

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115412.D
 Acq On : 8 Jul 2019 18:22
 Operator : HP/JU
 Sample : PB121186BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121186BS

Manual Integrations
 APPROVED

mohammad
 7/10/2019 9:04:28 AM

Quant Time: Jul 09 01:58:21 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	182513	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	718026	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	355096	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	666610	20.00	ng	0.00
76) Chrysene-d12	14.05	240	469674	20.00	ng	-0.02
87) Perylene-d12	15.53	264	418735	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1414032	119.70	ng	0.02
7) Phenol-d6	6.53	99	1802025	119.95	ng	0.00
23) Nitrobenzene-d5	7.46	82	1088401	89.56	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	514483	131.04	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1923291	95.04	ng	0.00
79) Terphenyl-d14	13.00	244	2006690	87.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	241585	41.694	ng	99
3) Pyridine	3.57	79	611869	38.189	ng	97
4) n-Nitrosodimethylamine	3.52	42	260987	40.170	ng	96
6) Aniline	6.56	93	659573	31.111	ng	100
8) 2-Chlorophenol	6.69	128	570172	42.746	ng	95
9) Benzaldehyde	6.45	77	321693	36.604	ng	97
10) Phenol	6.54	94	727013	40.445	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	552849	41.459	ng	100
12) 1,3-Dichlorobenzene	6.84	146	605747	41.451	ng	98
13) 1,4-Dichlorobenzene	6.92	146	613544	41.915	ng	99
14) 1,2-Dichlorobenzene	7.07	146	565673	41.740	ng	99
15) Benzyl Alcohol	7.03	79	510137	42.315	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	745497	39.983	ng	99
17) 2-Methylphenol	7.15	107	482318	42.208	ng	100
18) Hexachloroethane	7.41	117	229577	42.101	ng	94
19) n-Nitroso-di-n-propylamine	7.31	70	407953	40.137	ng	99
20) 3+4-Methylphenols	7.30	107	579003	42.895	ng	94
22) Acetophenone	7.30	105	786335	45.703	ng	# 99
24) Nitrobenzene	7.47	77	627625	45.729	ng	96
25) Isophorone	7.72	82	1149841	43.651	ng	99
26) 2-Nitrophenol	7.79	139	306296	54.283	ng	96
27) 2,4-Dimethylphenol	7.83	122	547643	50.899	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	701481	43.186	ng	99
29) 2,4-Dichlorophenol	8.03	162	490027	45.726	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	531476	44.548	ng	98
31) Naphthalene	8.20	128	1637869	45.924	ng	99
32) Benzoic acid	7.95	122	383024	48.757	ng	95
33) 4-Chloroaniline	8.24	127	389036	24.448	ng	98
34) Hexachlorobutadiene	8.32	225	297828	44.020	ng	99
35) Caprolactam	8.62	113	153564m	43.997	ng	
36) 4-Chloro-3-methylphenol	8.72	107	510588	45.044	ng	98
37) 2-Methylnaphthalene	8.89	142	1097312	46.031	ng	99
38) 1-Methylnaphthalene	8.99	142	1023701	45.008	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	479563	46.944	ng	99

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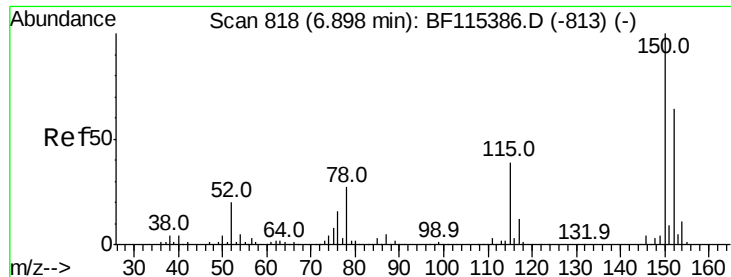
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	547088	92.399	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	349183	46.951	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	358525	46.490	nq	97
46) 1,1'-Biphenyl	9.36	154	1317297	47.188	nq	98
47) 2-Chloronaphthalene	9.38	162	1037951	44.988	nq	99
48) 2-Nitroaniline	9.47	65	314979	46.467	nq	96
49) Acenaphthylene	9.80	152	1575670	45.107	nq	100
50) Dimethylphthalate	9.66	163	1171964	43.972	nq	99
51) 2,6-Dinitrotoluene	9.71	165	271018	46.886	nq	97
52) Acenaphthene	9.97	154	1095670	49.838	nq	98
53) 3-Nitroaniline	9.87	138	206659	30.782	nq	99
54) 2,4-Dinitrophenol	9.99	184	261789	101.962	nq	# 62
55) Dibenzofuran	10.14	168	1414311	45.669	nq	99
56) 4-Nitrophenol	10.04	139	476245	91.689	nq	95
57) 2,4-Dinitrotoluene	10.12	165	357818	48.709	nq	99
58) Fluorene	10.48	166	1052673	43.120	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	313505	47.059	nq	100
60) Diethylphthalate	10.36	149	1155653	44.052	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	523567	43.941	nq	98
62) 4-Nitroaniline	10.49	138	293618	44.556	nq	98
63) Azobenzene	10.63	77	1163916	43.041	nq	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	173795	53.401	nq	99
66) n-Nitrosodiphenylamine	10.59	169	974294	46.387	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	335204	44.814	nq	95
68) Hexachlorobenzene	11.03	284	380874	45.378	nq	99
69) Atrazine	11.12	200	313073	48.164	nq	100
70) Pentachlorophenol	11.22	266	447970	87.577	nq	99
71) Phenanthrene	11.44	178	1563974	44.610	nq	100
72) Anthracene	11.49	178	1630109	46.368	nq	100
73) Carbazole	11.64	167	1446642	44.980	nq	99
74) Di-n-butylphthalate	11.97	149	1708509	43.955	nq	100
75) Fluoranthene	12.63	202	1629470	44.143	nq	99
77) Benzidine	12.74	184	733369	40.041	nq	100
78) Pyrene	12.86	202	1670363	45.733	nq	99
80) Butylbenzylphthalate	13.47	149	733328	45.953	nq	98
81) Benzo(a)anthracene	14.04	228	1332887	44.291	nq	100
82) 3,3'-Dichlorobenzidine	14.00	252	396452	36.306	nq	100
83) Chrysene	14.08	228	1350402	43.673	nq	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	923719	46.741	nq	99
85) Di-n-octyl phthalate	14.65	149	1585552	45.067	nq	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1149746	45.461	nq	# 100
88) Benzo(b)fluoranthene	15.10	252	1260741	46.243	nq	98
89) Benzo(k)fluoranthene	15.13	252	1162550	47.947	nq	99
90) Benzo(a)pyrene	15.47	252	1129462	48.032	nq	99
91) Dibenzo(a,h)anthracene	17.03	278	957554	47.654	nq	99
92) Benzo(g,h,i)perylene	17.46	276	949315	49.913	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: BF115412.D

Acq: 8 Jul 2019 18:22

Instrument :

BNA_F

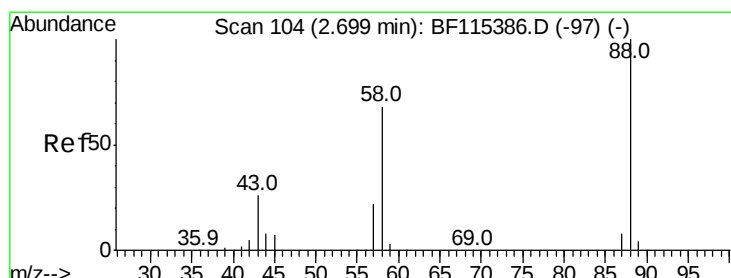
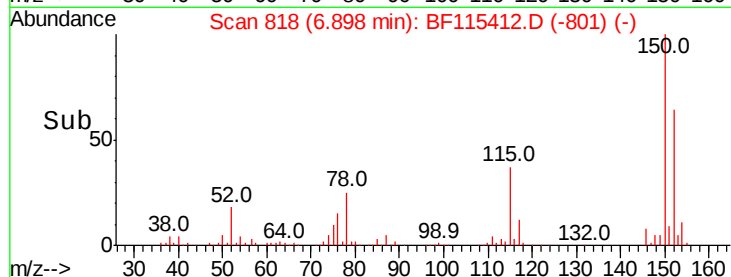
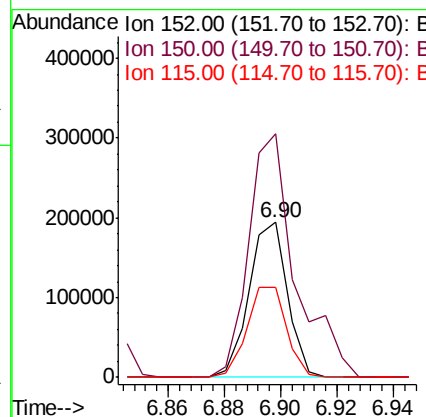
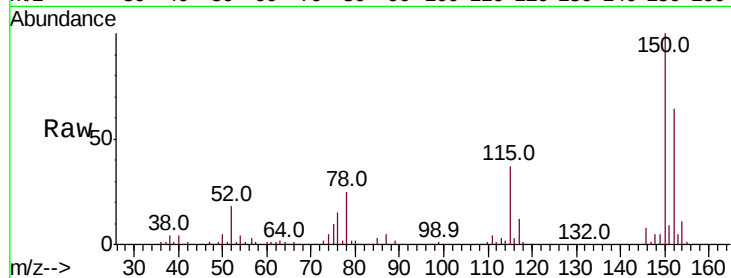
ClientSampleId :

PB121186BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.7	187.1
115	58.1	48.1	72.1

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#2

1,4-Dioxane

Concen: 41.694 ng

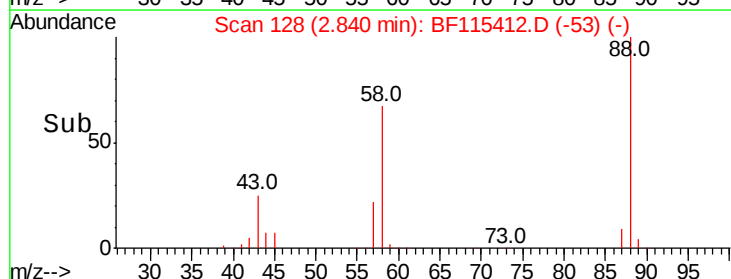
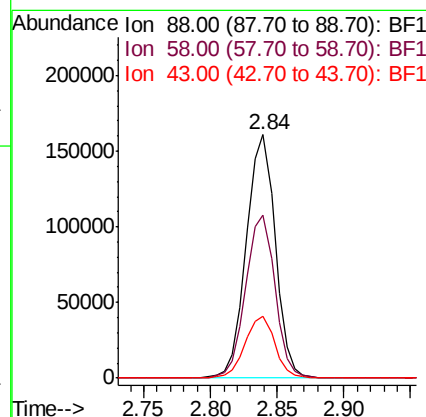
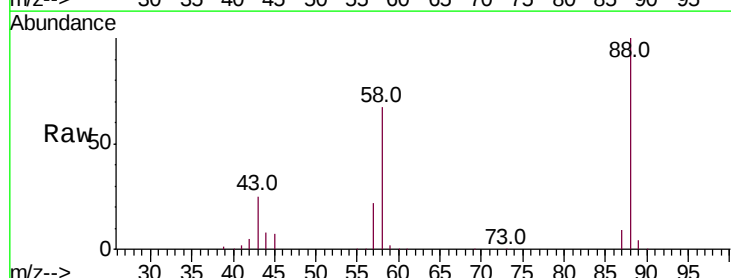
RT: 2.84 min Scan# 128

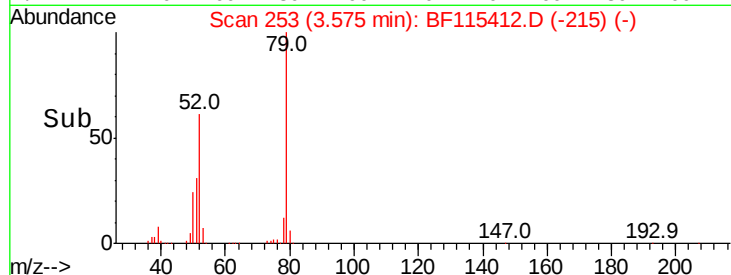
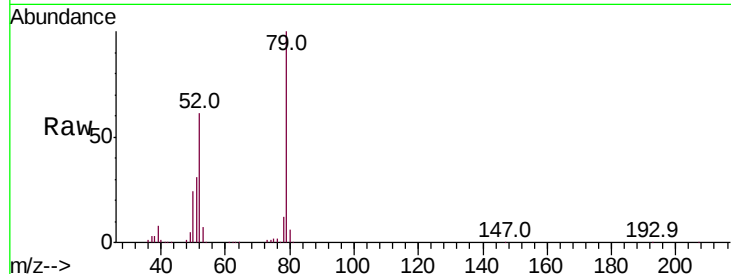
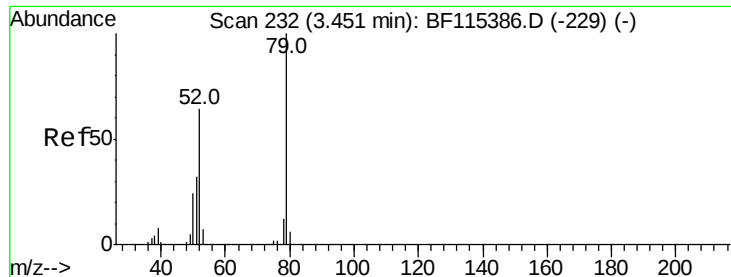
Delta R.T. 0.14 min

Lab File: BF115412.D

Acq: 8 Jul 2019 18:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.9	54.6	82.0
43	25.9	21.4	32.0





#3

Pvridine

Concen: 38.189 ng

RT: 3.57 min Scan# 253

Delta R.T. 0.12 min

Lab File: BF115412.D

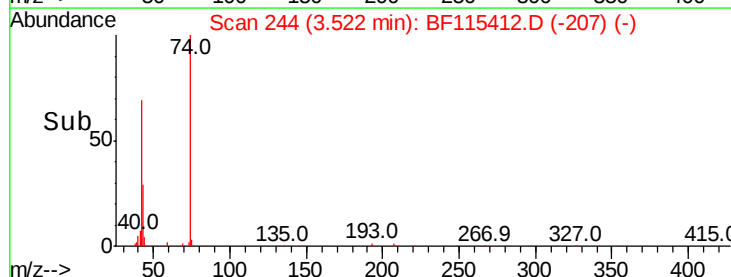
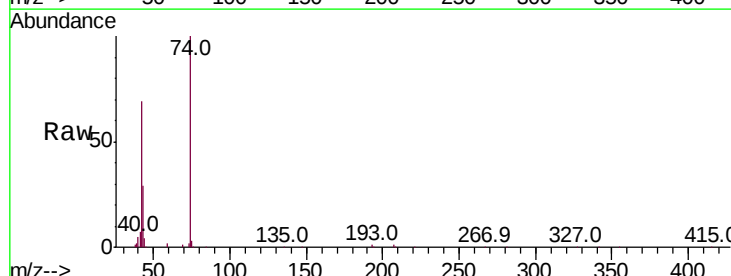
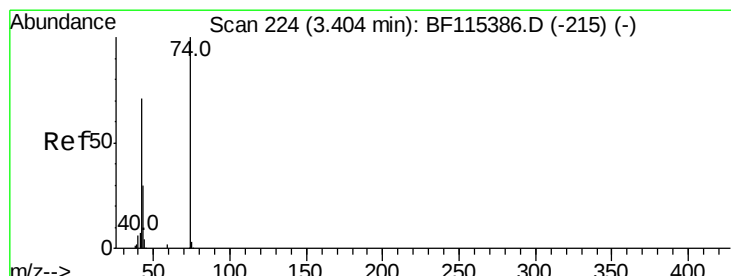
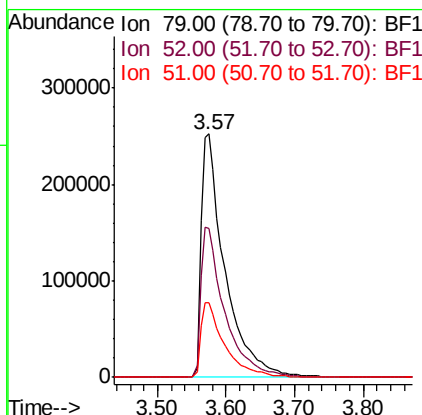
Acq: 8 Jul 2019 18:22

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.2	50.9	76.3
51	30.9	25.8	38.6

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#4

n-Nitrosodimethylamine

Concen: 40.170 ng

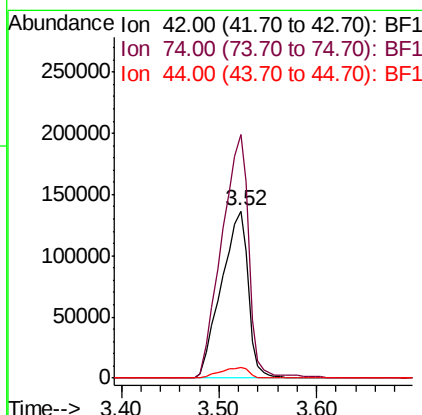
RT: 3.52 min Scan# 244

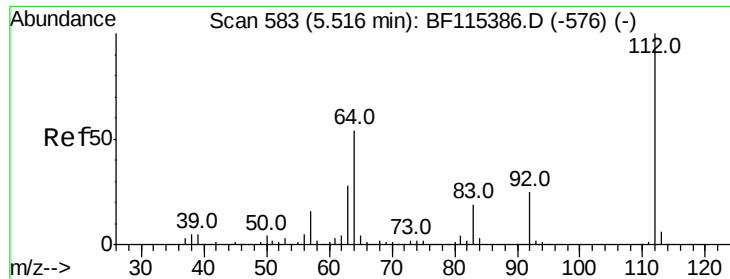
Delta R.T. 0.12 min

Lab File: BF115412.D

Acq: 8 Jul 2019 18:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.8	112.8	169.2
44	6.4	5.4	8.0





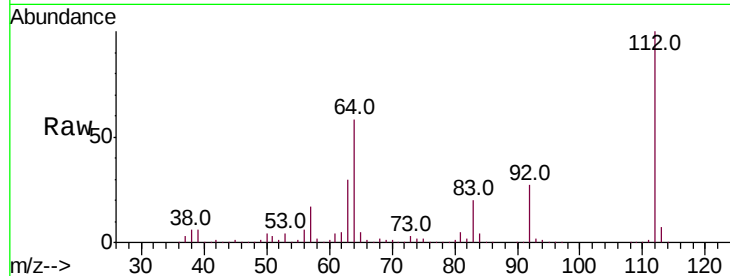
#5
2-Fluorophenol
Concen: 119.702 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

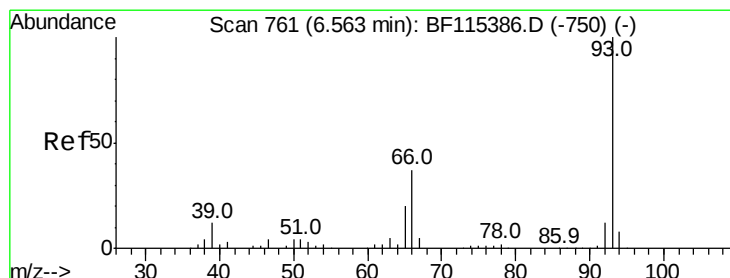
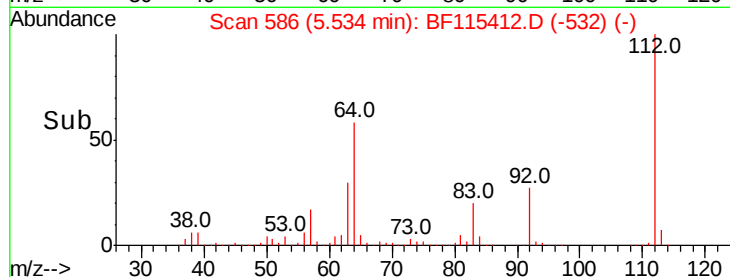
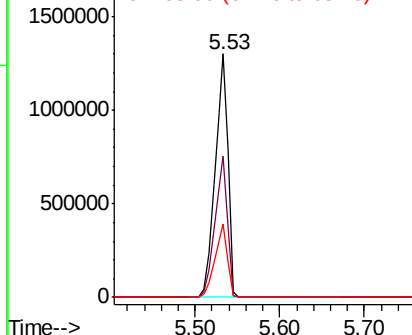
Tot Ion	Ratio	Lower	Upper
112	100		
64	58.2	43.0	64.6
63	29.9	22.2	33.2

Manual Integrations
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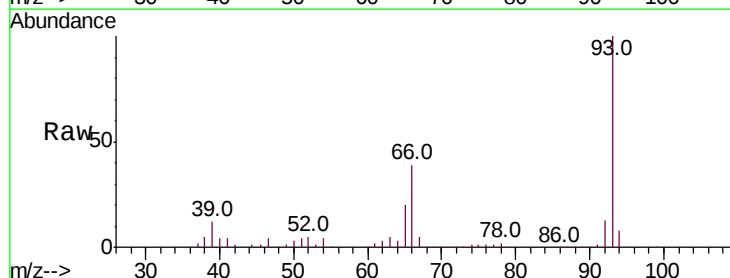


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

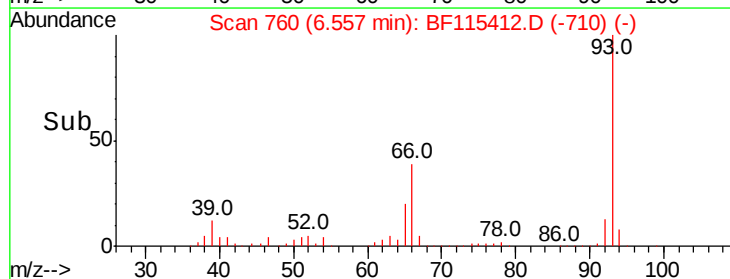
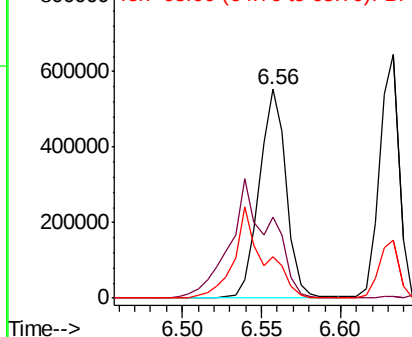


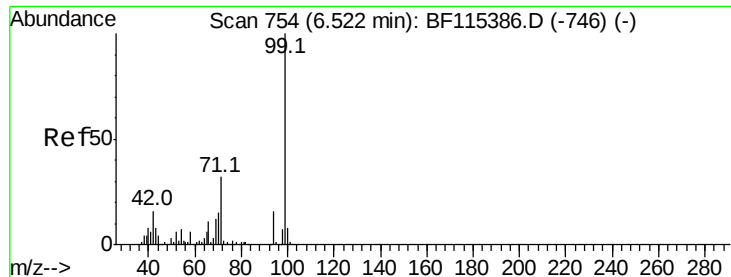
#6
Aniline
Concen: 31.111 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Tgt Ion	Ratio	Lower	Upper
93	100		
66	38.8	30.8	46.2
65	19.8	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: 119.947 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115412.D

Acq: 8 Jul 2019 18:22

Instrument :

BNA_F

ClientSampleId :

PB121186BS

Tot Ion: 99 Resp: 1802025

Ion Ratio Lower Upper

99 100

42 16.6 13.1 19.7

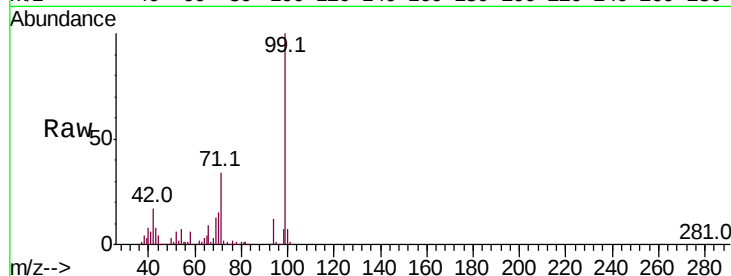
71 33.5 25.9 38.9

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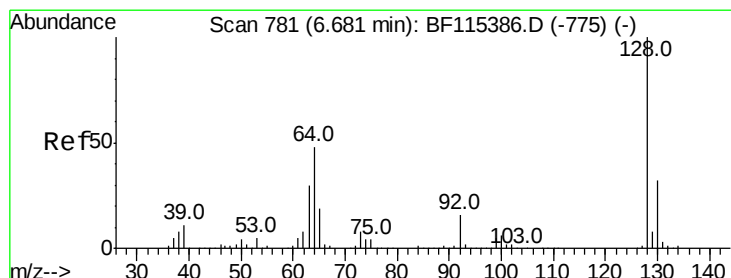
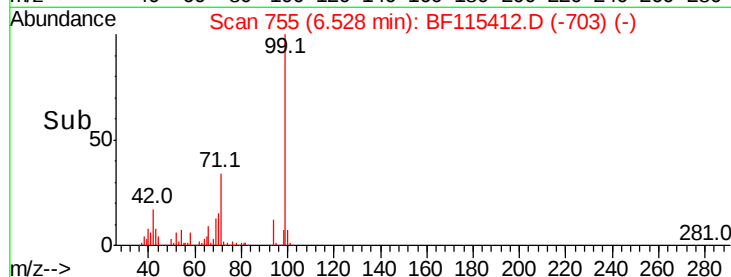
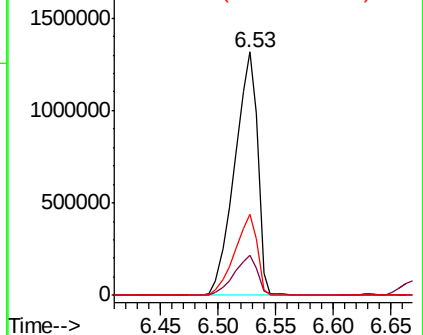
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.746 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF115412.D

Acq: 8 Jul 2019 18:22

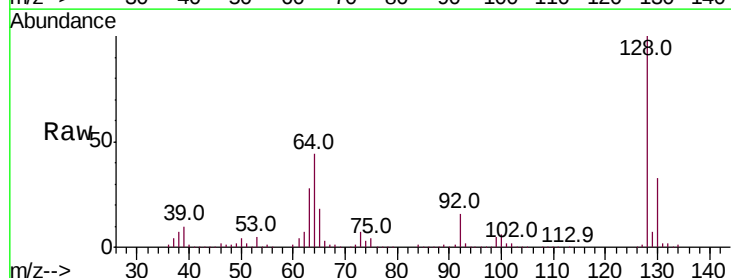
Tgt Ion:128 Resp: 570172

Ion Ratio Lower Upper

128 100

130 33.4 12.4 52.4

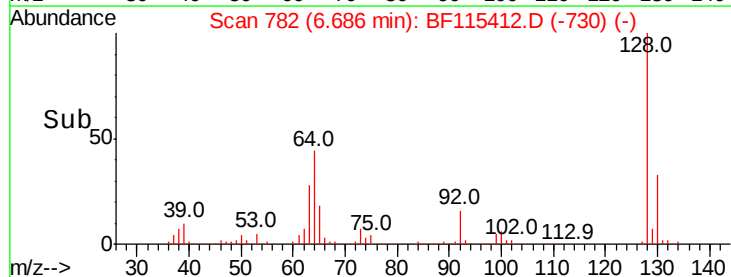
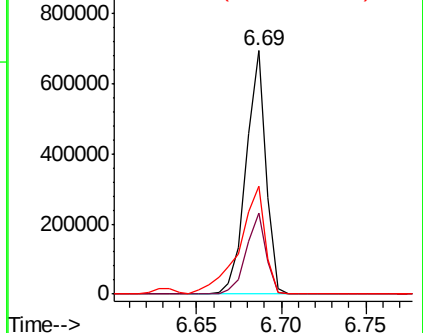
64 44.1 28.8 68.8

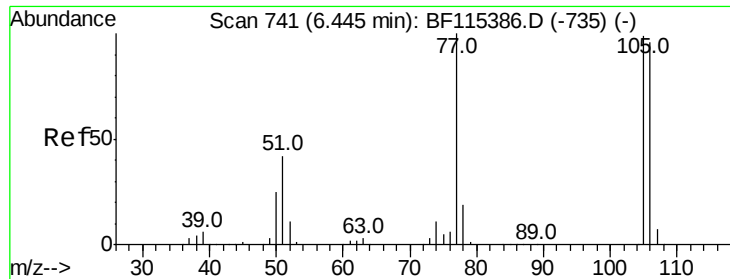


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





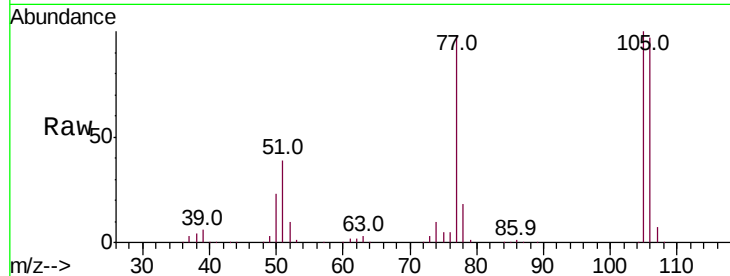
#9
Benzaldehyde
Concen: 36.604 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

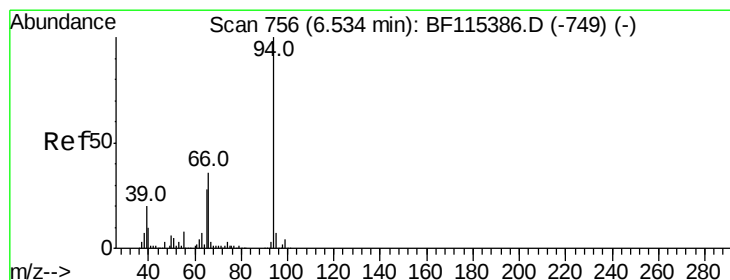
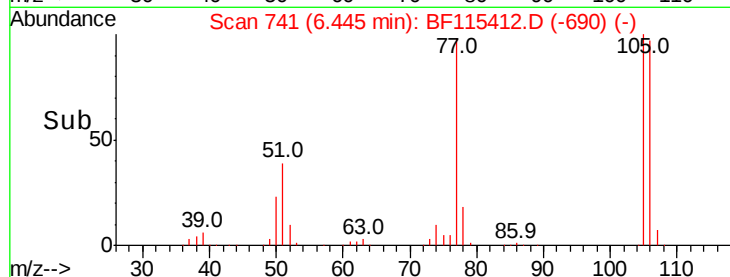
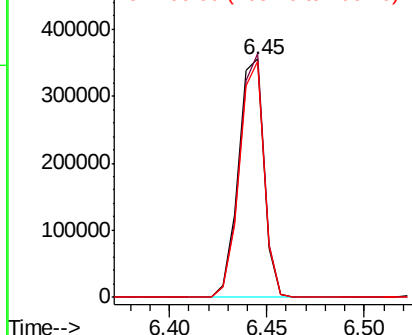
Tot Ion	Ratio	Lower	Upper
77	100		
105	102.3	79.0	119.0
106	98.8	75.7	115.7

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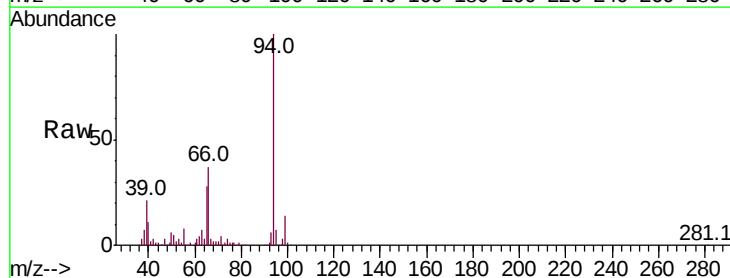


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

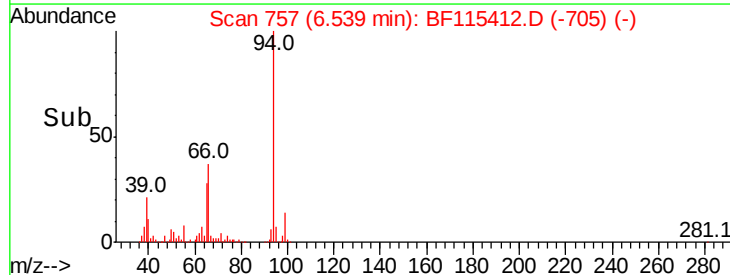
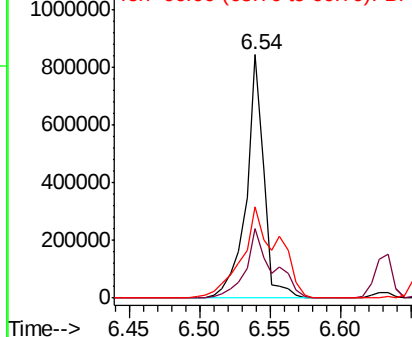


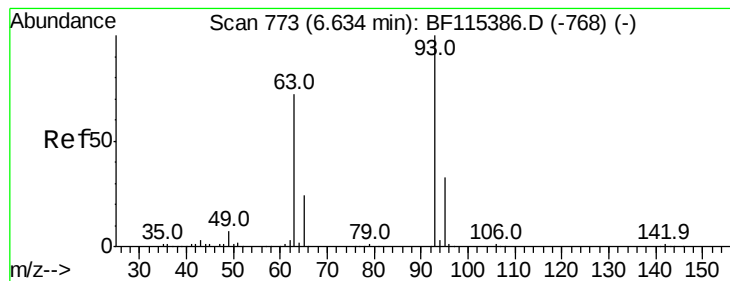
#10
Phenol
Concen: 40.445 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.5	8.0	48.0
66	37.3	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





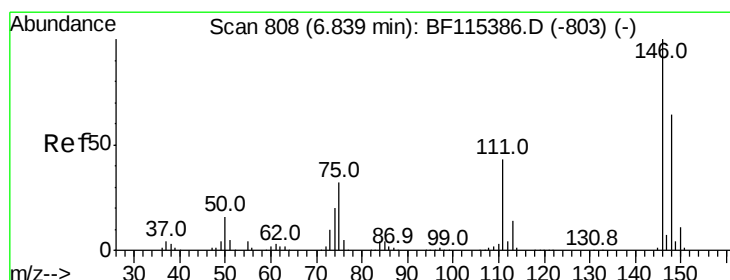
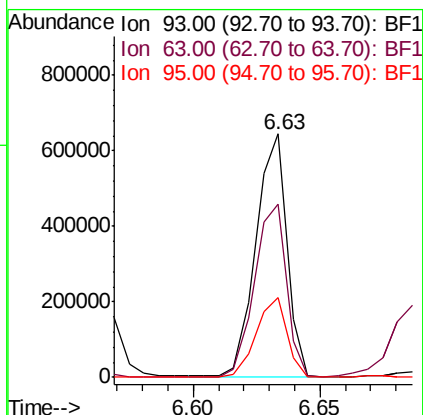
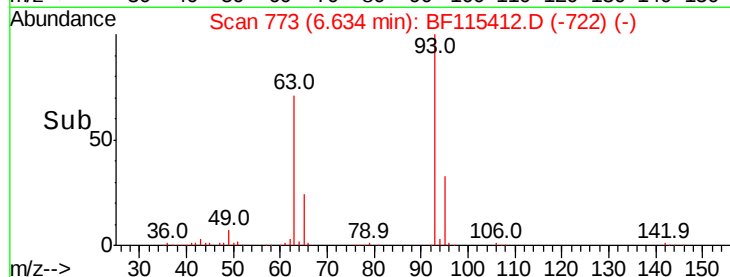
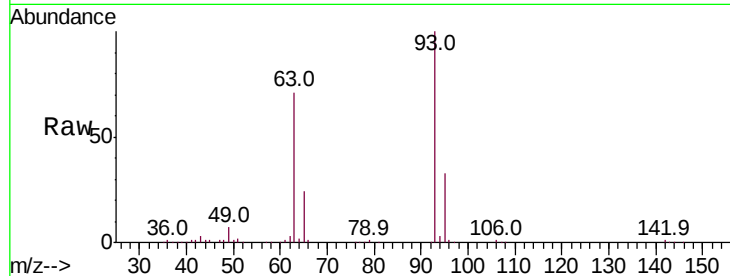
#11
bis(2-Chloroethyl)ether
Concen: 41.459 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.3	51.5	91.5
95	32.9	12.9	52.9

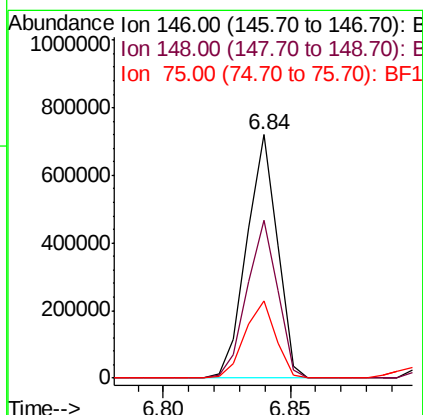
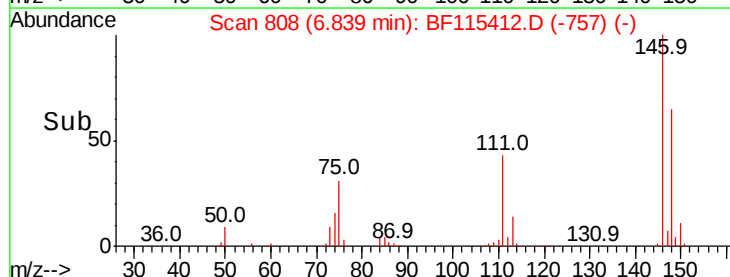
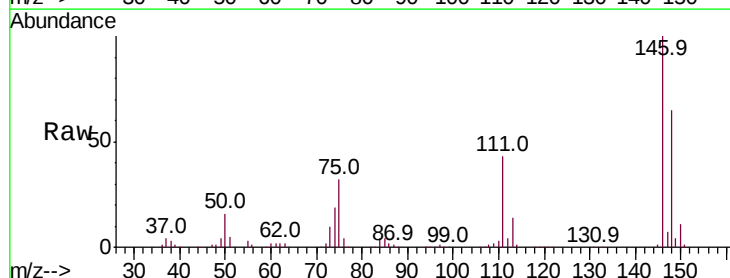
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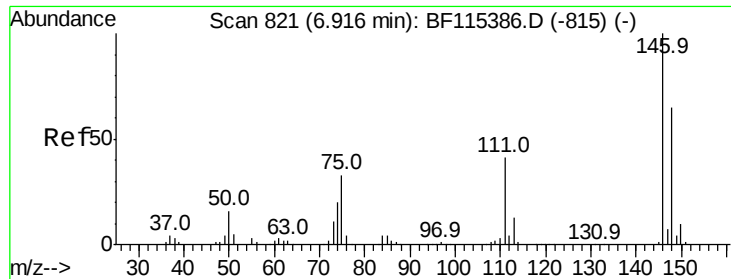
mohammad
7/10/2019 9:04:28 AM



#12
1,3-Dichlorobenzene
Concen: 41.451 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.8	76.2
75	32.0	25.9	38.9





#13

1,4-Dichlorobenzene

Concen: 41.915 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF115412.D

Acq: 8 Jul 2019 18:22

Instrument :

BNA_F

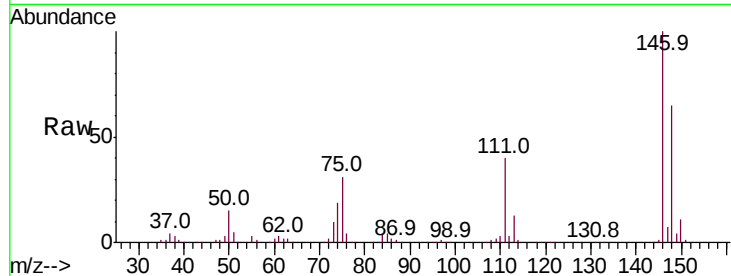
ClientSampleId :

PB121186BS

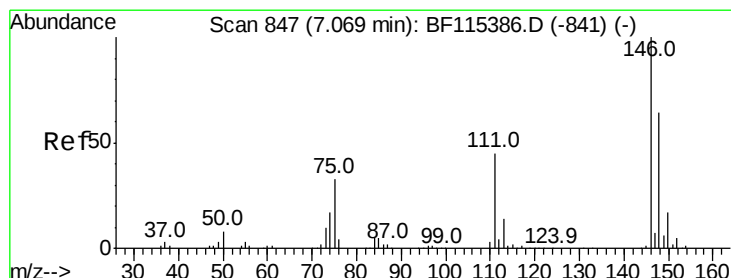
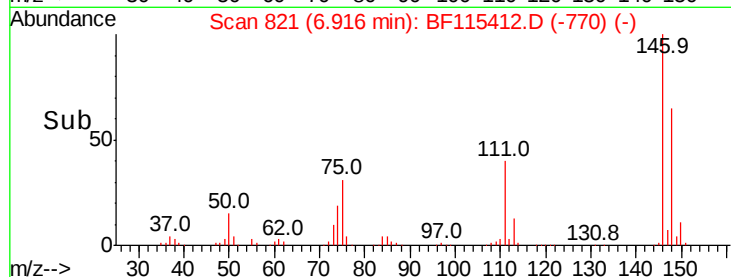
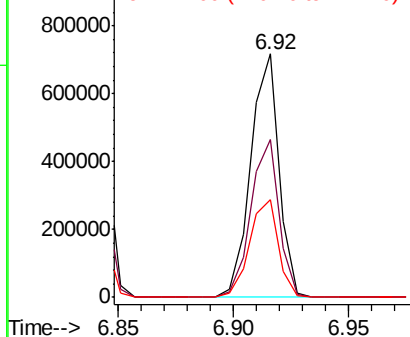
Tot Ion:	146	Resp:	613544
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.3	78.5
111	40.3	33.0	49.4

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.740 ng

RT: 7.07 min Scan# 847

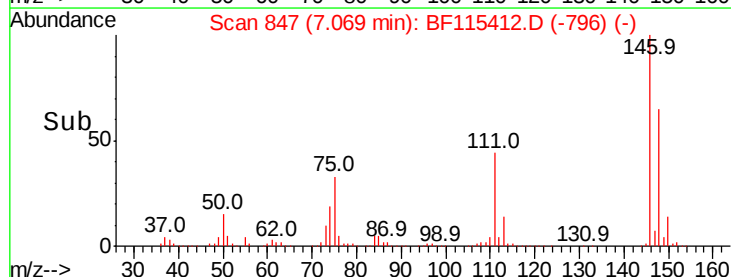
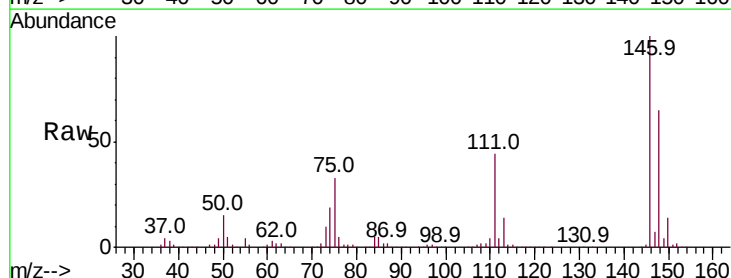
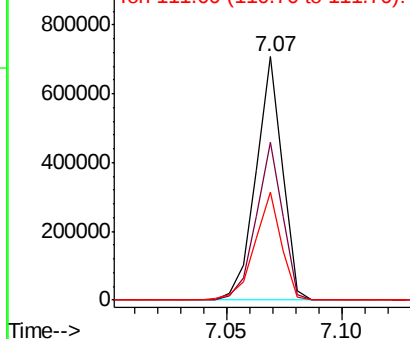
Delta R.T. -0.00 min

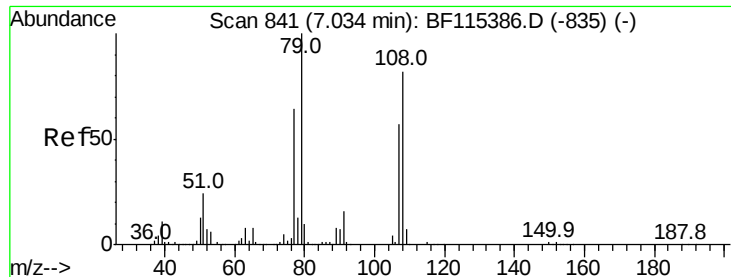
Lab File: BF115412.D

Acq: 8 Jul 2019 18:22

Tgt Ion:	146	Resp:	565673
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.3	76.9
111	44.1	36.2	54.2

Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.315 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF115412.D

Acq: 8 Jul 2019 18:22

Instrument :

BNA_F

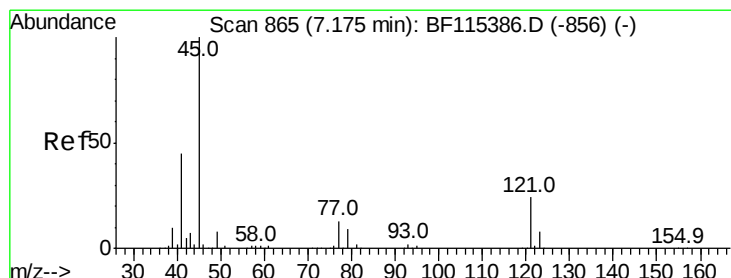
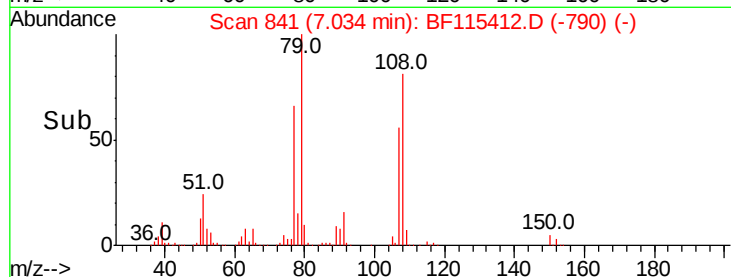
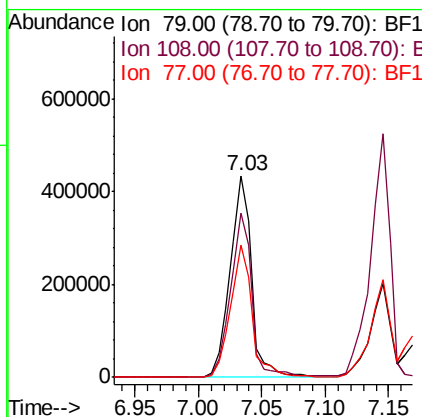
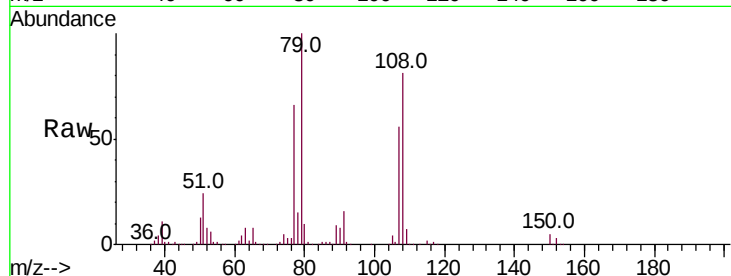
ClientSampleId :

PB121186BS

Tot Ion:	79	Resp:	510137
Ion Ratio	Lower	Upper	
79	100		
108	81.3	65.4	98.2
77	65.6	51.5	77.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.983 ng

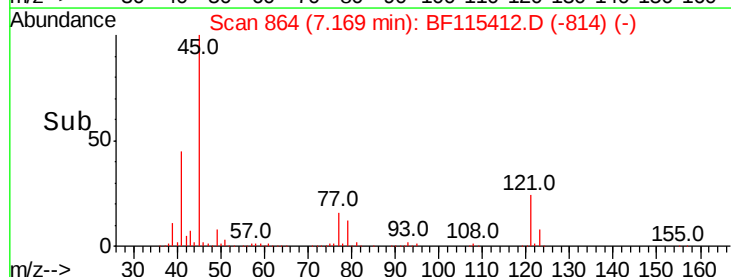
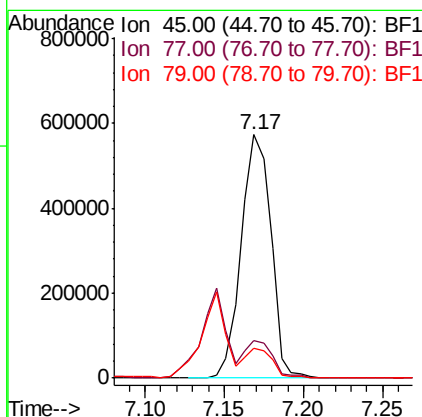
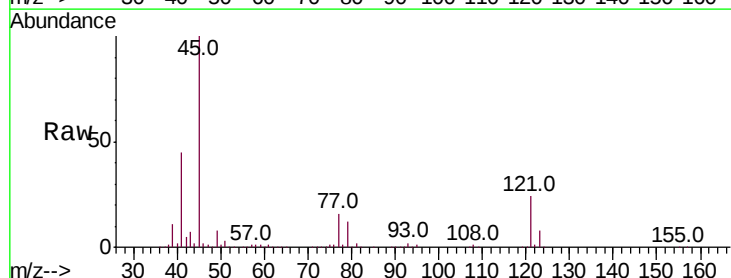
RT: 7.17 min Scan# 864

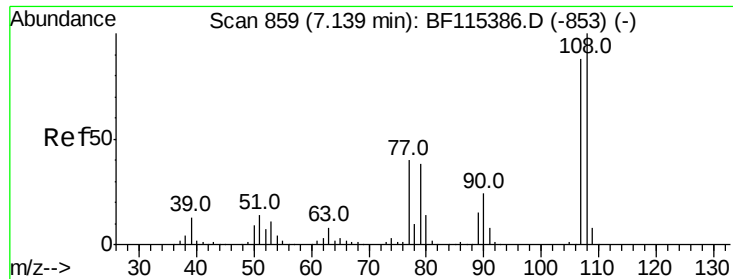
Delta R.T. -0.01 min

Lab File: BF115412.D

Acq: 8 Jul 2019 18:22

Tgt Ion:	45	Resp:	745497
Ion Ratio	Lower	Upper	
45	100		
77	15.6	0.0	36.0
79	12.0	0.0	32.0





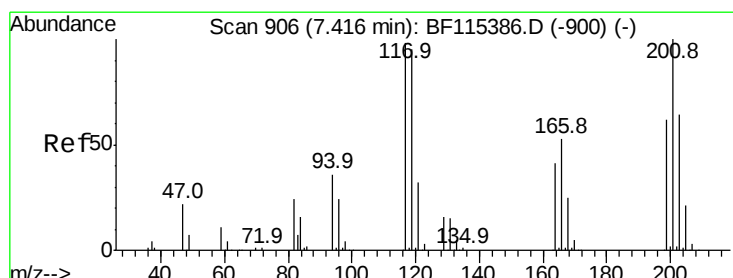
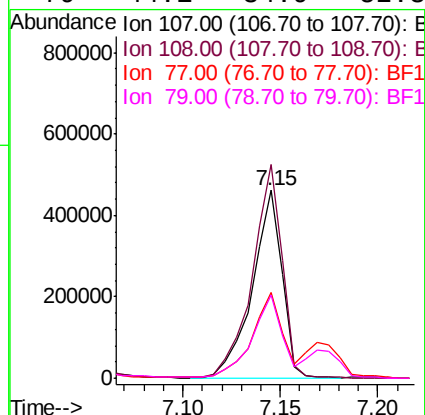
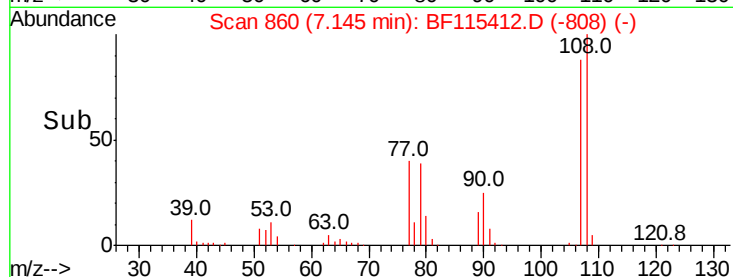
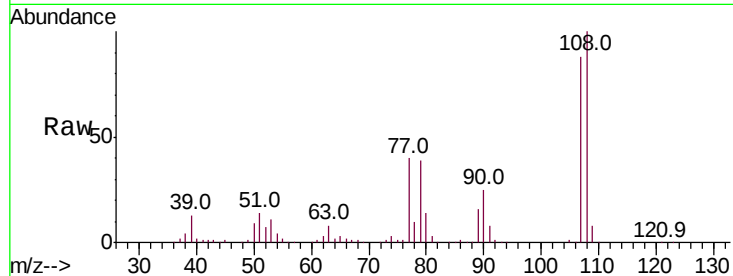
#17
2-Methylphenol
Concen: 42.208 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.7	136.1
77	45.6	36.3	54.5
79	44.1	34.9	52.3

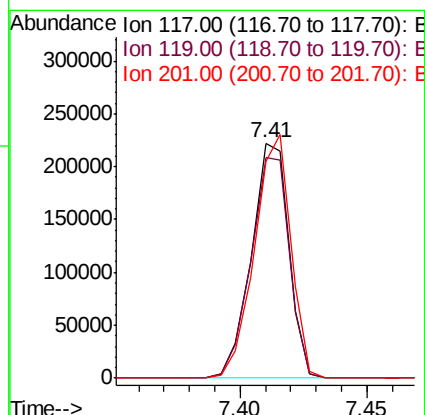
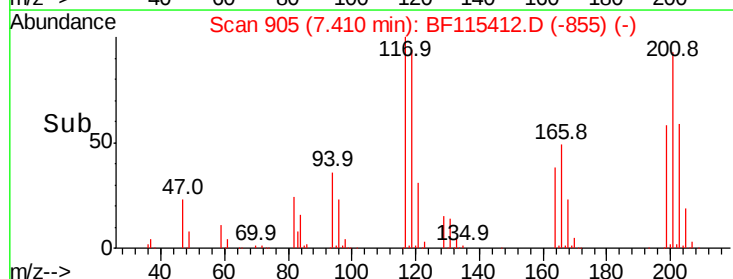
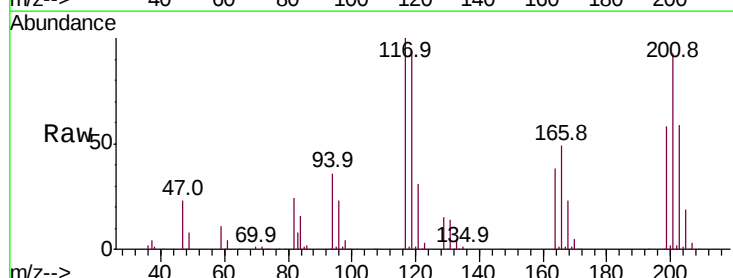
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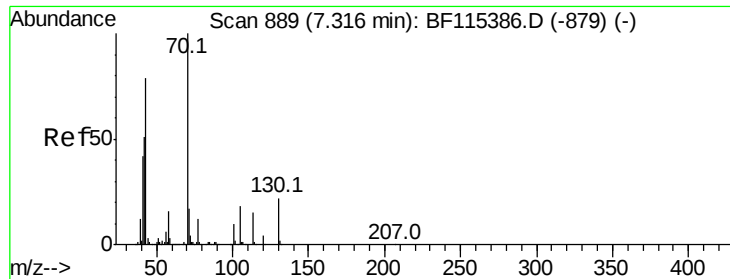
mohammad
7/10/2019 9:04:28 AM



#18
Hexachloroethane
Concen: 42.101 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.1	115.7
201	92.5	81.3	121.9





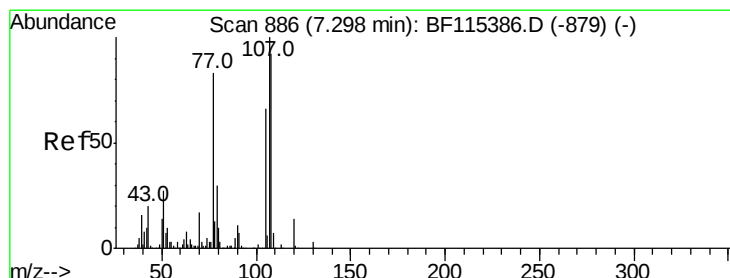
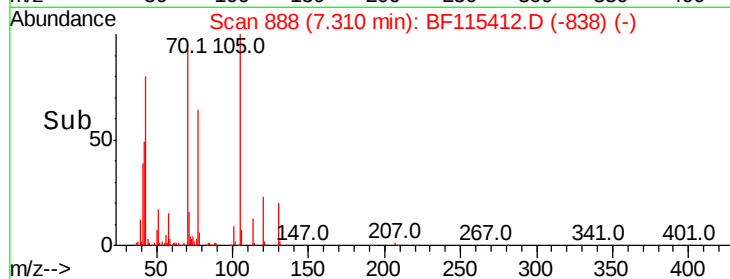
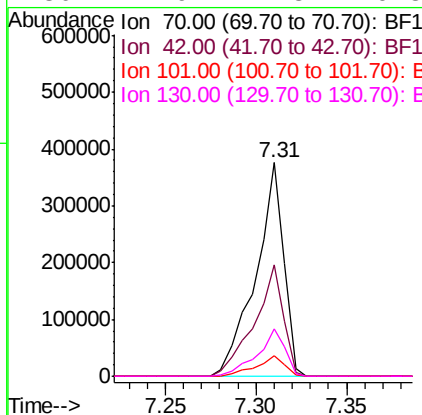
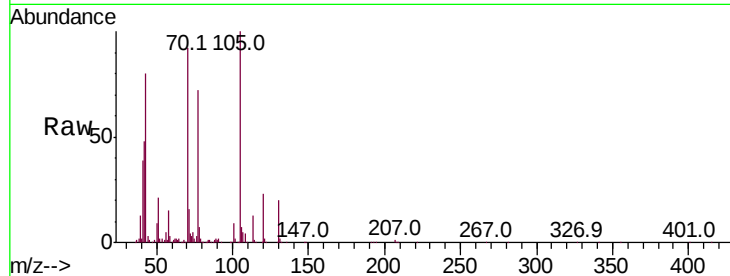
#19
n-Nitroso-di-n-propylamine
Concen: 40.137 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.4	41.1	61.7
101	9.5	8.0	12.0
130	21.9	17.8	26.8

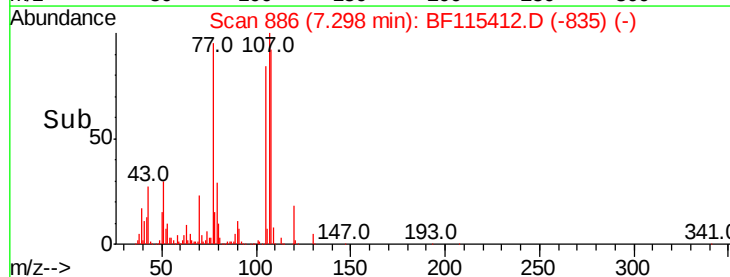
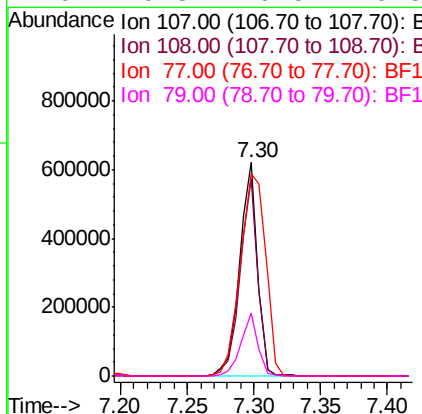
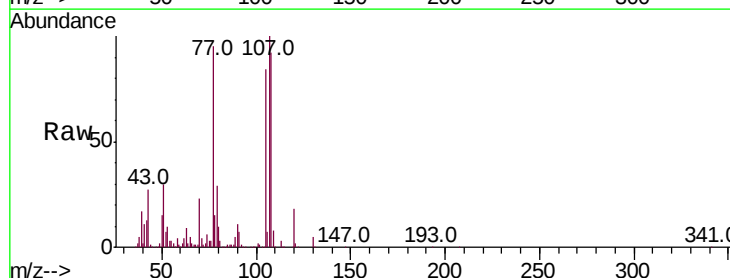
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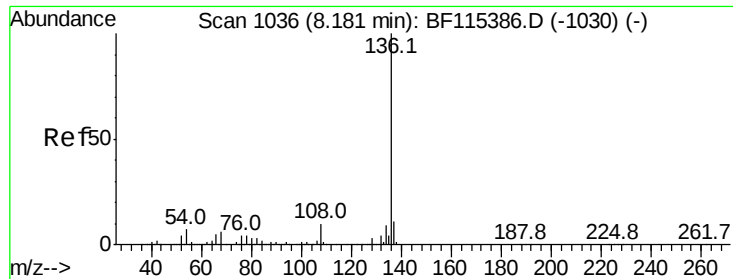
mohammad
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#20
3+4-Methylphenols
Concen: 42.895 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	72.5	112.5
77	94.9	62.7	102.7
79	29.3	9.5	49.5





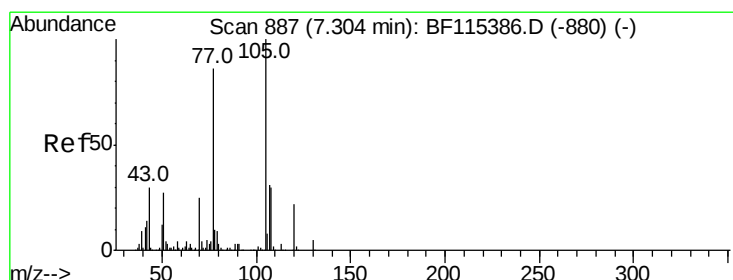
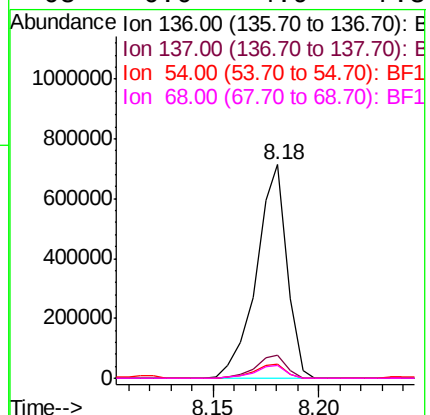
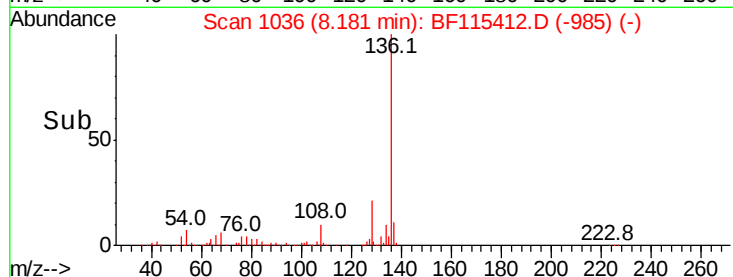
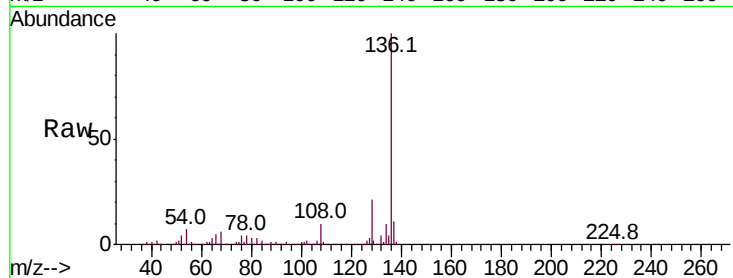
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	6.5	5.6	8.4	
68	6.0	4.9	7.3	

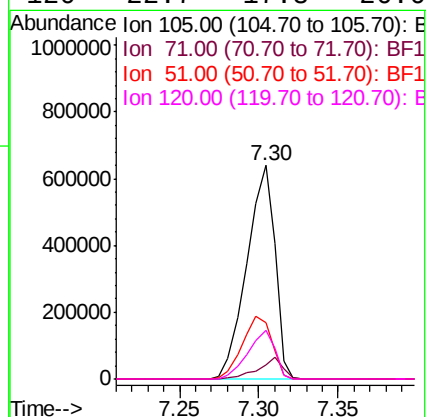
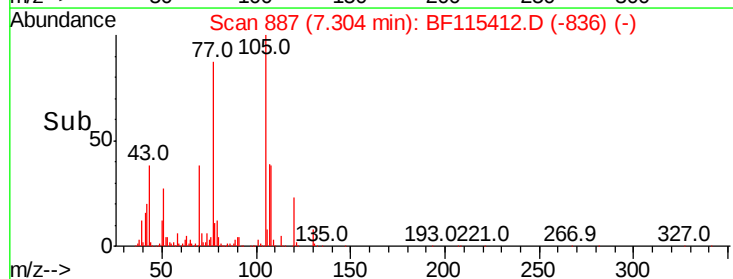
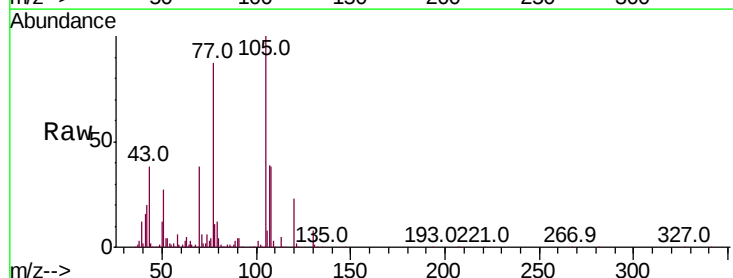
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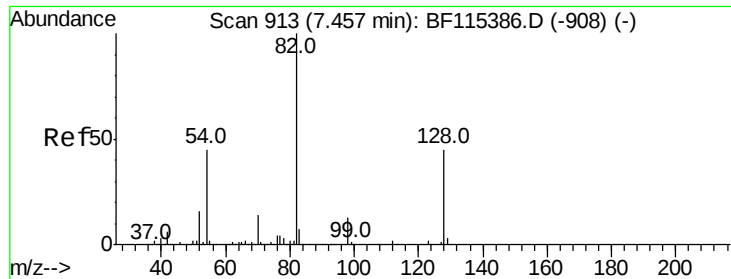
mohammad
7/10/2019 9:04:28 AM



#22
Acetophenone
Concen: 45.703 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.5	3.3	4.9#	
51	26.5	21.5	32.3	
120	22.7	17.8	26.6	





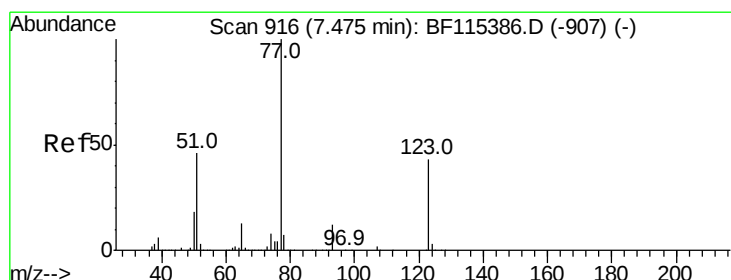
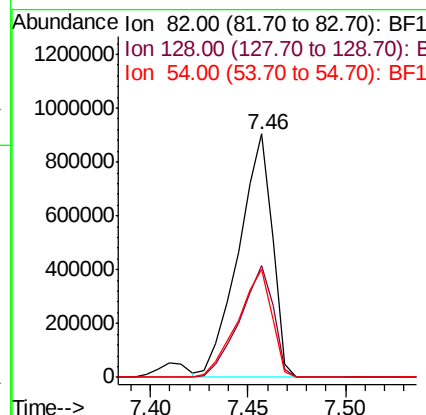
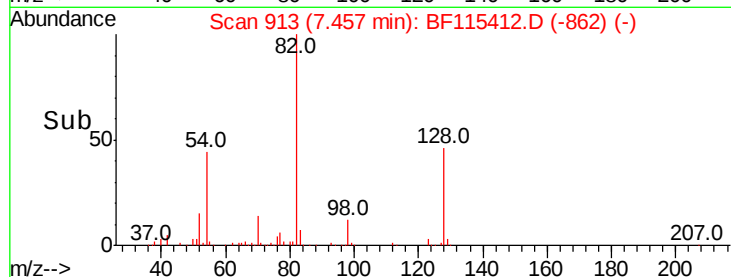
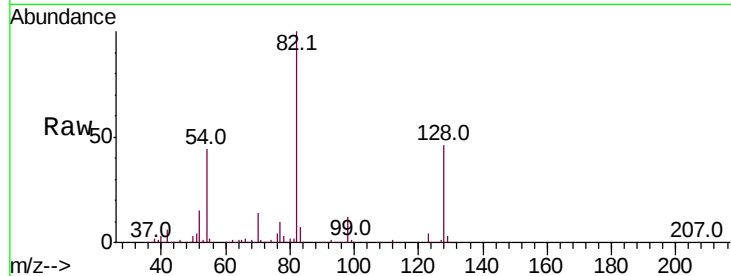
#23
 Nitrobenzene-d5
 Concen: 89.560 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF115412.D
 Acq: 8 Jul 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 PB121186BS

Tot Ion	82	Resp	1088401
Ion Ratio	100	Lower	Upper
128	46.1	35.7	53.5
54	44.3	36.3	54.5

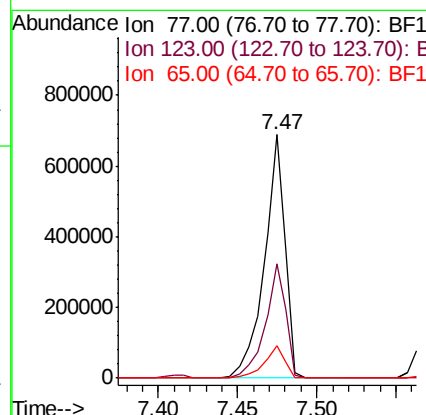
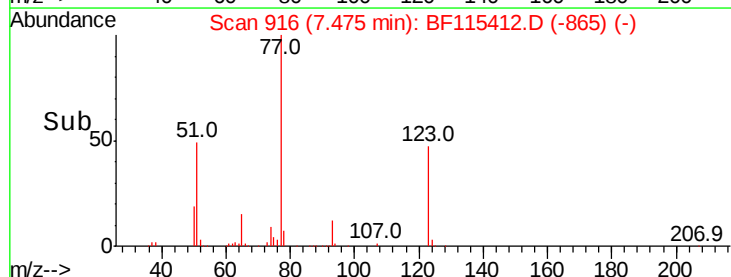
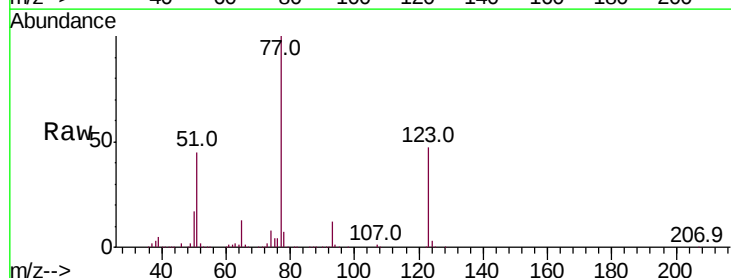
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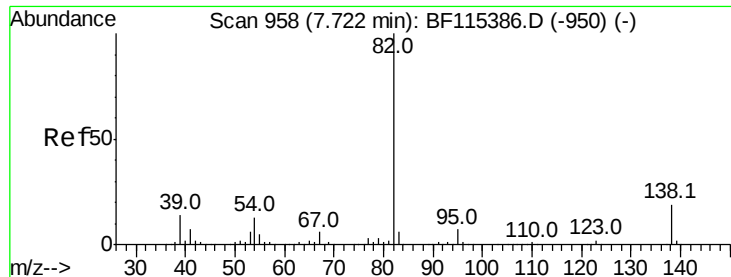
mohammad
 7/10/2019 9:04:28 AM



#24
 Nitrobenzene
 Concen: 45.729 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BF115412.D
 Acq: 8 Jul 2019 18:22

Tgt Ion	77	Resp	627625
Ion Ratio	100	Lower	Upper
123	47.0	35.0	52.6
65	13.5	10.8	16.2





#25

Isophorone

Concen: 43.651 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115412.D

Acq: 8 Jul 2019 18:22

Instrument :

BNA_F

ClientSampleId :

PB121186BS

Tot Ion: 82 Resp: 1149841

Ion Ratio Lower Upper

82 100

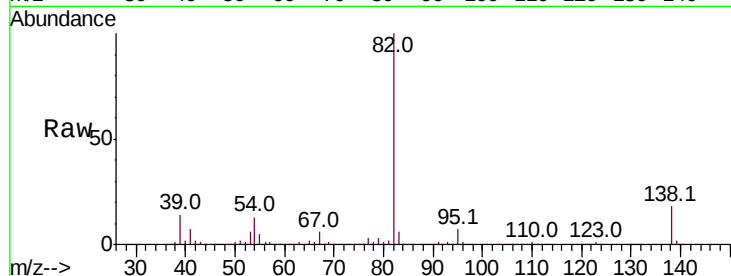
95 6.8 5.4 8.0

138 17.8 14.9 22.3

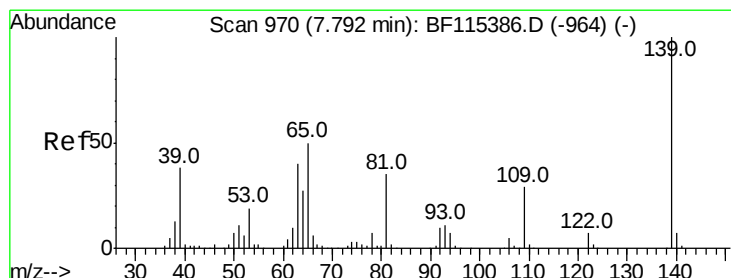
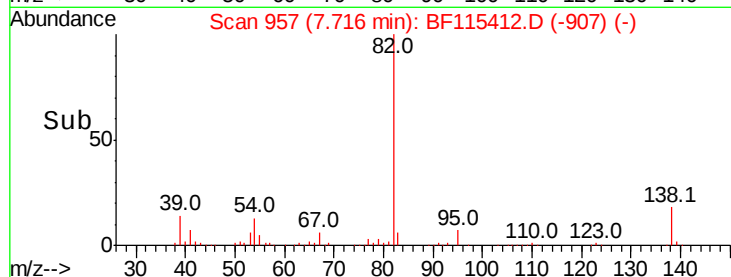
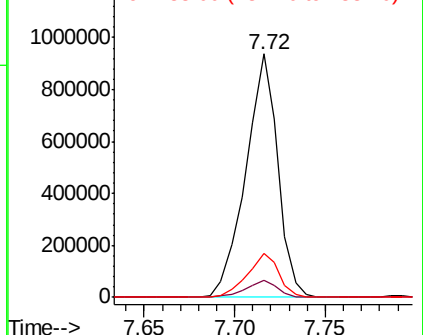
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 54.283 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF115412.D

Acq: 8 Jul 2019 18:22

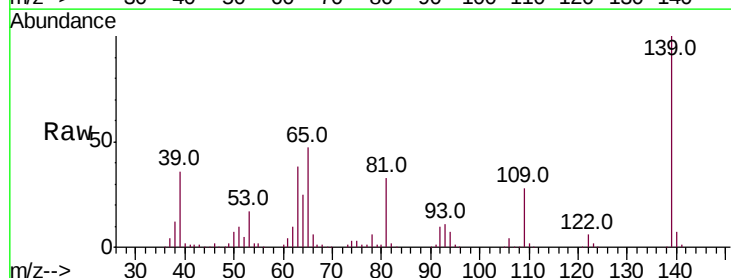
Tgt Ion: 139 Resp: 306296

Ion Ratio Lower Upper

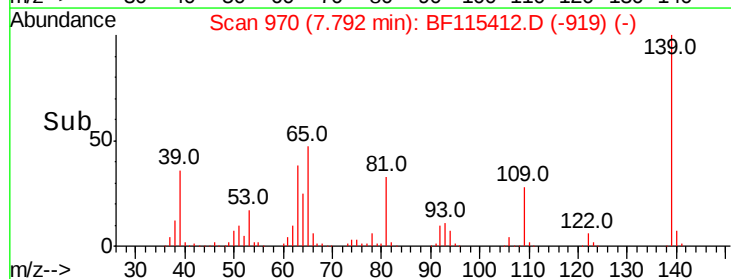
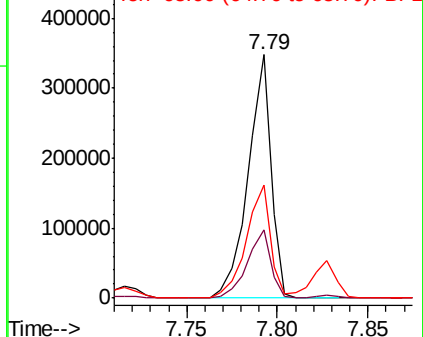
139 100

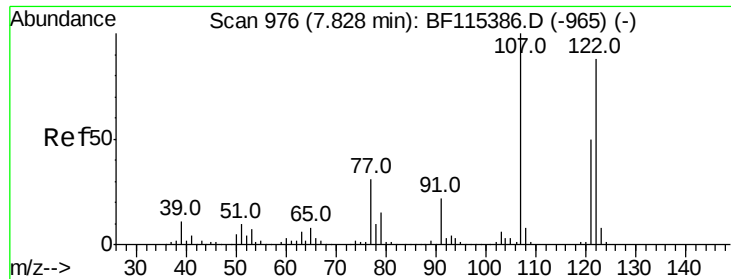
109 28.0 22.9 34.3

65 46.5 40.2 60.4



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





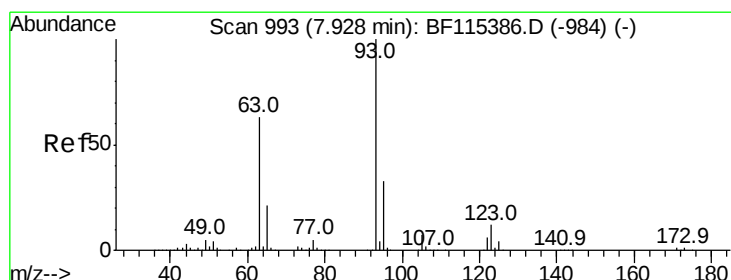
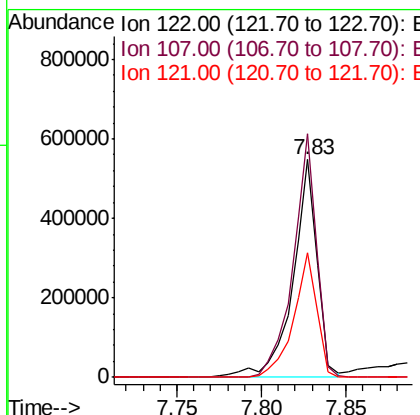
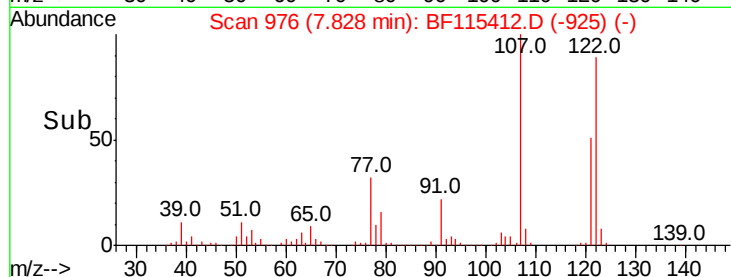
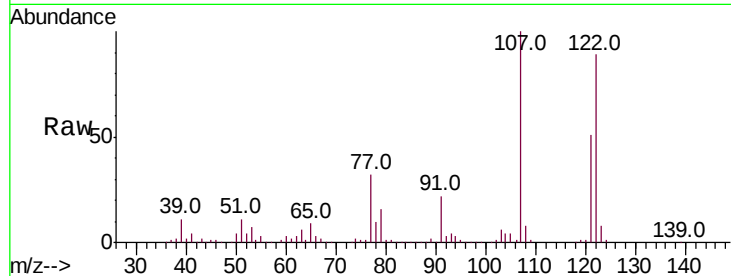
#27
2,4-Dimethylphenol
Concen: 50.899 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.8	91.0	136.6
121	57.4	45.9	68.9

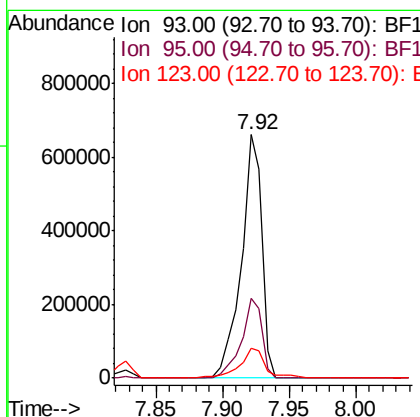
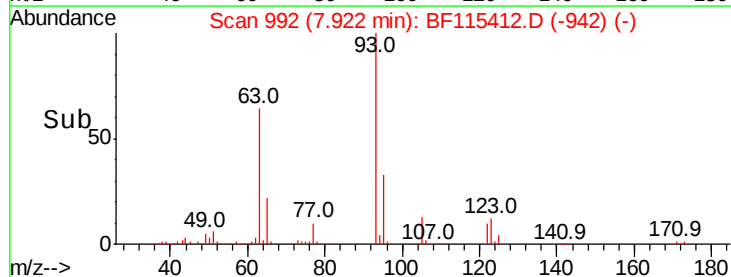
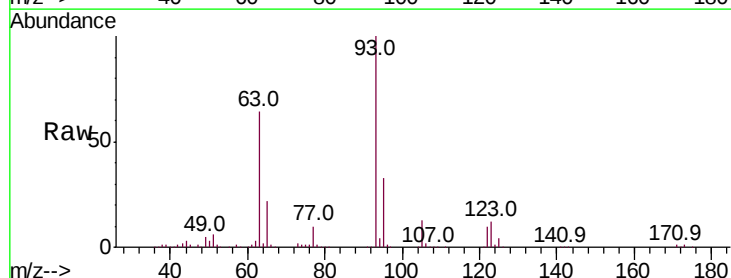
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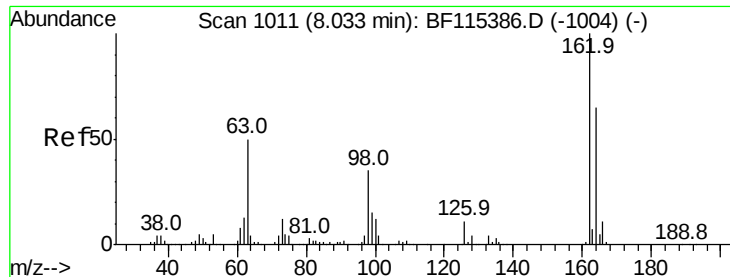
mohammad
7/10/2019 9:04:28 AM



#28
bis(2-Chloroethoxy)methane
Concen: 43.186 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.6	39.8
123	12.0	10.0	15.0





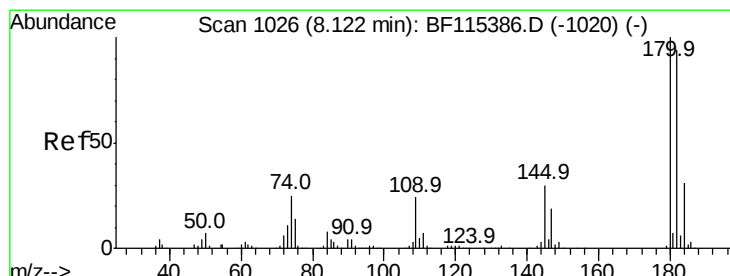
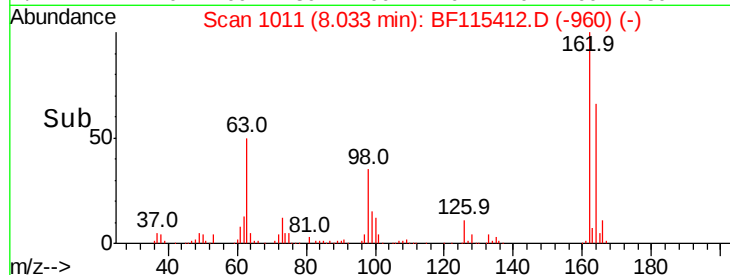
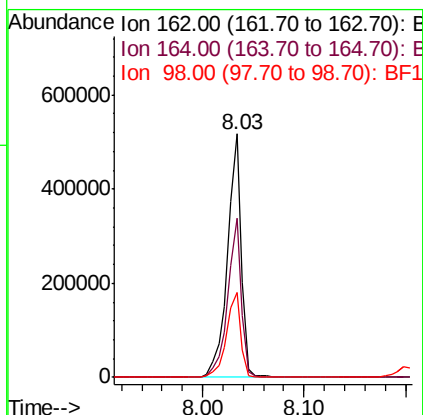
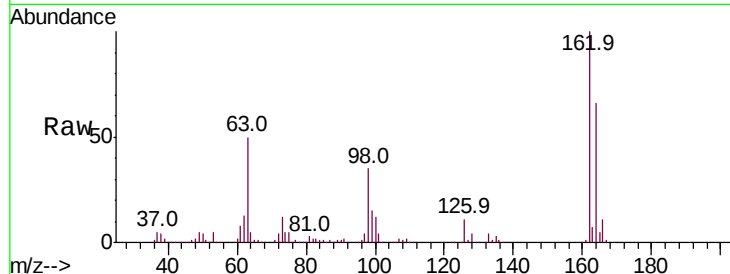
#29
 2,4-Dichlorophenol
 Concen: 45.726 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF115412.D
 Acq: 8 Jul 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 PB121186BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	490027		
164	65.6	44.6	84.6	
98	35.1	15.0	55.0	

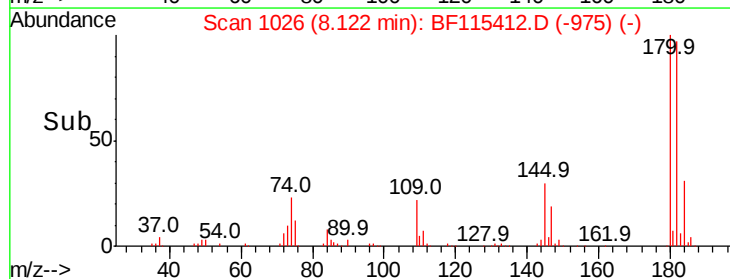
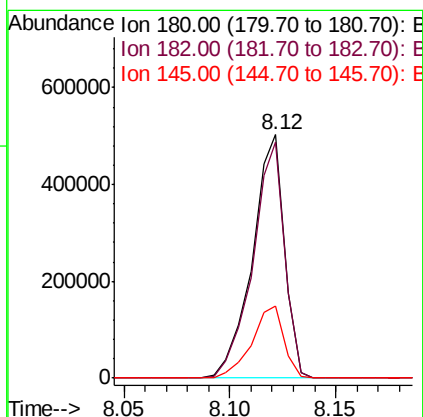
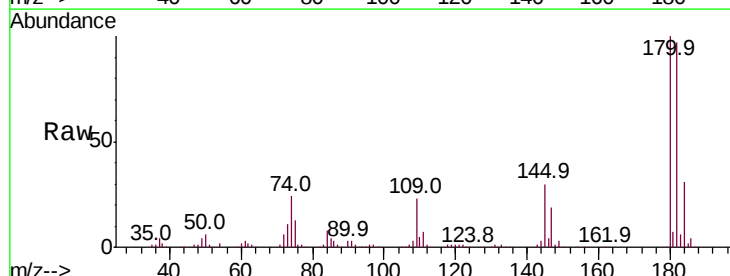
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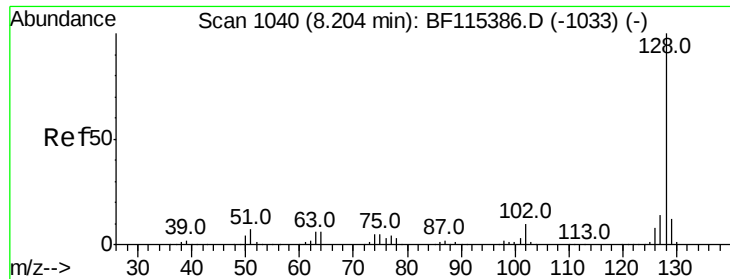
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.548 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF115412.D
 Acq: 8 Jul 2019 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	531476		
182	96.8	75.6	113.4	
145	29.5	23.8	35.6	





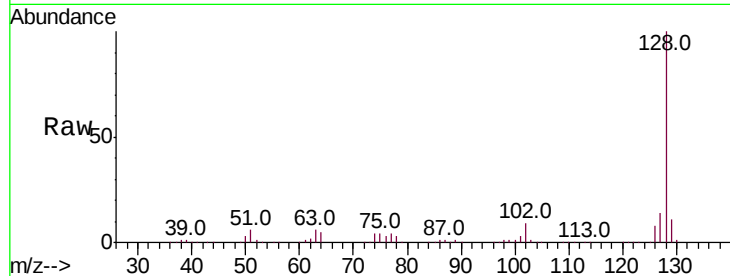
#31
Naphthalene
Concen: 45.924 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.9	11.2	16.8

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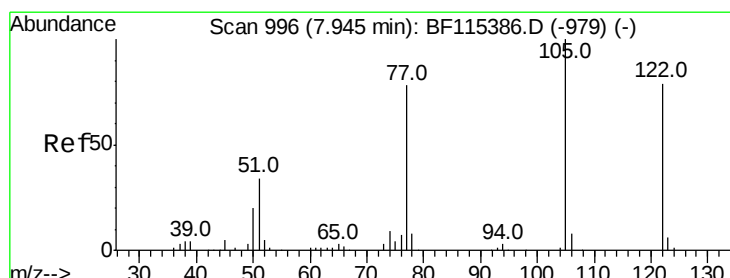
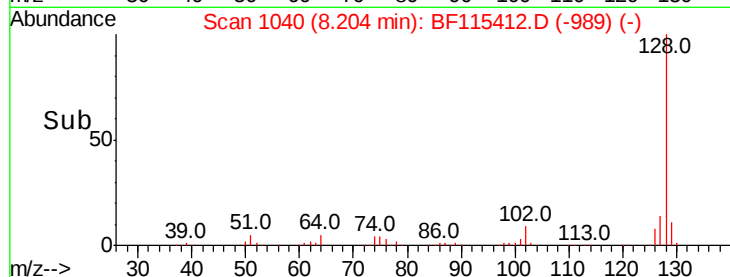
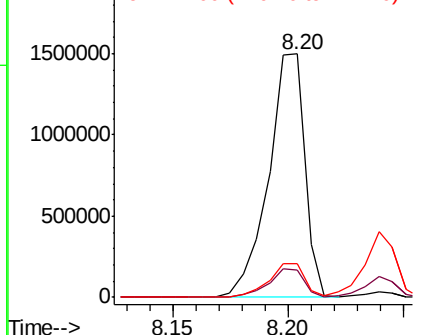


Abundance

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: 48.757 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

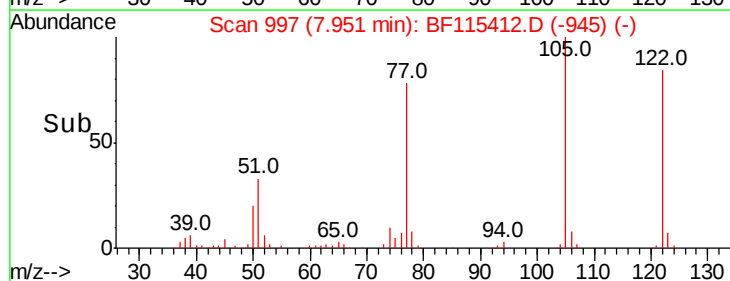
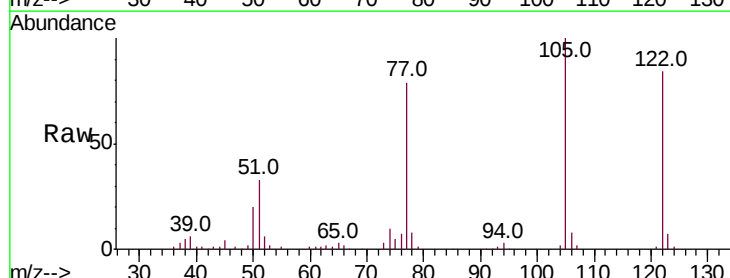
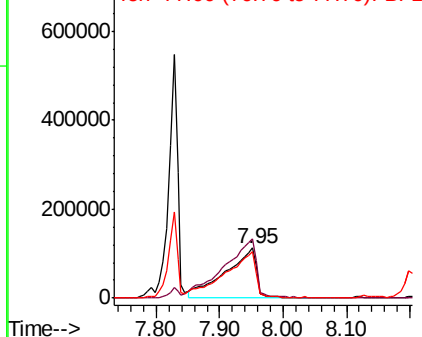
Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.8	105.1	145.1
77	93.6	77.8	117.8

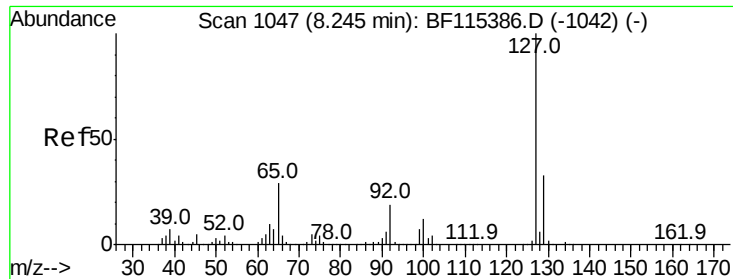
Abundance

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





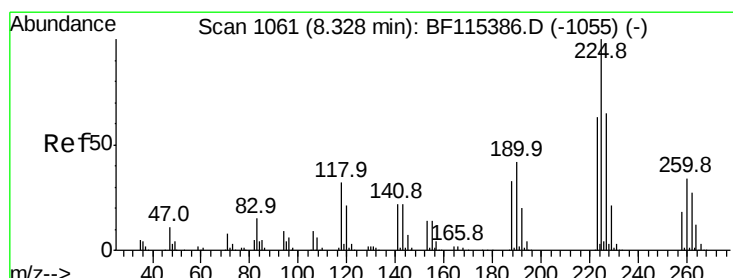
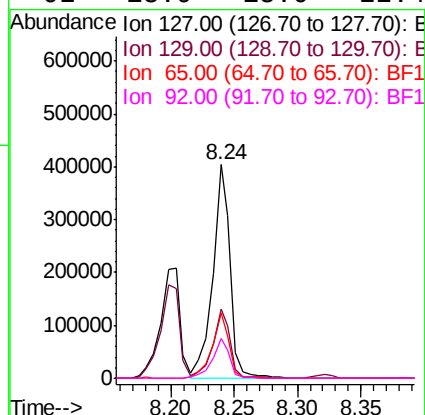
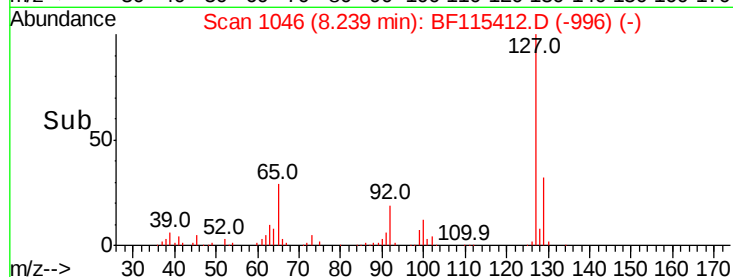
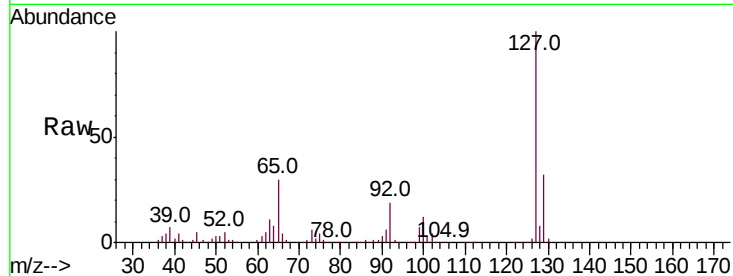
#33
4-Chloroaniline
Concen: 24.448 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.5	39.7		
65	30.4	23.3	34.9		
92	18.9	15.0	22.4		

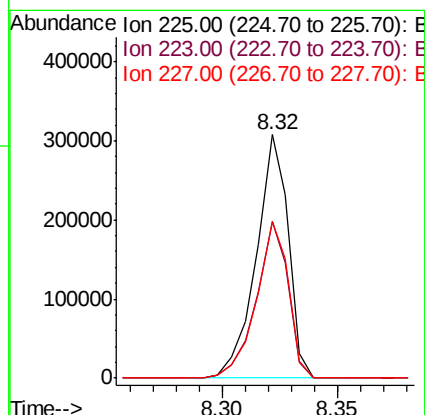
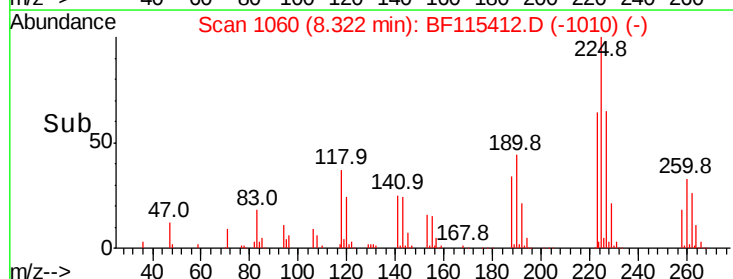
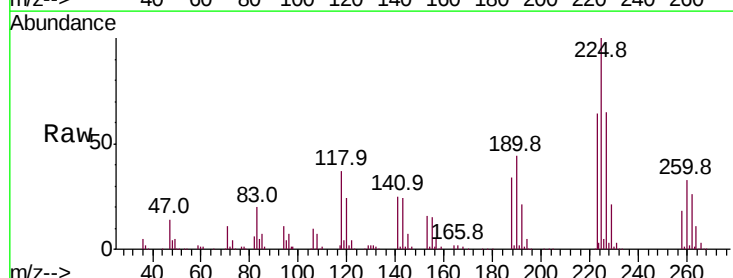
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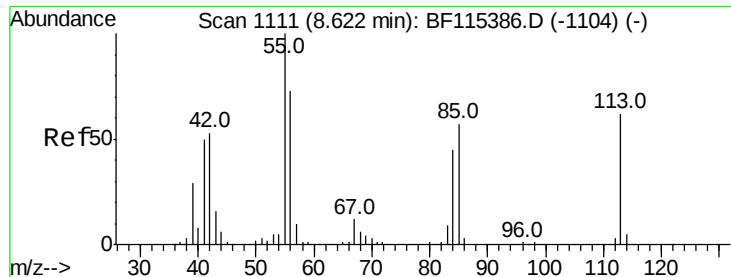
mohammad
7/10/2019 9:04:28 AM



#34
Hexachlorobutadiene
Concen: 44.020 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.4	50.7	76.1		
227	64.6	52.1	78.1		





#35

Caprolactam

Concen: 43.997 ng/mL

RT: 8.62 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BF115412.D

Acq: 8 Jul 2019 18:22

Instrument :

BNA_F

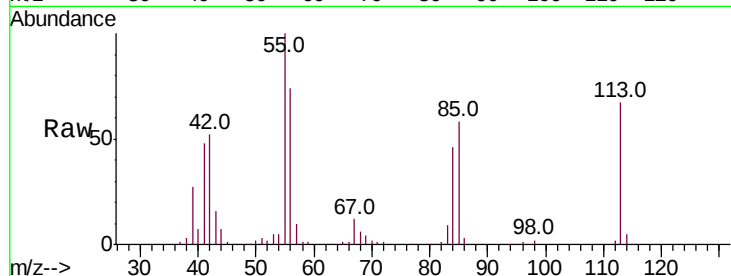
ClientSampleId :

PB121186BS

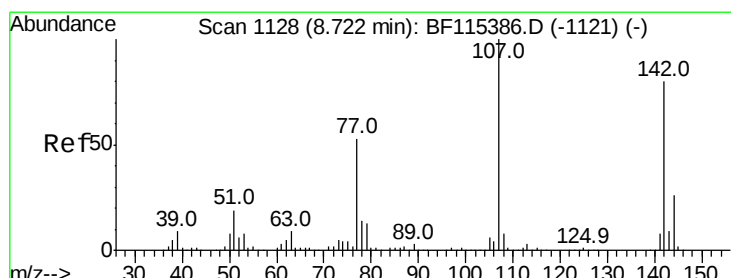
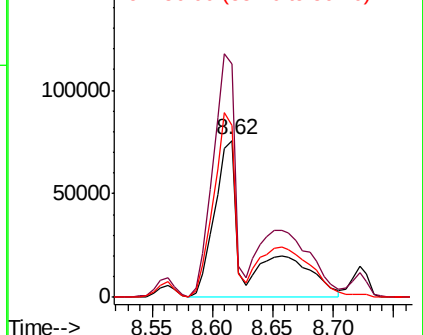
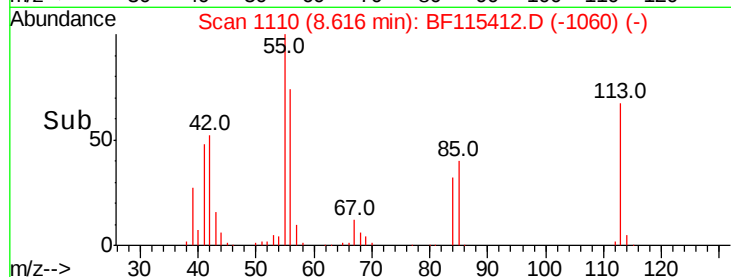
Tot Ion:	113	Resp:	153564
Ion Ratio	Lower	Upper	
113	100		
55	148.2	141.9	181.9
56	109.3	98.7	138.7

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 45.044 ng/mL

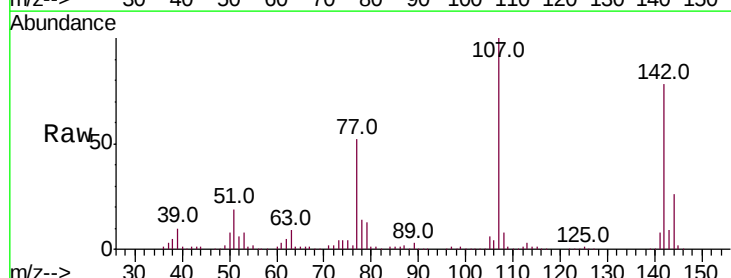
RT: 8.72 min Scan# 1128

Delta R.T. -0.00 min

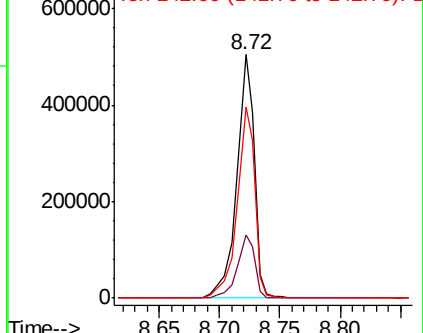
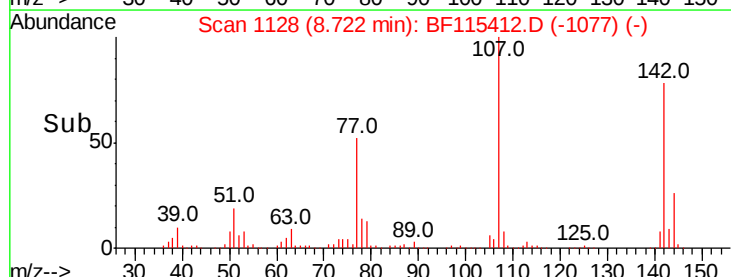
Lab File: BF115412.D

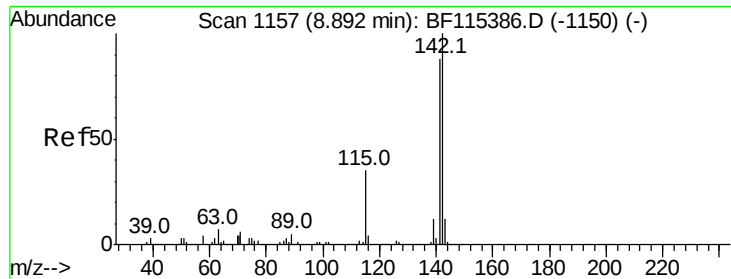
Acq: 8 Jul 2019 18:22

Tgt Ion:	107	Resp:	510588
Ion Ratio	Lower	Upper	
107	100		
144	25.7	20.8	31.2
142	78.3	64.0	96.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





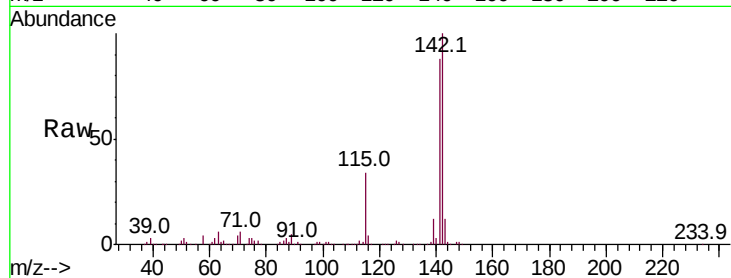
#37
2-Methylnaphthalene
Concen: 46.031 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.6	106.0
115	33.7	27.8	41.8

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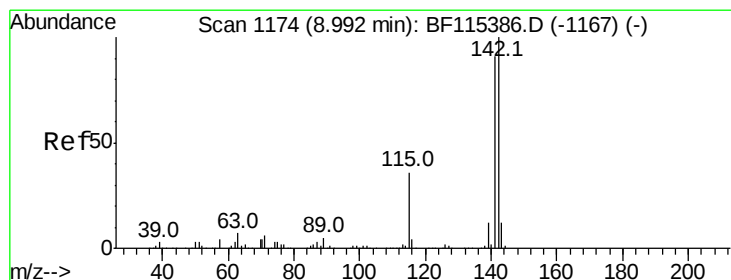
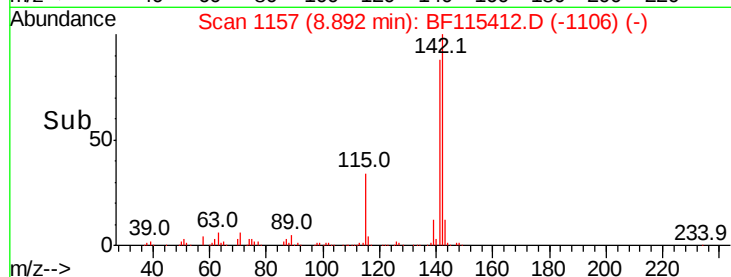
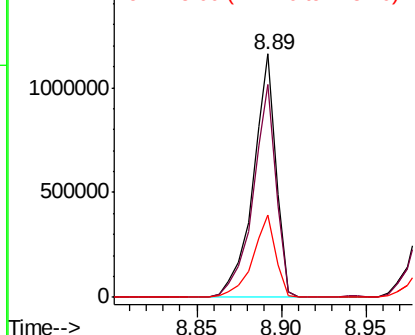


Abundance

Ion 142.00 (141.70 to 142.70): E

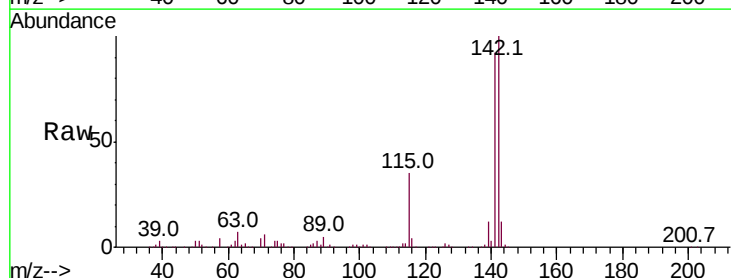
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.008 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.7	109.1
116	3.7	3.0	4.4

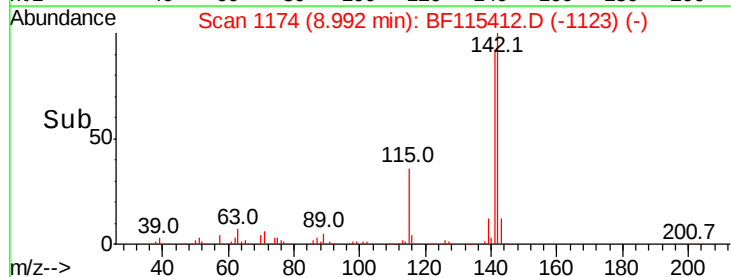
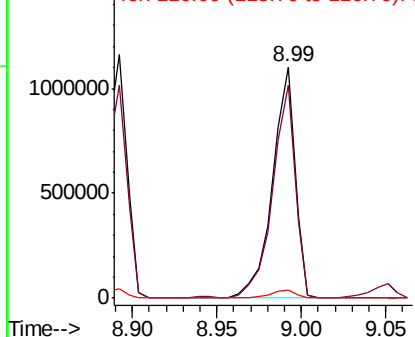


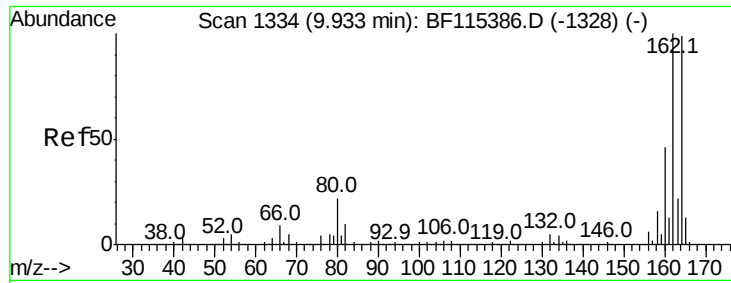
Abundance

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





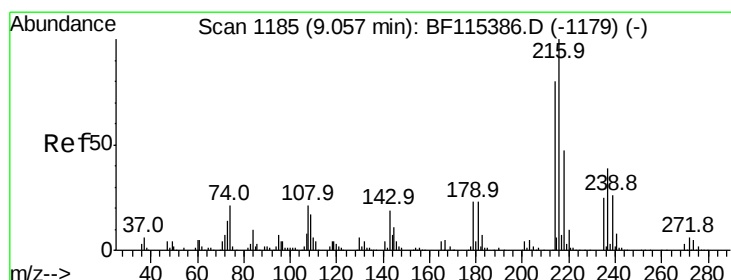
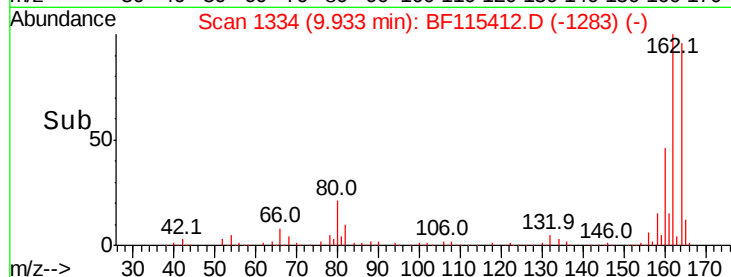
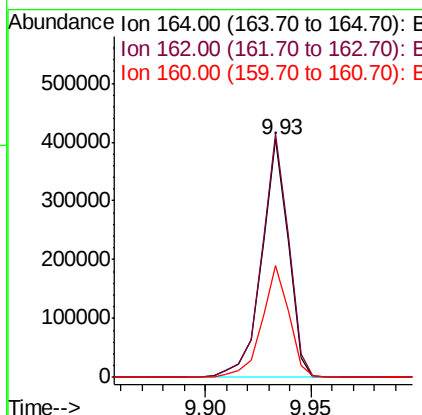
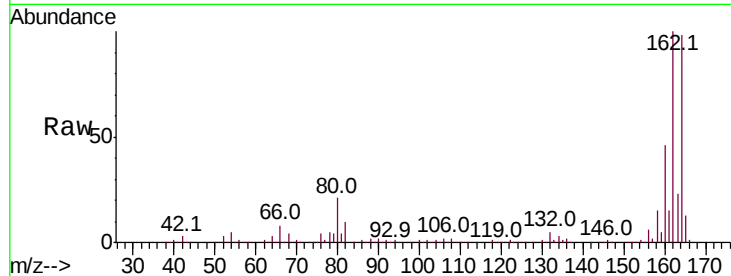
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampled :
PB121186BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	121.0
160	47.1	37.0	55.6

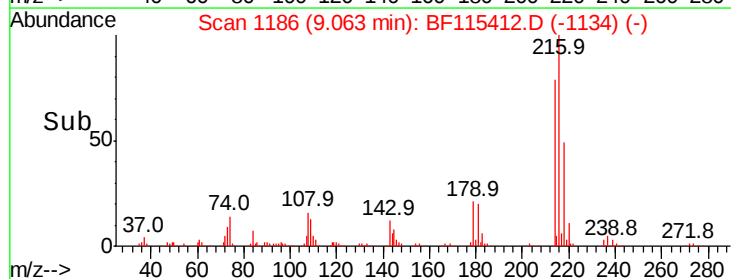
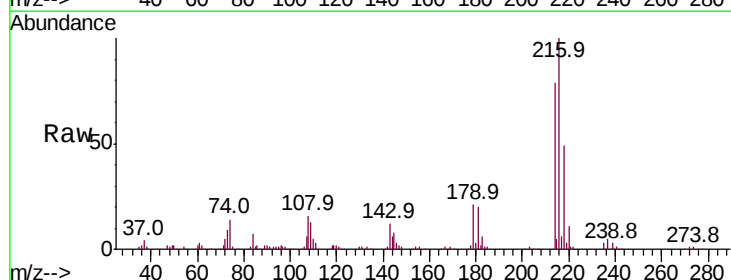
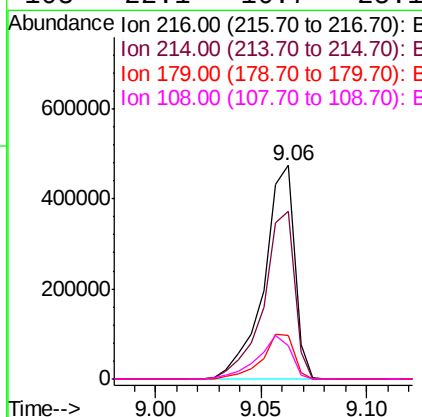
Manual Integrations
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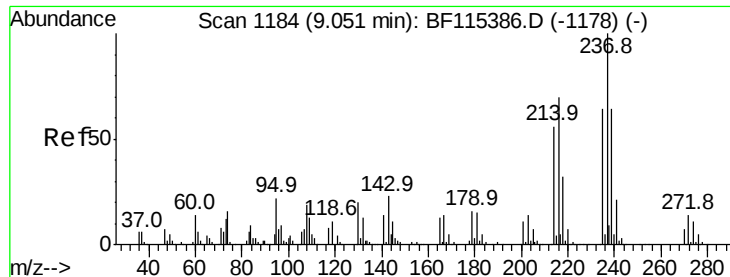
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.944 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.7	95.5
179	21.8	17.8	26.8
108	22.1	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 92.399 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF115412.D

Acq: 8 Jul 2019 18:22

Instrument :

BNA_F

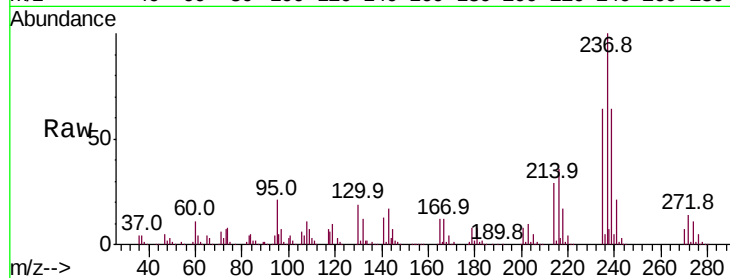
ClientSampleId :

PB121186BS

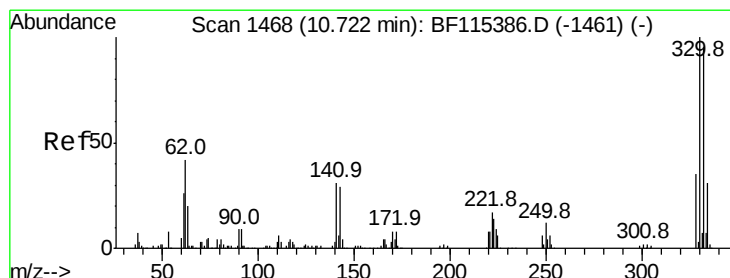
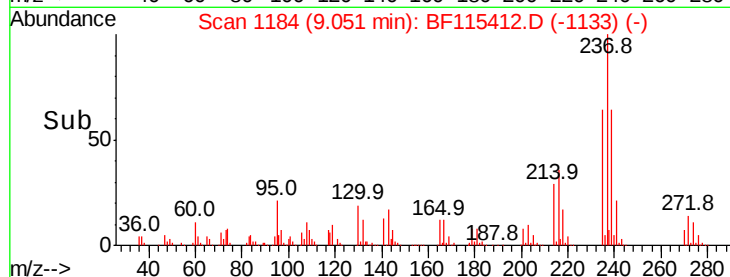
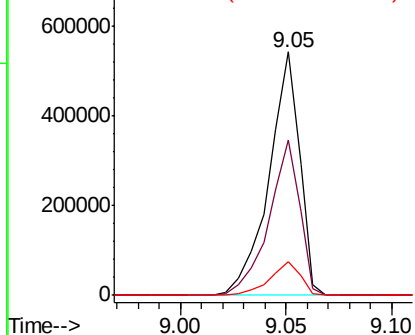
Tot Ion:	237	Resp:	547088
Ion Ratio	Lower	Upper	
237	100		
235	64.0	44.4	84.4
272	13.9	0.0	33.7

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: 131.039 ng

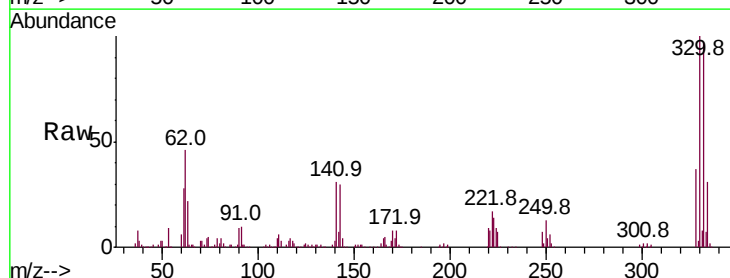
RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

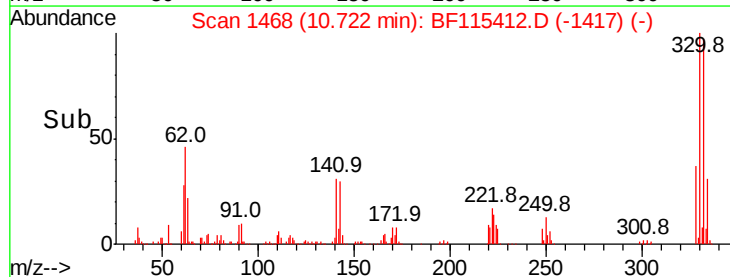
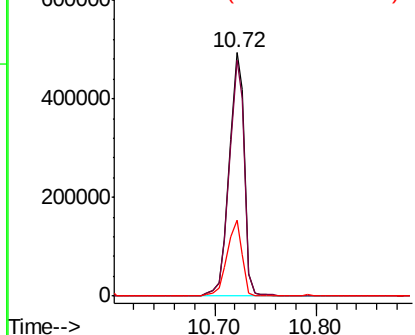
Lab File: BF115412.D

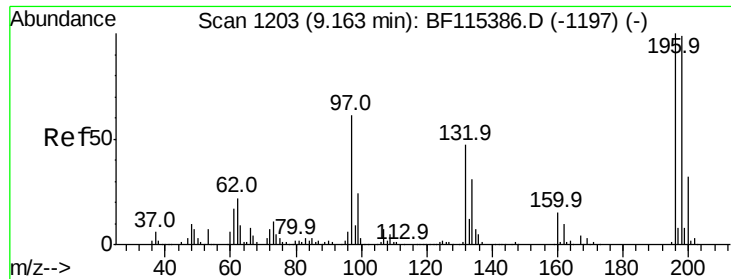
Acq: 8 Jul 2019 18:22

Tgt Ion:	330	Resp:	514483
Ion Ratio	Lower	Upper	
330	100		
332	96.7	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





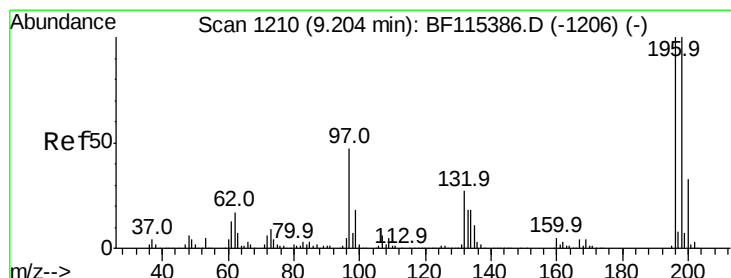
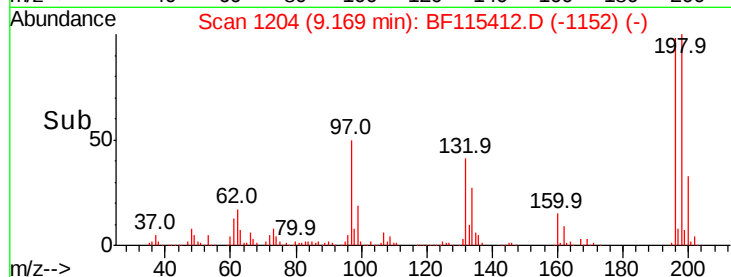
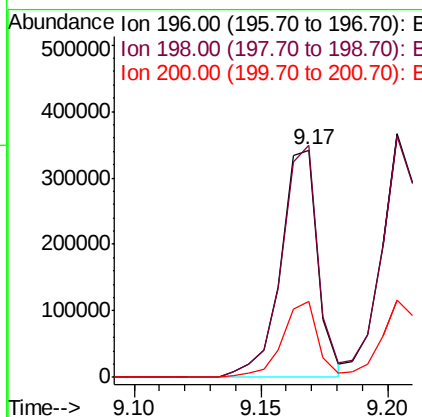
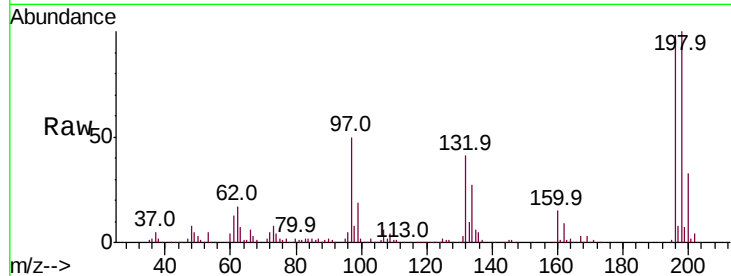
#43
 2,4,6-Trichlorophenol
 Concen: 46.951 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF115412.D
 Acq: 8 Jul 2019 18:22

Instrument :
 BNA_F
 ClientSampled :
 PB121186BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	349183		
198	101.9	79.5	119.3	
200	33.1	25.8	38.8	

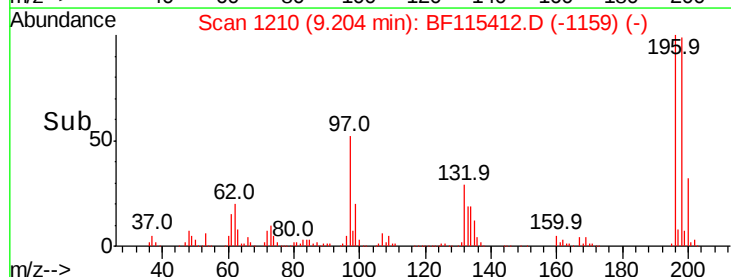
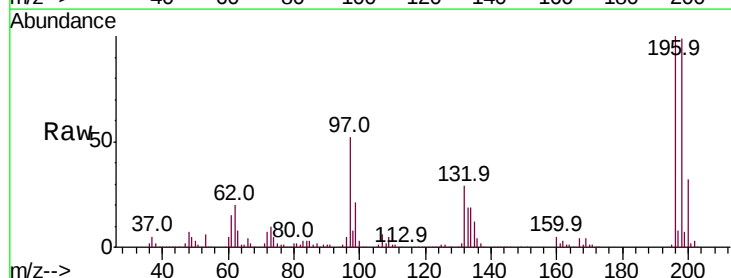
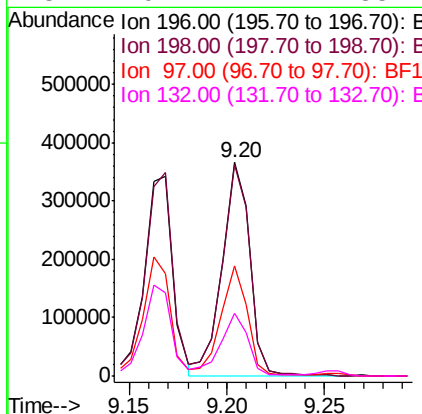
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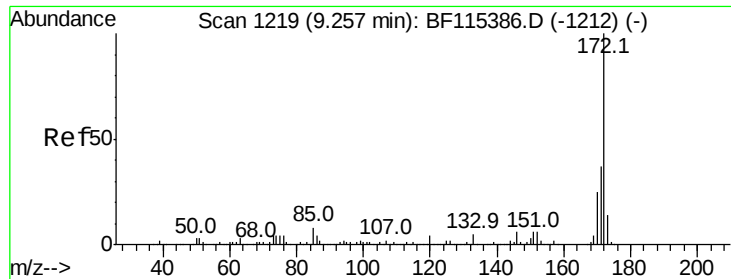
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 46.490 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF115412.D
 Acq: 8 Jul 2019 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	358525		
198	98.8	80.3	120.5	
97	51.6	38.3	57.5	
132	29.2	22.2	33.2	





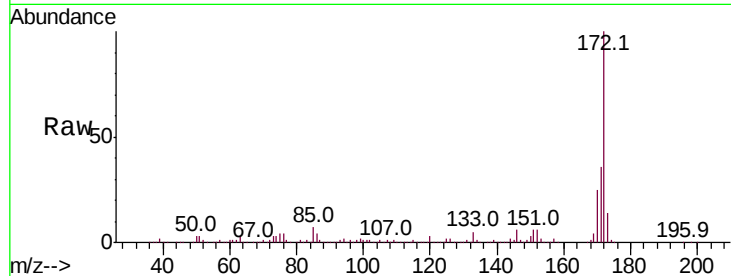
#45
2-Fluorobiphenyl
Concen: 95.042 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.8
170	24.9	20.2	30.4

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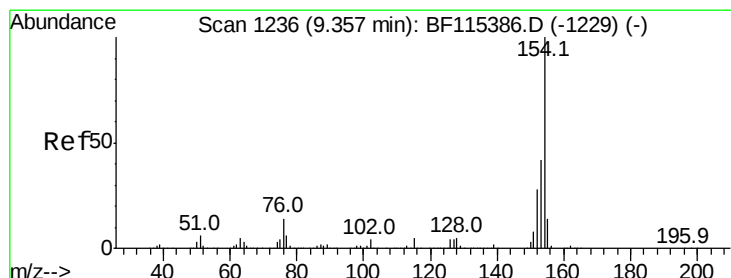
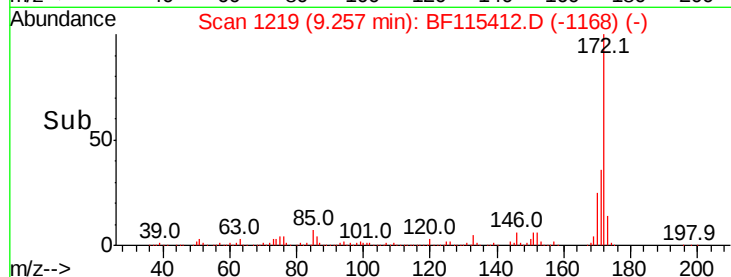
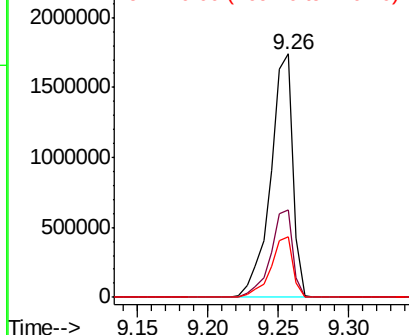


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 47.188 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

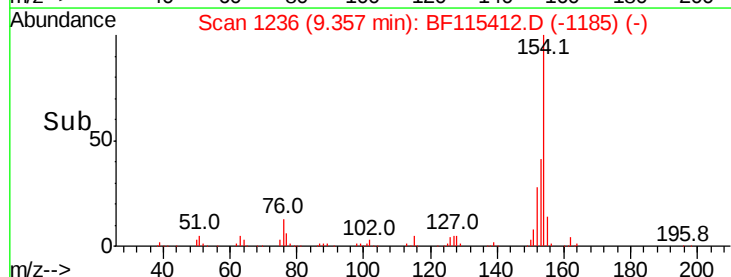
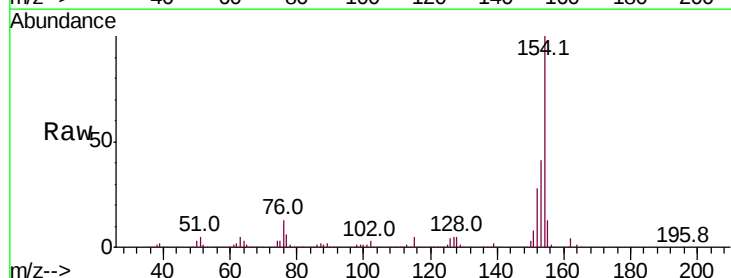
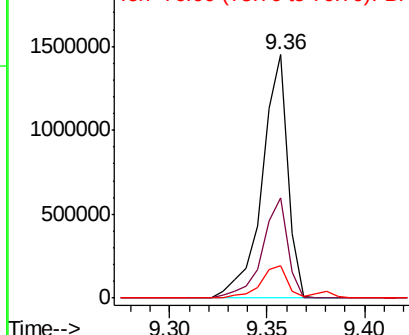
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.9	61.9
76	13.1	0.0	34.3

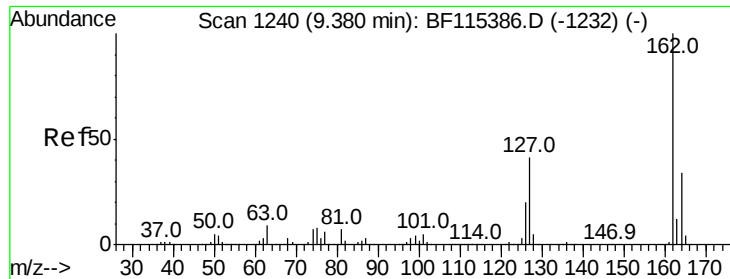
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





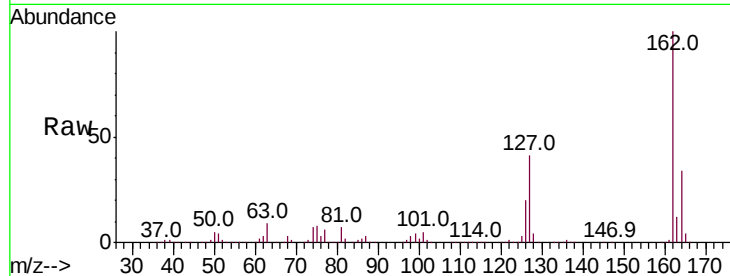
#47
 2-Chloronaphthalene
 Concen: 44.988 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF115412.D
 Acq: 8 Jul 2019 18:22

Instrument :
 BNA_F
 ClientSampled :
 PB121186BS

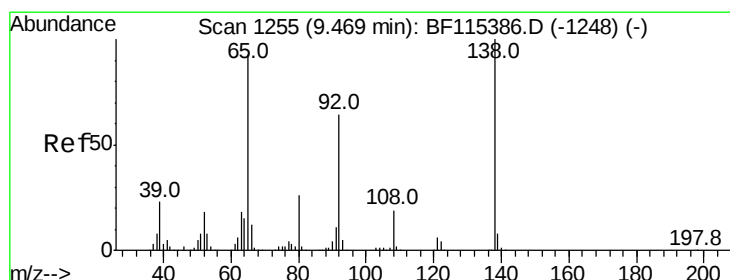
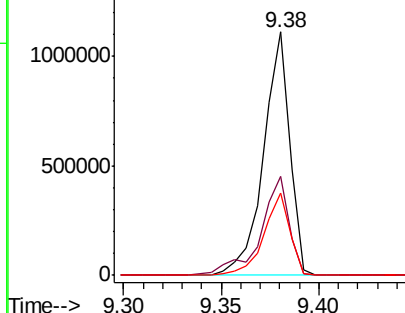
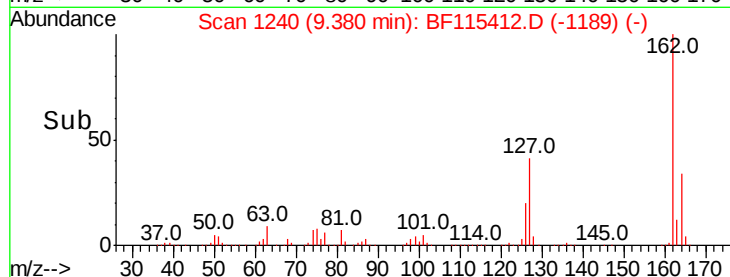
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.8	49.2
164	34.0	27.0	40.6

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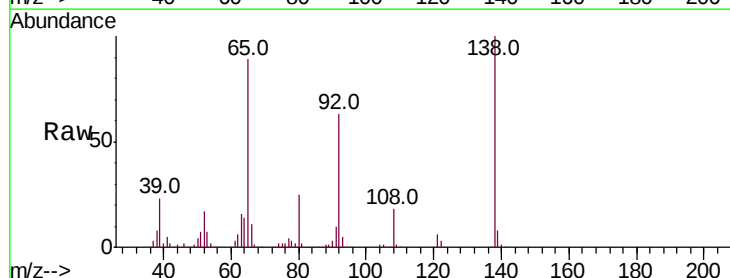


Abundance Ion 162.00 (161.70 to 162.70): E
 1500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

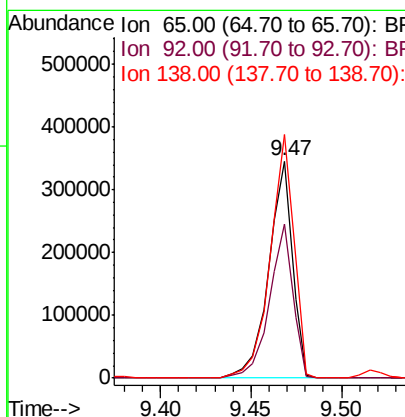
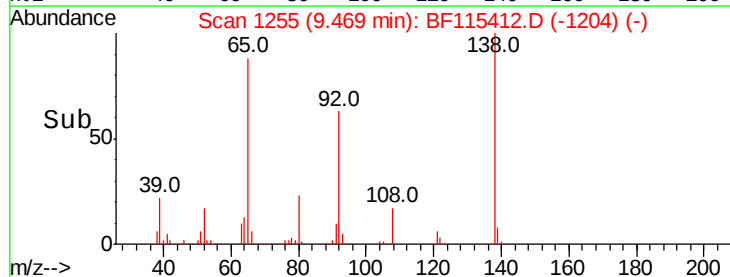


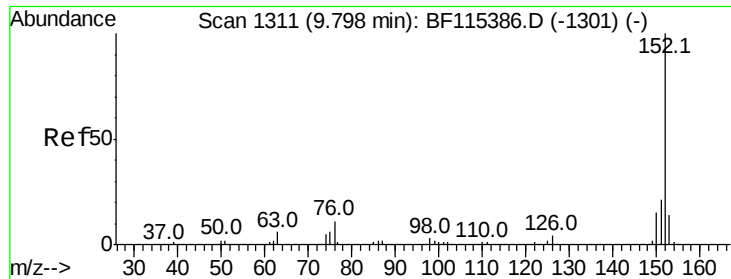
#48
 2-Nitroaniline
 Concen: 46.467 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF115412.D
 Acq: 8 Jul 2019 18:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	55.4	83.0
138	112.2	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: 45.107 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF115412.D

Acq: 8 Jul 2019 18:22

Instrument :

BNA_F

ClientSampleId :

PB121186BS

Tot Ion:152 Resp: 1575670

Ion Ratio Lower Upper

152 100

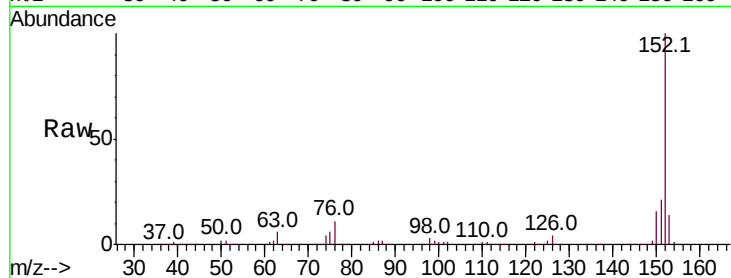
151 21.3 17.0 25.4

153 14.3 11.4 17.2

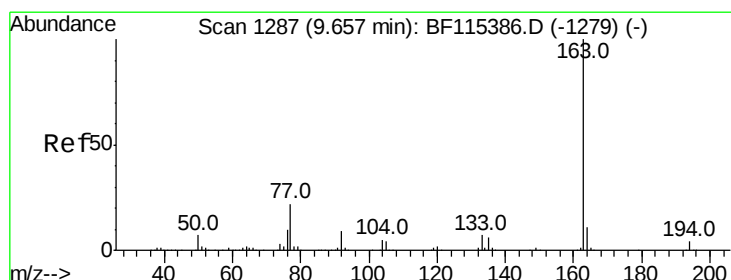
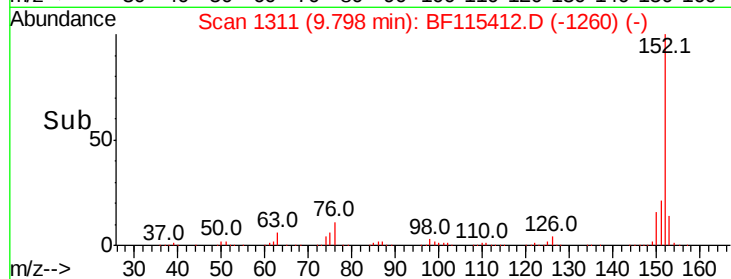
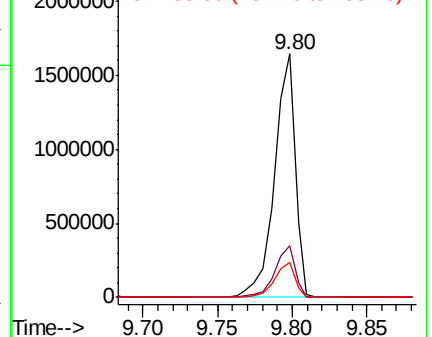
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.972 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF115412.D

Acq: 8 Jul 2019 18:22

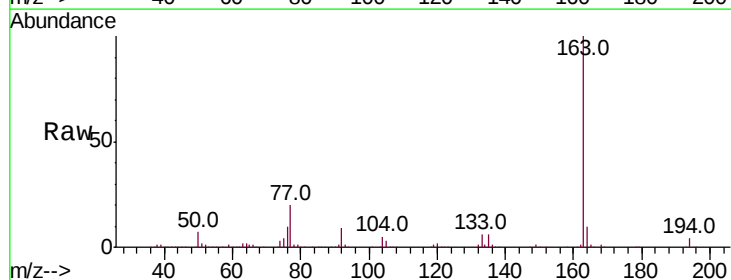
Tgt Ion:163 Resp: 1171964

Ion Ratio Lower Upper

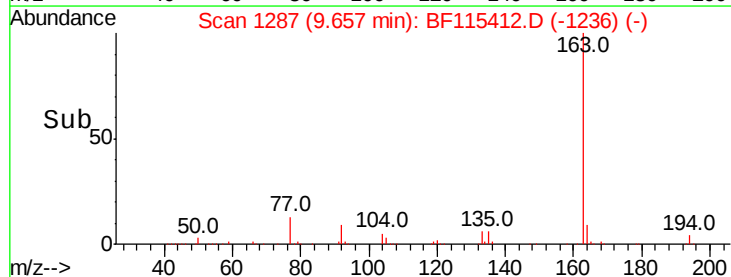
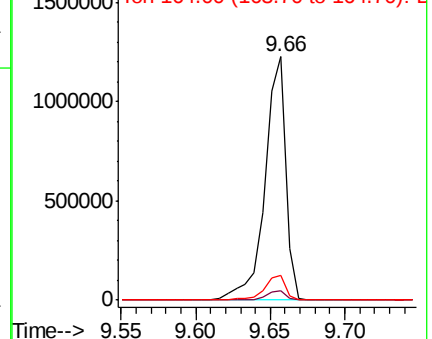
163 100

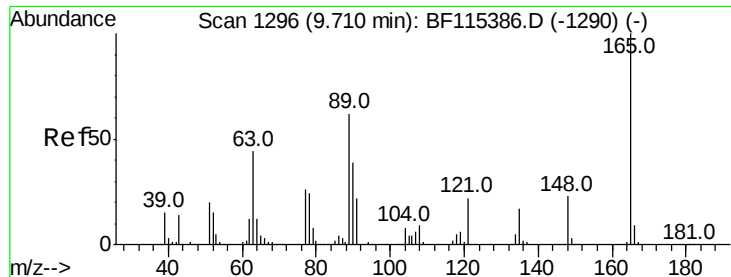
194 4.0 3.2 4.8

164 10.3 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





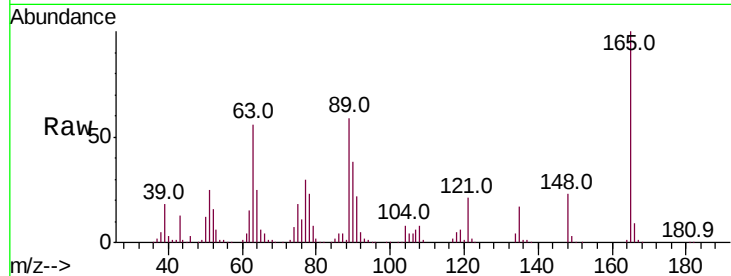
#51
2,6-Dinitrotoluene
Concen: 46.886 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	271018		
63	55.7	45.8	68.6	
89	58.6	49.9	74.9	

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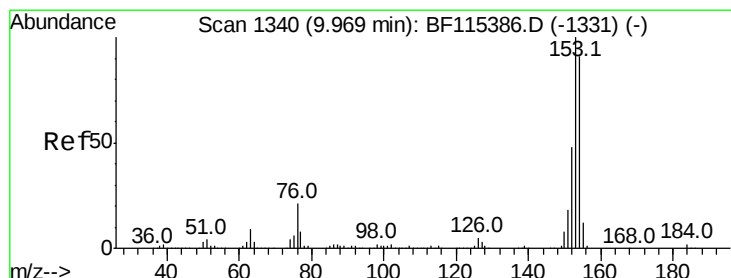
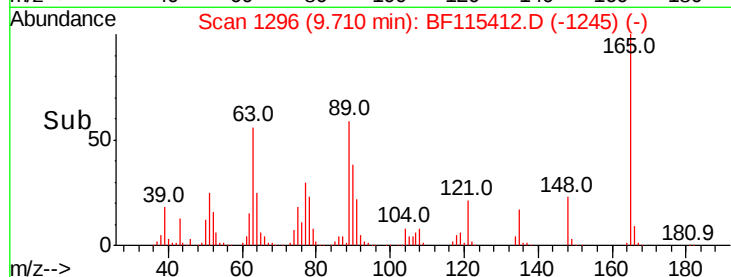
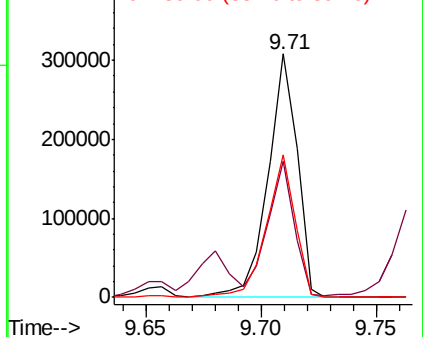


Abundance

Ion 165.00 (164.70 to 165.70): E

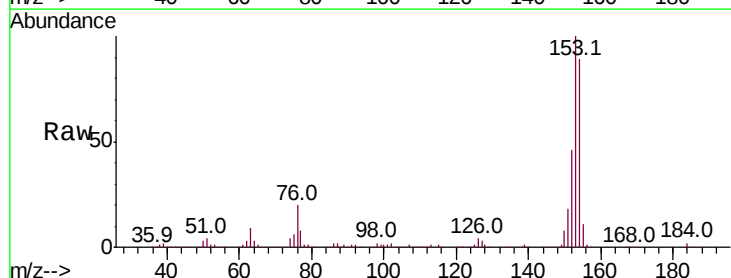
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 49.838 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1095670		
153	112.0	87.9	131.9	
152	51.9	42.2	63.2	

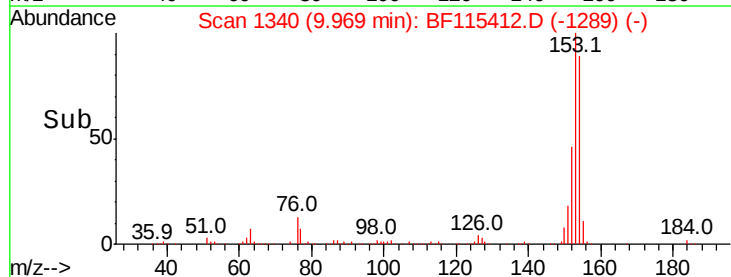
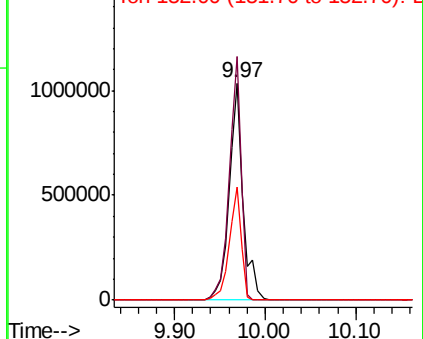


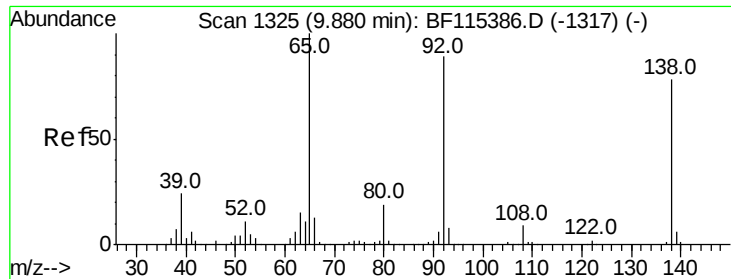
Abundance

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





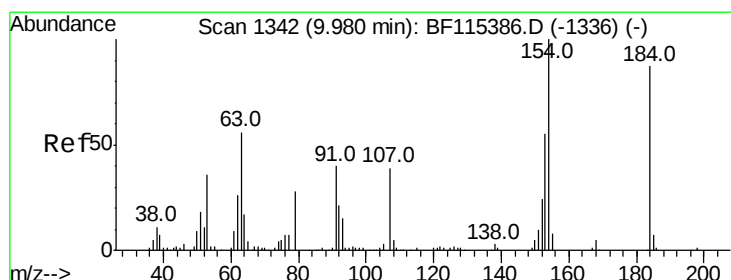
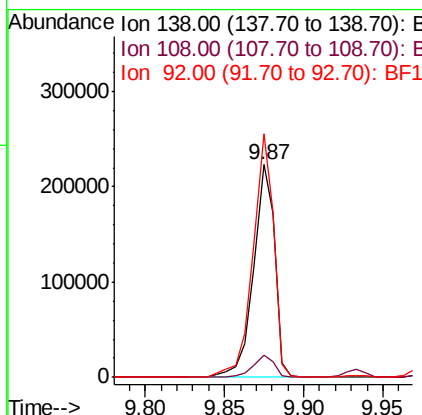
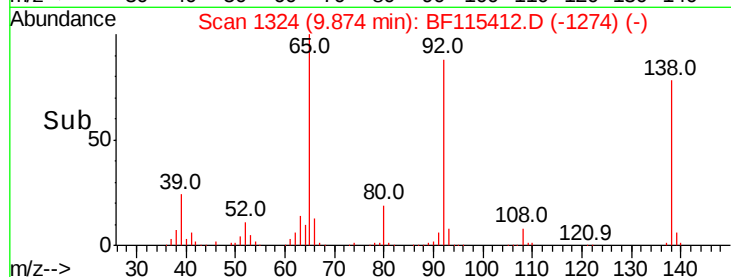
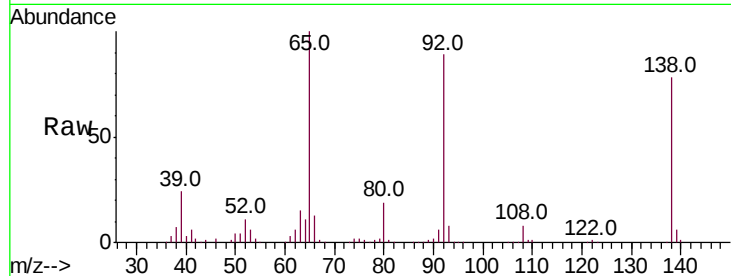
#53
3-Nitroaniline
Concen: 30.782 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.0	13.4
92	114.4	90.5	135.7

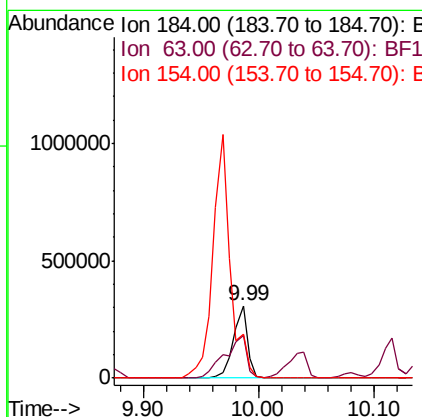
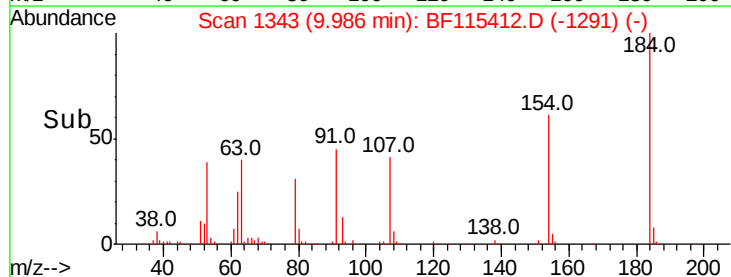
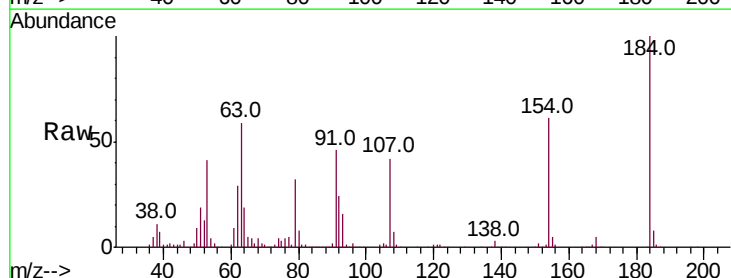
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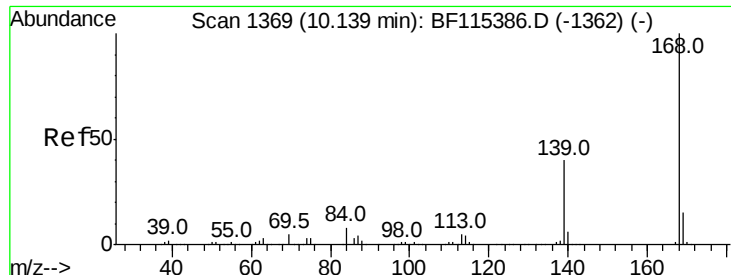
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#54
2,4-Dinitrophenol
Concen: 101.962 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.2	52.1	78.1
154	61.4	97.7	146.5#





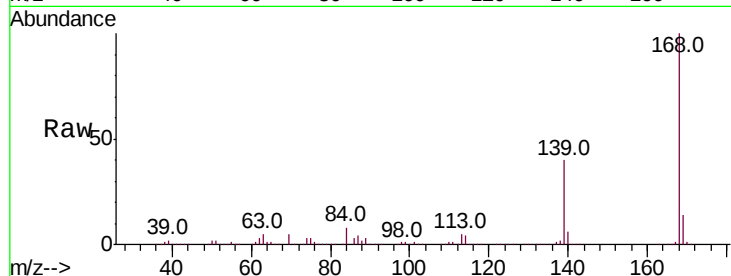
#55
Dibenzenofuran
Concen: 45.669 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

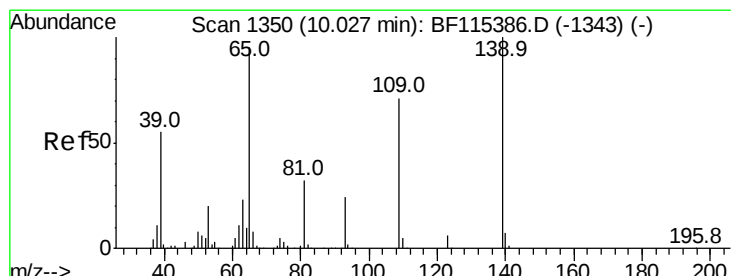
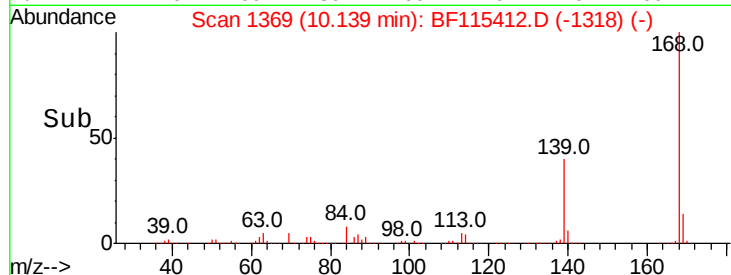
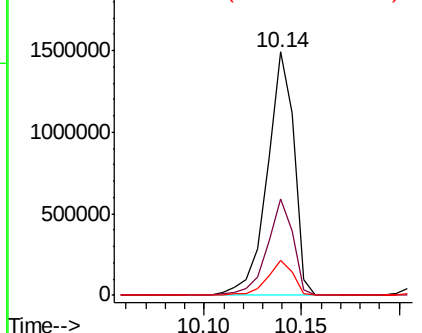
Tot Ion:168 Resp: 1414311
Ion Ratio Lower Upper
168 100
139 39.8 32.2 48.2
169 14.2 11.7 17.5

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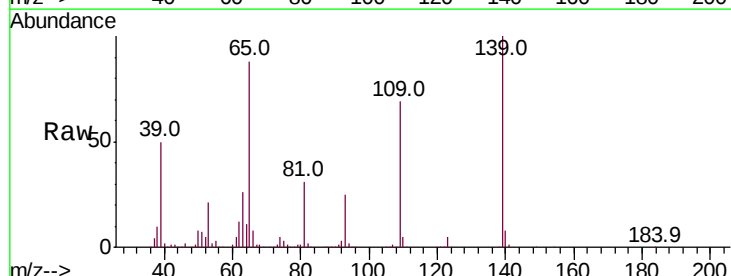


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

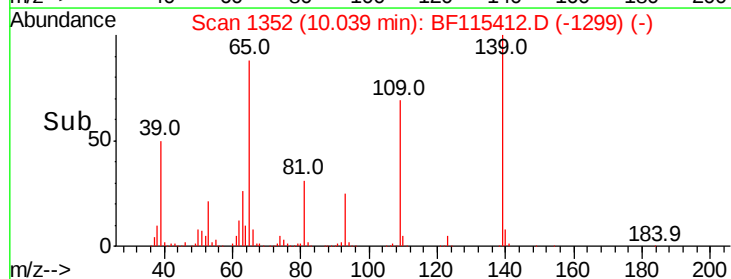
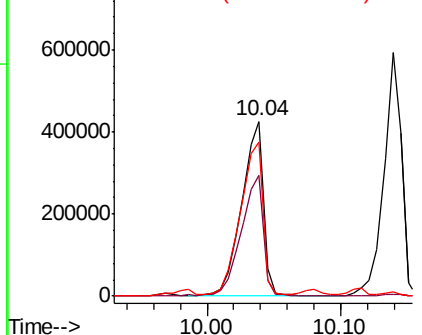


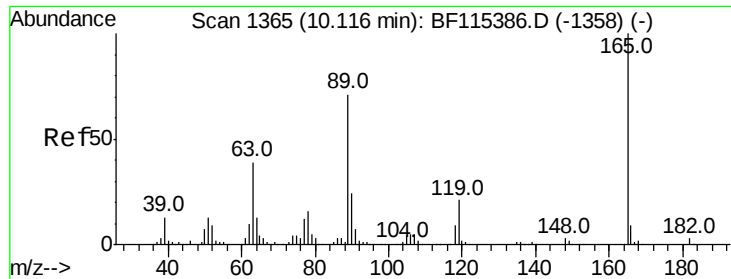
#56
4-Nitrophenol
Concen: 91.689 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Tgt Ion:139 Resp: 476245
Ion Ratio Lower Upper
139 100
109 69.0 51.1 91.1
65 88.1 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





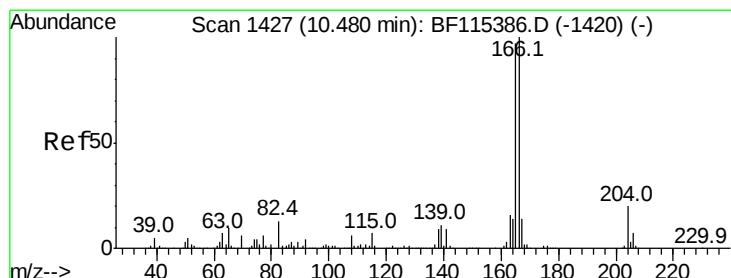
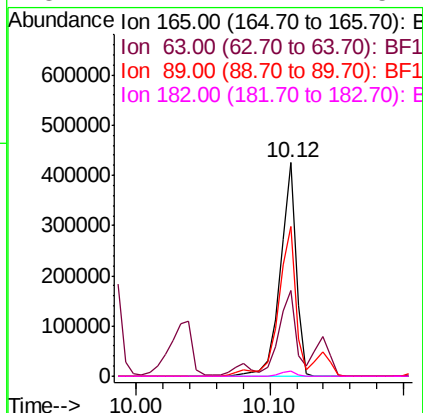
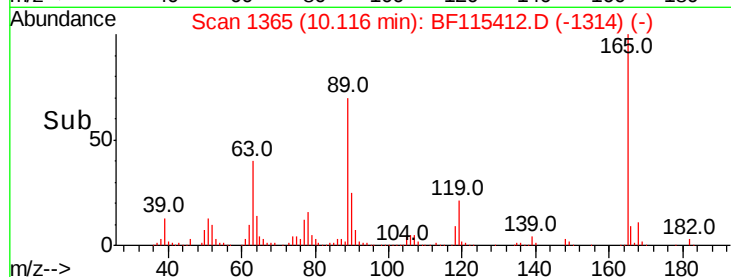
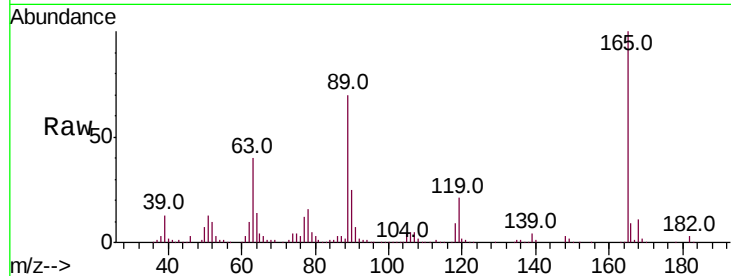
#57
2,4-Dinitrotoluene
Concen: 48.709 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	357818		
63	39.9	31.4	47.0	
89	70.3	57.1	85.7	
182	2.7	2.2	3.2	

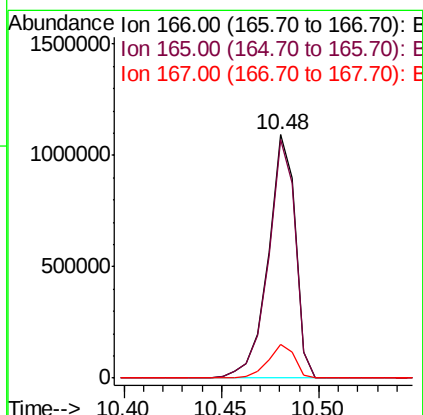
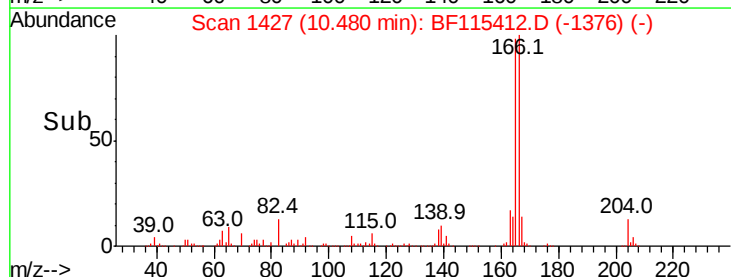
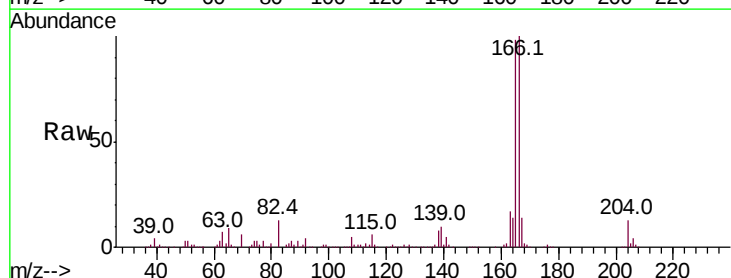
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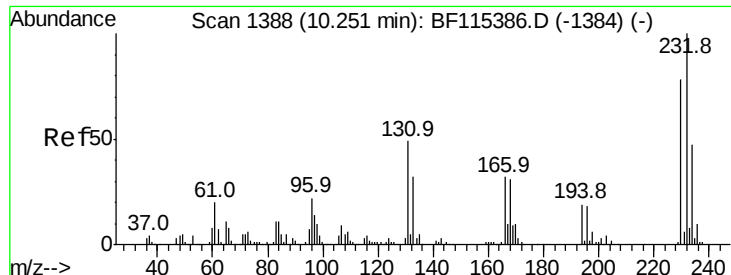
mohammad
7/10/2019 9:04:28 AM



#58
Fluorene
Concen: 43.120 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1052673		
165	97.8	77.8	116.6	
167	14.0	11.0	16.6	





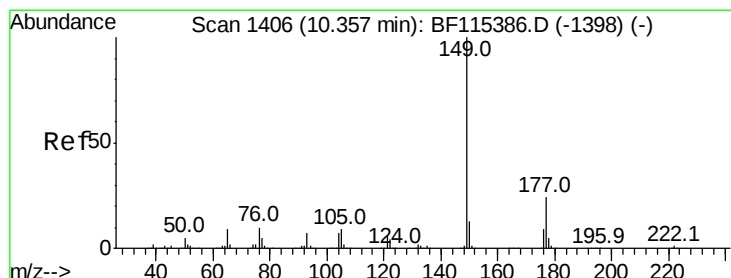
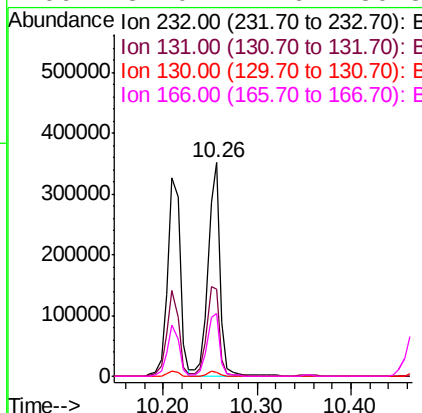
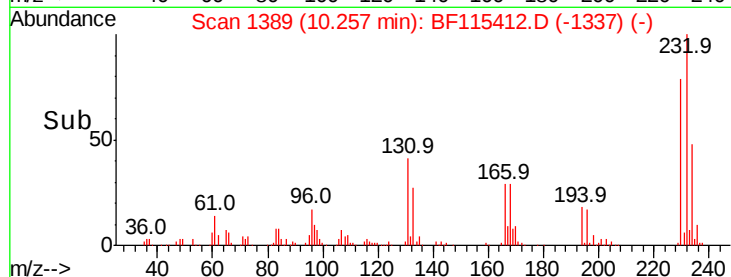
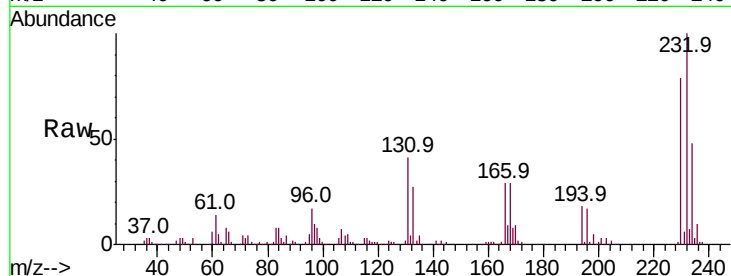
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.059 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: BF115412.D
 Acq: 8 Jul 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 PB121186BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.6	36.6	55.0
130	2.2	1.8	2.8
166	31.0	24.6	36.8

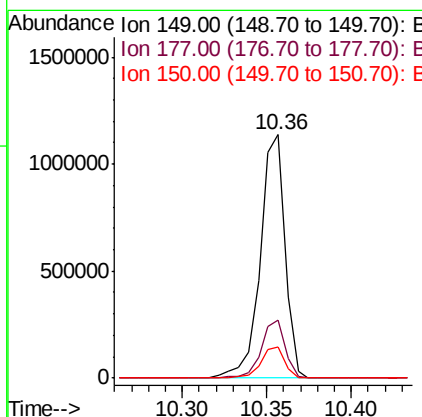
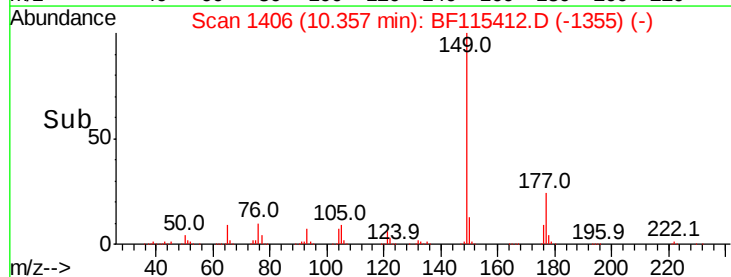
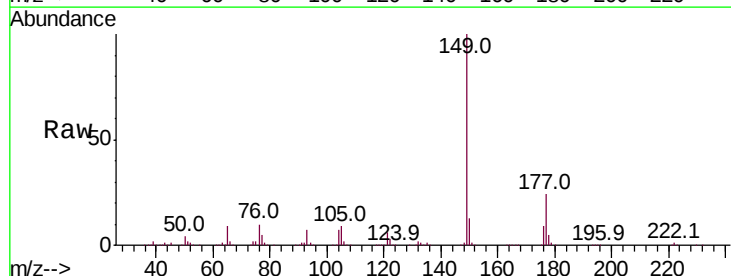
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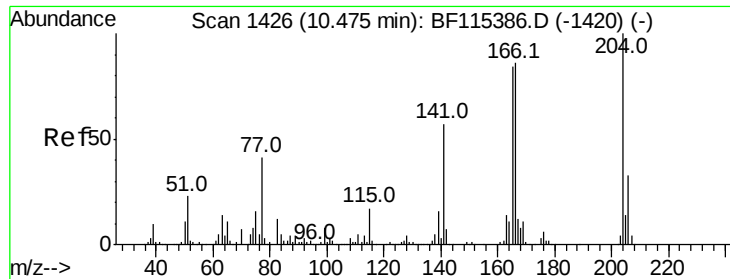
mohammad
 7/10/2019 9:04:28 AM



#60
 Diethylphthalate
 Concen: 44.052 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF115412.D
 Acq: 8 Jul 2019 18:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.8	28.2
150	12.7	10.2	15.2





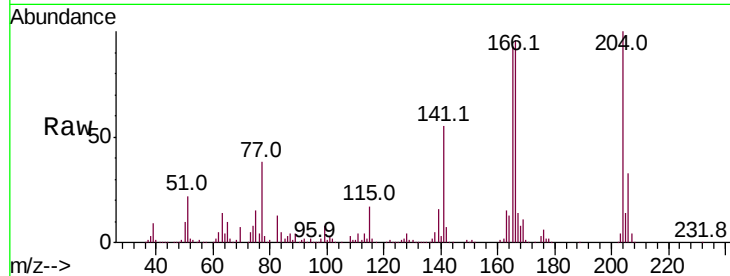
#61
4-Chlorophenyl-phenylether
Concen: 43.941 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

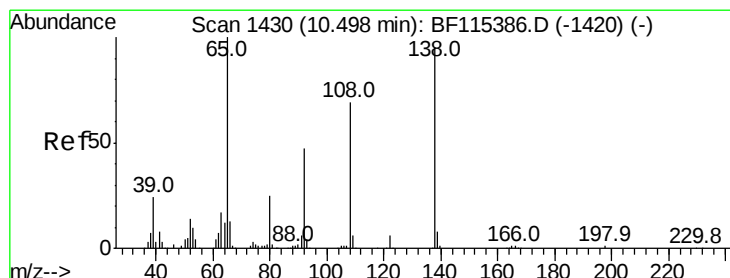
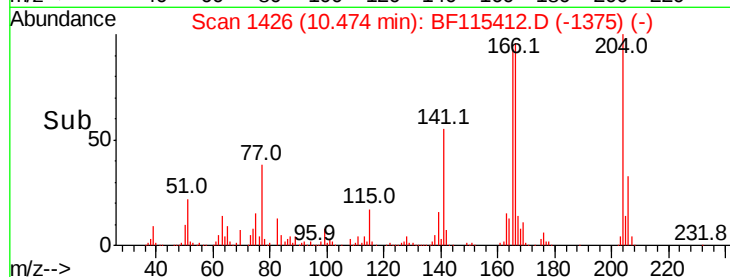
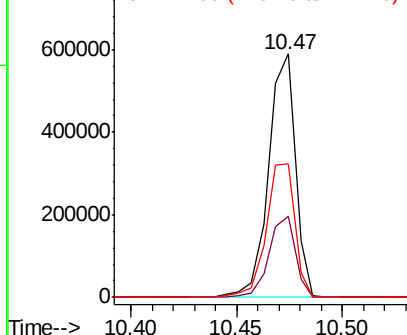
Tot Ion:	204	Resp:	523567
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.1	39.1
141	55.0	45.8	68.6

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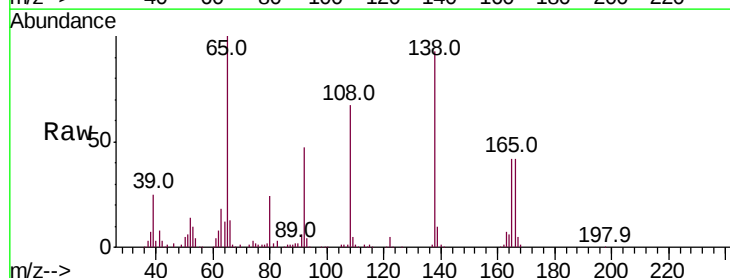


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

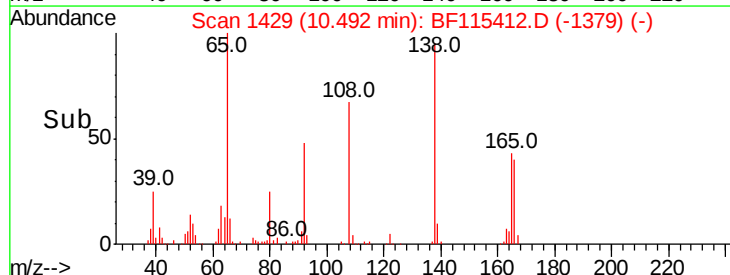
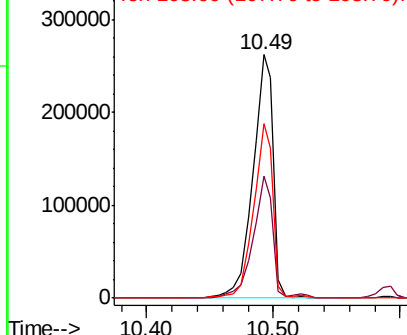


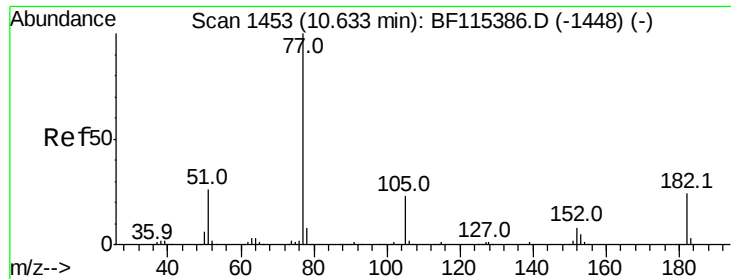
#62
4-Nitroaniline
Concen: 44.556 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Tgt Ion:	138	Resp:	293618
Ion Ratio	Lower	Upper	
138	100		
92	50.2	29.3	69.3
108	71.7	53.2	93.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





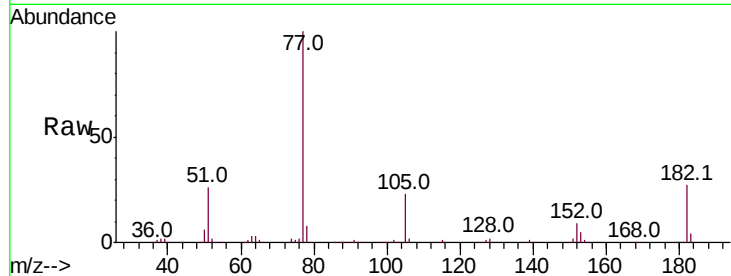
#63
Azobenzene
Concen: 43.041 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

Tot Ion	77	182	105	51
Ratio	100	26.6	23.3	25.9
Lower		4.1	2.6	6.4
Upper		44.1	42.6	46.4

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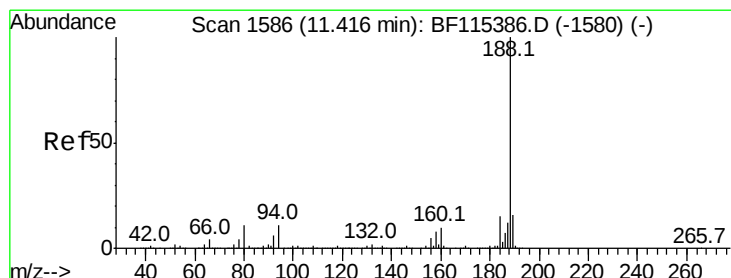
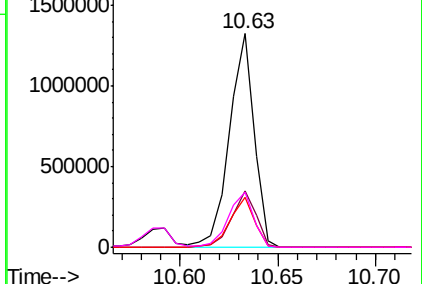
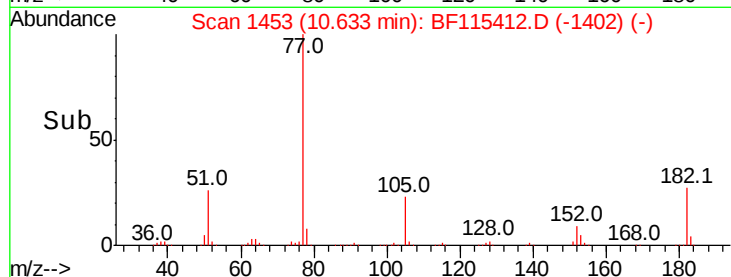
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

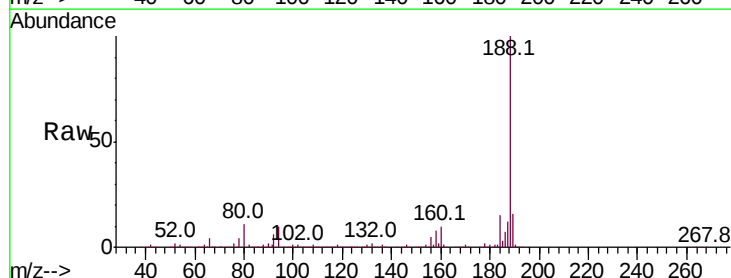
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Tgt Ion	188	94	80
Ratio	100	10.5	11.0
Lower		8.5	9.1
Upper		12.7	13.7

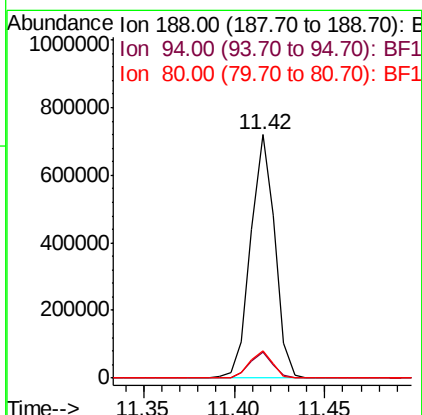
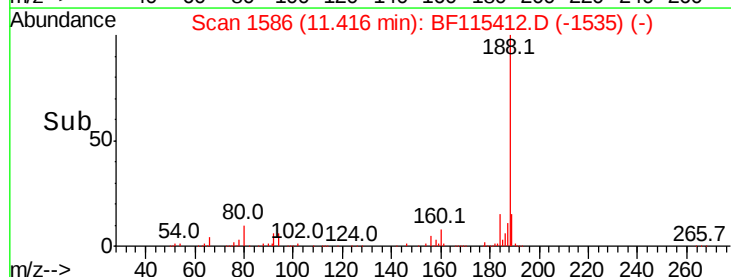


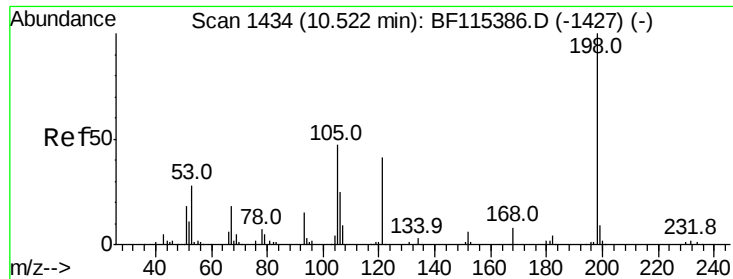
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 53.401 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BF115412.D

Acq: 8 Jul 2019 18:22

Instrument :

BNA_F

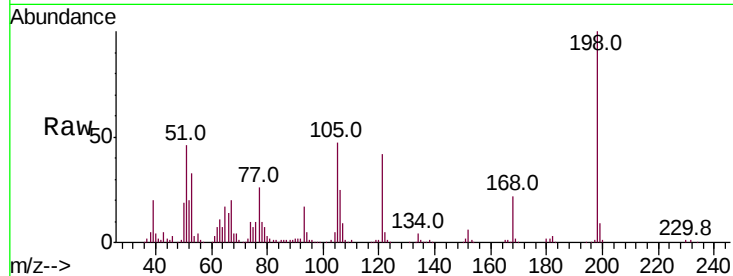
ClientSampleId :

PB121186BS

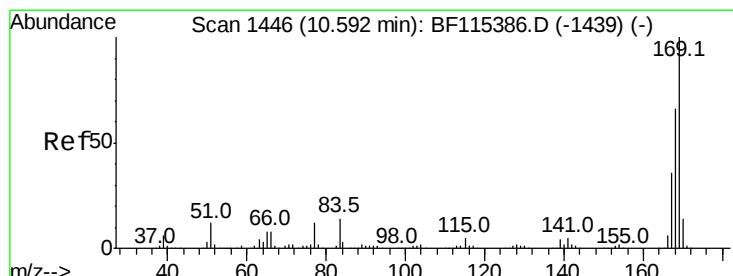
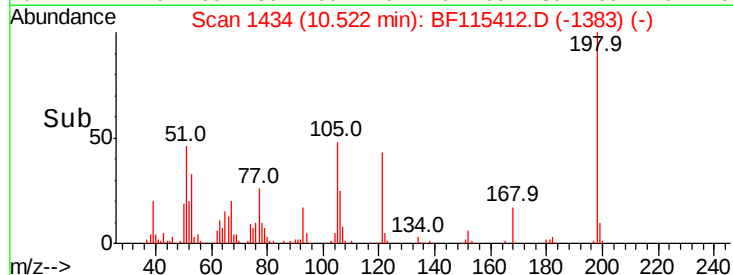
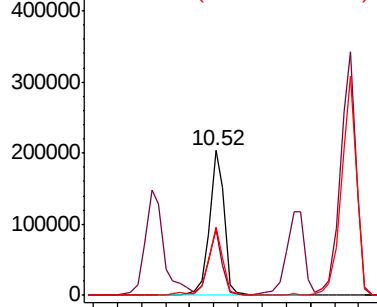
Tot Ion:	198	Resp:	173795
Ion Ratio	Lower	Upper	
198	100		
51	45.6	25.4	65.4
105	47.2	27.9	67.9

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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: 46.387 ng

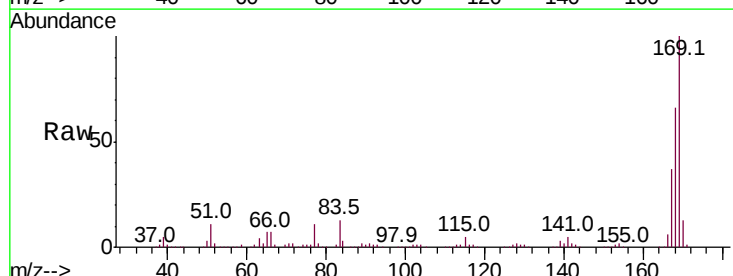
RT: 10.59 min Scan# 1446

Delta R.T. -0.00 min

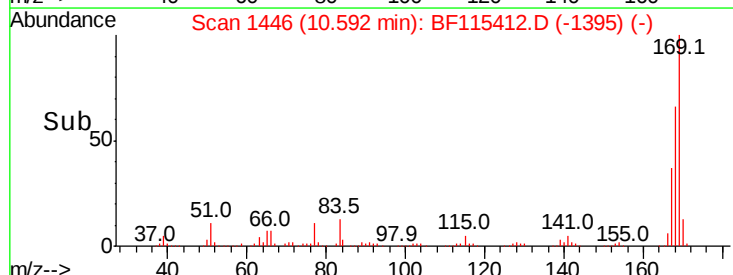
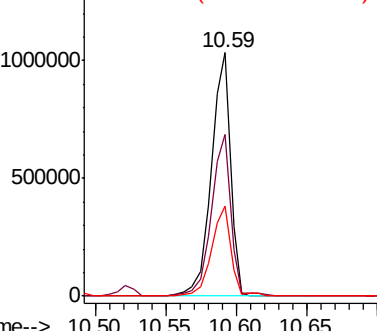
Lab File: BF115412.D

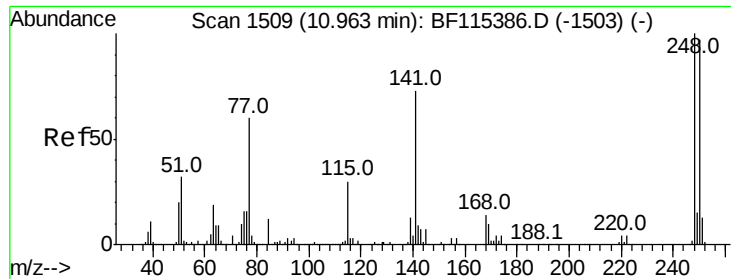
Acq: 8 Jul 2019 18:22

Tgt Ion:	169	Resp:	974294
Ion Ratio	Lower	Upper	
169	100		
168	66.3	52.6	79.0
167	36.9	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





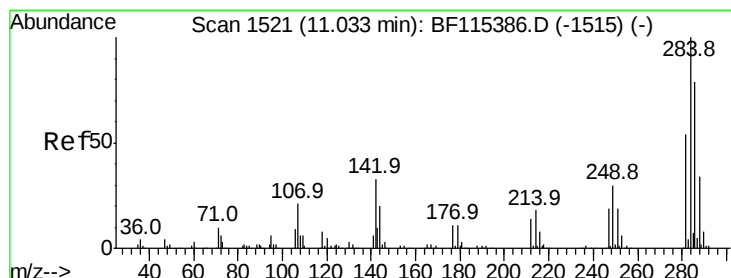
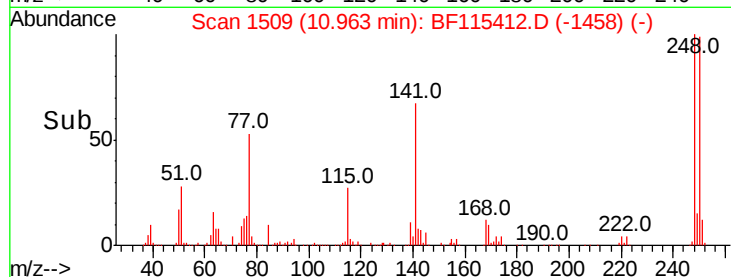
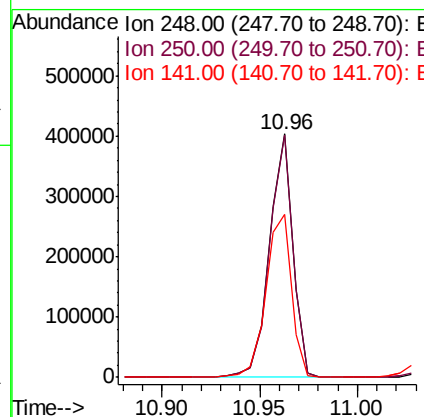
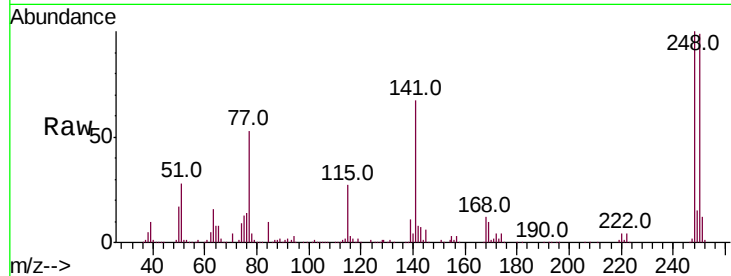
#67
4-Bromophenyl-phenylether
Concen: 44.814 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampled :
PB121186BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.3	115.9
141	67.0	58.5	87.7

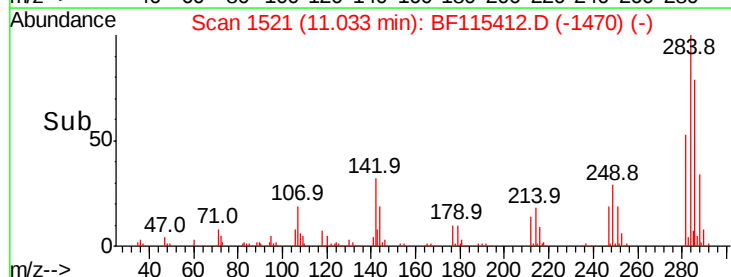
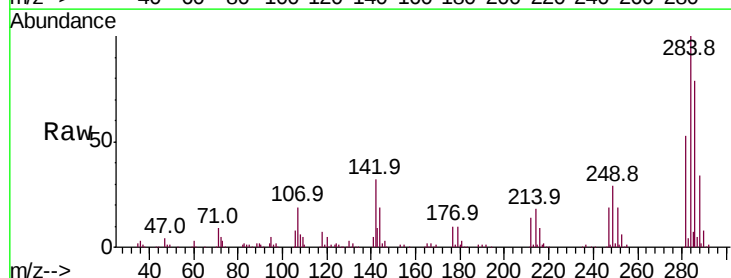
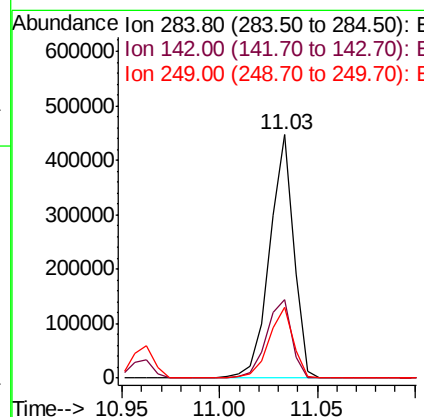
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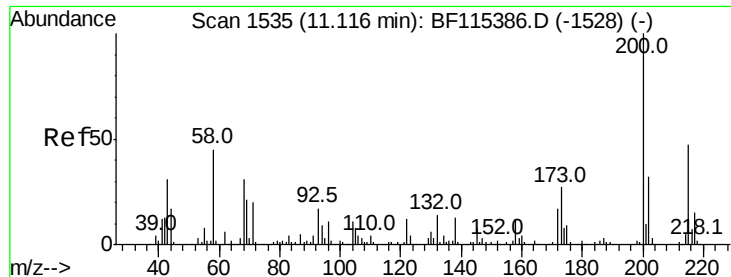
mohammad
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#68
Hexachlorobenzene
Concen: 45.378 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	26.5	39.7
249	29.3	24.2	36.2





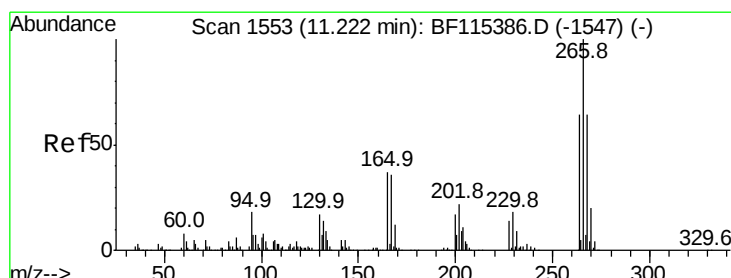
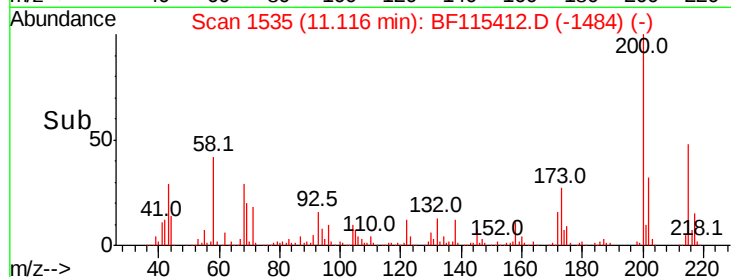
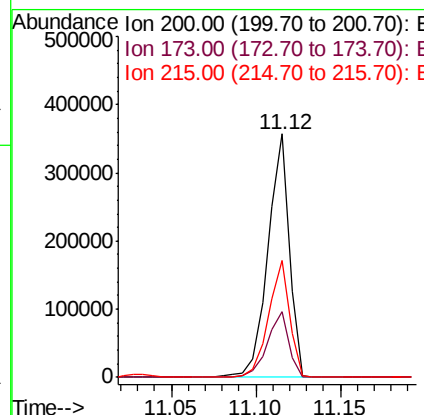
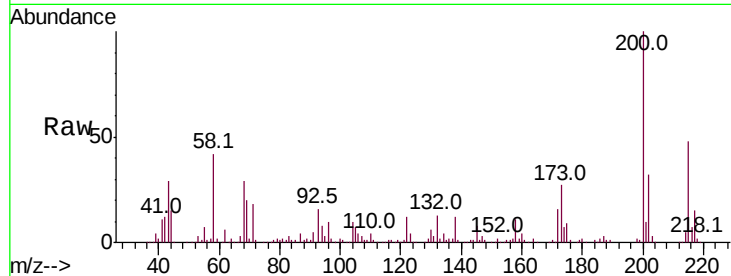
#69
Atrazine
Concen: 48.164 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.1	47.1
215	47.8	27.5	67.5

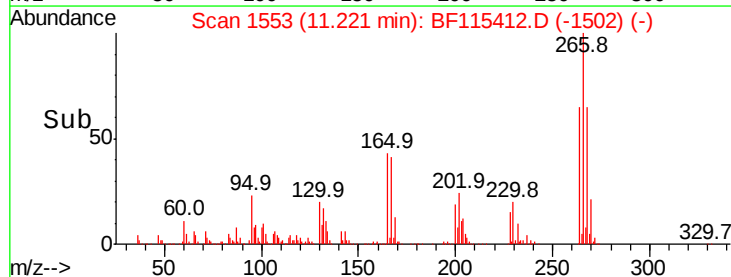
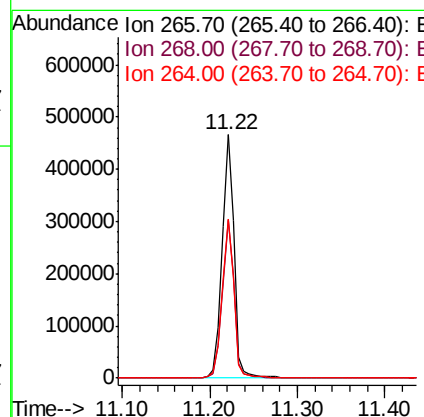
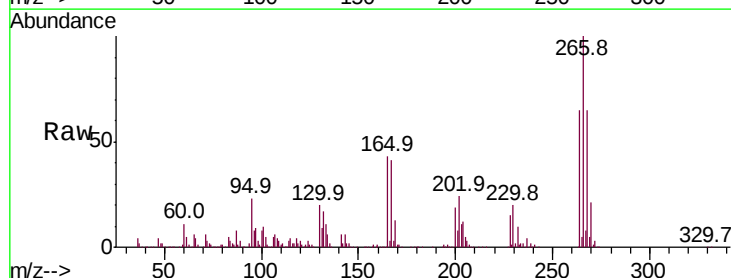
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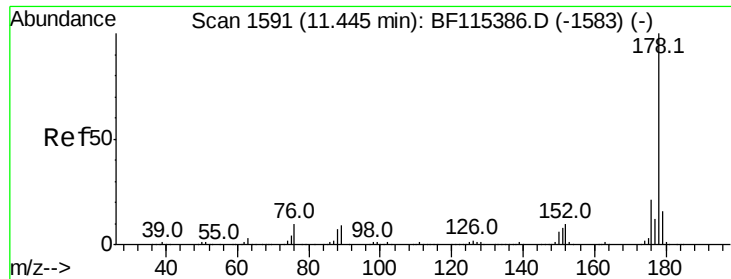
mohammad
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#70
Pentachlorophenol
Concen: 87.577 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.3	76.9
264	65.2	51.6	77.4





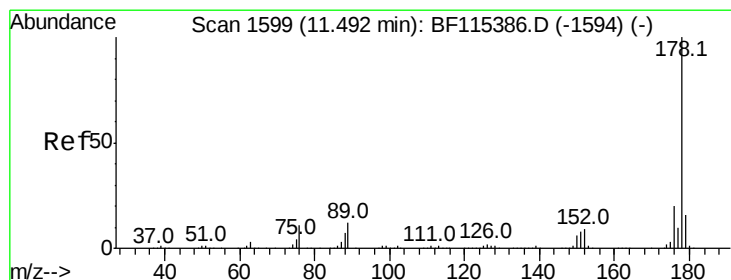
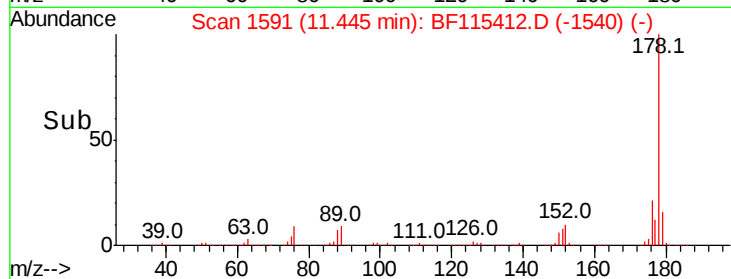
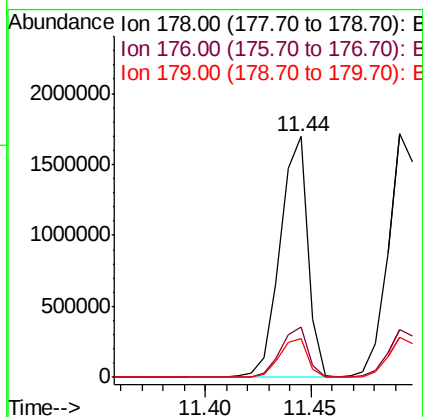
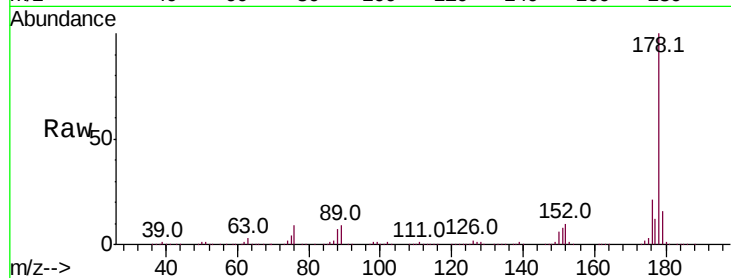
#71
Phenanthrene
Concen: 44.610 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

Tot Ion:178 Resp: 1563974
Ion Ratio Lower Upper
178 100
176 20.7 16.6 25.0
179 16.3 13.0 19.6

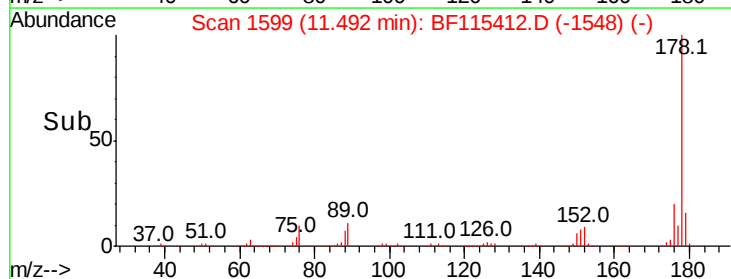
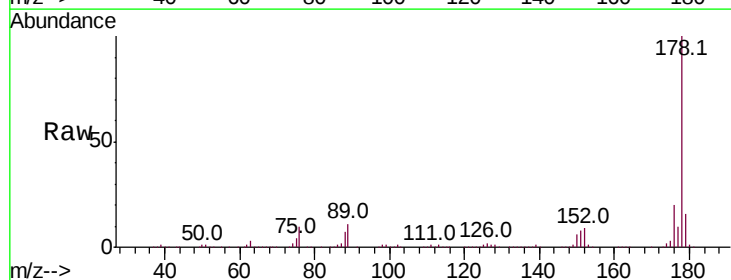
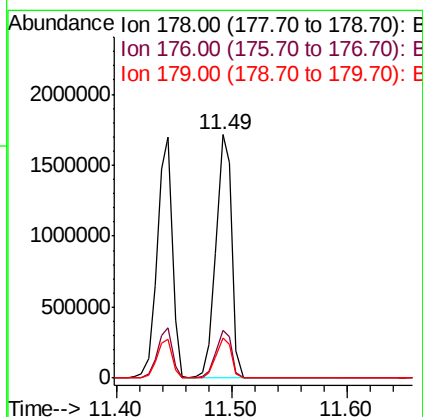
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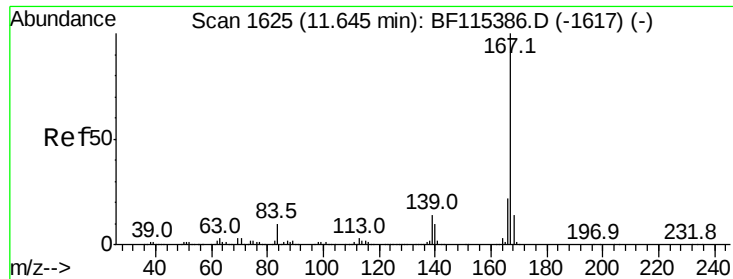
mohammad
7/10/2019 9:04:28 AM



#72
Anthracene
Concen: 46.368 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Tgt Ion:178 Resp: 1630109
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 16.4 13.1 19.7





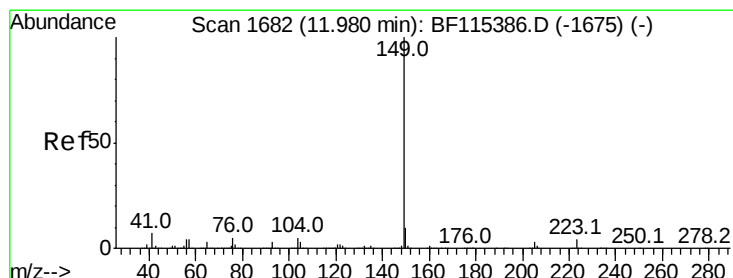
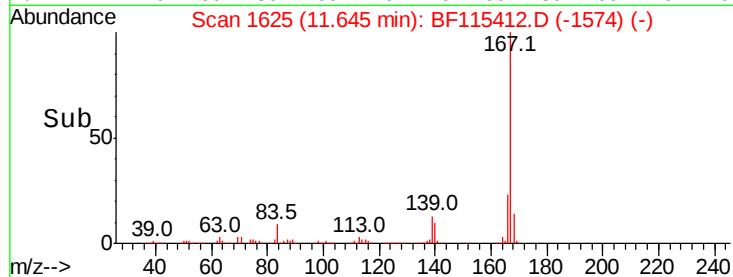
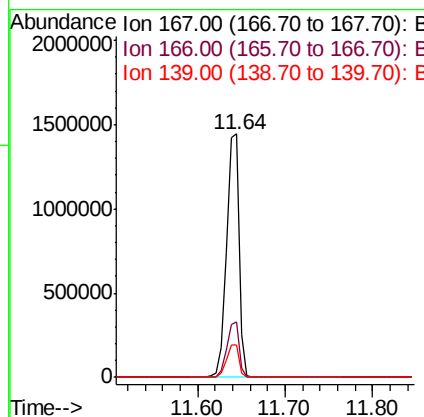
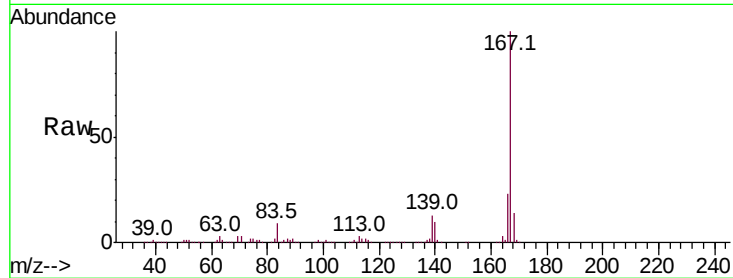
#73
 Carbazole
 Concen: 44.980 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF115412.D
 Acq: 8 Jul 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 PB121186BS

Tot Ion:167 Resp: 1446642
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.9 26.9
 139 13.4 11.0 16.6

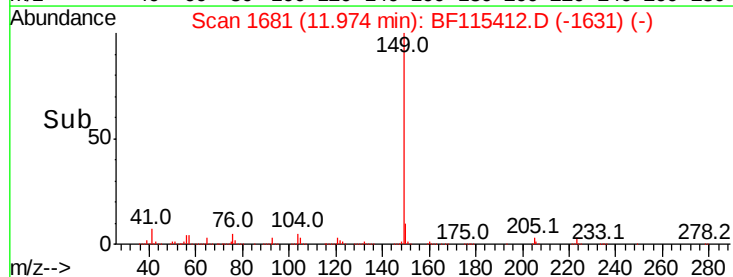
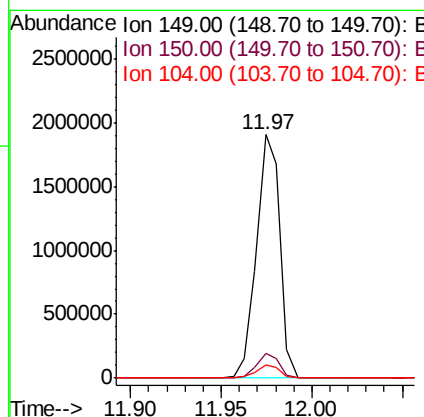
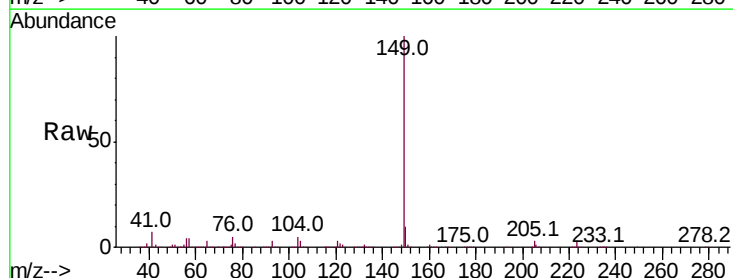
Manual Integrations
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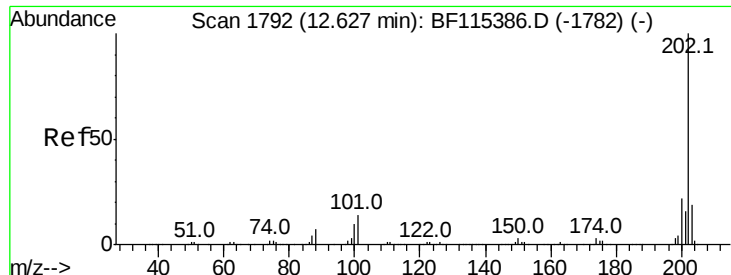
mohammad
 7/10/2019 9:04:28 AM



#74
 Di-n-butylphthalate
 Concen: 43.955 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF115412.D
 Acq: 8 Jul 2019 18:22

Tgt Ion:149 Resp: 1708509
 Ion Ratio Lower Upper
 149 100
 150 9.9 8.0 12.0
 104 5.5 4.4 6.6





#75

Fluoranthene

Concen: 44.143 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF115412.D

Acq: 8 Jul 2019 18:22

Instrument :

BNA_F

ClientSampleId :

PB121186BS

Tot Ion:202 Resp: 1629470

Ion Ratio Lower Upper

202 100

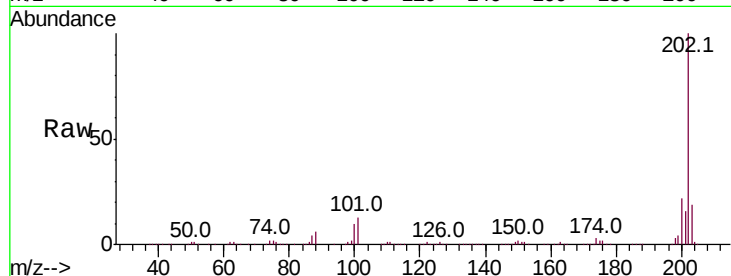
101 13.1 0.0 34.0

203 18.7 0.0 38.5

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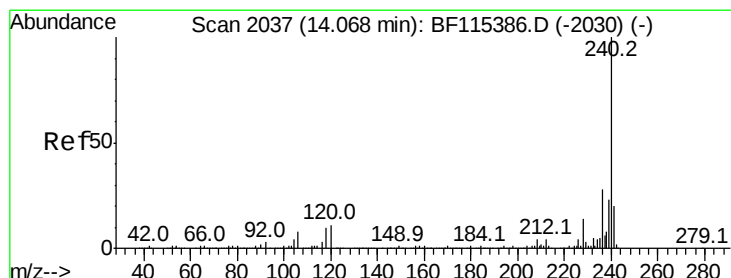
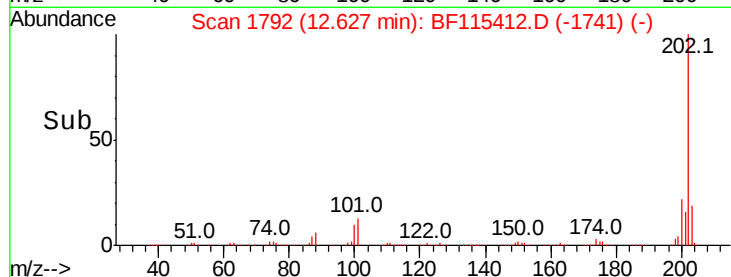
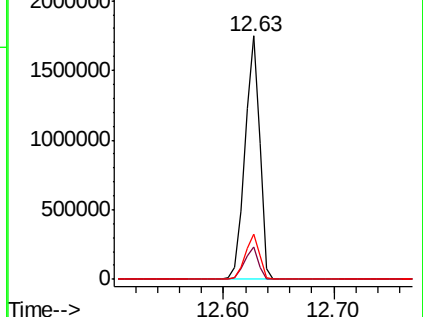
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF115412.D

Acq: 8 Jul 2019 18:22

Tgt Ion:240 Resp: 469674

Ion Ratio Lower Upper

240 100

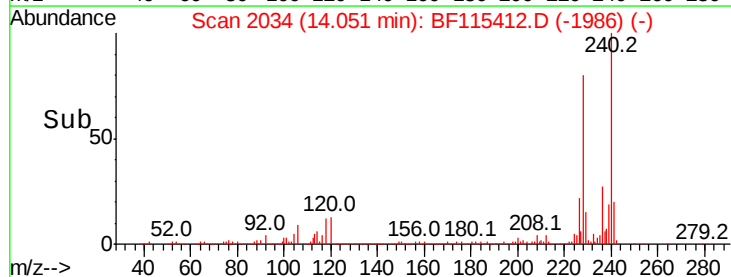
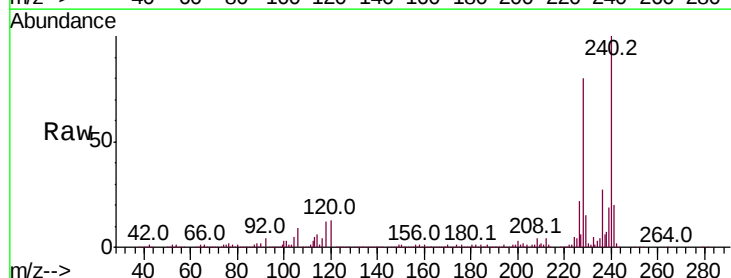
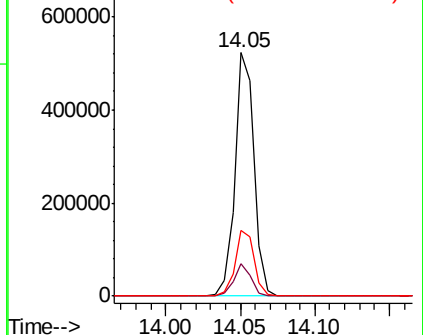
120 13.2 9.1 13.7

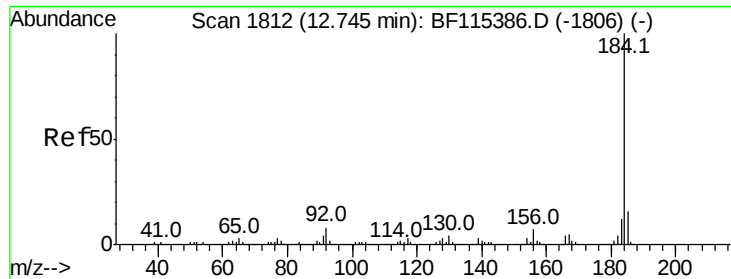
236 27.1 22.5 33.7

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.041 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF115412.D

Acq: 8 Jul 2019 18:22

Instrument :

BNA_F

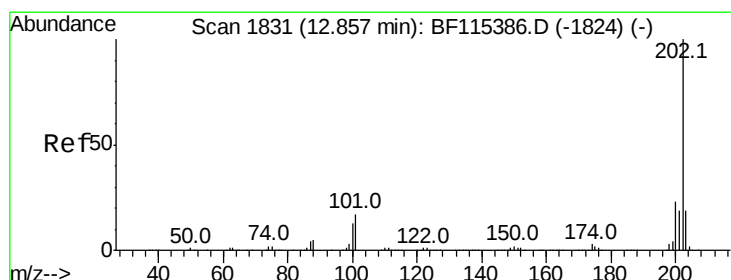
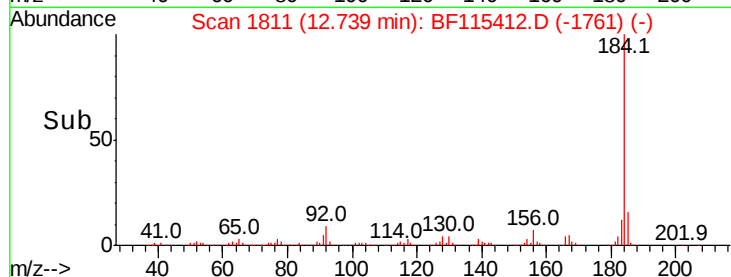
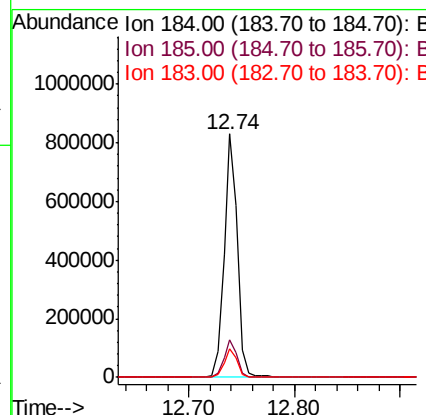
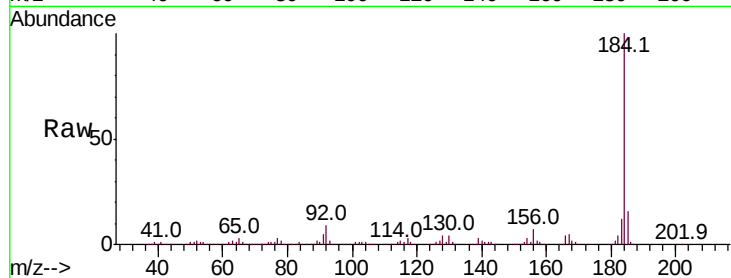
ClientSampled :

PB121186BS

Tot Ion:	184	Resp:	733369
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.6	18.8
183	11.5	9.4	14.0

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#78

Pyrene

Concen: 45.733 ng

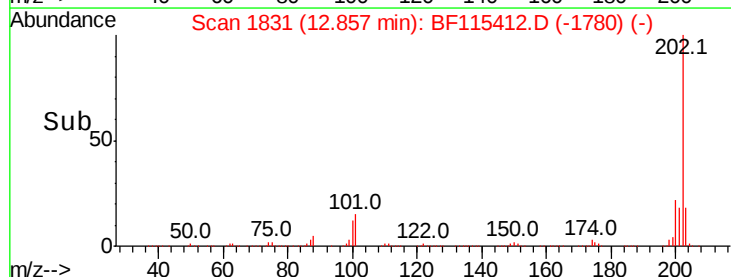
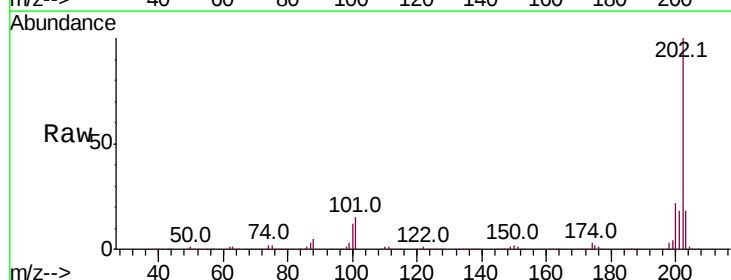
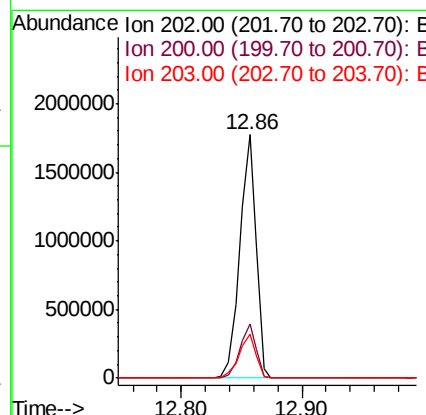
RT: 12.86 min Scan# 1831

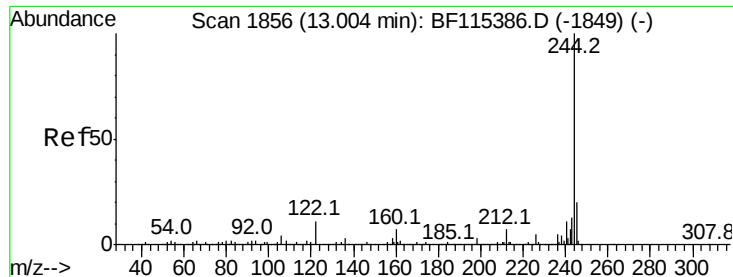
Delta R.T. -0.00 min

Lab File: BF115412.D

Acq: 8 Jul 2019 18:22

Tgt Ion:	202	Resp:	1670363
Ion Ratio	Lower	Upper	
202	100		
200	22.2	18.2	27.4
203	18.3	14.8	22.2





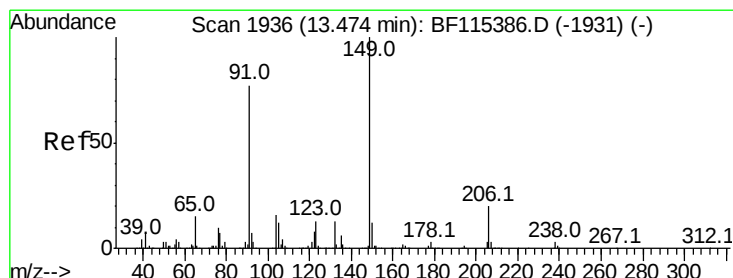
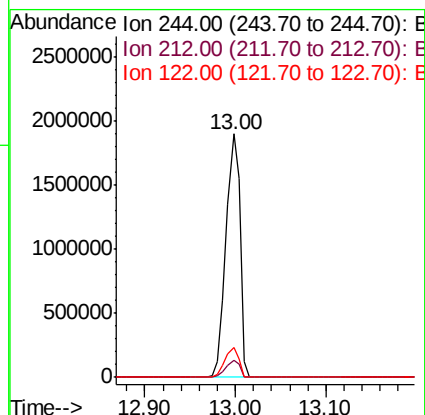
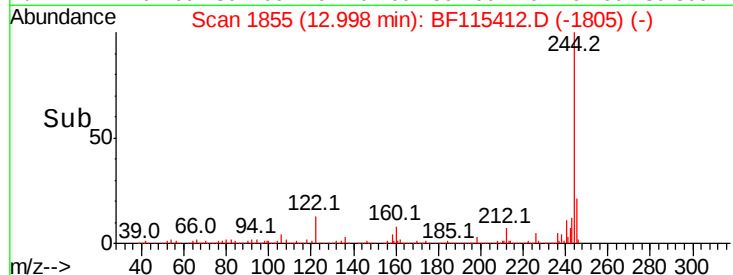
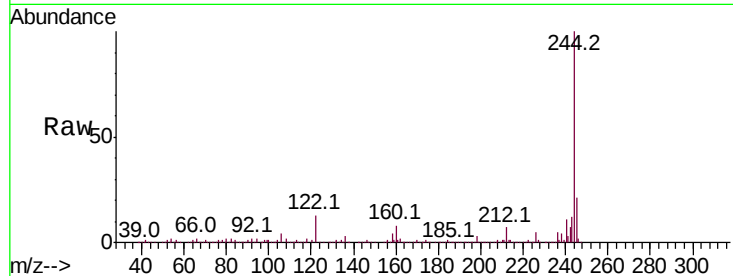
#79
 Terphenyl-d14
 Concen: 87.480 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF115412.D
 Acq: 8 Jul 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 PB121186BS

Tot Ion:	244	Resp:	2006690
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	12.5	9.1	13.7

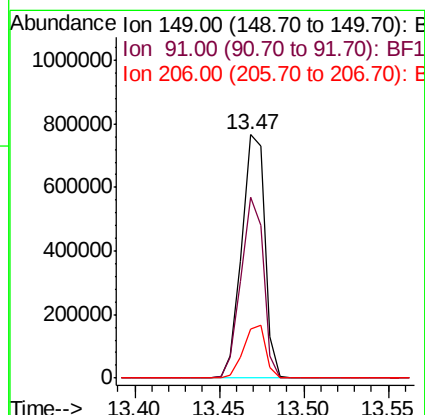
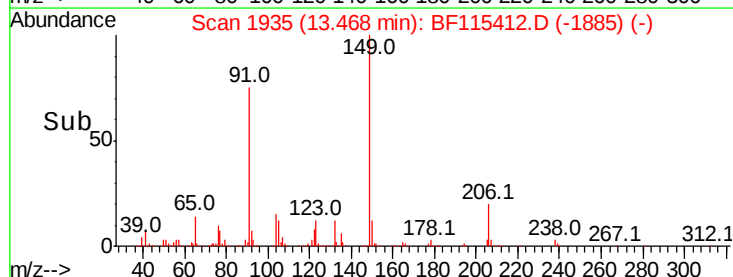
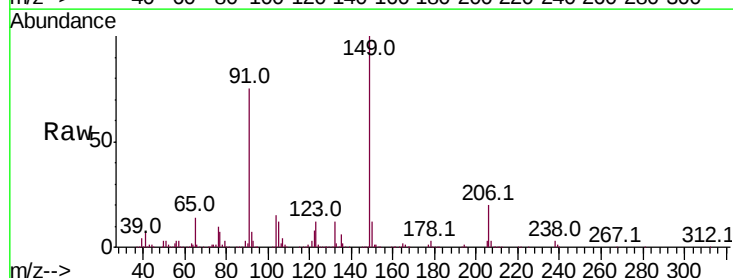
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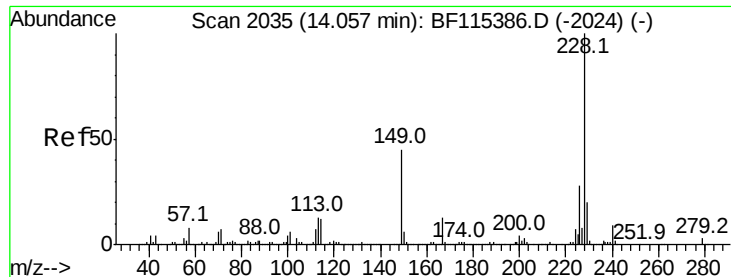
mohammad
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#80
 Butylbenzylphthalate
 Concen: 45.953 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BF115412.D
 Acq: 8 Jul 2019 18:22

Tgt Ion:	149	Resp:	733328
Ion	Ratio	Lower	Upper
149	100		
91	74.5	61.4	92.0
206	20.4	16.1	24.1





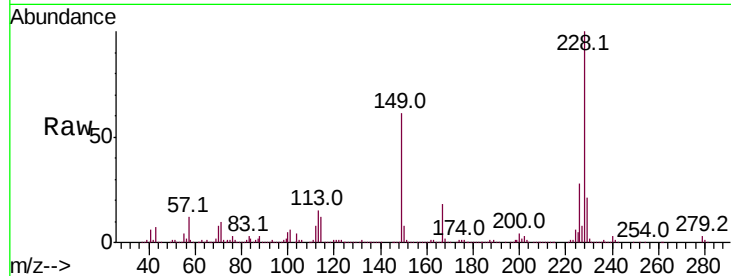
#81
Benzo(a)anthracene
Concen: 44.291 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.7	34.1
229	20.6	16.3	24.5

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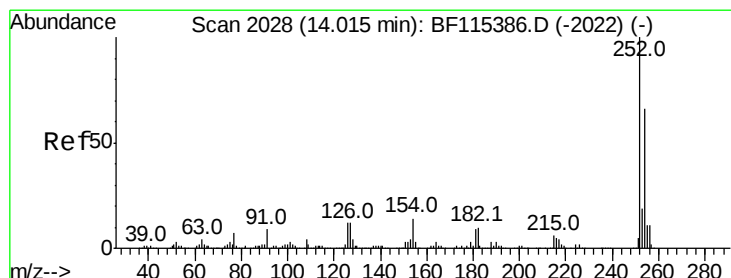
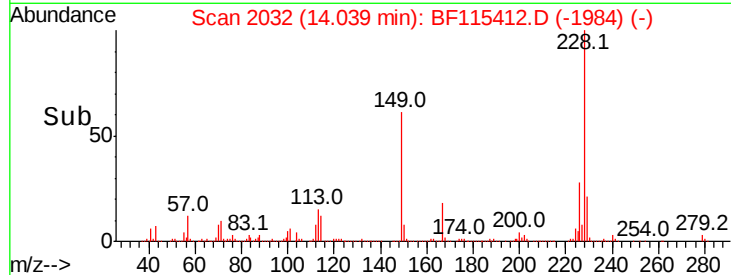
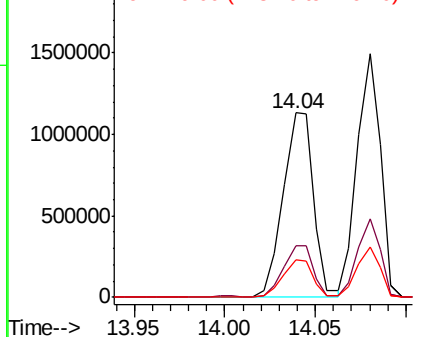


Abundance

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: 36.306 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

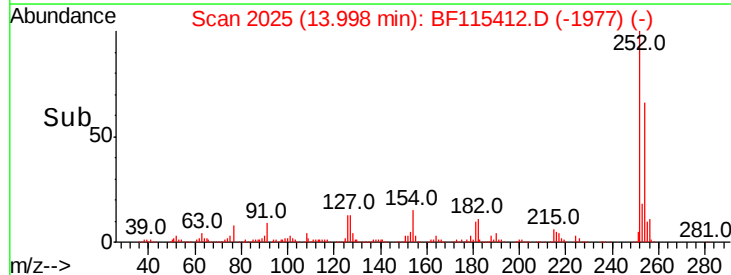
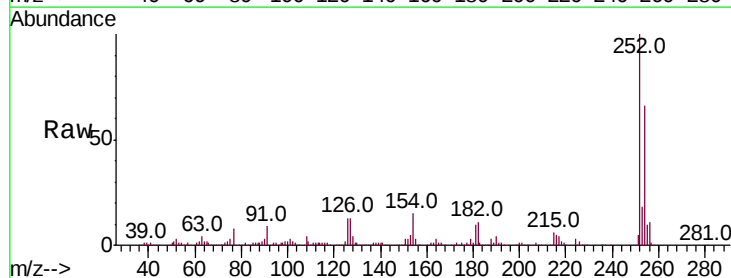
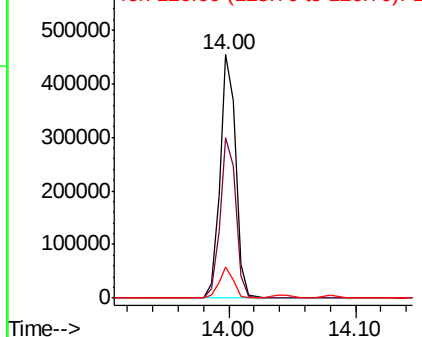
Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	53.0	79.4
126	13.0	9.8	14.8

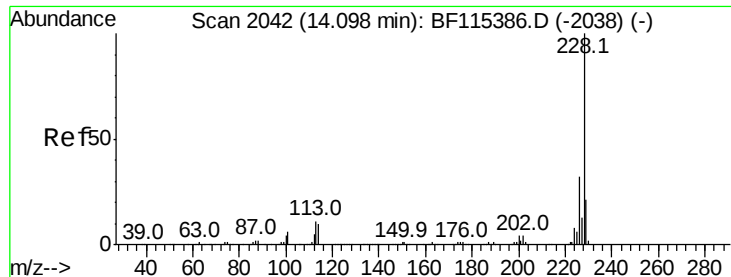
Abundance

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





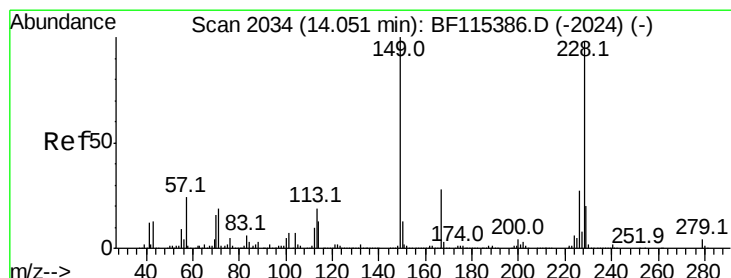
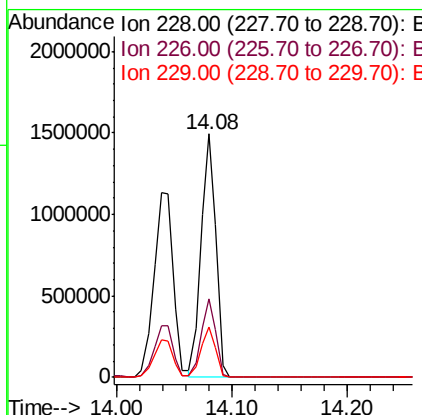
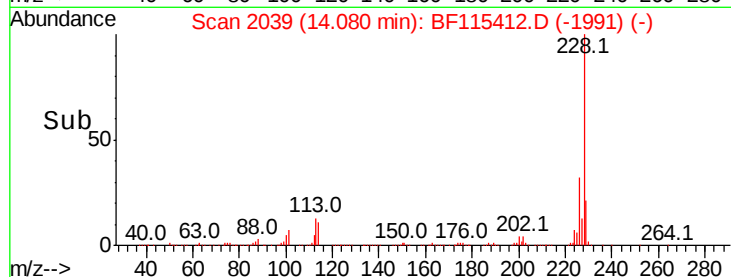
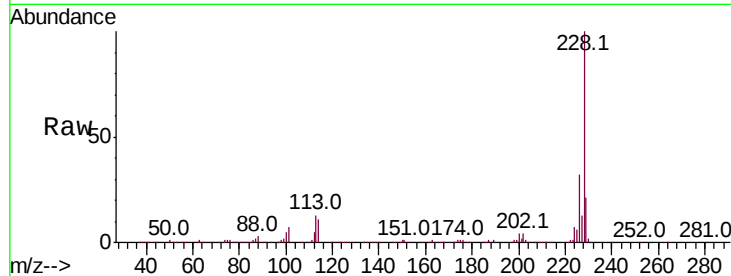
#83
 Chrvsene
 Concen: 43.673 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.02 min
 Lab File: BF115412.D
 Acq: 8 Jul 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 PB121186BS

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

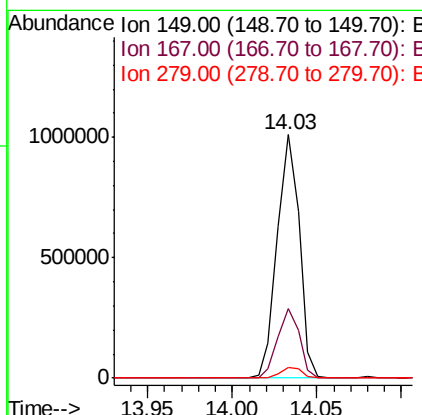
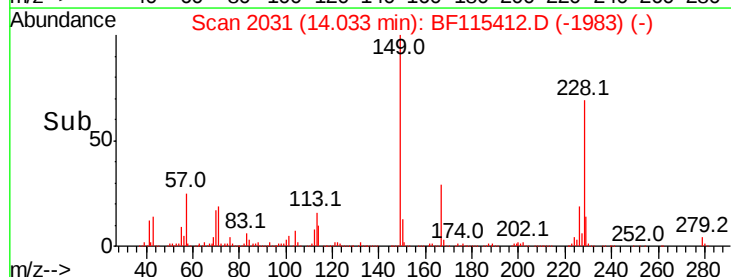
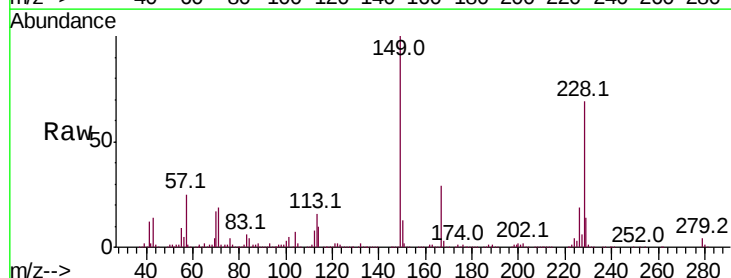
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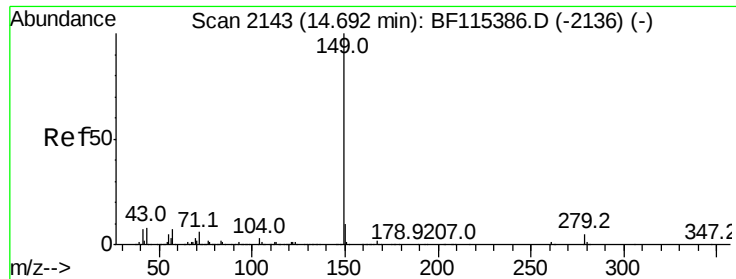
mohammad
 7/10/2019 9:04:28 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.741 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF115412.D
 Acq: 8 Jul 2019 18:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.3	33.5
279	4.2	3.4	5.2





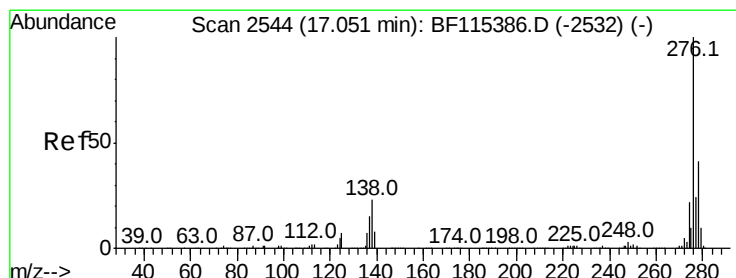
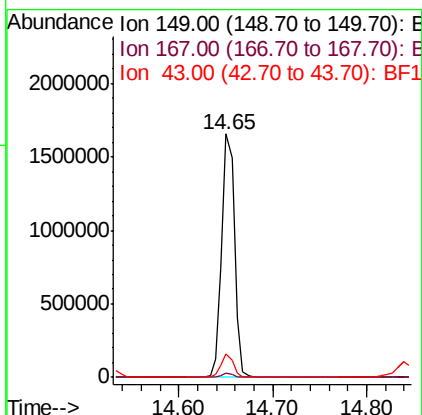
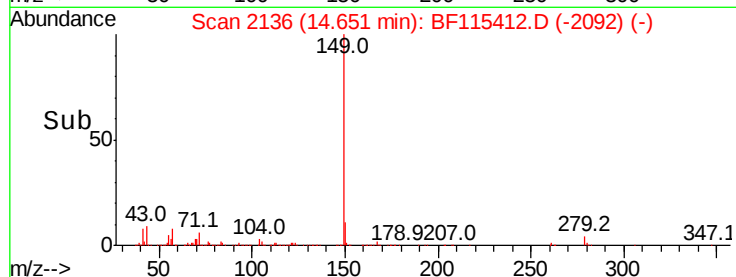
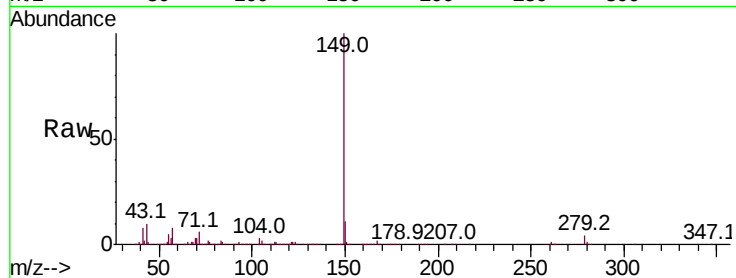
#85
Di-n-octyl phthalate
Concen: 45.067 ng
RT: 14.65 min Scan# 2136
Delta R.T. -0.04 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

Tot Ion:149 Resp: 1585552
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.6 11.4

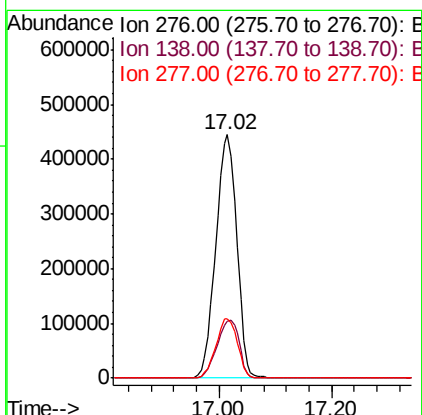
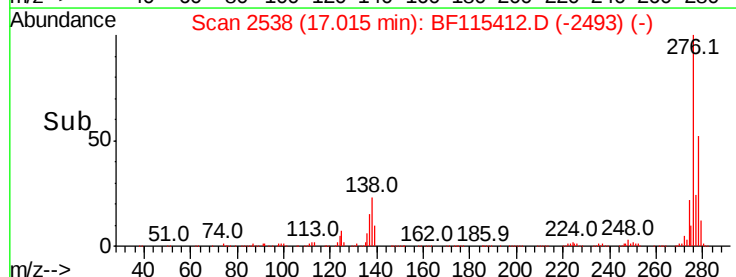
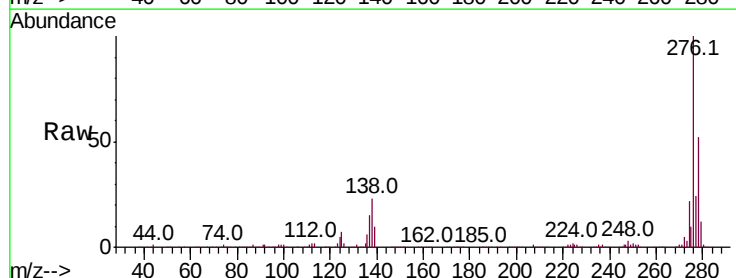
Manual Integrations
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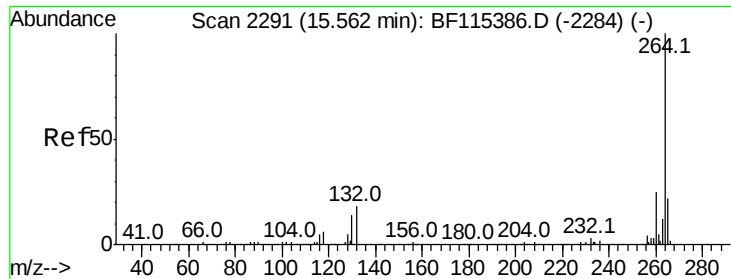
mohammad
7/10/2019 9:04:28 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.461 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.03 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Tgt Ion:276 Resp: 1149746
Ion Ratio Lower Upper
276 100
138 25.3 0.0 0.0#
277 25.1 0.0 0.0#





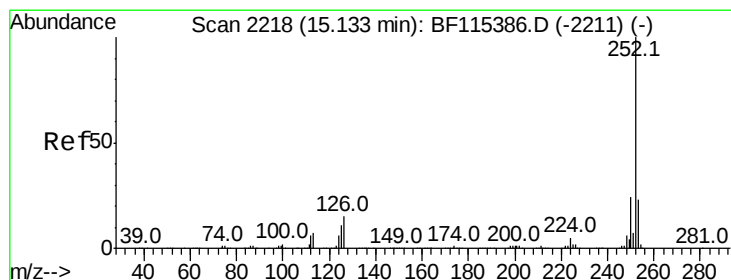
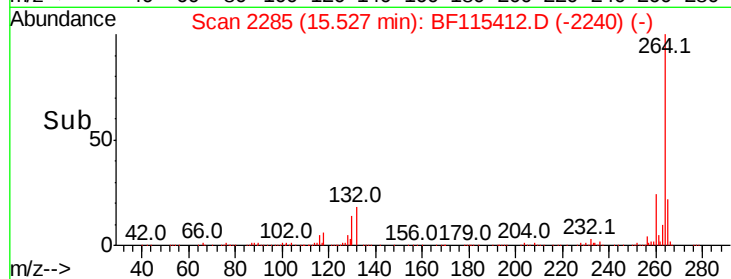
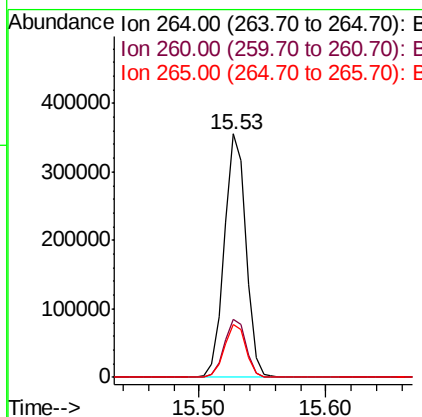
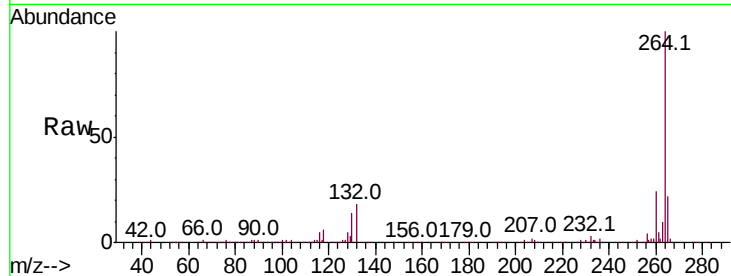
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.04 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.9	29.9
265	21.9	17.4	26.2

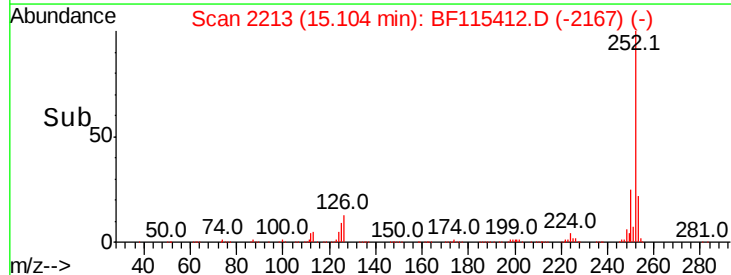
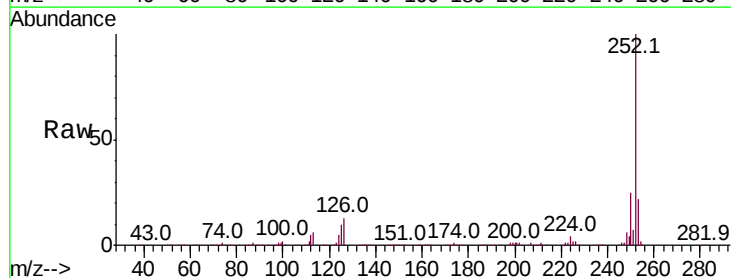
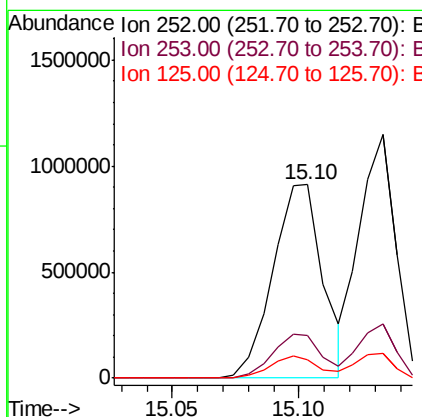
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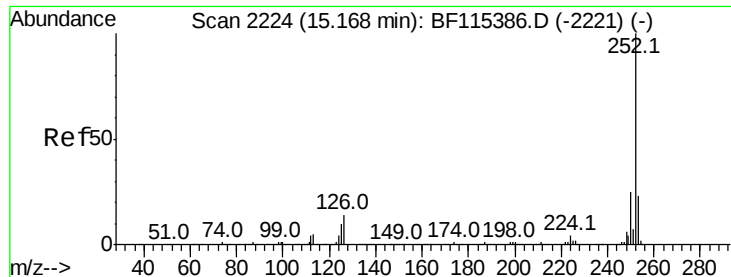
mohammad
7/10/2019 9:04:28 AM



#88
Benzo(b)fluoranthene
Concen: 46.243 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	9.6	9.0	13.6





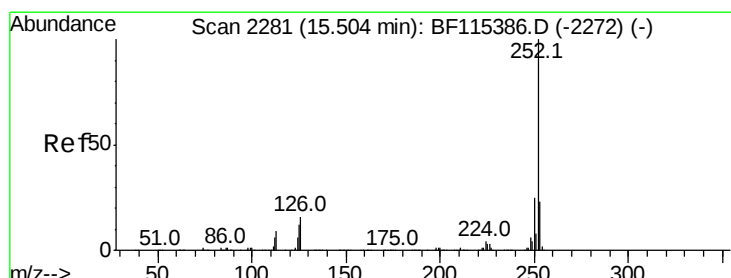
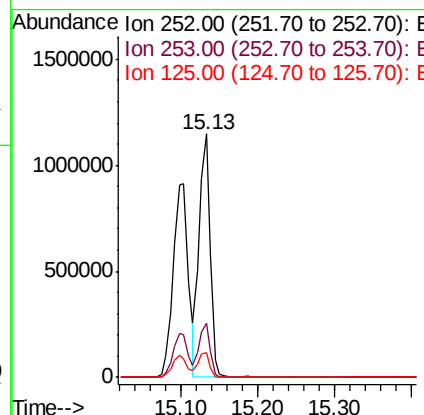
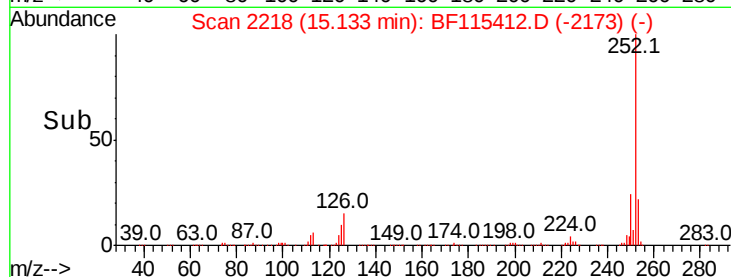
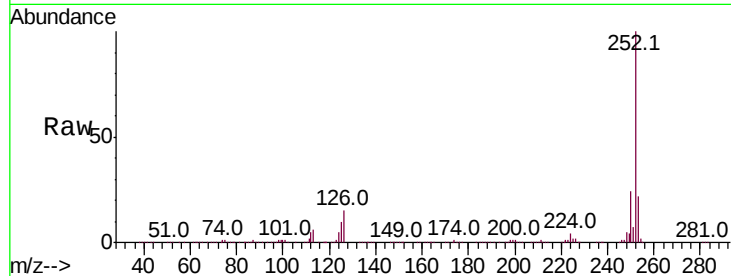
#89
Benzo(k)fluoranthene
Concen: 47.947 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.04 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

Tot Ion:252 Resp: 1162550
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 10.3 8.3 12.5

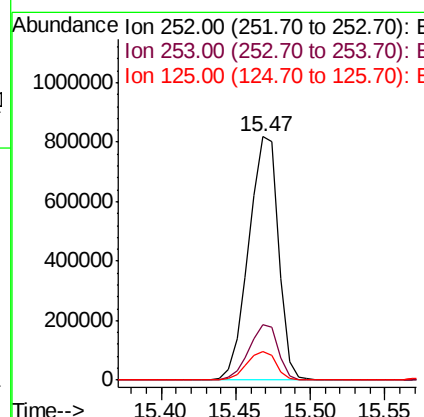
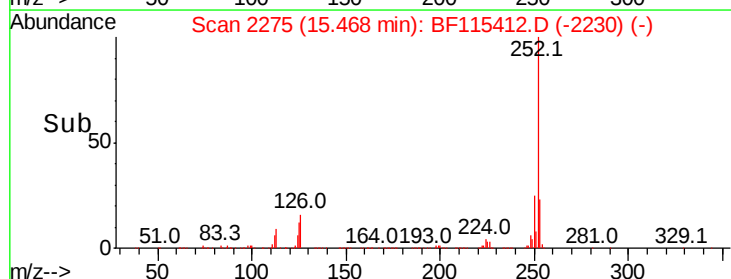
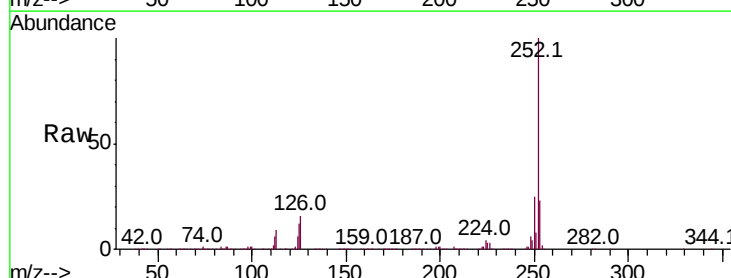
Manual Integrations
APPROVED

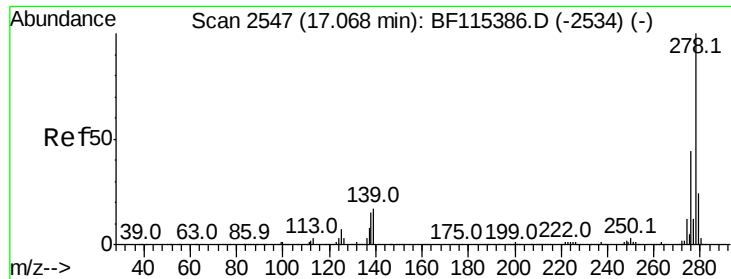
mohammad
7/10/2019 9:04:28 AM



#90
Benzo(a)pyrene
Concen: 48.032 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.04 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Tgt Ion:252 Resp: 1129462
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 11.9 10.0 15.0





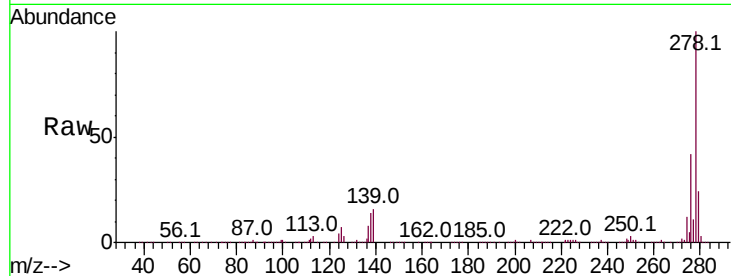
#91
Dibenzo(a,h)anthracene
Concen: 47.654 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.04 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Instrument :
BNA_F
ClientSampleId :
PB121186BS

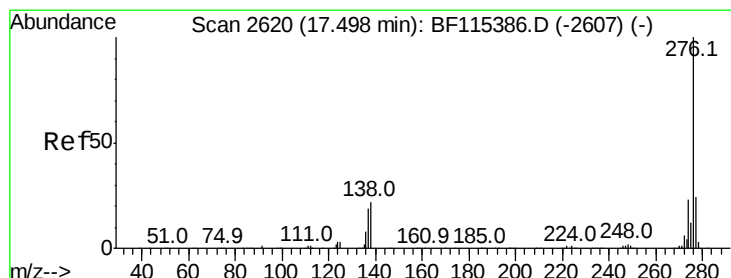
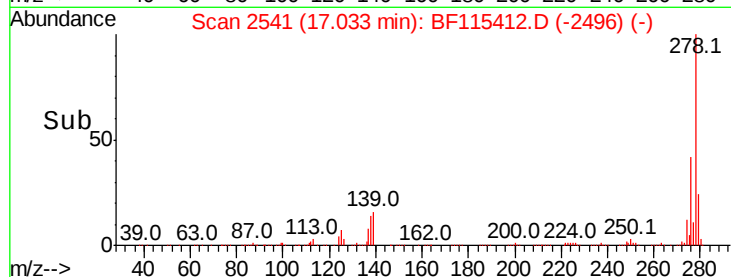
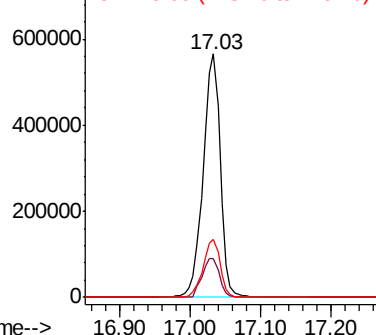
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.4	20.2
279	23.9	19.4	29.0

Manual Integrations
APPROVED

mohammad
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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: 49.913 ng
RT: 17.46 min Scan# 2614
Delta R.T. -0.04 min
Lab File: BF115412.D
Acq: 8 Jul 2019 18:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.2
138	22.1	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

