

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115407.D
 Acq On : 8 Jul 2019 15:54
 Operator : HP/JU
 Sample : PB121130BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121130BS

Manual Integrations
 APPROVED

mohammad
 7/10/2019 9:04:25 AM

Quant Time: Jul 08 17:30:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 14:57:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	184825	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	725090	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	359947	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	681908	20.00	ng	0.00
76) Chrysene-d12	14.06	240	470798	20.00	ng	-0.01
87) Perylene-d12	15.54	264	430561	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1433004	119.79	ng	0.02
7) Phenol-d6	6.53	99	1817779	119.48	ng	0.00
23) Nitrobenzene-d5	7.46	82	1088937	88.73	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	519472	130.53	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1934850	94.32	ng	0.00
79) Terphenyl-d14	13.00	244	1992365	86.65	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.84	88	242725	41.367	ng	99
3) Pyridine	3.57	79	623842	38.450	ng	99
4) n-Nitrosodimethylamine	3.52	42	264494	40.200	ng	97
6) Aniline	6.56	93	675229	31.451	ng	99
8) 2-Chlorophenol	6.69	128	574418	42.526	ng	96
9) Benzaldehyde	6.45	77	327553	36.847	ng	97
10) Phenol	6.54	94	733227	40.281	ng	96
11) bis(2-Chloroethyl)ether	6.63	93	555234	41.117	ng	99
12) 1,3-Dichlorobenzene	6.84	146	613207	41.437	ng	99
13) 1,4-Dichlorobenzene	6.92	146	622362	41.985	ng	99
14) 1,2-Dichlorobenzene	7.07	146	570057	41.537	ng	99
15) Benzyl Alcohol	7.03	79	514321	42.129	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	760045	40.253	ng	100
17) 2-Methylphenol	7.15	107	486355	42.028	ng	99
18) Hexachloroethane	7.42	117	232163	42.043	ng	98
19) n-Nitroso-di-n-propylamine	7.31	70	409796	39.814	ng	99
20) 3+4-Methylphenols	7.30	107	587199	42.958	ng	94
22) Acetophenone	7.30	105	791641	45.563	ng	# 99
24) Nitrobenzene	7.47	77	635300	45.838	ng	98
25) Isophorone	7.72	82	1155335	43.433	ng	99
26) 2-Nitrophenol	7.79	139	300130	52.672	ng	98
27) 2,4-Dimethylphenol	7.83	122	555916	51.164	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	715080	43.594	ng	100
29) 2,4-Dichlorophenol	8.03	162	492883	45.545	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	540942	44.900	ng	99
31) Naphthalene	8.20	128	1643599	45.636	ng	100
32) Benzoic acid	7.95	122	380590	48.072	ng	95
33) 4-Chloroaniline	8.24	127	374158	23.284	ng	98
34) Hexachlorobutadiene	8.32	225	303356	44.400	ng	98
35) Caprolactam	8.62	113	152519m	43.272	ng	
36) 4-Chloro-3-methylphenol	8.72	107	511834	44.714	ng	98
37) 2-Methylnaphthalene	8.89	142	1103714	45.849	ng	100
38) 1-Methylnaphthalene	8.99	142	1040857	45.317	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	487992	47.125	ng	98

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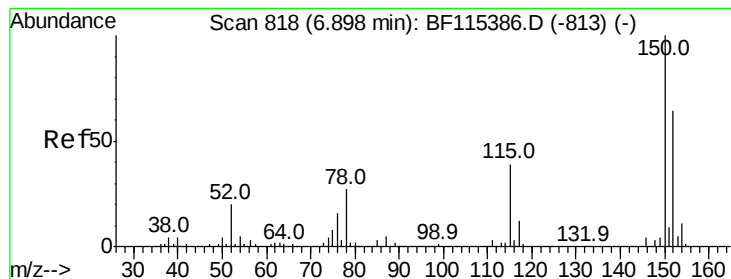
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	566664	94.416	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	350867	46.541	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	355727	45.506	nq	97
46) 1,1'-Biphenyl	9.36	154	1321398	46.697	nq	99
47) 2-Chloronaphthalene	9.38	162	1048216	44.820	nq	100
48) 2-Nitroaniline	9.47	65	317733	46.242	nq	97
49) Acenaphthylene	9.80	152	1599175	45.163	nq	100
50) Dimethylphthalate	9.66	163	1185699	43.888	nq	100
51) 2,6-Dinitrotoluene	9.71	165	272224	46.460	nq	99
52) Acenaphthene	9.97	154	1107435	49.695	nq	99
53) 3-Nitroaniline	9.87	138	203774	29.944	nq	100
54) 2,4-Dinitrophenol	9.99	184	252052	97.331	nq	# 64
55) Dibenzofuran	10.14	168	1436215	45.751	nq	99
56) 4-Nitrophenol	10.04	139	473964	90.020	nq	96
57) 2,4-Dinitrotoluene	10.12	165	361115	48.495	nq	94
58) Fluorene	10.49	166	1059004	42.795	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	310226	45.939	nq	100
60) Diethylphthalate	10.36	149	1157634	43.533	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	539869	44.698	nq	98
62) 4-Nitroaniline	10.50	138	293463	43.932	nq	99
63) Azobenzene	10.63	77	1193713	43.548	nq	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	170030	51.413	nq	86
66) n-Nitrosodiphenylamine	10.59	169	980536	45.637	nq	98
67) 4-Bromophenyl-phenylether	10.96	248	347078	45.361	nq	97
68) Hexachlorobenzene	11.03	284	383489	44.665	nq	99
69) Atrazine	11.12	200	320500	48.200	nq	99
70) Pentachlorophenol	11.22	266	456884	87.316	nq	98
71) Phenanthrene	11.45	178	1600752	44.635	nq	99
72) Anthracene	11.50	178	1645579	45.758	nq	100
73) Carbazole	11.65	167	1440654	43.789	nq	100
74) Di-n-butylphthalate	11.98	149	1727930	43.457	nq	99
75) Fluoranthene	12.63	202	1662025	44.014	nq	99
77) Benzidine	12.75	184	794254	43.262	nq	99
78) Pyrene	12.86	202	1681044	45.916	nq	99
80) Butylbenzylphthalate	13.47	149	735525	45.981	nq	94
81) Benzo(a)anthracene	14.05	228	1330700	44.113	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	363624	33.220	nq	99
83) Chrysene	14.09	228	1385405	44.698	nq	100
84) Bis(2-ethylhexyl)phthalate	14.04	149	925239	46.706	nq	99
85) Di-n-octyl phthalate	14.67	149	1616174	45.828	nq	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	1162641	45.921	nq	# 100
88) Benzo(b)fluoranthene	15.12	252	1247664	44.506	nq	99
89) Benzo(k)fluoranthene	15.14	252	1196836	48.006	nq	99
90) Benzo(a)pyrene	15.49	252	1125921	46.566	nq	98
91) Dibenzo(a,h)anthracene	17.05	278	974643	47.172	nq	98
92) Benzo(g,h,i)perylene	17.48	276	957590	48.965	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

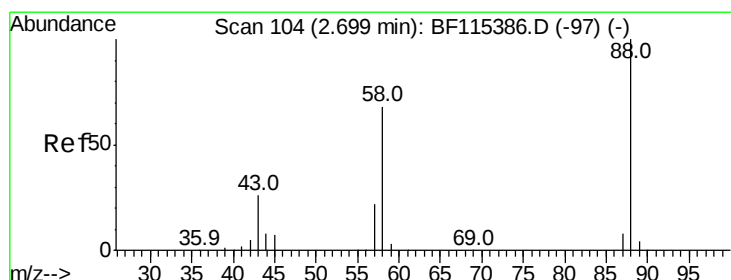
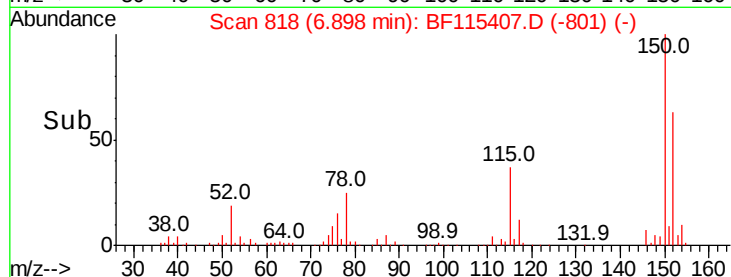
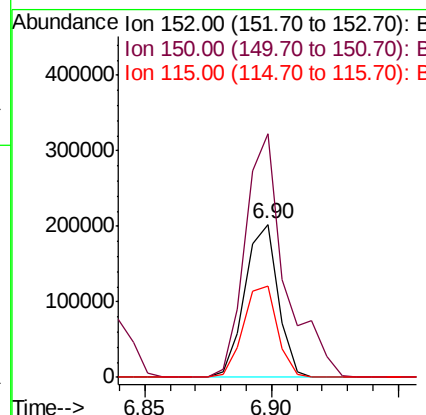
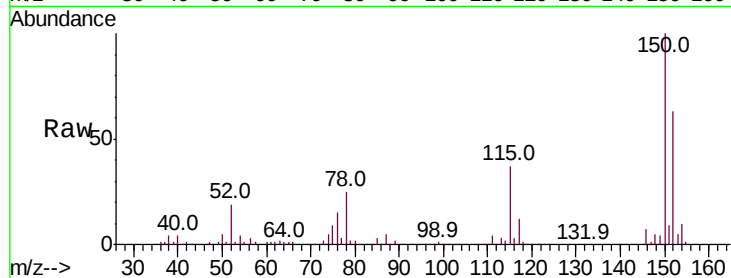
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121130BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.7	187.1
115	59.5	48.1	72.1

Manual Integrations
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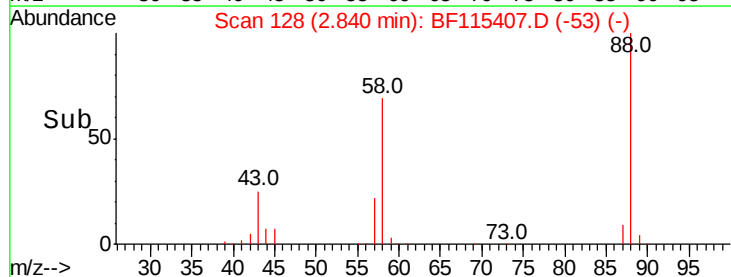
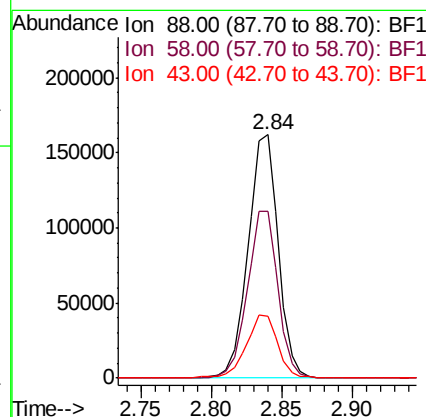
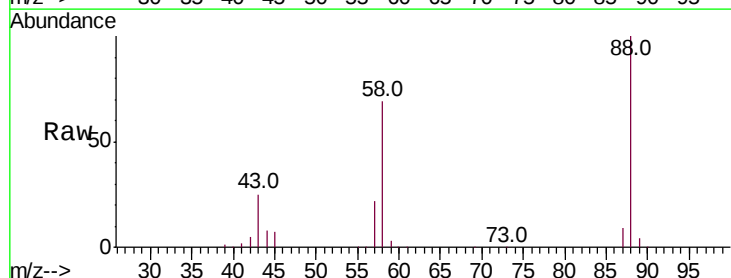
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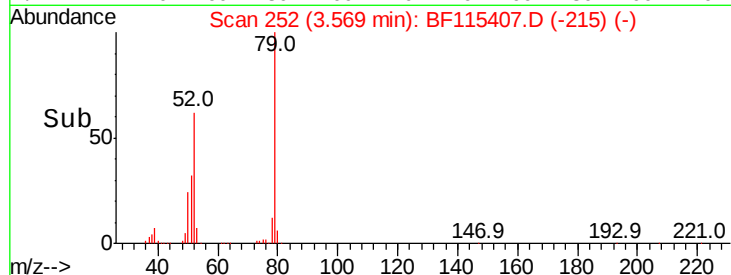
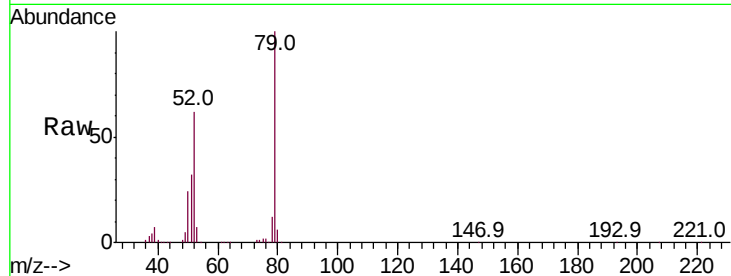
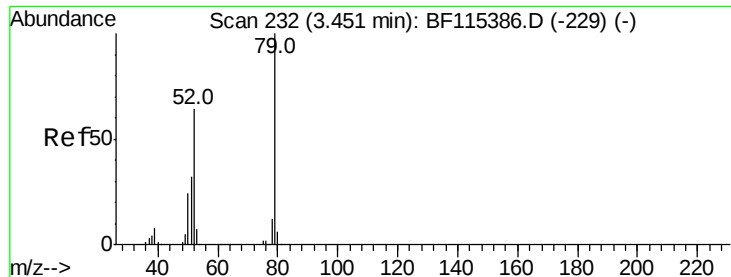


#2

1,4-Dioxane
Concen: 41.367 ng
RT: 2.84 min Scan# 128
Delta R.T. 0.14 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.5	54.6	82.0
43	26.5	21.4	32.0





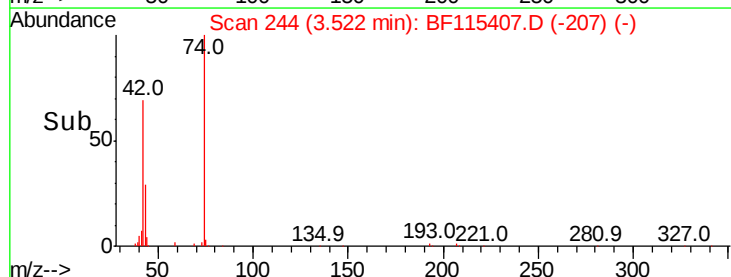
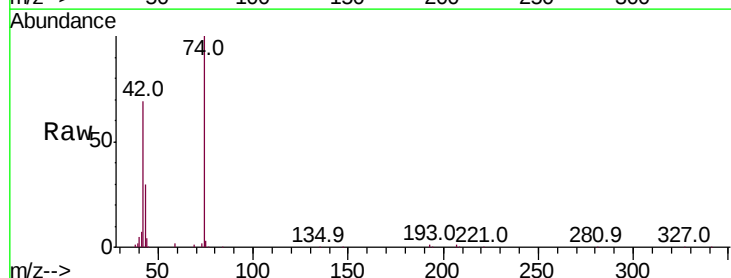
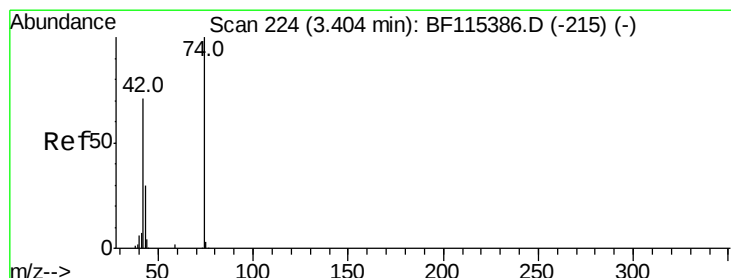
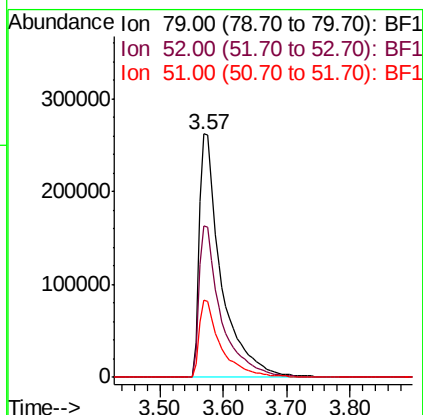
#3
Pvridine
Concen: 38.450 ng
RT: 3.57 min Scan# 252
Delta R.T. 0.12 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tot Ion: 79 Resp: 623842
Ion Ratio Lower Upper
79 100
52 62.4 50.9 76.3
51 31.6 25.8 38.6

Instrument :
BNA_F
ClientSampleId :
PB121130BS

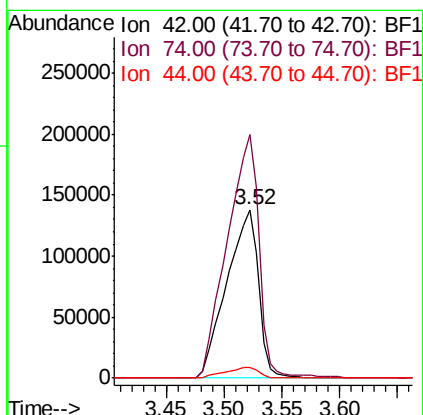
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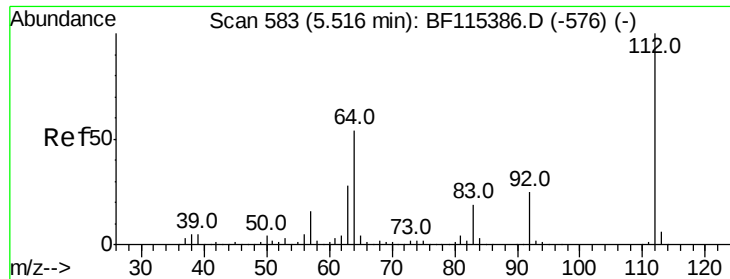
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#4
n-Nitrosodimethylamine
Concen: 40.200 ng
RT: 3.52 min Scan# 244
Delta R.T. 0.12 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion: 42 Resp: 264494
Ion Ratio Lower Upper
42 100
74 144.5 112.8 169.2
44 6.0 5.4 8.0





#5

2-Fluorophenol

Concen: 119.791 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB121130BS

Tot Ion:112 Resp: 1433004

Ion Ratio Lower Upper

112 100

64 57.8 43.0 64.6

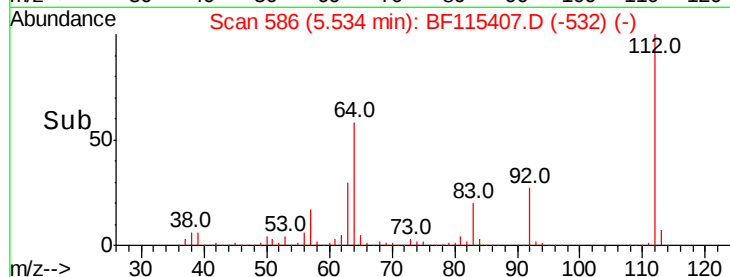
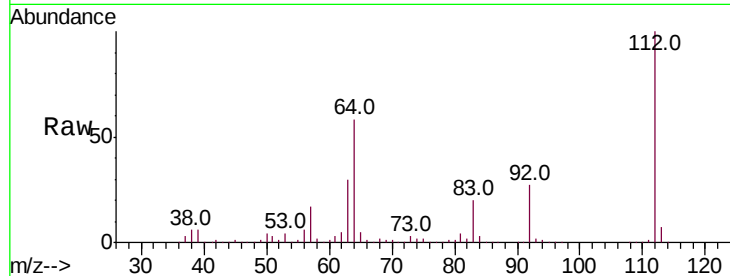
63 29.5 22.2 33.2

Manual Integrations

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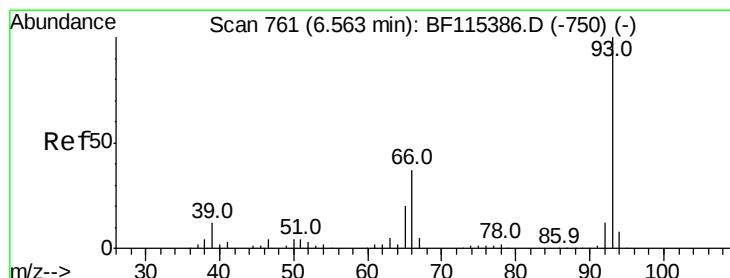
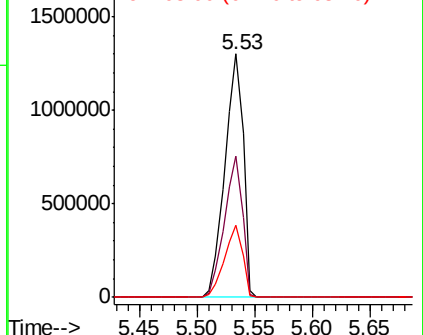
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.451 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

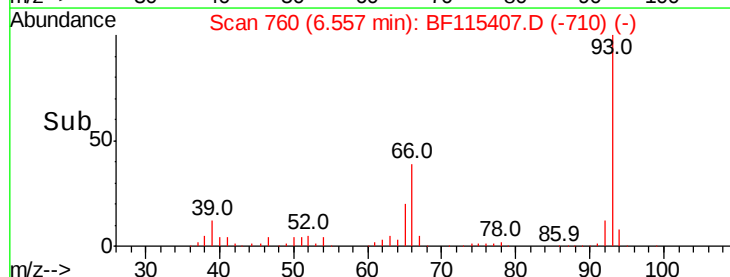
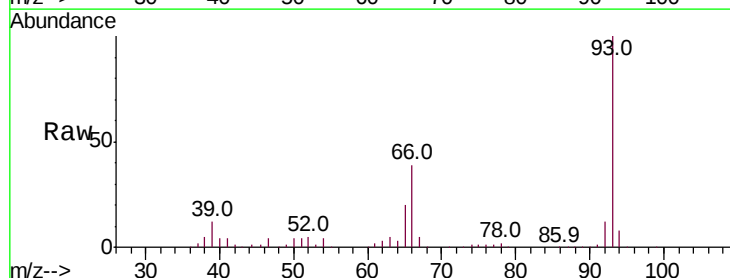
Tgt Ion: 93 Resp: 675229

Ion Ratio Lower Upper

93 100

66 39.1 30.8 46.2

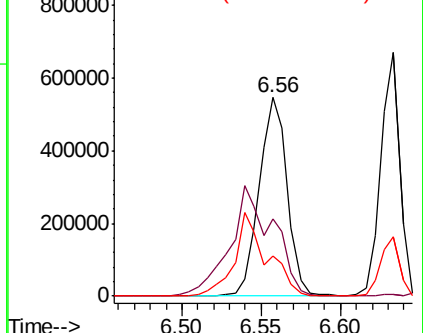
65 20.0 16.0 24.0

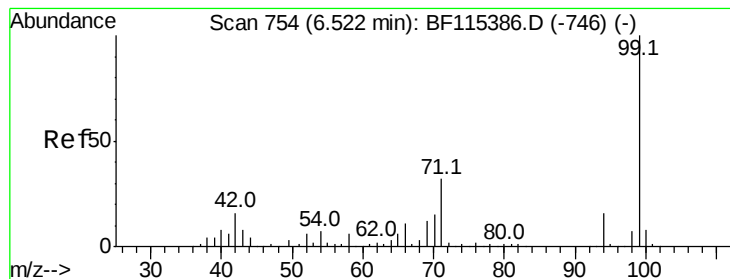


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.482 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB121130BS

Tot Ion: 99 Resp: 1817779

Ion Ratio Lower Upper

99 100

42 16.7 13.1 19.7

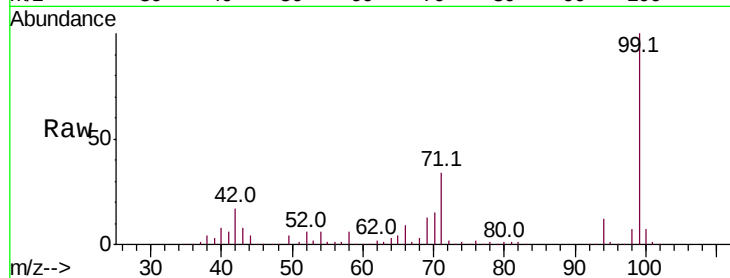
71 33.5 25.9 38.9

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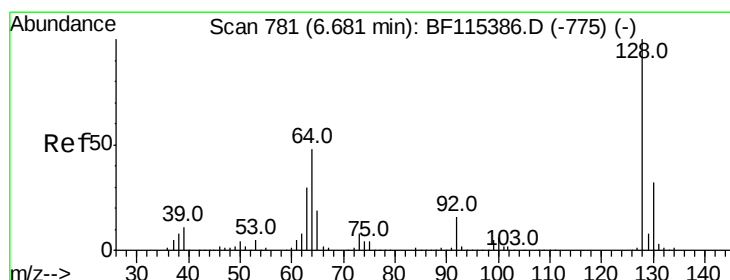
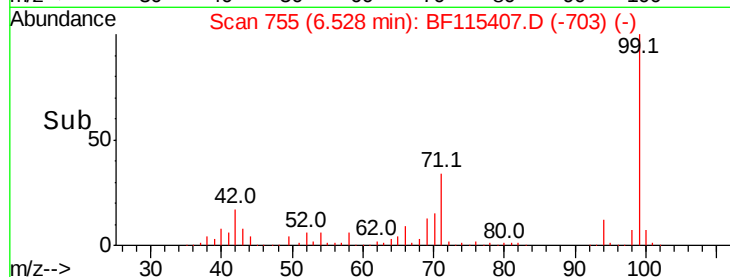
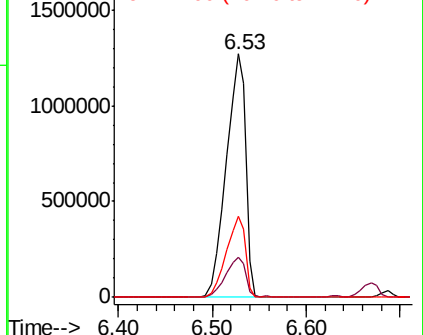
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.526 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

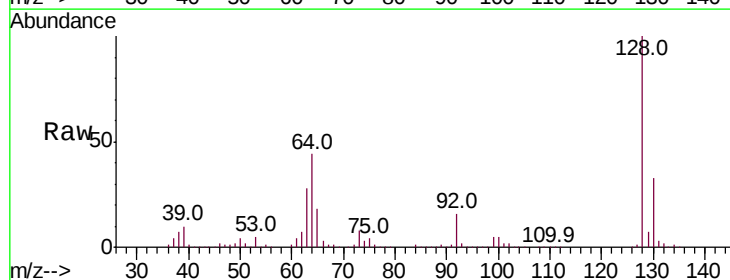
Tgt Ion:128 Resp: 574418

Ion Ratio Lower Upper

128 100

130 32.8 12.4 52.4

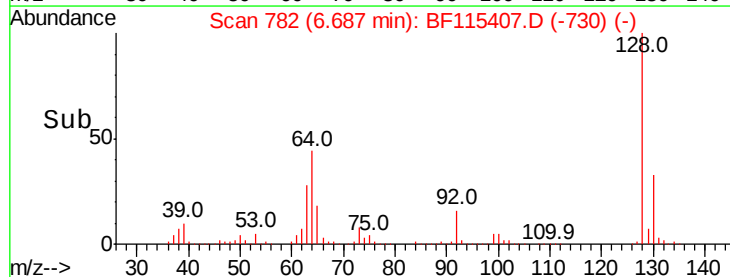
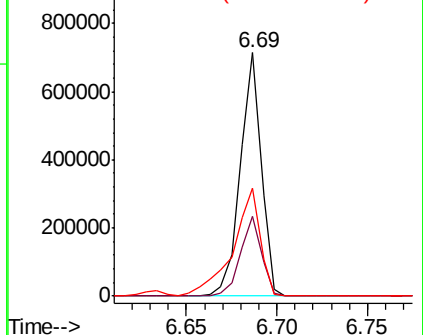
64 44.1 28.8 68.8

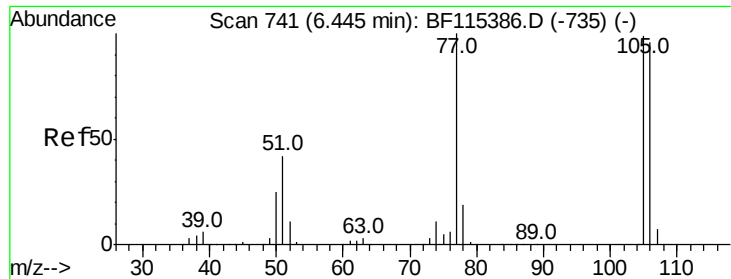


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





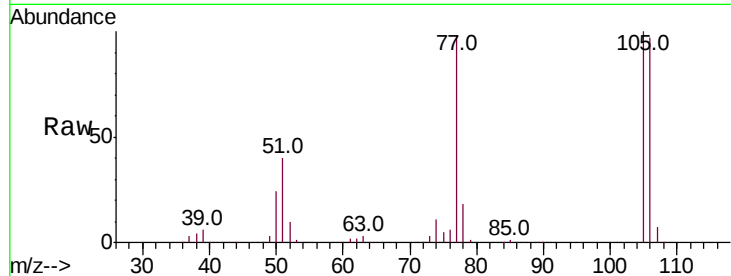
#9
Benzaldehyde
Concen: 36.847 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121130BS

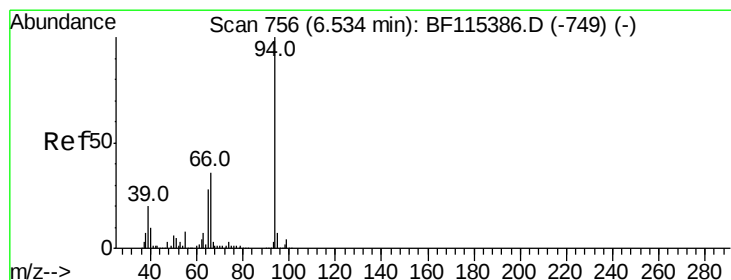
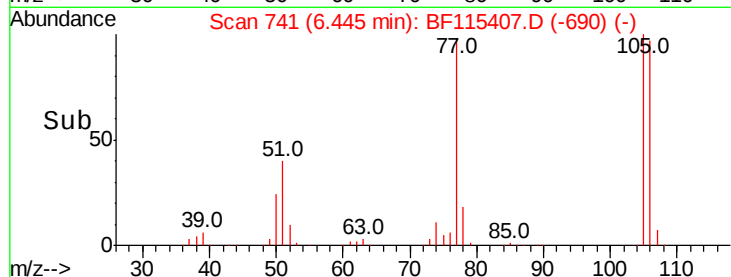
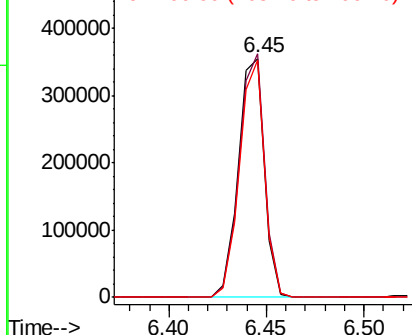
Tot Ion: 77 Resp: 327553
Ion Ratio Lower Upper
77 100
105 102.1 79.0 119.0
106 99.3 75.7 115.7

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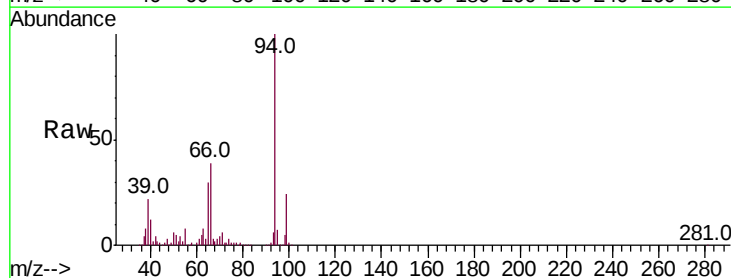


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

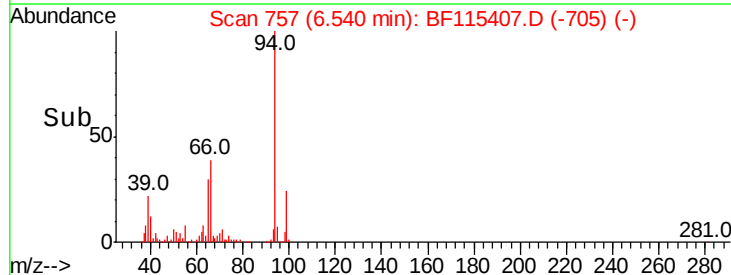
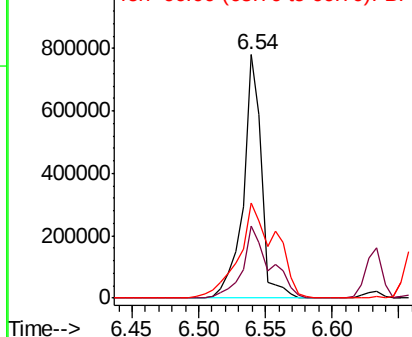


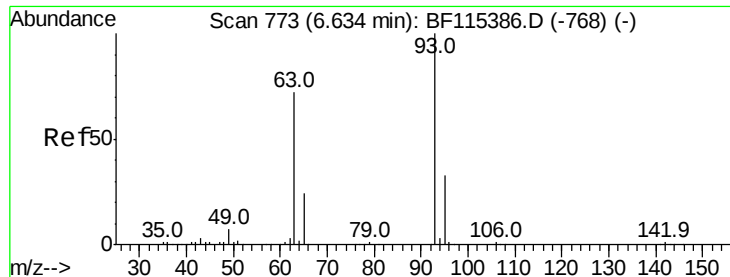
#10
Phenol
Concen: 40.281 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion: 94 Resp: 733227
Ion Ratio Lower Upper
94 100
65 29.7 8.0 48.0
66 38.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





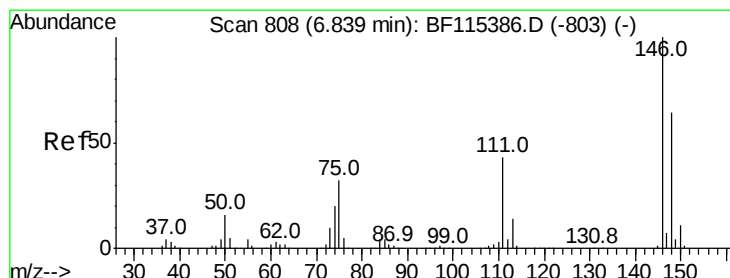
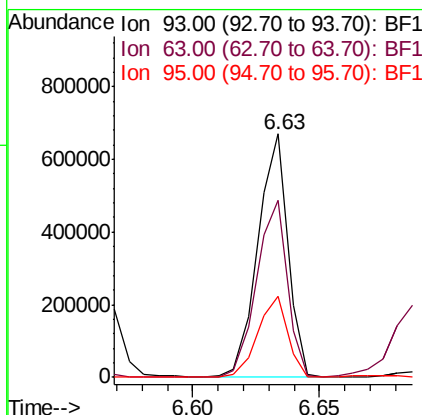
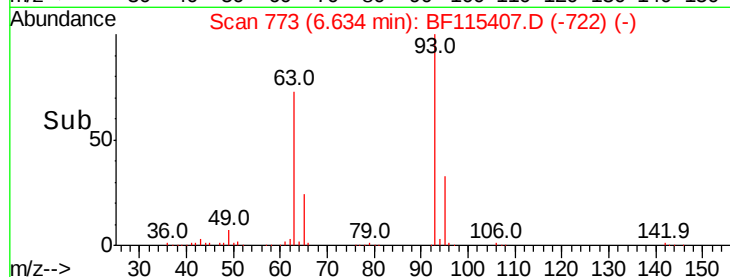
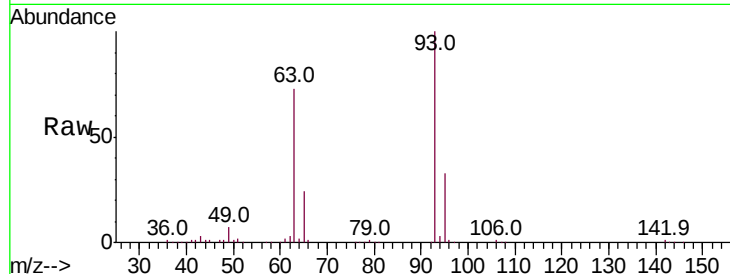
#11
bis(2-Chloroethyl)ether
Concen: 41.117 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121130BS

Tot Ion	93	Resp	555234
Ion	Ratio	Lower	Upper
93	100		
63	72.6	51.5	91.5
95	33.5	12.9	52.9

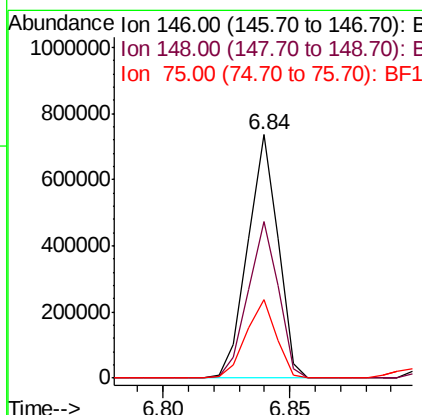
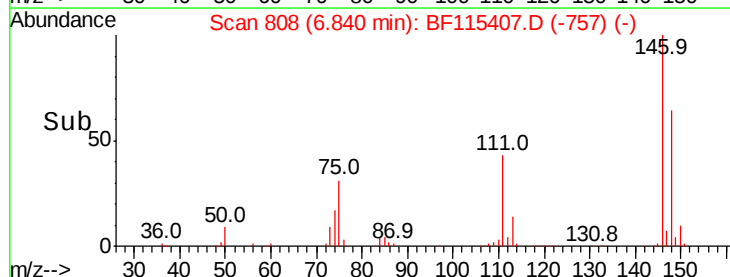
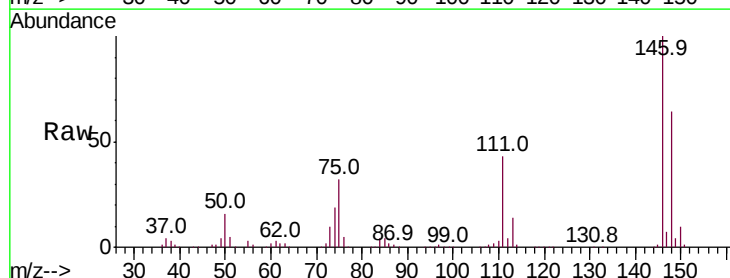
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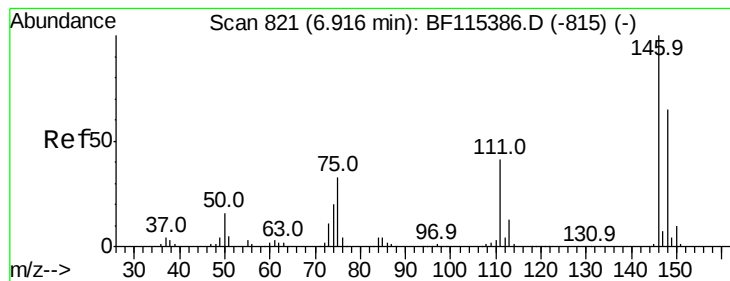
mohammad
7/10/2019 9:04:25 AM



#12
1,3-Dichlorobenzene
Concen: 41.437 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion	146	Resp	613207
Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
75	32.0	25.9	38.9





#13

1,4-Dichlorobenzene

Concen: 41.985 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_F

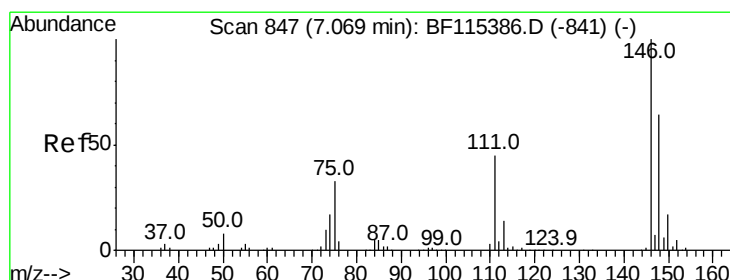
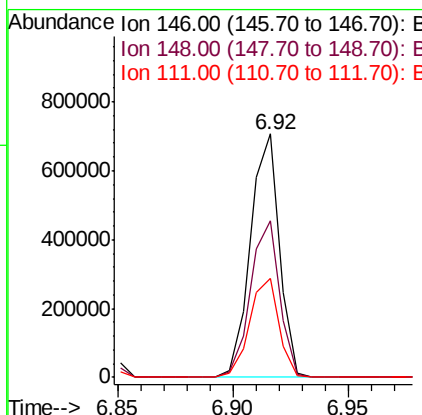
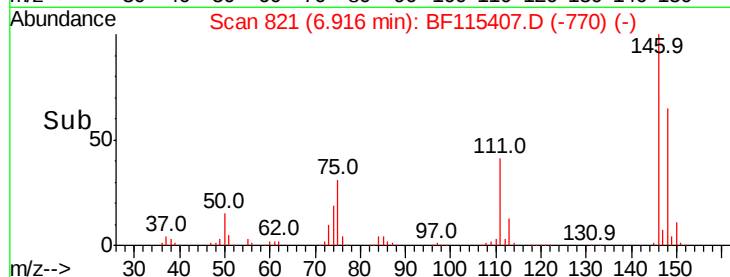
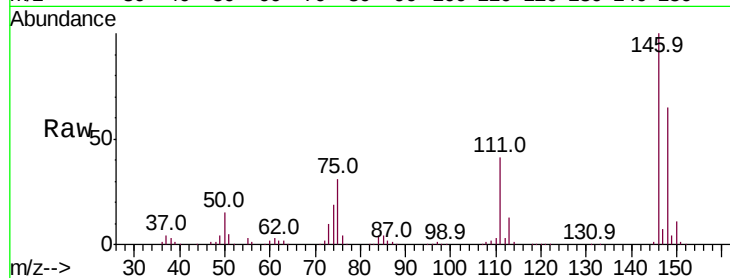
ClientSampleId :

PB121130BS

Tot Ion:	146	Resp:	622362
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.3	78.5
111	40.5	33.0	49.4

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#14

1,2-Dichlorobenzene

Concen: 41.537 ng

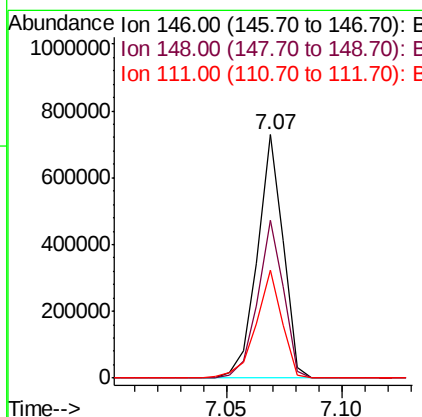
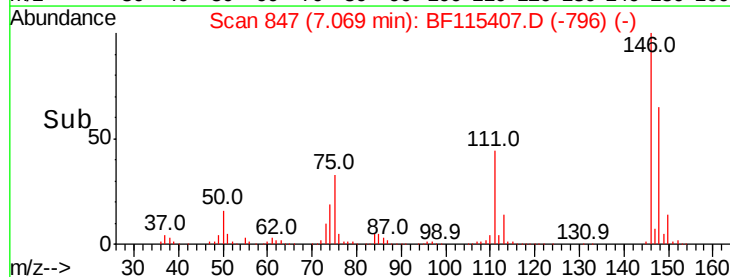
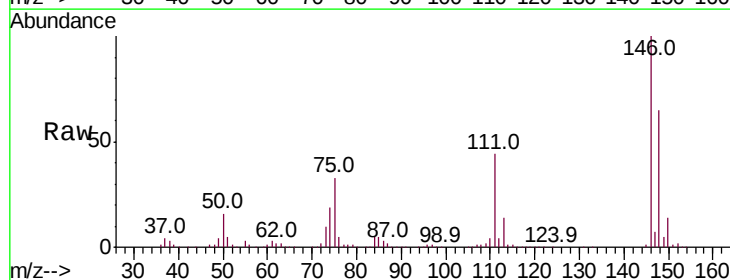
RT: 7.07 min Scan# 847

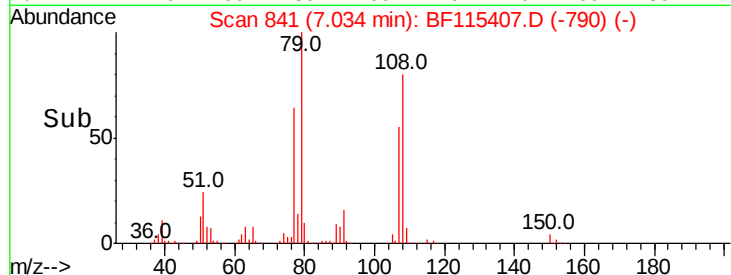
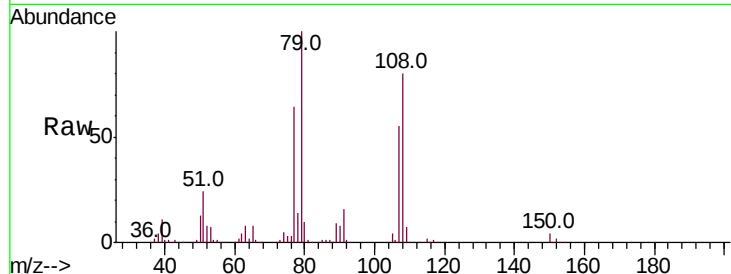
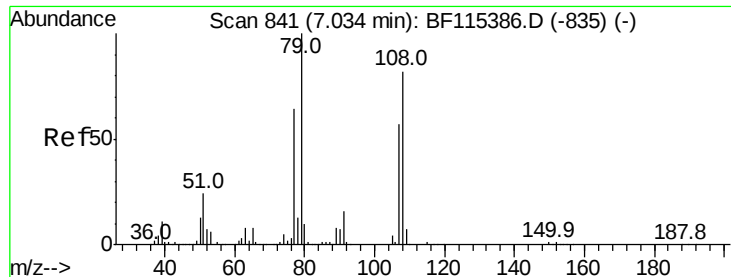
Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Tgt Ion:	146	Resp:	570057
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.3	76.9
111	44.2	36.2	54.2





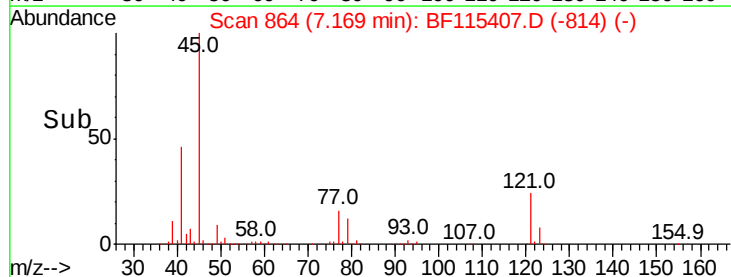
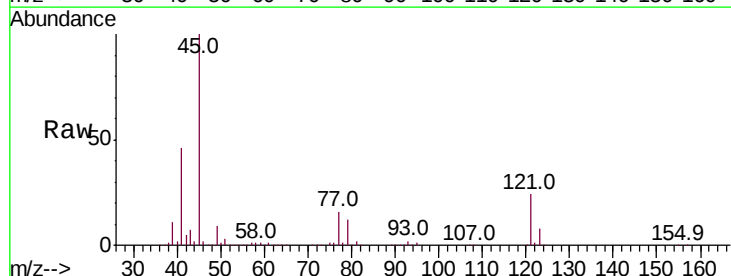
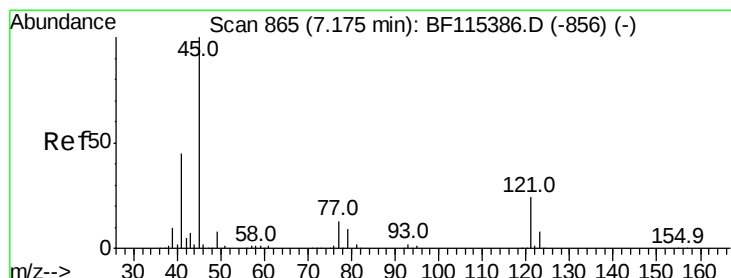
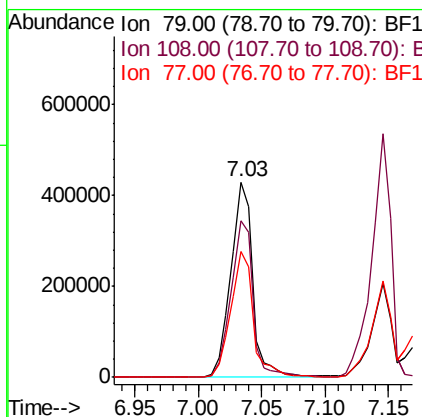
#15
Benzyl Alcohol
Concen: 42.129 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.8	65.4	98.2	
77	64.3	51.5	77.3	

Instrument :
BNA_F
ClientSampleId :
PB121130BS

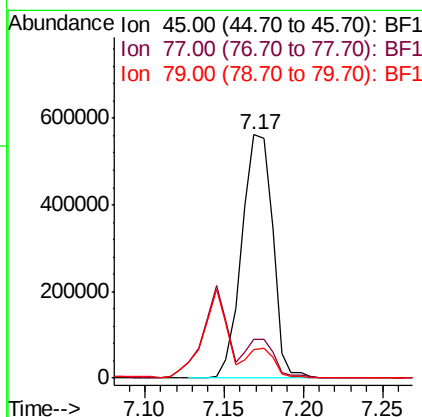
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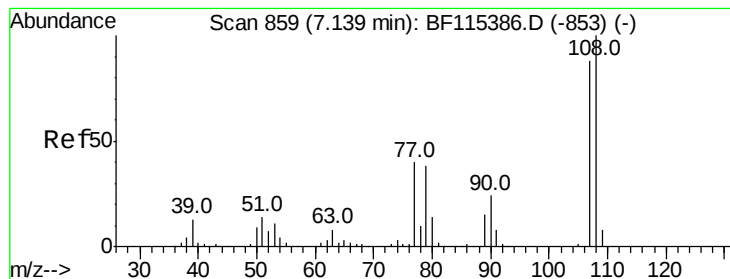
mohammad
7/10/2019 9:04:25 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.253 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	16.0	0.0	36.0	
79	11.9	0.0	32.0	





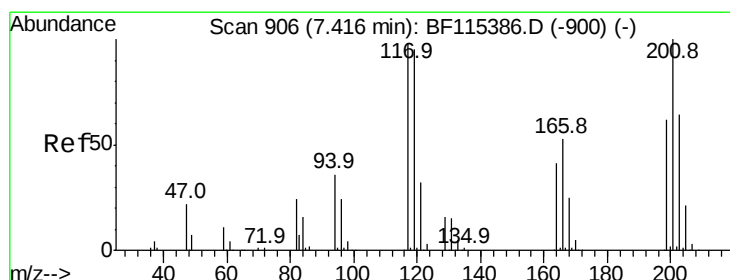
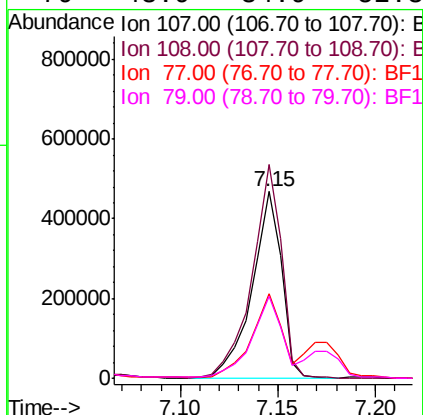
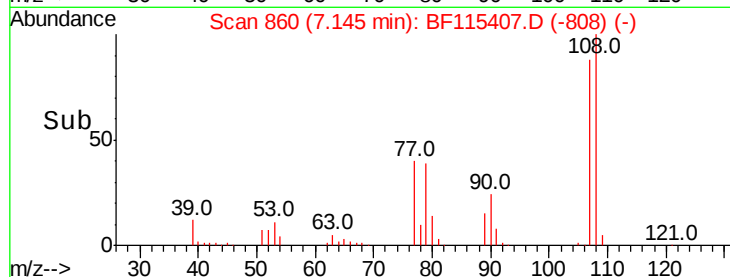
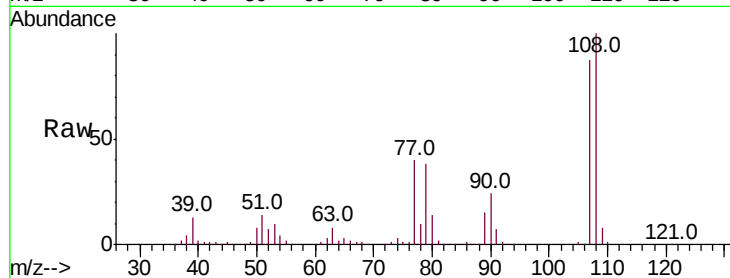
#17
2-Methylphenol
Concen: 42.028 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121130BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.5	90.7	136.1	
77	45.4	36.3	54.5	
79	43.9	34.9	52.3	

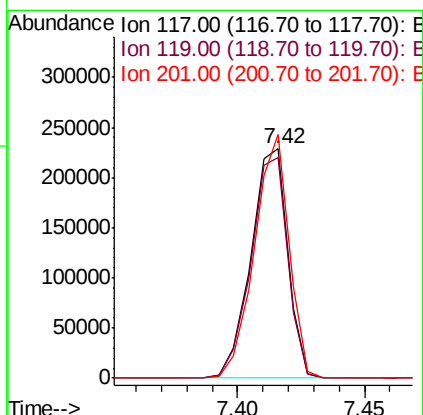
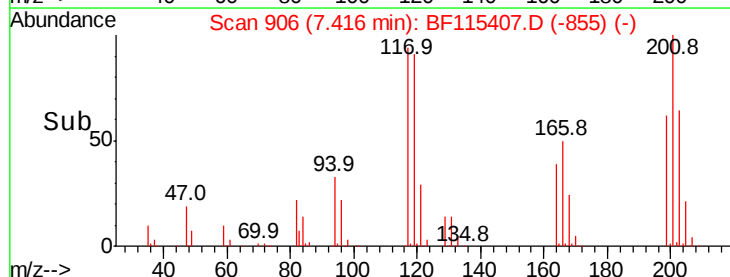
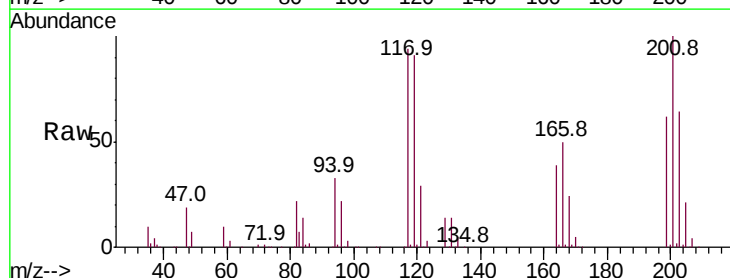
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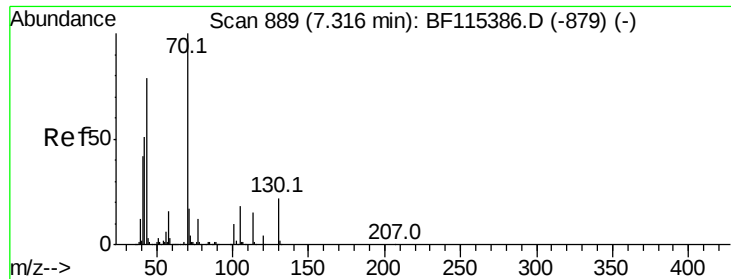
mohammad
7/10/2019 9:04:25 AM



#18
Hexachloroethane
Concen: 42.043 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	77.1	115.7	
201	106.3	81.3	121.9	





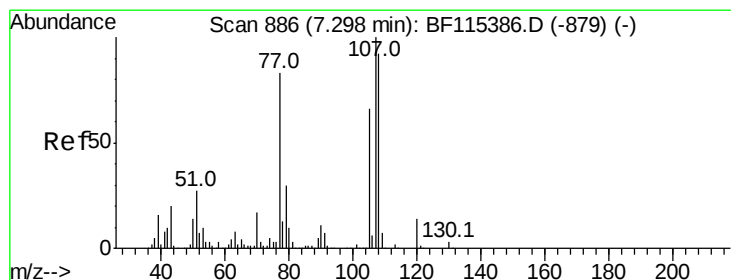
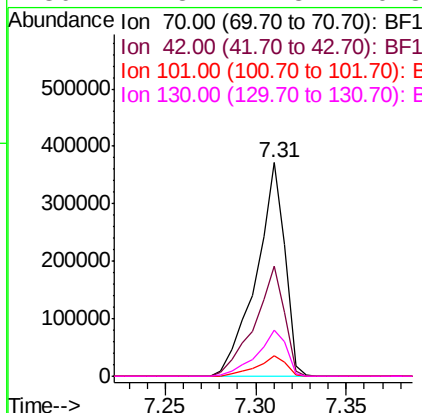
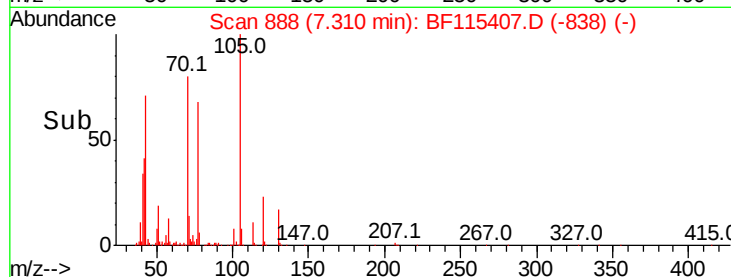
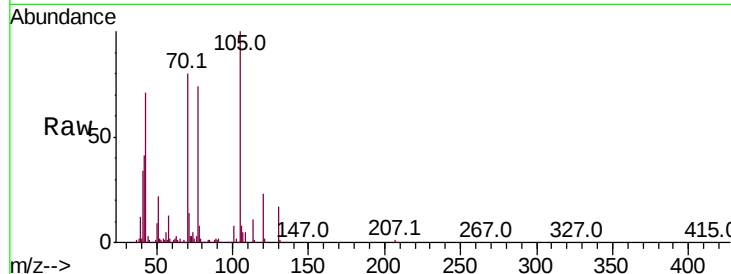
#19
n-Nitroso-di-n-propylamine
Concen: 39.814 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121130BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	51.7	41.1	61.7		
101	9.8	8.0	12.0		
130	21.8	17.8	26.8		

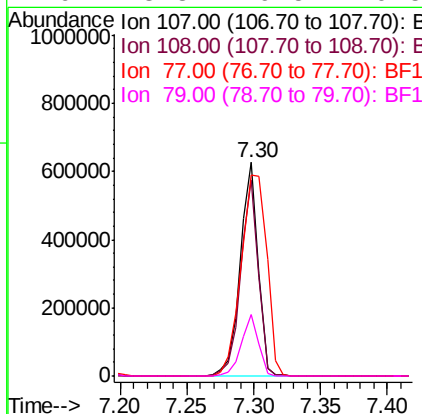
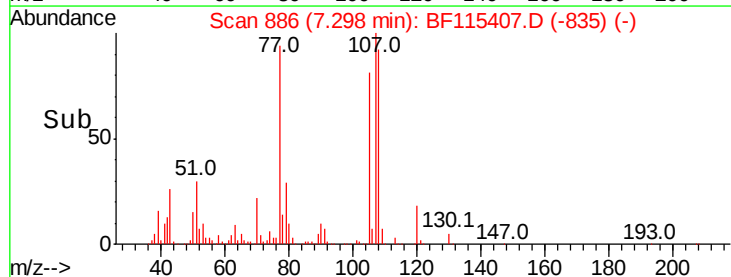
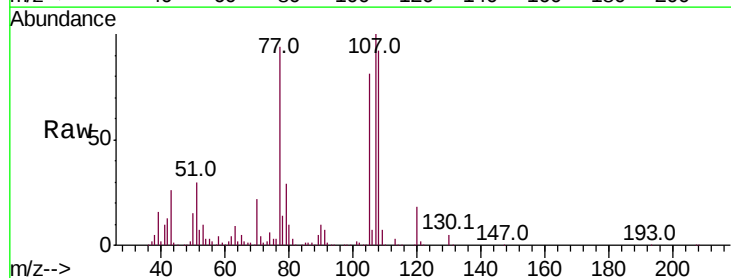
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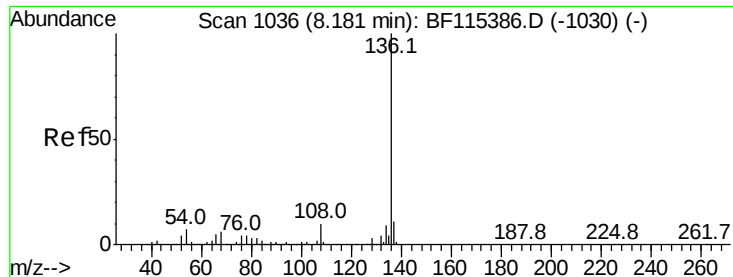
mohammad
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#20
3+4-Methylphenols
Concen: 42.958 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.7	72.5	112.5		
77	93.9	62.7	102.7		
79	28.8	9.5	49.5		





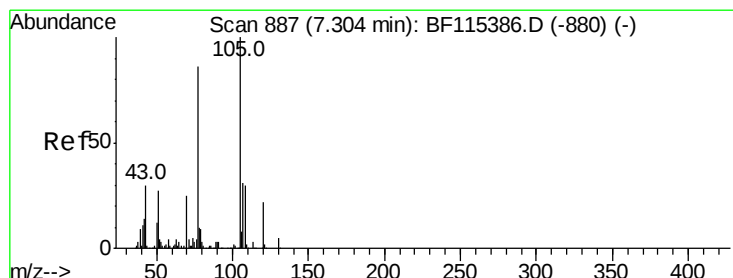
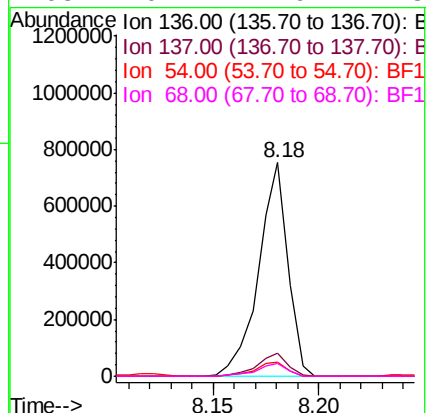
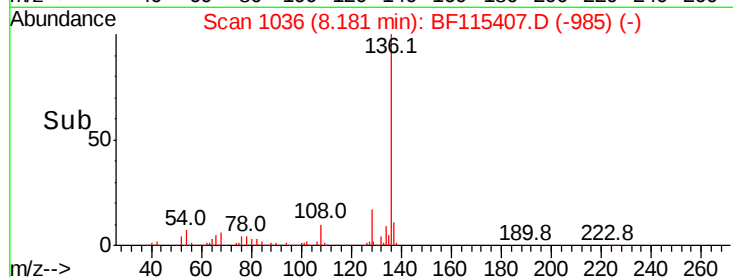
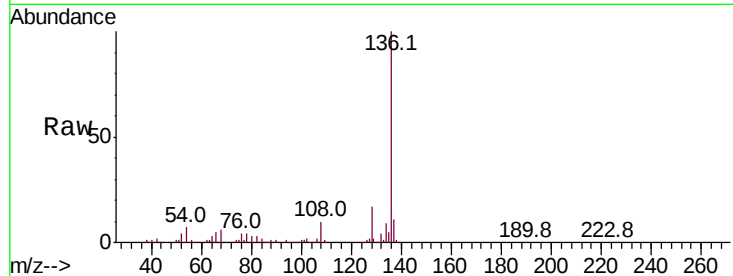
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121130BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	6.9	5.6	8.4	
68	6.1	4.9	7.3	

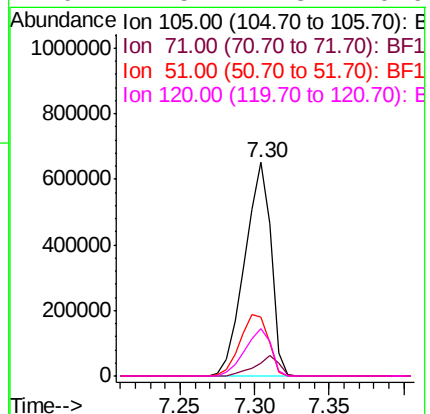
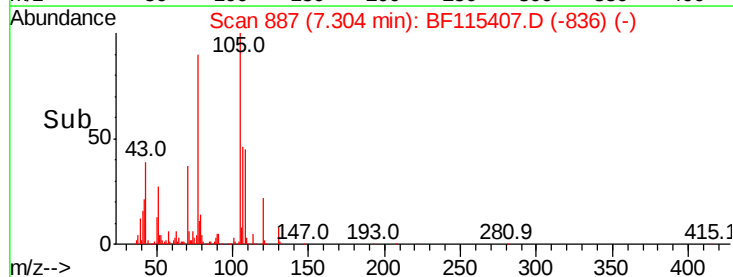
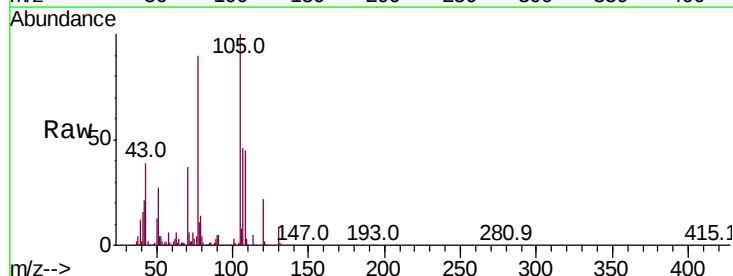
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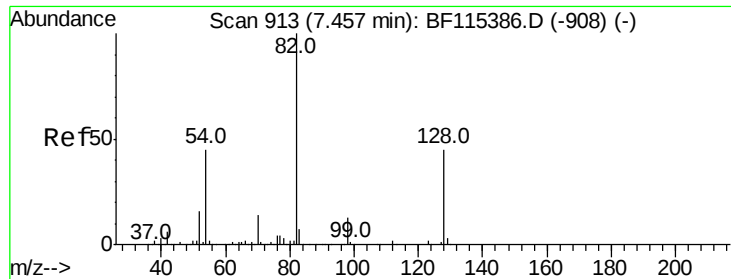
mohammad
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#22
Acetophenone
Concen: 45.563 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.3	3.3	4.9#	
51	27.4	21.5	32.3	
120	22.5	17.8	26.6	





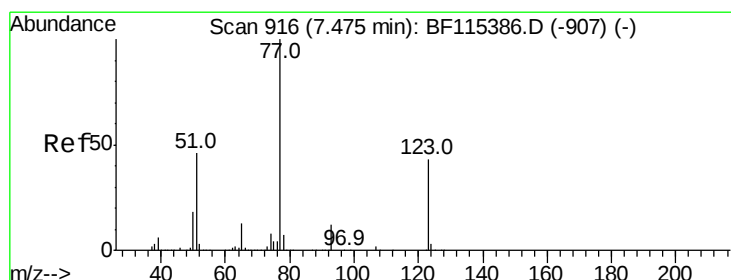
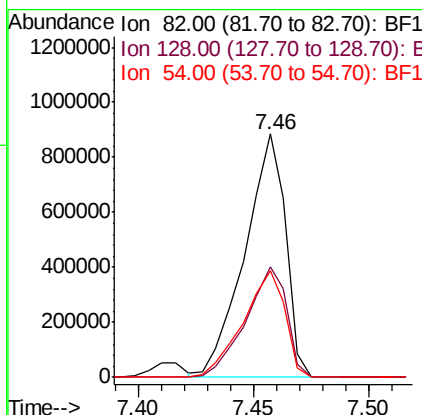
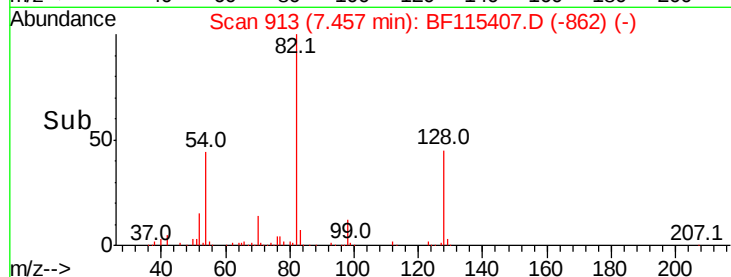
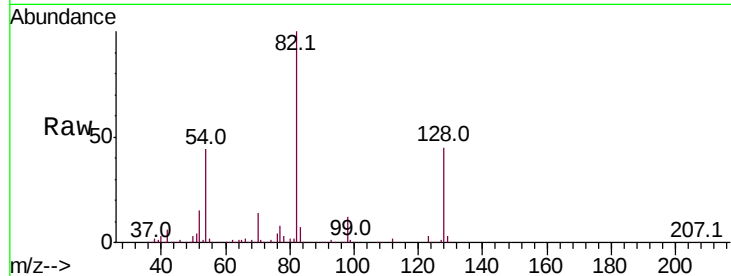
#23
Nitrobenzene-d5
Concen: 88.731 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121130BS

Tot Ion: 82 Resp: 1088937
Ion Ratio Lower Upper
82 100
128 45.2 35.7 53.5
54 44.1 36.3 54.5

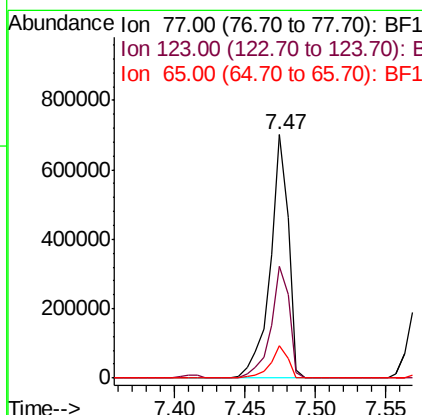
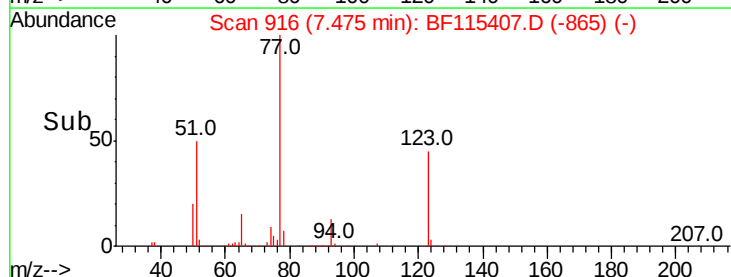
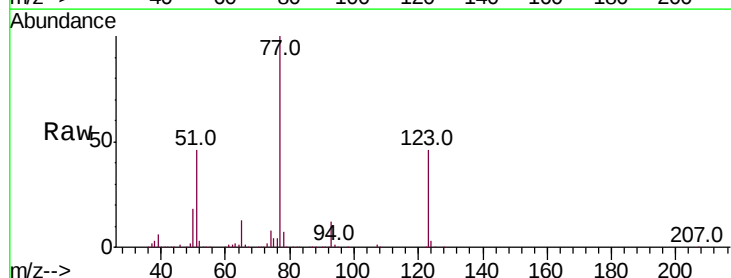
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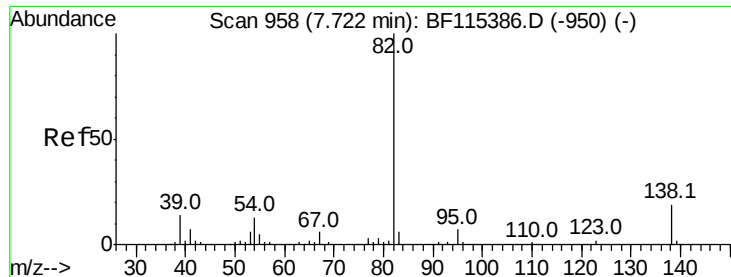
mohammad
7/10/2019 9:04:25 AM



#24
Nitrobenzene
Concen: 45.838 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion: 77 Resp: 635300
Ion Ratio Lower Upper
77 100
123 45.7 35.0 52.6
65 13.5 10.8 16.2





#25

Isophorone

Concen: 43.433 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB121130BS

Tot Ion: 82 Resp: 1155335

Ion Ratio Lower Upper

82 100

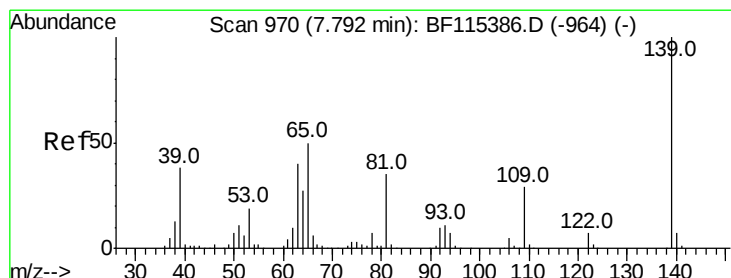
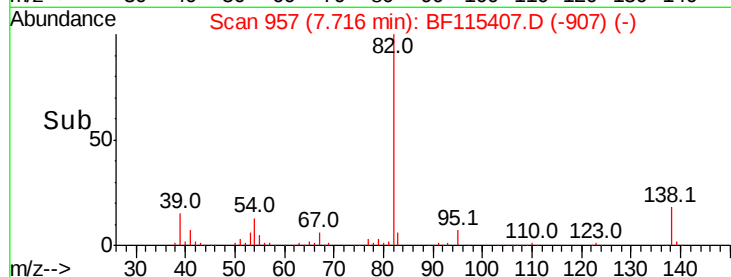
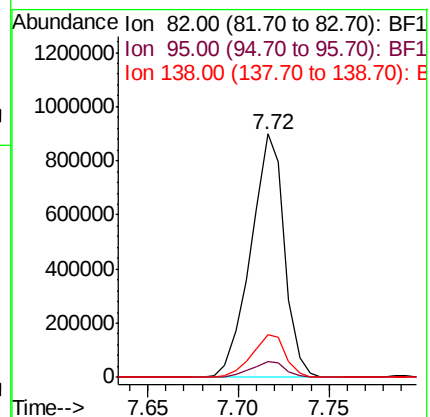
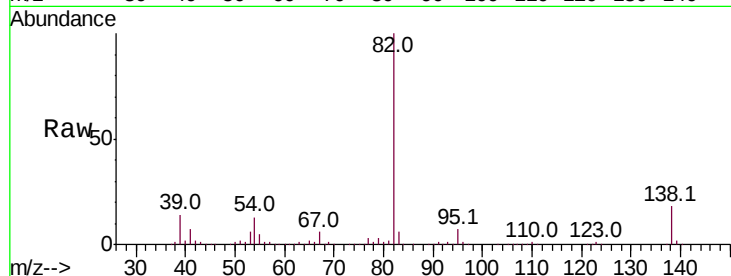
95 6.7 5.4 8.0

138 17.7 14.9 22.3

Manual Integrations
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mohammad

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#26

2-Nitrophenol

Concen: 52.672 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

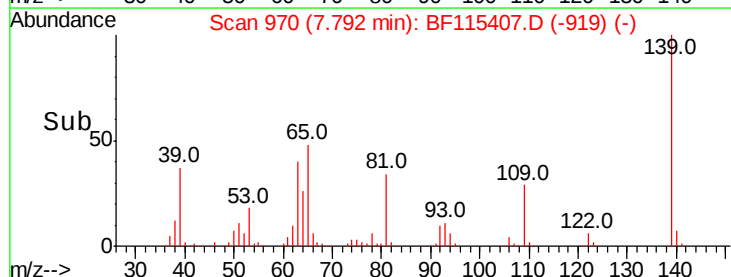
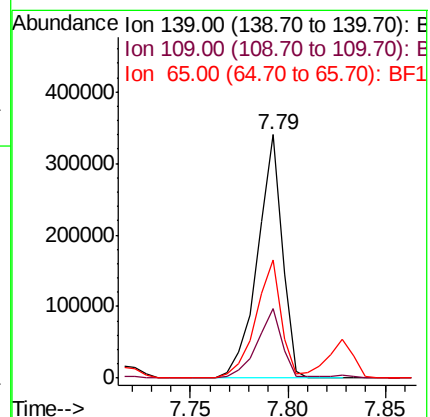
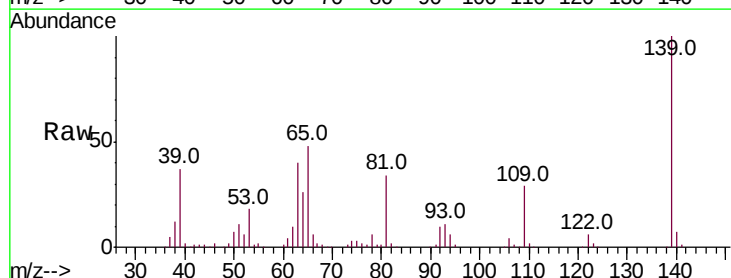
Tgt Ion: 139 Resp: 300130

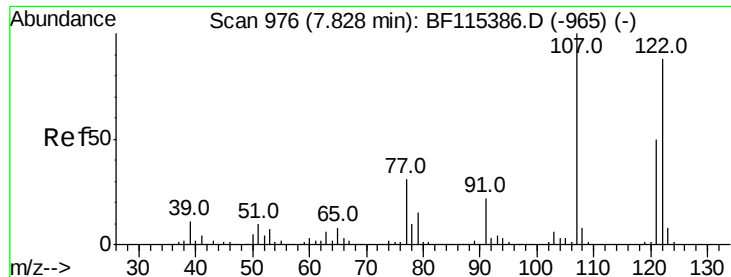
Ion Ratio Lower Upper

139 100

109 28.6 22.9 34.3

65 48.3 40.2 60.4





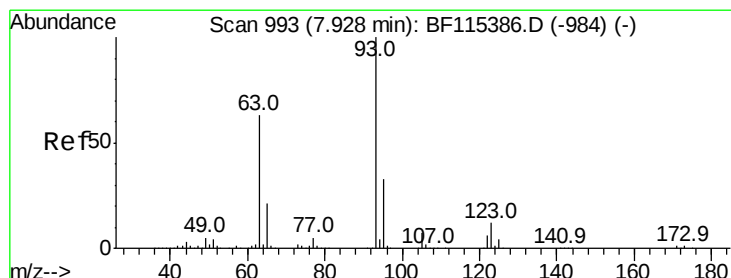
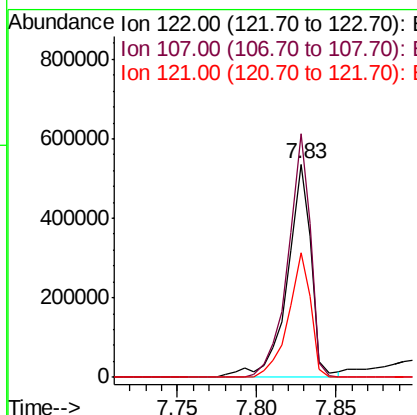
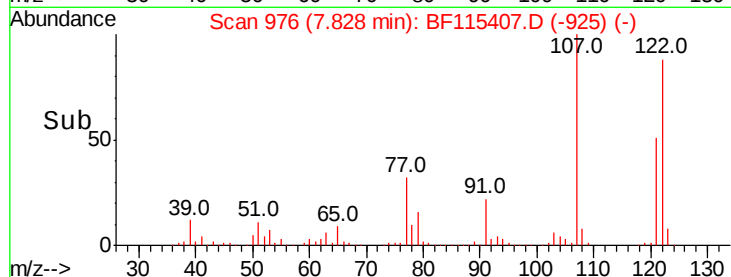
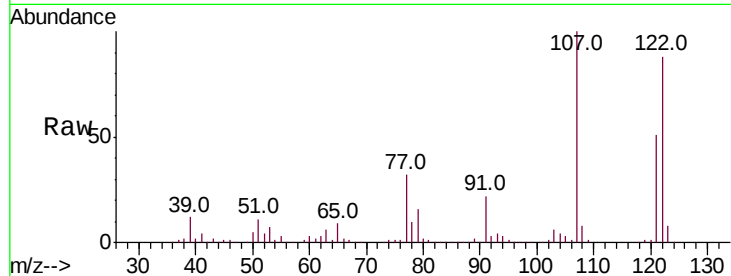
#27
 2,4-Dimethylphenol
 Concen: 51.164 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121130BS

Tot Ion:	122	Resp:	555916
Ion Ratio	Lower	Upper	
122	100		
107	114.0	91.0	136.6
121	58.3	45.9	68.9

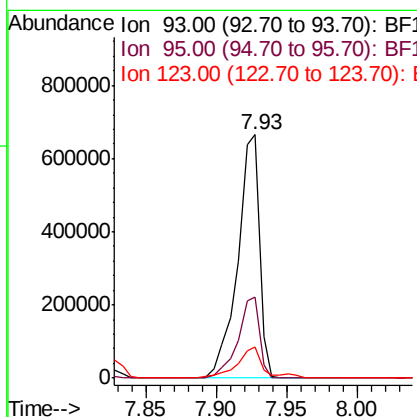
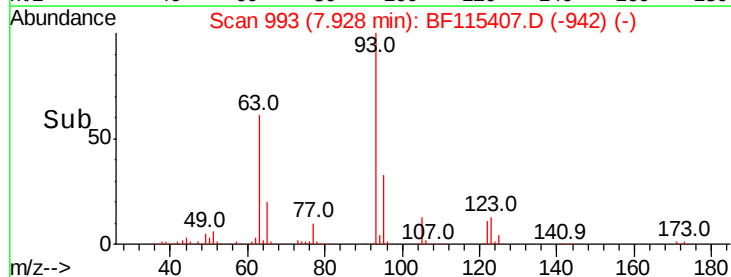
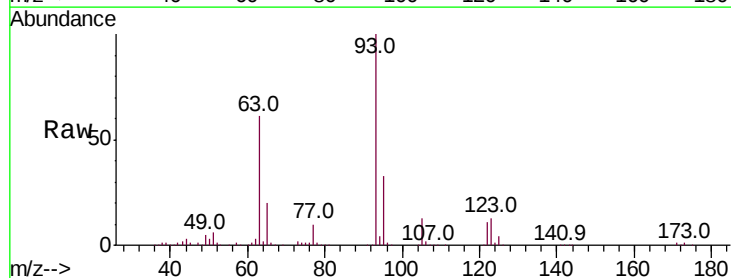
Manual Integrations
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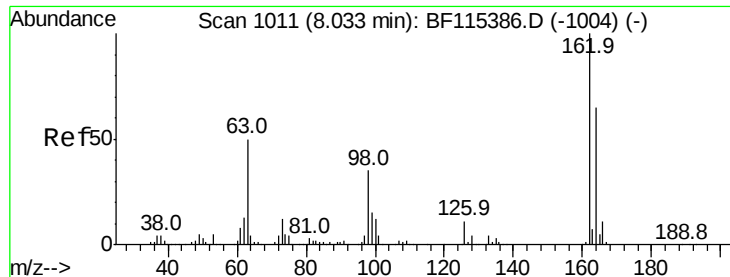
mohammad
 7/10/2019 9:04:25 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.594 ng
 RT: 7.93 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Tgt Ion:	93	Resp:	715080
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.6	39.8
123	12.6	10.0	15.0





#29

2,4-Dichlorophenol

Concen: 45.545 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_F

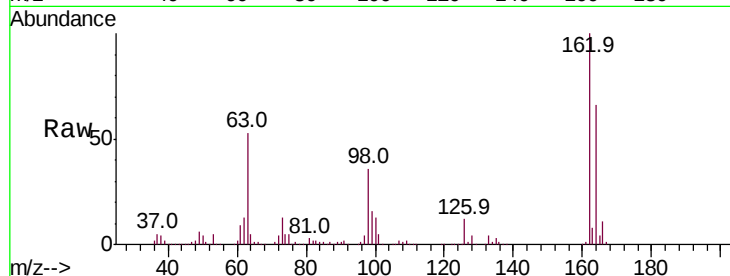
ClientSampleId :

PB121130BS

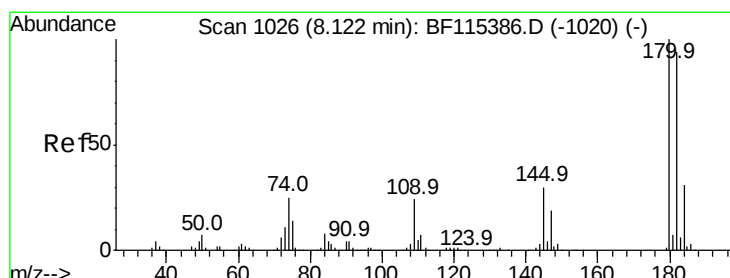
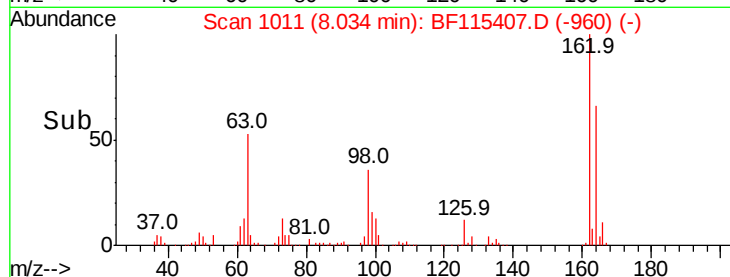
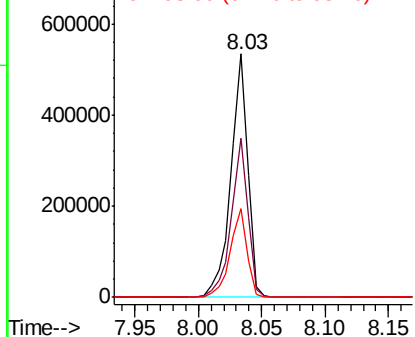
Tot Ion:	162	Resp:	492883
Ion Ratio	Lower	Upper	
162	100		
164	65.5	44.6	84.6
98	36.3	15.0	55.0

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 44.900 ng

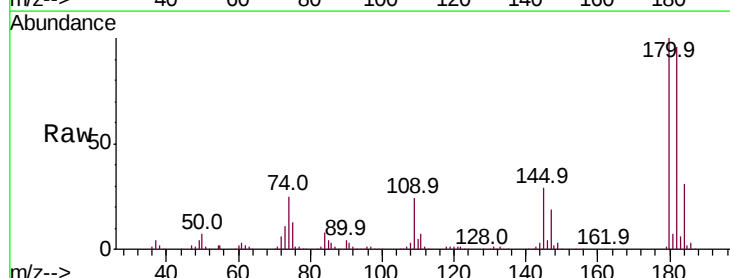
RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

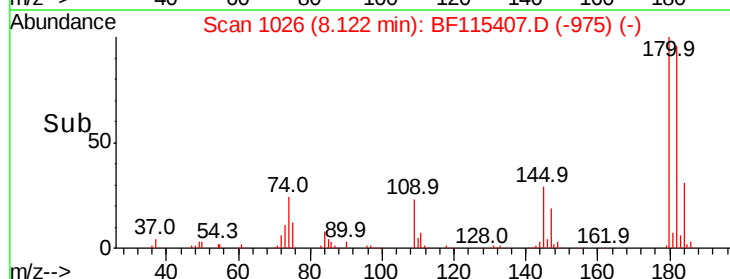
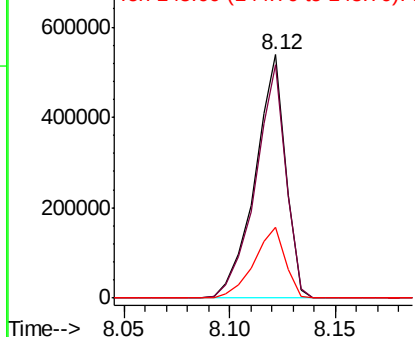
Lab File: BF115407.D

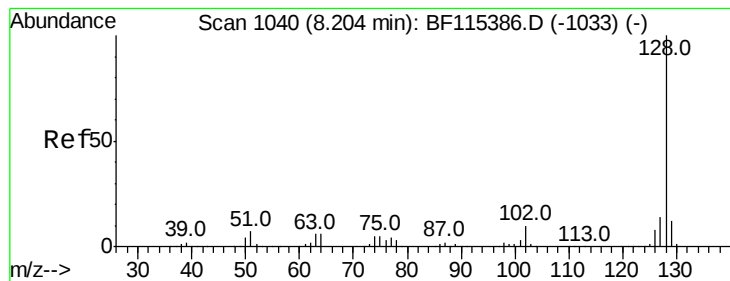
Acq: 8 Jul 2019 15:54

Tgt Ion:	180	Resp:	540942
Ion Ratio	Lower	Upper	
180	100		
182	95.9	75.6	113.4
145	29.3	23.8	35.6



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.636 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB121130BS

Tot Ion:128 Resp: 1643599

Ion Ratio Lower Upper

128 100

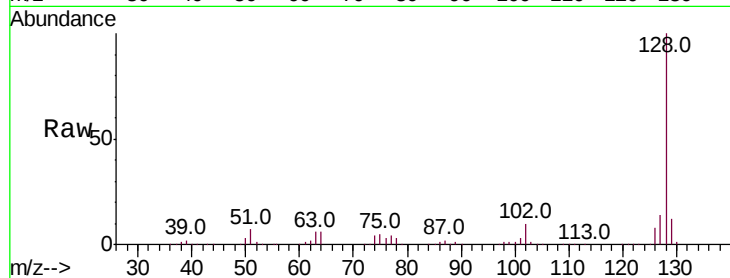
129 11.6 9.4 14.2

127 13.9 11.2 16.8

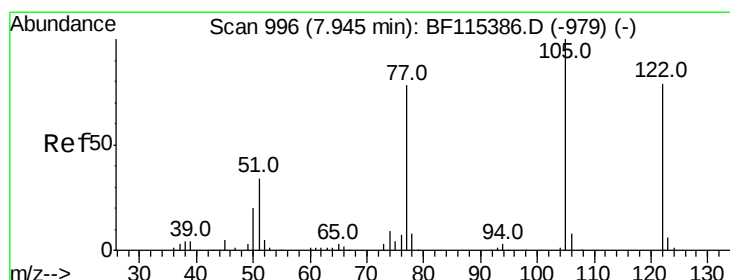
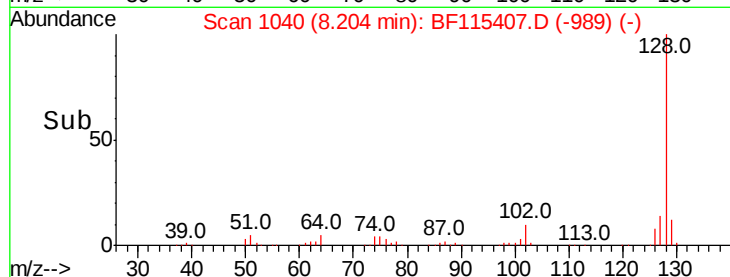
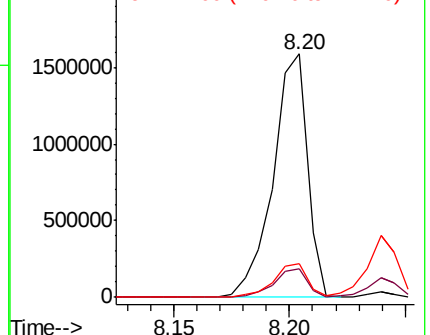
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.072 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

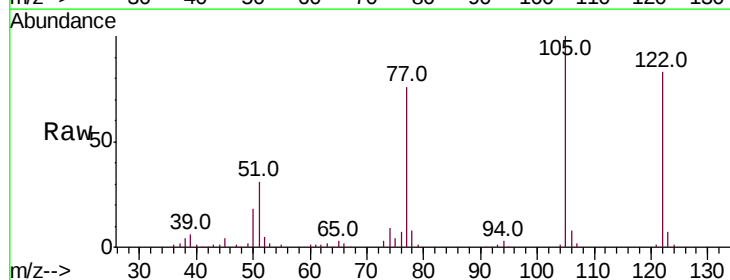
Tgt Ion:122 Resp: 380590

Ion Ratio Lower Upper

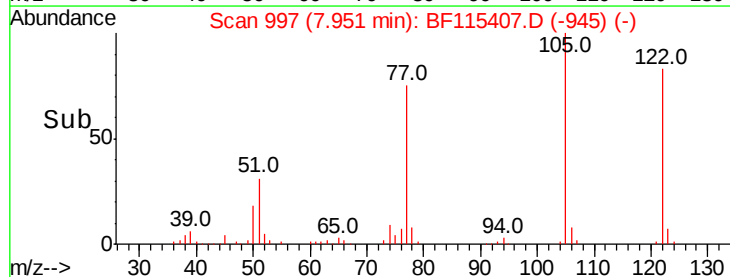
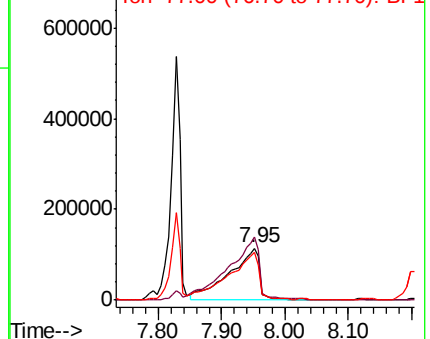
122 100

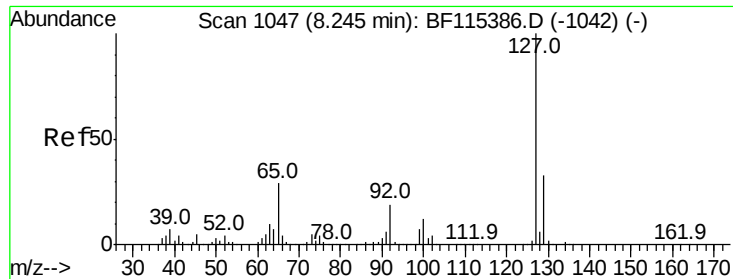
105 121.1 105.1 145.1

77 91.5 77.8 117.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





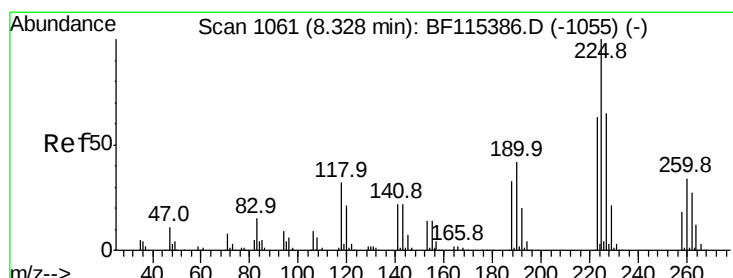
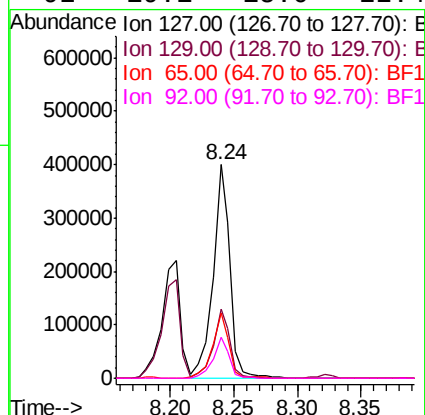
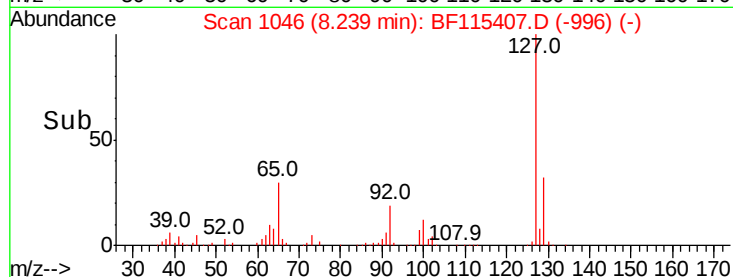
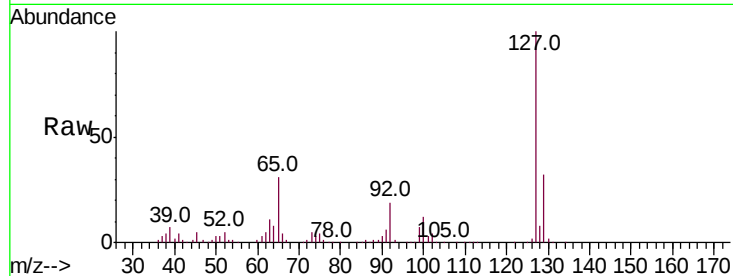
#33
4-Chloroaniline
Concen: 23.284 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121130BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.5	39.7	
65	30.8	23.3	34.9	
92	19.1	15.0	22.4	

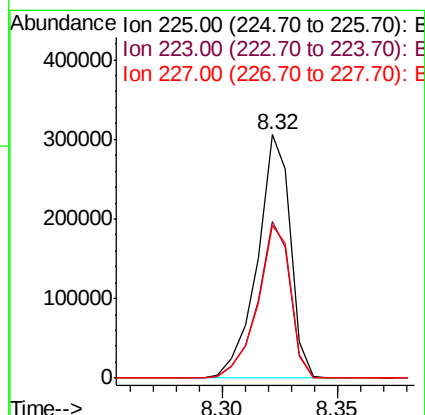
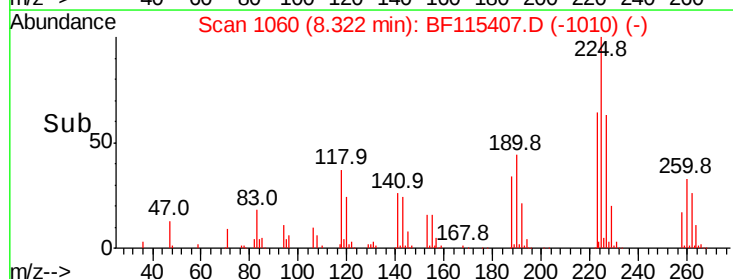
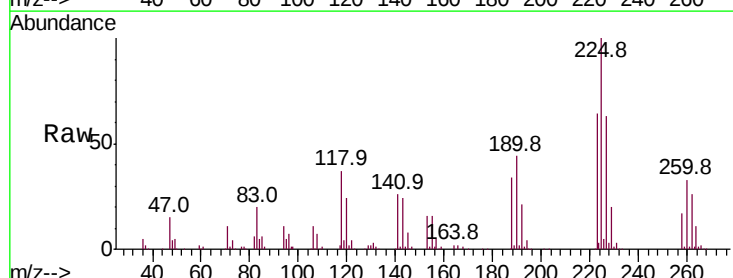
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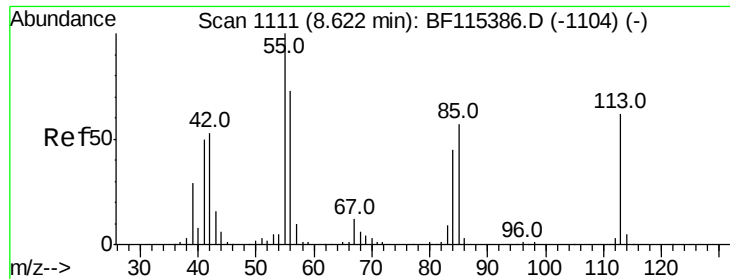
mohammad
7/10/2019 9:04:25 AM



#34
Hexachlorobutadiene
Concen: 44.400 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.4	50.7	76.1	
227	62.9	52.1	78.1	





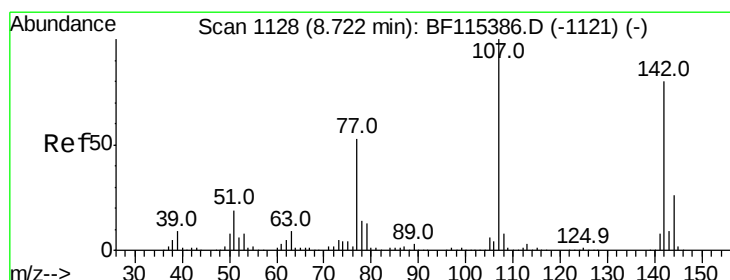
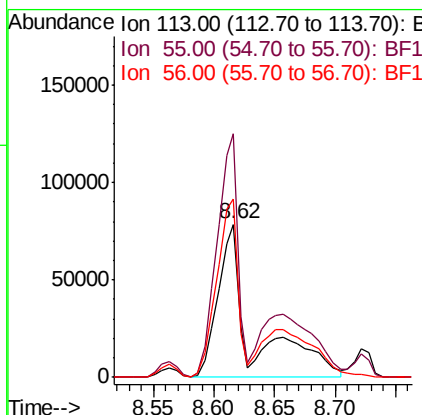
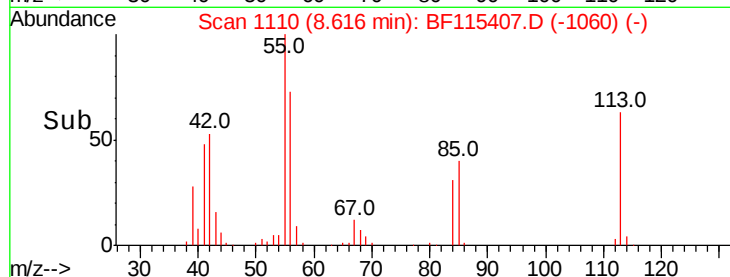
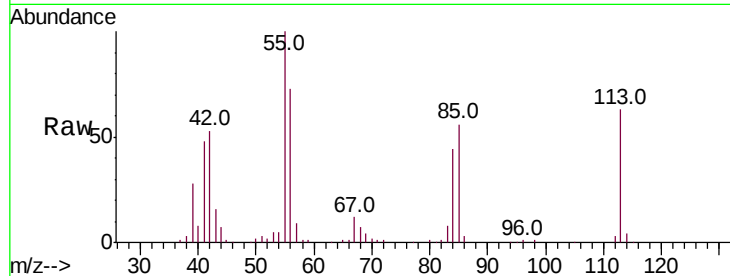
#35
Caprolactam
Concen: 43.272 ng/ml
RT: 8.62 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121130BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.1	141.9	181.9
56	116.4	98.7	138.7

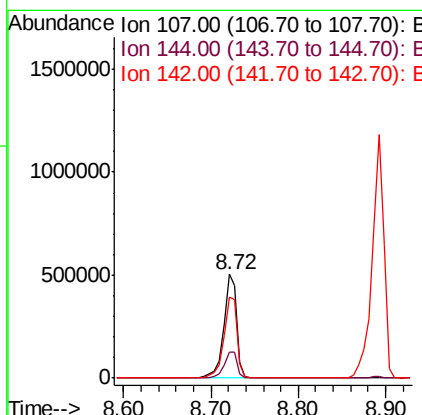
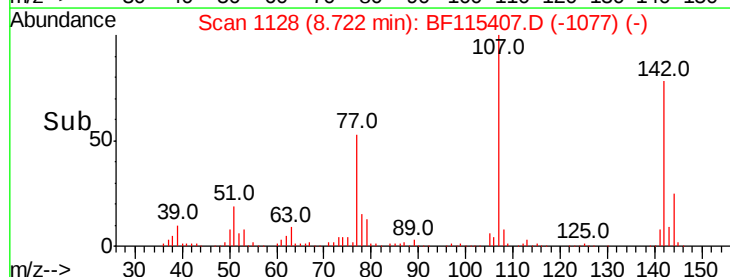
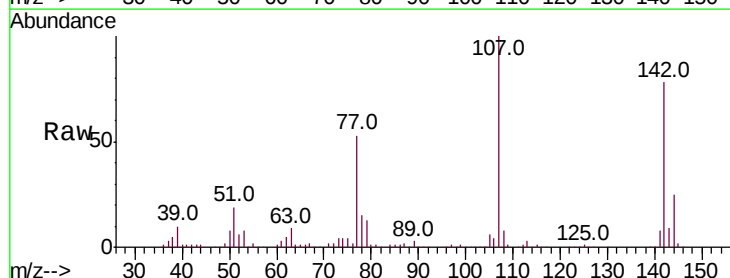
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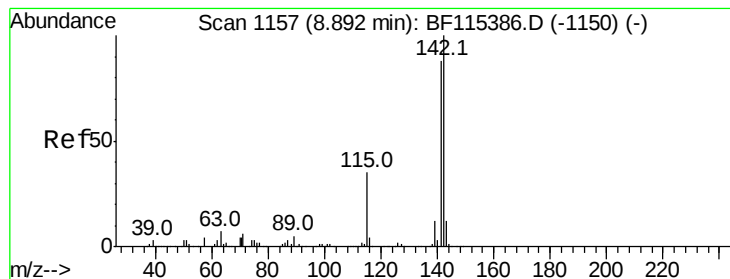
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 44.714 ng/ml
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.8	31.2
142	78.4	64.0	96.0





#37

2-Methylnaphthalene

Concen: 45.849 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB121130BS

Tot Ion:142 Resp: 1103714

Ion Ratio Lower Upper

142 100

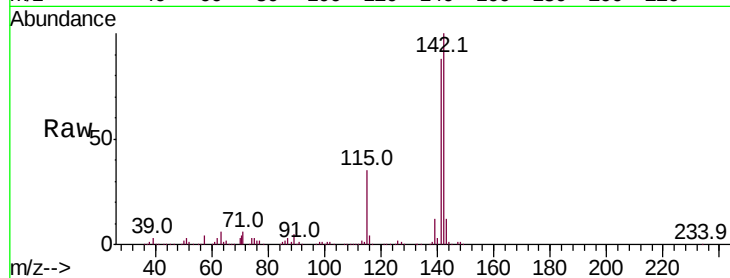
141 87.8 70.6 106.0

115 34.7 27.8 41.8

Manual Integrations
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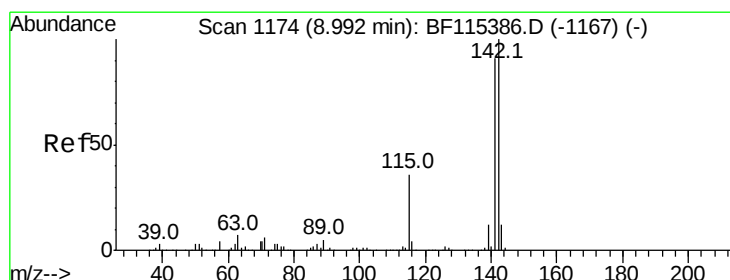
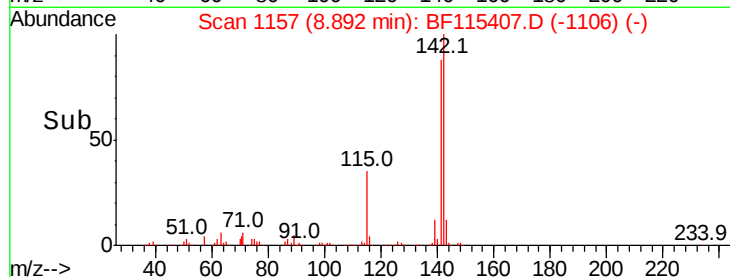
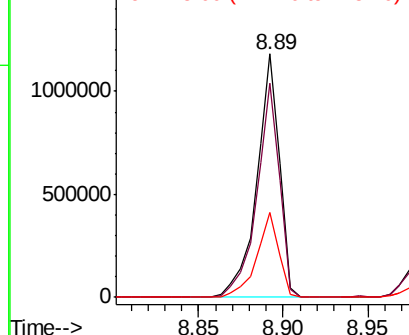


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.317 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

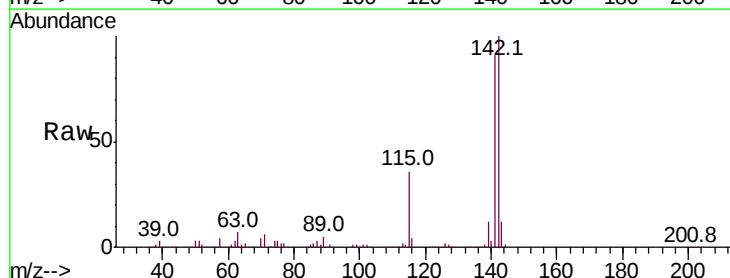
Tgt Ion:142 Resp: 1040857

Ion Ratio Lower Upper

142 100

141 91.2 72.7 109.1

116 3.8 3.0 4.4

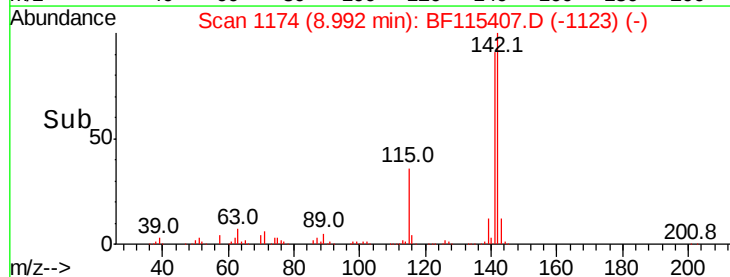
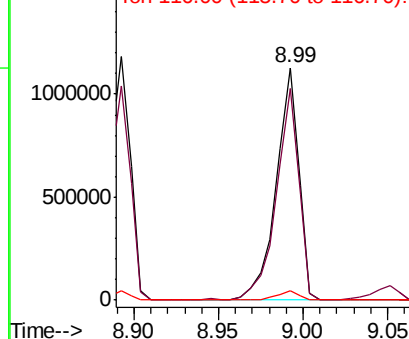


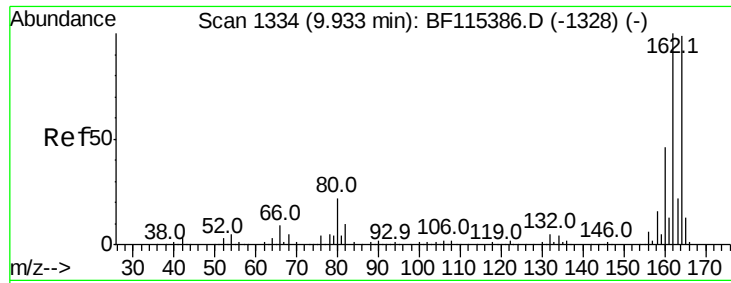
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





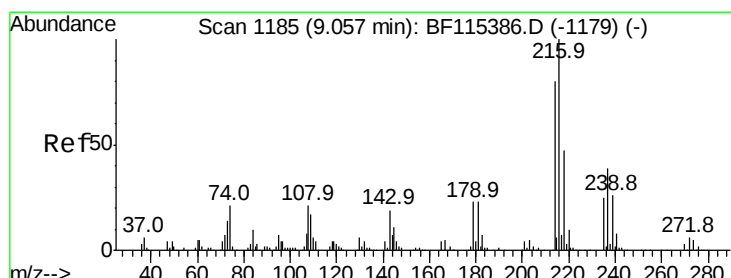
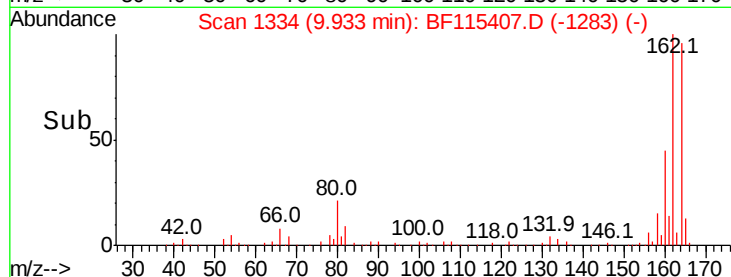
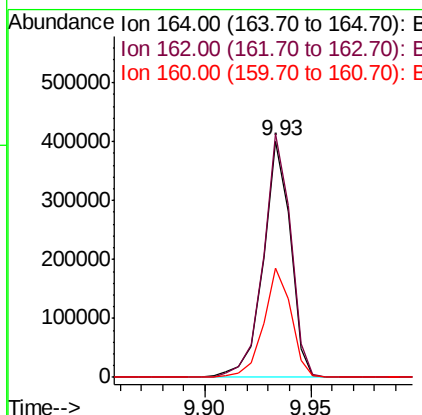
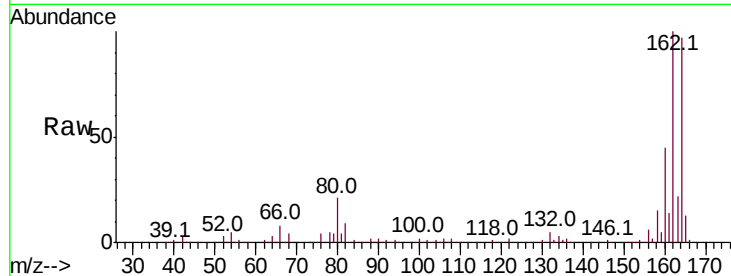
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_F
ClientSampled :
PB121130BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.6	121.0
160	46.4	37.0	55.6

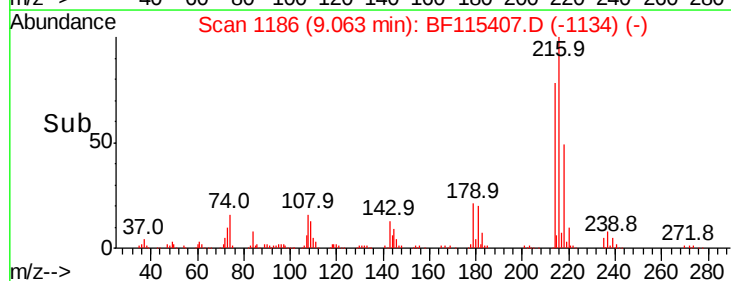
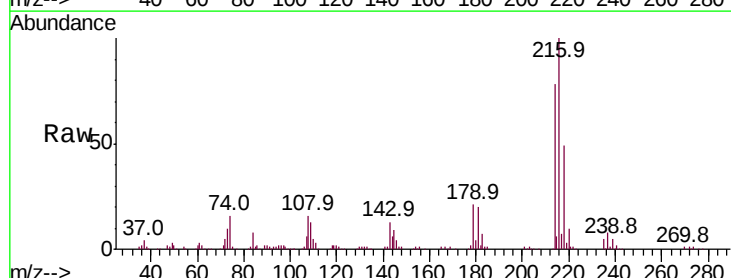
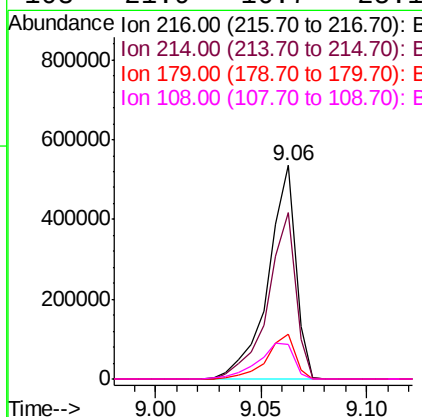
Manual Integrations
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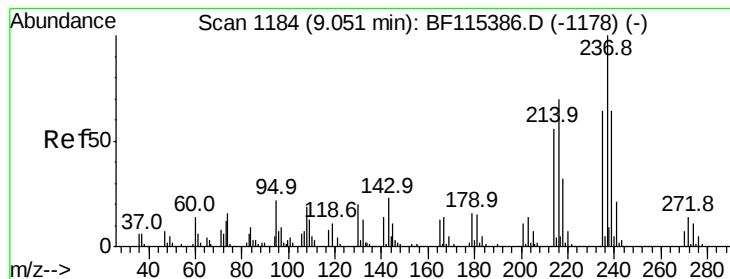
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.125 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.7	95.5
179	21.8	17.8	26.8
108	21.9	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 94.416 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_F

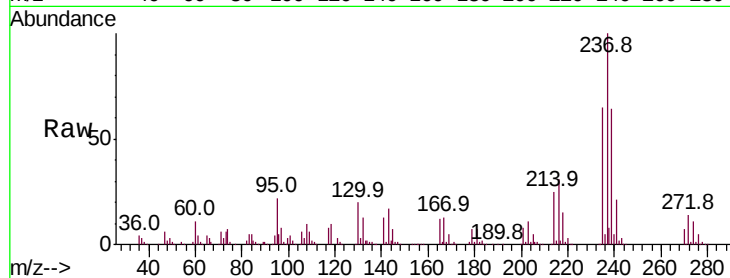
ClientSampleId :

PB121130BS

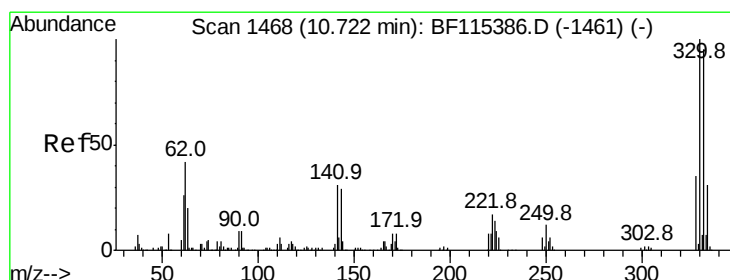
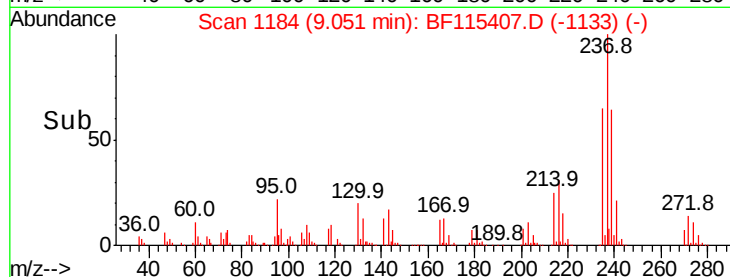
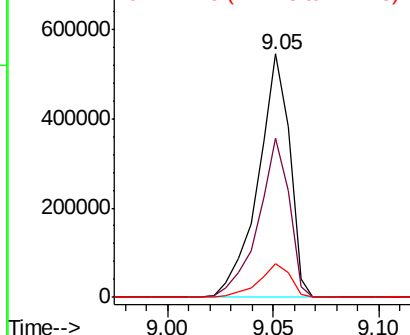
Tot Ion:	237	Resp:	566664
Ion Ratio	Lower	Upper	
237	100		
235	65.3	44.4	84.4
272	13.6	0.0	33.7

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 130.527 ng

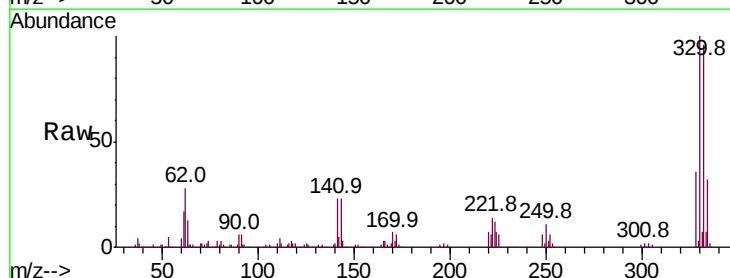
RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

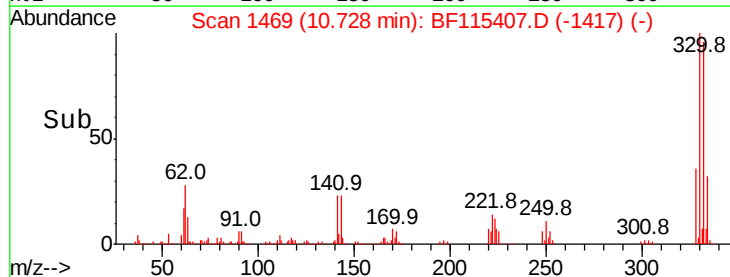
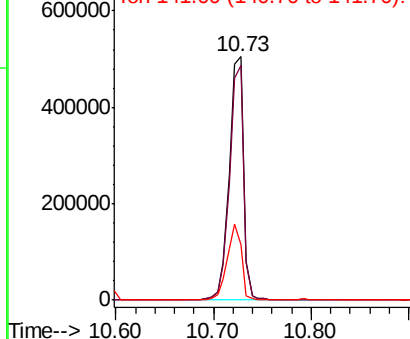
Lab File: BF115407.D

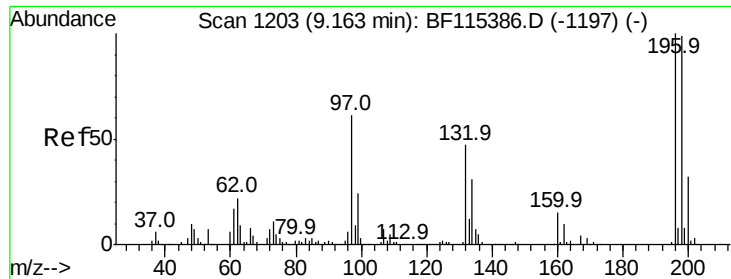
Acq: 8 Jul 2019 15:54

Tgt Ion:	330	Resp:	519472
Ion Ratio	Lower	Upper	
330	100		
332	94.7	76.3	114.5
141	31.1	27.0	40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





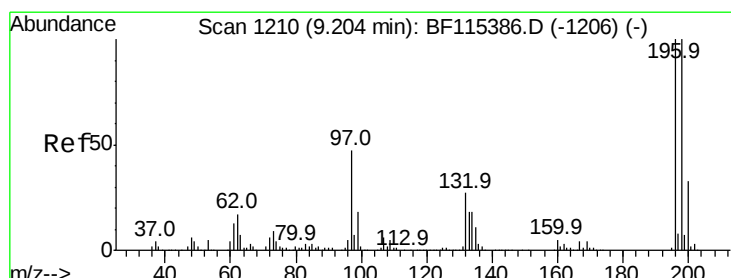
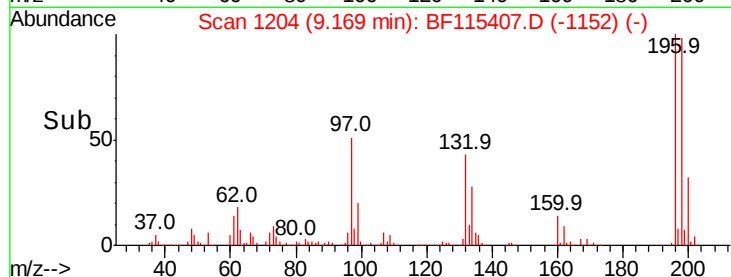
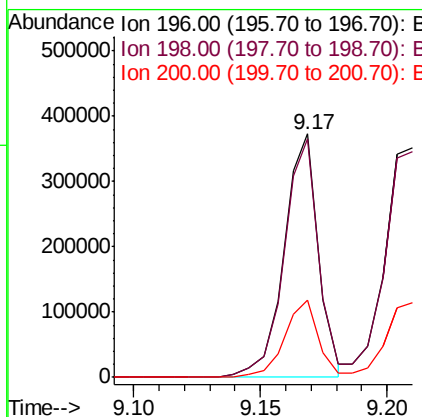
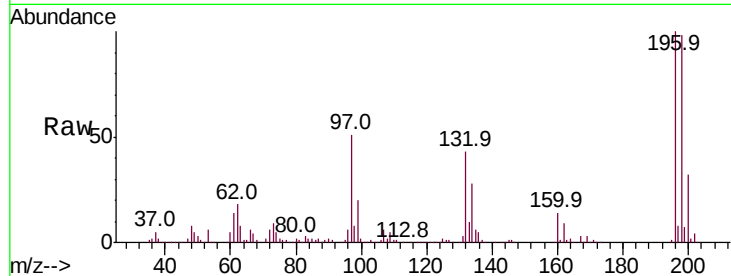
#43
 2,4,6-Trichlorophenol
 Concen: 46.541 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Instrument :
 BNA_F
 ClientSampled :
 PB121130BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	350867		
198	97.8	79.5	119.3	
200	31.9	25.8	38.8	

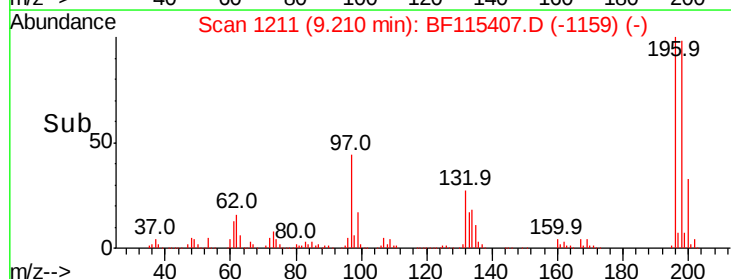
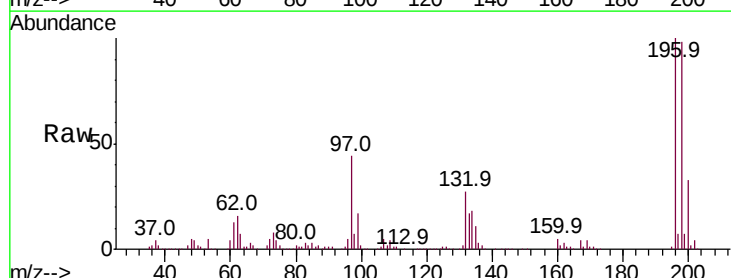
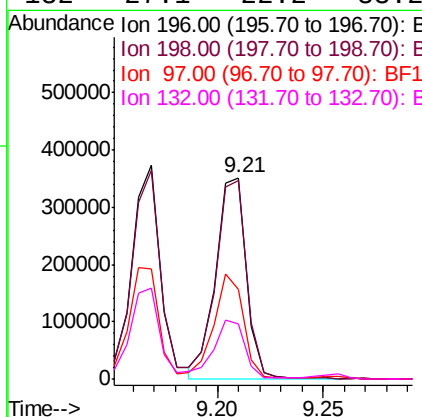
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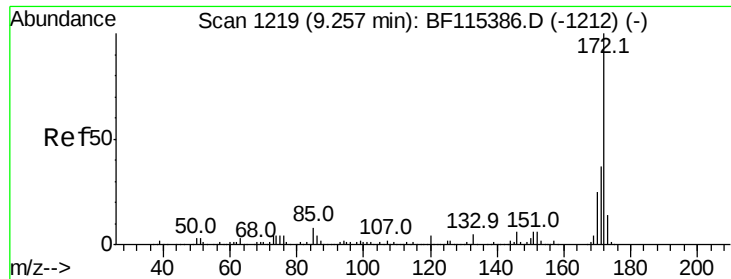
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#44
 2,4,5-Trichlorophenol
 Concen: 45.506 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	355727		
198	98.2	80.3	120.5	
97	44.3	38.3	57.5	
132	27.1	22.2	33.2	





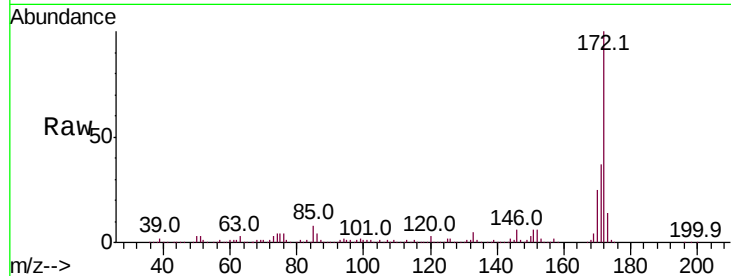
#45
2-Fluorobiphenyl
Concen: 94.324 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121130BS

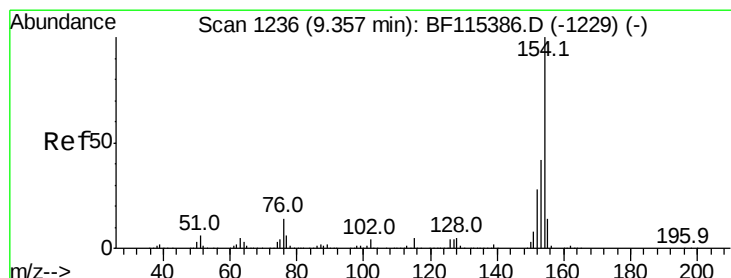
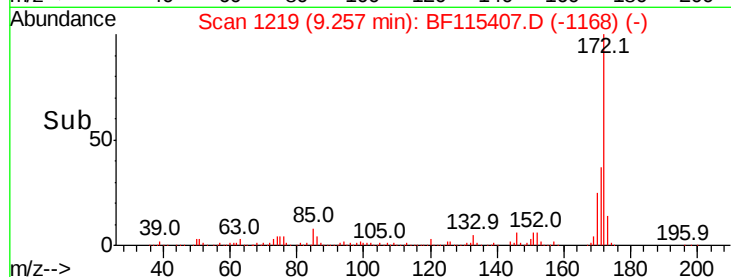
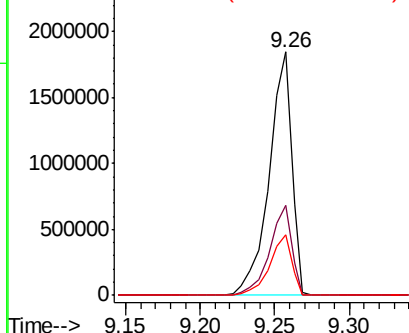
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.8
170	25.1	20.2	30.4

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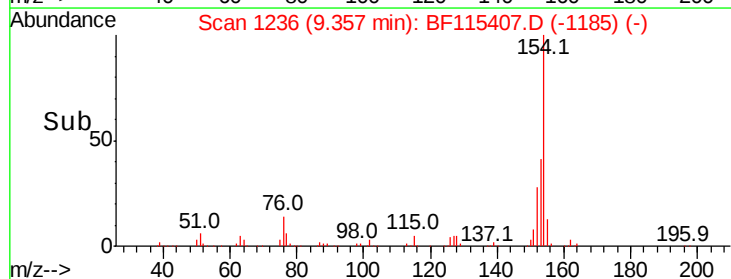
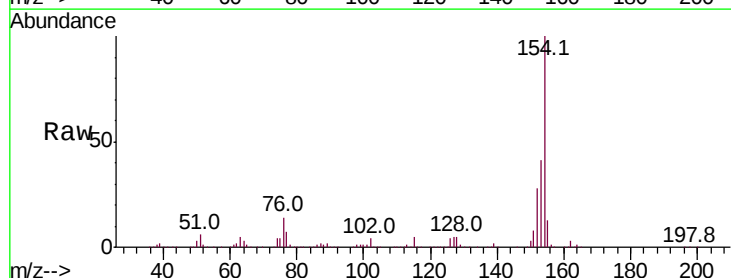
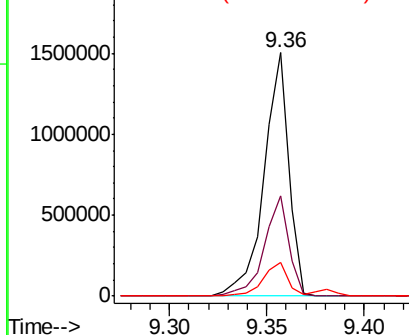
Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

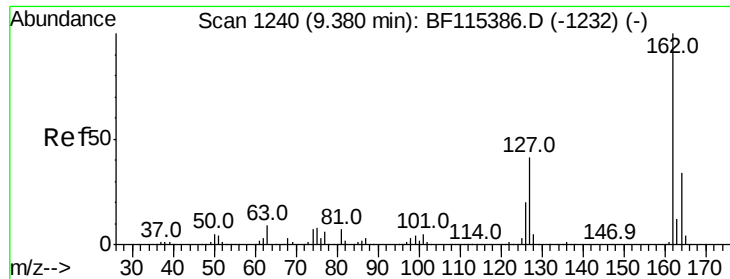


#46
1,1'-Biphenyl
Concen: 46.697 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.9	61.9
76	13.6	0.0	34.3

Abundance Ion 154.00 (153.70 to 154.70): E
2000000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





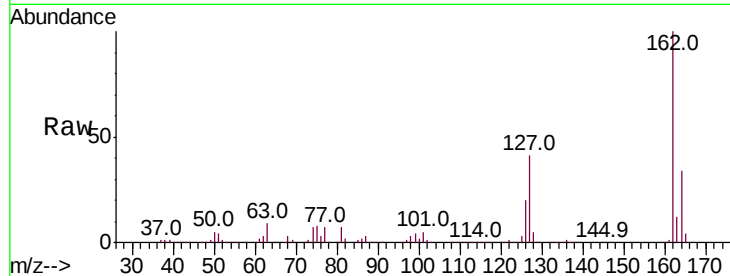
#47
 2-Chloronaphthalene
 Concen: 44.820 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Instrument :
 BNA_F
 ClientSampled :
 PB121130BS

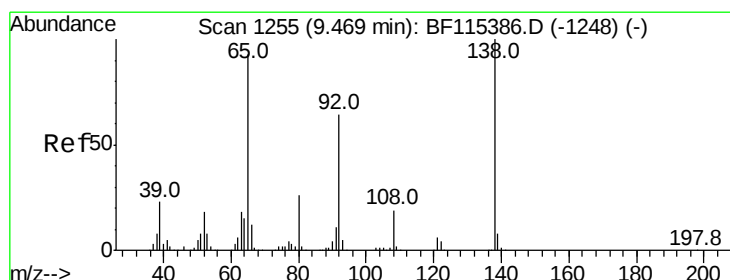
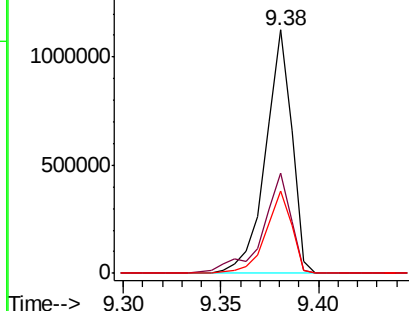
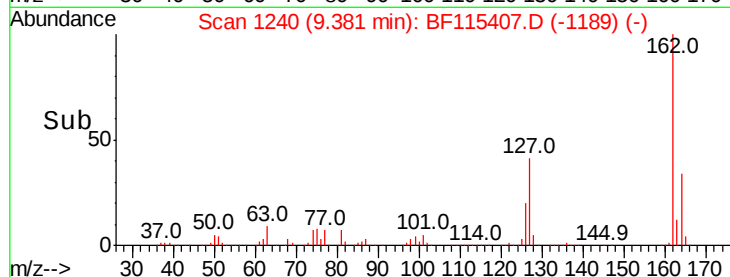
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.8	49.2
164	34.0	27.0	40.6

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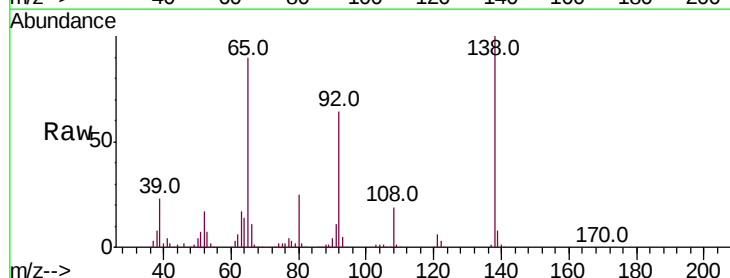


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

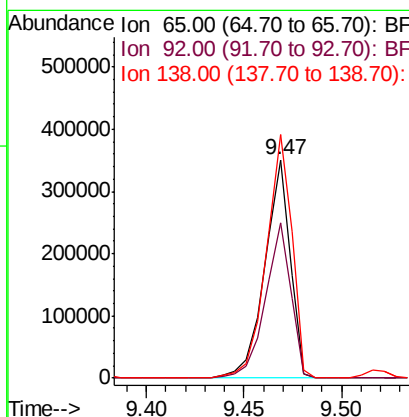
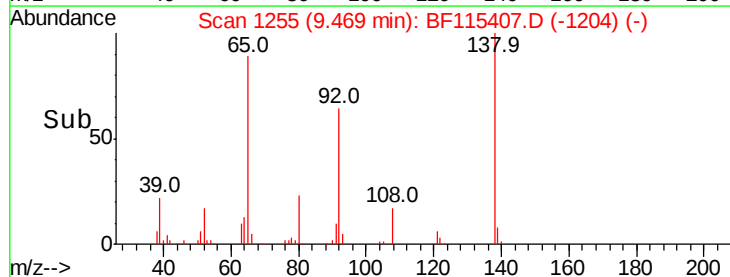


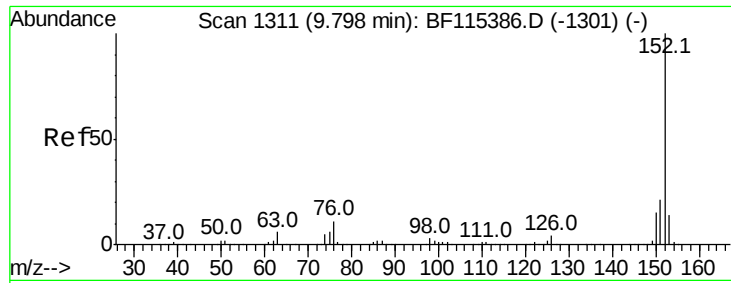
#48
 2-Nitroaniline
 Concen: 46.242 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	55.4	83.0
138	111.5	85.8	128.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.163 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB121130BS

Tot Ion:152 Resp: 1599175

Ion Ratio Lower Upper

152 100

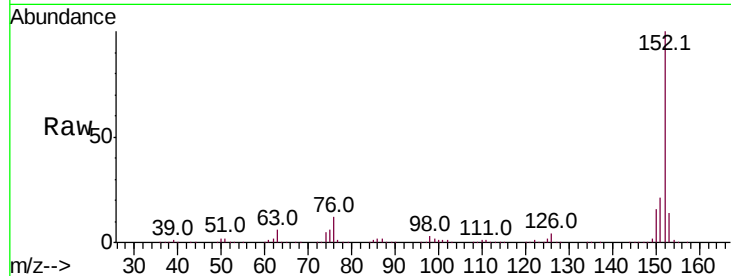
151 21.3 17.0 25.4

153 14.4 11.4 17.2

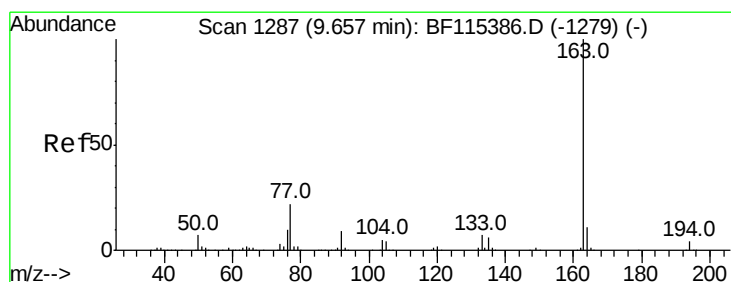
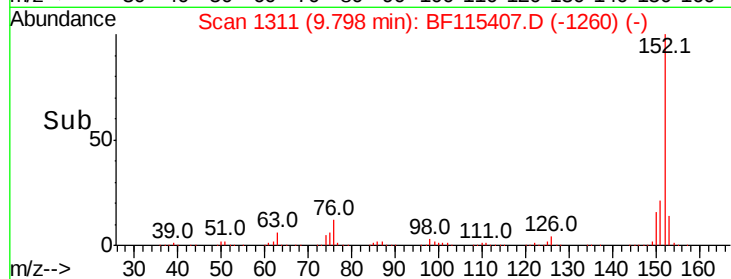
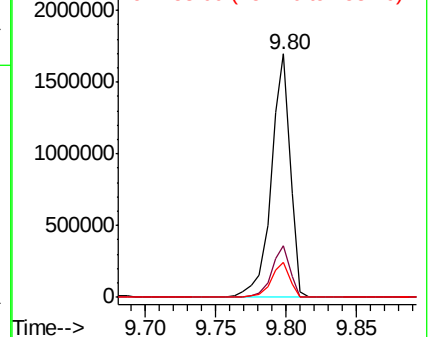
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.888 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

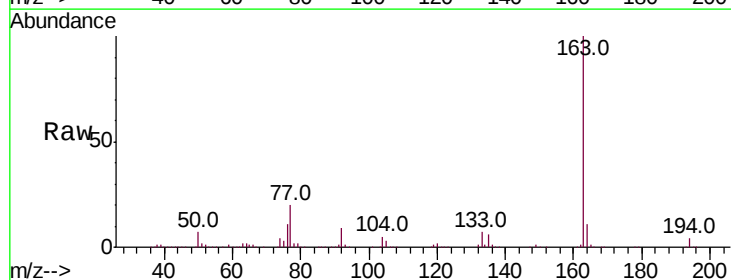
Tgt Ion:163 Resp: 1185699

Ion Ratio Lower Upper

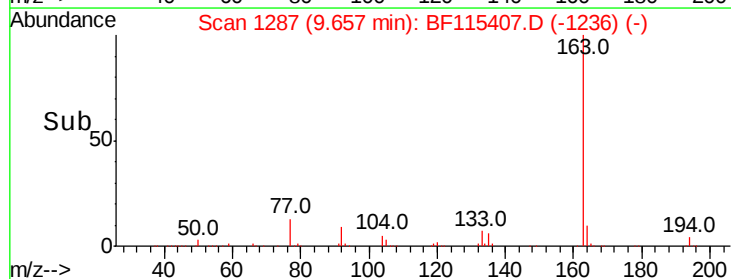
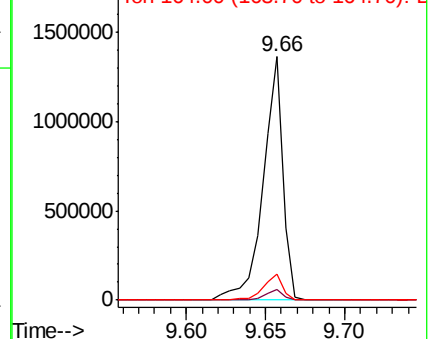
163 100

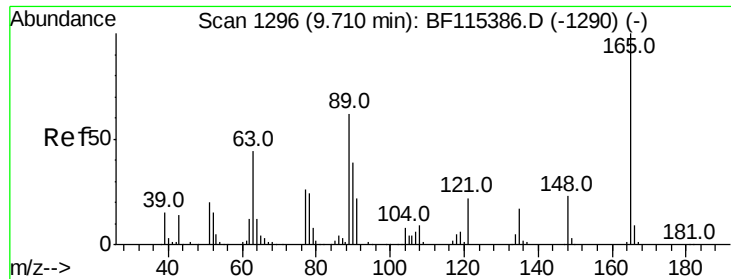
194 4.1 3.2 4.8

164 10.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.460 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_F

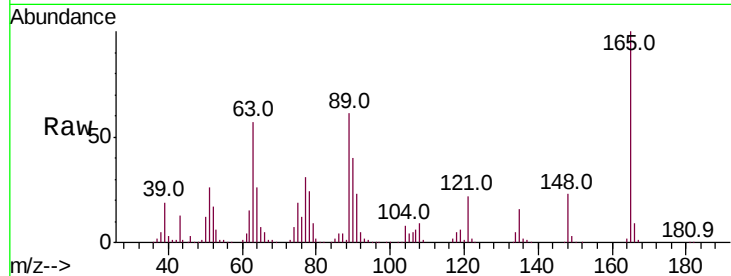
ClientSampleId :

PB121130BS

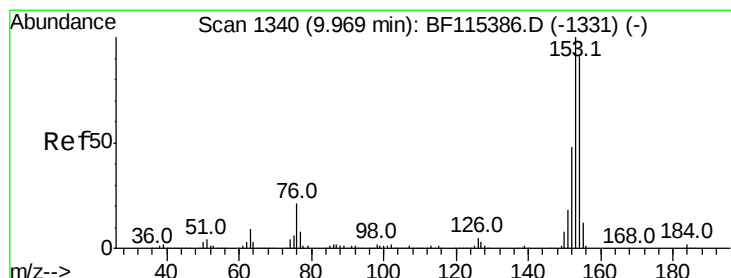
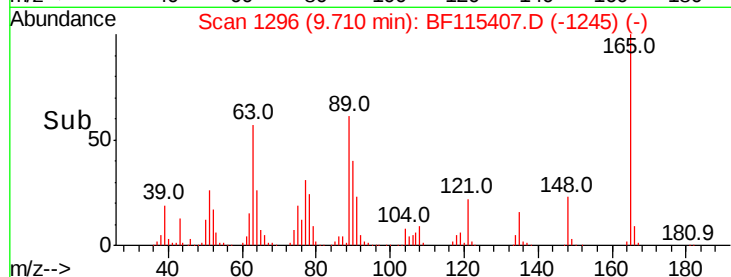
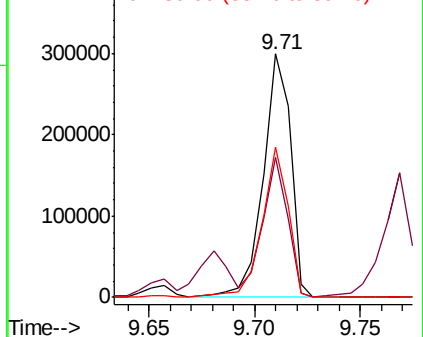
Tot Ion:	165	Resp:	272224
Ion Ratio	Lower	Upper	
165	100		
63	57.4	45.8	68.6
89	61.5	49.9	74.9

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 49.695 ng

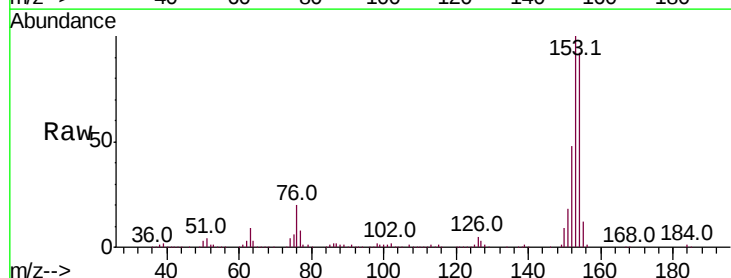
RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

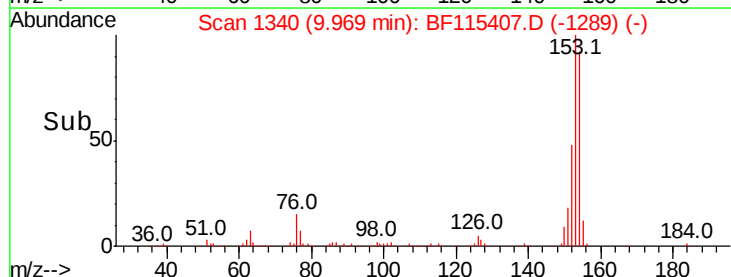
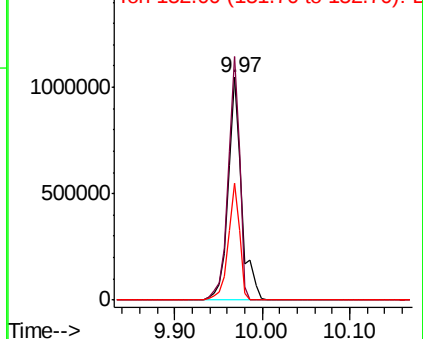
Lab File: BF115407.D

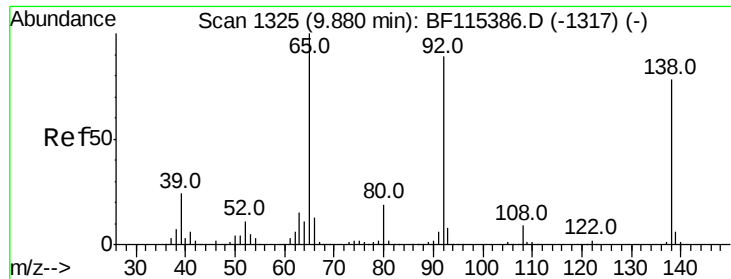
Acq: 8 Jul 2019 15:54

Tgt Ion:	154	Resp:	1107435
Ion Ratio	Lower	Upper	
154	100		
153	109.1	87.9	131.9
152	52.2	42.2	63.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





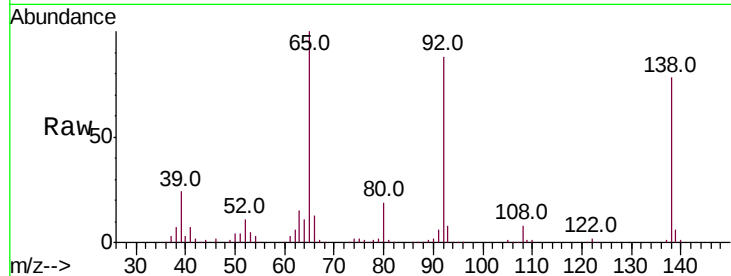
#53
3-Nitroaniline
Concen: 29.944 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121130BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.0	13.4
92	113.0	90.5	135.7

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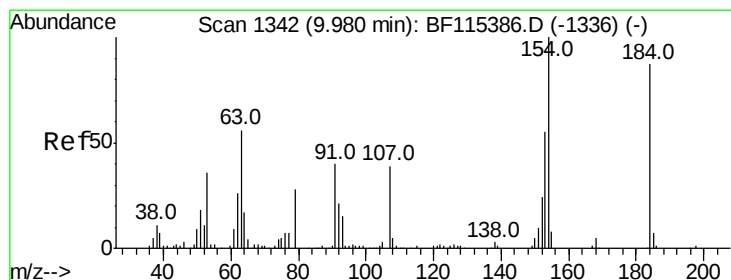
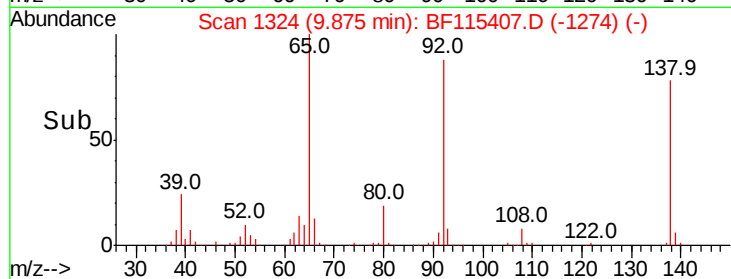
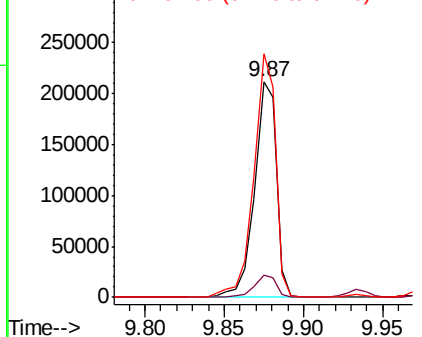


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 97.331 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

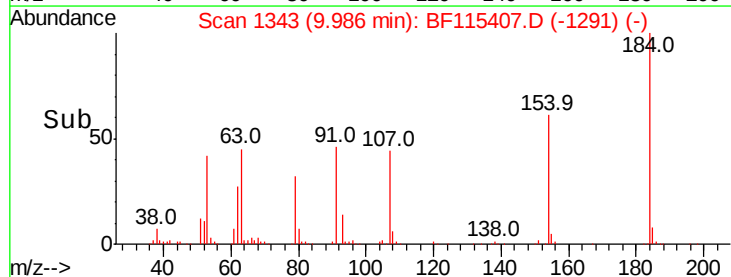
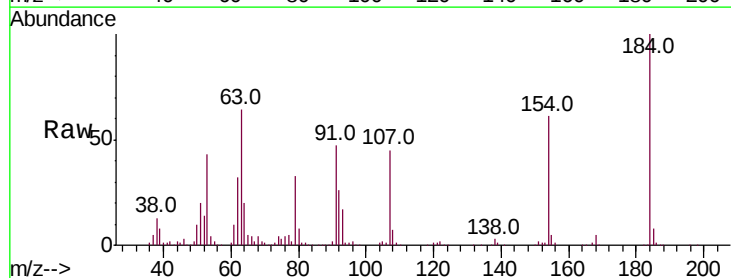
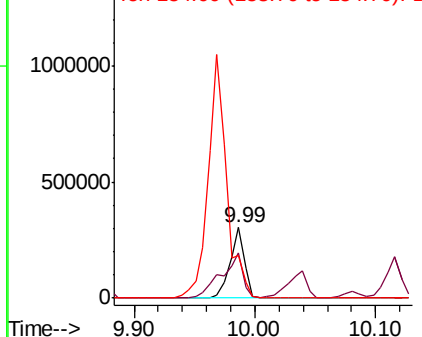
Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.9	52.1	78.1
154	61.4	97.7	146.5#

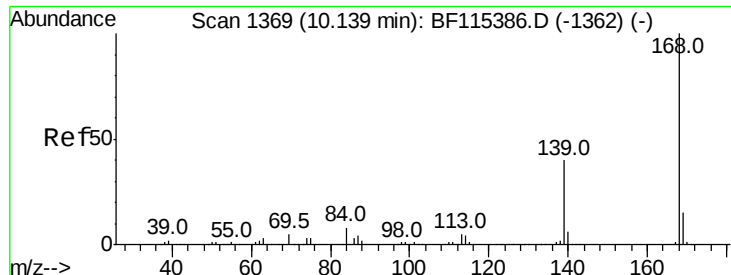
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





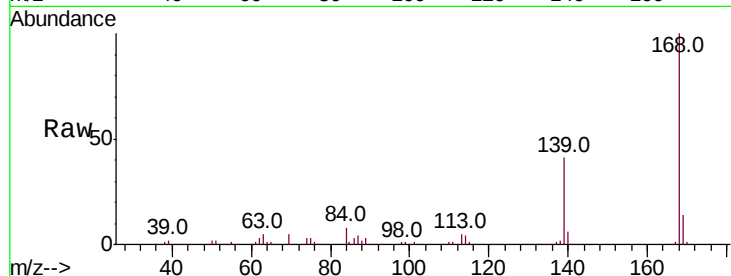
#55
Dibenzofuran
Concen: 45.751 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121130BS

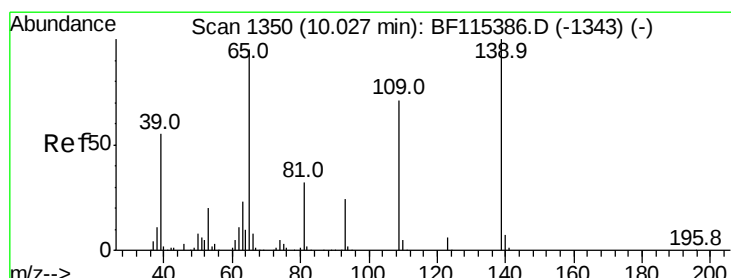
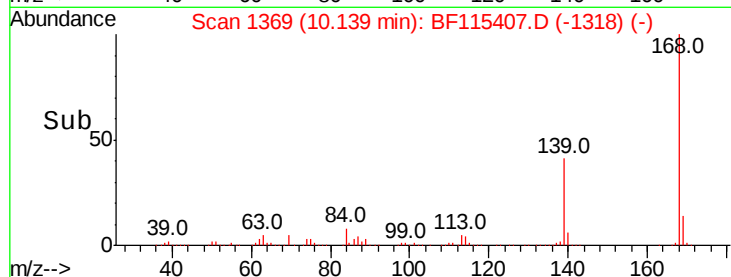
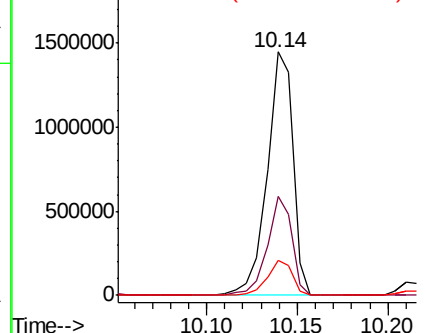
Tot Ion:168 Resp: 1436215
Ion Ratio Lower Upper
168 100
139 40.6 32.2 48.2
169 14.4 11.7 17.5

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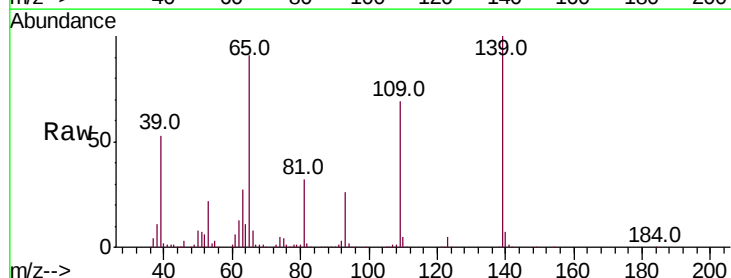


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

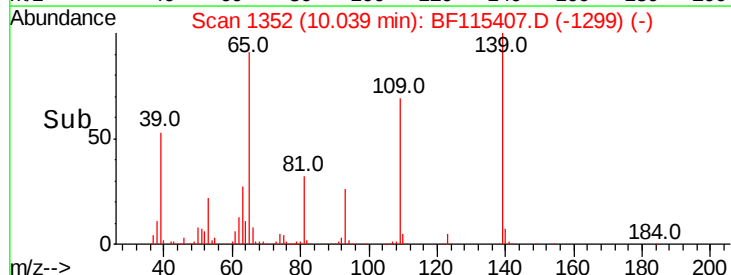
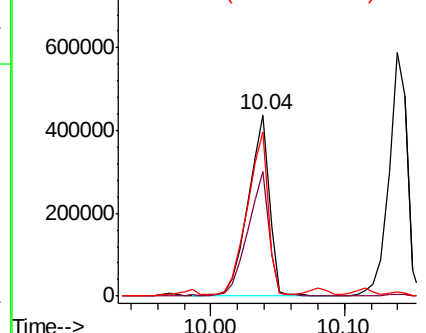


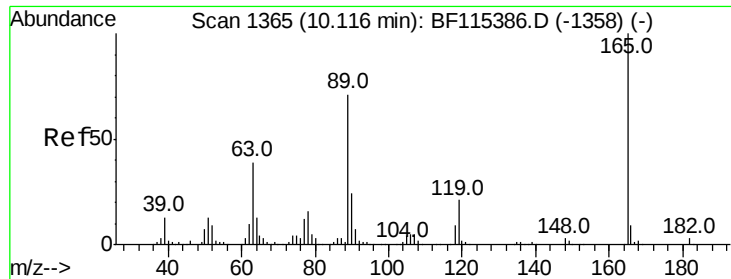
#56
4-Nitrophenol
Concen: 90.020 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion:139 Resp: 473964
Ion Ratio Lower Upper
139 100
109 68.6 51.1 91.1
65 90.7 75.2 115.2



Abundance Ion 139.00 (138.70 to 139.70): E
800000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





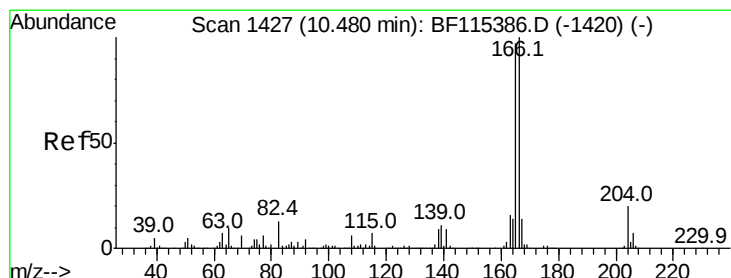
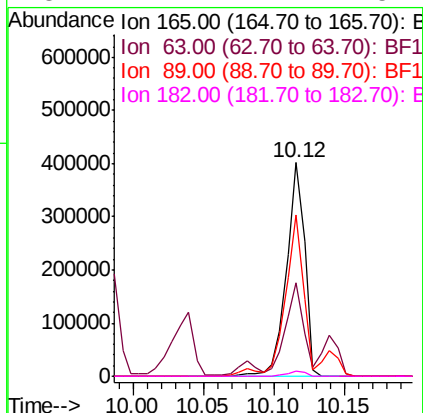
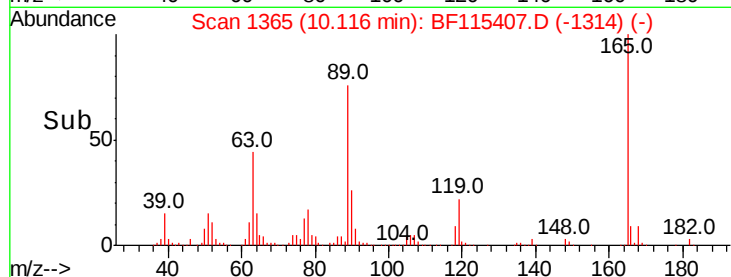
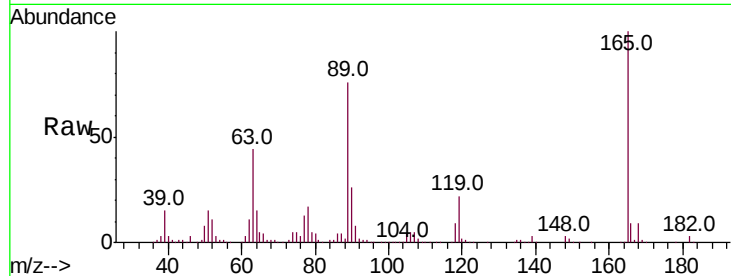
#57
2,4-Dinitrotoluene
Concen: 48.495 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121130BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.8	31.4	47.0	
89	75.6	57.1	85.7	
182	2.7	2.2	3.2	

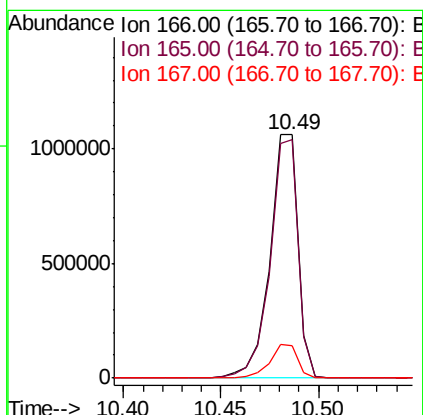
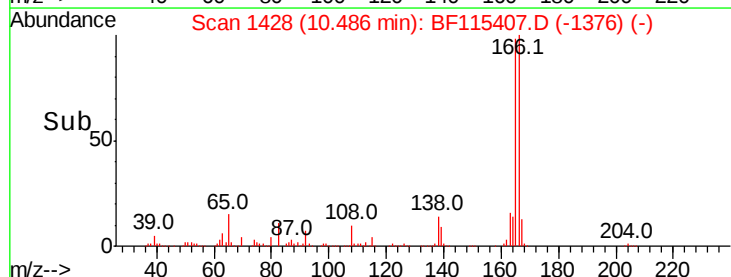
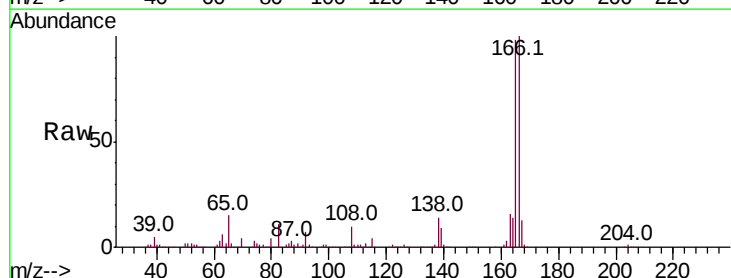
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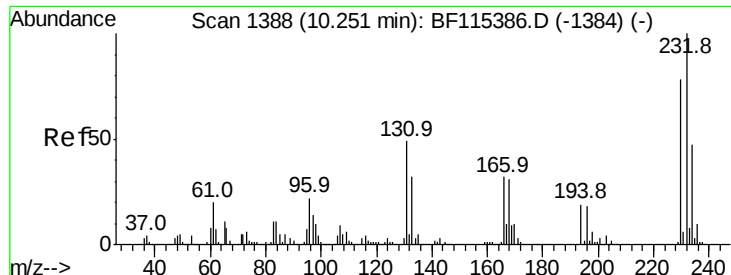
mohammad
7/10/2019 9:04:25 AM



#58
Fluorene
Concen: 42.795 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.8	77.8	116.6	
167	13.2	11.0	16.6	





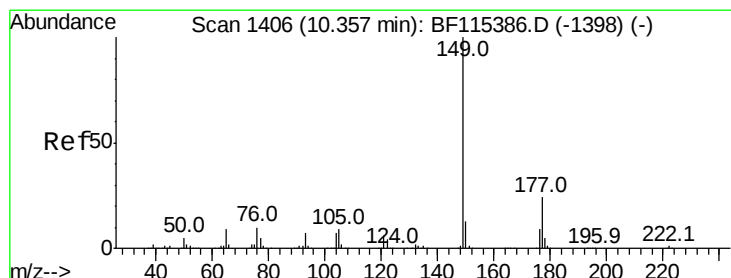
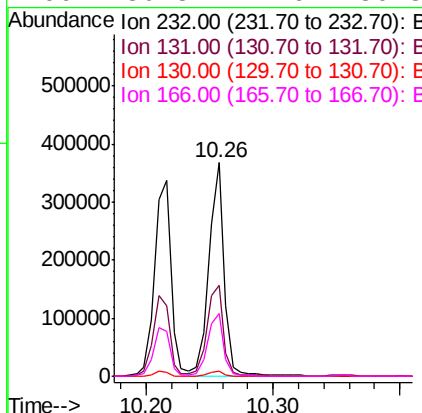
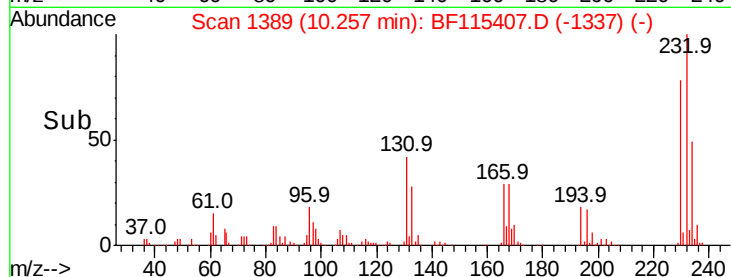
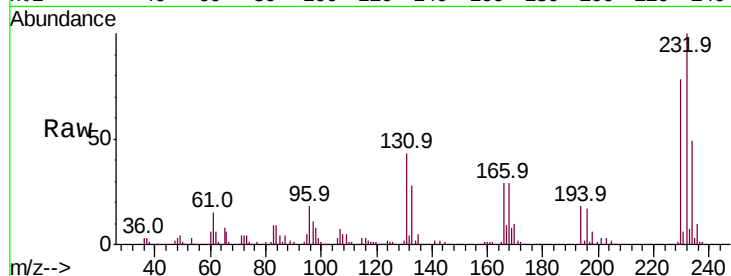
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.939 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121130BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.4	36.6	55.0
130	2.3	1.8	2.8
166	30.8	24.6	36.8

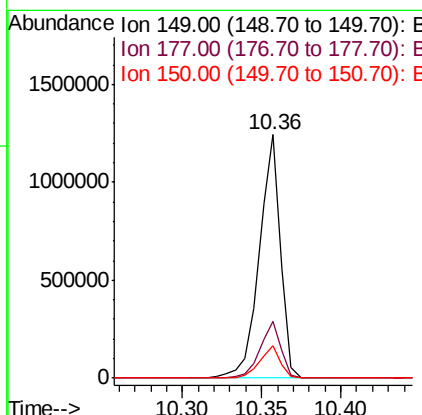
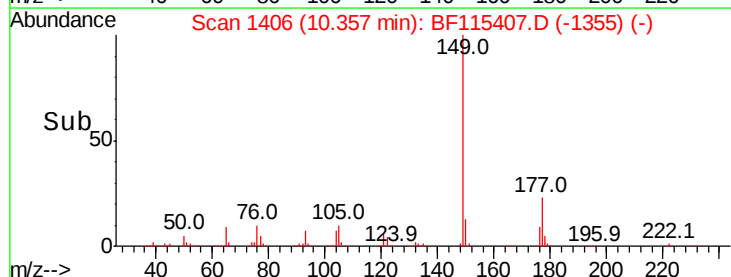
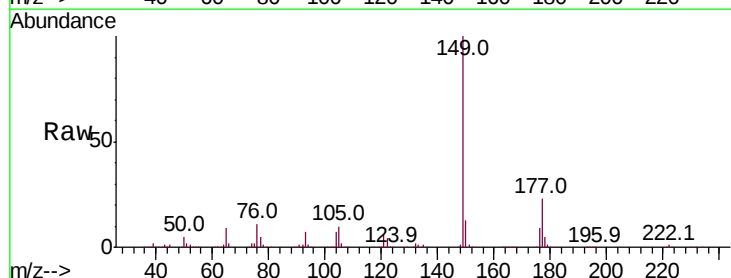
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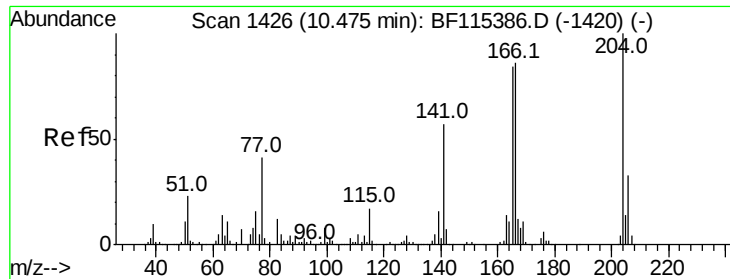
mohammad
 7/10/2019 9:04:25 AM



#60
 Diethylphthalate
 Concen: 43.533 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.8	28.2
150	13.1	10.2	15.2





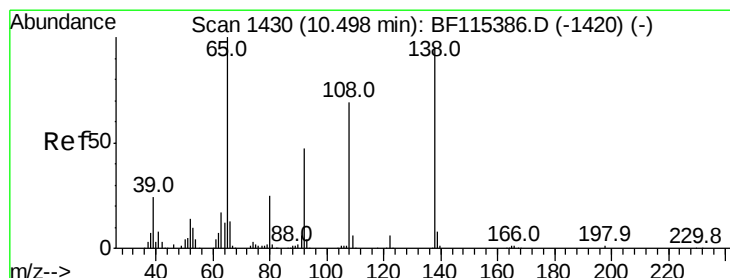
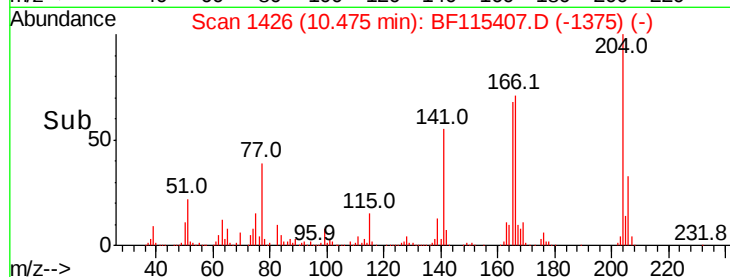
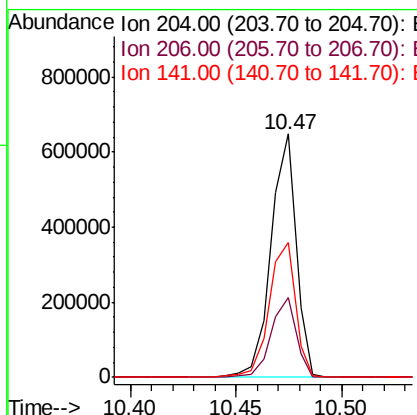
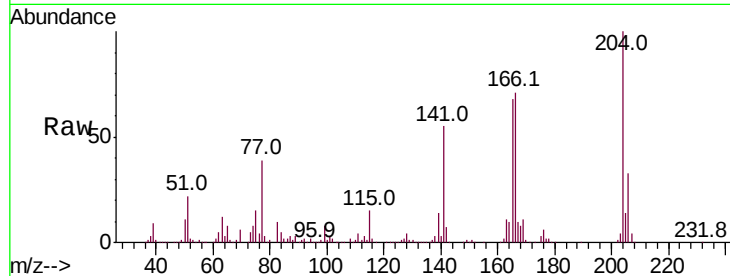
#61
 4-Chlorophenyl-phenylether
 Concen: 44.698 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Instrument :
 BNA_F
 ClientSampleID :
 PB121130BS

Tot Ion:	204	Resp:	539869
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.1	39.1
141	55.4	45.8	68.6

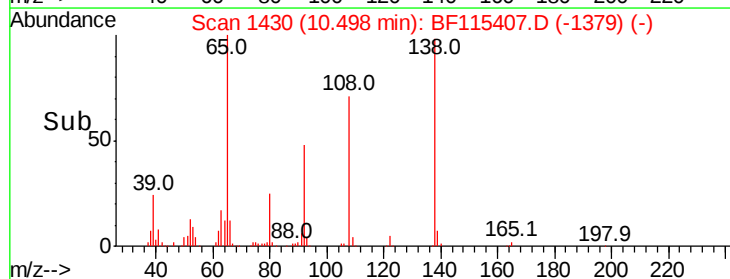
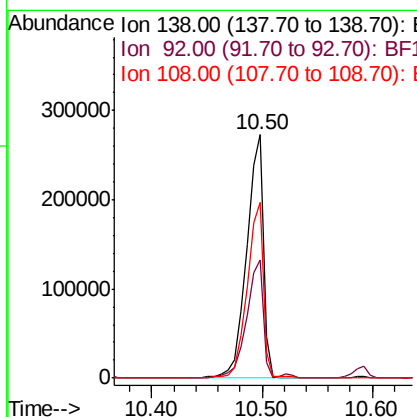
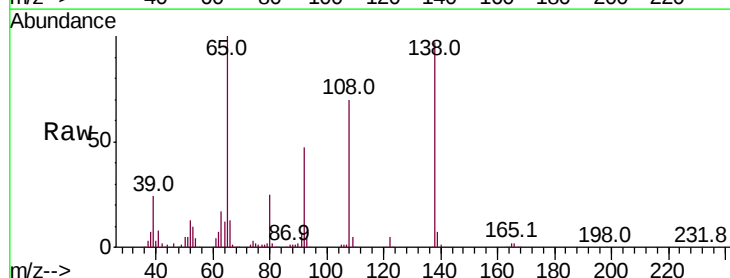
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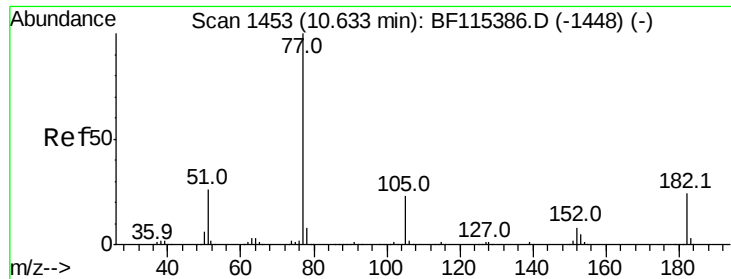
mohammad
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#62
 4-Nitroaniline
 Concen: 43.932 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Tgt Ion:	138	Resp:	293463
Ion Ratio	Lower	Upper	
138	100		
92	48.4	29.3	69.3
108	72.1	53.2	93.2





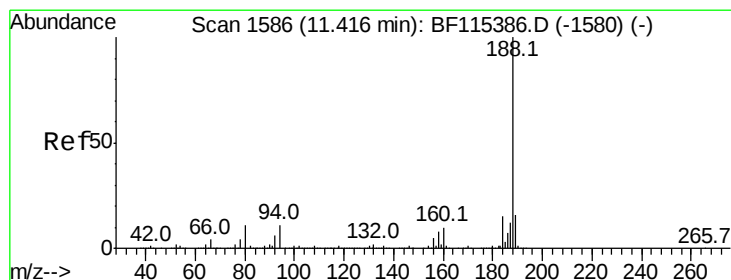
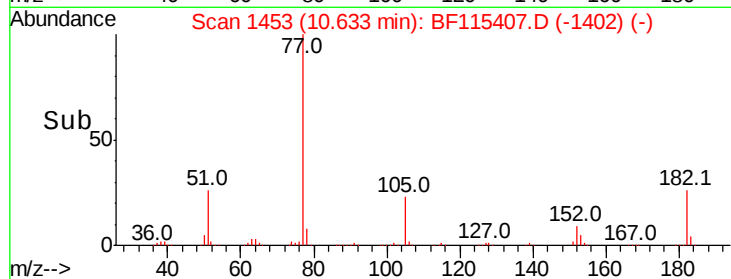
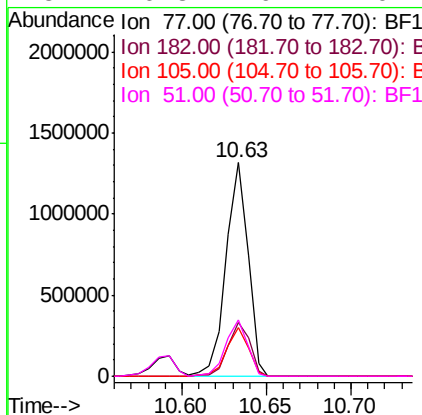
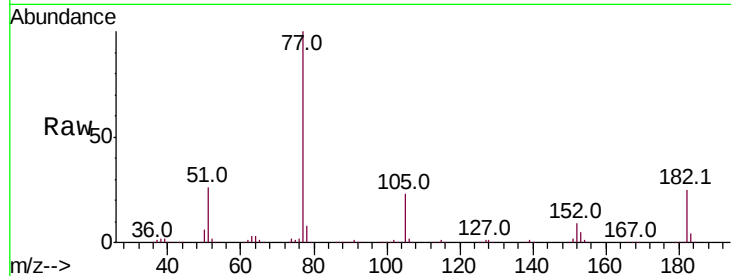
#63
Azobenzene
Concen: 43.548 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121130BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.5	4.1	44.1
105	23.1	2.6	42.6
51	26.3	6.4	46.4

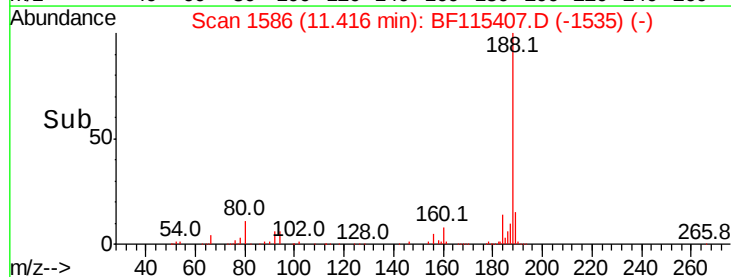
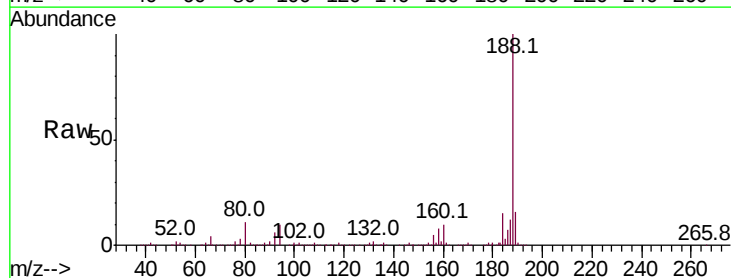
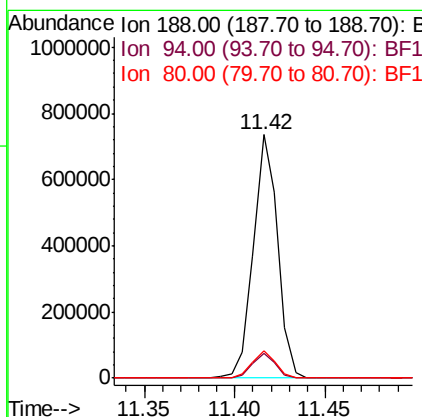
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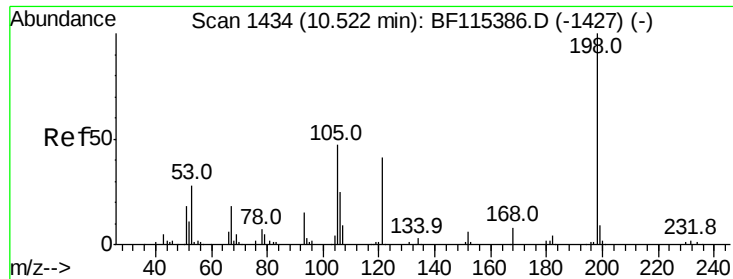
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.2	9.1	13.7





#65

4,6-Dinitro-2-methylphenol

Concen: 51.413 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_F

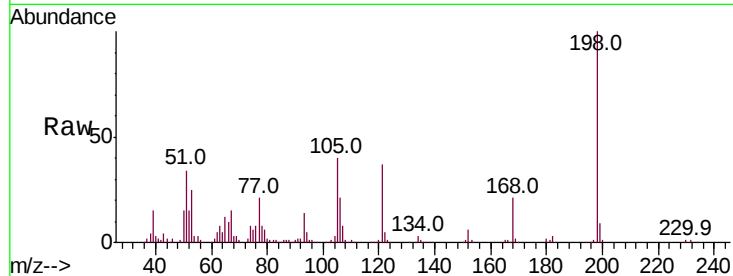
ClientSampleId :

PB121130BS

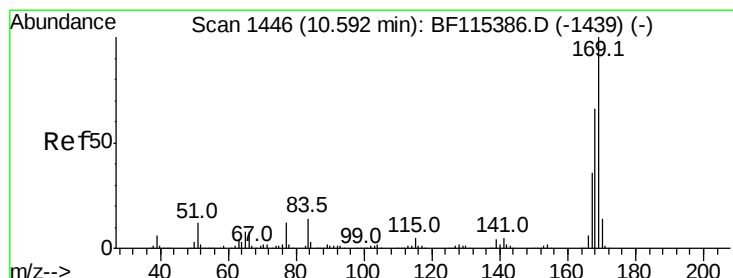
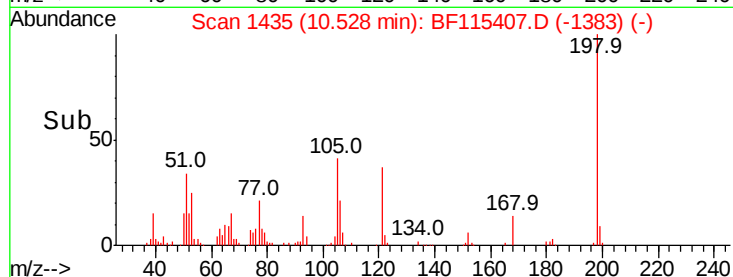
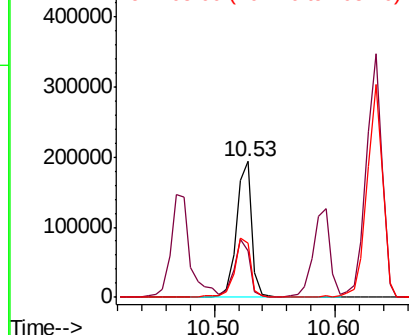
Tot Ion:	198	Resp:	170030
Ion Ratio	Lower	Upper	
198	100		
51	33.9	25.4	65.4
105	40.4	27.9	67.9

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.637 ng

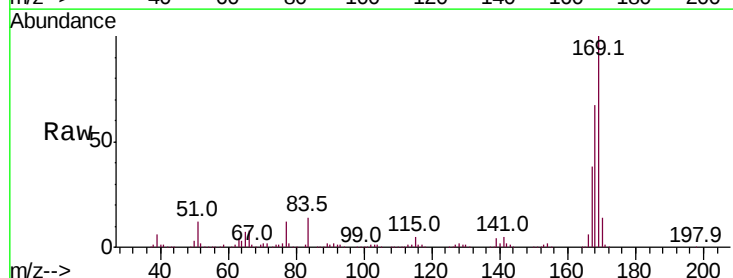
RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

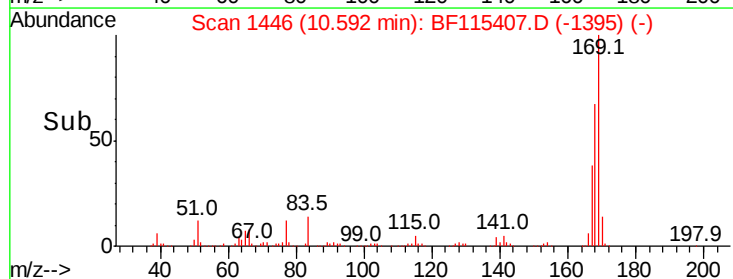
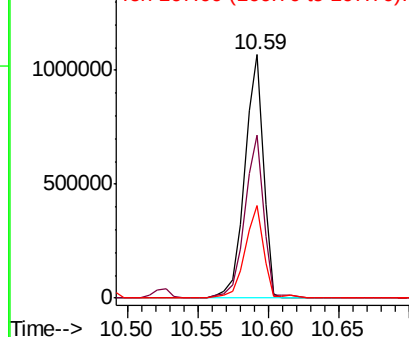
Lab File: BF115407.D

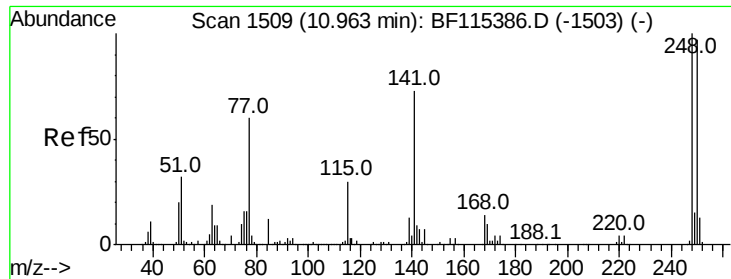
Acq: 8 Jul 2019 15:54

Tgt Ion:	169	Resp:	980536
Ion Ratio	Lower	Upper	
169	100		
168	67.0	52.6	79.0
167	37.8	29.2	43.8



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





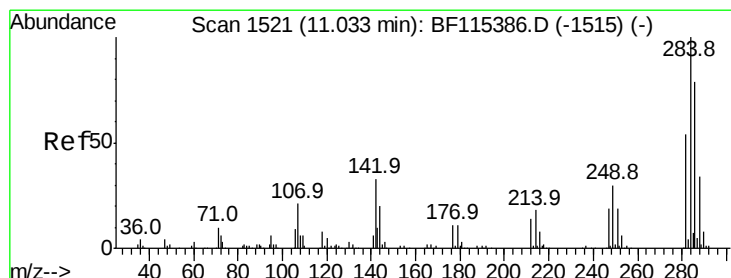
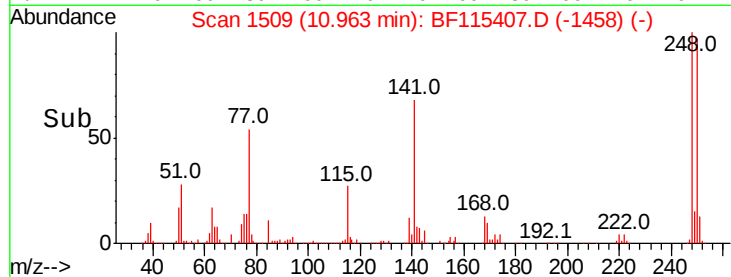
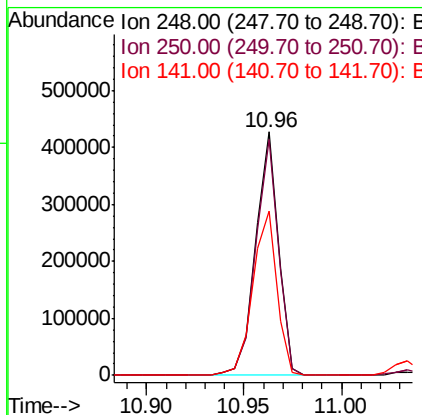
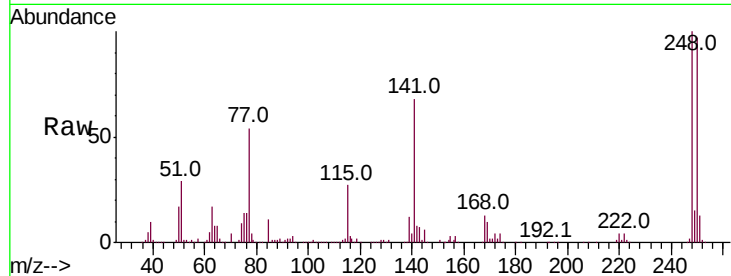
#67
 4-Bromophenyl-phenylether
 Concen: 45.361 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Instrument :
 BNA_F
 ClientSampleID :
 PB121130BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.3	115.9
141	67.7	58.5	87.7

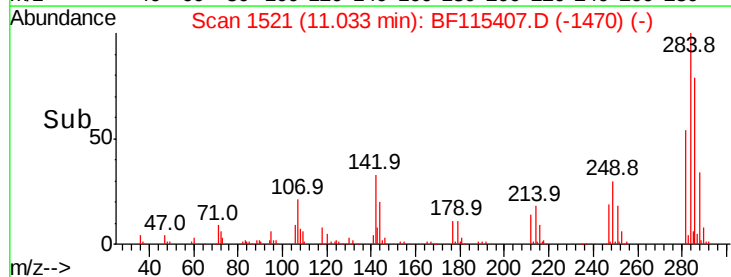
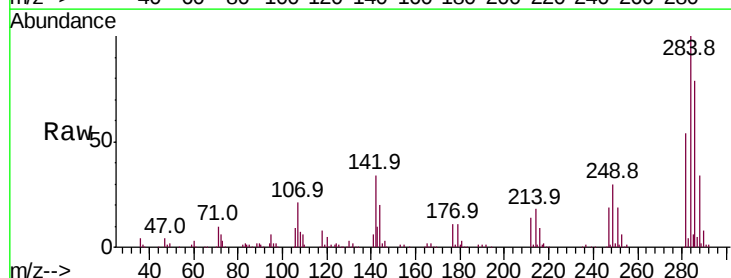
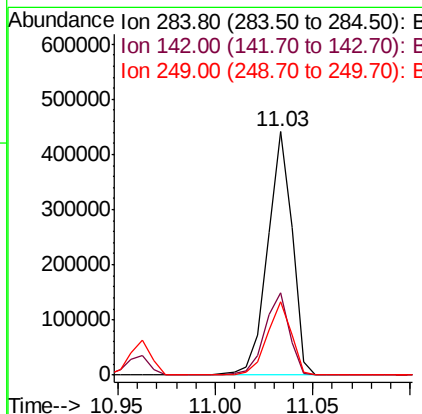
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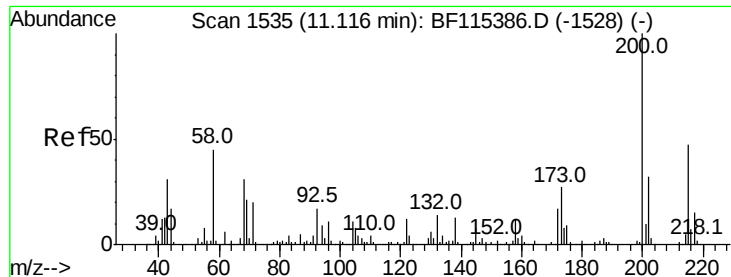
mohammad
 7/10/2019 9:04:25 AM



#68
 Hexachlorobenzene
 Concen: 44.665 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	26.5	39.7
249	30.2	24.2	36.2





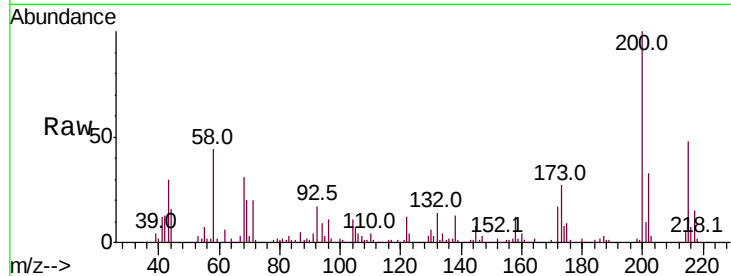
#69
Atrazine
Concen: 48.200 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121130BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.1	47.1
215	48.2	27.5	67.5

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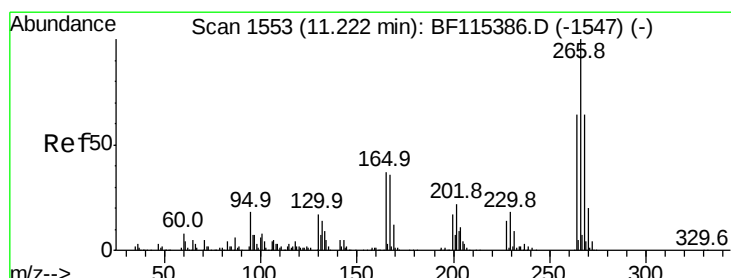
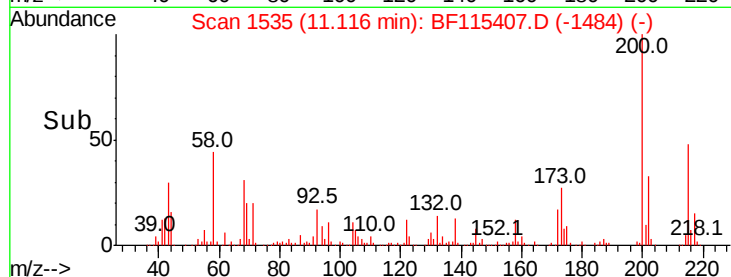
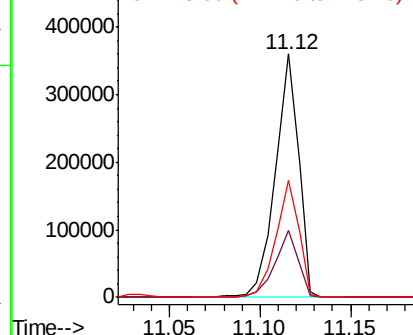


Abundance

Ion 200.00 (199.70 to 200.70): E

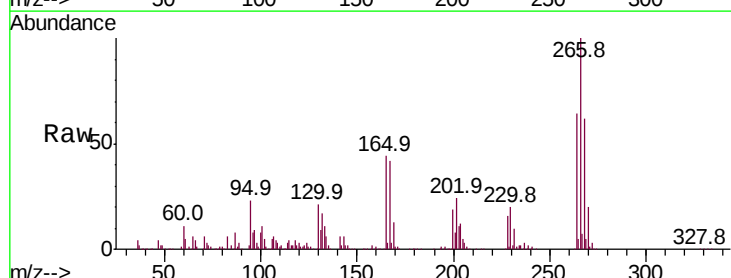
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 87.316 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.3	76.9
264	63.7	51.6	77.4

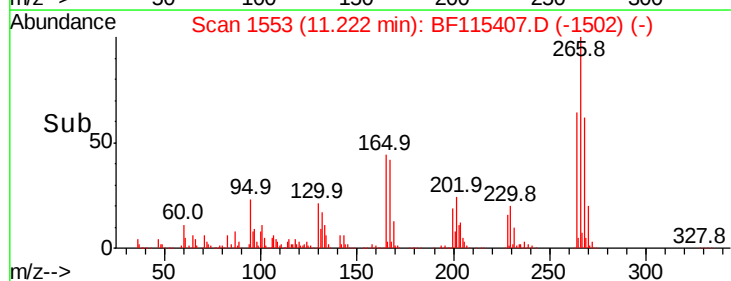
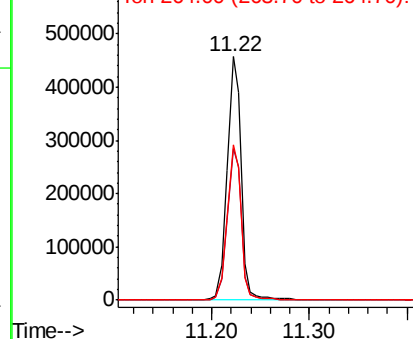


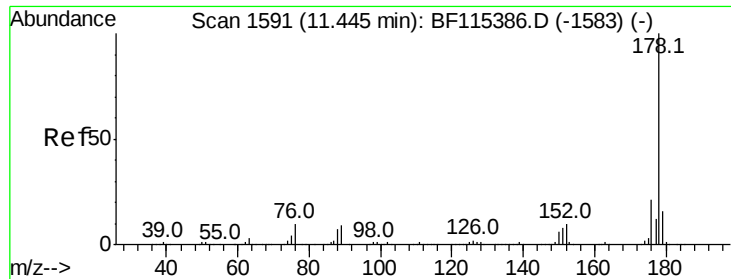
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





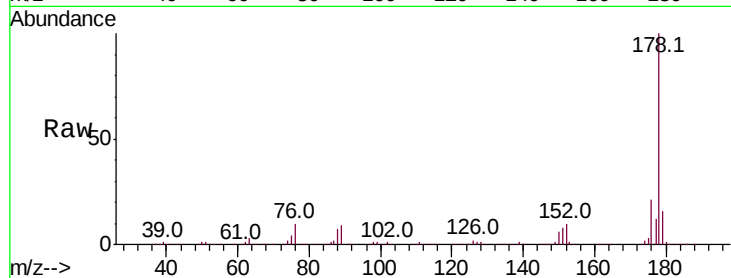
#71
Phenanthrene
Concen: 44.635 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121130BS

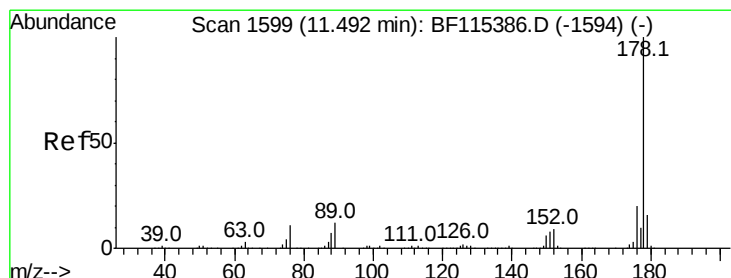
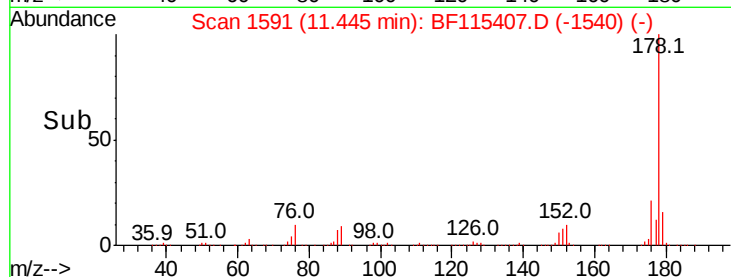
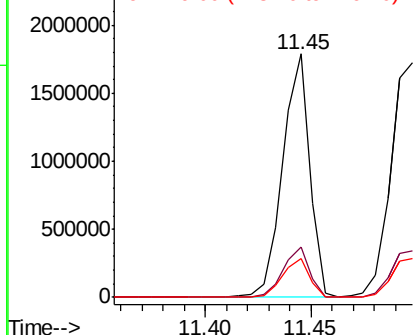
Tot Ion:178 Resp: 1600752
Ion Ratio Lower Upper
178 100
176 20.5 16.6 25.0
179 16.1 13.0 19.6

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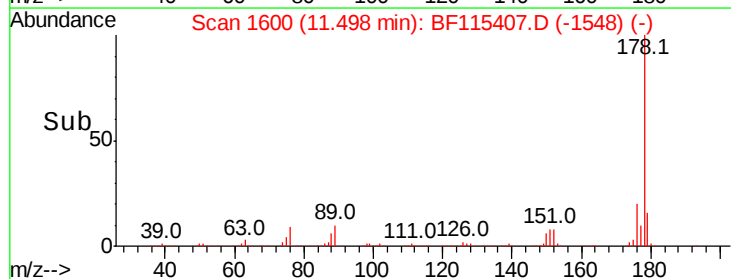
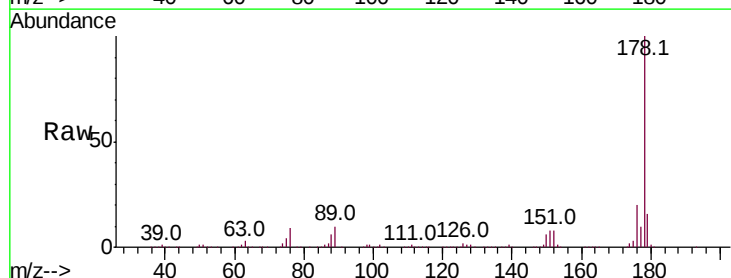
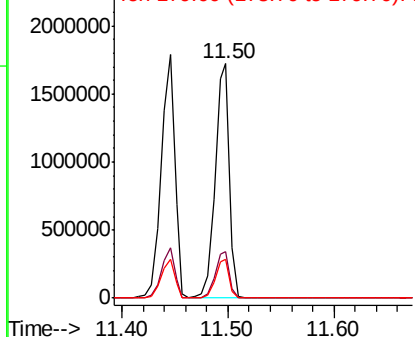
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

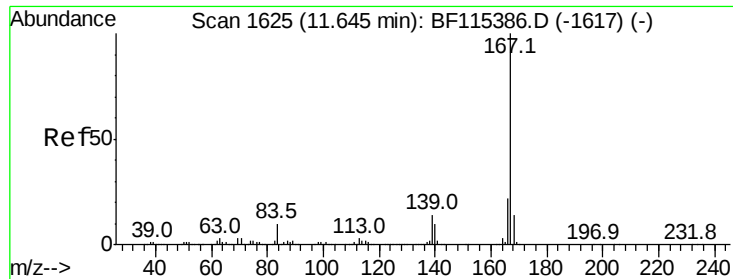


#72
Anthracene
Concen: 45.758 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion:178 Resp: 1645579
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 16.3 13.1 19.7

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





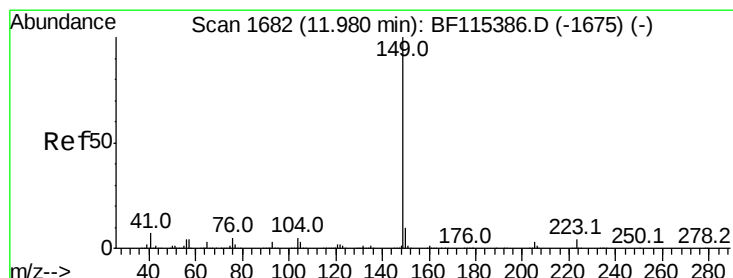
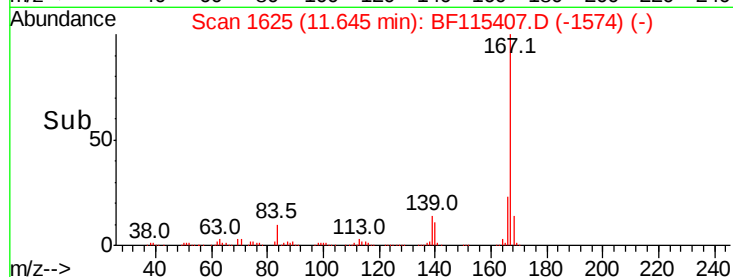
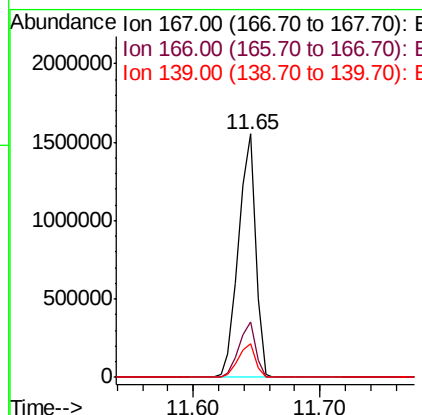
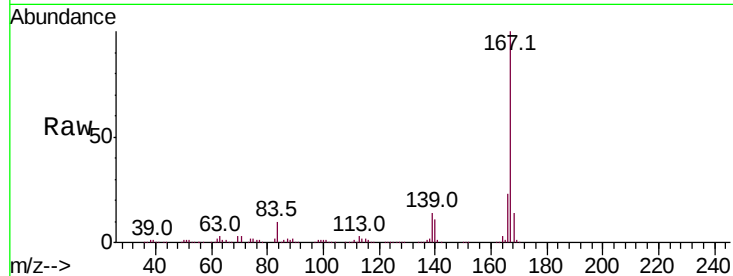
#73
 Carbazole
 Concen: 43.789 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121130BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.9	26.9
139	13.6	11.0	16.6

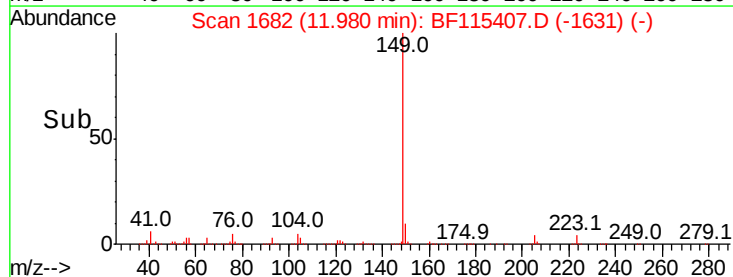
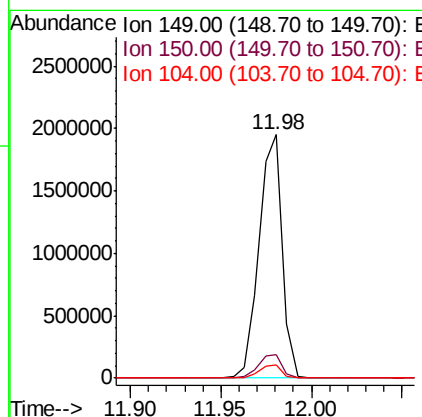
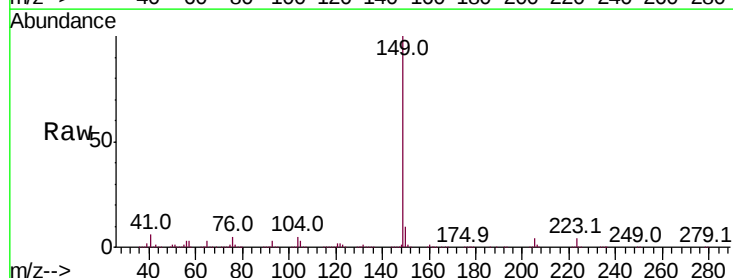
Manual Integrations
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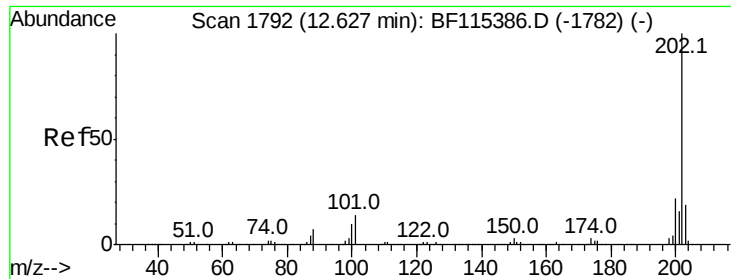
mohammad
 7/10/2019 9:04:25 AM



#74
 Di-n-butylphthalate
 Concen: 43.457 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.0	12.0
104	5.2	4.4	6.6





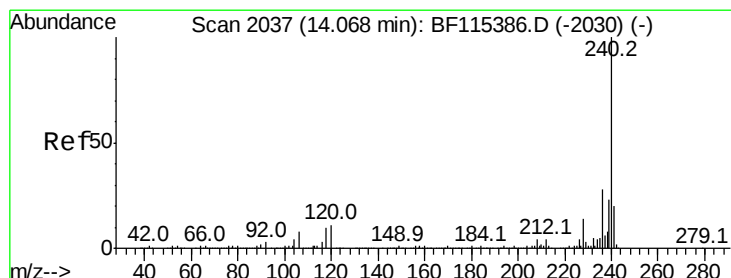
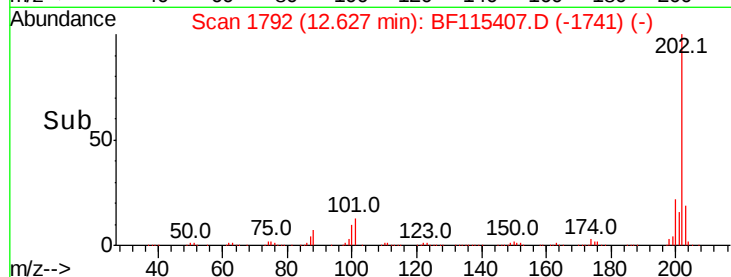
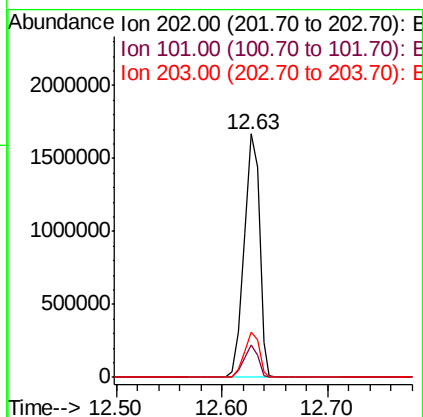
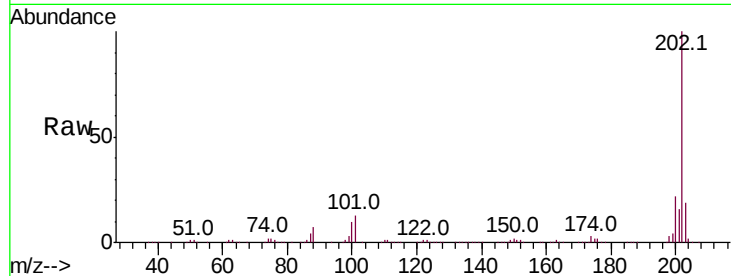
#75
Fluoranthene
 Concen: 44.014 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121130BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.0
203	18.8	0.0	38.5

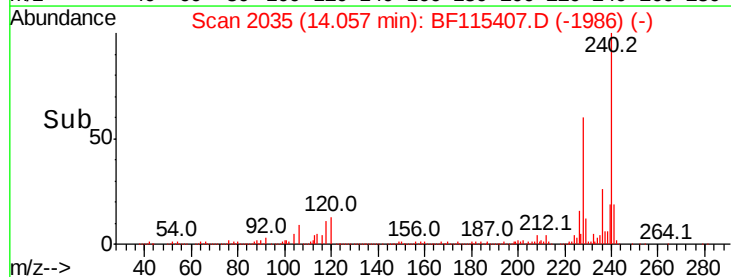
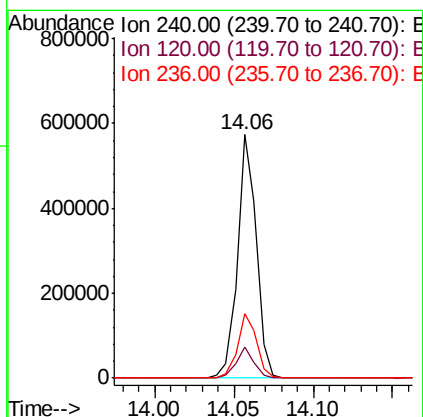
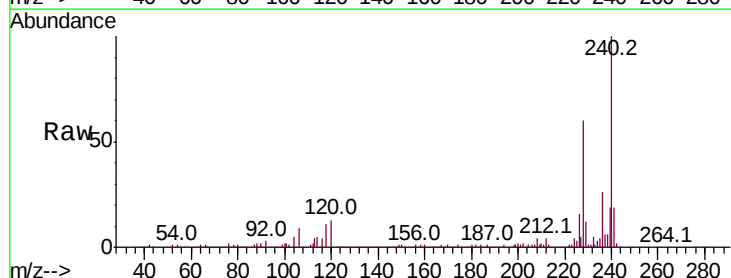
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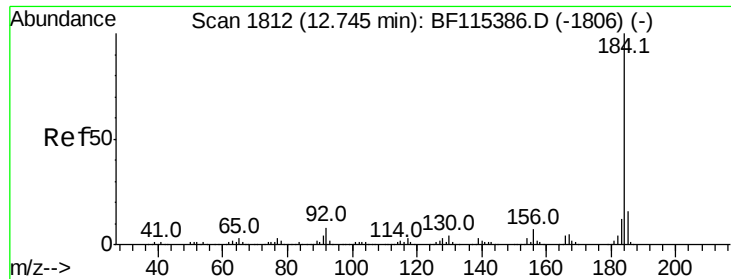
mohammad
 7/10/2019 9:04:25 AM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.1	13.7
236	26.3	22.5	33.7





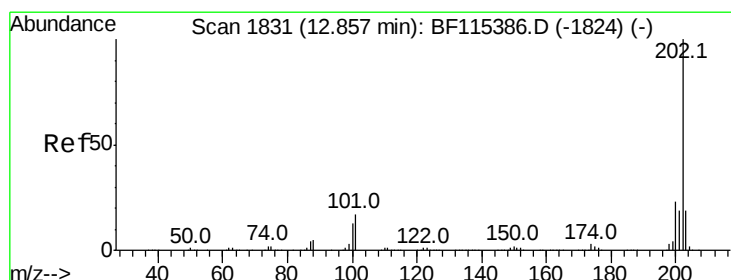
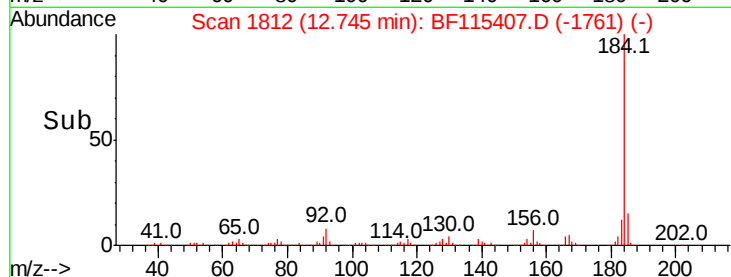
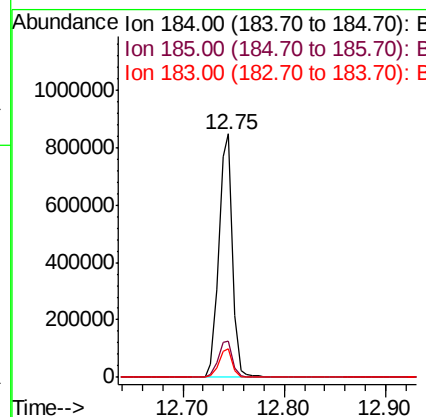
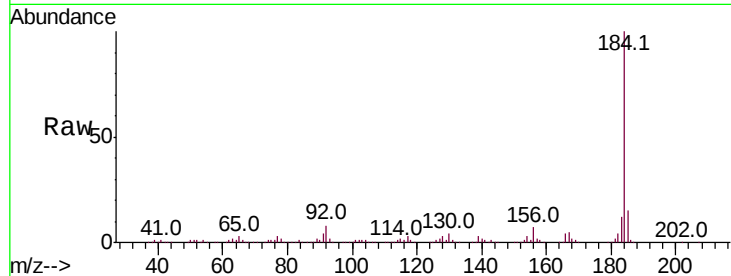
#77
Benzidine
Concen: 43.262 ng
RT: 12.75 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121130BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.6	18.8
183	11.6	9.4	14.0

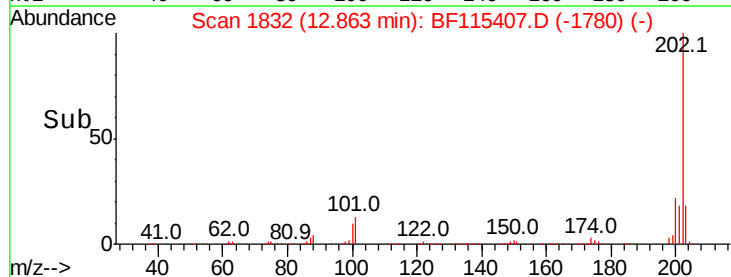
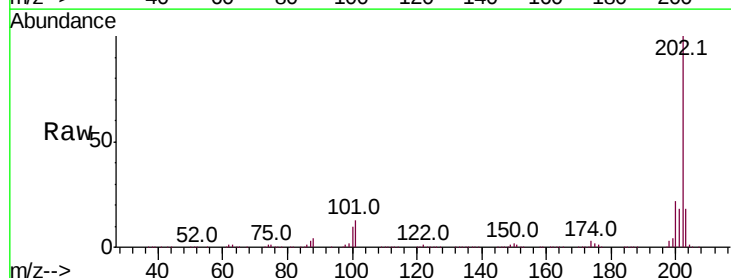
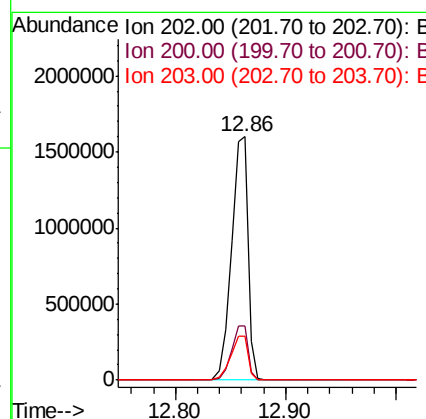
Manual Integrations
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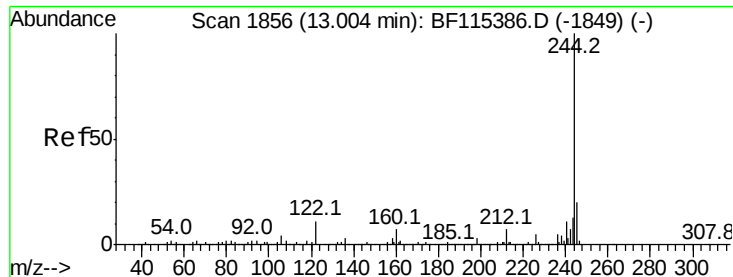
mohammad
7/10/2019 9:04:25 AM



#78
Pyrene
Concen: 45.916 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.2	27.4
203	18.0	14.8	22.2





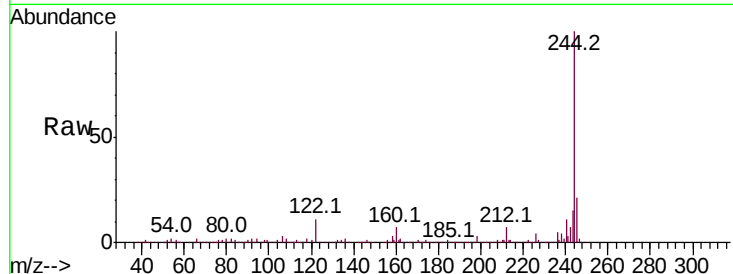
#79
 Terphenyl-d14
 Concen: 86.648 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121130BS

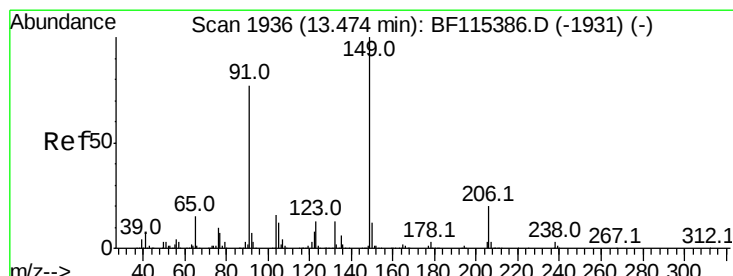
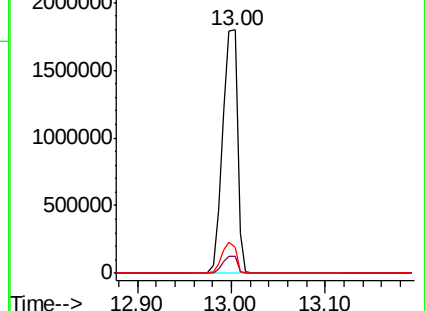
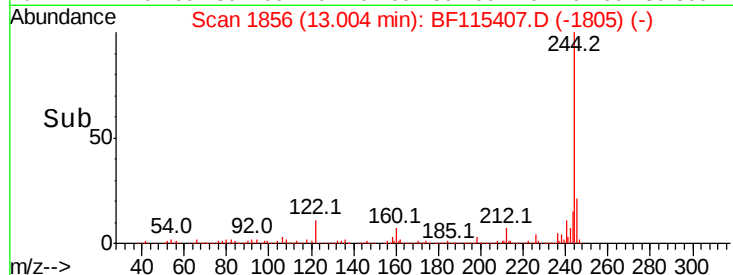
Tot Ion:	244	Resp:	1992365
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.6	9.1	13.7

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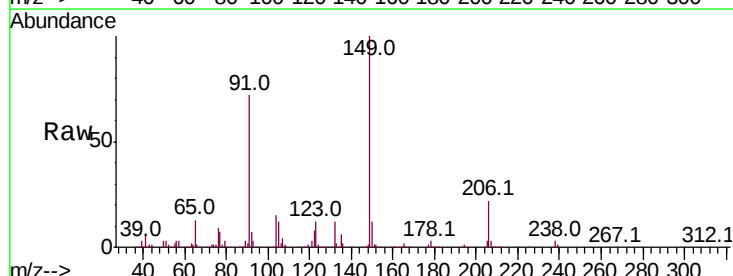


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

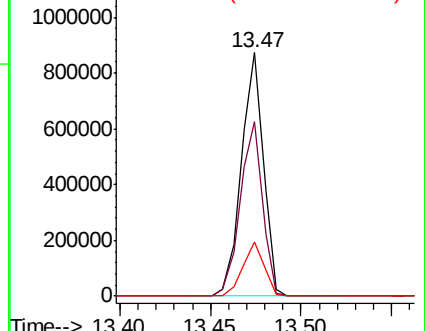
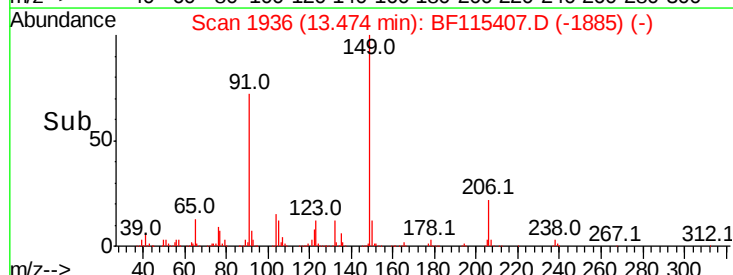


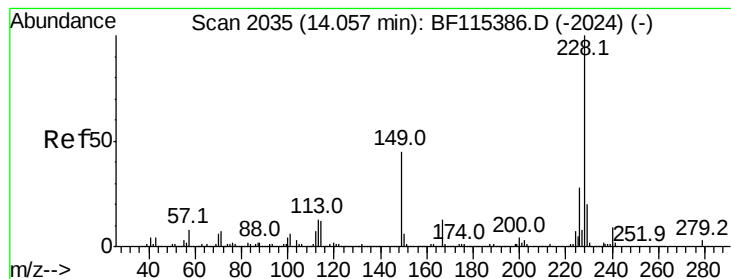
#80
 Butylbenzylphthalate
 Concen: 45.981 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Tgt Ion:	149	Resp:	735525
Ion	Ratio	Lower	Upper
149	100		
91	71.6	61.4	92.0
206	22.1	16.1	24.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.113 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB121130BS

Tot Ion:228 Resp: 1330700

Ion Ratio Lower Upper

228 100

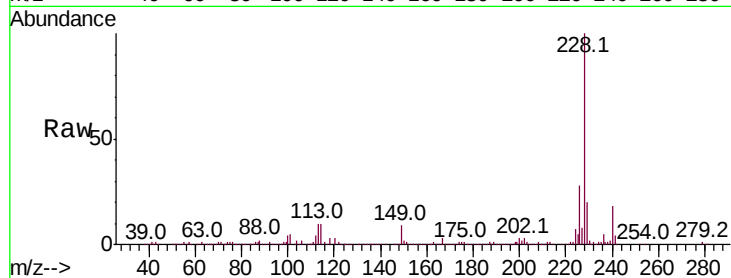
226 27.7 22.7 34.1

229 19.7 16.3 24.5

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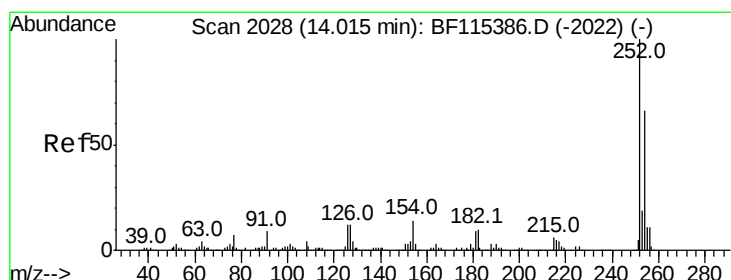
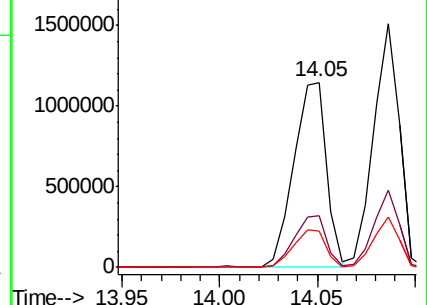
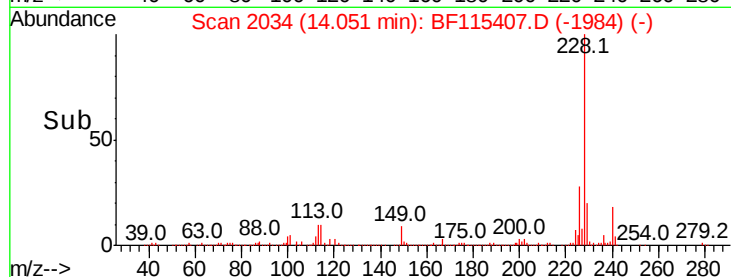
7/10/2019 9:04:25 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.220 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

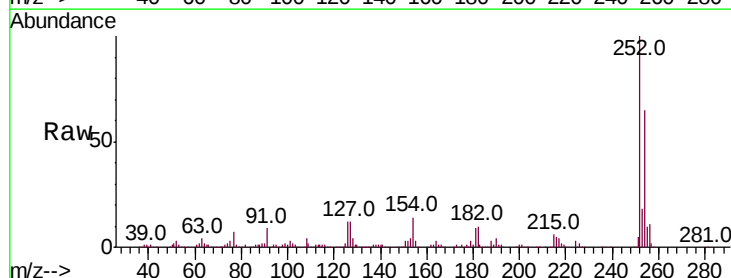
Tgt Ion:252 Resp: 363624

Ion Ratio Lower Upper

252 100

254 65.1 53.0 79.4

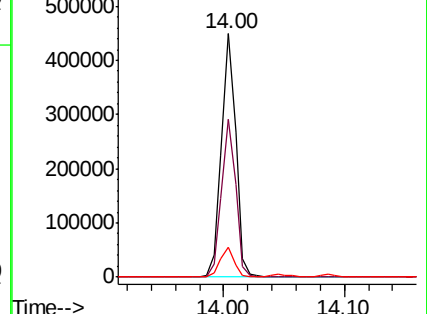
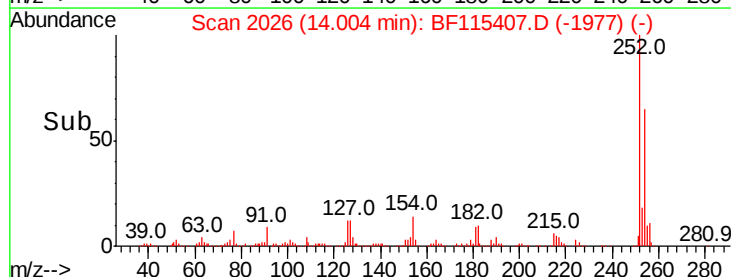
126 12.4 9.8 14.8

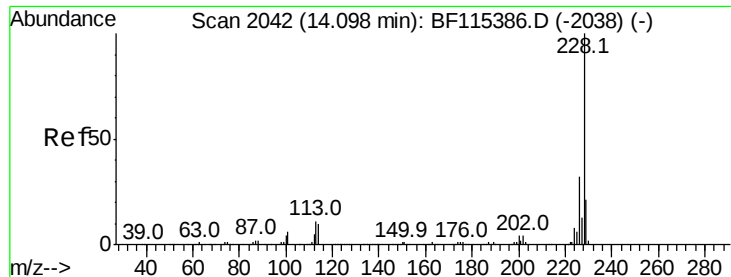


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





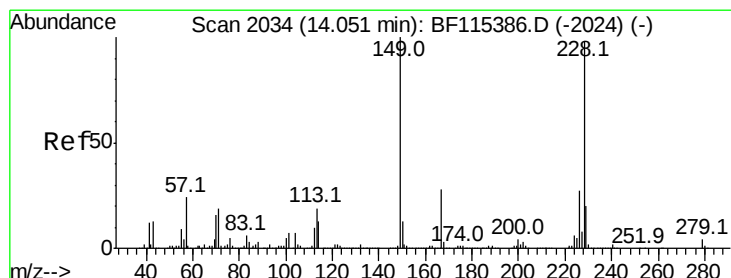
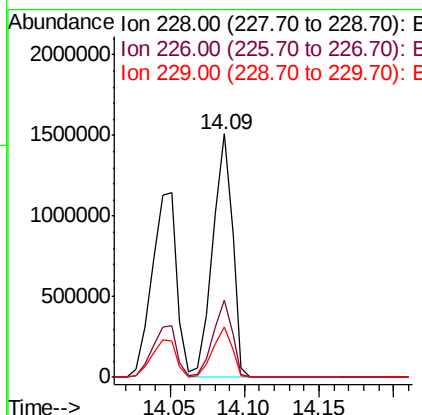
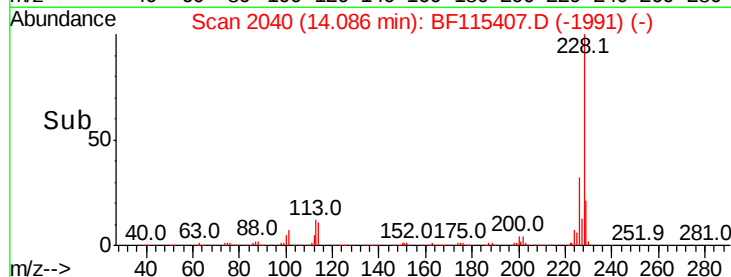
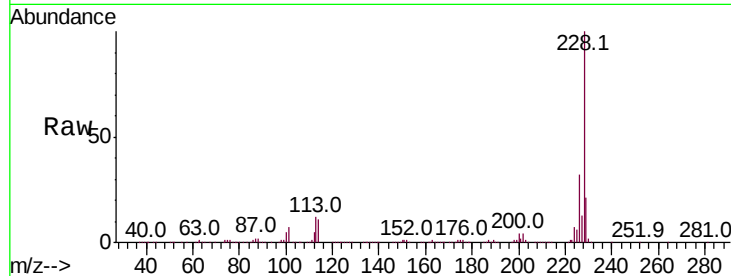
#83
 Chrvsene
 Concen: 44.698 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121130BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.7	38.5
229	20.8	16.6	25.0

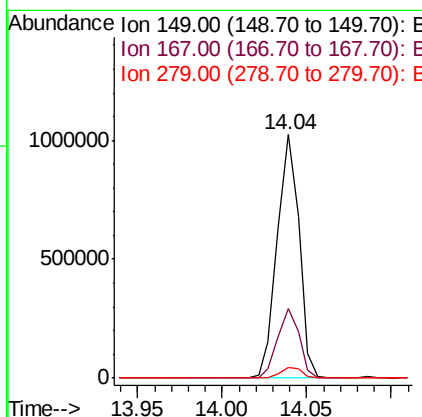
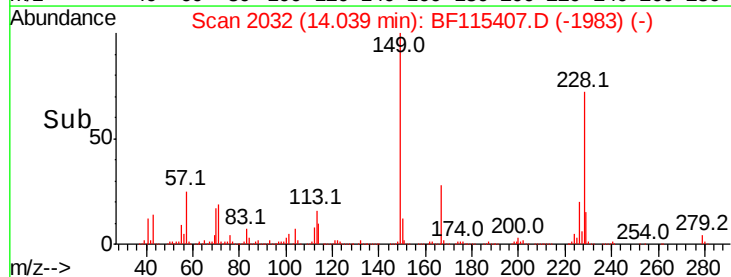
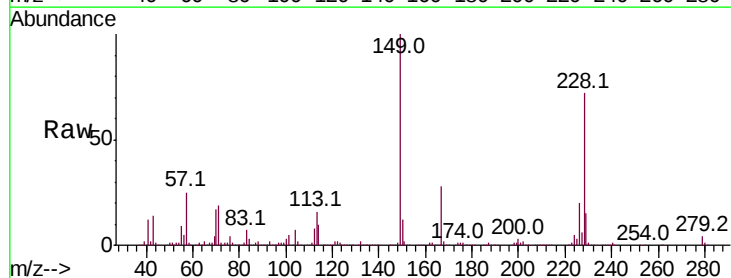
Manual Integrations
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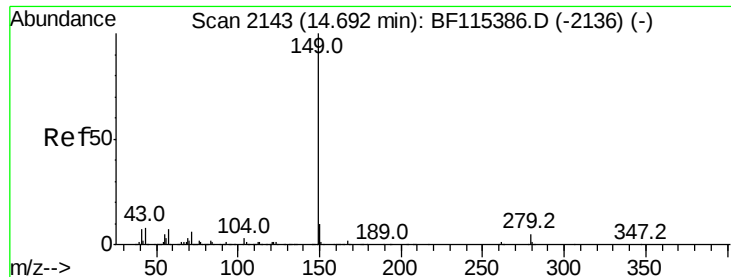
mohammad
 7/10/2019 9:04:25 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.706 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.3	33.5
279	4.2	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 45.828 ng

RT: 14.67 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB121130BS

Tot Ion:149 Resp: 1616174

Ion Ratio Lower Upper

149 100

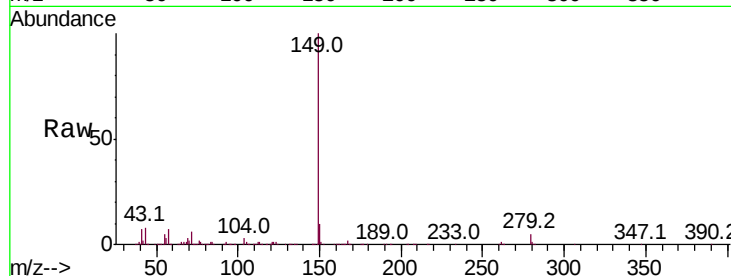
167 1.6 1.3 1.9

43 9.0 7.6 11.4

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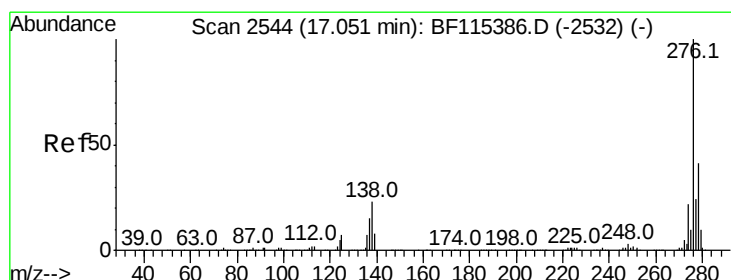
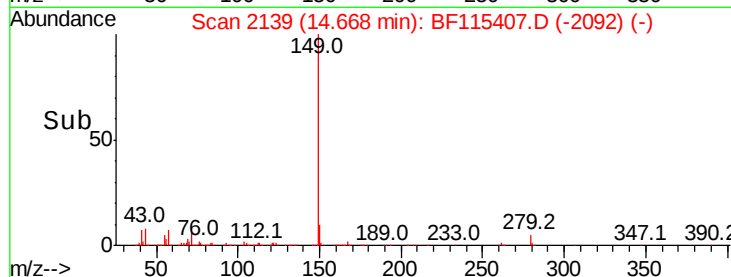
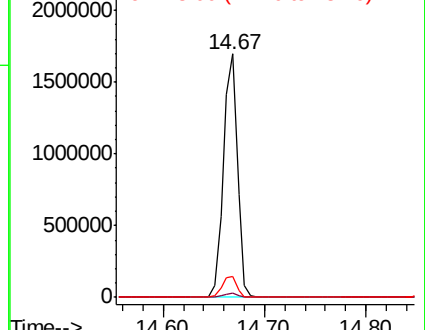
7/10/2019 9:04:25 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.921 ng

RT: 17.03 min Scan# 2541

Delta R.T. -0.02 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

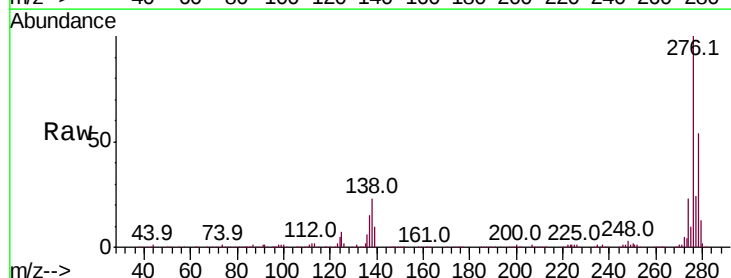
Tgt Ion:276 Resp: 1162641

Ion Ratio Lower Upper

276 100

138 25.0 0.0 0.0#

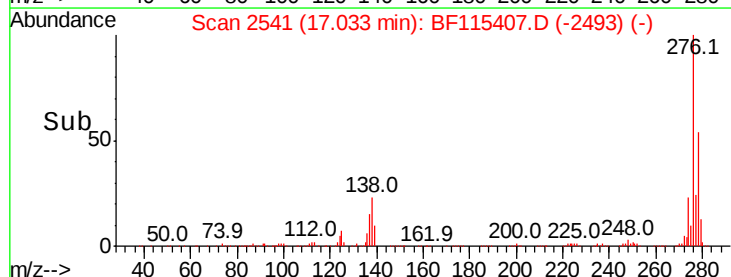
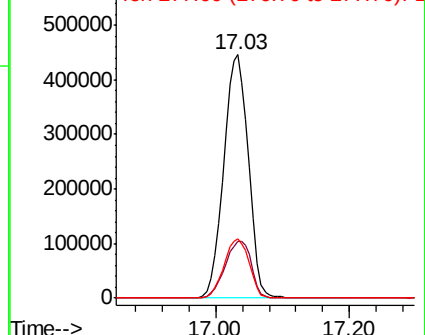
277 25.0 0.0 0.0#

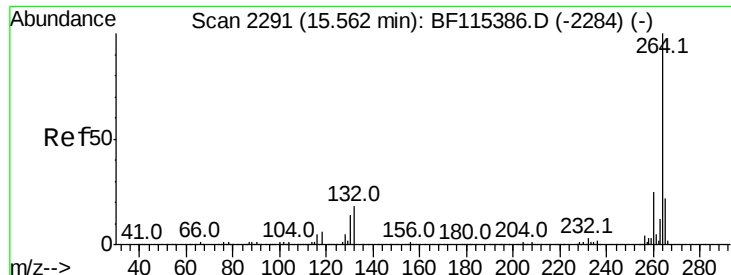


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





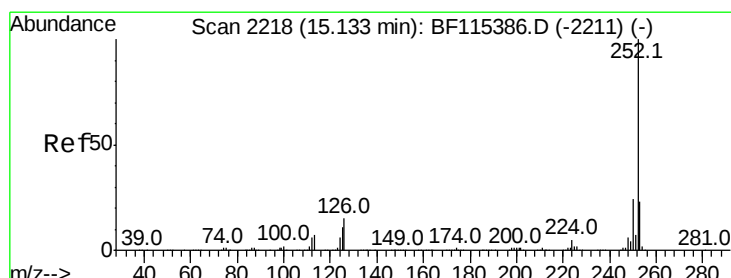
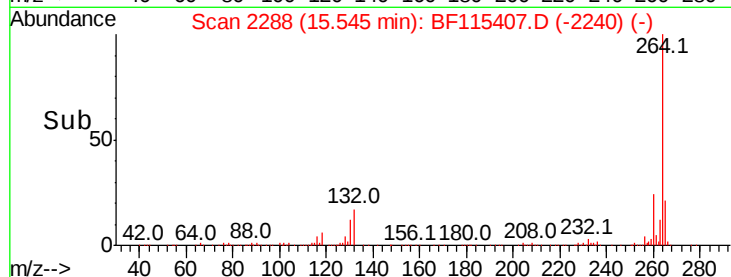
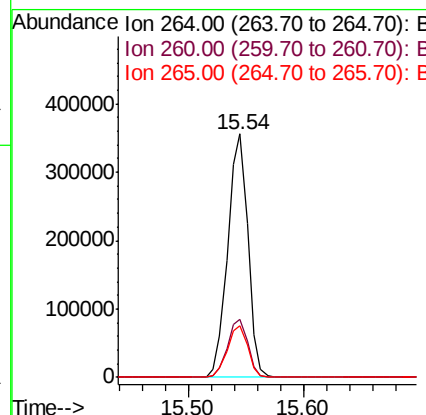
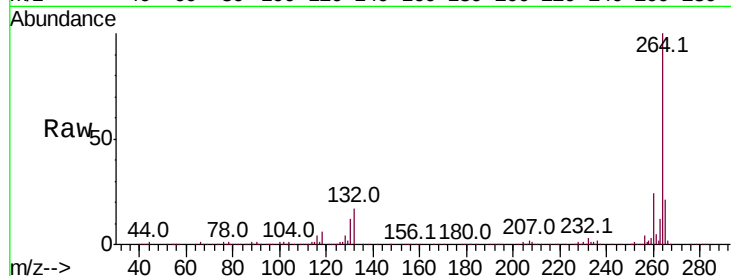
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121130BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.9	29.9
265	21.4	17.4	26.2

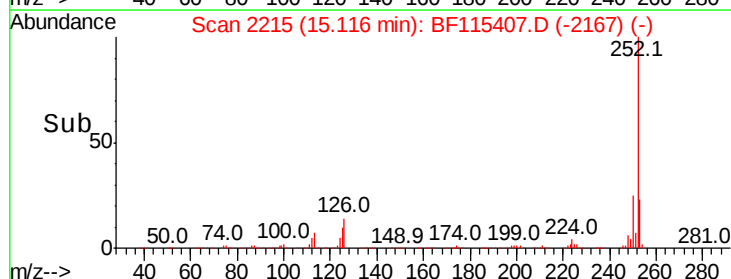
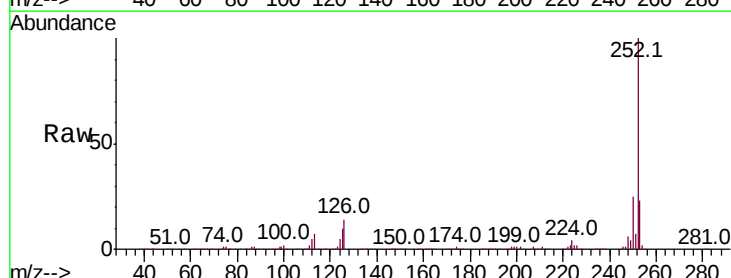
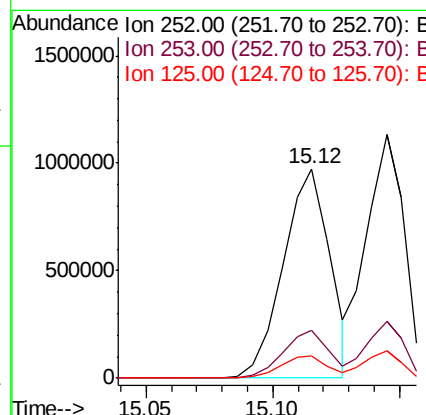
Manual Integrations
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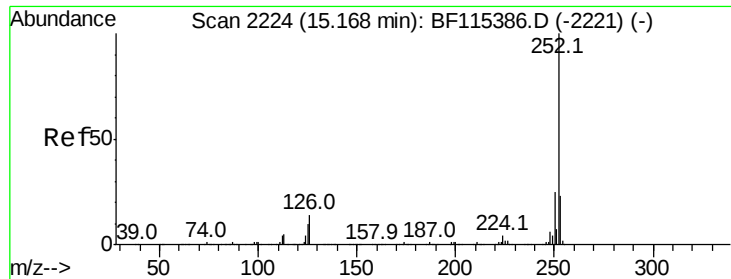
mohammad
7/10/2019 9:04:25 AM



#88
Benzo(b)fluoranthene
Concen: 44.506 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	10.4	9.0	13.6





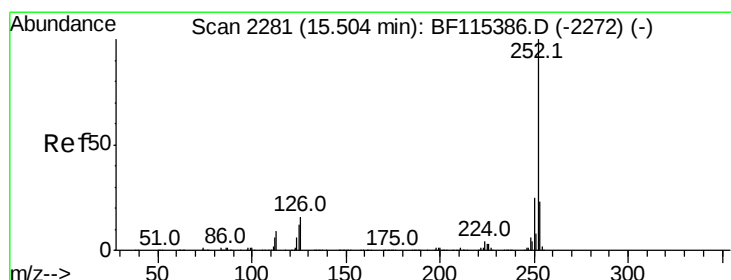
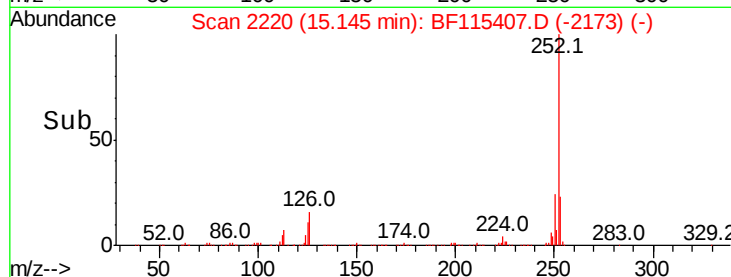
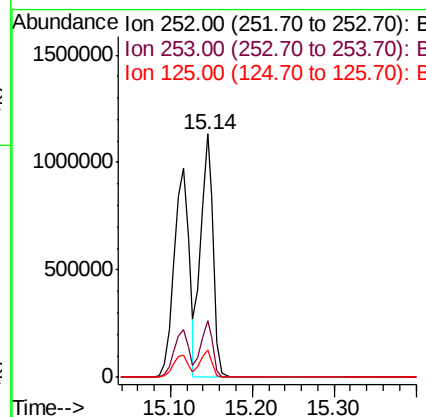
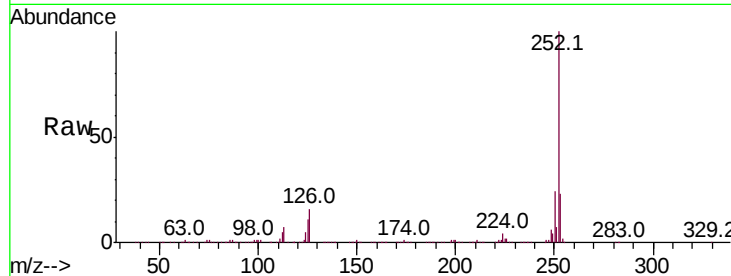
#89
Benzo(k)fluoranthene
Concen: 48.006 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121130BS

Tot Ion:252 Resp: 1196836
Ion Ratio Lower Upper
252 100
253 23.2 18.3 27.5
125 11.1 8.3 12.5

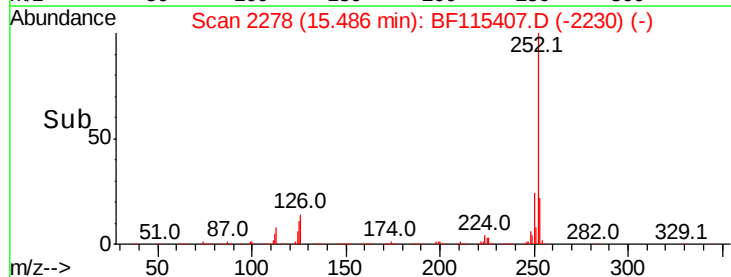
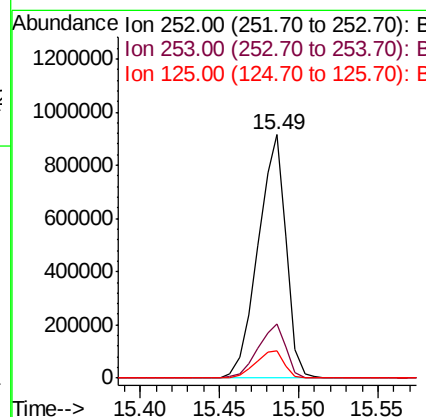
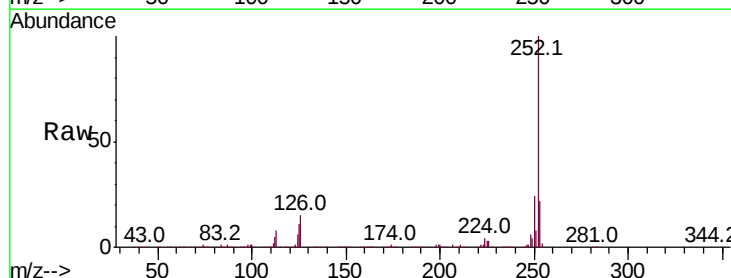
Manual Integrations
APPROVED

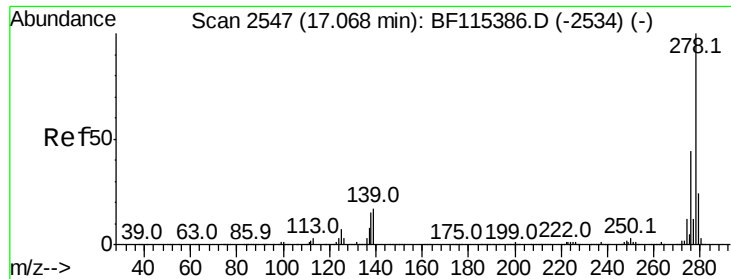
mohammad
7/10/2019 9:04:25 AM



#90
Benzo(a)pyrene
Concen: 46.566 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion:252 Resp: 1125921
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 11.1 10.0 15.0





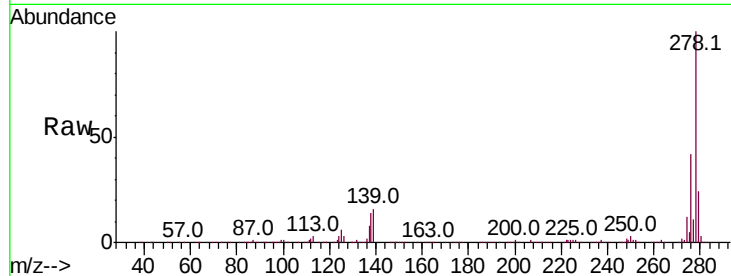
#91
Dibenzo(a,h)anthracene
Concen: 47.172 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.02 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121130BS

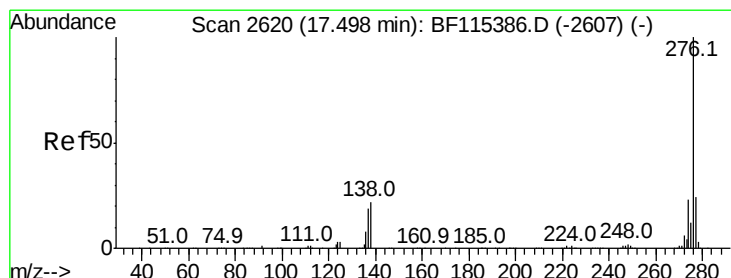
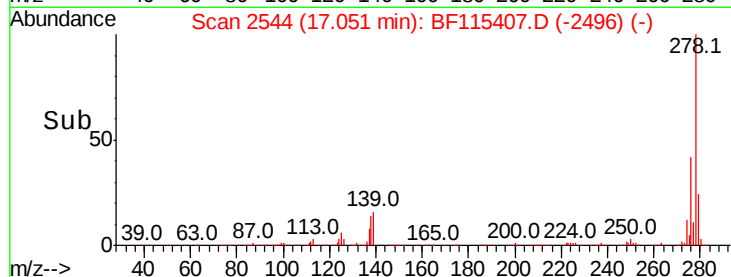
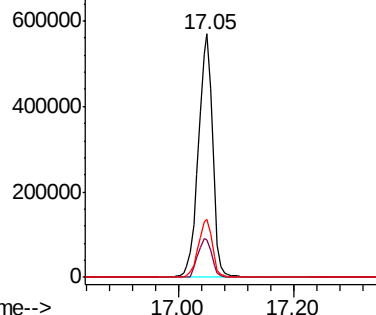
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.4	20.2
279	23.6	19.4	29.0

Manual Integrations
APPROVED

mohammad
7/10/2019 9:04:25 AM

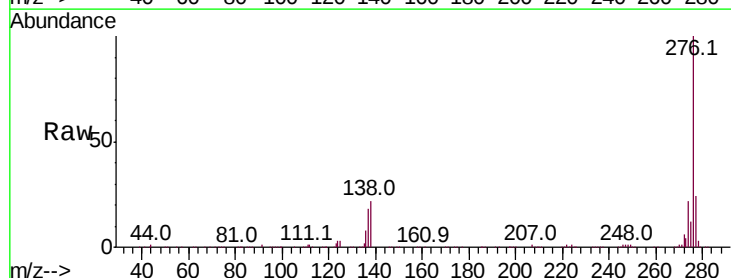


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.965 ng
RT: 17.48 min Scan# 2617
Delta R.T. -0.02 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.2
138	21.6	17.8	26.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

