

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115403.D
 Acq On : 8 Jul 2019 13:42
 Operator : HP/JU
 Sample : PB121094BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121094BSD

Manual Integrations
 APPROVED

mohammad
 7/10/2019 9:04:20 AM

Quant Time: Jul 08 14:57:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 08 14:37:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	168247	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	664475	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	331960	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	642270	20.00	ng	0.00
76) Chrysene-d12	14.06	240	477575	20.00	ng	-0.01
87) Perylene-d12	15.56	264	484317	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1312695	120.55	ng	0.01
7) Phenol-d6	6.53	99	1694765	122.37	ng	0.00
23) Nitrobenzene-d5	7.46	82	996103	88.57	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	480467	130.90	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1798191	95.05	ng	0.00
79) Terphenyl-d14	13.00	244	1972547	84.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	226453	42.396	ng	99
3) Pyridine	3.55	79	579739	39.252	ng	99
4) n-Nitrosodimethylamine	3.50	42	241350	40.297	ng	95
6) Aniline	6.56	93	629134	32.191	ng	100
8) 2-Chlorophenol	6.69	128	529710	43.080	ng	98
9) Benzaldehyde	6.45	77	300704	37.226	ng	95
10) Phenol	6.54	94	685652	41.379	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	508798	41.390	ng	97
12) 1,3-Dichlorobenzene	6.84	146	563322	41.816	ng	99
13) 1,4-Dichlorobenzene	6.92	146	564443	41.830	ng	98
14) 1,2-Dichlorobenzene	7.07	146	529825	42.409	ng	99
15) Benzyl Alcohol	7.03	79	475484	42.785	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	692709	40.302	ng	99
17) 2-Methylphenol	7.15	107	445018	42.246	ng	99
18) Hexachloroethane	7.42	117	213320	42.437	ng	96
19) n-Nitroso-di-n-propylamine	7.31	70	370492	39.542	ng	100
20) 3+4-Methylphenols	7.30	107	546504	43.920	ng	99
22) Acetophenone	7.30	105	734927	46.158	ng	# 98
24) Nitrobenzene	7.47	77	582102	45.831	ng	100
25) Isophorone	7.72	82	1055848	43.313	ng	99
26) 2-Nitrophenol	7.79	139	274525	52.573	ng	94
27) 2,4-Dimethylphenol	7.83	122	511268	51.347	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	648670	43.153	ng	99
29) 2,4-Dichlorophenol	8.03	162	452490	45.626	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	490747	44.450	ng	99
31) Naphthalene	8.20	128	1502556	45.526	ng	98
32) Benzoic acid	7.95	122	347045	47.864	ng	98
33) 4-Chloroaniline	8.24	127	332321	22.567	ng	99
34) Hexachlorobutadiene	8.32	225	272396	43.506	ng	99
35) Caprolactam	8.61	113	144656m	44.785	ng	
36) 4-Chloro-3-methylphenol	8.72	107	470648	44.867	ng	99
37) 2-Methylnaphthalene	8.89	142	1014181	45.973	ng	99
38) 1-Methylnaphthalene	8.99	142	946144	44.951	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	442080	46.291	ng	99

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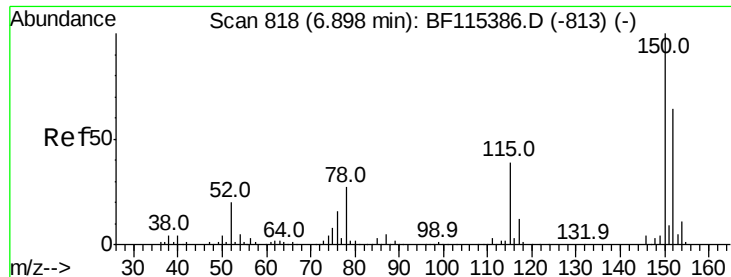
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	528827	95.540	nq	97
43) 2,4,6-Trichlorophenol	9.17	196	327443	47.096	nq	100
44) 2,4,5-Trichlorophenol	9.21	196	338726	46.984	nq	98
46) 1,1'-Biphenyl	9.36	154	1219810	46.741	nq	98
47) 2-Chloronaphthalene	9.38	162	969665	44.957	nq	99
48) 2-Nitroaniline	9.47	65	292900	46.221	nq	97
49) Acenaphthylene	9.80	152	1469522	45.000	nq	99
50) Dimethylphthalate	9.66	163	1104593	44.333	nq	100
51) 2,6-Dinitrotoluene	9.71	165	253923	46.991	nq	100
52) Acenaphthene	9.97	154	1028130	50.025	nq	99
53) 3-Nitroaniline	9.88	138	193974	30.907	nq	95
54) 2,4-Dinitrophenol	9.99	184	241630	100.792	nq	96
55) Dibenzofuran	10.14	168	1323494	45.715	nq	100
56) 4-Nitrophenol	10.04	139	452852	93.261	nq	99
57) 2,4-Dinitrotoluene	10.12	165	341157	49.678	nq	94
58) Fluorene	10.49	166	984072	43.119	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	289991	46.563	nq	99
60) Diethylphthalate	10.36	149	1068072	43.551	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	493905	44.340	nq	97
62) 4-Nitroaniline	10.50	138	278198	45.158	nq	96
63) Azobenzene	10.63	77	1102825	43.624	nq	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	162361	52.015	nq	84
66) n-Nitrosodiphenylamine	10.59	169	920394	45.481	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	319511	44.335	nq	93
68) Hexachlorobenzene	11.03	284	359121	44.408	nq	96
69) Atrazine	11.12	200	301111	48.079	nq	99
70) Pentachlorophenol	11.22	266	431216	87.496	nq	99
71) Phenanthrene	11.45	178	1525781	45.170	nq	100
72) Anthracene	11.50	178	1567680	46.282	nq	100
73) Carbazole	11.65	167	1397476	45.098	nq	100
74) Di-n-butylphthalate	11.98	149	1637077	43.713	nq	99
75) Fluoranthene	12.63	202	1609557	45.256	nq	100
77) Benzidine	12.75	184	824304	44.261	nq	99
78) Pyrene	12.86	202	1629071	43.865	nq	98
80) Butylbenzylphthalate	13.47	149	725770	44.727	nq	99
81) Benzo(a)anthracene	14.05	228	1355276	44.290	nq	99
82) 3,3'-Dichlorobenzidine	14.01	252	378512	34.090	nq	99
83) Chrysene	14.09	228	1392484	44.289	nq	100
84) Bis(2-ethylhexyl)phthalate	14.04	149	897652	44.670	nq	99
85) Di-n-octyl phthalate	14.68	149	1638472	45.801	nq	99
86) Indeno(1,2,3-cd)pyrene	17.04	276	1223936	47.912	nq	100
88) Benzo(b)fluoranthene	15.13	252	1359278	43.106	nq	98
89) Benzo(k)fluoranthene	15.16	252	1300421	46.371	nq	99
90) Benzo(a)pyrene	15.50	252	1256191	46.187	nq	99
91) Dibenzo(a,h)anthracene	17.06	278	1023746	44.049	nq	99
92) Benzo(g,h,i)perylene	17.50	276	986372	44.839	nq	98

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



#1

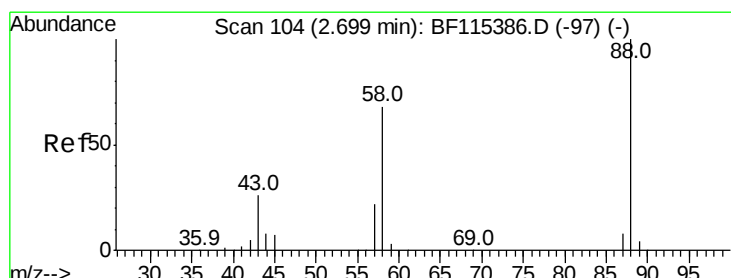
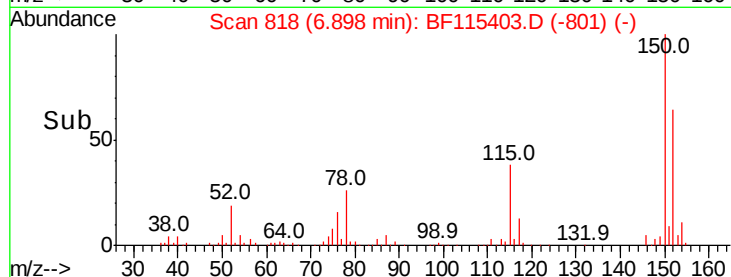
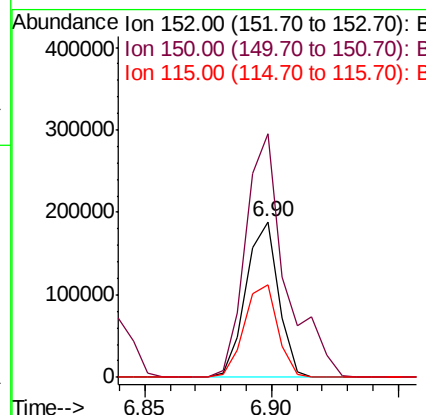
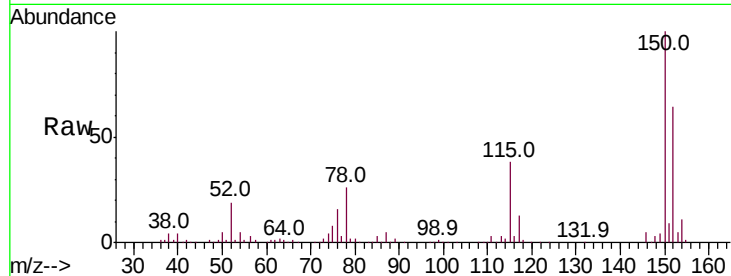
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :
PB121094BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.1	187.7
115	59.9	50.2	75.2

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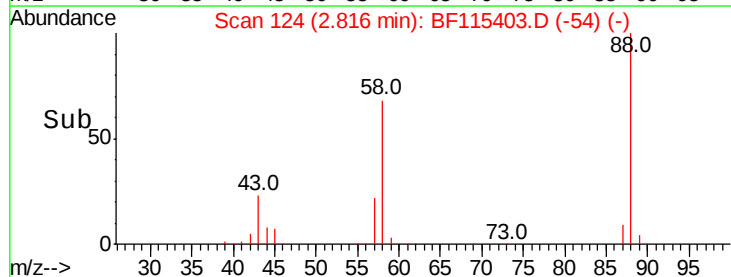
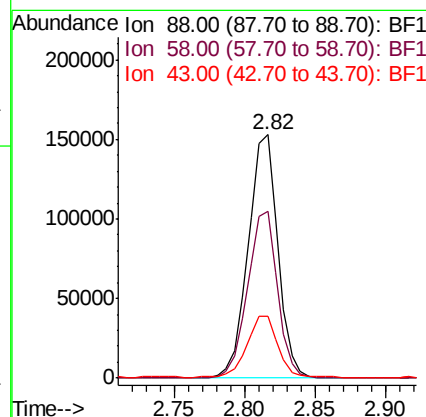
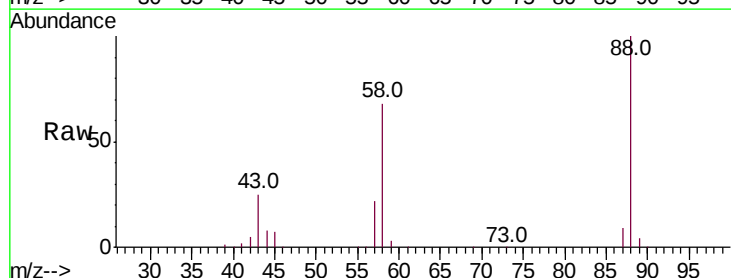
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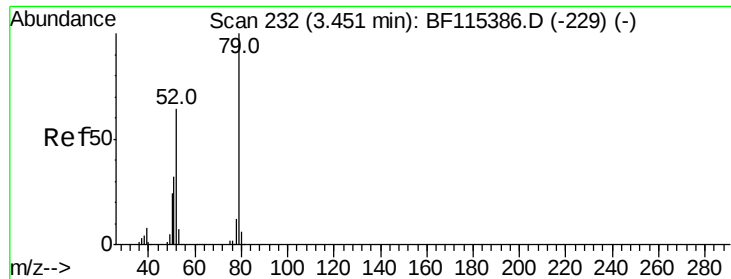


#2

1,4-Dioxane
Concen: 42.396 ng
RT: 2.82 min Scan# 124
Delta R.T. 0.11 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	54.4	81.6
43	25.7	20.7	31.1





#3

Pvridine

Concen: 39.252 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.09 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

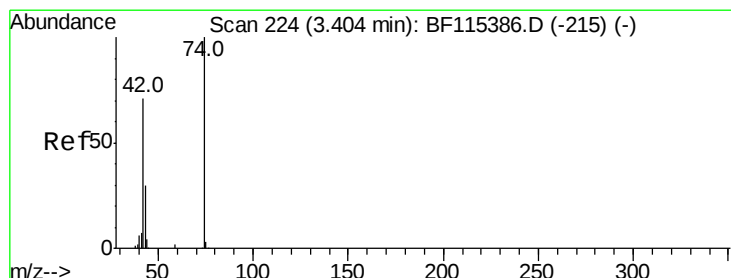
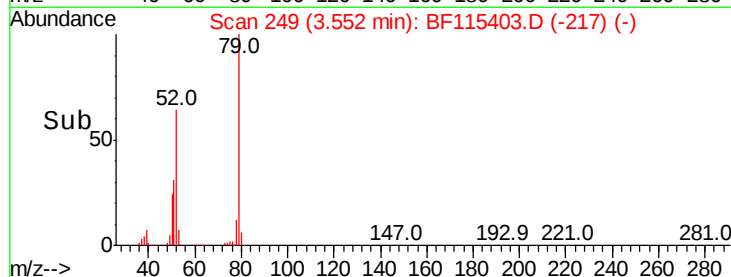
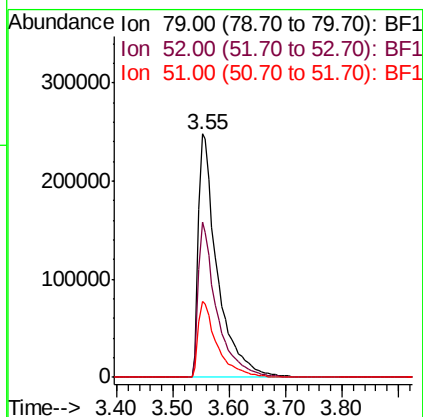
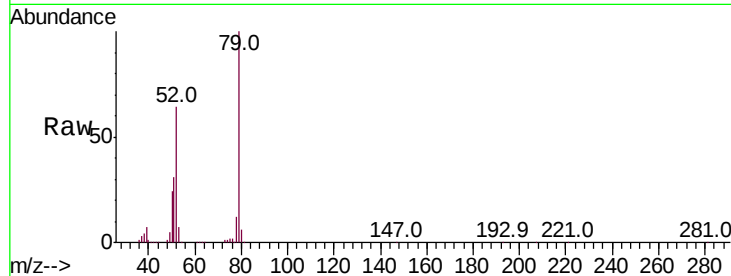
ClientSampleId :

PB121094BSD

Tot Ion:	79	Resp:	579739
Ion	Ratio	Lower	Upper
79	100		
52	63.6	49.9	74.9
51	31.4	25.0	37.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.297 ng

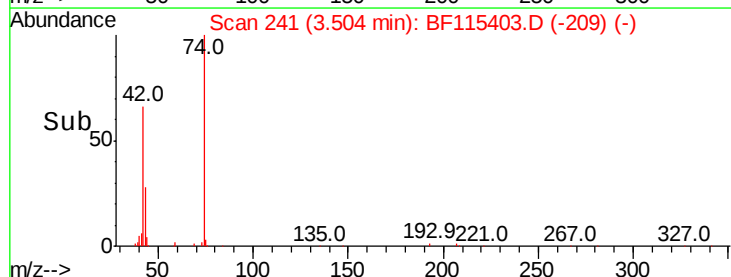
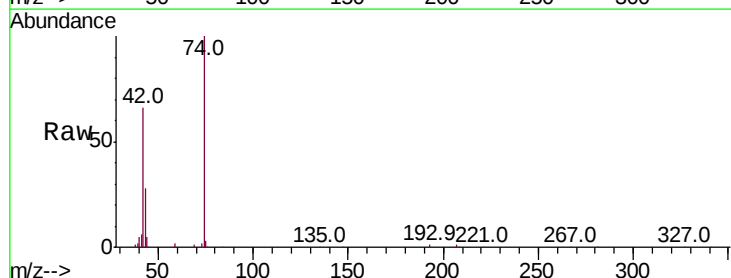
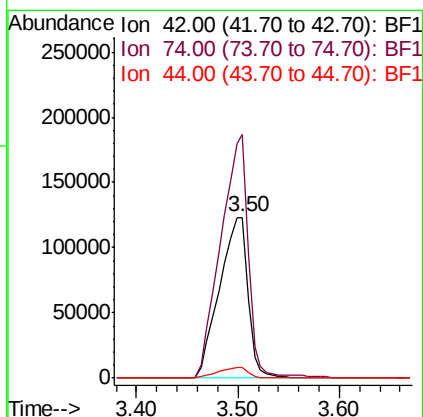
RT: 3.50 min Scan# 241

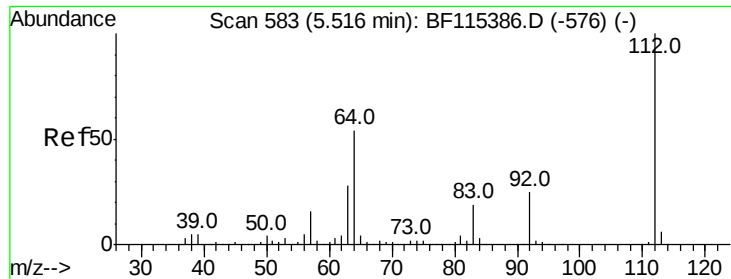
Delta R.T. 0.09 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Tgt Ion:	42	Resp:	241350
Ion	Ratio	Lower	Upper
42	100		
74	151.6	116.6	174.8
44	7.0	5.2	7.8





#5

2-Fluorophenol

Concen: 120.546 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampleId :

PB121094BSD

Tot Ion:112 Resp: 1312695

Ion Ratio Lower Upper

112 100

64 56.8 43.4 65.2

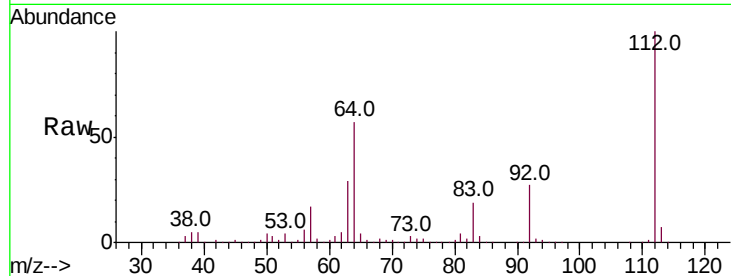
63 29.2 22.4 33.6

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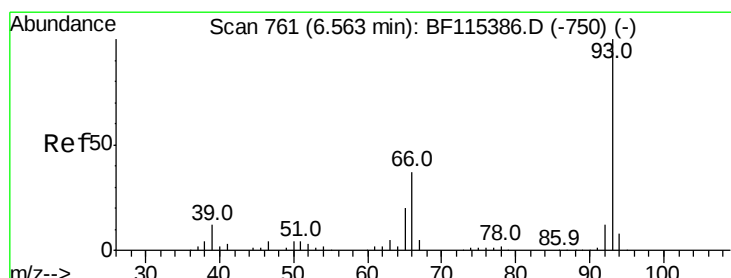
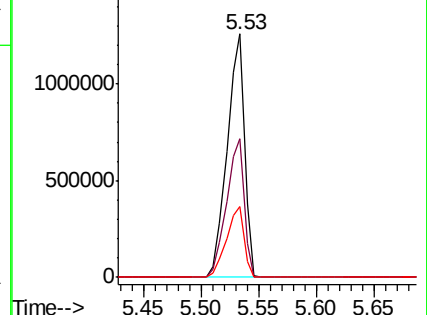
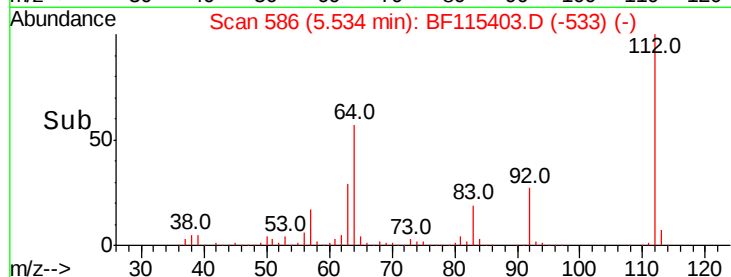
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.191 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

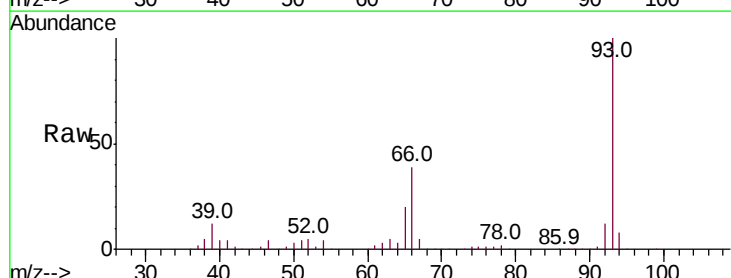
Tgt Ion: 93 Resp: 629134

Ion Ratio Lower Upper

93 100

66 39.3 31.4 47.2

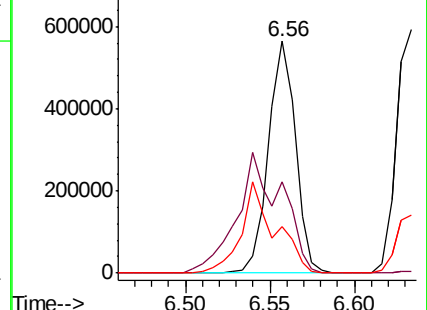
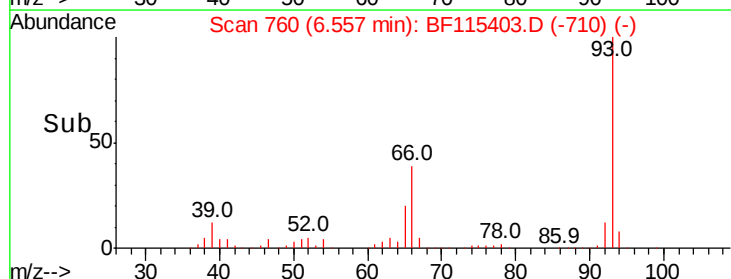
65 20.2 16.2 24.2

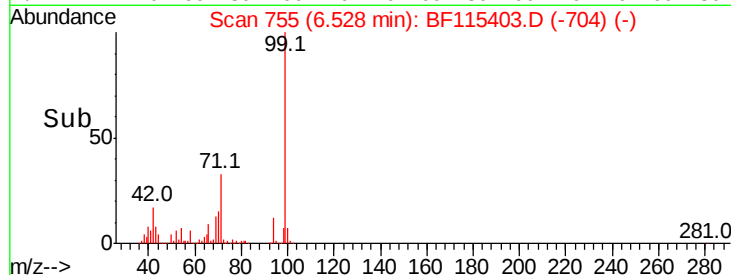
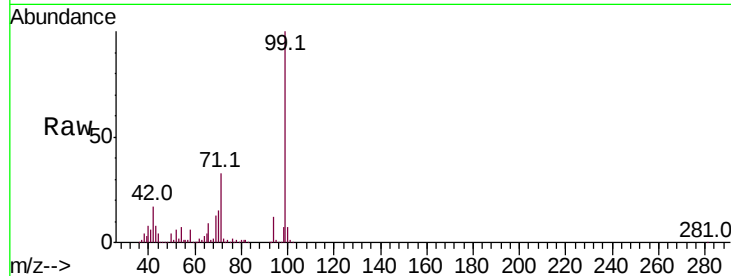
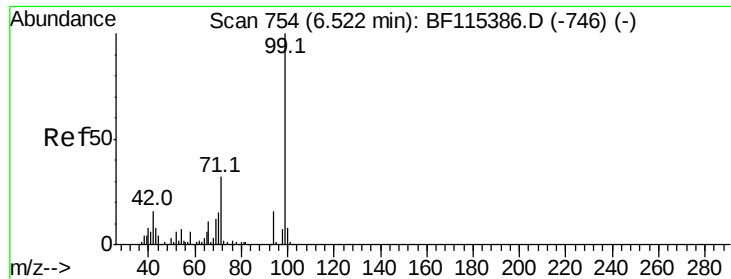


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.372 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Tot Ion:	99	Resp:	1694765
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.4	20.0
71	33.4	26.5	39.7

Instrument :

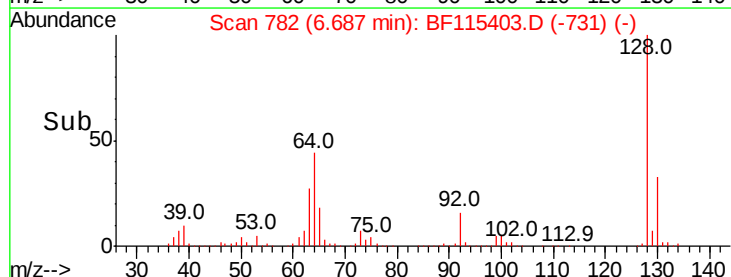
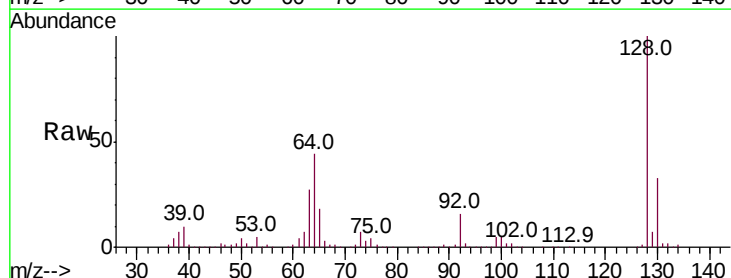
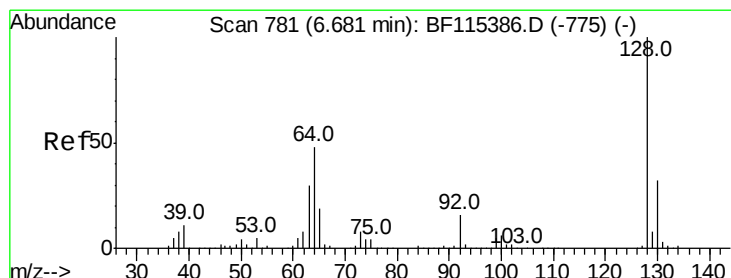
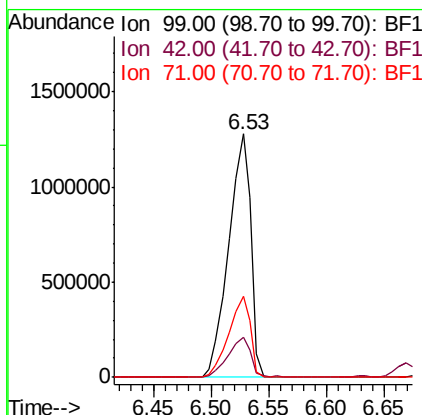
BNA_F

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#8

2-Chlorophenol

Concen: 43.080 ng

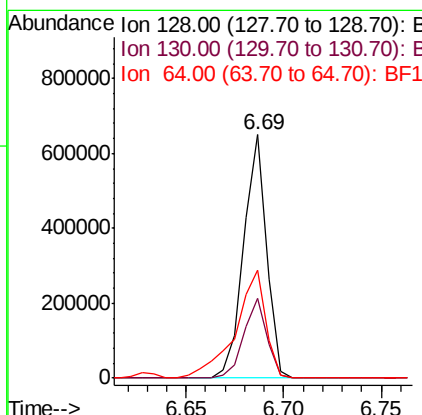
RT: 6.69 min Scan# 782

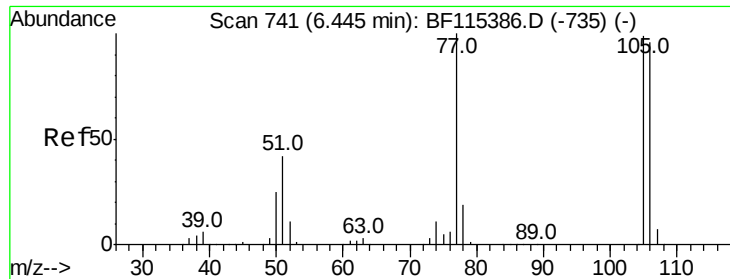
Delta R.T. 0.00 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Tgt Ion:	128	Resp:	529710
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.6	52.6
64	44.3	26.6	66.6





#9

Benzaldehyde

Concen: 37.226 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

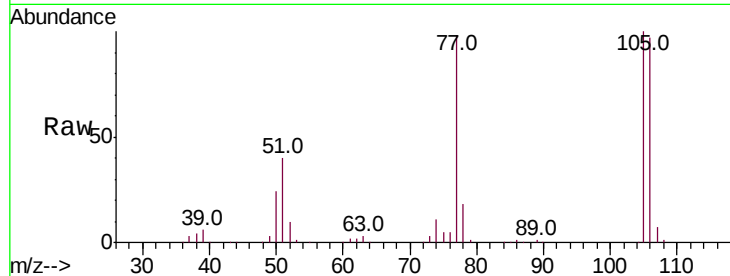
ClientSampleId :

PB121094BSD

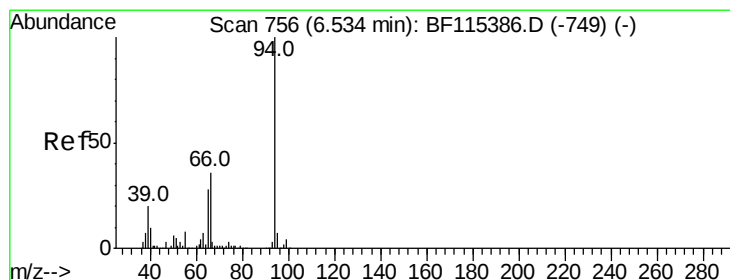
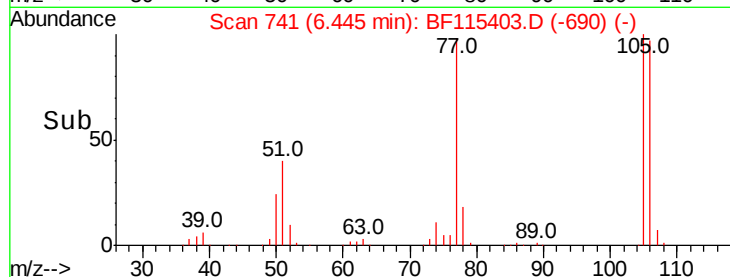
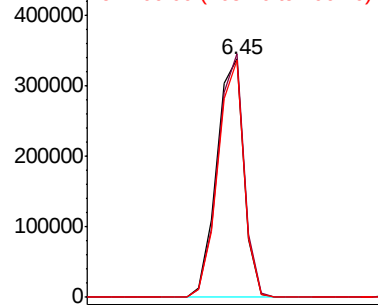
Tot Ion	77	Resp	300704
Ion	Ratio	Lower	Upper
77	100		
105	102.1	77.6	117.6
106	99.3	73.3	113.3

Manual Integrations
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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: 41.379 ng

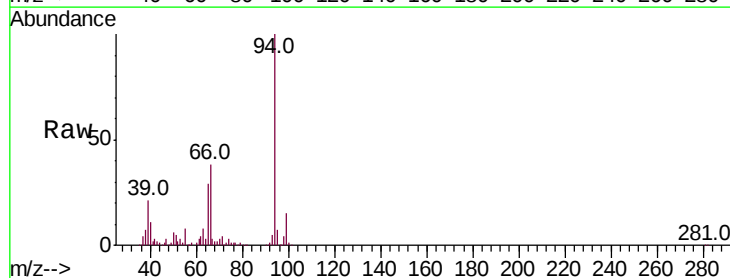
RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

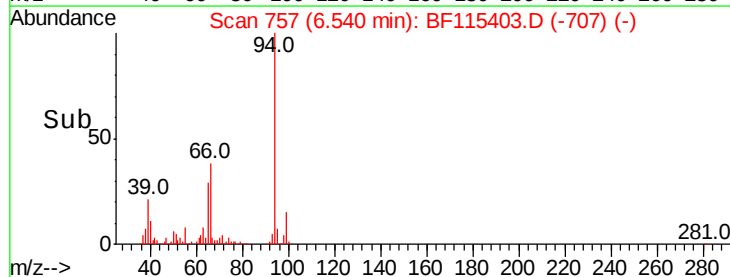
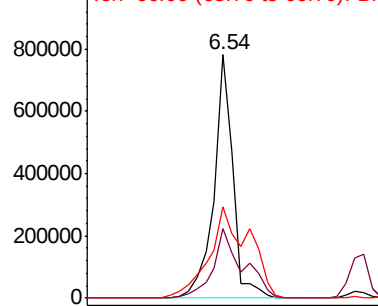
Lab File: BF115403.D

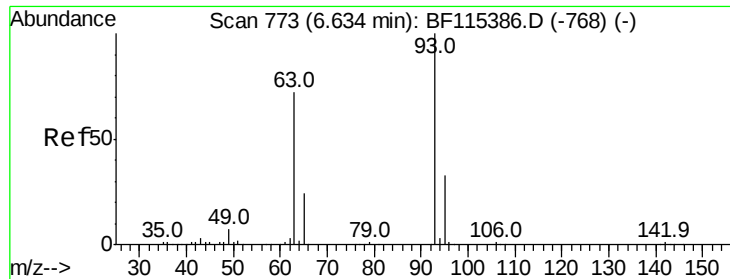
Acq: 8 Jul 2019 13:42

Tgt Ion	94	Resp	685652
Ion	Ratio	Lower	Upper
94	100		
65	28.5	9.4	49.4
66	37.6	20.4	60.4



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





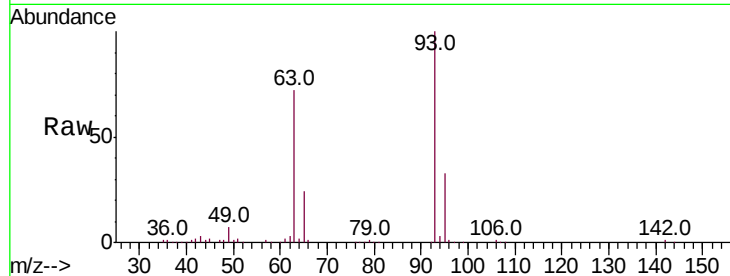
#11
bis(2-Chloroethyl)ether
Concen: 41.390 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :
PB121094BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	508798		
63	71.9	54.8	94.8	
95	33.4	13.0	53.0	

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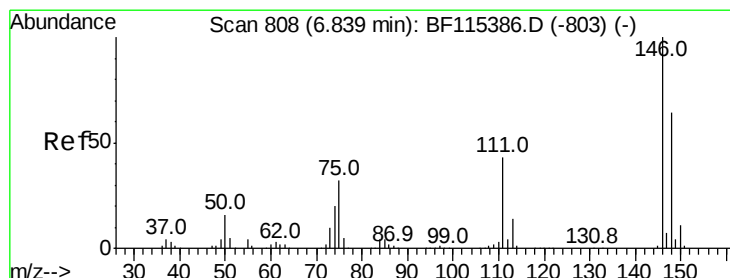
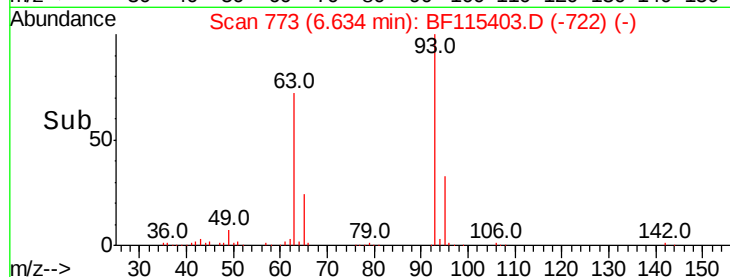
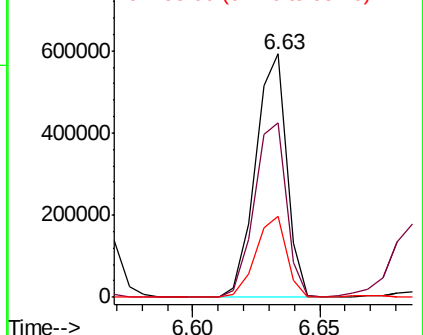


Abundance

Ion 93.00 (92.70 to 93.70): BF1

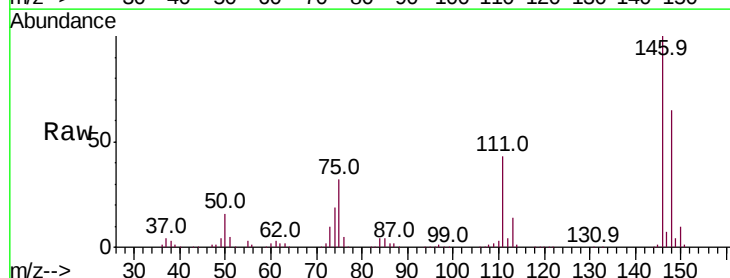
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 41.816 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	563322		
148	64.6	52.0	78.0	
75	32.4	24.6	36.8	

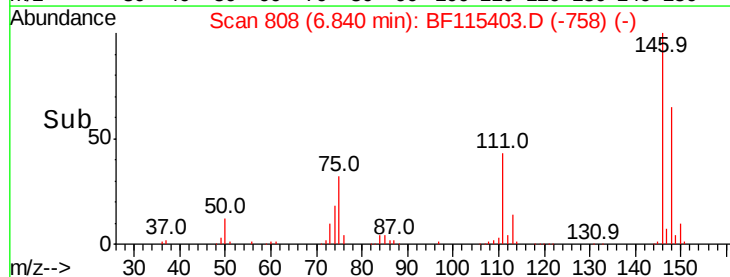
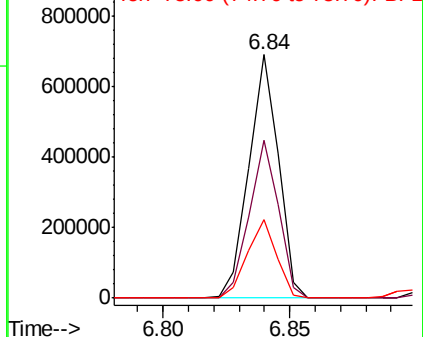


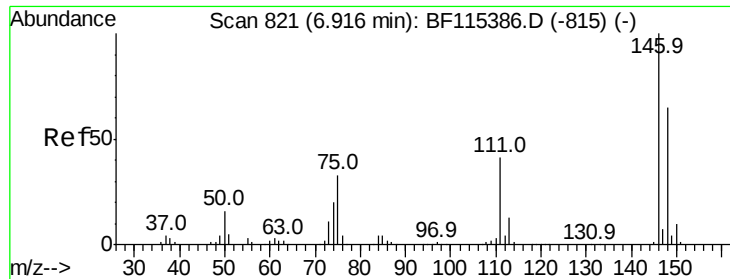
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





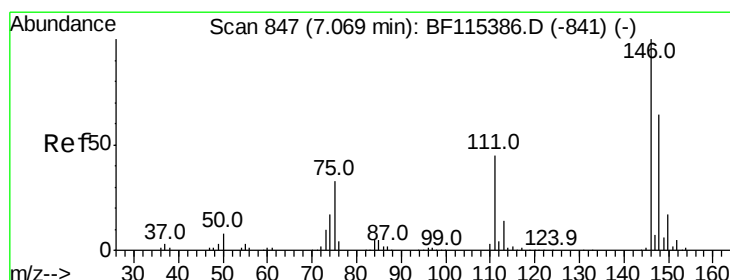
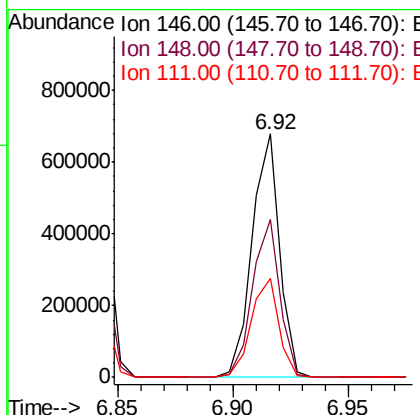
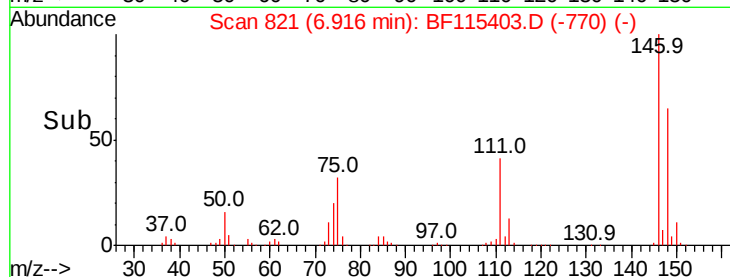
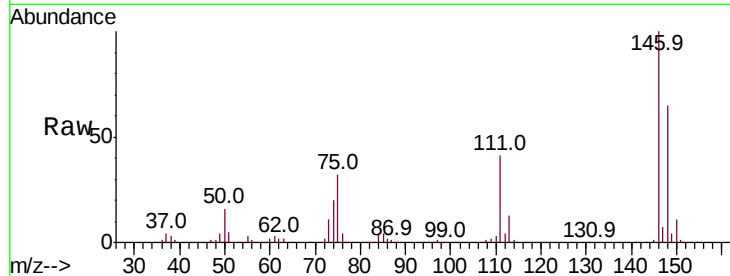
#13
 1,4-Dichlorobenzene
 Concen: 41.830 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB121094BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
111	40.7	34.0	51.0

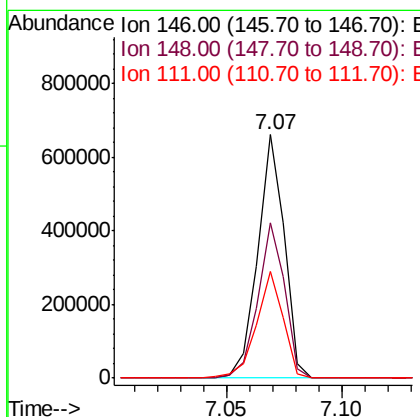
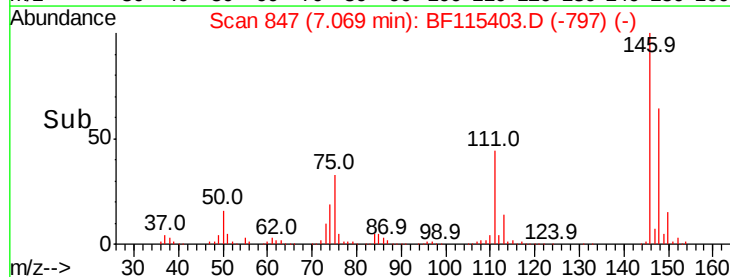
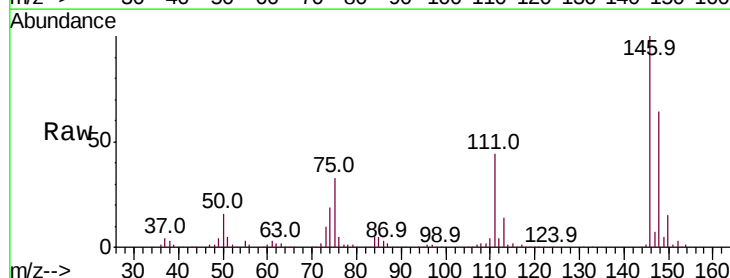
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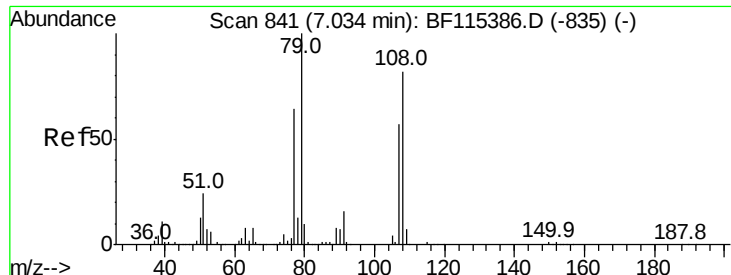
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.409 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.7	77.5
111	44.0	34.6	51.8





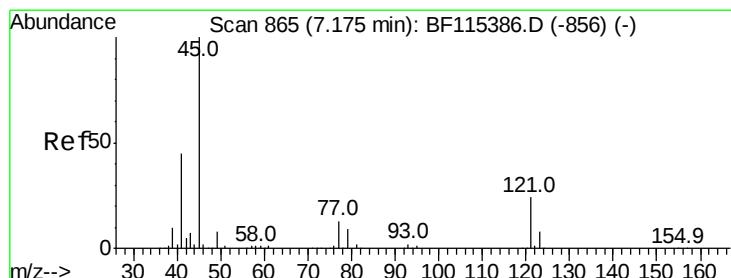
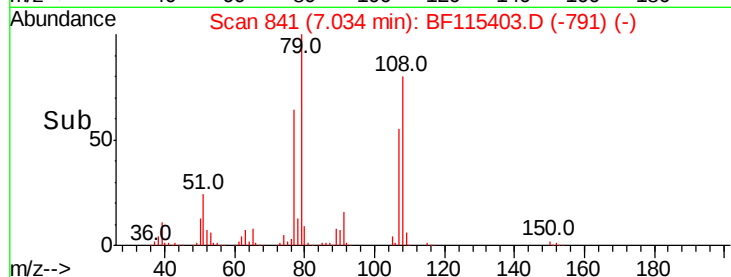
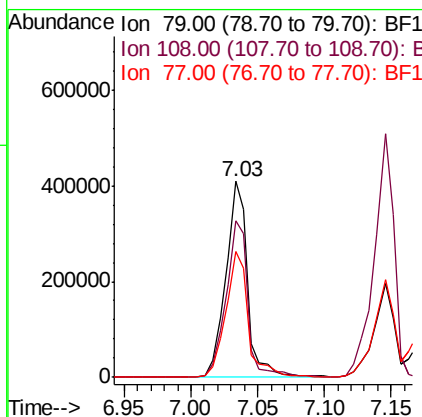
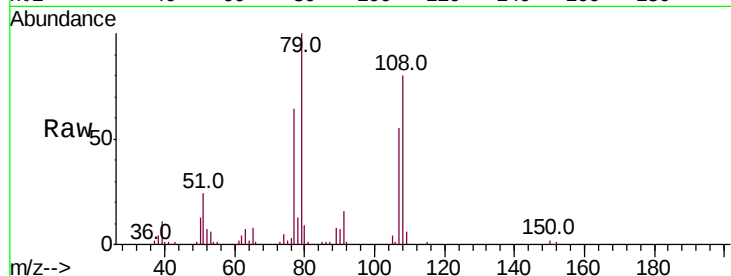
#15
Benzyl Alcohol
Concen: 42.785 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :
PB121094BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.6	65.9	98.9
77	64.1	51.1	76.7

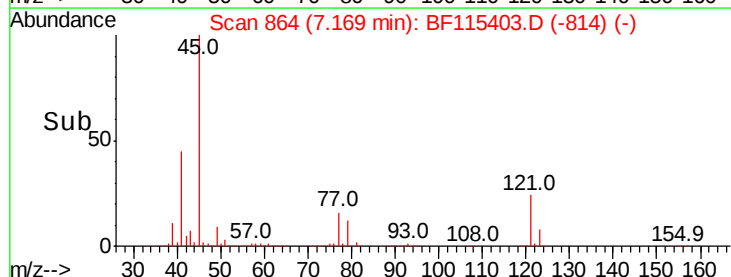
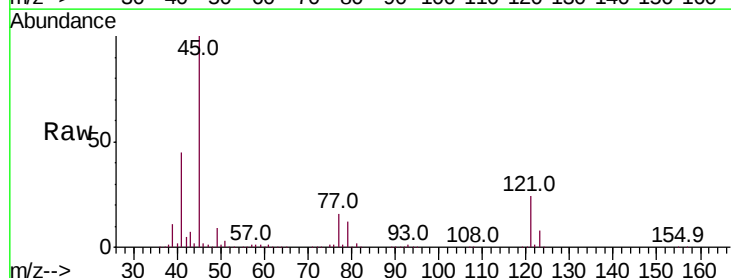
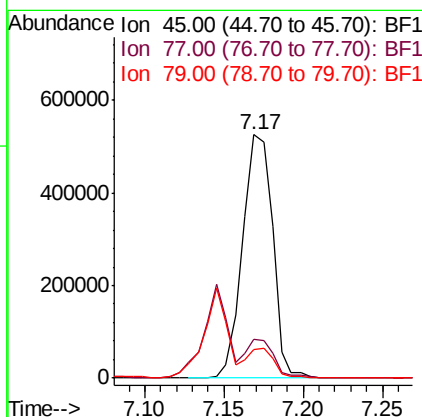
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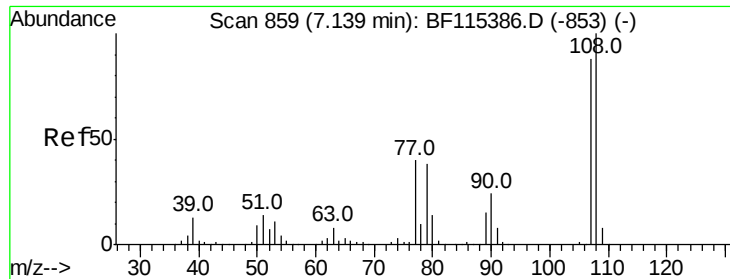
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.302 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	35.8
79	11.8	0.0	32.1





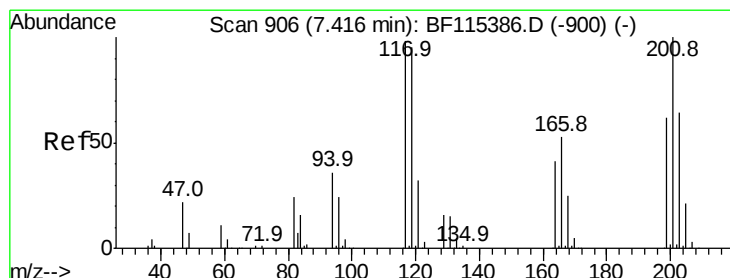
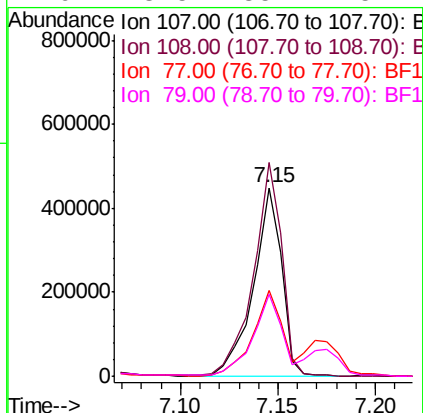
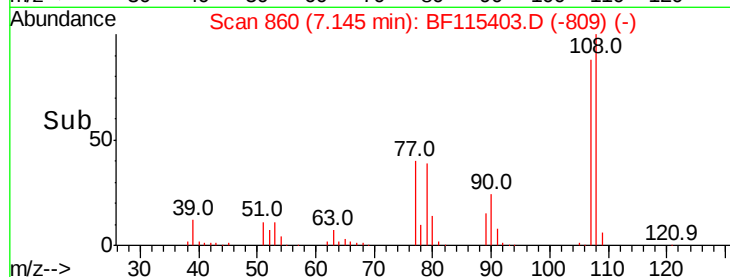
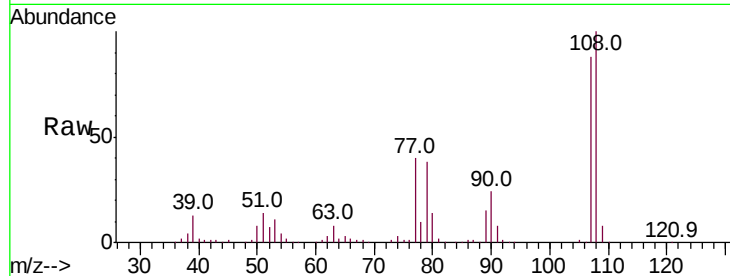
#17
2-Methylphenol
Concen: 42.246 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :
PB121094BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	445018		
108	113.2	91.2	136.8	
77	45.3	36.6	54.8	
79	43.5	35.1	52.7	

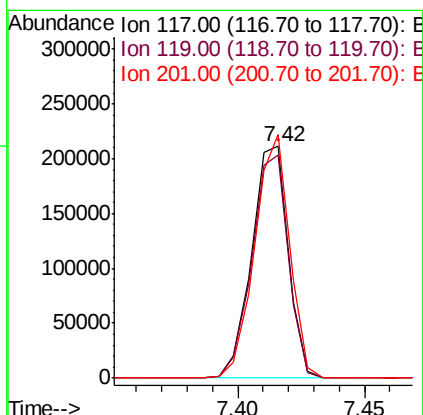
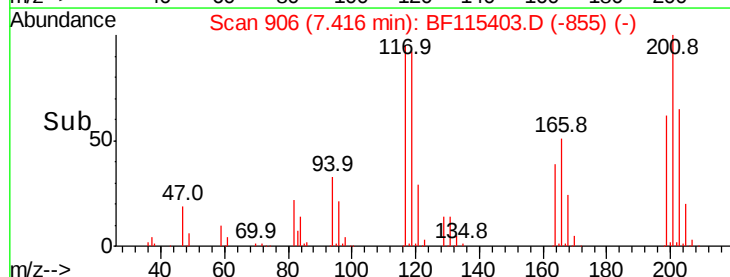
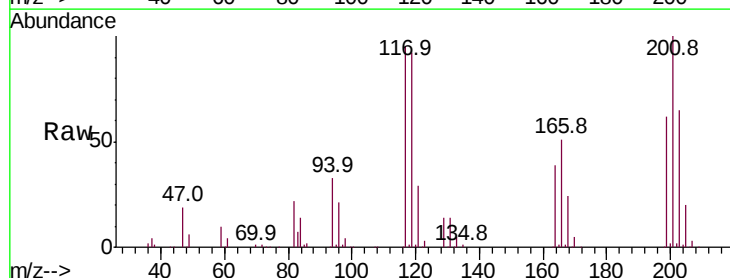
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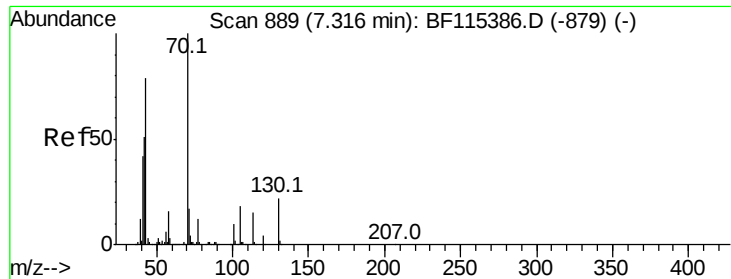
mohammad
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#18
Hexachloroethane
Concen: 42.437 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	213320		
119	96.5	76.3	114.5	
201	105.1	78.5	117.7	





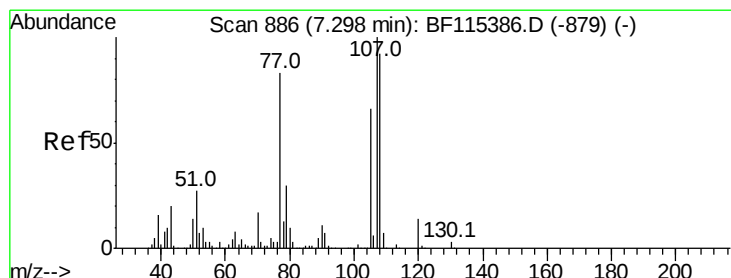
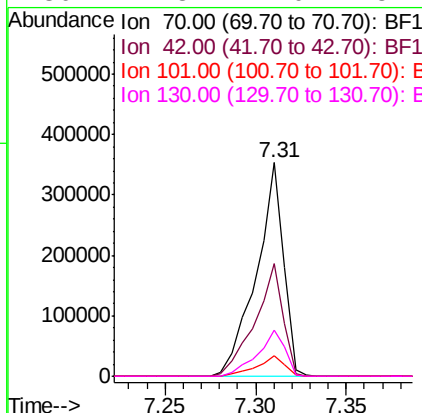
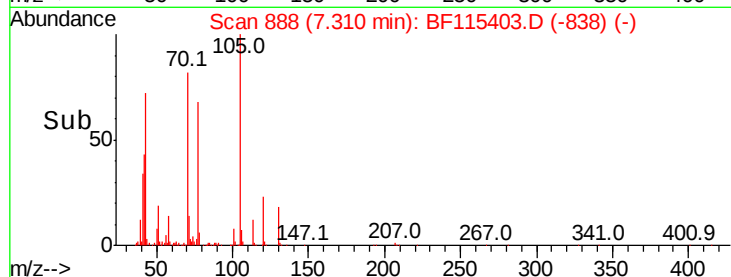
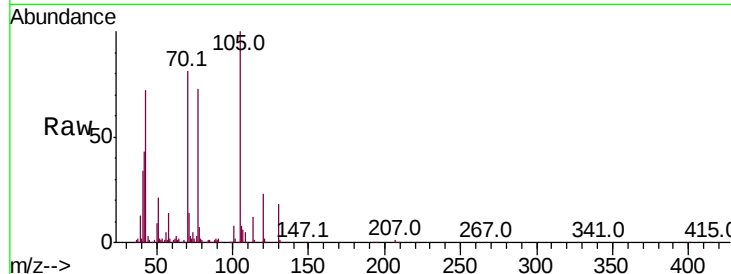
#19
n-Nitroso-di-n-propylamine
Concen: 39.542 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :
PB121094BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	52.9	42.3	63.5		
101	9.7	7.6	11.4		
130	21.8	17.0	25.4		

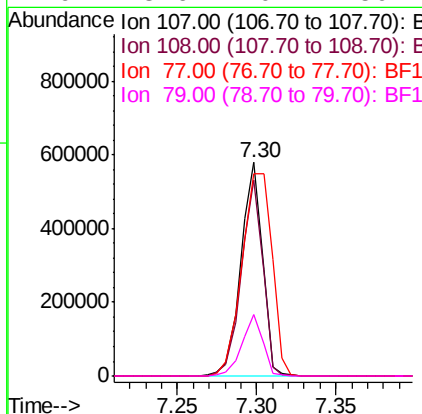
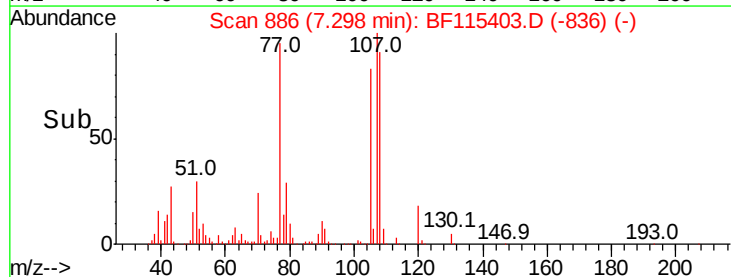
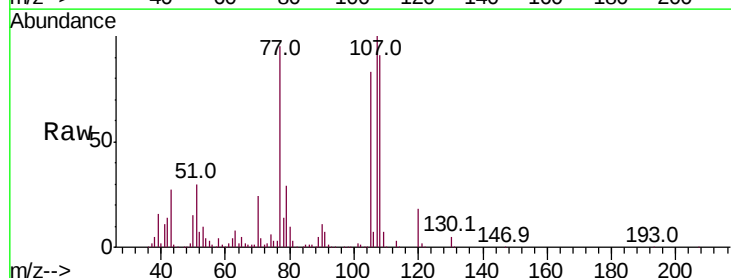
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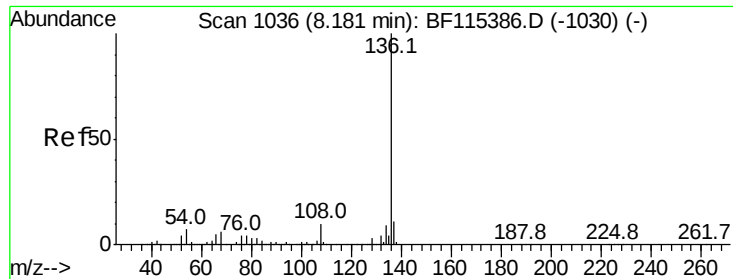
mohammad
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#20
3+4-Methylphenols
Concen: 43.920 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.5	72.3	112.3		
77	94.8	73.4	113.4		
79	28.6	10.2	50.2		





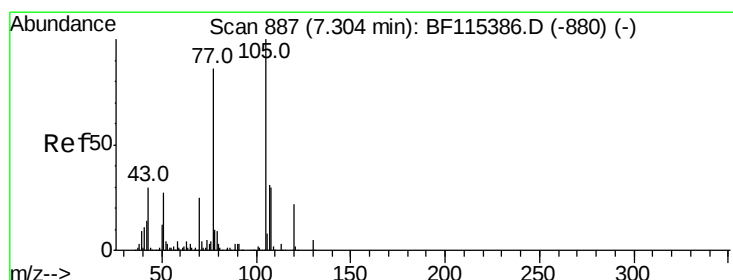
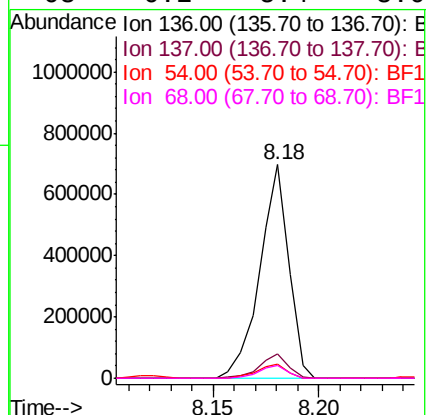
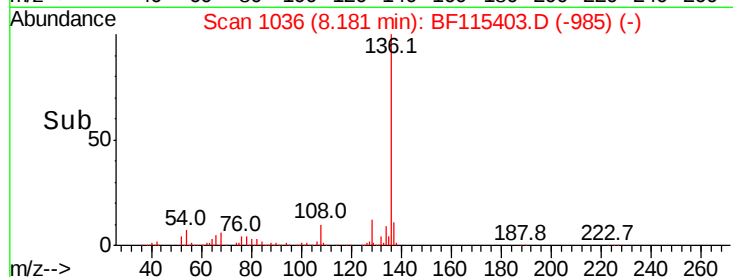
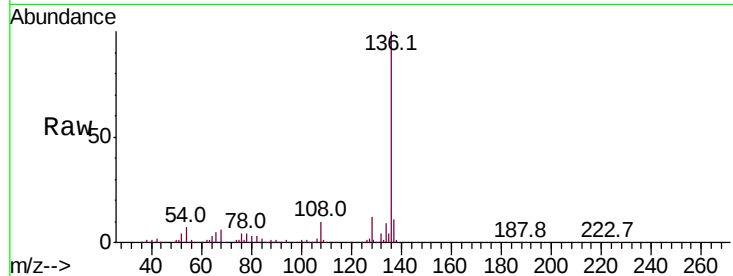
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :
PB121094BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	6.7	6.1	9.1	
68	6.2	5.4	8.0	

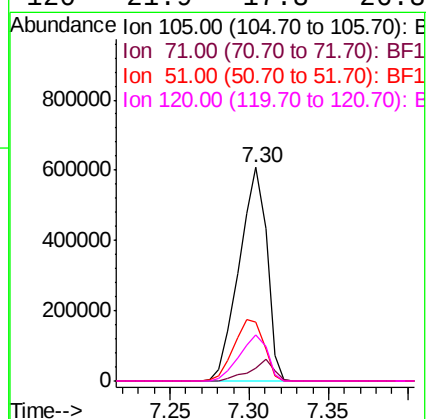
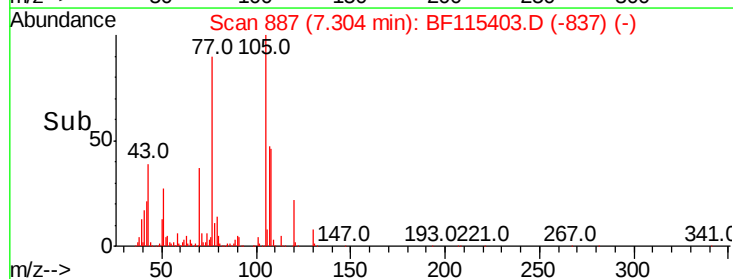
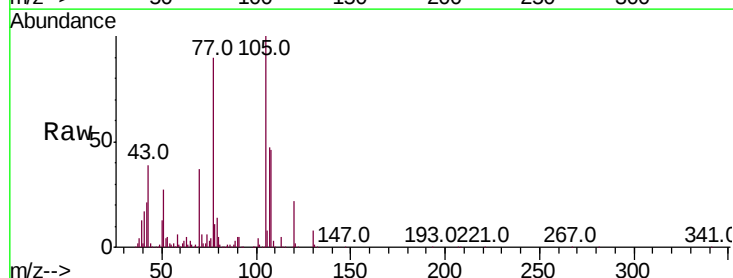
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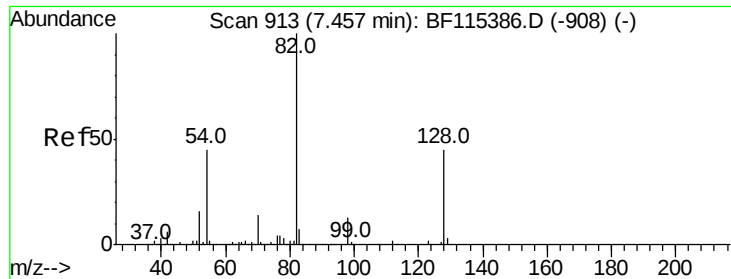
mohammad
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#22
Acetophenone
Concen: 46.158 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.3	3.8	5.8#	
51	27.4	20.9	31.3	
120	21.9	17.8	26.8	





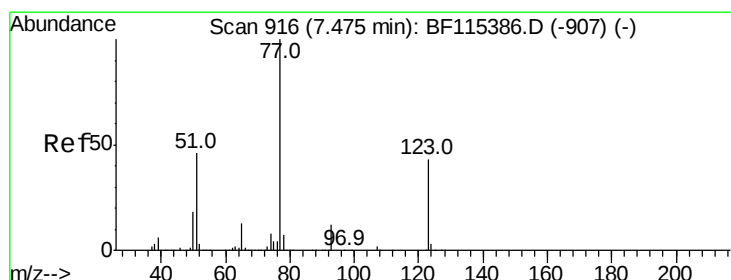
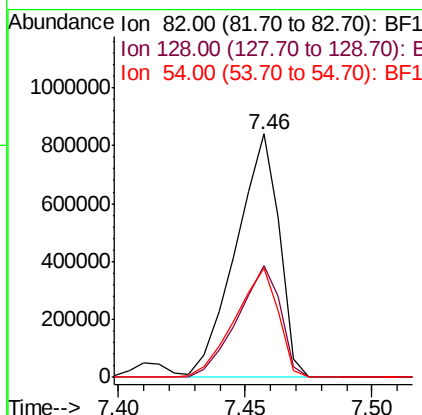
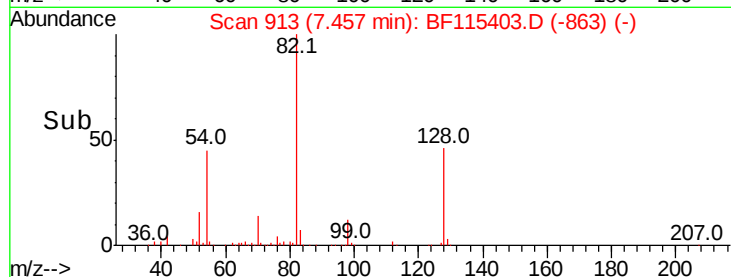
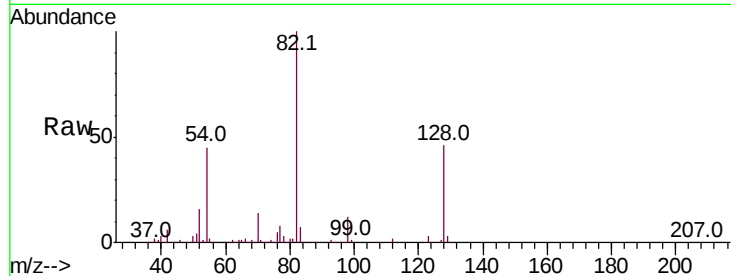
#23
Nitrobenzene-d5
Concen: 88.571 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampled :
PB121094BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.2	54.4
54	44.6	35.8	53.6

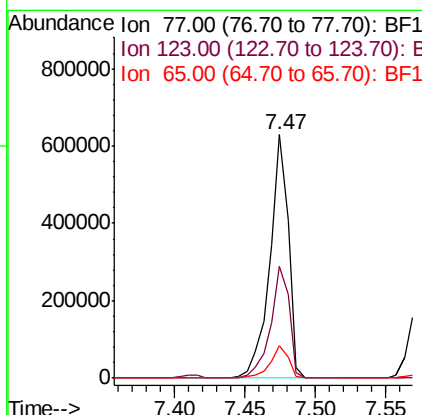
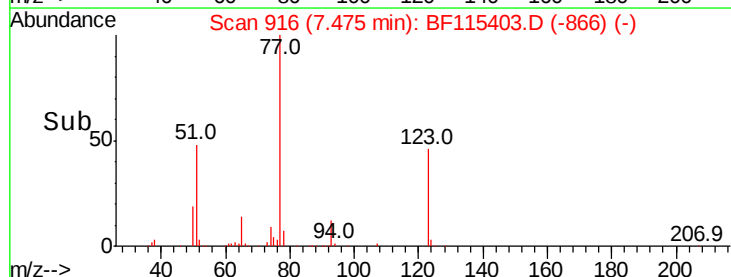
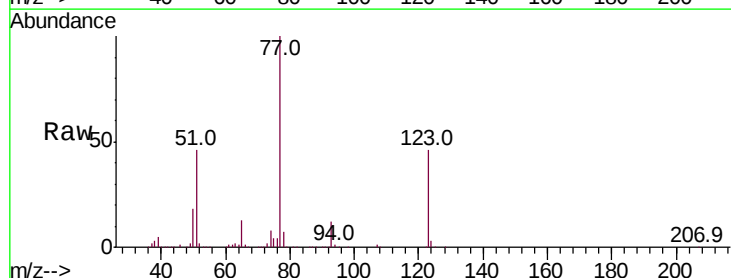
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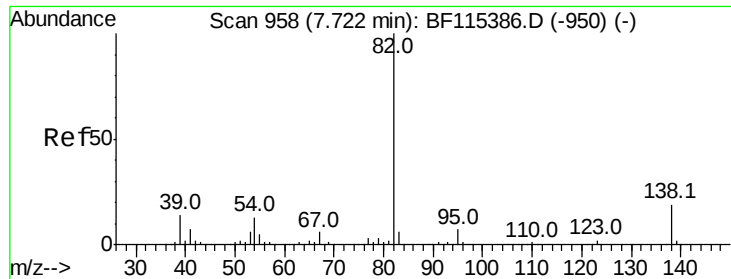
mohammad
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#24
Nitrobenzene
Concen: 45.831 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.0	36.7	55.1
65	13.1	10.8	16.2





#25

Isophorone

Concen: 43.313 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampleId :

PB121094BSD

Tot Ion: 82 Resp: 1055848

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

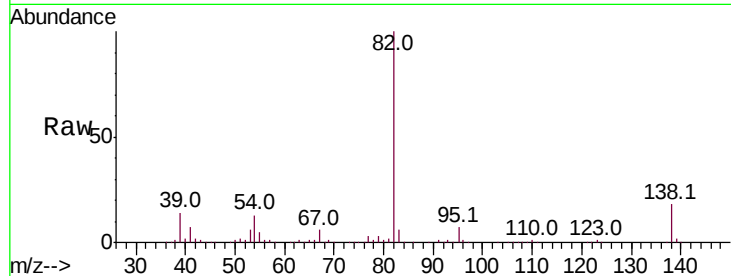
138 17.6 14.3 21.5

Manual Integrations

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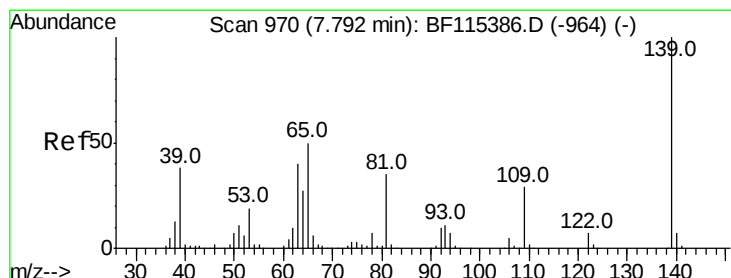
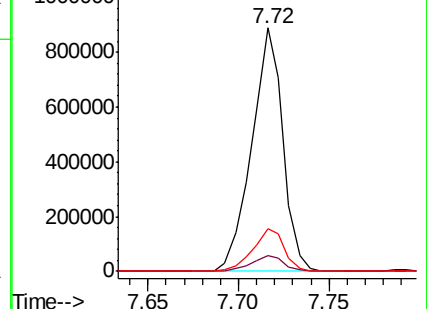
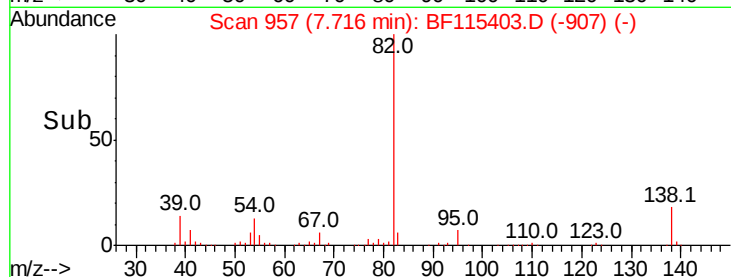
7/10/2019 9:04:20 AM



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: 52.573 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

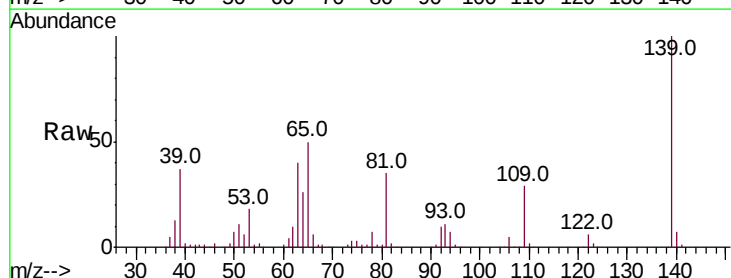
Tgt Ion: 139 Resp: 274525

Ion Ratio Lower Upper

139 100

109 29.0 22.2 33.4

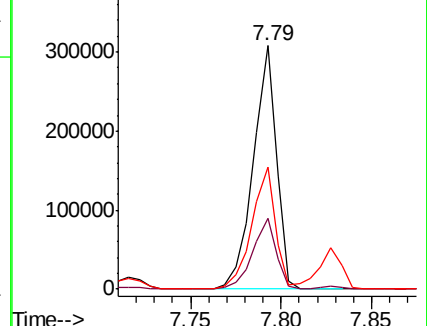
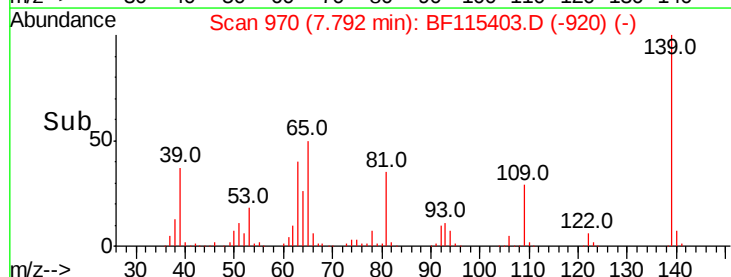
65 49.9 35.6 53.4

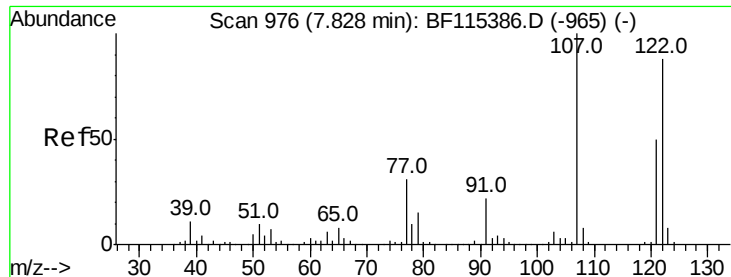


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





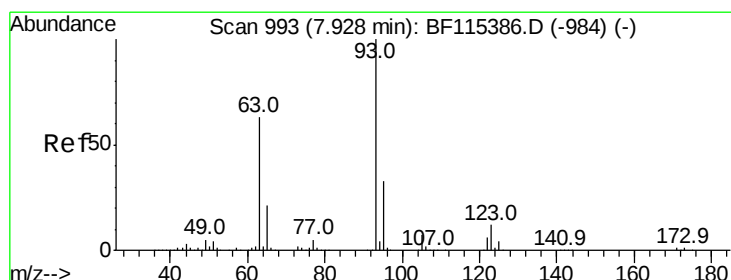
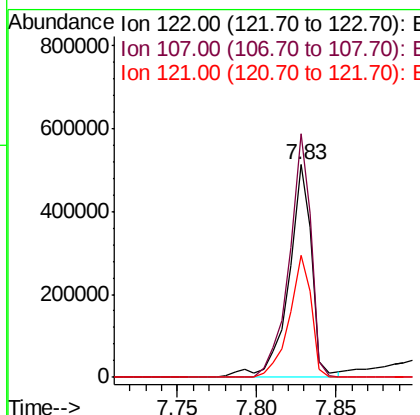
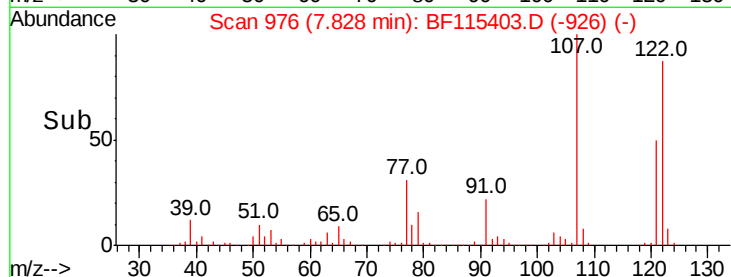
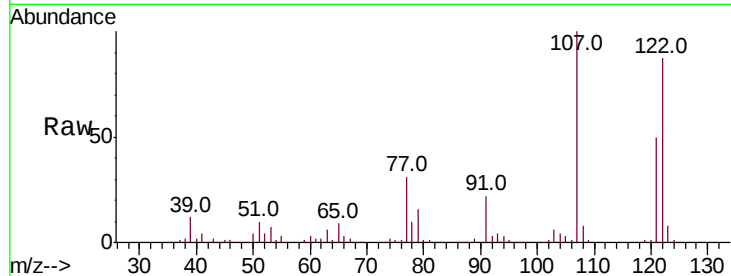
#27
2,4-Dimethylphenol
Concen: 51.347 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :
PB121094BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	511268		
107	114.6		89.4	134.2
121	57.5		46.6	69.8

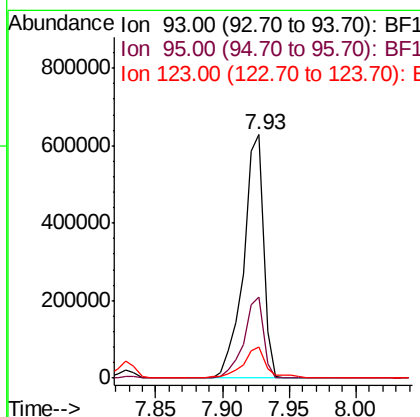
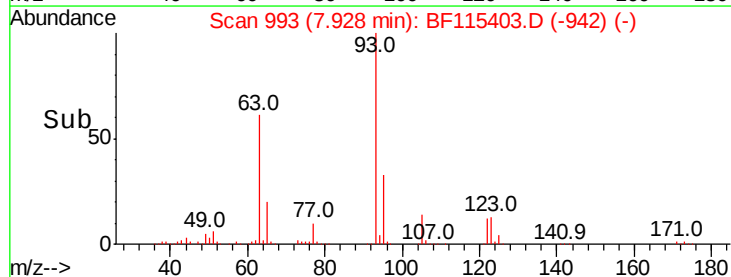
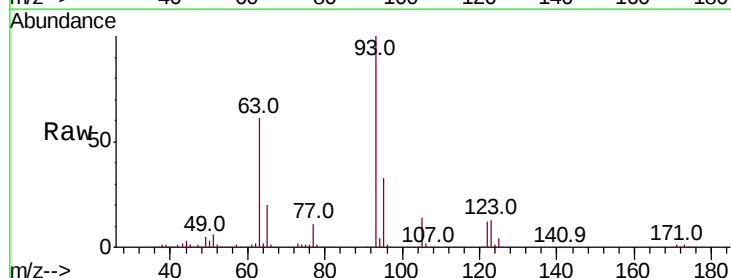
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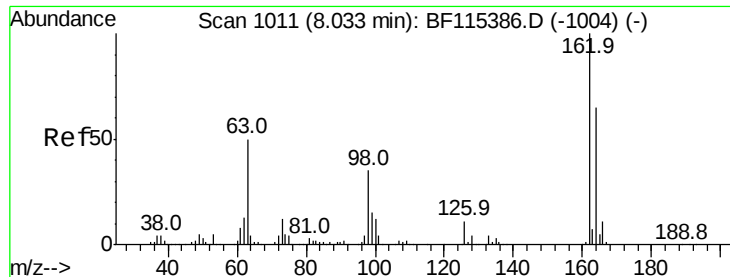
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.153 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	648670		
95	33.3		26.9	40.3
123	13.0		9.6	14.4





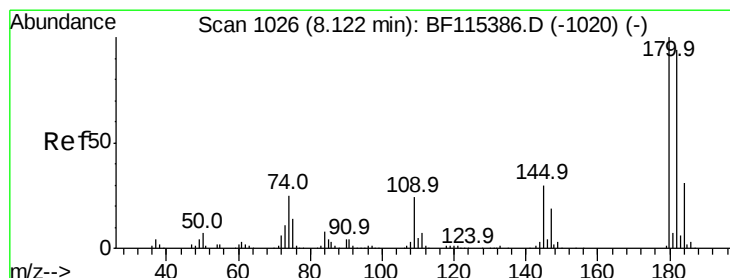
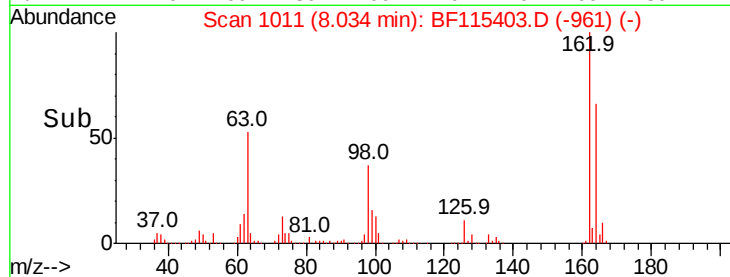
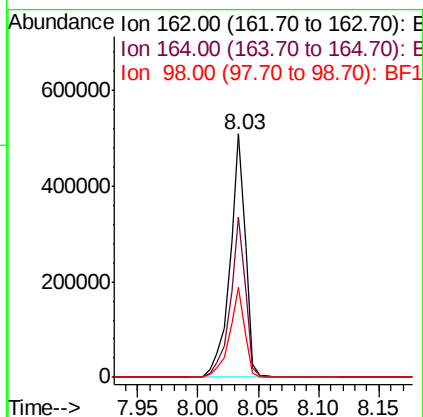
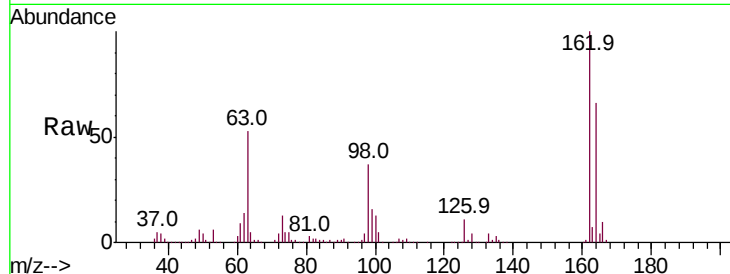
#29
2,4-Dichlorophenol
Concen: 45.626 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :
PB121094BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	452490		
164	66.0		44.5	84.5
98	37.1		15.2	55.2

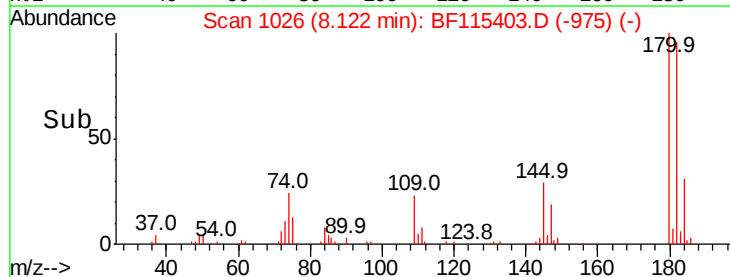
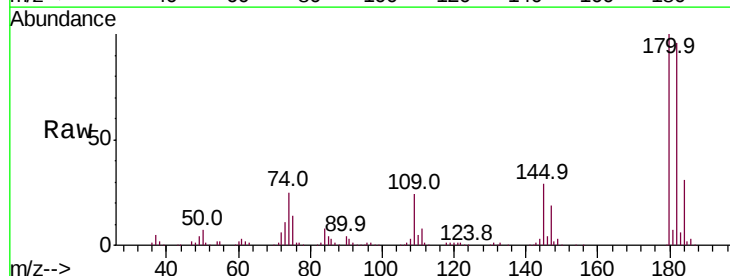
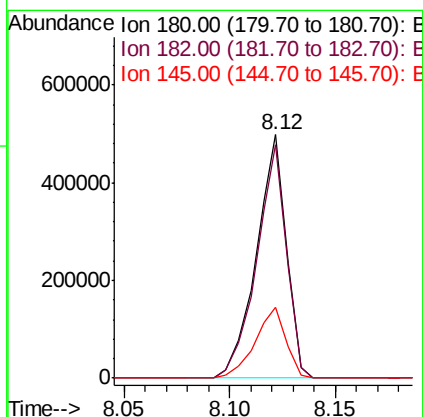
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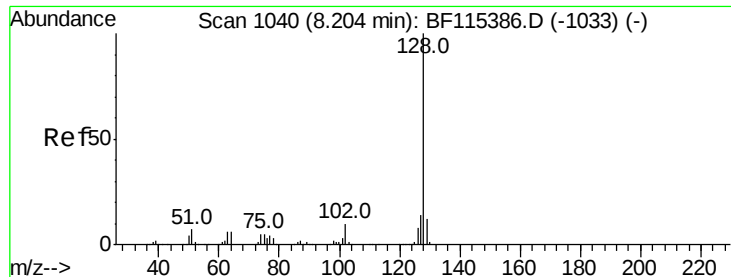
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.450 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	490747		
182	95.8		75.9	113.9
145	29.2		24.6	36.8





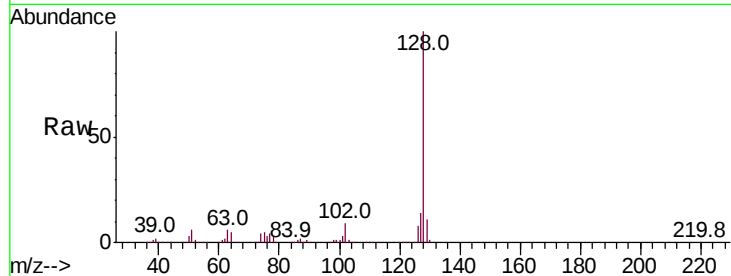
#31
Naphthalene
Concen: 45.526 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :
PB121094BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.6
127	13.9	11.5	17.3

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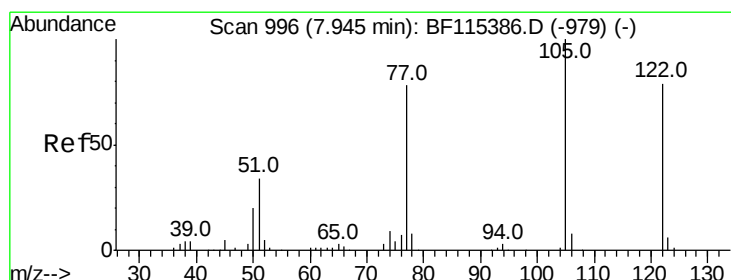
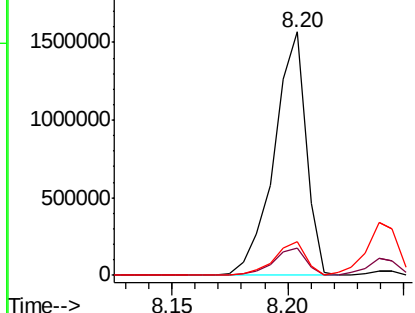
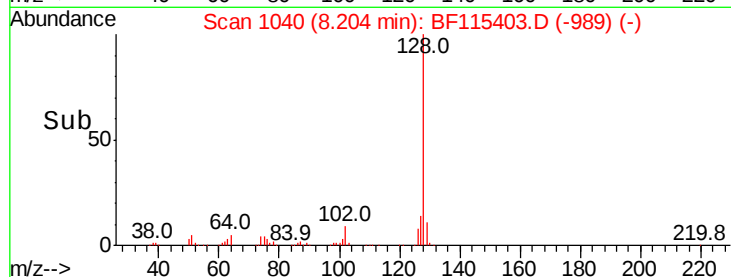


Abundance

Ion 128.00 (127.70 to 128.70): E

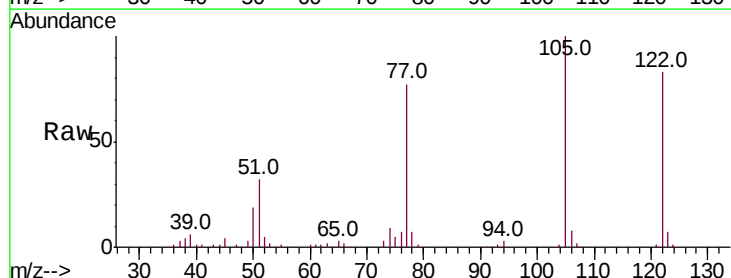
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 47.864 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.0	102.2	142.2
77	92.5	73.6	113.6

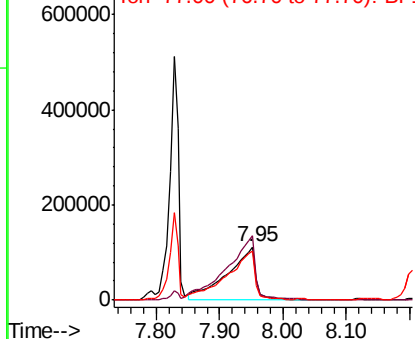
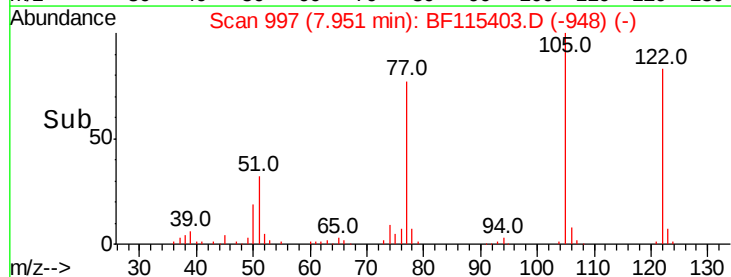


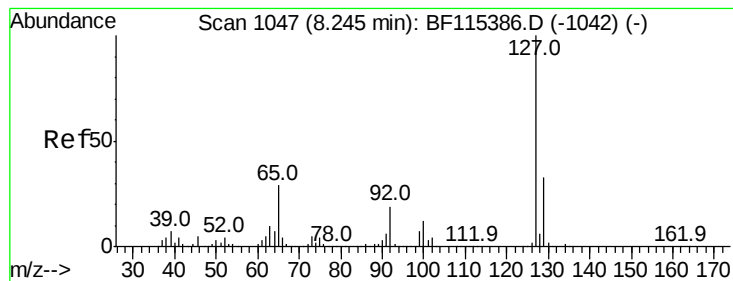
Abundance

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





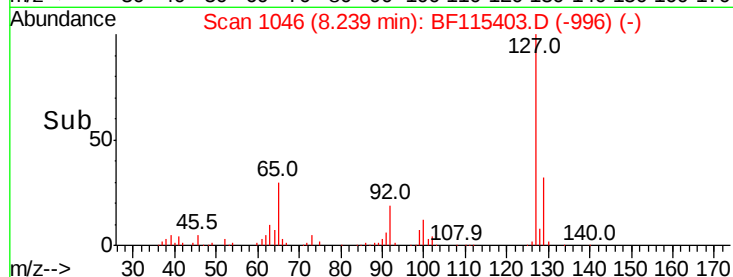
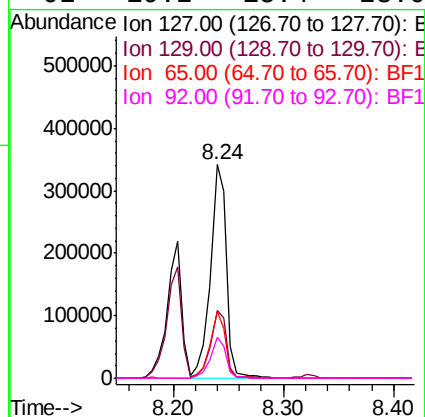
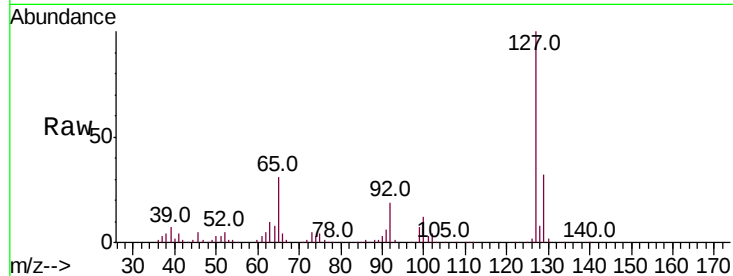
#33
4-Chloroaniline
Concen: 22.567 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleID :
PB121094BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	26.3	39.5	
65	31.1	24.5	36.7	
92	19.2	15.4	23.0	

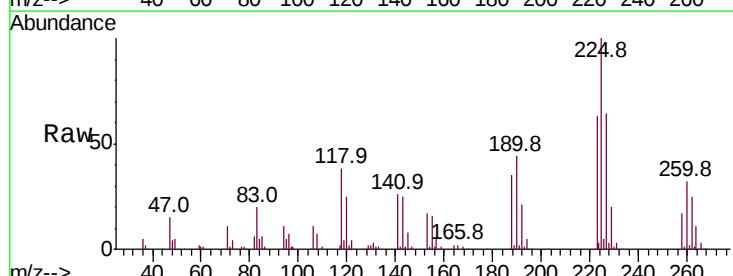
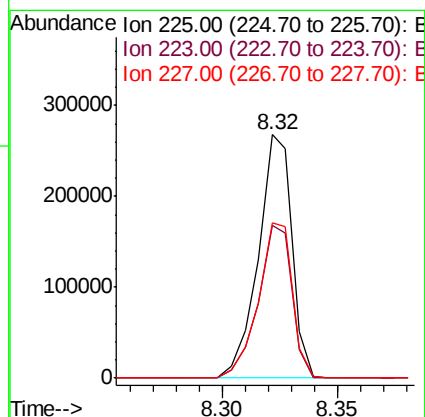
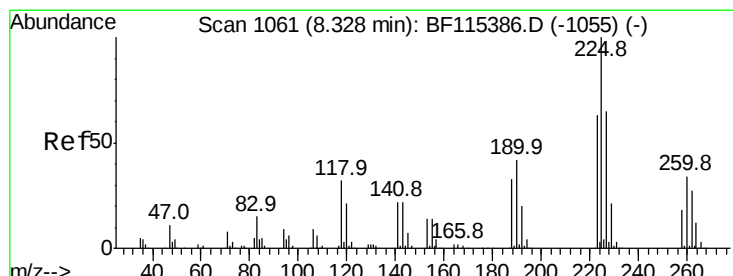
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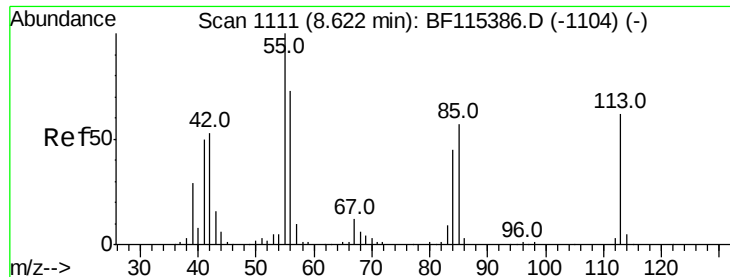
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#34
Hexachlorobutadiene
Concen: 43.506 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	50.6	75.8	
227	63.8	51.8	77.8	





#35

Caprolactam

Concen: 44.785 ng/mL

RT: 8.61 min Scan# 1109

Delta R.T. -0.02 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampleId :

PB121094BSD

Tot Ion:113 Resp: 144656

Ion Ratio Lower Upper

113 100

55 160.3 135.8 175.8

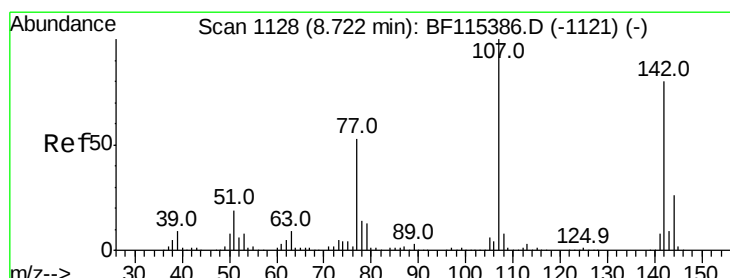
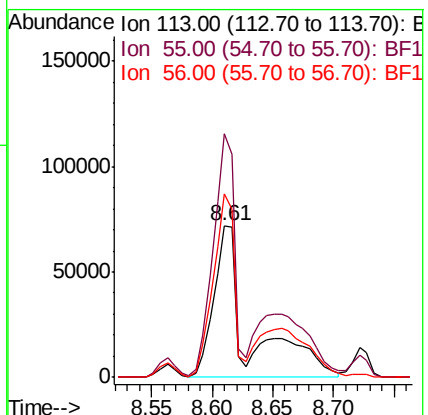
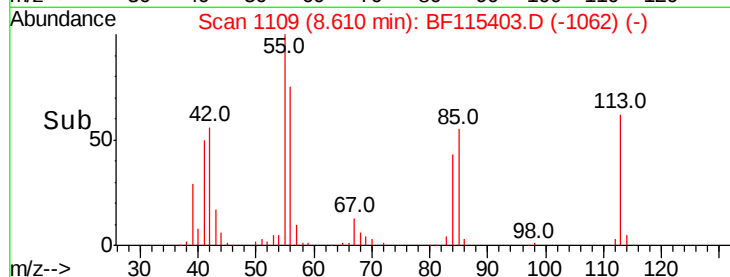
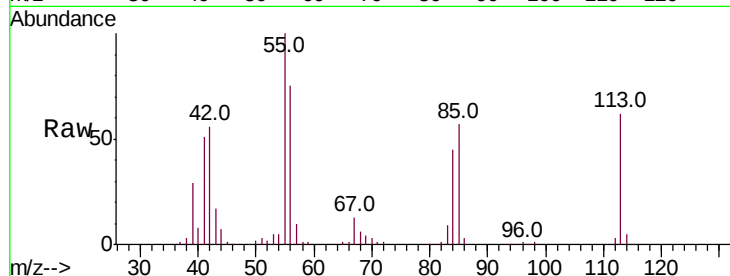
56 120.7 95.4 135.4

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#36

4-Chloro-3-methylphenol

Concen: 44.867 ng/mL

RT: 8.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

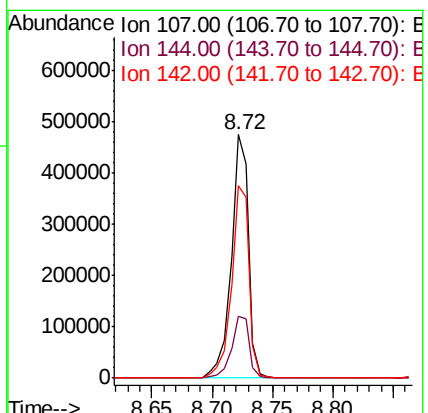
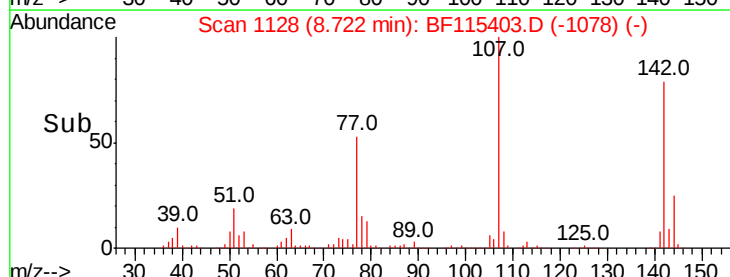
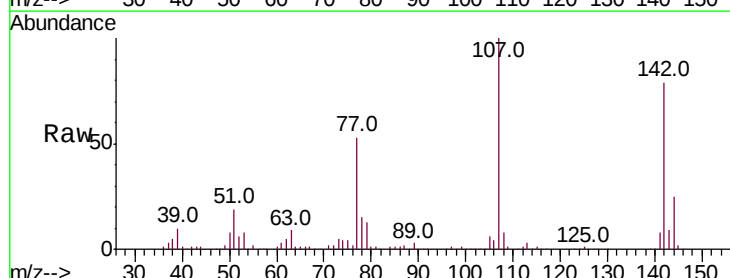
Tgt Ion:107 Resp: 470648

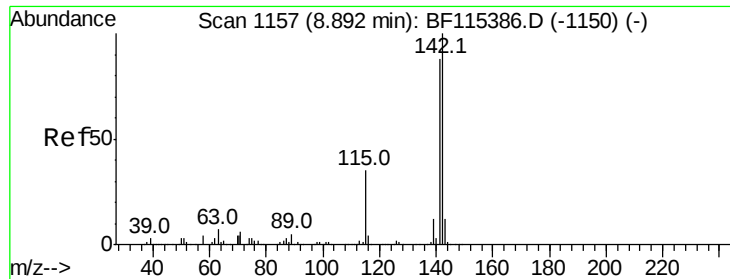
Ion Ratio Lower Upper

107 100

144 25.3 21.0 31.6

142 79.2 64.2 96.2





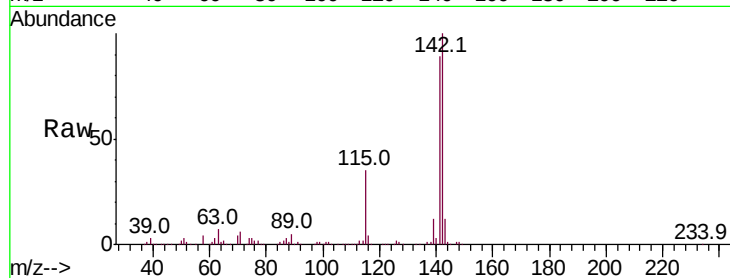
#37
2-Methylnaphthalene
Concen: 45.973 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampled :
PB121094BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.6	106.0
115	34.5	27.2	40.8

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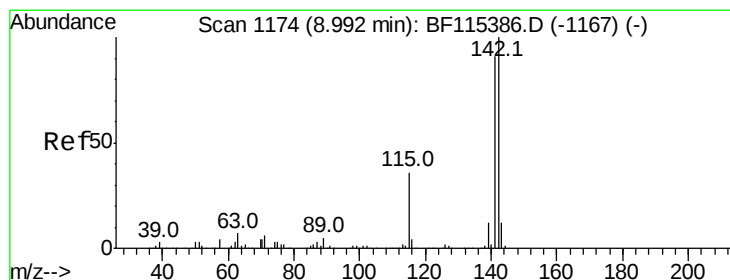
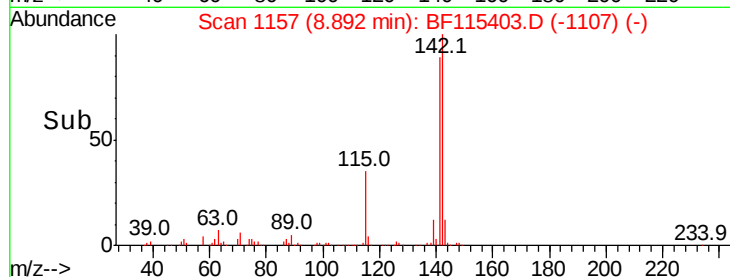
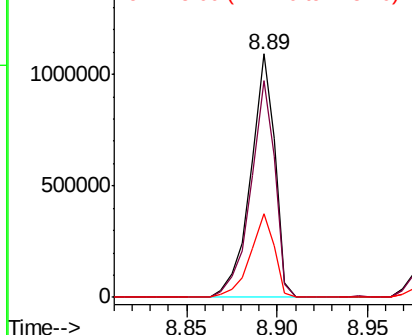


Abundance

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: 44.951 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

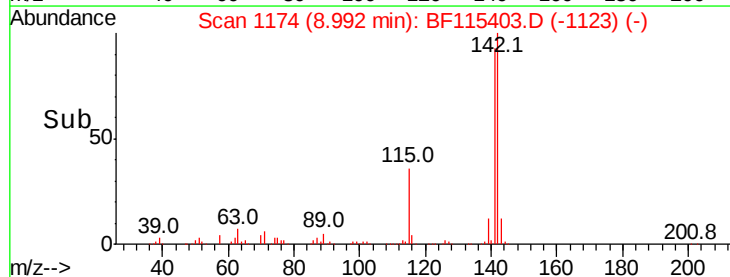
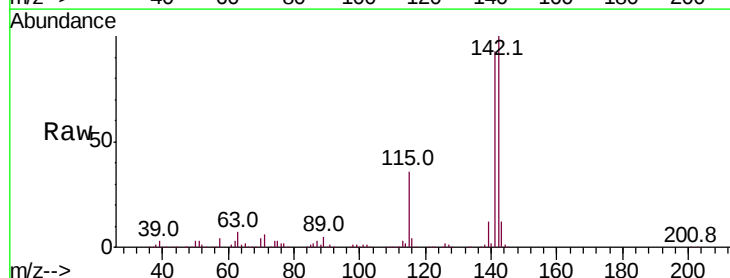
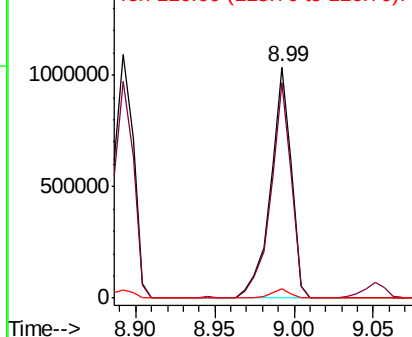
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.3	108.5
116	3.9	3.1	4.7

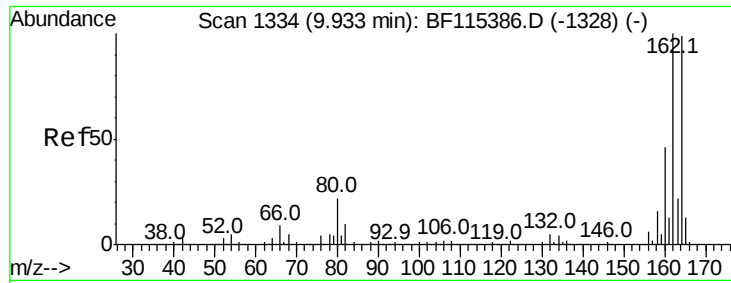
Abundance

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





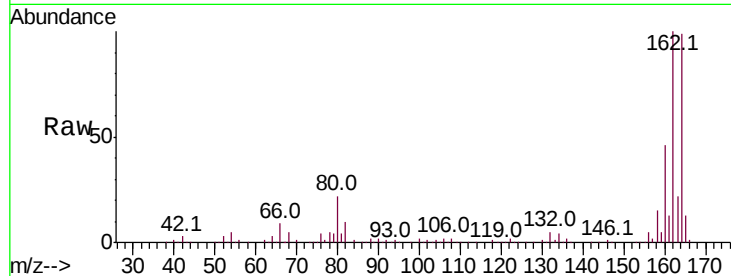
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :
PB121094BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.1	82.6	123.8	
160	46.2	37.5	56.3	

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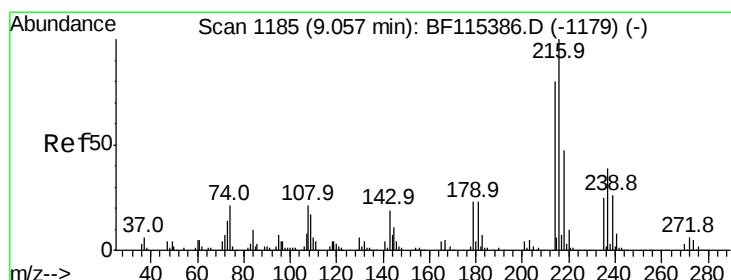
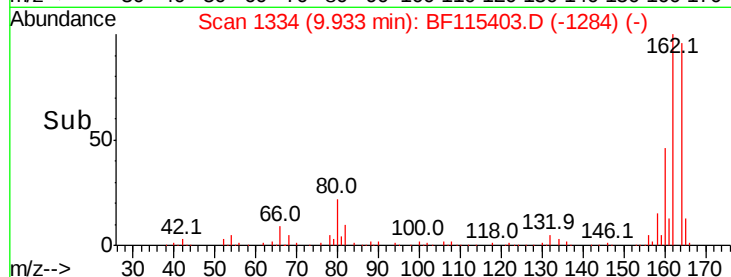
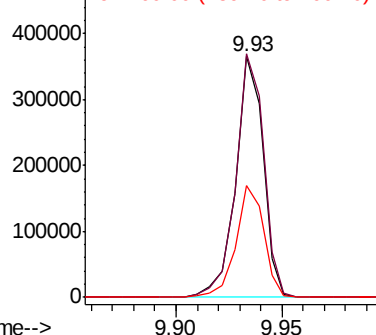


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.291 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.7	95.5	
179	21.9	17.5	26.3	
108	22.0	16.6	25.0	

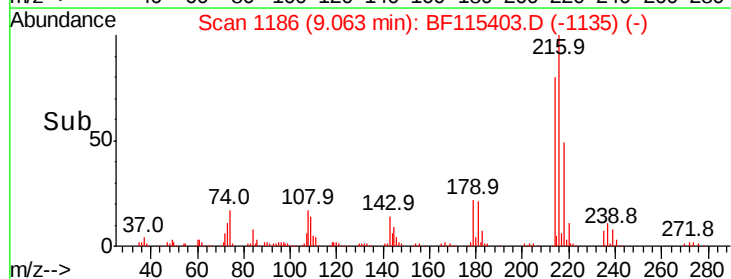
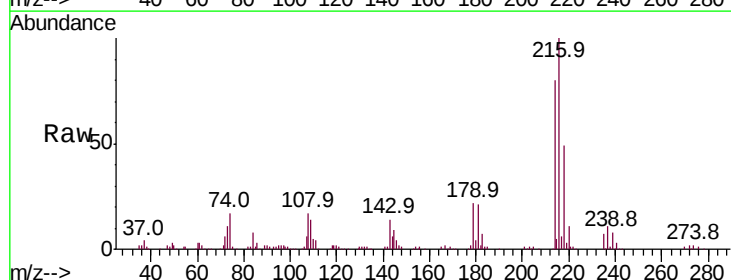
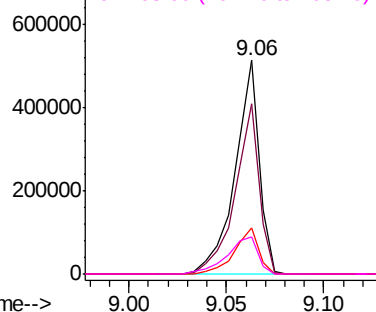
Abundance

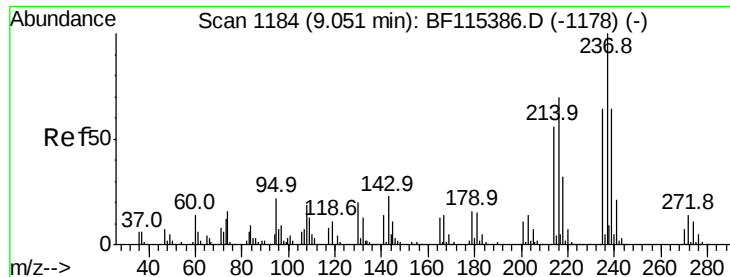
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





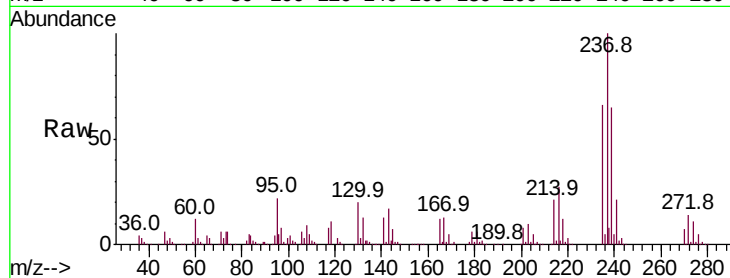
#41
Hexachlorocyclopentadiene
Concen: 95.540 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :
PB121094BSD

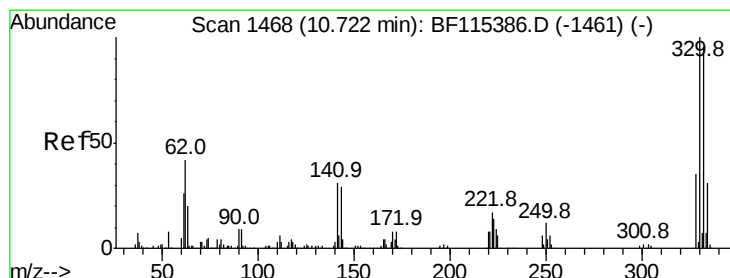
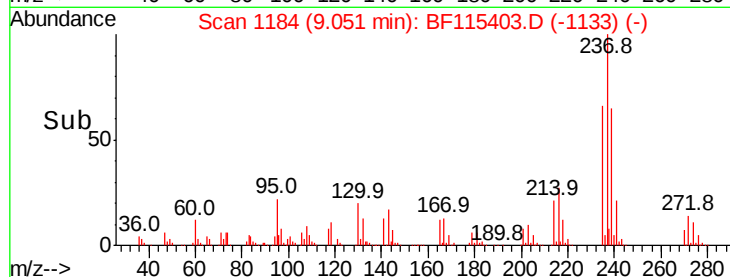
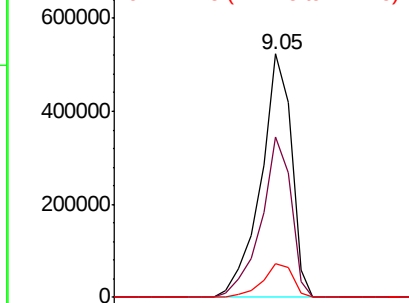
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	65.8	43.5	83.5
272	13.7	0.0	33.3

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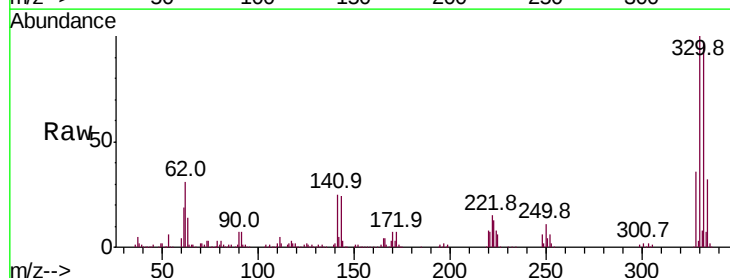


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

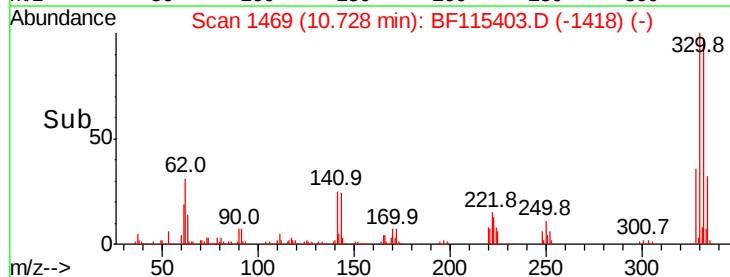
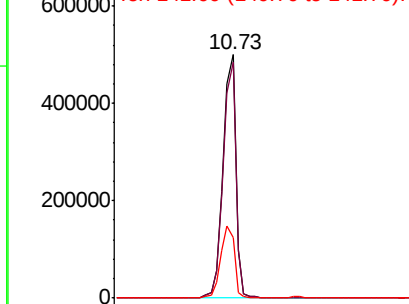


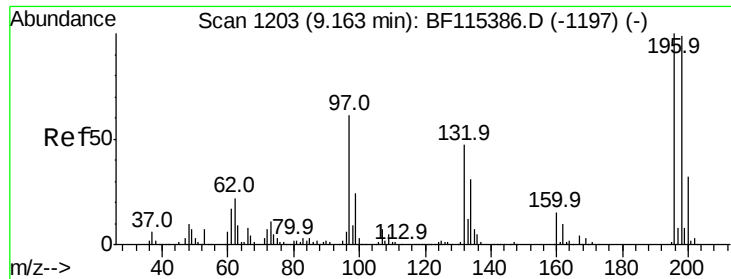
#42
2,4,6-Tribromophenol
Concen: 130.904 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.6	77.5	116.3
141	31.7	25.8	38.6



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





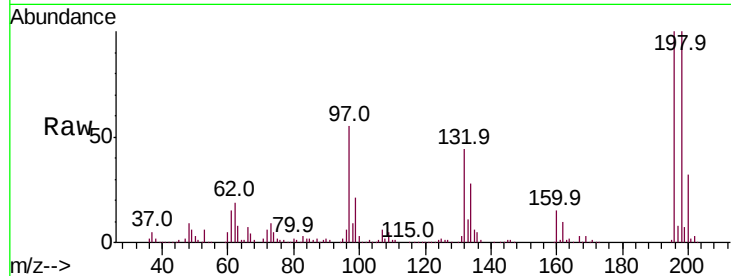
#43
 2,4,6-Trichlorophenol
 Concen: 47.096 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Instrument :
 BNA_F
 ClientSampleID :
 PB121094BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	327443		
198	99.6	79.8	119.8	
200	32.0	25.6	38.4	

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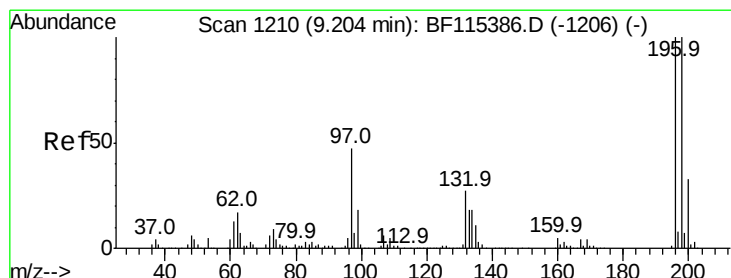
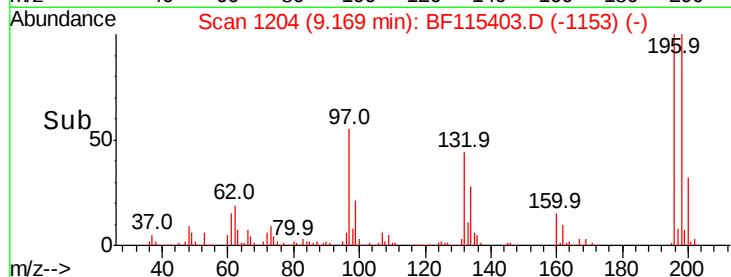
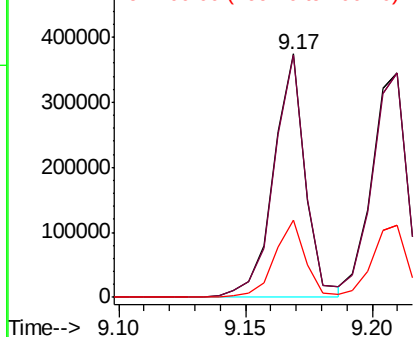


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 46.984 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	338726		
198	99.8	79.0	118.4	
97	44.4	37.3	55.9	
132	27.2	21.9	32.9	

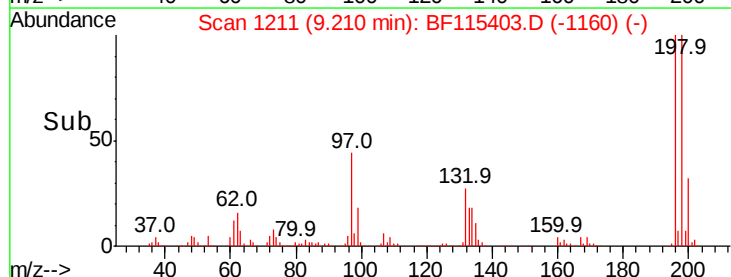
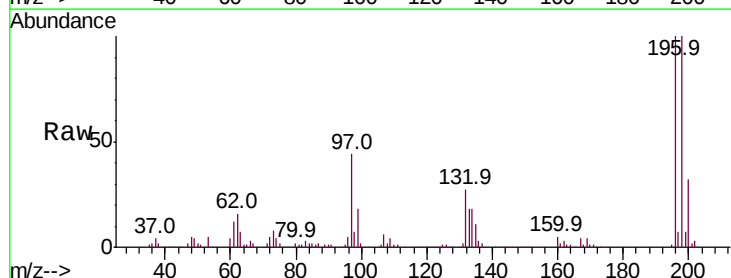
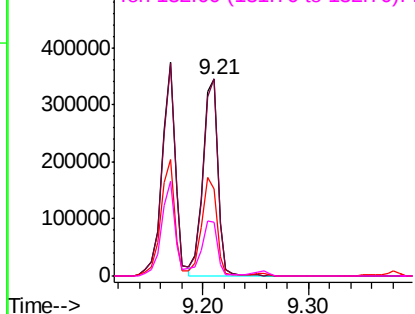
Abundance

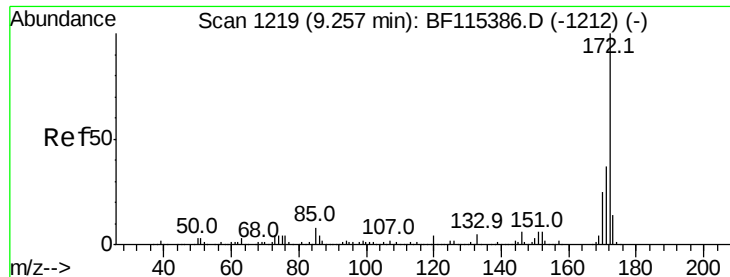
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





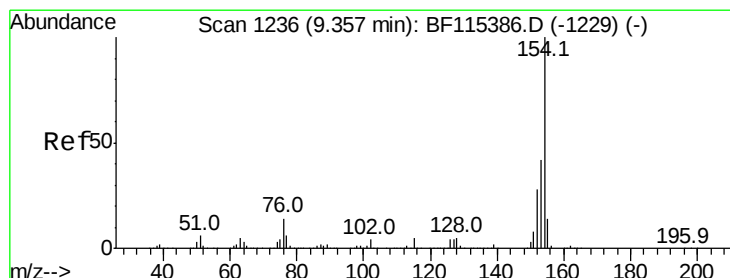
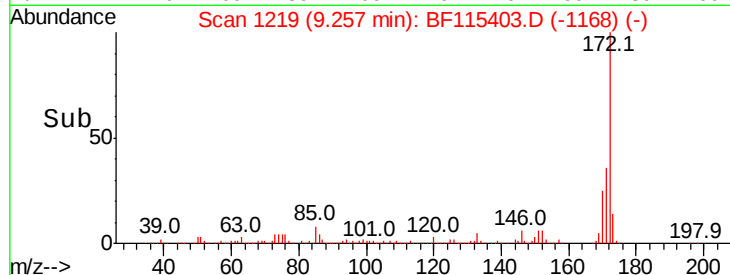
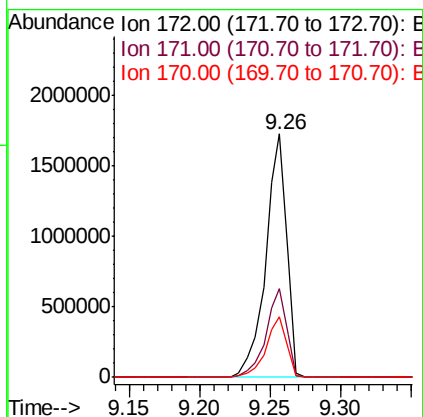
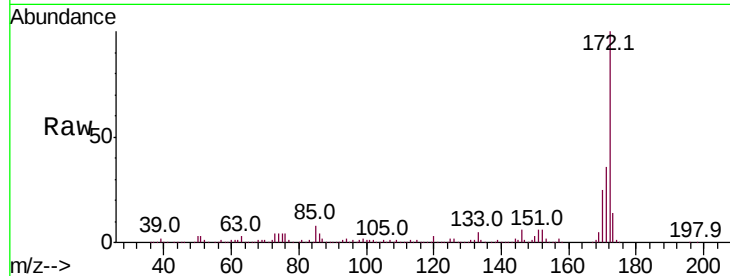
#45
2-Fluorobiphenyl
Concen: 95.053 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :
PB121094BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	25.0	20.2	30.2

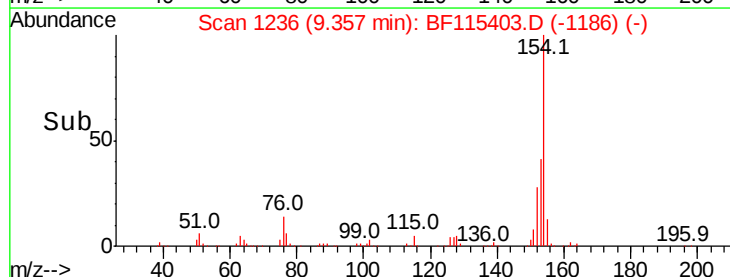
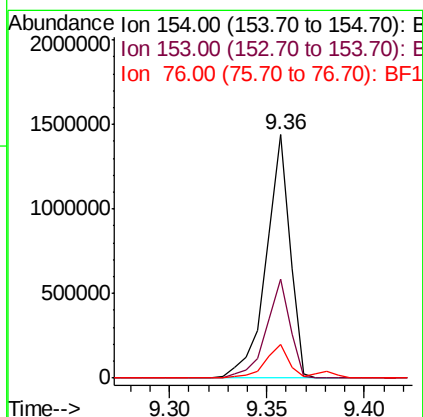
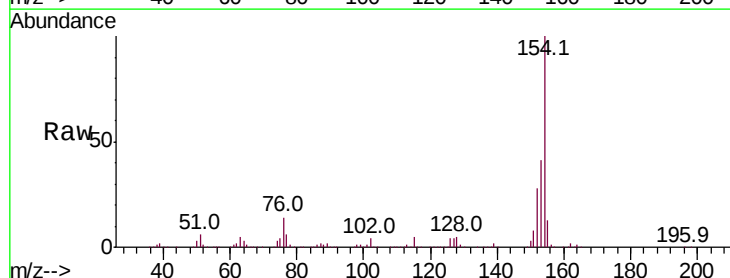
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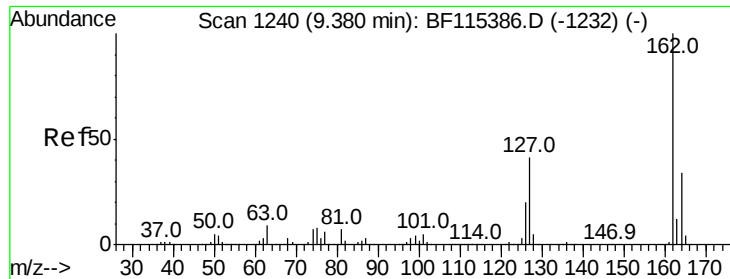
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#46
1,1'-Biphenyl
Concen: 46.741 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	14.0	0.0	32.9





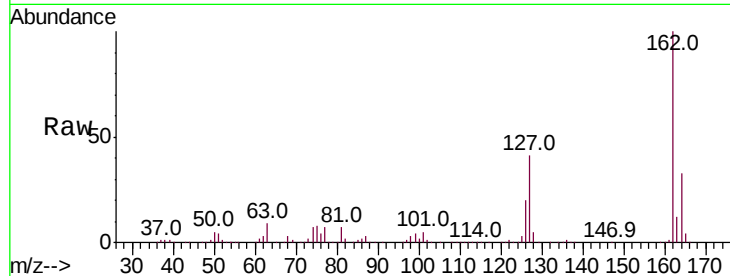
#47
 2-Chloronaphthalene
 Concen: 44.957 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Instrument :
 BNA_F
 ClientSampled :
 PB121094BSD

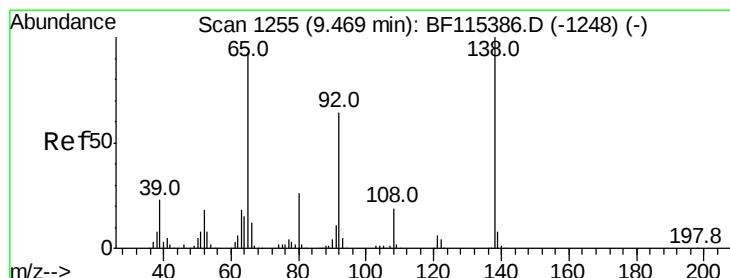
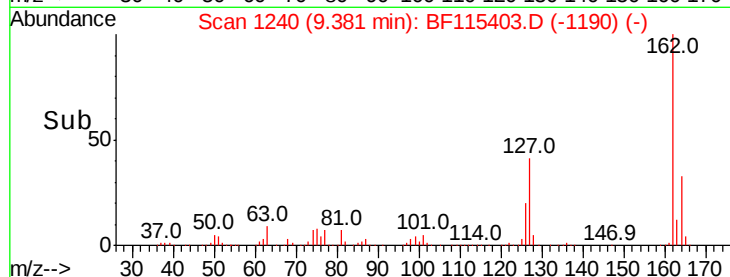
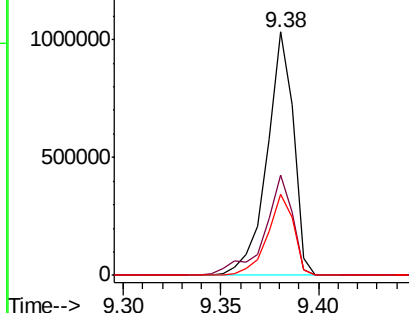
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	41.4	32.3	48.5
164	33.3	27.1	40.7

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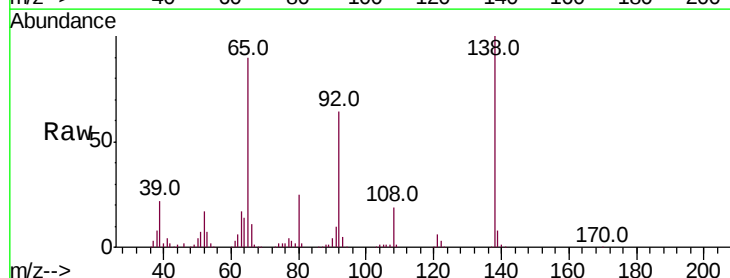


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

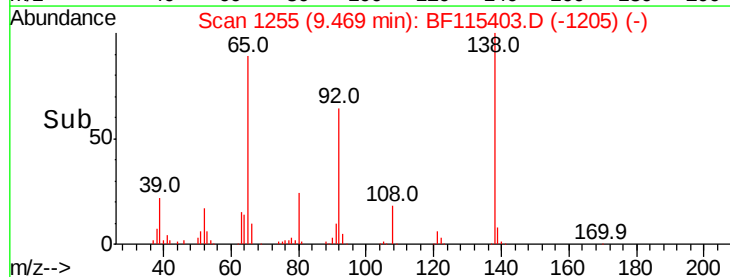
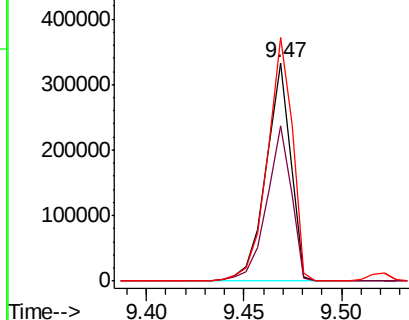


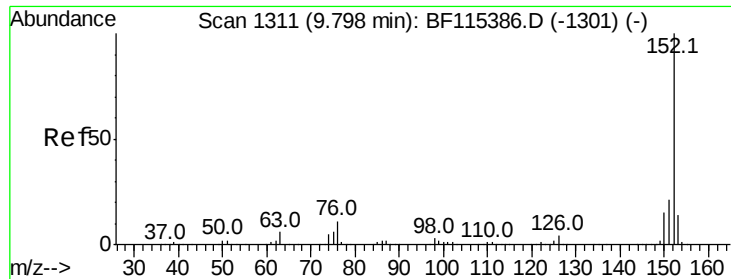
#48
 2-Nitroaniline
 Concen: 46.221 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	71.3	56.9	85.3
138	111.7	93.3	139.9



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: 45.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampleId :

PB121094BSD

Tot Ion:152 Resp: 1469522

Ion Ratio Lower Upper

152 100

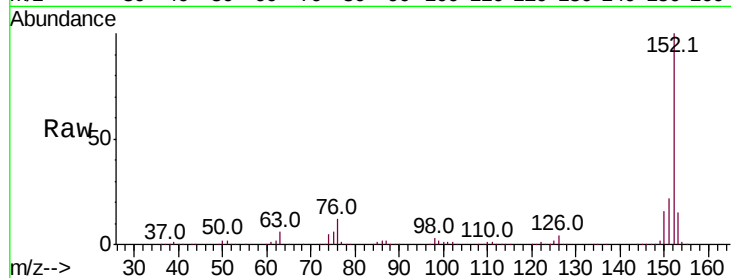
151 21.5 16.9 25.3

153 14.7 11.2 16.8

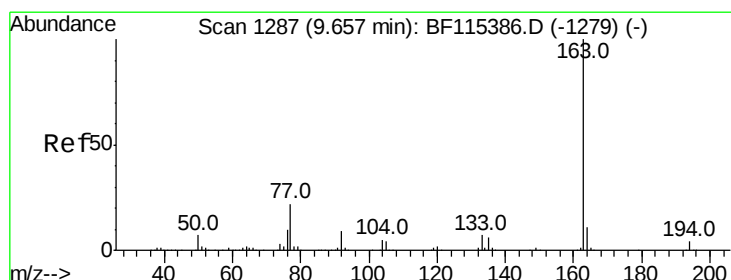
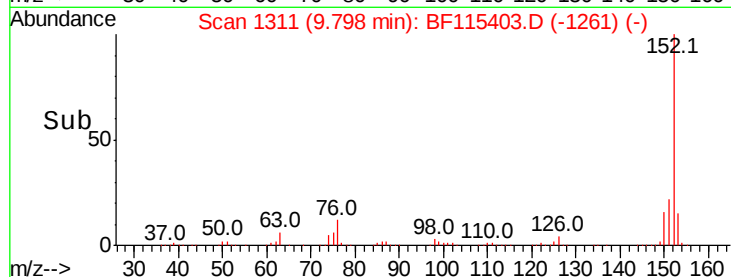
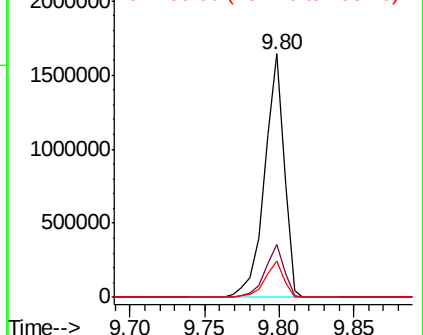
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.333 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

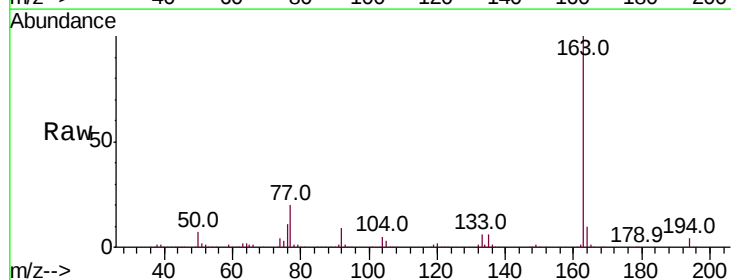
Tgt Ion:163 Resp: 1104593

Ion Ratio Lower Upper

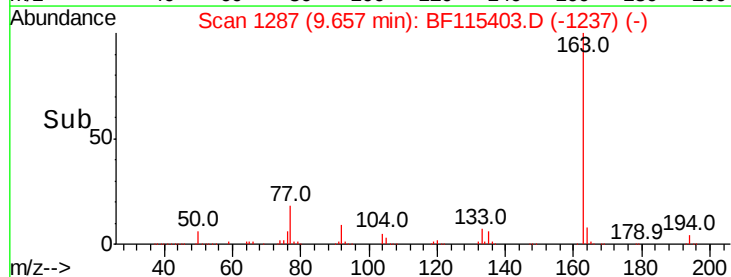
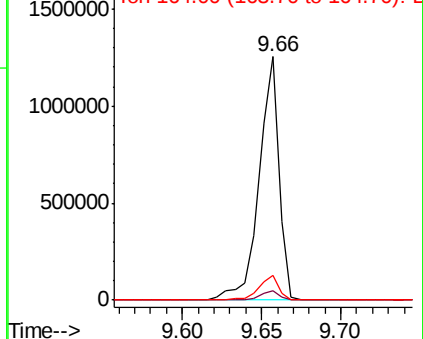
163 100

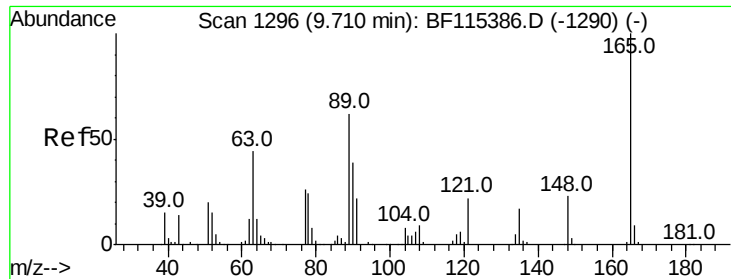
194 4.1 3.3 4.9

164 10.2 8.3 12.5



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





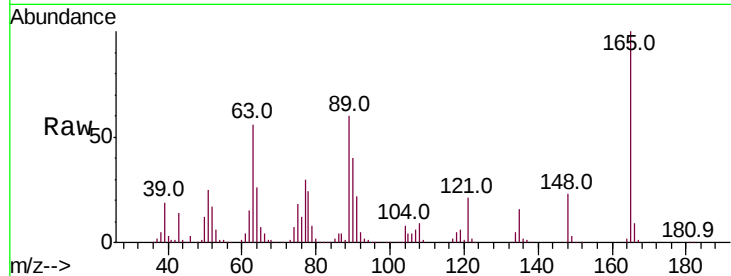
#51
 2,6-Dinitrotoluene
 Concen: 46.991 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB121094BSD

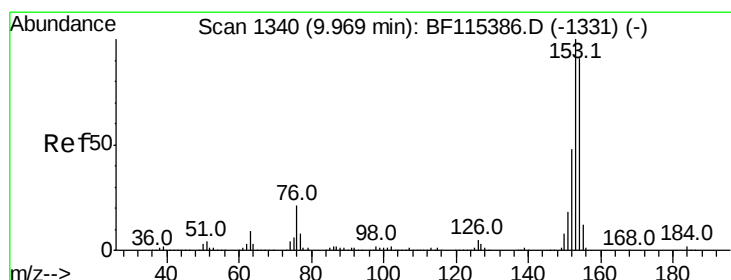
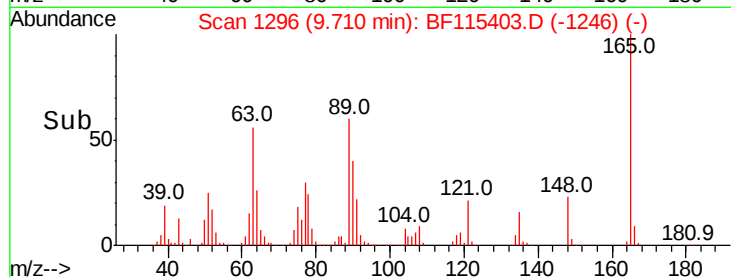
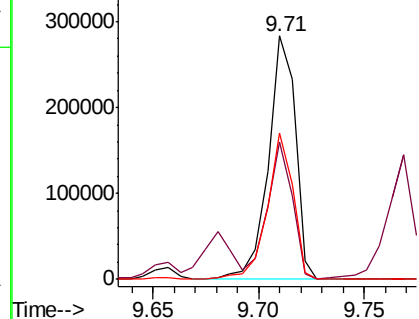
Tot Ion	Ratio	Resp	Lower	Upper
165	100	253923		
63	56.3		45.1	67.7
89	60.0		48.3	72.5

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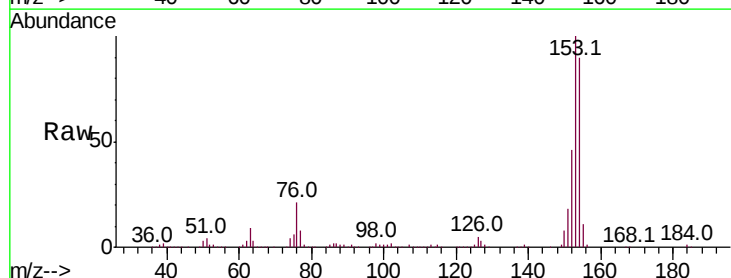


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

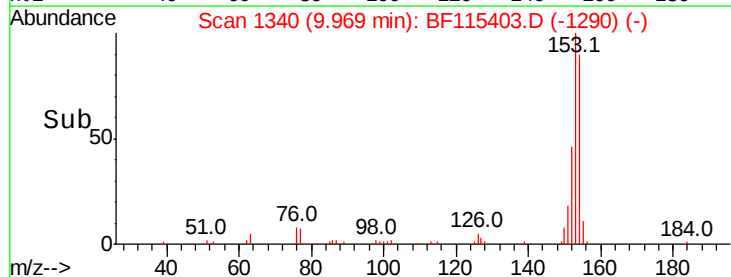
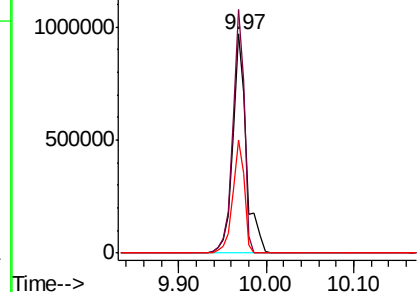


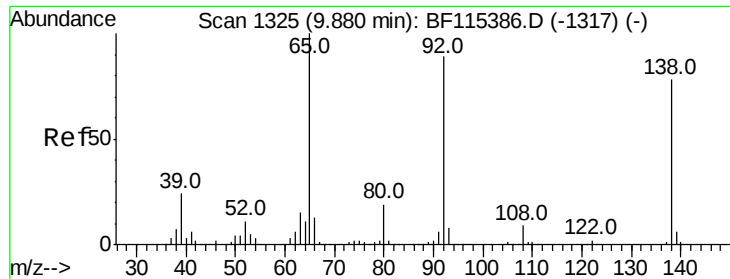
#52
 Acenaphthene
 Concen: 50.025 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1028130		
153	111.1		88.6	133.0
152	51.3		42.5	63.7



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





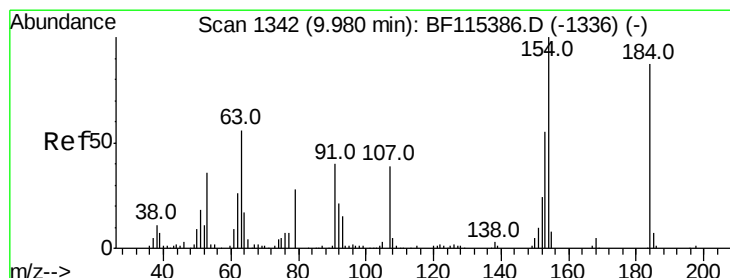
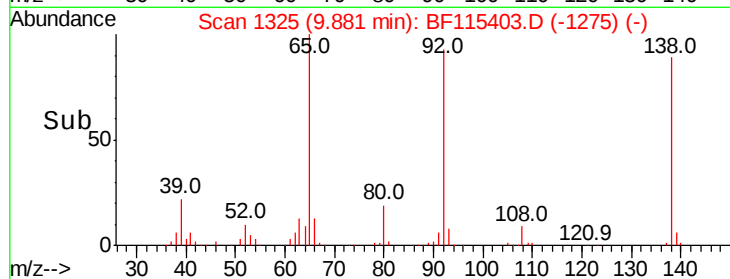
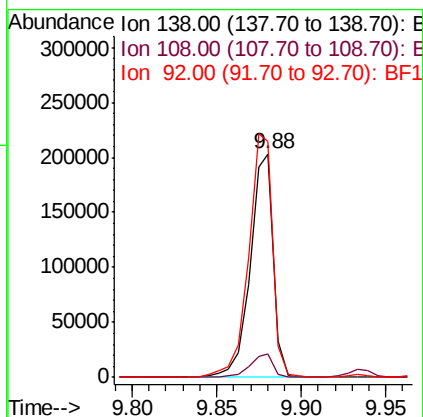
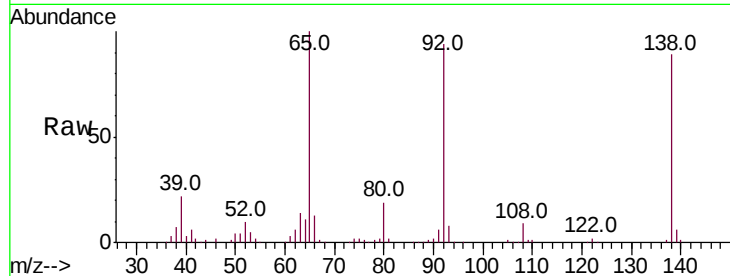
#53
3-Nitroaniline
Concen: 30.907 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :
PB121094BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.3	12.5
92	105.7	89.6	134.4

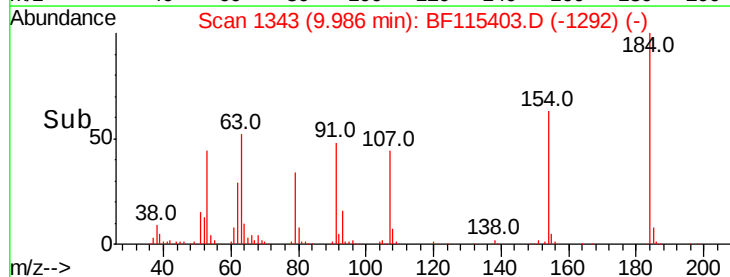
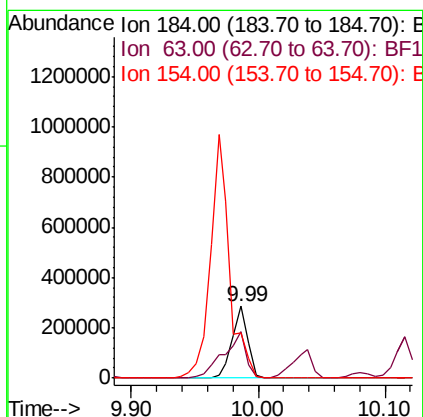
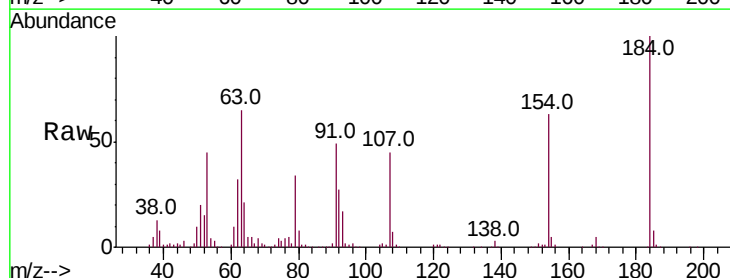
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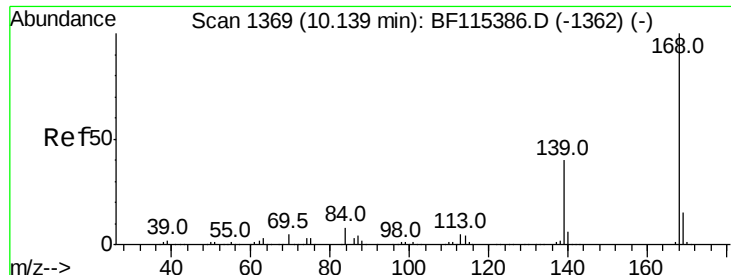
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#54
2,4-Dinitrophenol
Concen: 100.792 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.6	51.7	77.5
154	63.2	55.8	83.8





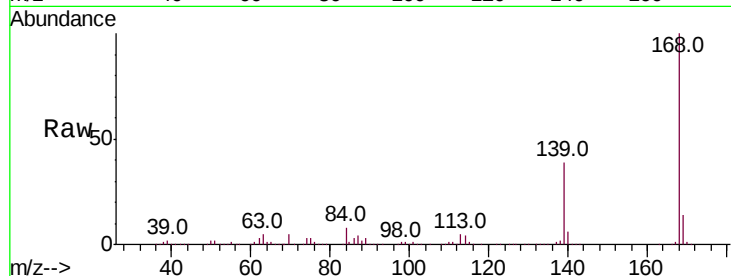
#55
Dibenzofuran
Concen: 45.715 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :
PB121094BSD

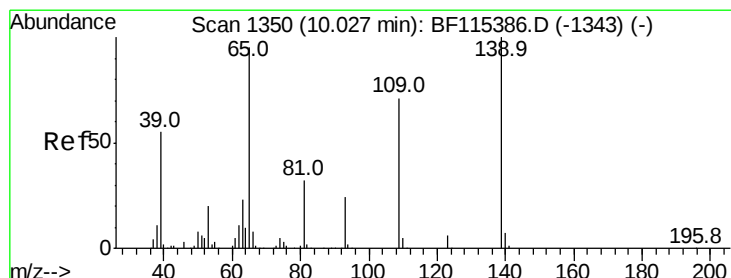
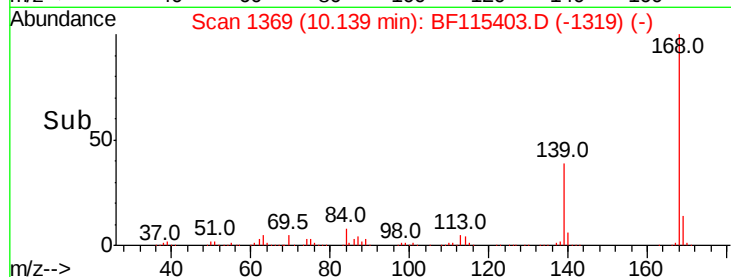
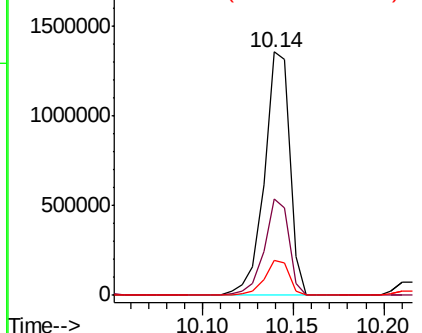
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.7	47.5
169	14.4	11.4	17.0

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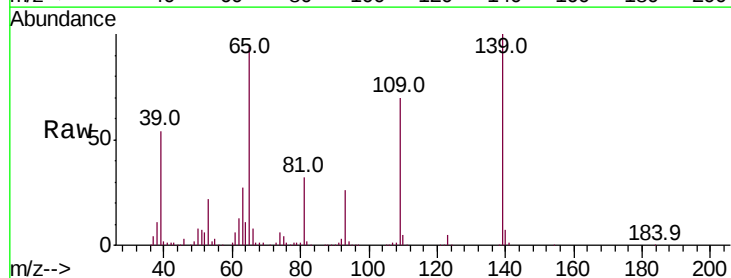


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

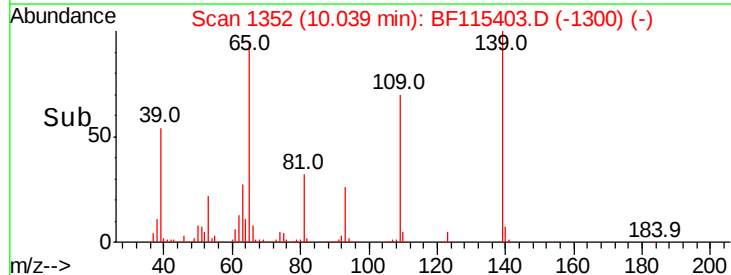
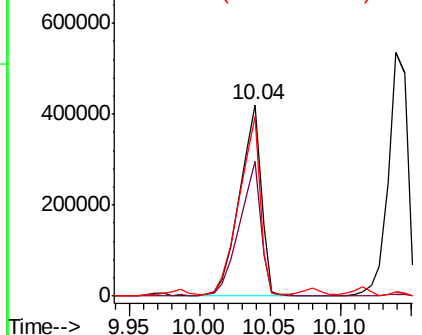


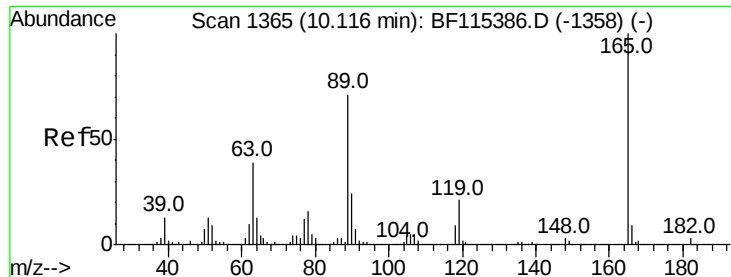
#56
4-Nitrophenol
Concen: 93.261 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.5	49.3	89.3
65	93.7	75.1	115.1



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





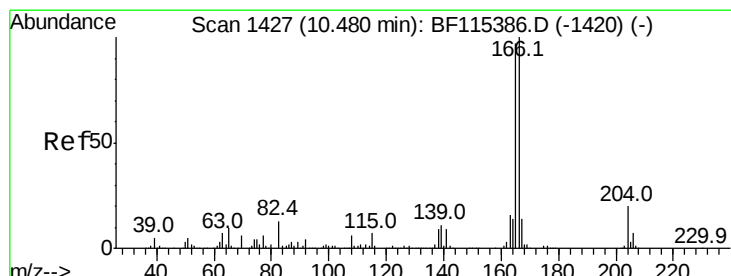
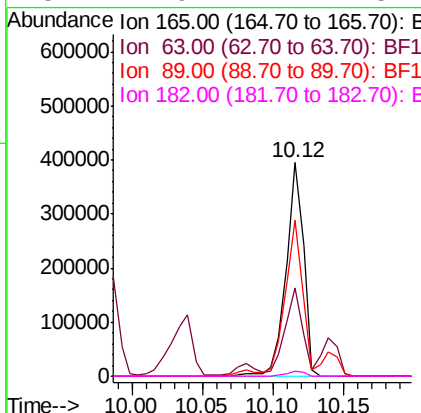
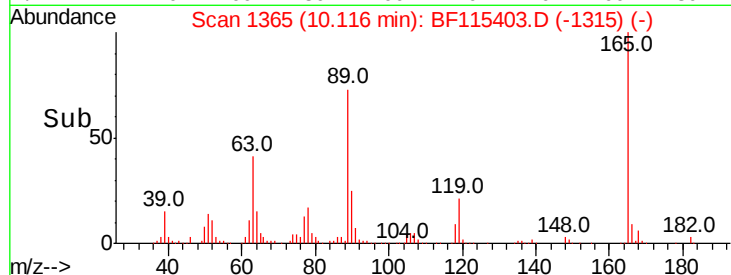
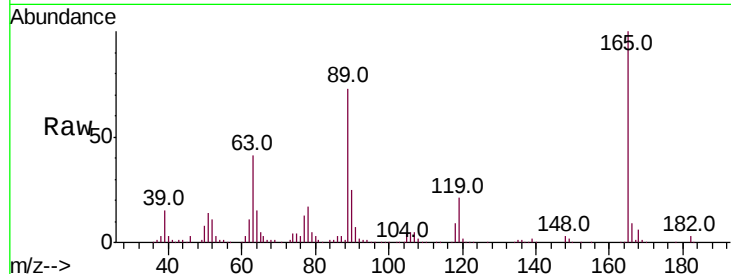
#57
 2,4-Dinitrotoluene
 Concen: 49.678 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB121094BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	41.5	30.0	45.0
89	72.9	54.8	82.2
182	2.6	2.1	3.1

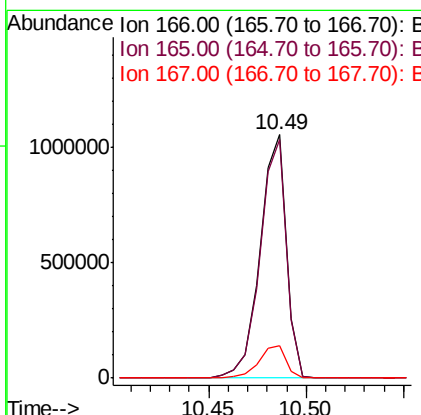
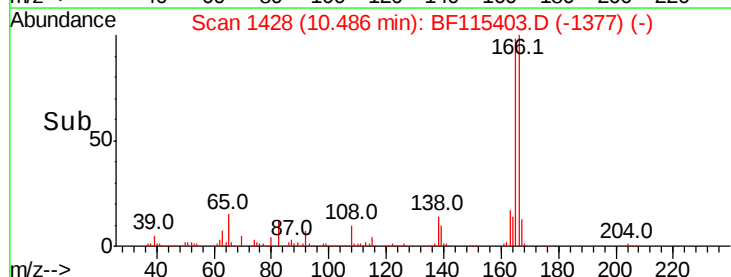
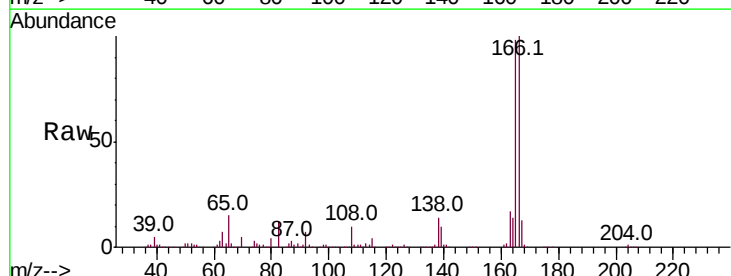
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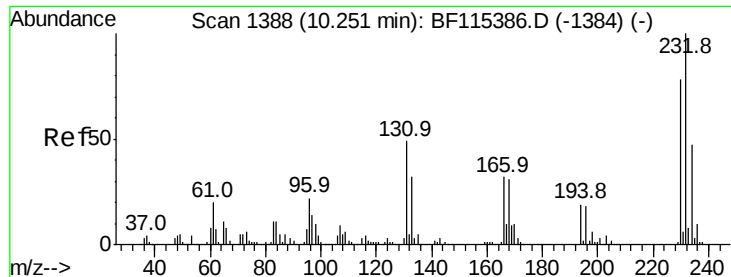
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#58
 Fluorene
 Concen: 43.119 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	97.8	79.1	118.7
167	13.4	11.2	16.8





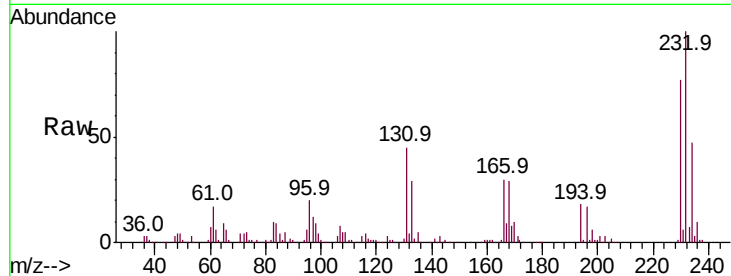
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.563 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB121094BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	289991		
131	45.7		35.9	53.9
130	2.2		1.8	2.6
166	30.5		24.0	36.0

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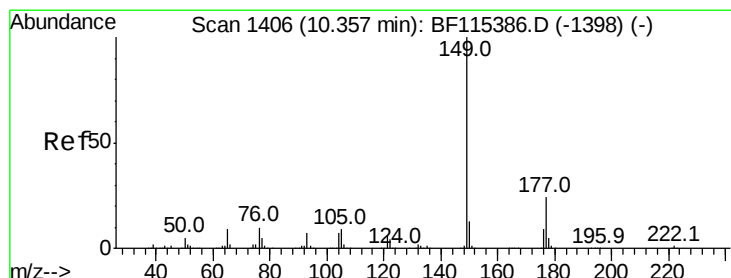
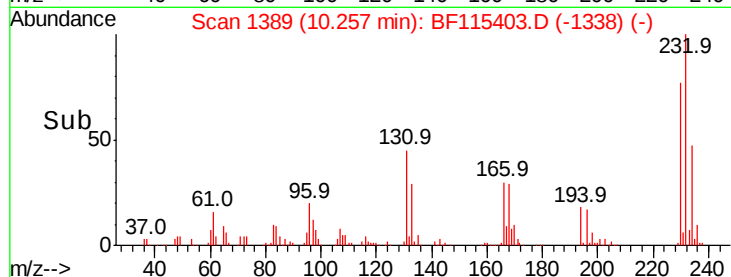
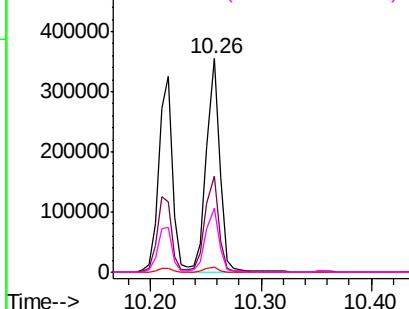
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

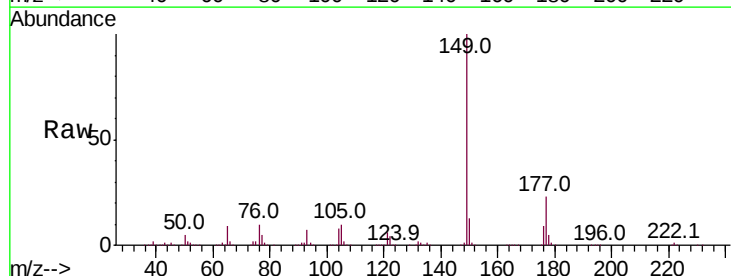
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.551 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1068072		
177	23.4		19.0	28.4
150	12.8		10.4	15.6

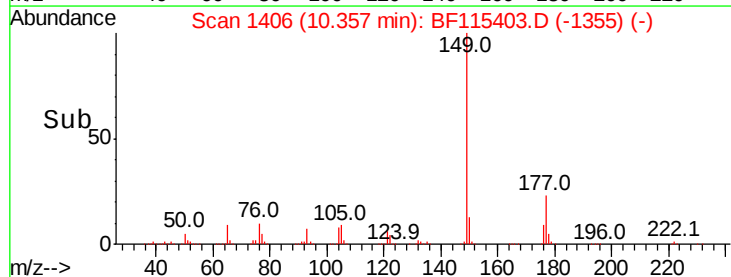
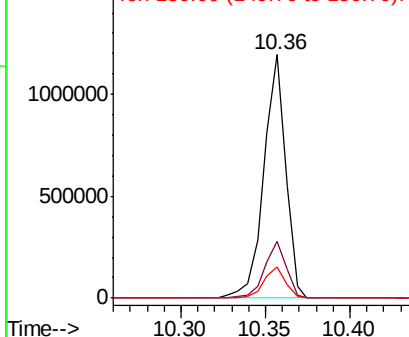


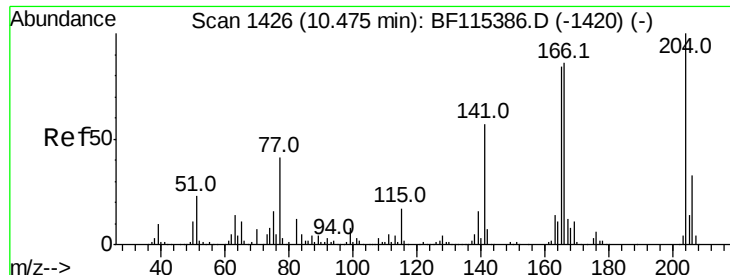
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





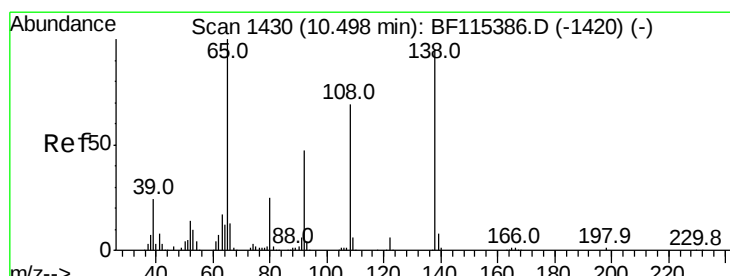
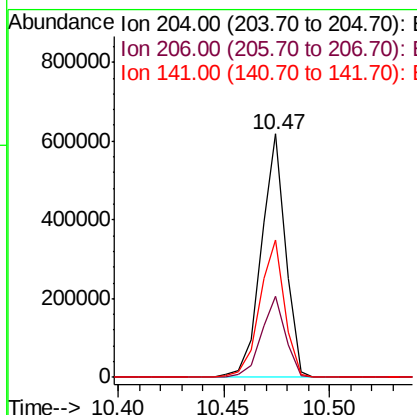
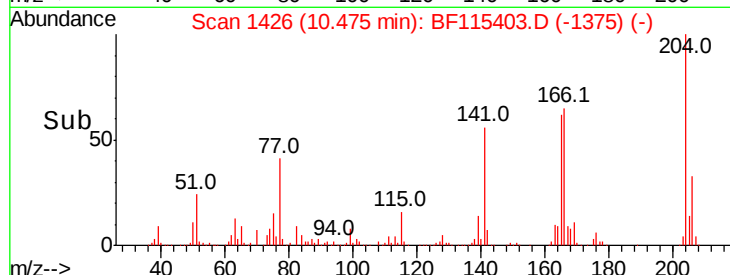
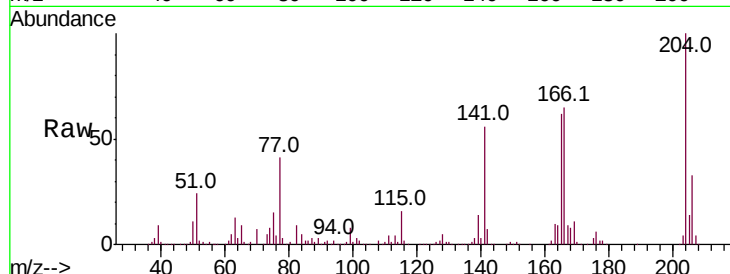
#61
 4-Chlorophenyl-phenylether
 Concen: 44.340 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB121094BSD

Tot Ion:	204	Resp:	493905
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.2	39.4
141	56.2	47.7	71.5

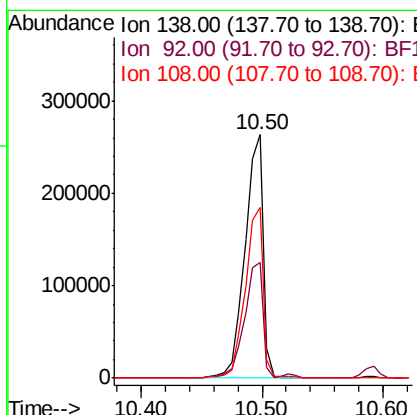
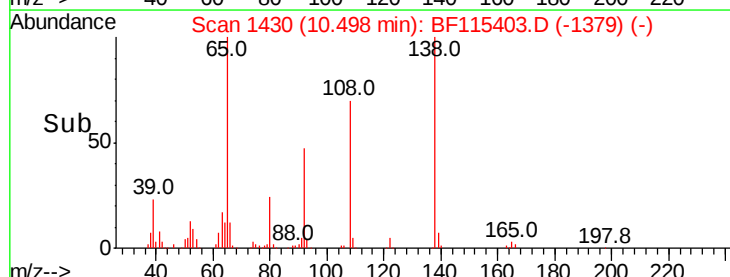
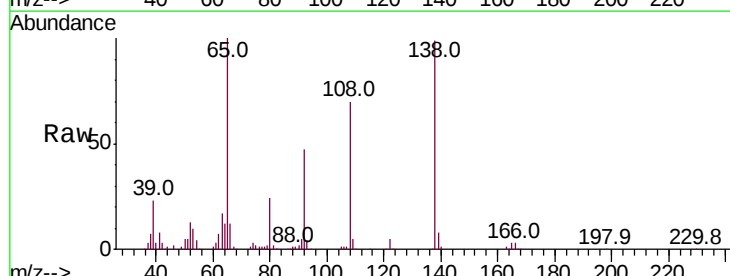
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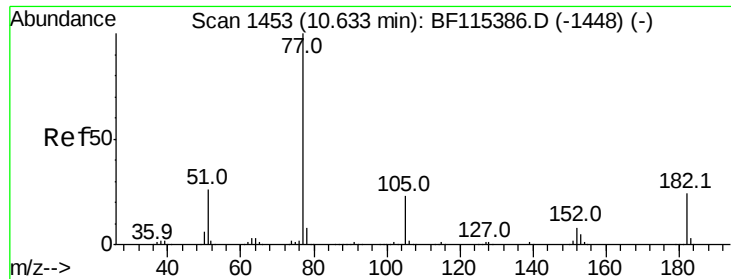
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#62
 4-Nitroaniline
 Concen: 45.158 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Tgt Ion:	138	Resp:	278198
Ion Ratio	Lower	Upper	
138	100		
92	47.3	30.6	70.6
108	70.3	53.3	93.3





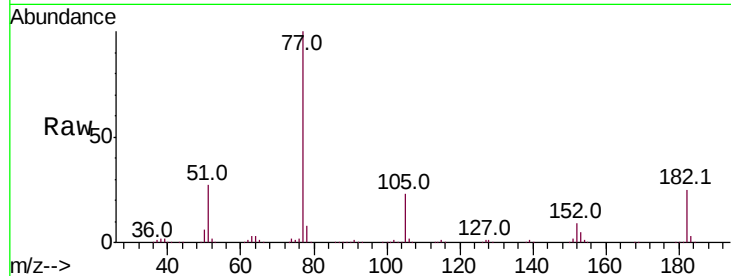
#63
Azobenzene
Concen: 43.624 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :
PB121094BSD

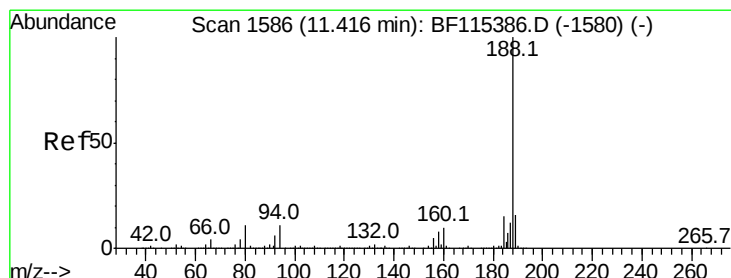
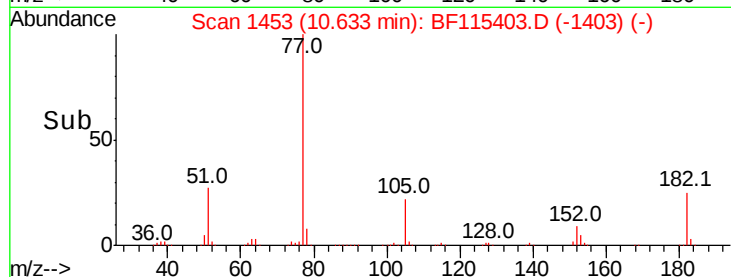
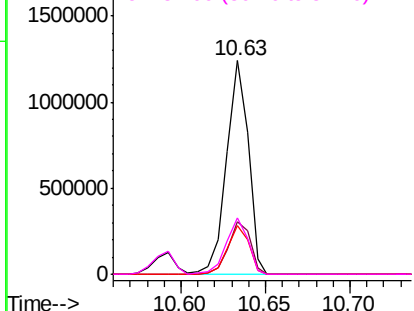
Tot Ion	Ratio	Lower	Upper
77	100		
182	24.6	8.8	48.8
105	22.8	3.9	43.9
51	26.6	6.0	46.0

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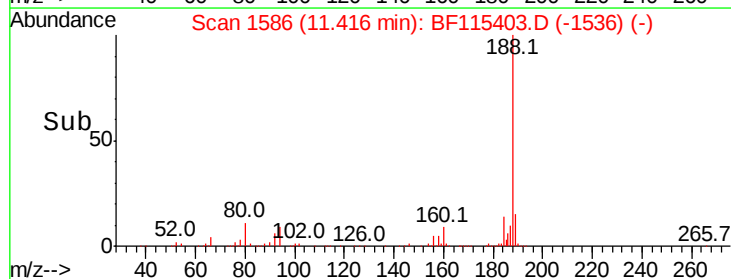
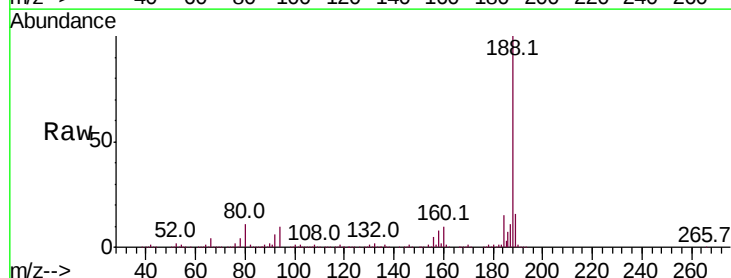
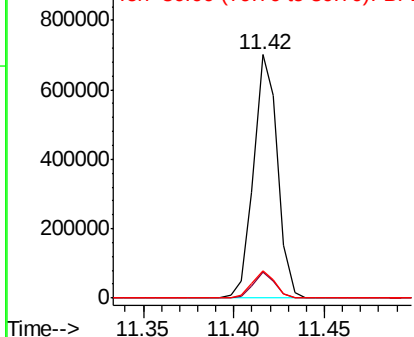
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

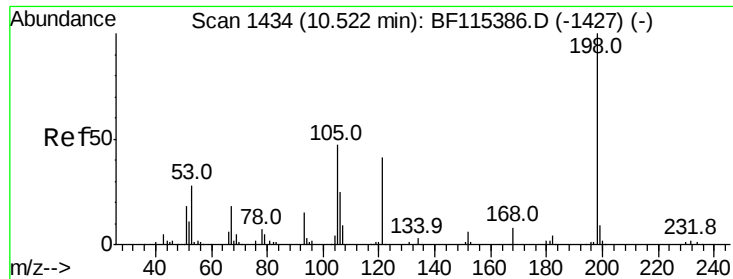


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.9	11.9
80	11.3	8.5	12.7

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: 52.015 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

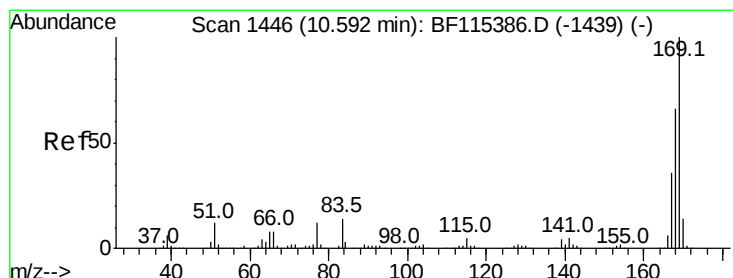
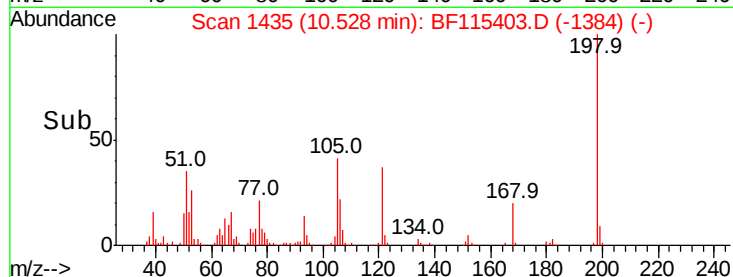
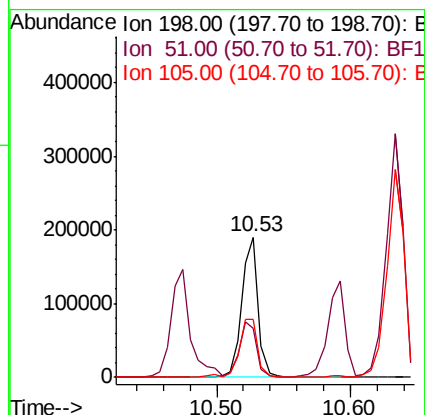
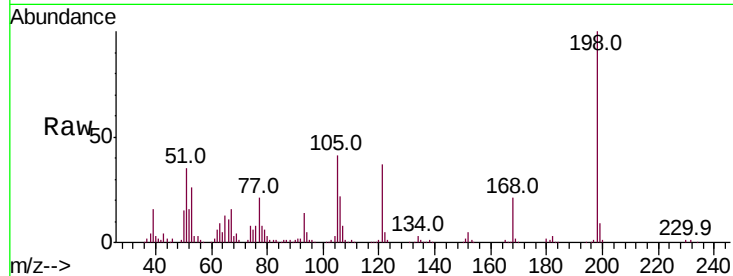
ClientSampleId :

PB121094BSD

Tot Ion:	198	Resp:	162361
Ion Ratio	Lower	Upper	
198	100		
51	35.2	28.1	68.1
105	40.9	29.4	69.4

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#66

n-Nitrosodiphenylamine

Concen: 45.481 ng

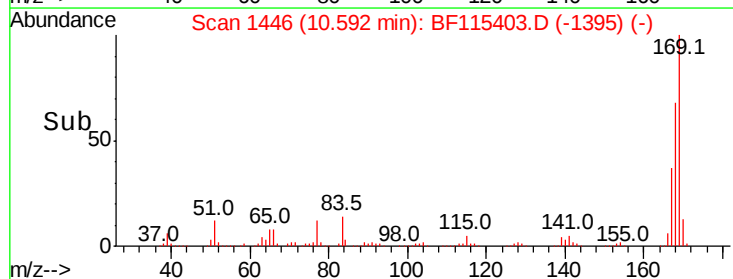
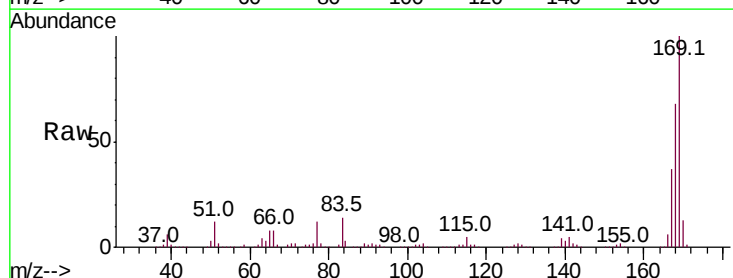
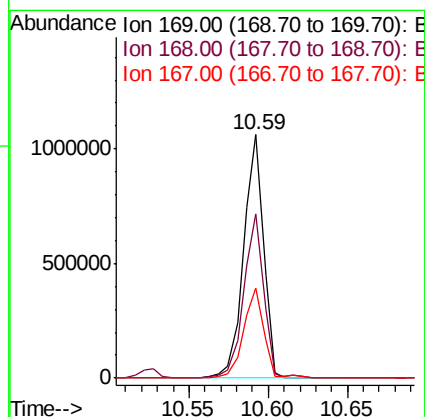
RT: 10.59 min Scan# 1446

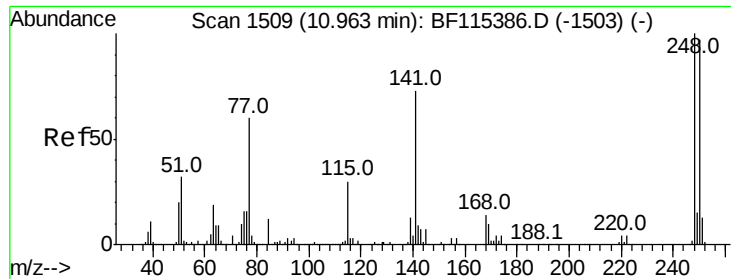
Delta R.T. 0.00 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Tgt Ion:	169	Resp:	920394
Ion Ratio	Lower	Upper	
169	100		
168	67.7	53.6	80.4
167	37.2	29.5	44.3





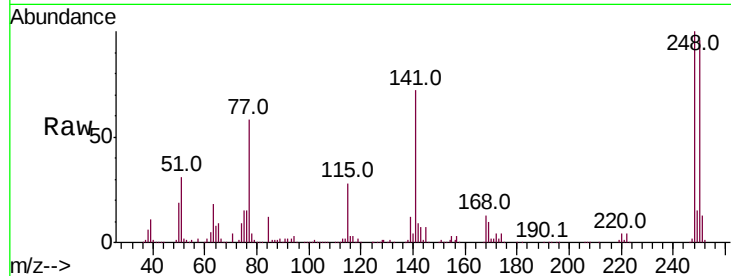
#67
4-Bromophenyl-phenylether
Concen: 44.335 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleID :
PB121094BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	79.1	118.7
141	71.9	49.4	74.2

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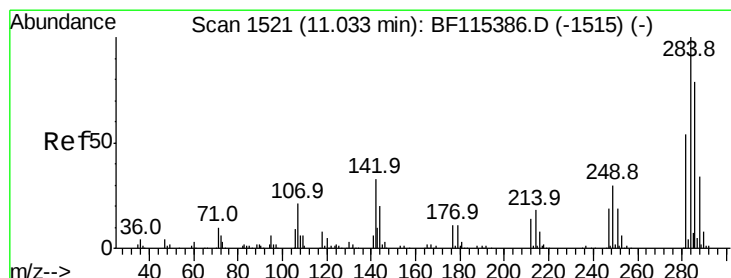
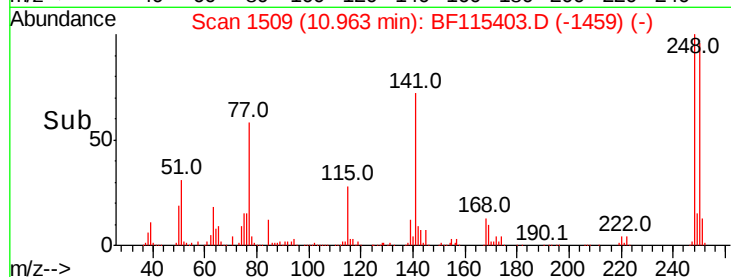
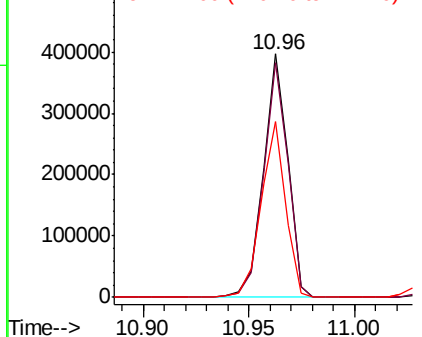


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.408 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

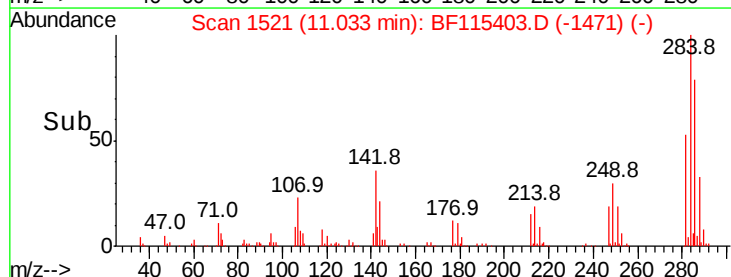
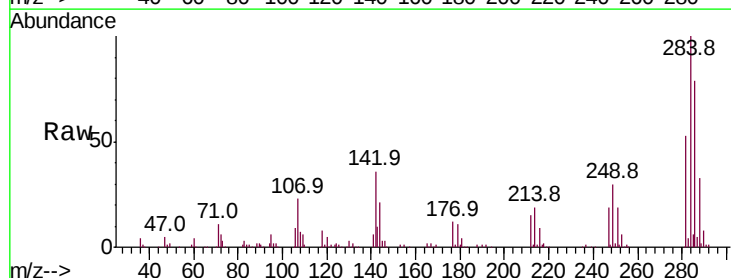
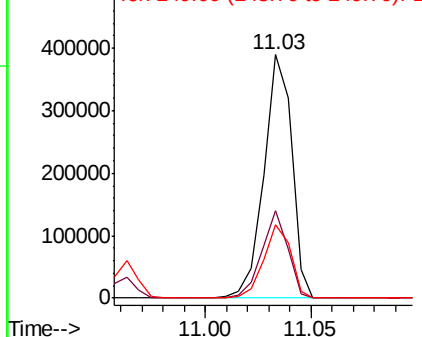
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.9	25.0	37.6
249	30.1	24.0	36.0

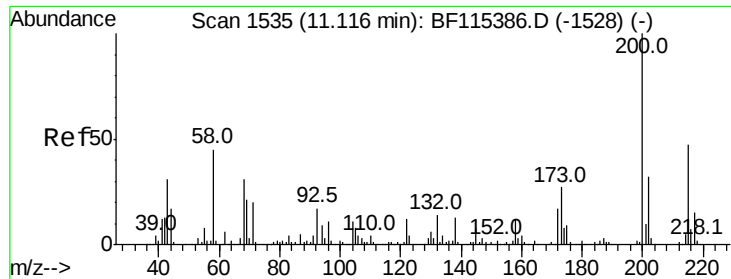
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





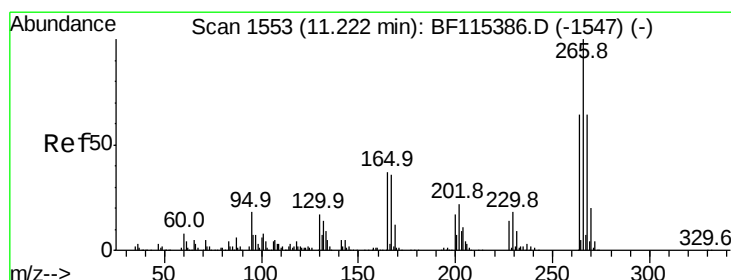
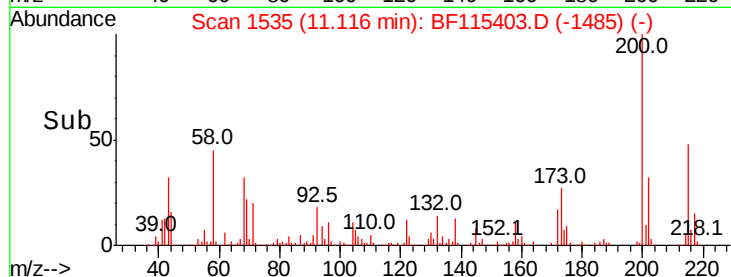
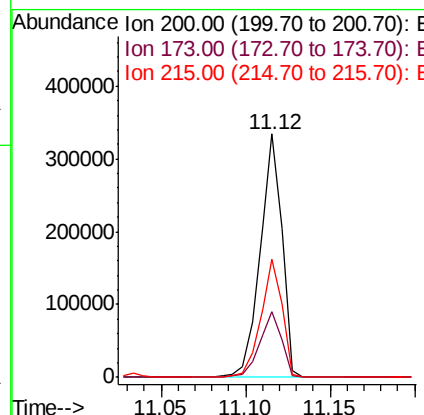
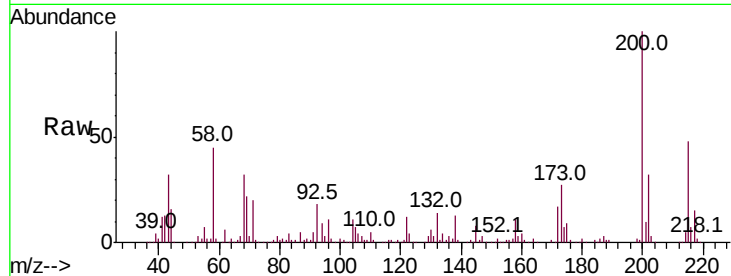
#69
Atrazine
Concen: 48.079 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :
PB121094BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.1	6.8	46.8
215	48.3	27.8	67.8

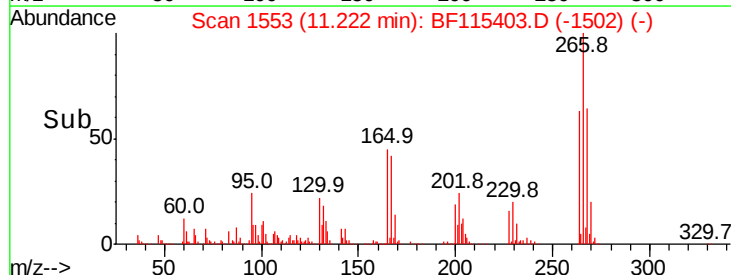
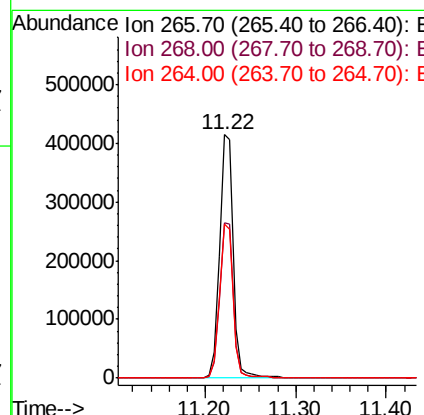
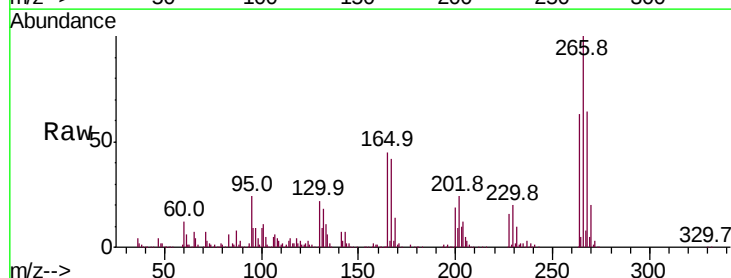
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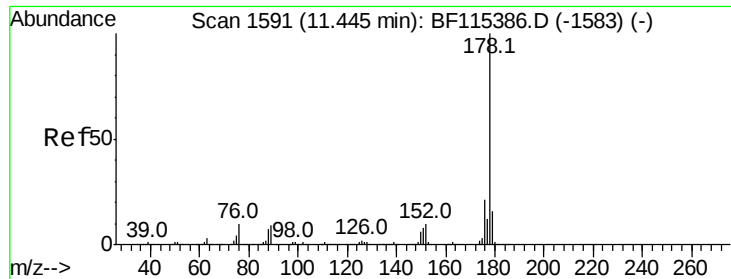
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#70
Pentachlorophenol
Concen: 87.496 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.7	51.4	77.0
264	63.3	51.8	77.6





#71

Phenanthrene

Concen: 45.170 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampleId :

PB121094BSD

Tot Ion:178 Resp: 1525781

Ion Ratio Lower Upper

178 100

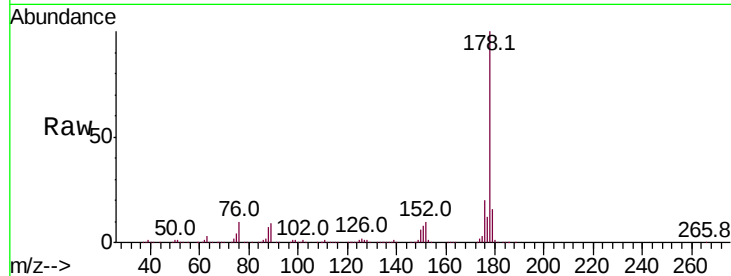
176 20.5 16.6 24.8

179 16.1 13.0 19.6

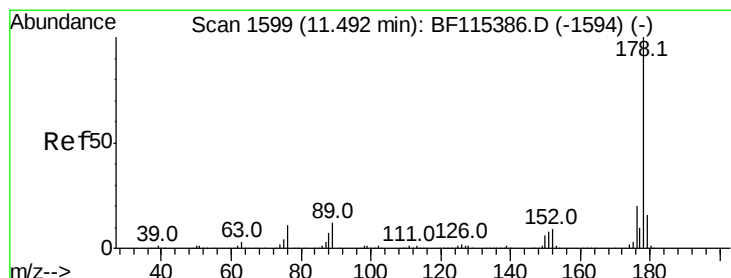
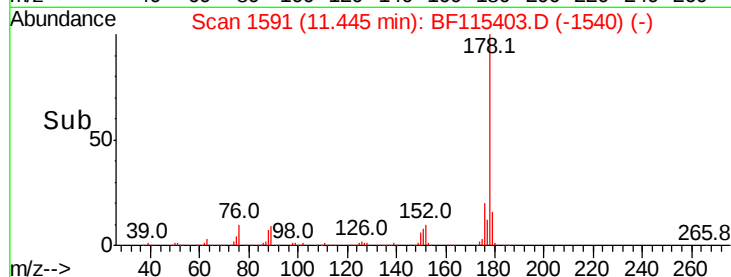
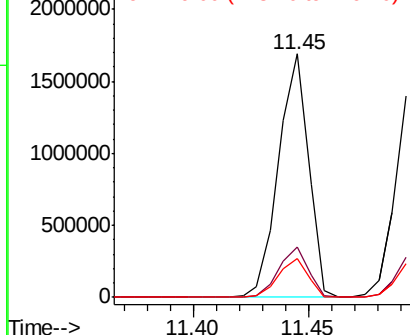
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.282 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

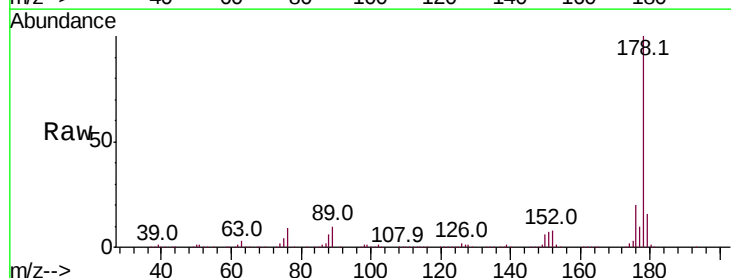
Tgt Ion:178 Resp: 1567680

Ion Ratio Lower Upper

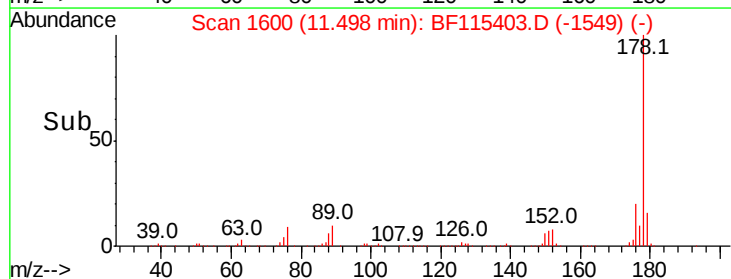
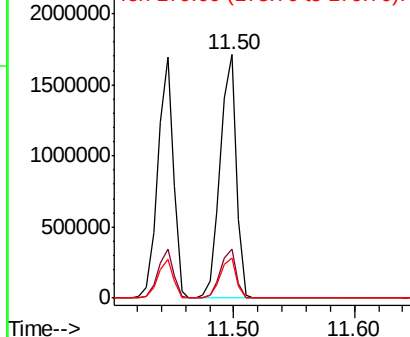
178 100

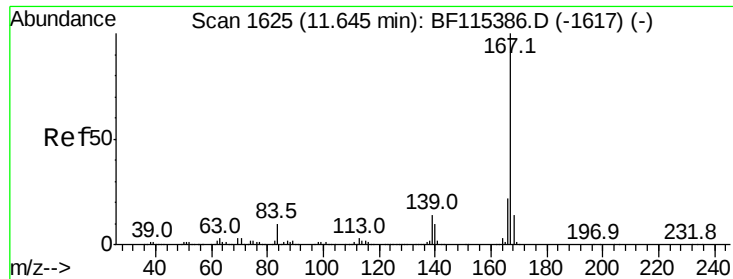
176 20.2 16.2 24.4

179 16.2 13.2 19.8



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





#73
 Carbazole
 Concen: 45.098 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

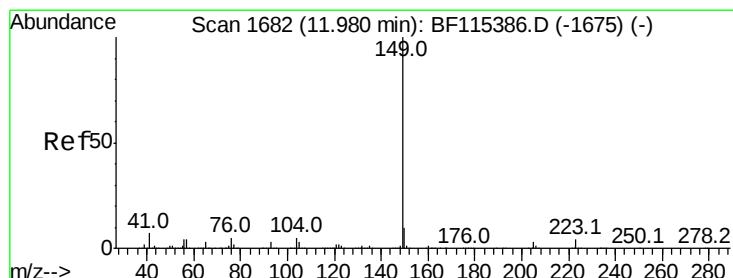
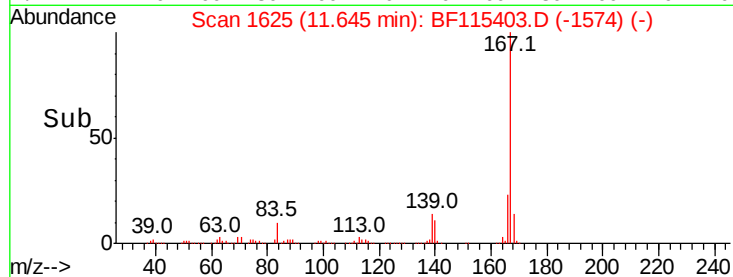
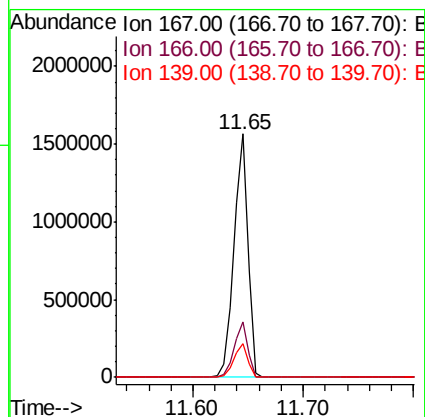
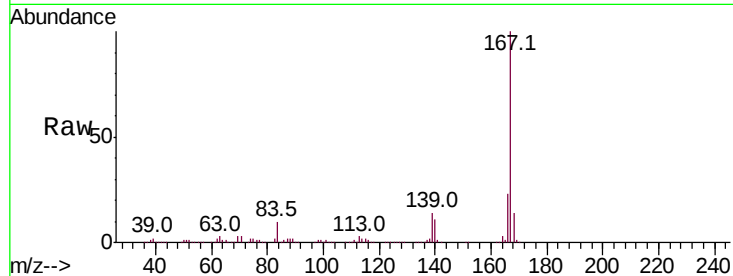
Instrument :
 BNA_F
 ClientSampleId :
 PB121094BSD

Tot Ion:167 Resp: 1397476

Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.2
139	14.0	11.2	16.8

Manual Integrations
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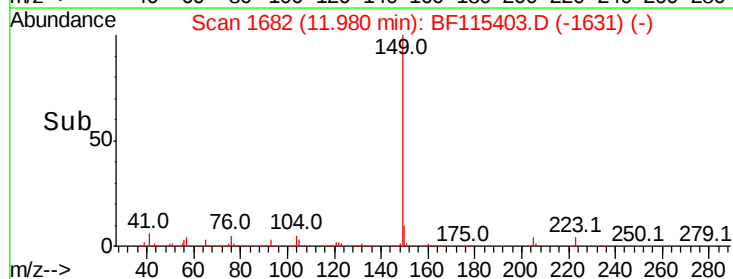
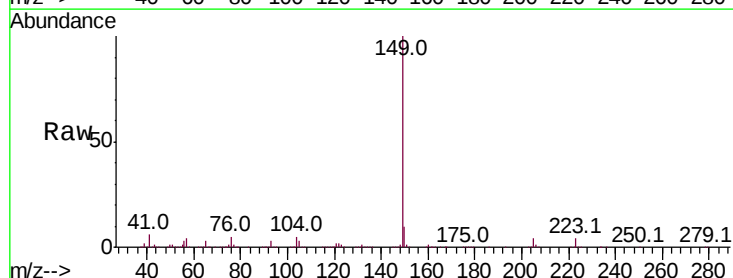
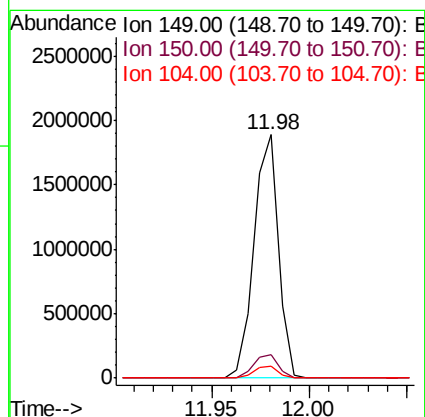
mohammad
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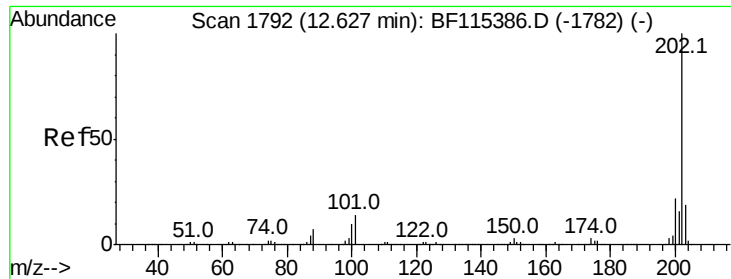


#74
 Di-n-butylphthalate
 Concen: 43.713 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Tgt Ion:149 Resp: 1637077

Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	5.1	4.4	6.6





#75

Fluoranthene

Concen: 45.256 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

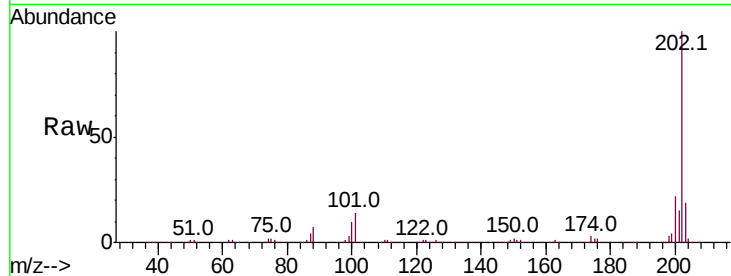
ClientSampleId :

PB121094BSD

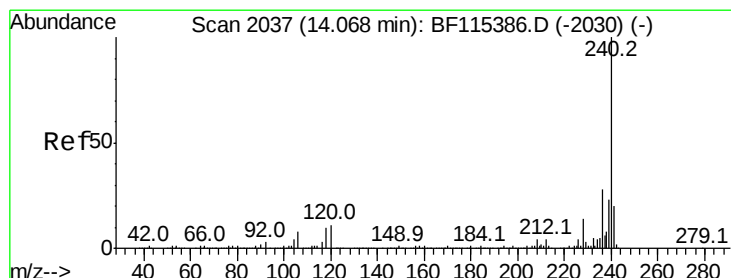
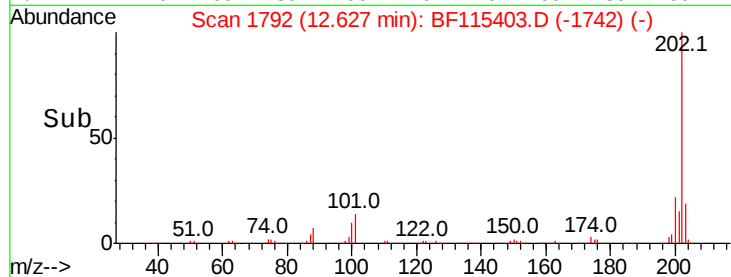
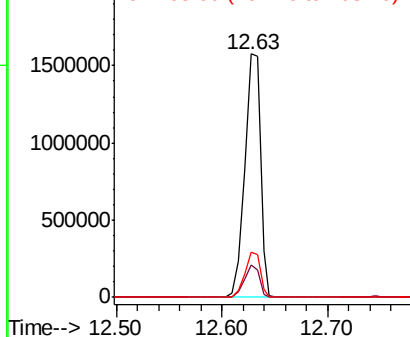
Tot Ion:	202	Resp:	1609557
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	33.3
203	18.7	0.0	38.9

Manual Integrations
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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

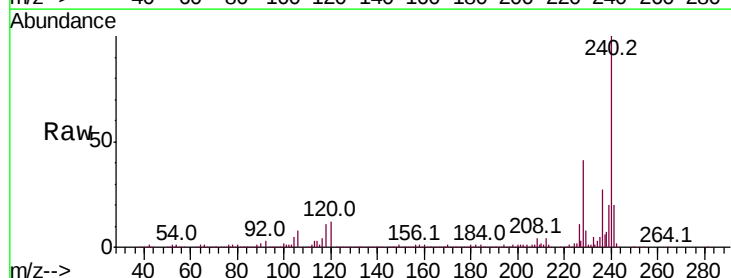
RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

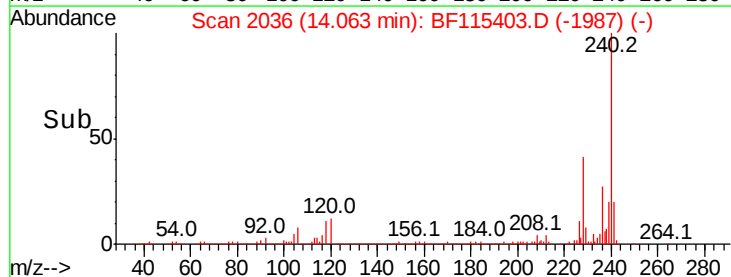
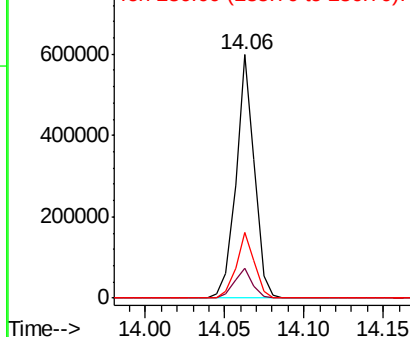
Lab File: BF115403.D

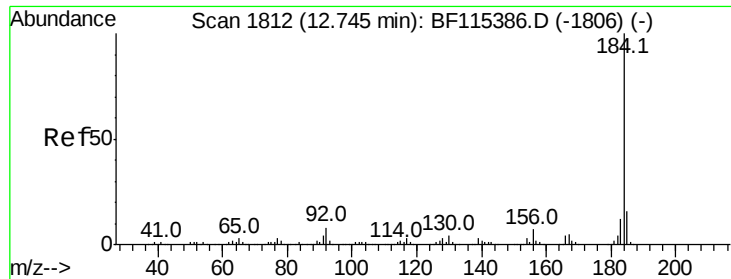
Acq: 8 Jul 2019 13:42

Tgt Ion:	240	Resp:	477575
Ion Ratio	Lower	Upper	
240	100		
120	12.5	10.5	15.7
236	27.2	21.1	31.7



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: 44.261 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampleId :

PB121094BSD

Tot Ion:184 Resp: 824304

Ion Ratio Lower Upper

184 100

185 15.1 12.5 18.7

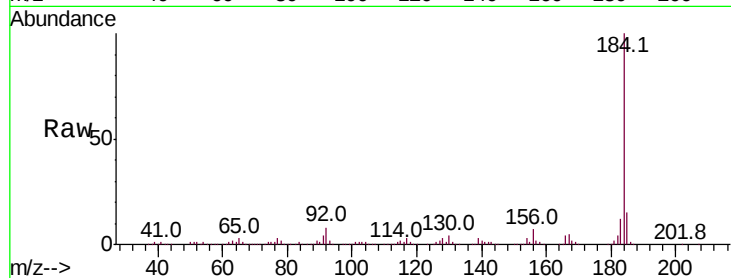
183 11.5 9.5 14.3

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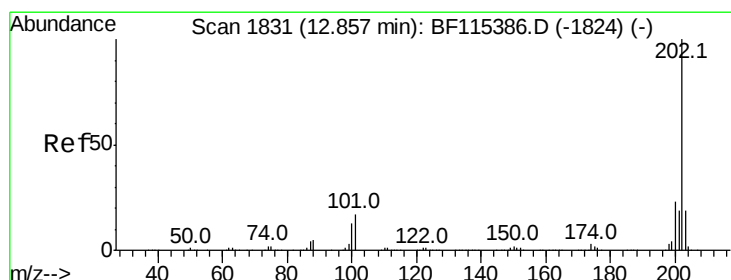
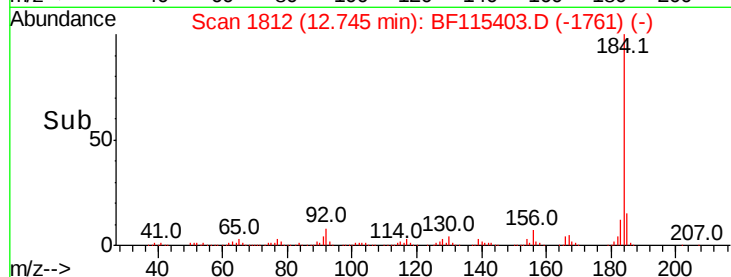
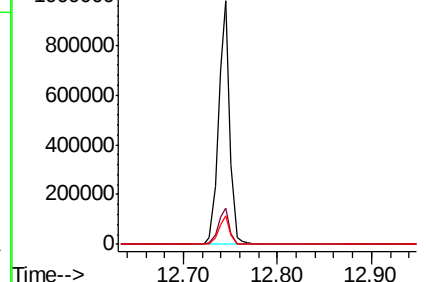
7/10/2019 9:04:20 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.865 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

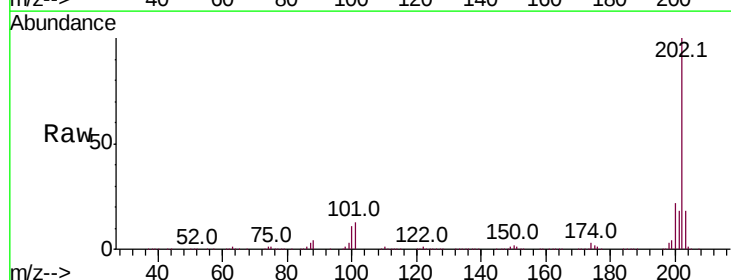
Tgt Ion:202 Resp: 1629071

Ion Ratio Lower Upper

202 100

200 22.3 18.5 27.7

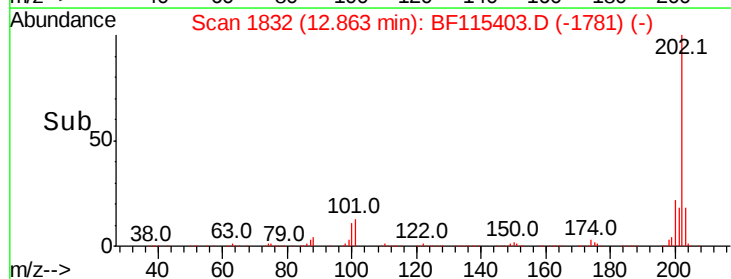
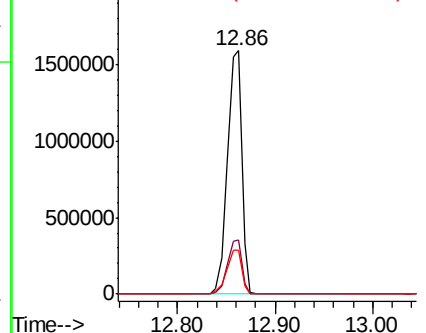
203 18.2 15.1 22.7

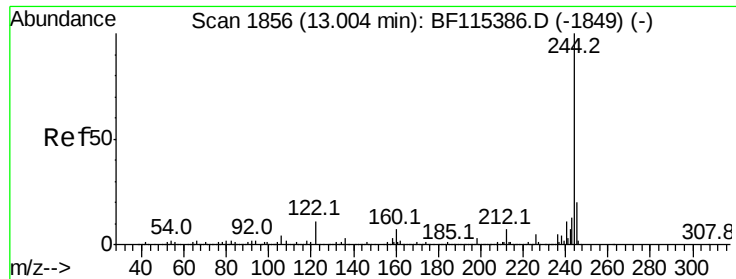


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.569 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampleId :

PB121094BSD

Tot Ion:244 Resp: 1972547

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

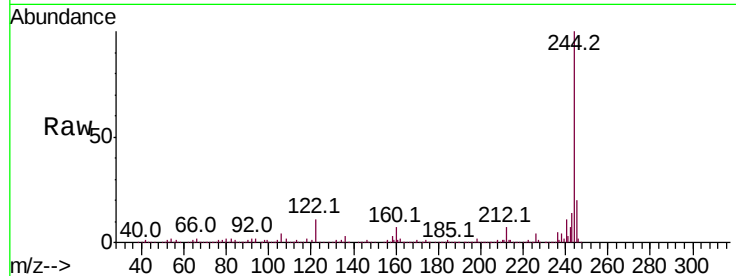
122 11.4 9.7 14.5

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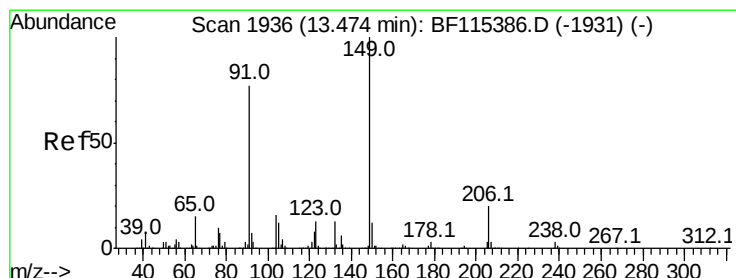
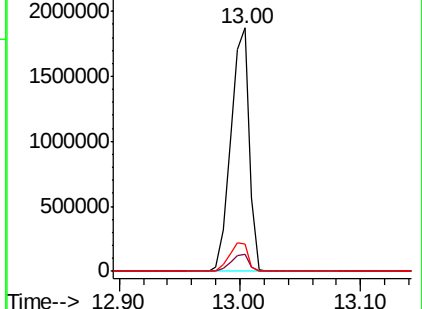
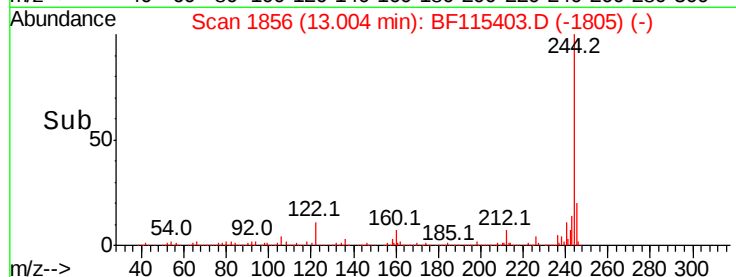
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.727 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

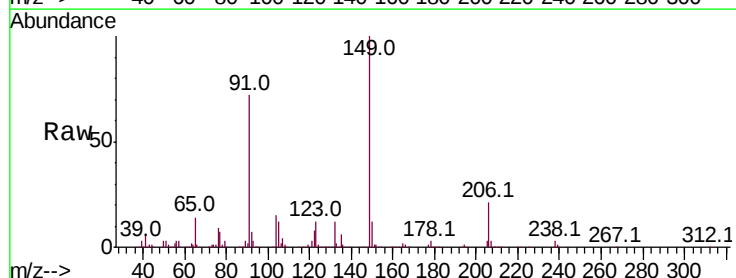
Tgt Ion:149 Resp: 725770

Ion Ratio Lower Upper

149 100

91 72.1 58.1 87.1

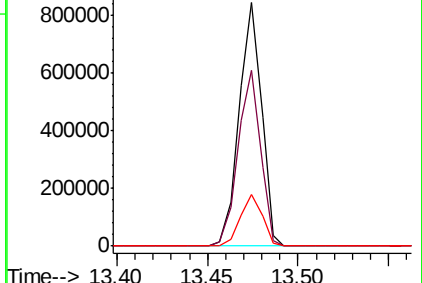
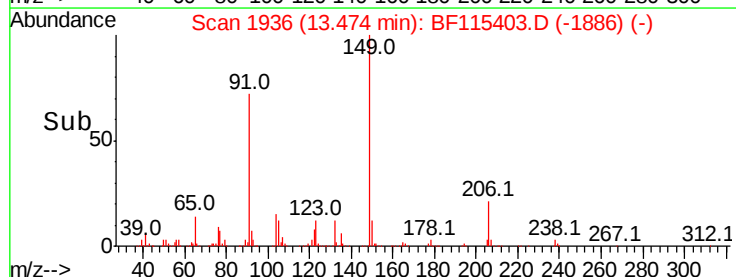
206 21.4 17.4 26.0

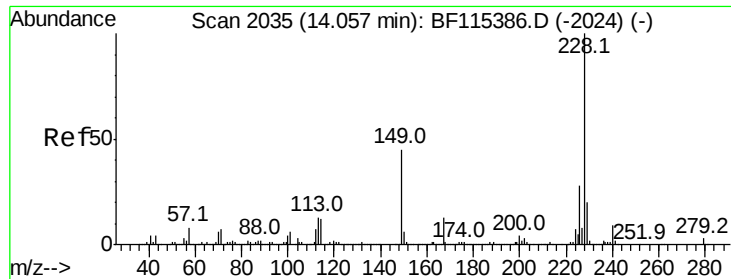


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





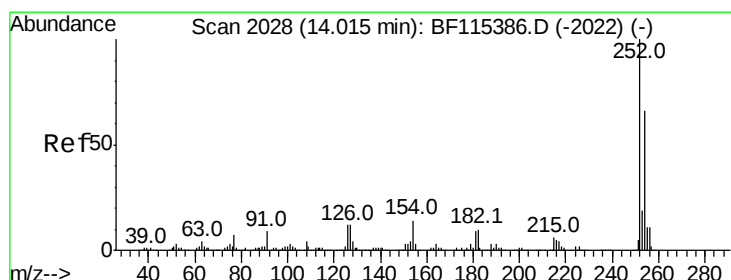
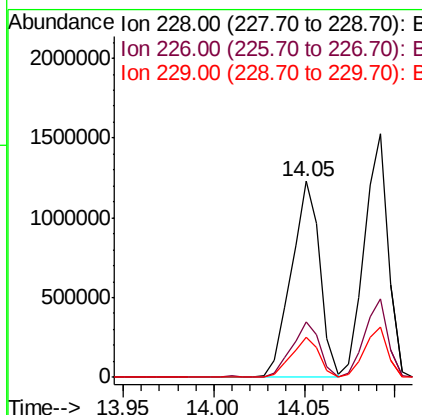
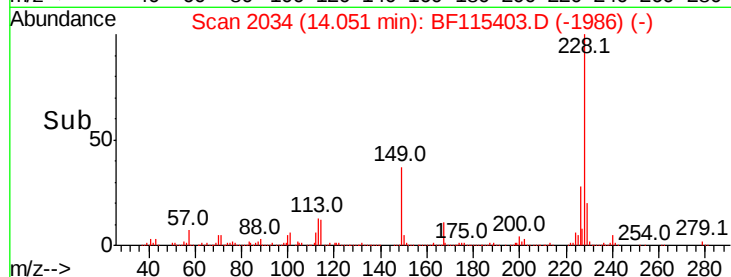
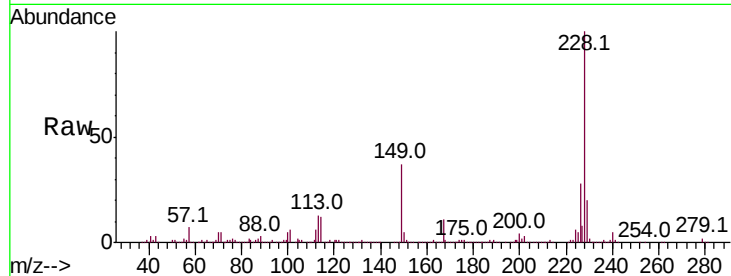
#81
Benzo(a)anthracene
Concen: 44.290 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :
PB121094BSD

Tot Ion:228 Resp: 1355276
Ion Ratio Lower Upper
228 100
226 28.4 23.2 34.8
229 20.2 16.4 24.6

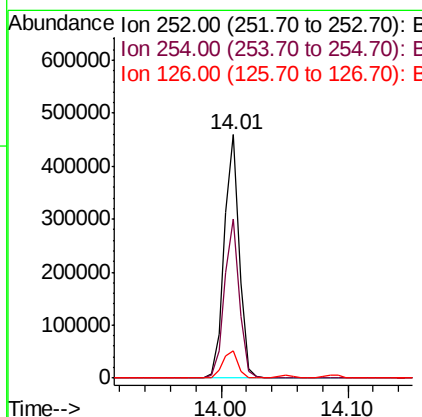
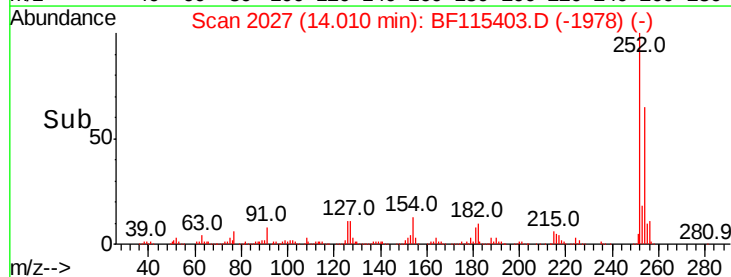
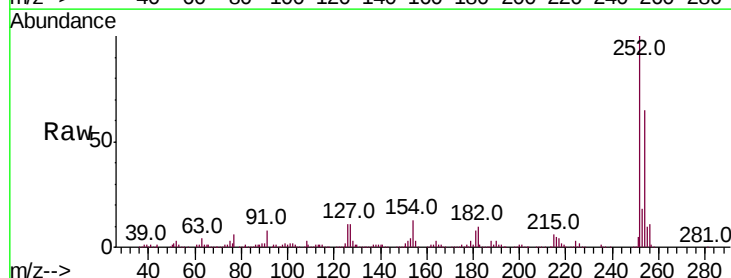
Manual Integrations
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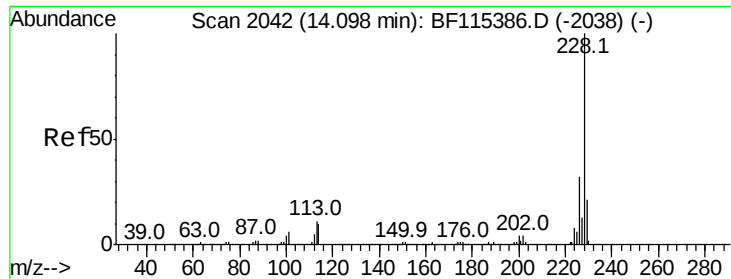
mohammad
7/10/2019 9:04:20 AM



#82
3,3'-Dichlorobenzidine
Concen: 34.090 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion:252 Resp: 378512
Ion Ratio Lower Upper
252 100
254 65.3 52.2 78.4
126 11.1 10.7 16.1





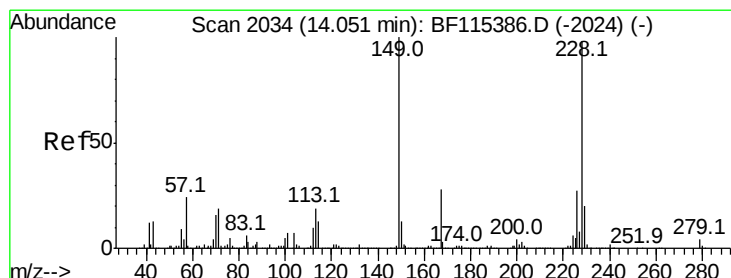
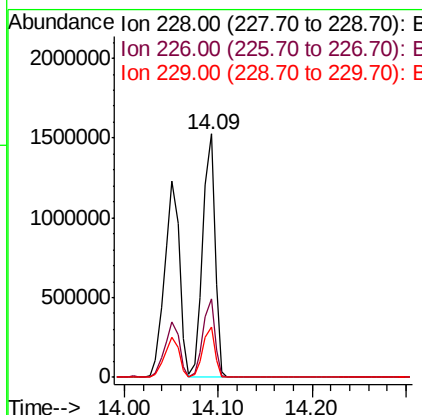
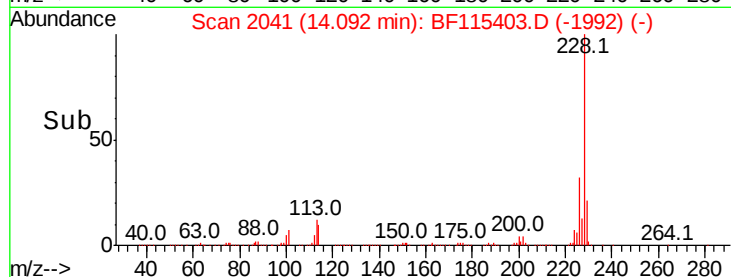
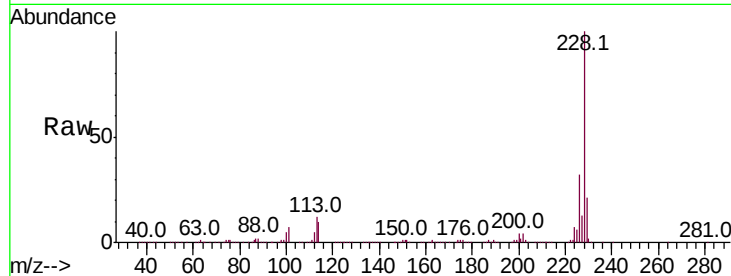
#83
 Chrvsene
 Concen: 44.289 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB121094BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.7	38.5
229	20.9	16.6	24.8

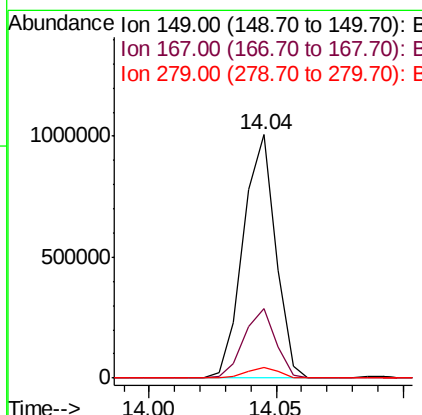
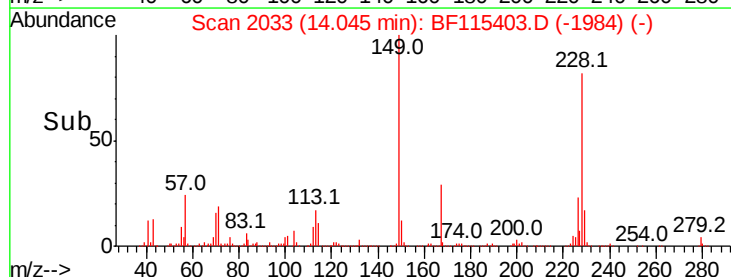
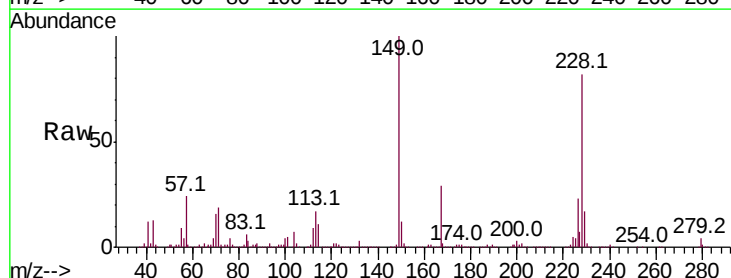
Manual Integrations
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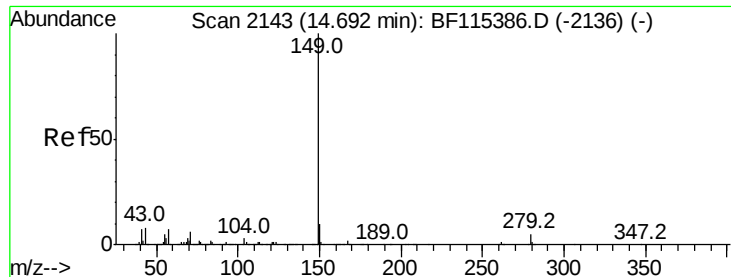
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.670 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.6	33.8
279	4.4	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 45.801 ng

RT: 14.68 min Scan# 2141

Delta R.T. -0.02 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampleId :

PB121094BSD

Tot Ion:149 Resp: 1638472

Ion Ratio Lower Upper

149 100

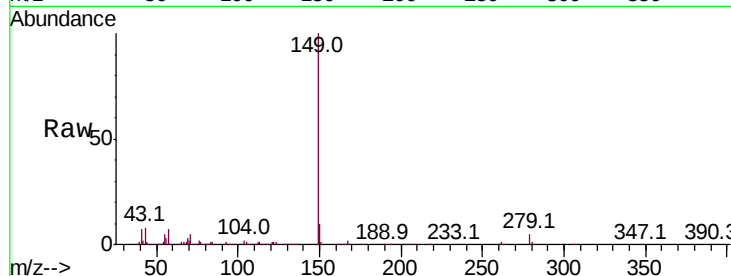
167 1.6 1.3 1.9

43 9.0 7.4 11.0

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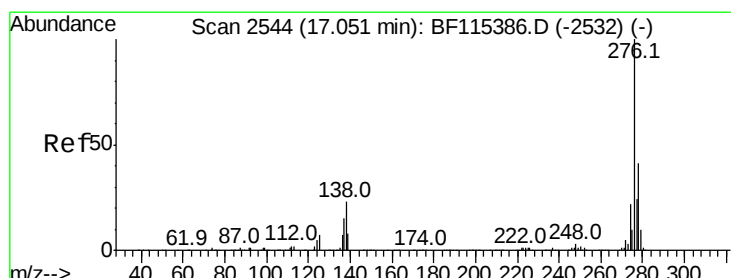
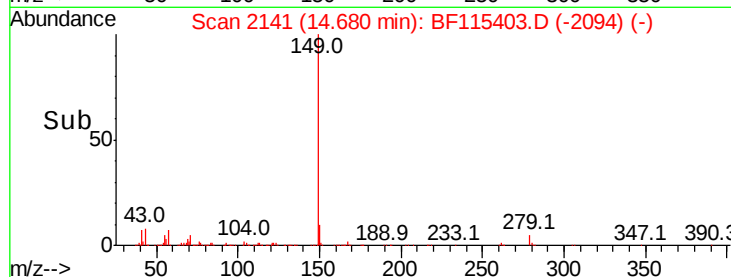
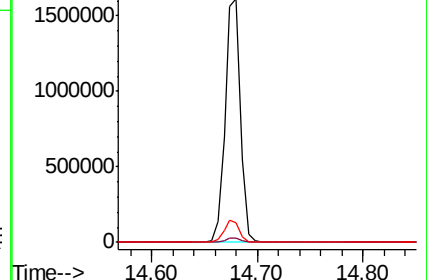
7/10/2019 9:04:20 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.912 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.04 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

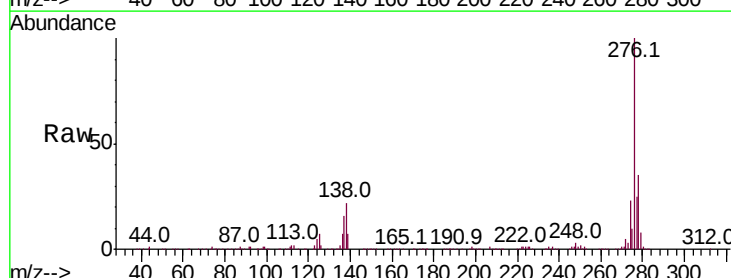
Tgt Ion:276 Resp: 1223936

Ion Ratio Lower Upper

276 100

138 25.3 20.4 30.6

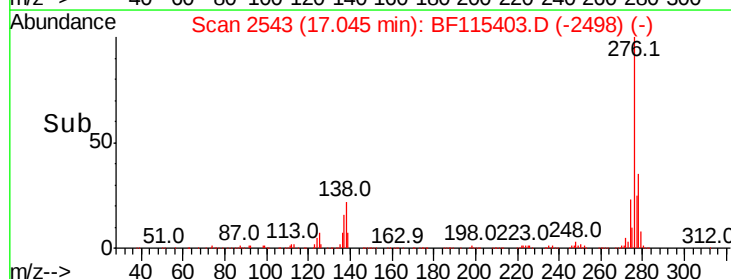
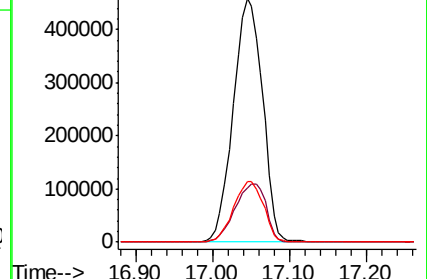
277 25.4 20.2 30.2

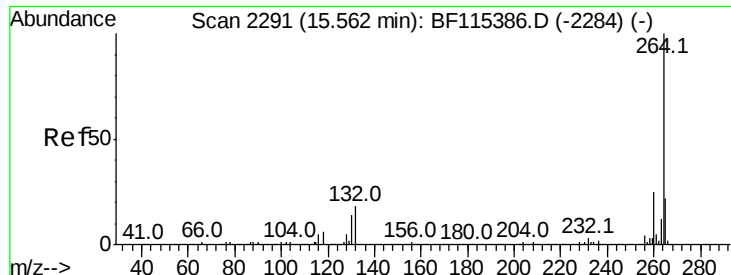


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





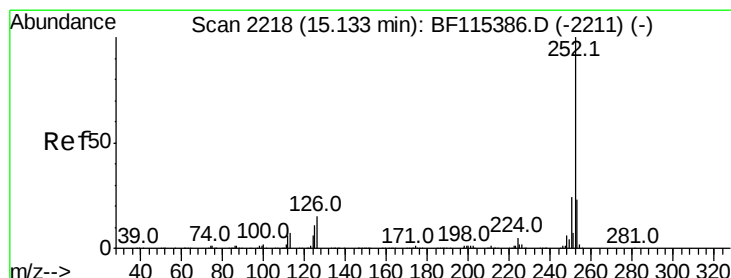
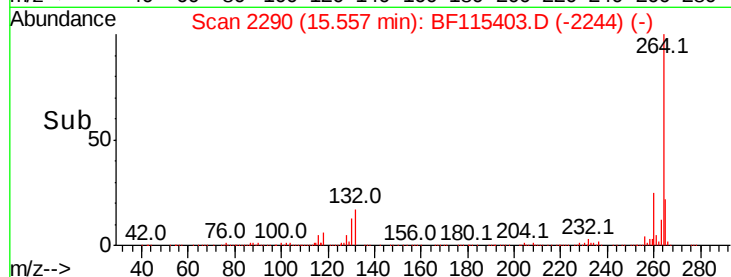
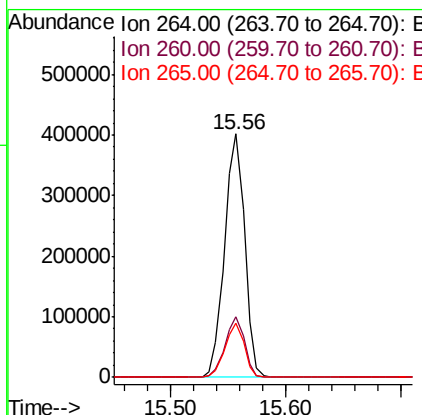
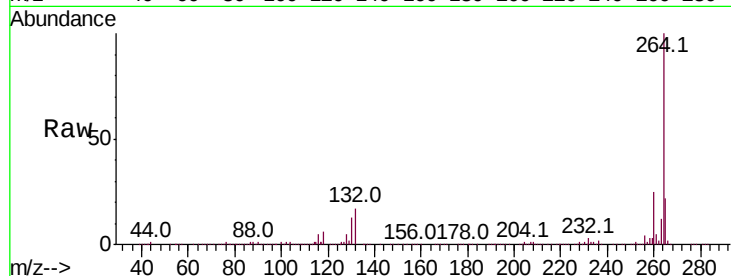
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. -0.03 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB121094BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.3	30.5
265	22.0	17.6	26.4

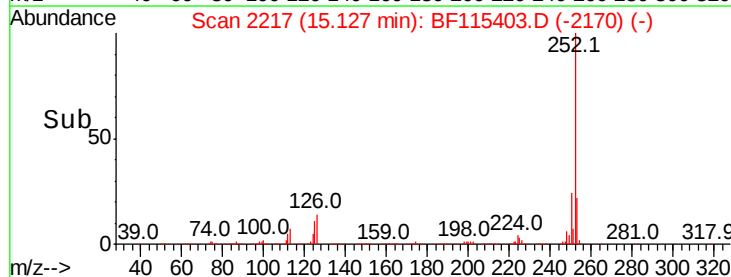
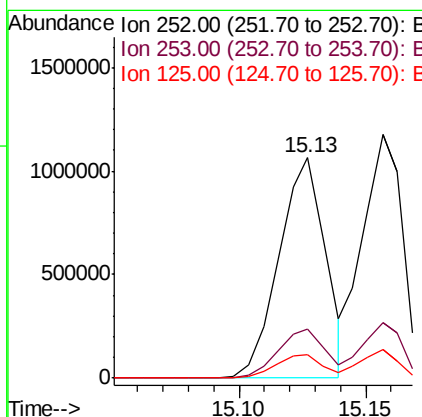
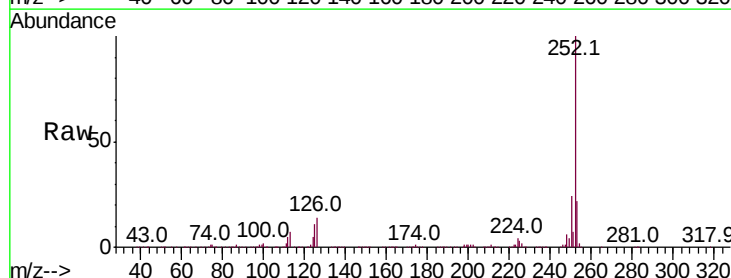
Manual Integrations
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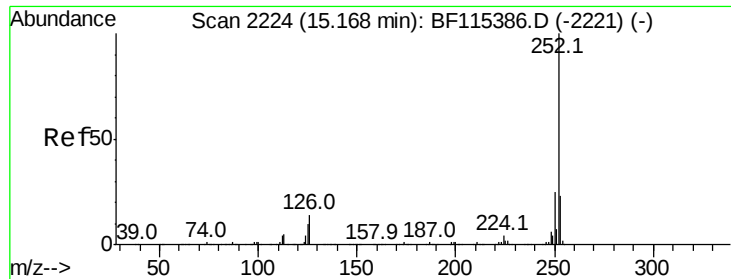
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 43.106 ng
 RT: 15.13 min Scan# 2217
 Delta R.T. -0.02 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	10.6	9.0	13.4





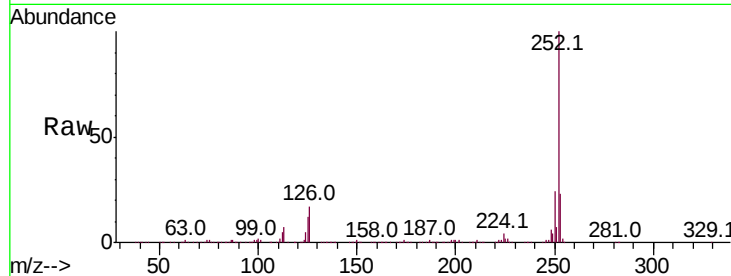
#89
Benzo(k)fluoranthene
Concen: 46.371 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.03 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :
PB121094BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	11.5	8.2	12.4

Manual Integrations
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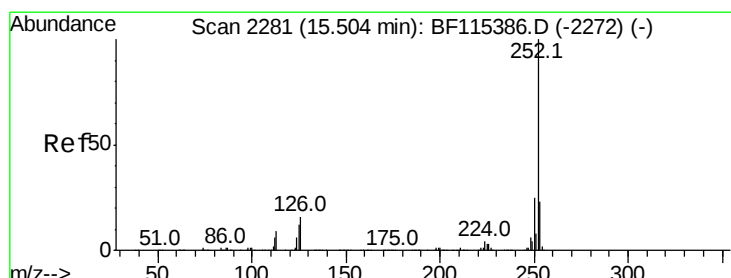
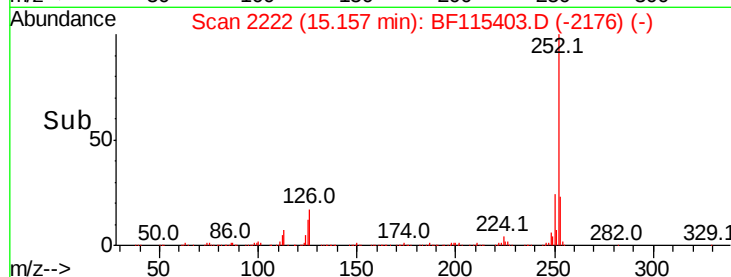
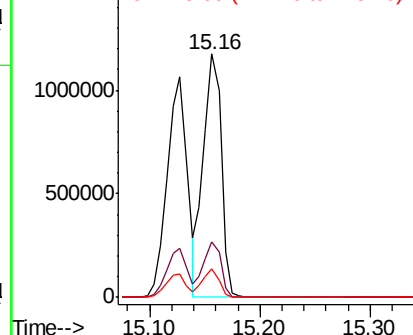


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 46.187 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.03 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

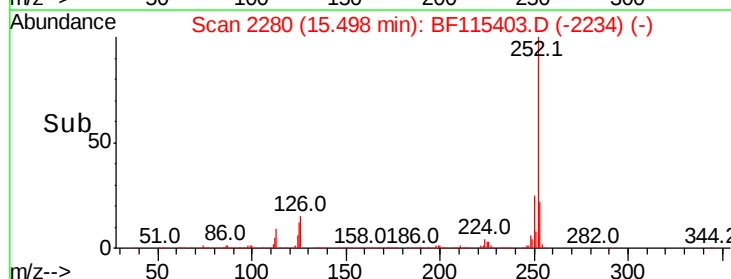
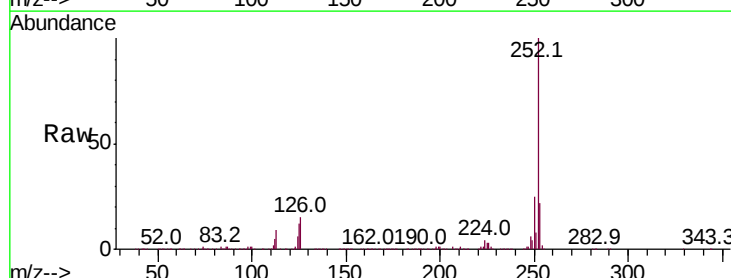
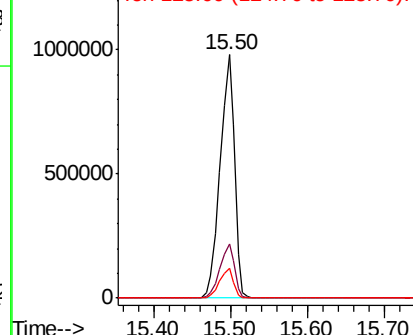
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	12.2	9.0	13.4

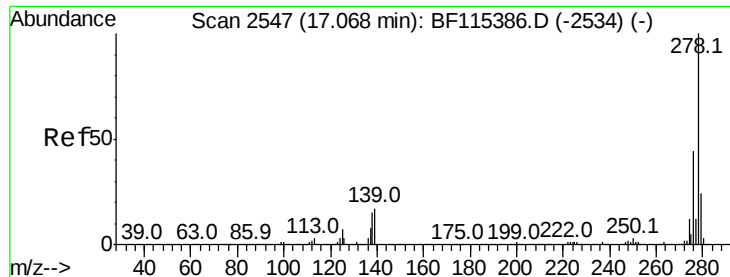
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





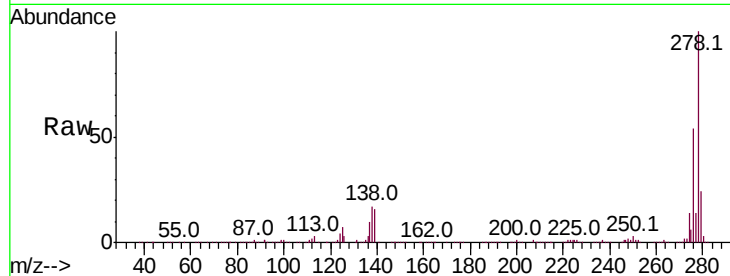
#91
Dibenzo(a,h)anthracene
Concen: 44.049 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.04 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :
PB121094BSD

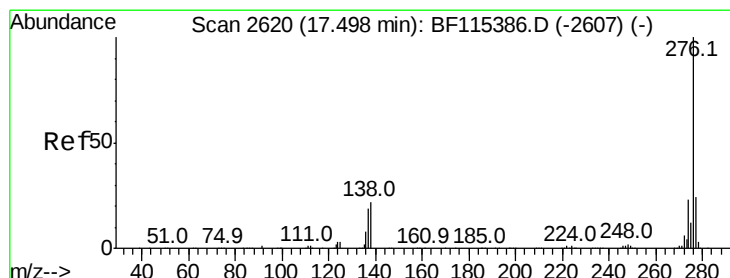
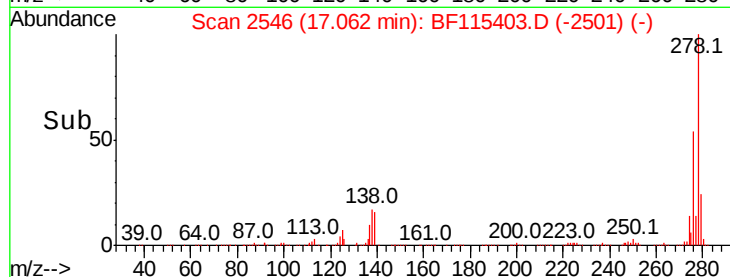
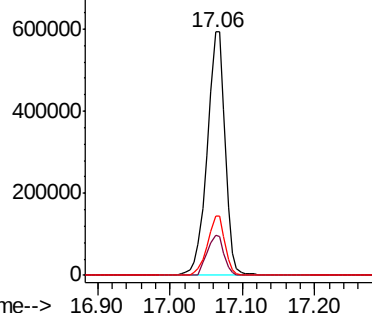
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.4	20.2
279	24.3	20.0	30.0

Manual Integrations
APPROVED

mohammad
7/10/2019 9:04:20 AM



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



#92
Benzo(g,h,i)perylene
Concen: 44.839 ng
RT: 17.50 min Scan# 2620
Delta R.T. -0.04 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.8	28.2
138	20.9	17.6	26.4

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

