

Data File : BF118443.D
Acq On : 2 Jan 2020 18:51
Operator : JU
Sample : K6114-02MSDRE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Quant Time: Jan 03 02:10:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	129038	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	513245	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	274194	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	497952	20.00	ng	0.00
76) Chrysene-d12	14.04	240	317982	20.00	ng	0.00
87) Perylene-d12	15.53	264	311589	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	885930	117.20	ng	0.02
7) Phenol-d6	6.49	99	1040163	110.92	ng	0.00
23) Nitrobenzene-d5	7.42	82	743771	82.88	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	420158	124.08	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1525750	84.94	ng	0.00
79) Terphenyl-d14	12.98	244	1742764	90.93	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.73	88	113009	37.606	ng	# 84
3) Pyridine	3.48	79	230065	28.735	ng	98
4) n-Nitrosodimethylamine	3.40	42	136132	41.124	ng	98
6) Aniline	6.52	93	142148	11.937	ng	# 63
8) 2-Chlorophenol	6.64	128	369138	43.116	ng	97
9) Benzaldehyde	6.40	77	157145	28.582	ng	96
10) Phenol	6.50	94	366872	34.807	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	336592	44.653	ng	97
12) 1,3-Dichlorobenzene	6.79	146	353963	35.898	ng	100
13) 1,4-Dichlorobenzene	6.86	146	366587	36.603	ng	99
14) 1,2-Dichlorobenzene	7.02	146	351852	37.211	ng	99
15) Benzyl Alcohol	7.00	79	308977	43.274	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	331259	41.183	ng	60
17) 2-Methylphenol	7.11	107	292015	42.525	ng	95
18) Hexachloroethane	7.36	117	123750	33.667	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	242470	41.972	ng	96
20) 3+4-Methylphenols	7.27	107	374772	42.643	ng	# 80
22) Acetophenone	7.26	105	519420	41.292	ng	99
24) Nitrobenzene	7.43	77	371828	41.364	ng	100
25) Isophorone	7.67	82	669948	42.838	ng	99
26) 2-Nitrophenol	7.75	139	206186	43.305	ng	98
27) 2,4-Dimethylphenol	7.79	122	326713	50.293	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	424185	41.473	ng	99
29) 2,4-Dichlorophenol	8.00	162	320821	42.907	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	339175	38.941	ng	98
31) Naphthalene	8.16	128	1090559	41.806	ng	100
32) Benzoic acid	7.95	122	184222	35.288	ng	98
33) 4-Chloroaniline	8.22	127	76733	6.862	ng	96
34) Hexachlorobutadiene	8.27	225	186797	36.028	ng	99
35) Caprolactam	8.59	113	48303	20.692	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	348642	43.429	ng	98
37) 2-Methylnaphthalene	8.85	142	772016	43.225	ng	100
38) 1-Methylnaphthalene	8.95	142	726406	43.169	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	339926	41.261	ng	99

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EO-O1-122719MSD

Quant Time: Jan 03 02:10:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	114766	38.383	ng	98
43) 2,4,6-Trichlorophenol	9.14	196	232503	42.244	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	252553	44.607	ng	98
46) 1,1'-Biphenyl	9.32	154	925367	42.669	ng	99
47) 2-Chloronaphthalene	9.35	162	716629	41.057	ng	98
48) 2-Nitroaniline	9.45	65	205177	41.617	ng	98
49) Acenaphthylene	9.76	152	1132255	43.738	ng	99
50) Dimethylphthalate	9.62	163	884021	42.951	ng	99
51) 2,6-Dinitrotoluene	9.69	165	195358	44.026	ng	100
52) Acenaphthene	9.93	154	666609	42.276	ng	99
53) 3-Nitroaniline	9.86	138	110198	21.159	ng	89
54) 2,4-Dinitrophenol	9.98	184	76690	37.240	ng	96
55) Dibenzofuran	10.10	168	1005848	43.172	ng	96
56) 4-Nitrophenol	10.04	139	236270	73.486	ng	96
57) 2,4-Dinitrotoluene	10.10	165	258131	43.535	ng	# 83
58) Fluorene	10.45	166	811564	43.150	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.23	232	202099	42.011	ng	99
60) Diethylphthalate	10.32	149	893938	43.903	ng	100
61) 4-Chlorophenyl-phenylether	10.44	204	402030	42.820	ng	96
62) 4-Nitroaniline	10.48	138	194174	35.889	ng	98
63) Azobenzene	10.60	77	748000	42.887	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	65827	24.505	ng	98
66) n-Nitrosodiphenylamine	10.56	169	726199	45.503	ng	100
67) 4-Bromophenyl-phenylether	10.93	248	251994	43.242	ng	94
68) Hexachlorobenzene	11.00	284	290033	42.282	ng	97
69) Atrazine	11.09	200	239449	48.614	ng	97
70) Pentachlorophenol	11.20	266	229332	77.198	ng	98
71) Phenanthrene	11.42	178	1183366	43.593	ng	99
72) Anthracene	11.47	178	1217672	44.815	ng	99
73) Carbazole	11.63	167	1048847	43.502	ng	99
74) Di-n-butylphthalate	11.94	149	1413245	46.229	ng	100
75) Fluoranthene	12.62	202	1131984	41.319	ng	99
77) Benzdine	12.73	184	55980	6.425	ng	96
78) Pyrene	12.84	202	1120360	43.146	ng	100
80) Butylbenzylphthalate	13.45	149	541093	46.280	ng	98
81) Benzo(a)anthracene	14.04	228	977424	43.914	ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	234406	31.061	ng	99
83) Chrysene	14.07	228	911787	42.782	ng	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	781875	50.858	ng	100
85) Di-n-octyl phthalate	14.62	149	1224664	54.154	ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	840545	46.287	ng	99
88) Benzo(b)fluoranthene	15.10	252	873819	42.248	ng	99
89) Benzo(k)fluoranthene	15.13	252	897912	45.213	ng	98
90) Benzo(a)pyrene	15.47	252	776935	42.641	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	726561	45.952	ng	97
92) Benzo(g,h,i)perylene	17.50	276	675445	44.223	ng	100

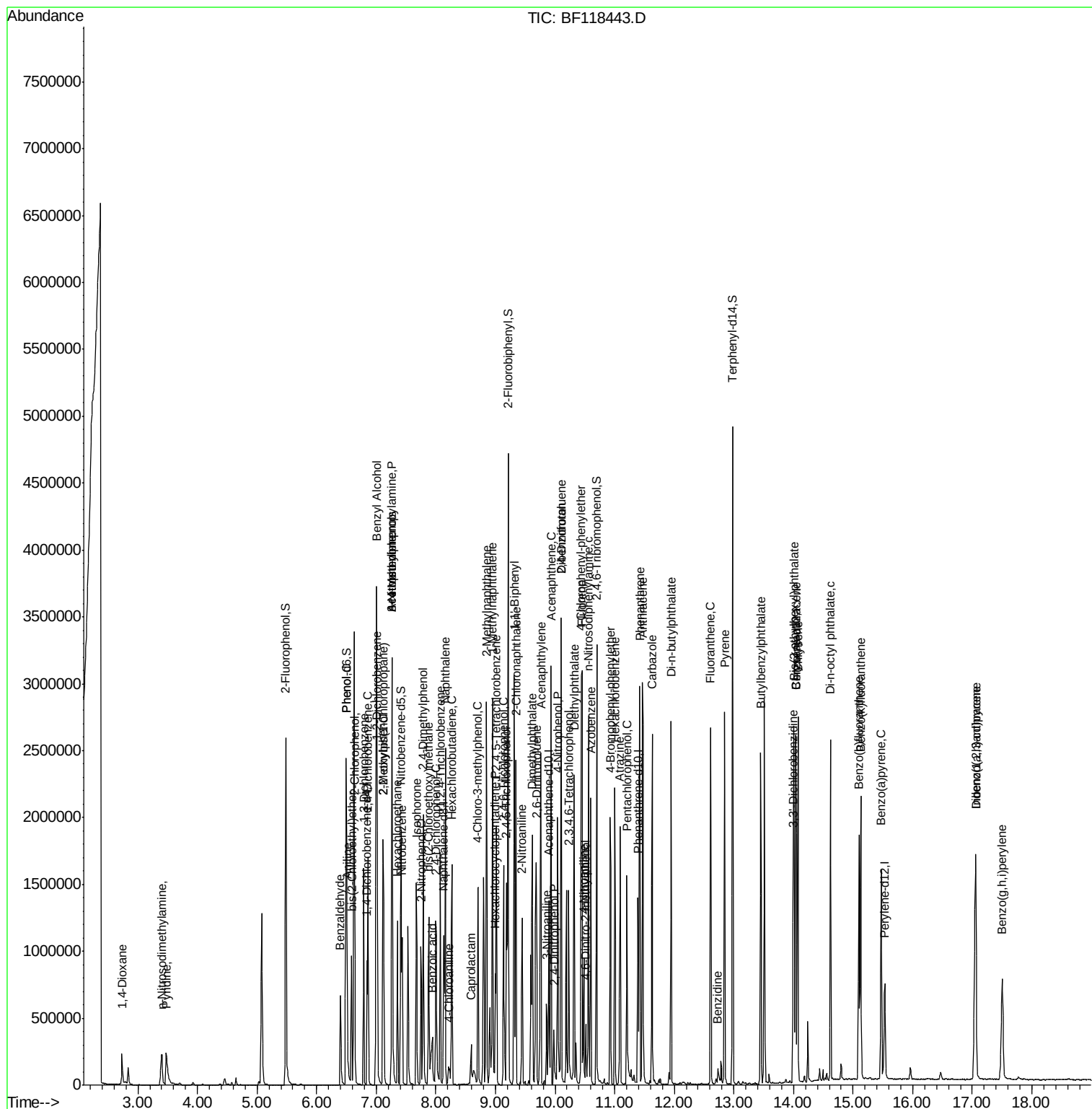
(#) = qualifier out of range (m) = manual integration (+) = signals summed

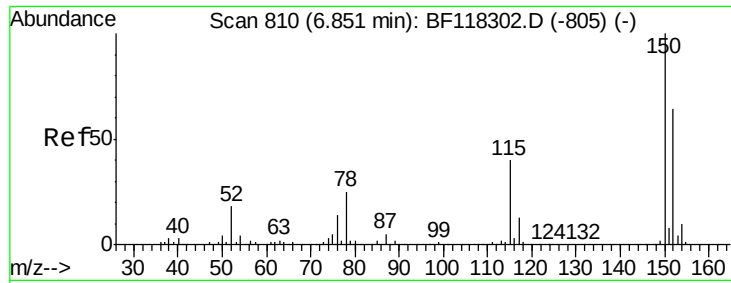
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Operator    : JU
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Misc       :
ALS Vial    : 14      Sample Multip
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ClientSampleId :
EO-01-122719MSD

Quant Time: Jan 03 02:10:30 2020
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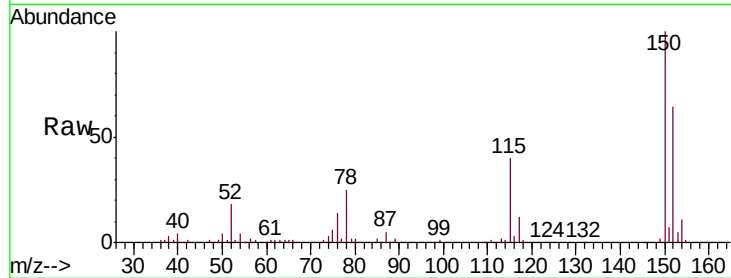


#1

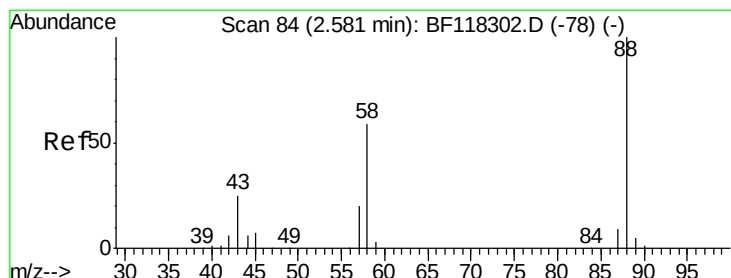
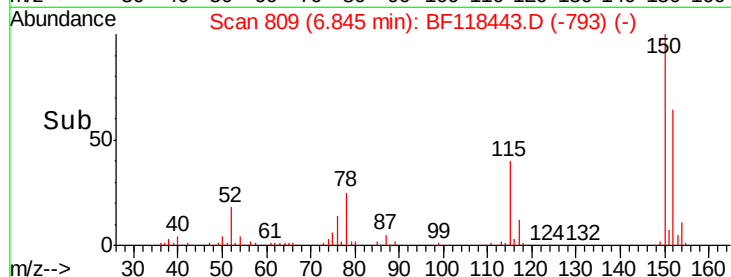
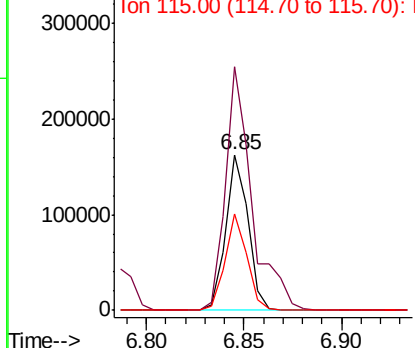
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118443.D
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Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tgt Ion: 152 Resp: 129038
Ion Ratio Lower Upper
152 100
150 156.3 125.4 188.2
115 61.9 50.2 75.4



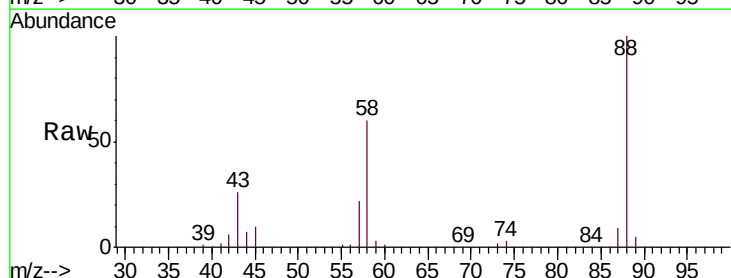
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



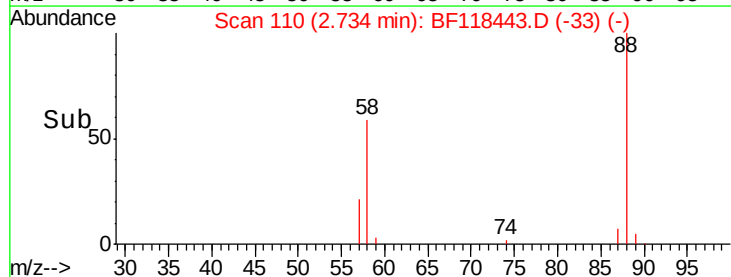
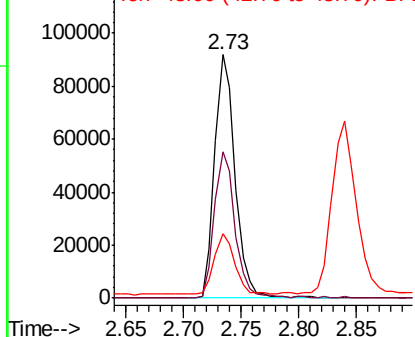
#2

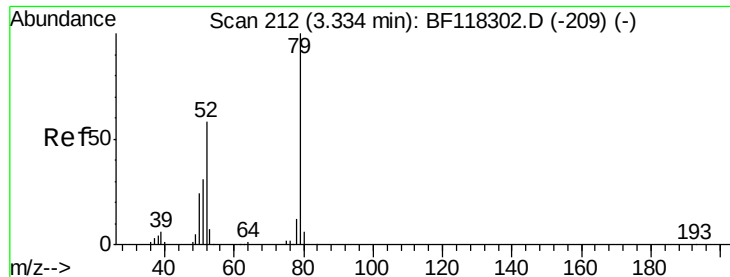
1,4-Dioxane
Concen: 37.606 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.15 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion: 88 Resp: 113009
Ion Ratio Lower Upper
88 100
58 60.7 47.6 71.4
43 0.0 20.6 30.8#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 28.735 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.15 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MSD

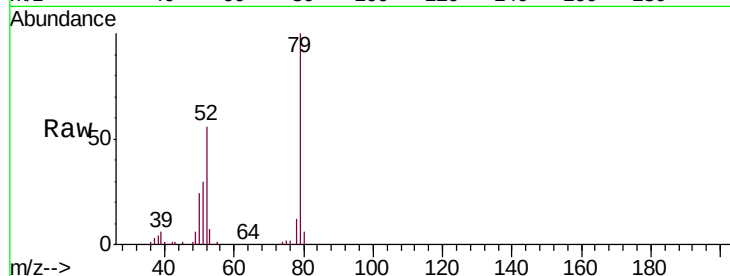
Tgt Ion: 79 Resp: 230065

Ion Ratio Lower Upper

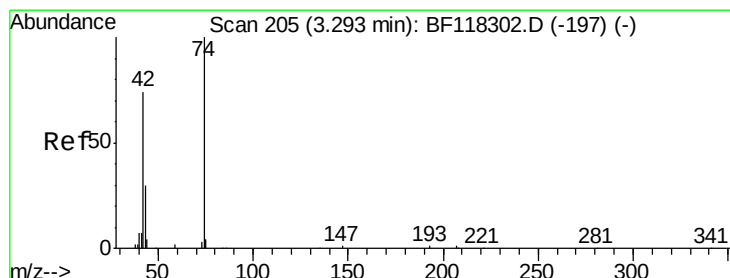
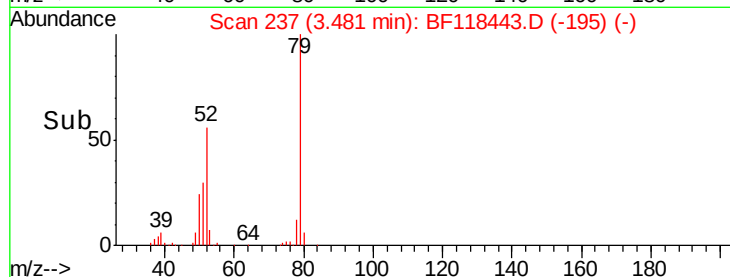
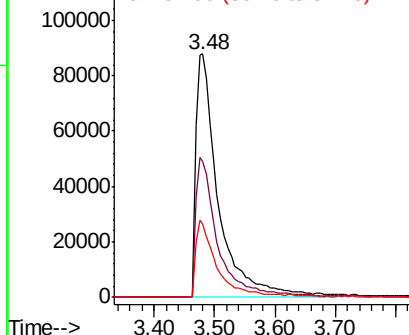
79 100

52 56.0 46.4 69.6

51 30.1 24.9 37.3



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.124 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.11 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

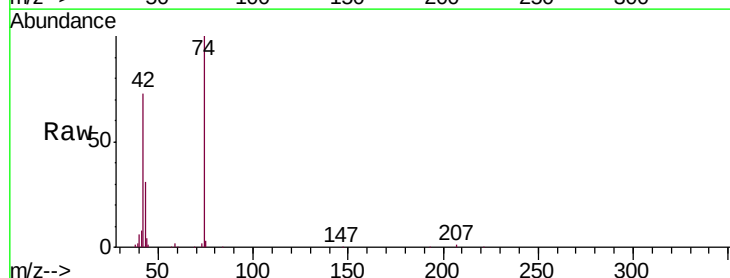
Tgt Ion: 42 Resp: 136132

Ion Ratio Lower Upper

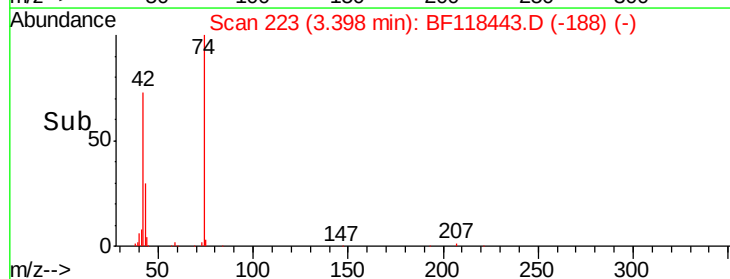
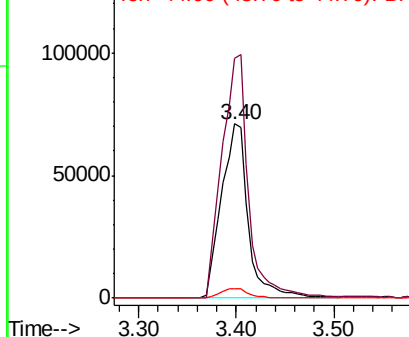
42 100

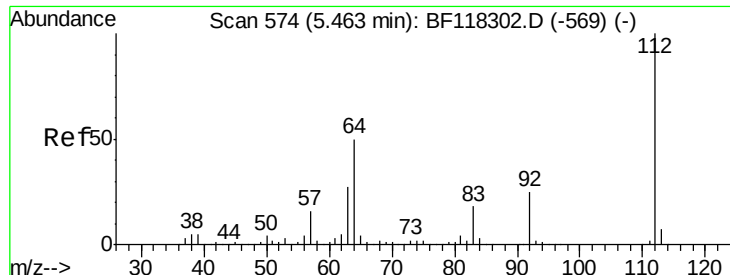
74 137.2 107.7 161.5

44 5.7 4.8 7.2



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 117.196 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

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ClientSampleId :

EO-O1-122719MSD

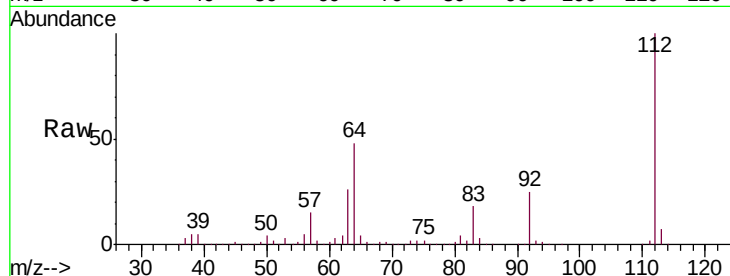
Tgt Ion: 112 Resp: 885930

Ion Ratio Lower Upper

112 100

64 48.2 39.7 59.5

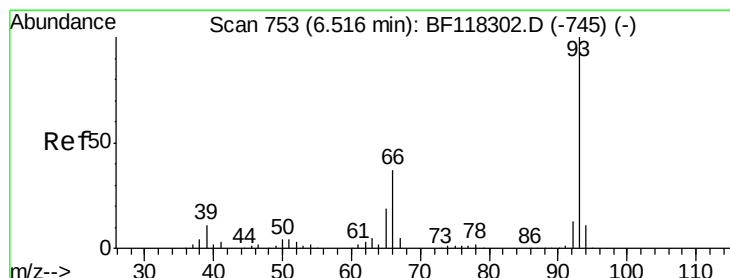
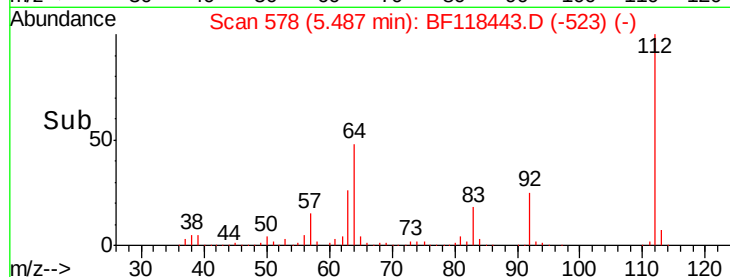
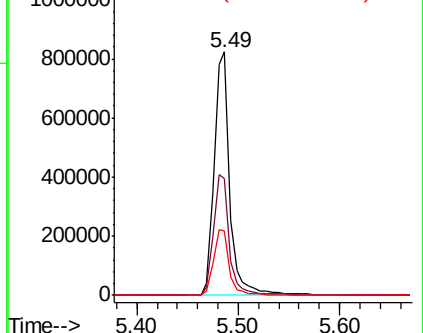
63 26.3 21.7 32.5



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: 11.937 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

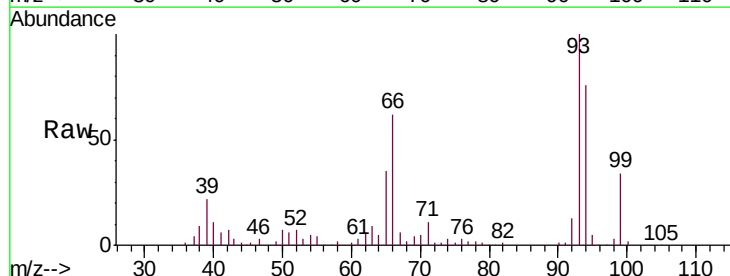
Tgt Ion: 93 Resp: 142148

Ion Ratio Lower Upper

93 100

66 61.7 30.2 45.4#

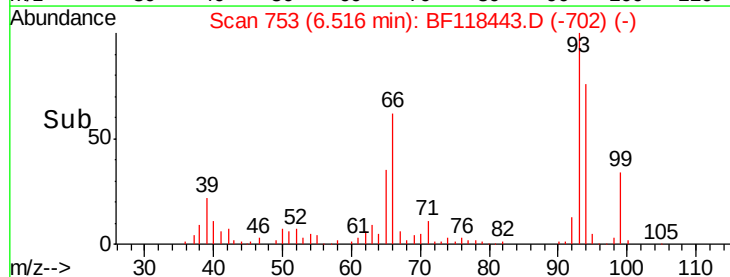
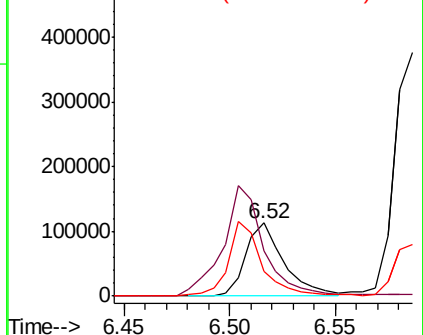
65 34.5 15.7 23.5#

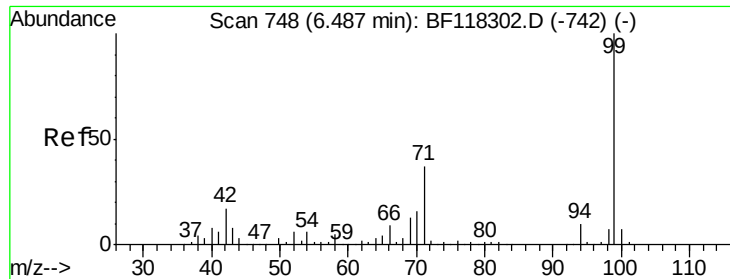


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.920 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

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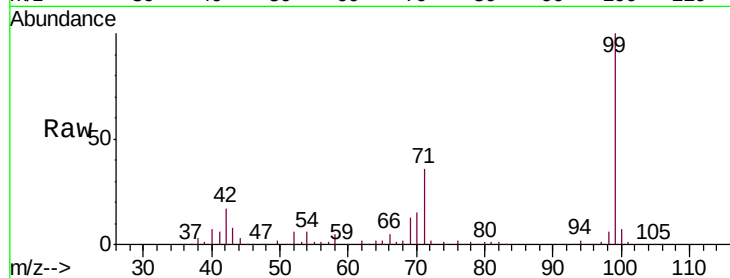
Tgt Ion: 99 Resp: 1040163

Ion Ratio Lower Upper

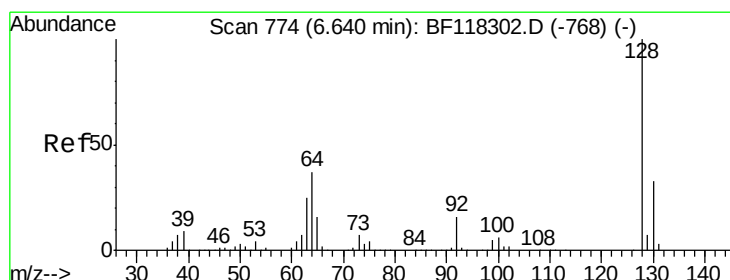
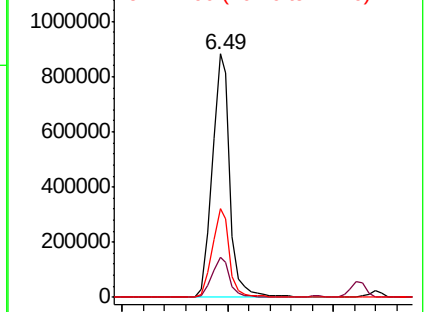
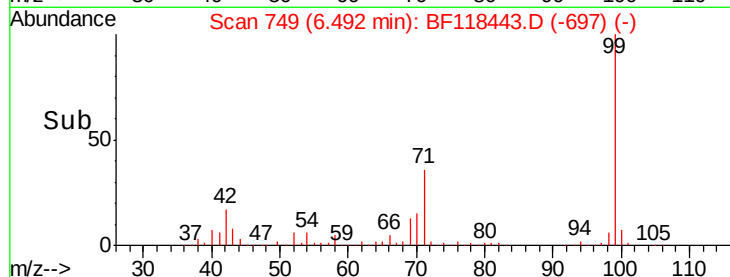
99 100

42 16.7 13.5 20.3

71 36.5 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.116 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

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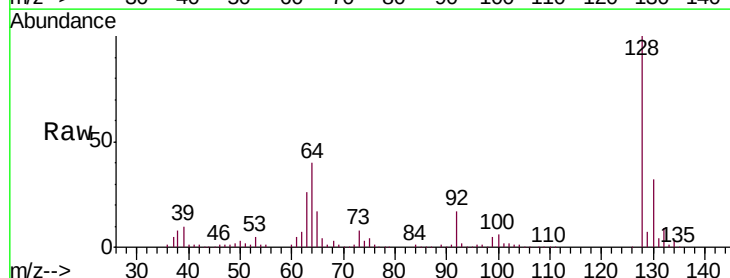
Tgt Ion: 128 Resp: 369138

Ion Ratio Lower Upper

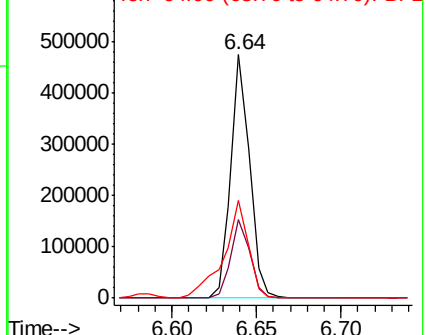
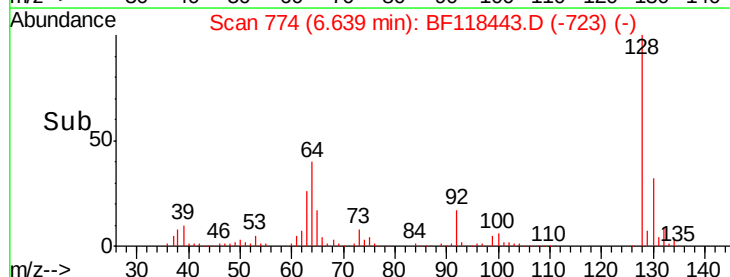
128 100

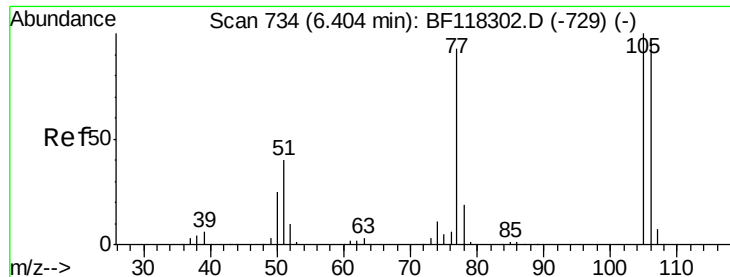
130 32.5 13.2 53.2

64 40.4 17.7 57.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.582 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

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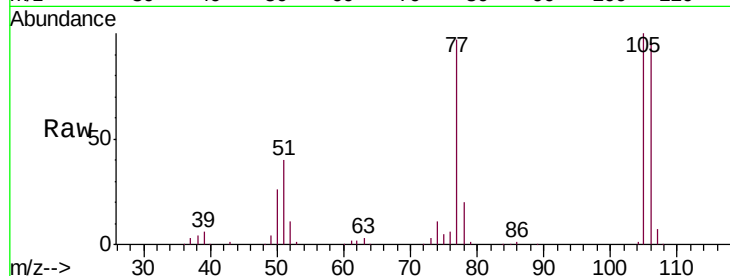
Tgt Ion: 77 Resp: 157145

Ion Ratio Lower Upper

77 100

105 103.6 87.5 127.5

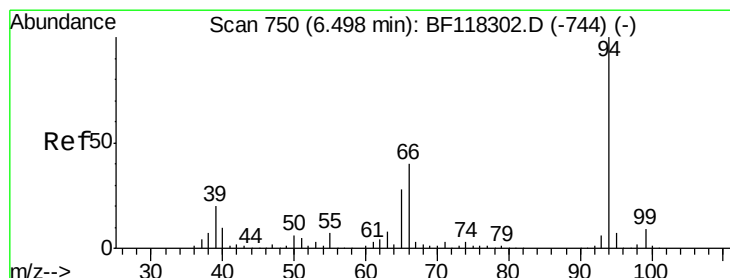
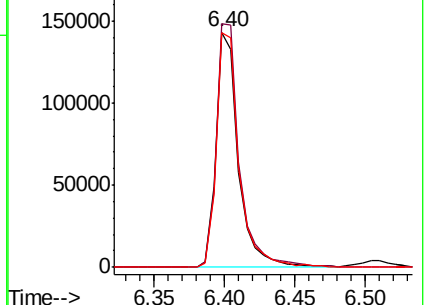
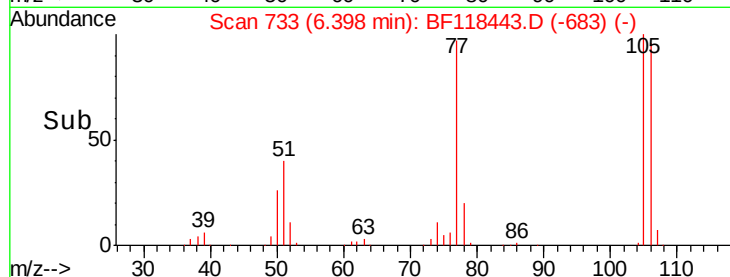
106 99.7 83.6 123.6



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: 34.807 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

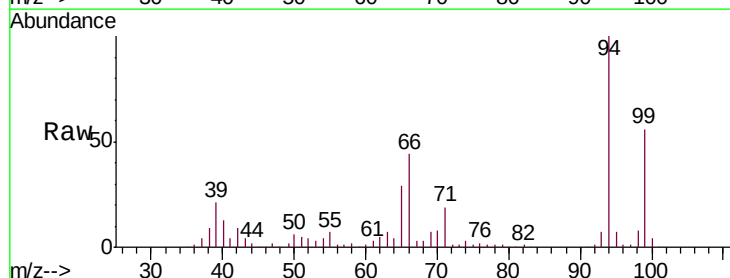
Tgt Ion: 94 Resp: 366872

Ion Ratio Lower Upper

94 100

65 29.1 7.8 47.8

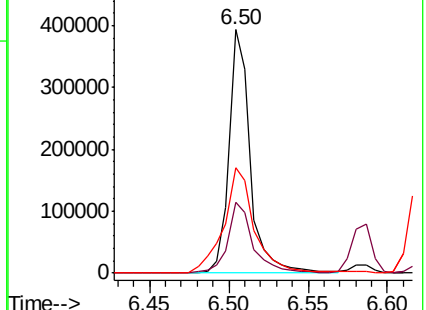
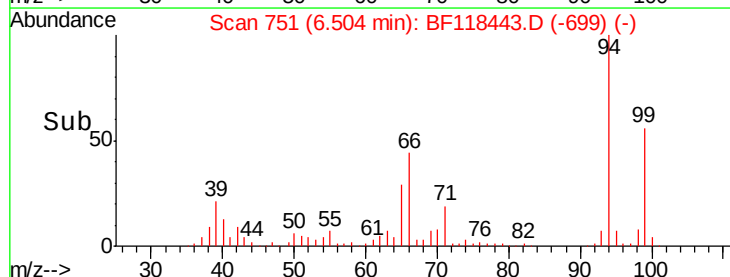
66 43.5 20.4 60.4

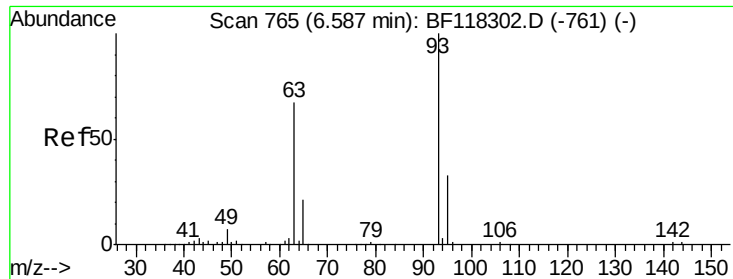


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 44.653 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MSD

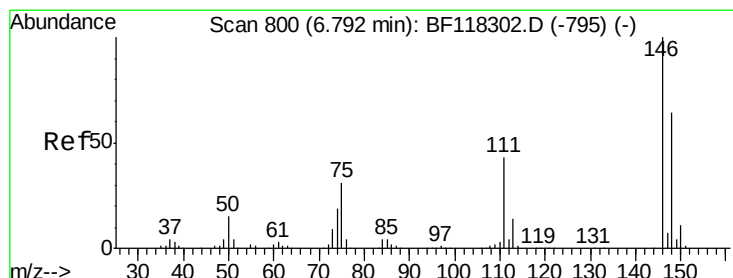
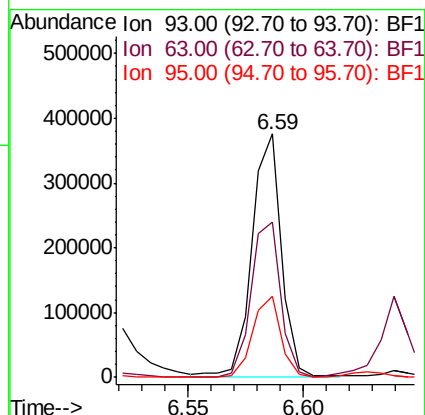
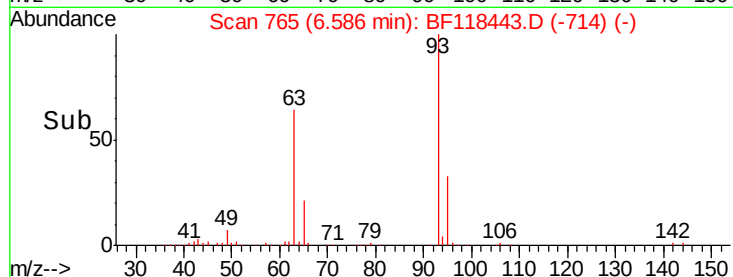
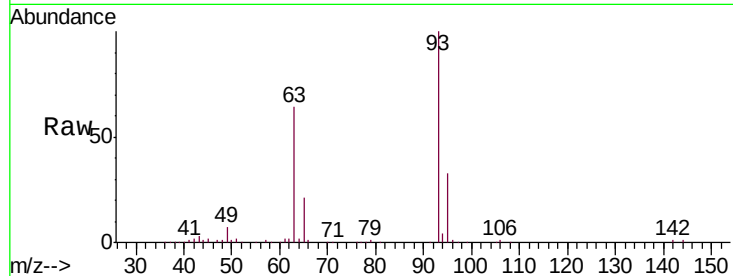
Tgt Ion: 93 Resp: 336592

Ion Ratio Lower Upper

93 100

63 63.8 47.0 87.0

95 33.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 35.898 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

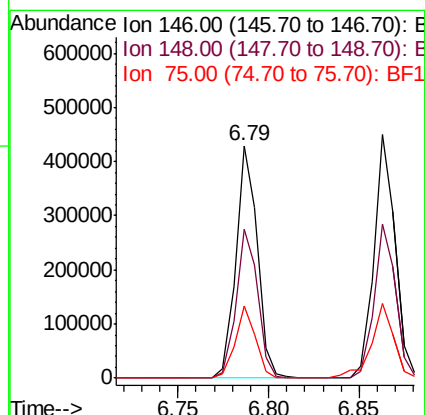
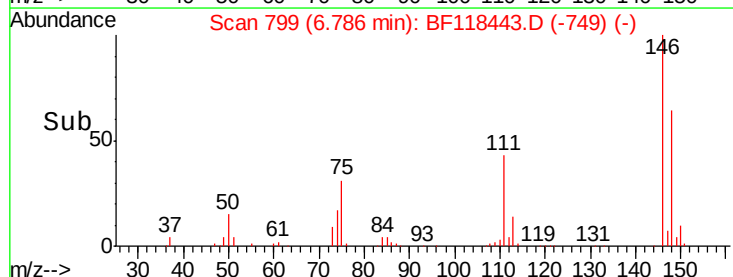
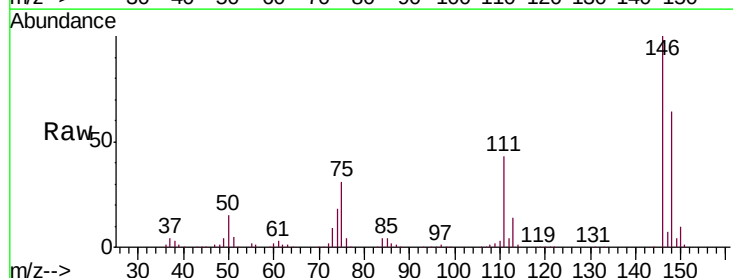
Tgt Ion: 146 Resp: 353963

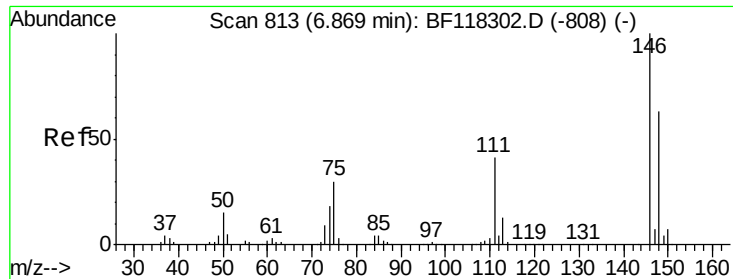
Ion Ratio Lower Upper

146 100

148 64.1 51.4 77.0

75 31.1 24.4 36.6

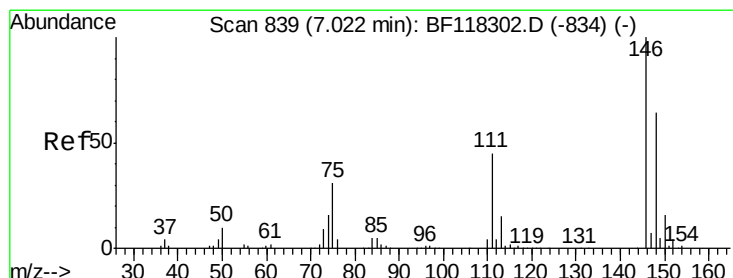
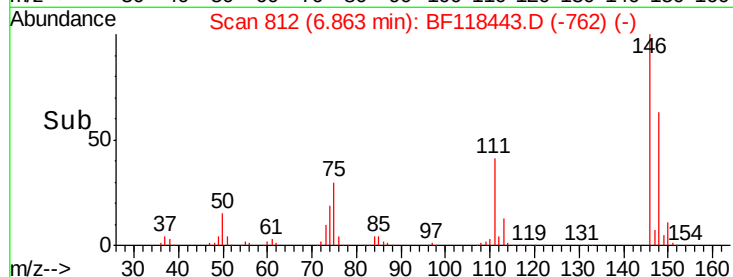
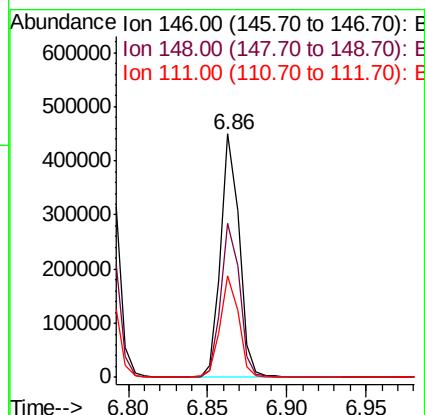
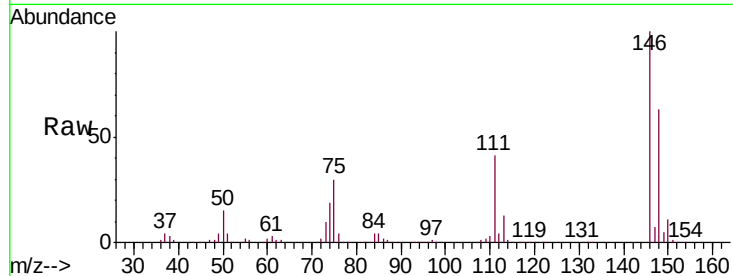




#13
 1,4-Dichlorobenzene
 Concen: 36.603 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

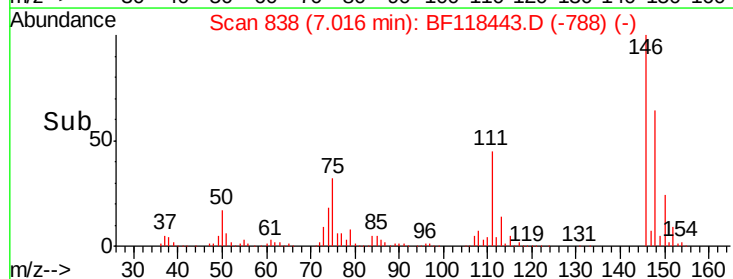
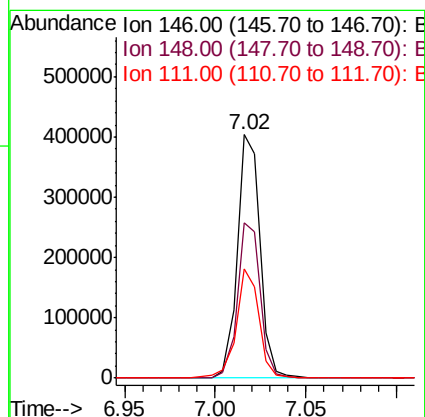
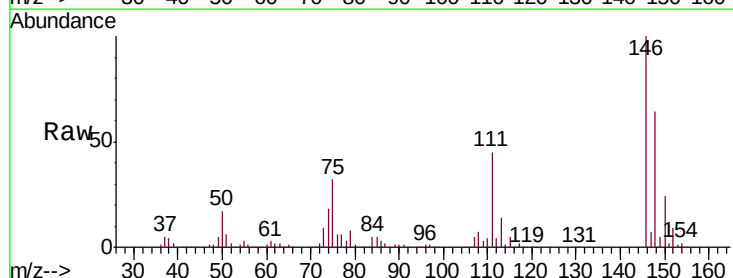
Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

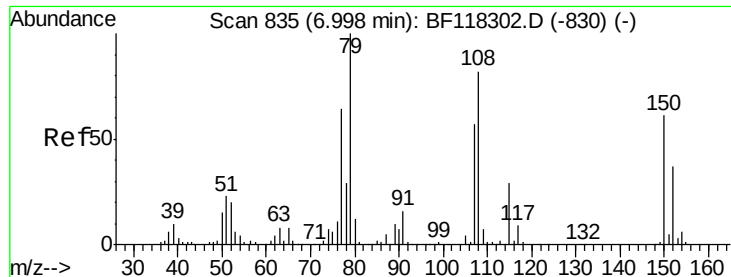
Tgt Ion:146 Resp: 366587
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.3 75.5
 111 41.5 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 37.211 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Tgt Ion:146 Resp: 351852
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.3 76.9
 111 44.9 35.7 53.5

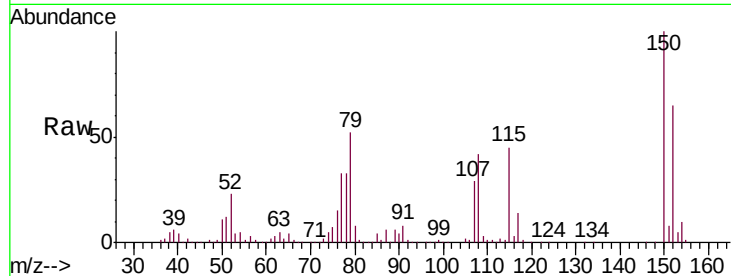




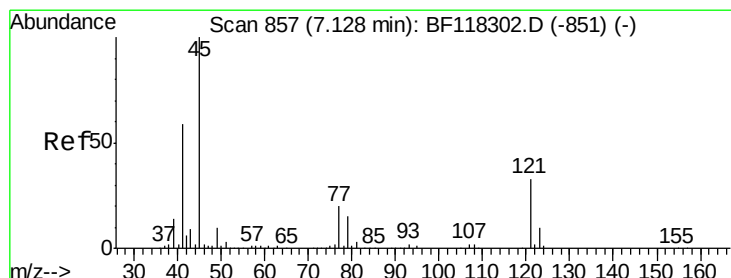
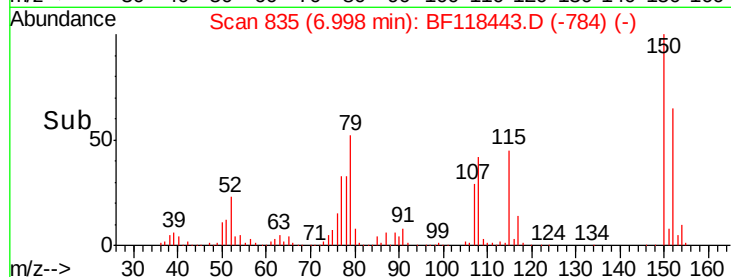
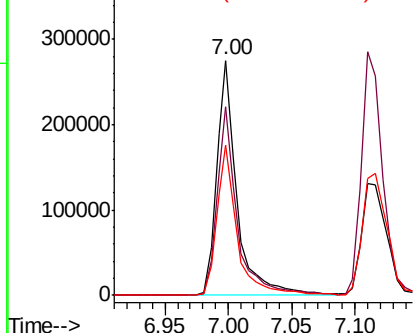
#15
Benzyl Alcohol
Concen: 43.274 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tgt Ion: 79 Resp: 308977
Ion Ratio Lower Upper
79 100
108 80.2 65.4 98.0
77 63.8 51.4 77.0

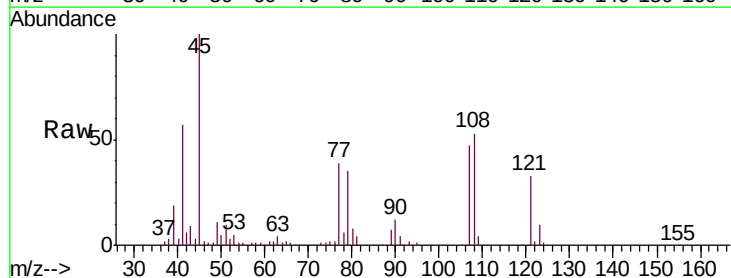


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

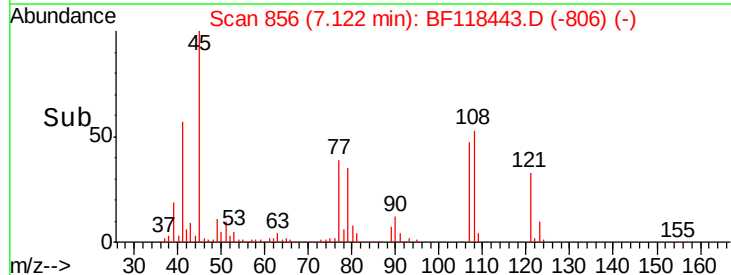
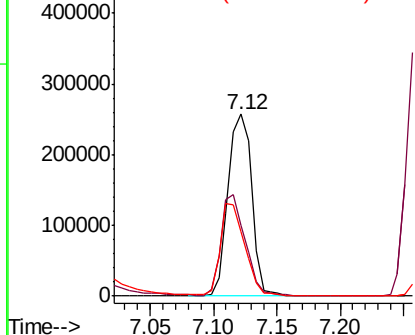


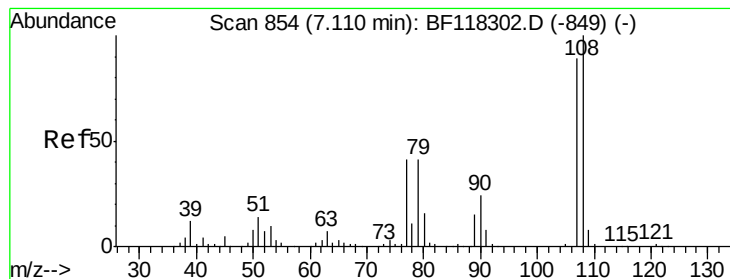
#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.183 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion: 45 Resp: 331259
Ion Ratio Lower Upper
45 100
77 39.1 1.2 41.2
79 35.1 0.0 37.0



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 42.525 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MSD

Tgt Ion:107 Resp: 292015

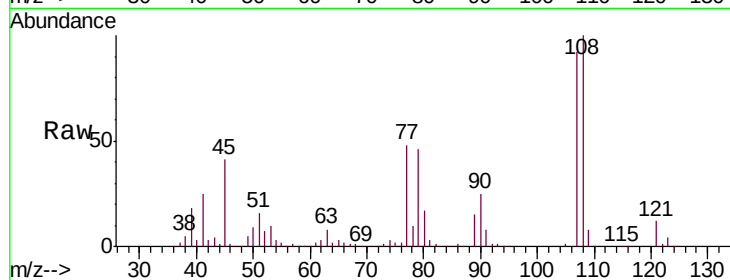
Ion Ratio Lower Upper

107 100

108 108.9 89.7 134.5

77 52.4 37.2 55.8

79 50.3 36.7 55.1

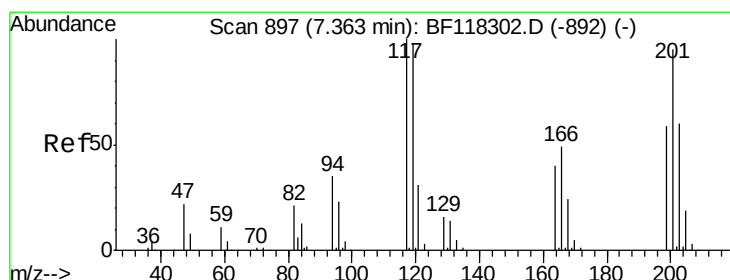
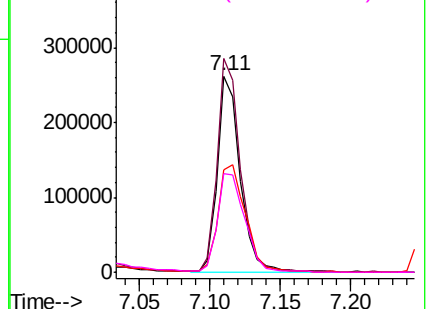
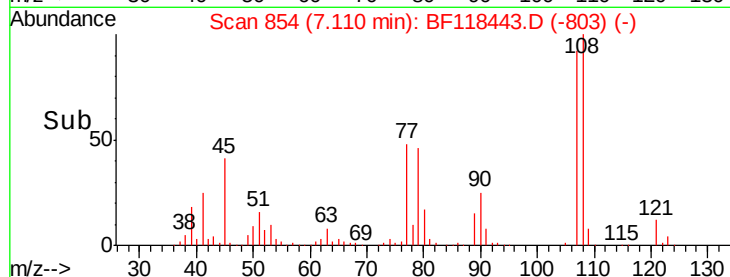


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 33.667 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

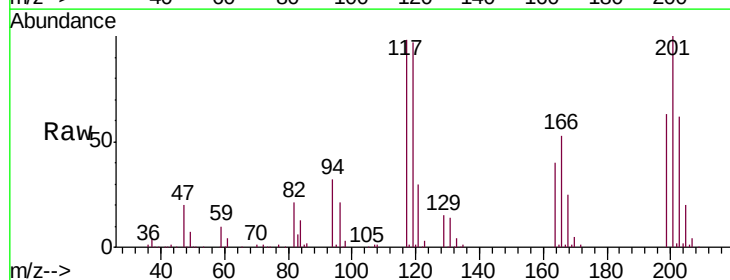
Tgt Ion:117 Resp: 123750

Ion Ratio Lower Upper

117 100

119 99.2 78.0 117.0

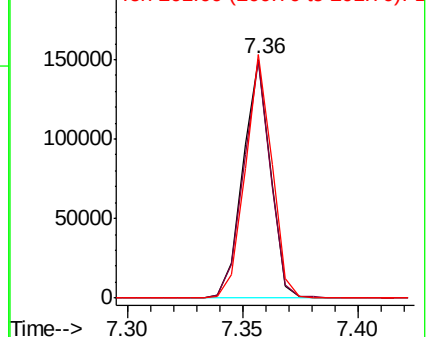
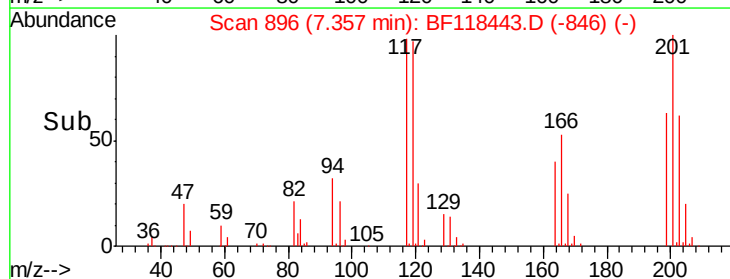
201 101.8 76.2 114.2

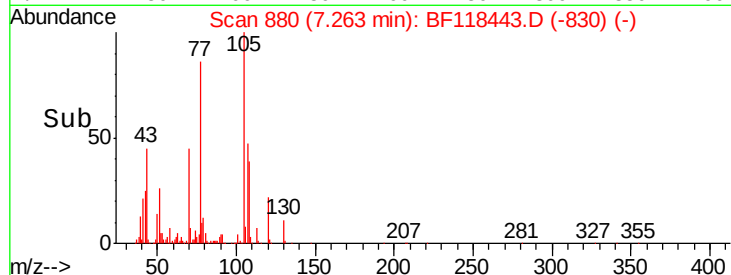
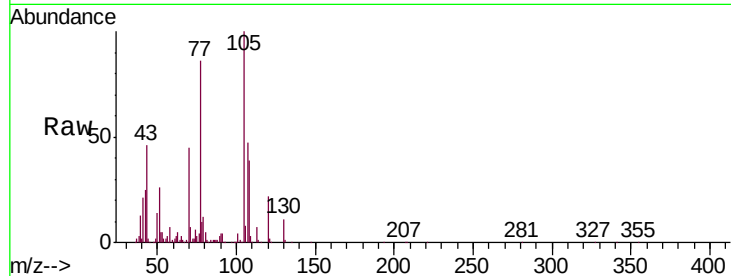
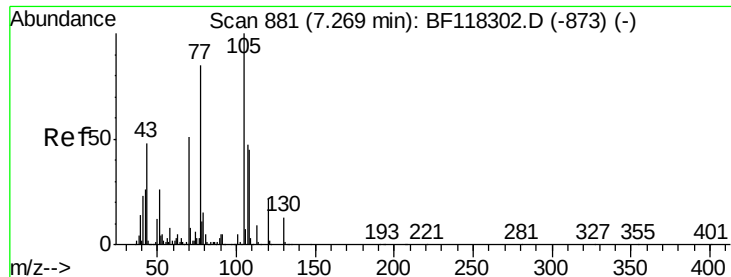


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

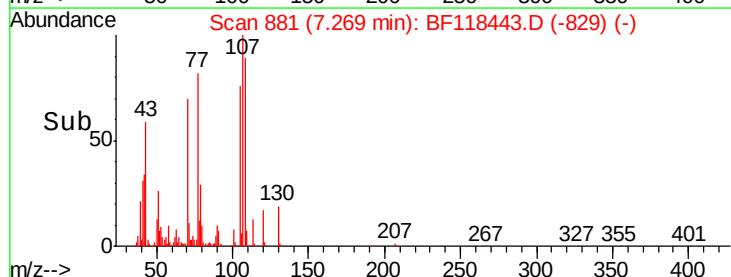
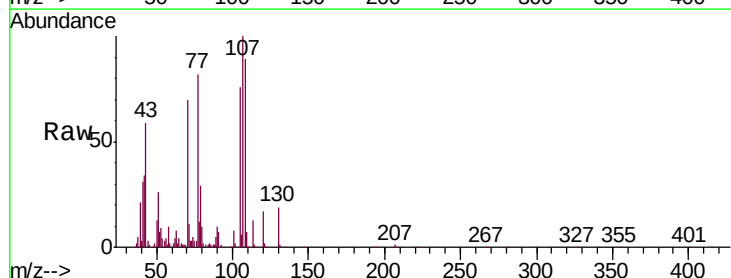
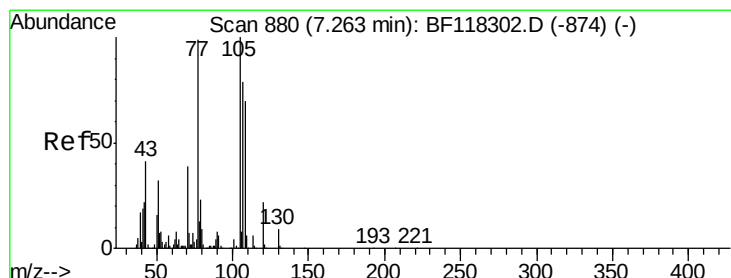
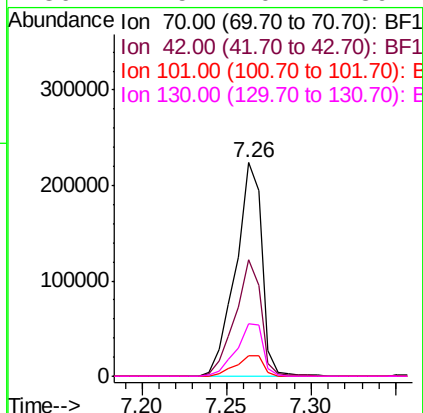




#19
n-Nitroso-di-n-propylamine
Concen: 41.972 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

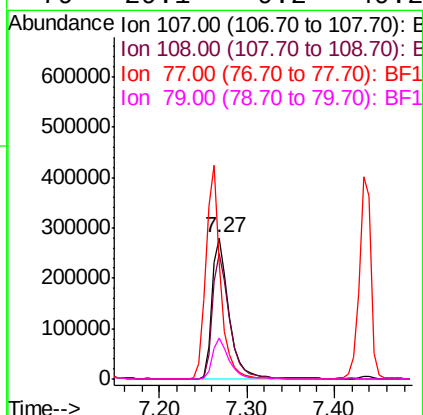
Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

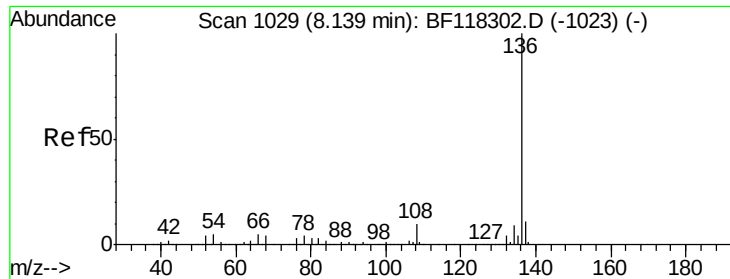
Tgt Ion:	70	Resp:	242470
Ion	Ratio	Lower	Upper
70	100		
42	54.8	41.1	61.7
101	9.3	8.3	12.5
130	24.5	20.1	30.1



#20
3+4-Methylphenols
Concen: 42.643 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion:	107	Resp:	374772
Ion	Ratio	Lower	Upper
107	100		
108	89.3	69.3	109.3
77	82.2	105.9	145.9#
79	29.1	9.2	49.2

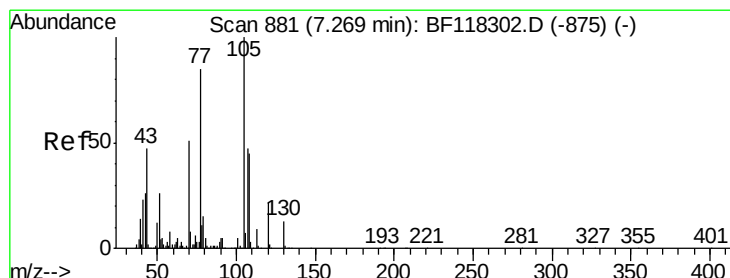
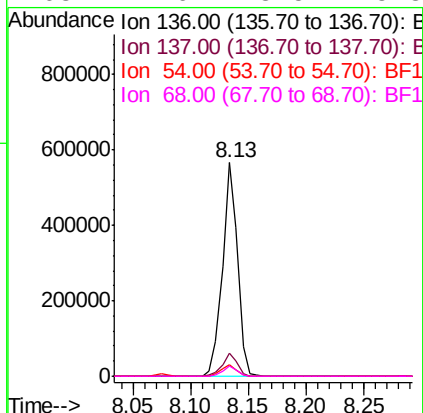
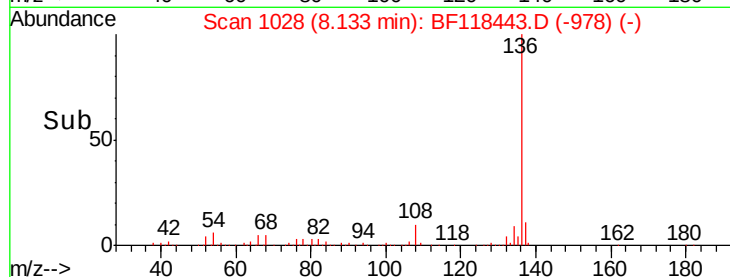
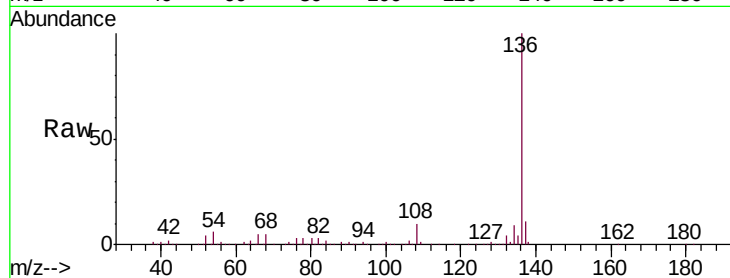




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

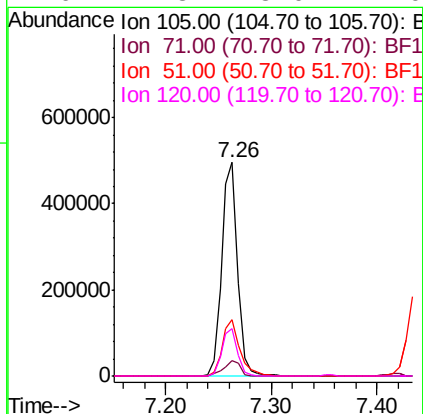
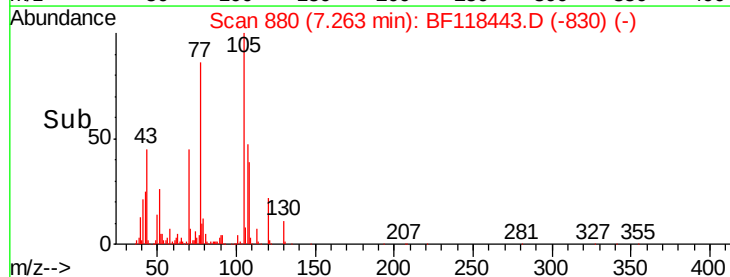
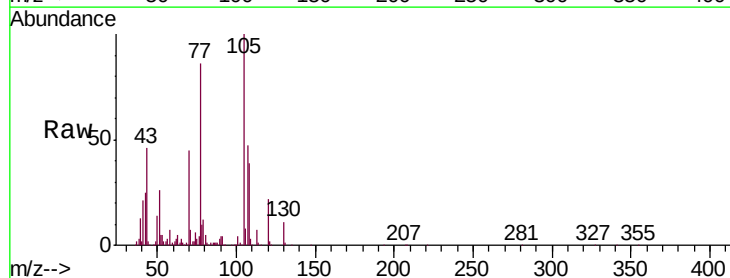
Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

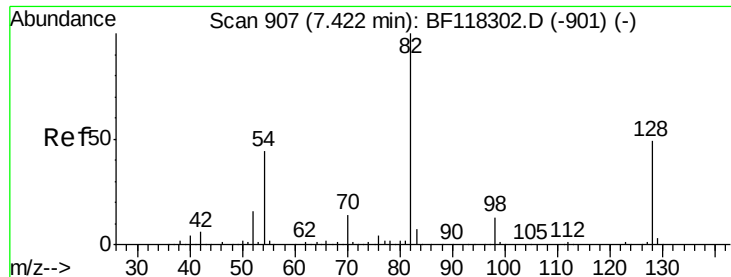
Tgt Ion:	136	Resp:	513245
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.6	4.2	6.4
68	4.6	3.5	5.3



#22
Acetophenone
Concen: 41.292 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion:	105	Resp:	519420
Ion	Ratio	Lower	Upper
105	100		
71	7.4	6.6	9.8
51	26.4	20.6	30.8
120	22.3	18.0	27.0

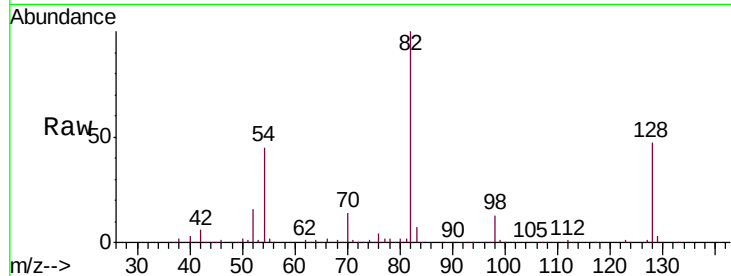




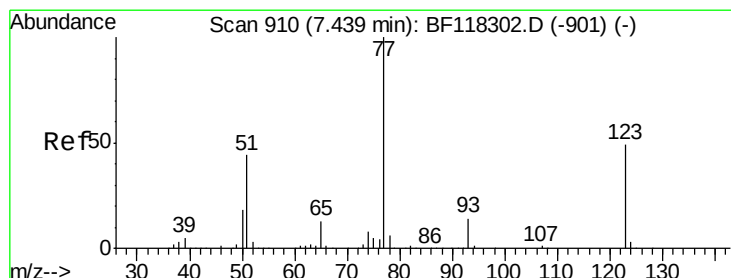
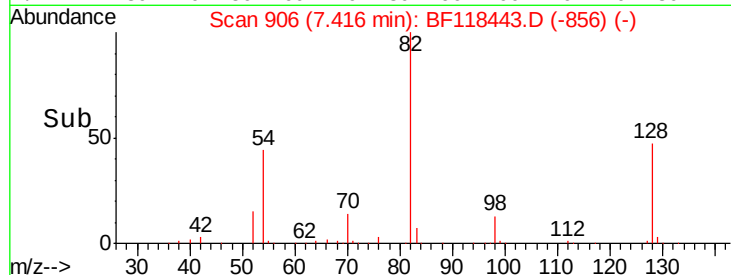
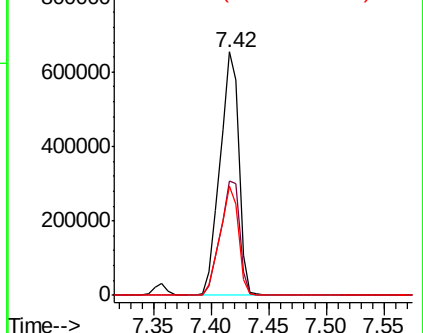
#23
 Nitrobenzene-d5
 Concen: 82.884 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

Tgt Ion: 82 Resp: 743771
 Ion Ratio Lower Upper
 82 100
 128 47.0 39.6 59.4
 54 44.8 34.9 52.3

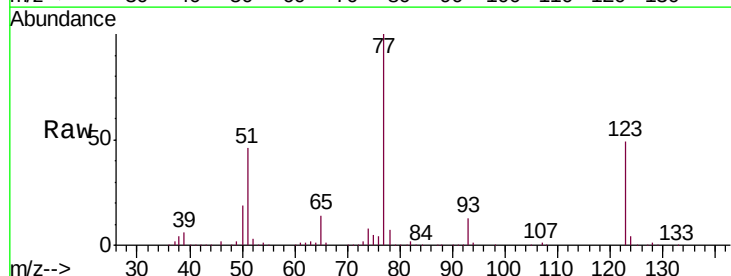


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

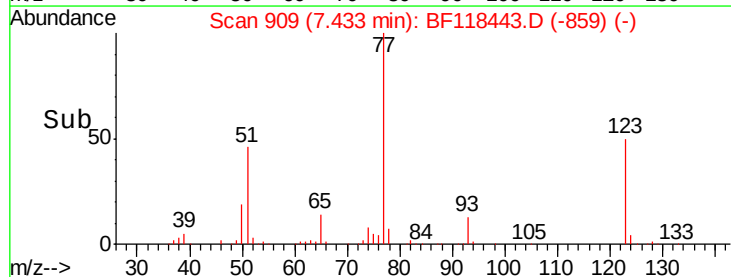
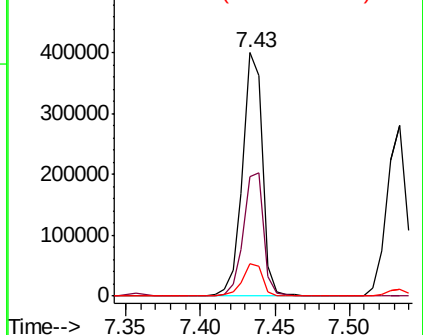


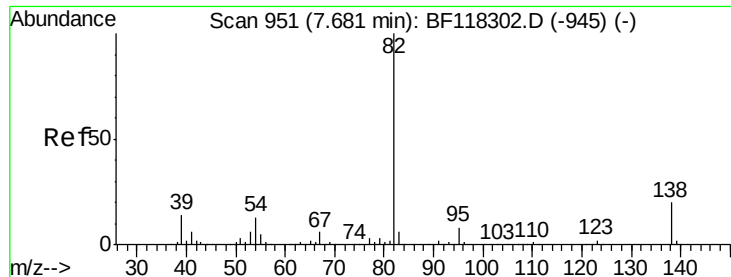
#24
 Nitrobenzene
 Concen: 41.364 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Tgt Ion: 77 Resp: 371828
 Ion Ratio Lower Upper
 77 100
 123 49.2 39.1 58.7
 65 13.6 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

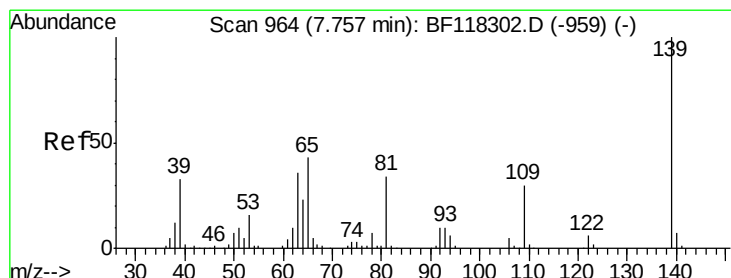
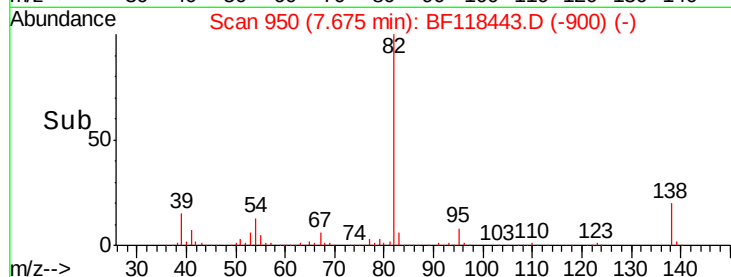
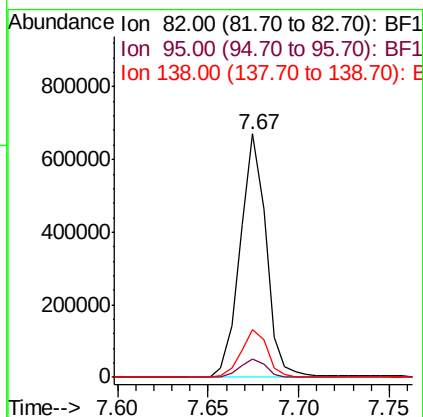
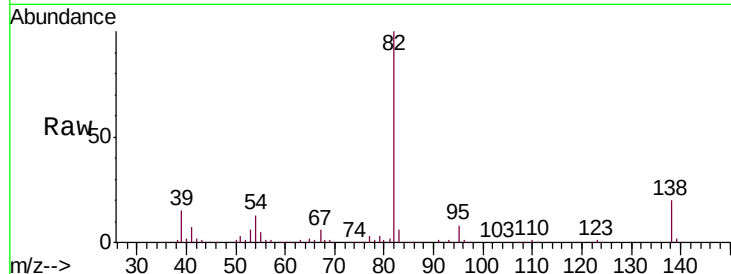




#25
Isophorone
Concen: 42.838 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

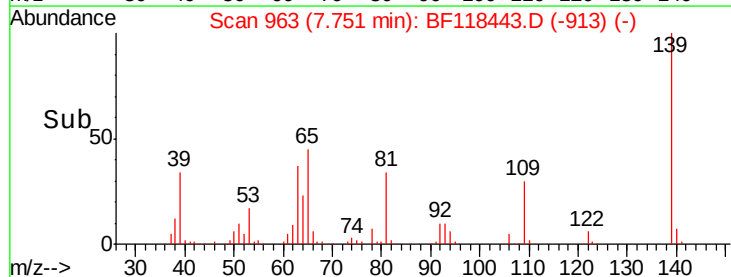
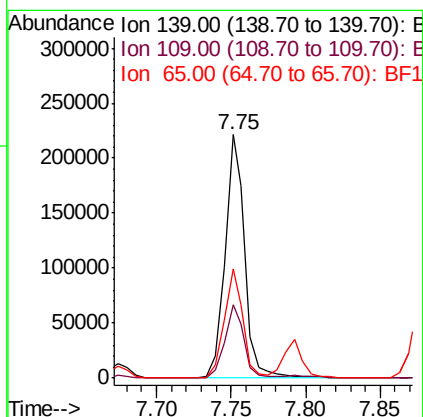
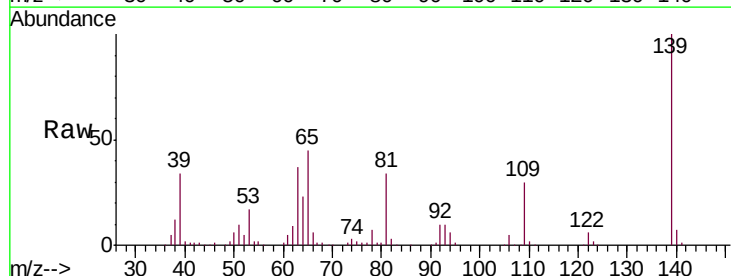
Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

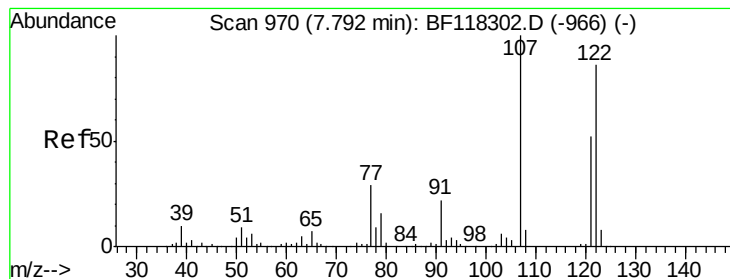
Tgt Ion: 82 Resp: 669948
Ion Ratio Lower Upper
82 100
95 7.7 6.3 9.5
138 19.8 16.2 24.2



#26
2-Nitrophenol
Concen: 43.305 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion: 139 Resp: 206186
Ion Ratio Lower Upper
139 100
109 30.4 24.1 36.1
65 45.0 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 50.293 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MSD

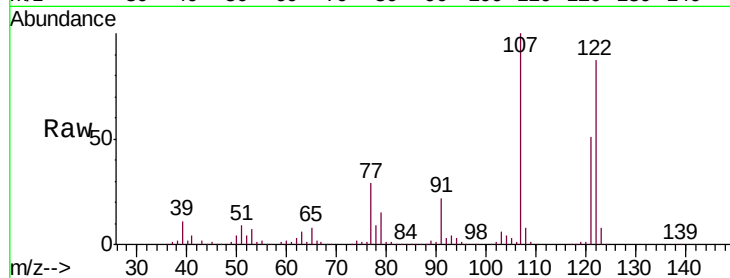
Tgt Ion:122 Resp: 326713

Ion Ratio Lower Upper

122 100

107 114.4 92.9 139.3

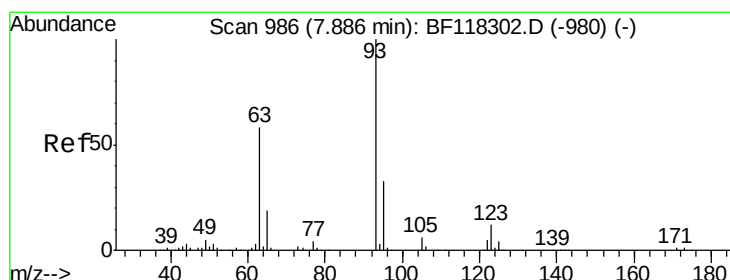
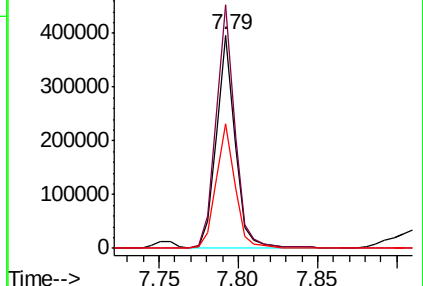
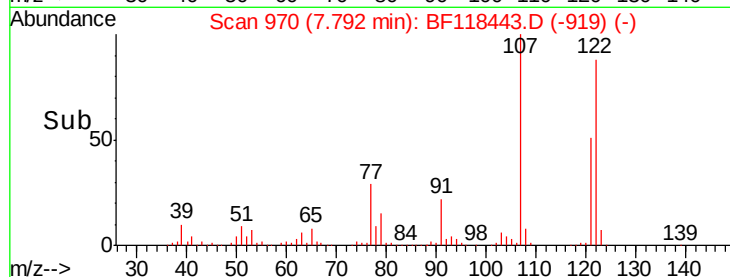
121 58.6 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.473 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

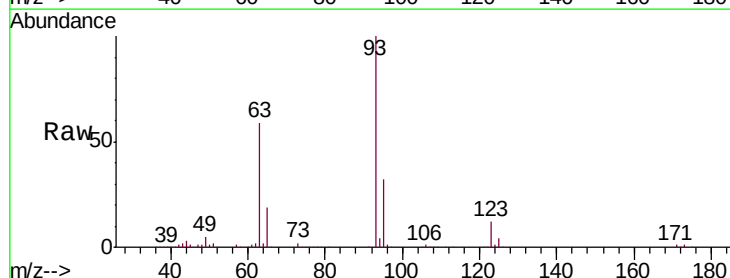
Tgt Ion: 93 Resp: 424185

Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

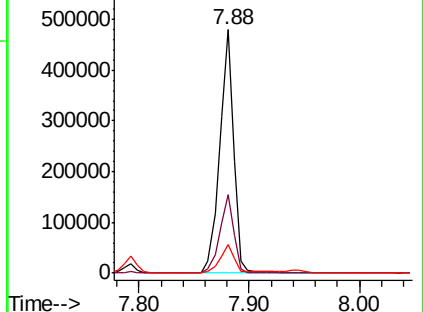
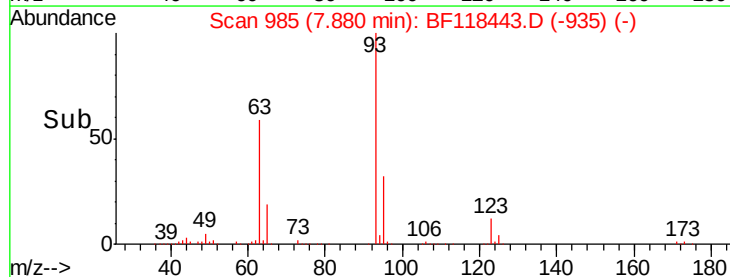
123 11.8 9.8 14.8

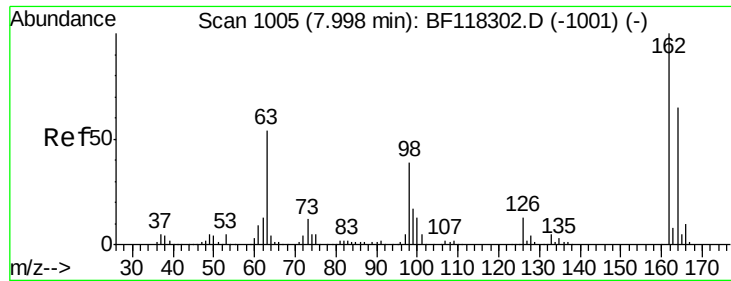


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

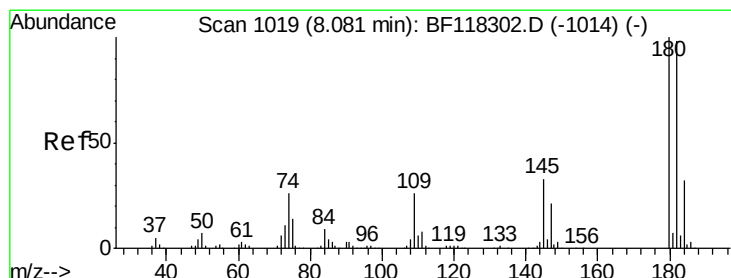
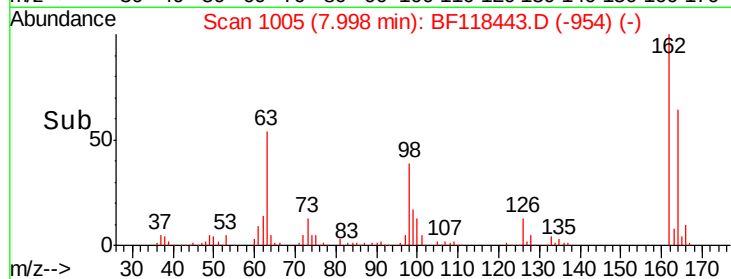
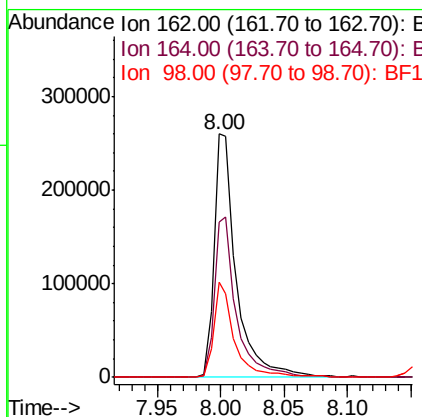
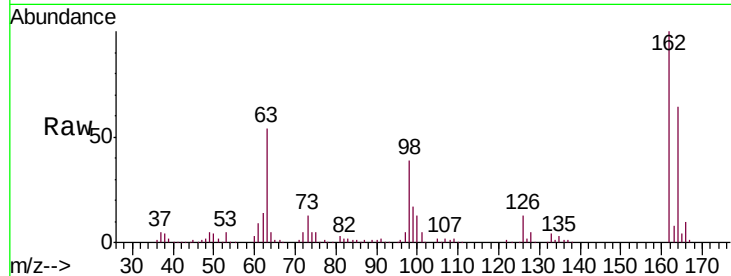




#29
 2,4-Dichlorophenol
 Concen: 42.907 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

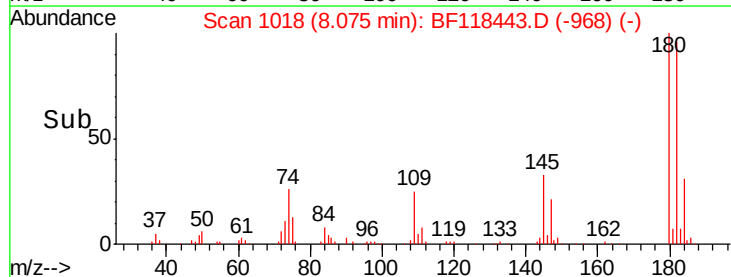
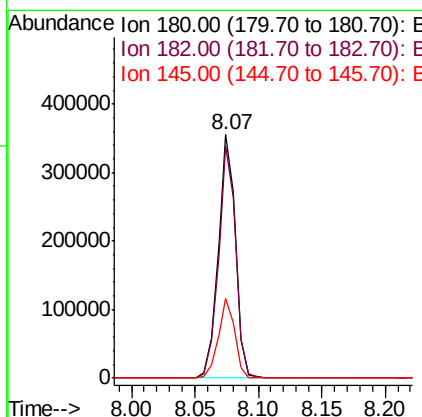
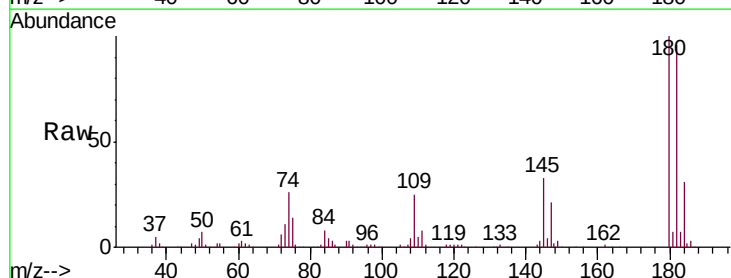
Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

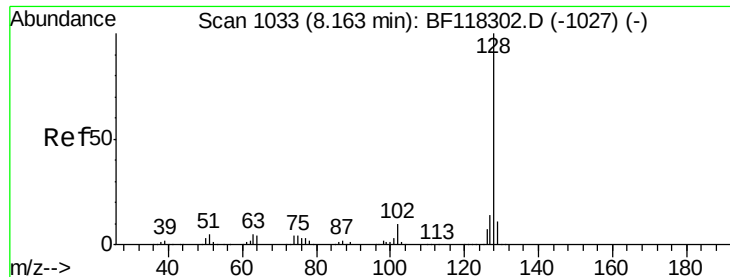
Tgt Ion:162 Resp: 320821
 Ion Ratio Lower Upper
 162 100
 164 63.7 45.1 85.1
 98 38.9 18.6 58.6



#30
 1,2,4-Trichlorobenzene
 Concen: 38.941 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Tgt Ion:180 Resp: 339175
 Ion Ratio Lower Upper
 180 100
 182 95.5 78.3 117.5
 145 32.5 26.7 40.1

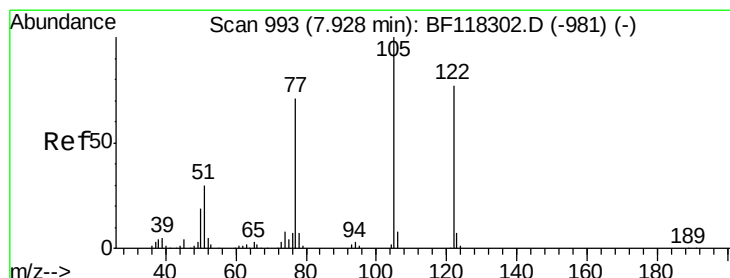
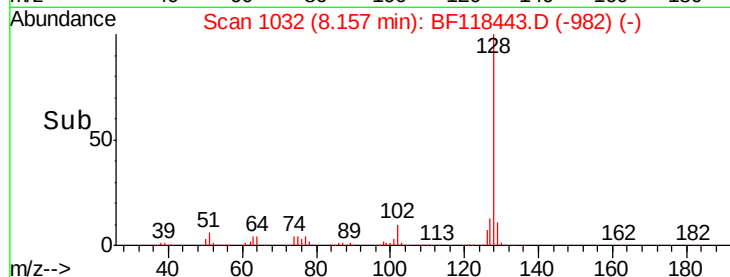
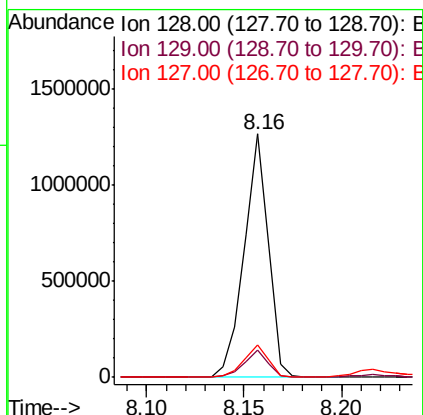
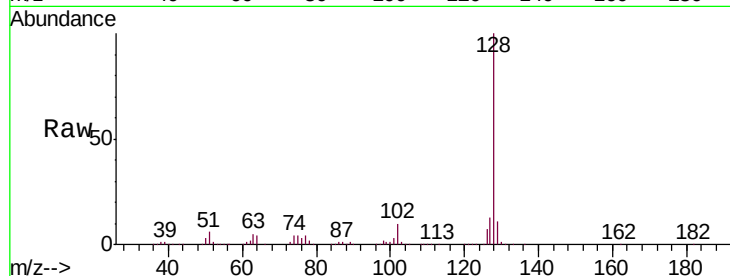




#31
Naphthalene
Concen: 41.806 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

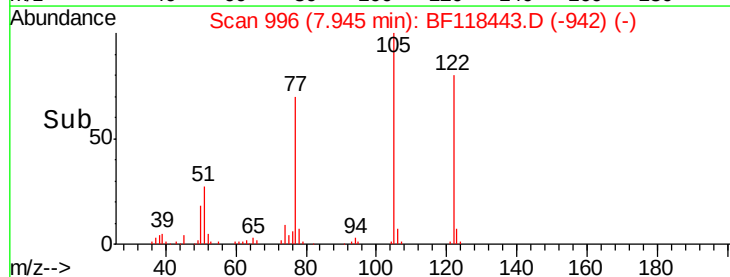
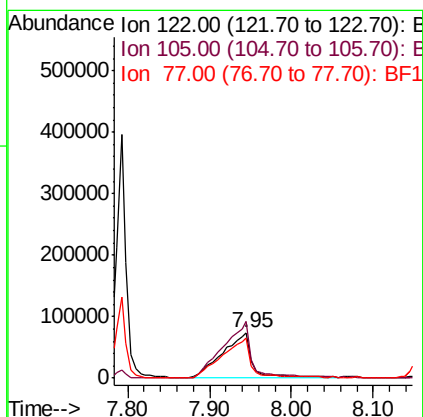
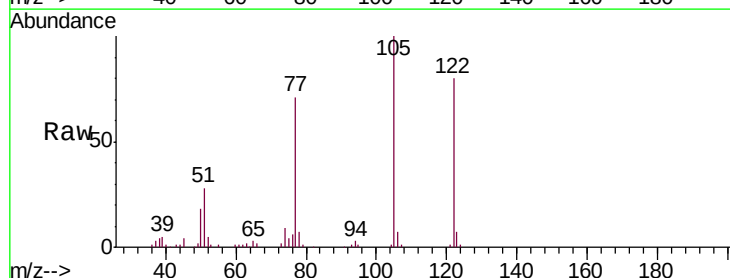
Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

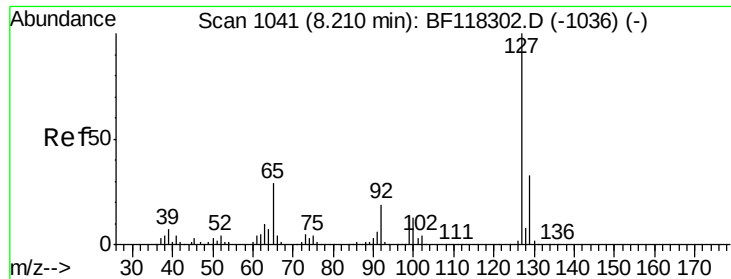
Tgt Ion:128 Resp: 1090559
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.4 11.0 16.4



#32
Benzoic acid
Concen: 35.288 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion:122 Resp: 184222
Ion Ratio Lower Upper
122 100
105 124.7 106.8 146.8
77 89.1 70.4 110.4

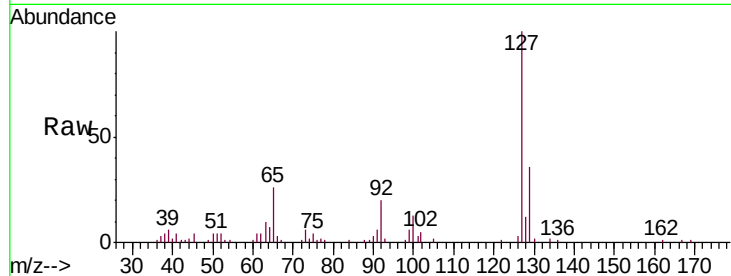




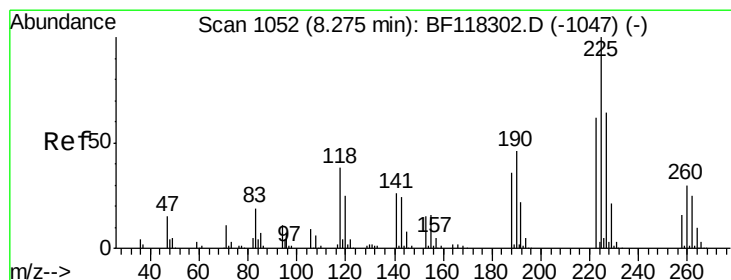
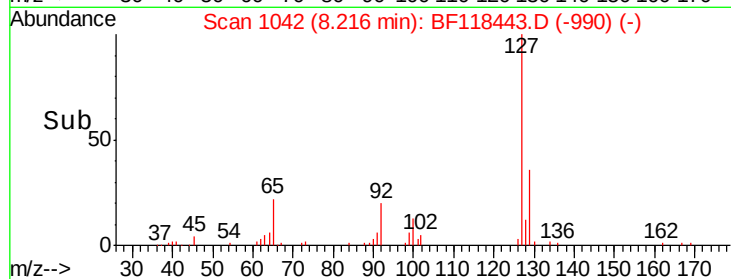
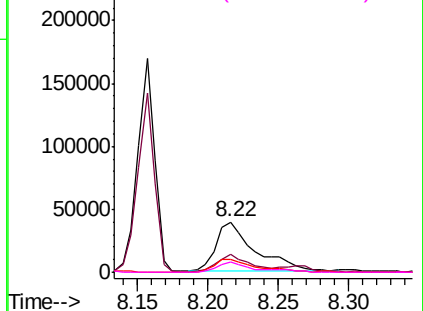
#33
 4-Chloroaniline
 Concen: 6.862 ng
 RT: 8.22 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

Tgt Ion:	127	Resp:	76733
Ion	Ratio	Lower	Upper
127	100		
129	35.8	26.5	39.7
65	26.3	22.8	34.2
92	20.1	15.5	23.3

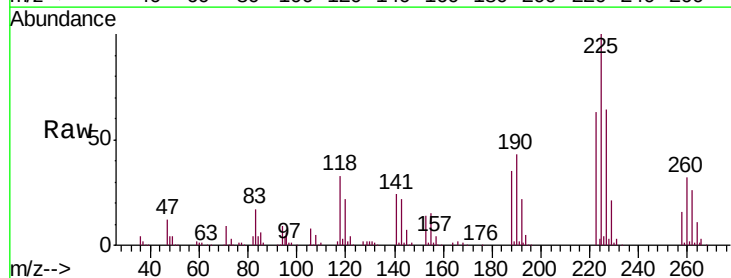


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

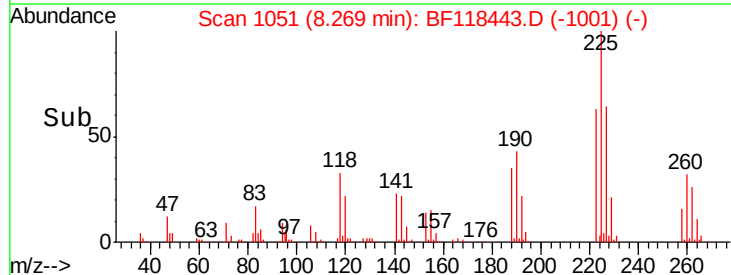
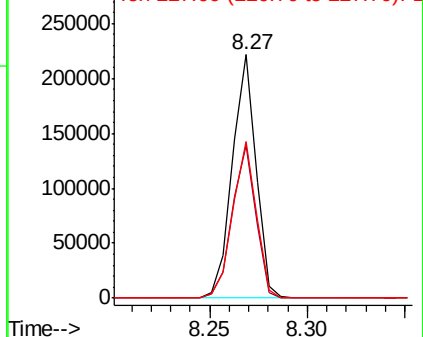


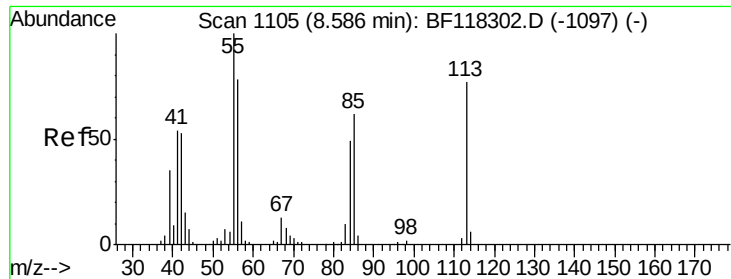
#34
 Hexachlorobutadiene
 Concen: 36.028 ng
 RT: 8.27 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Tgt Ion:	225	Resp:	186797
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.5	74.3
227	64.3	51.0	76.4



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

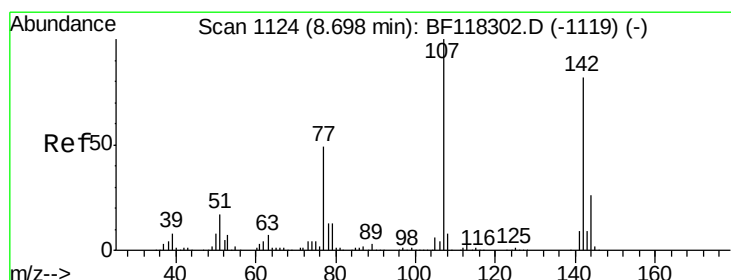
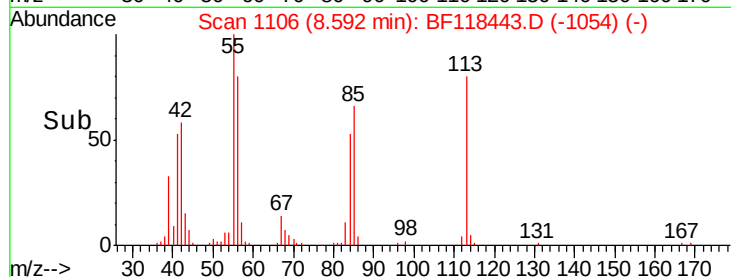
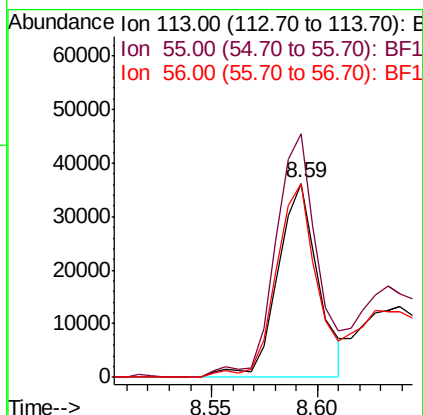
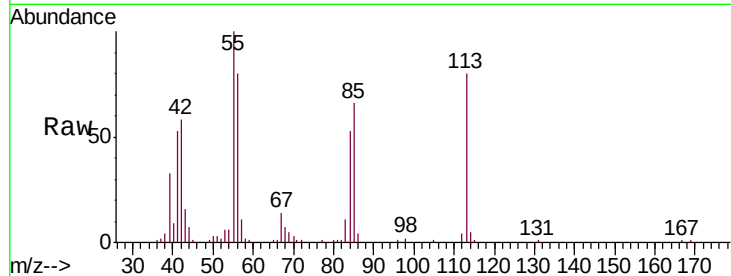




#35
 Caprolactam
 Concen: 20.692 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

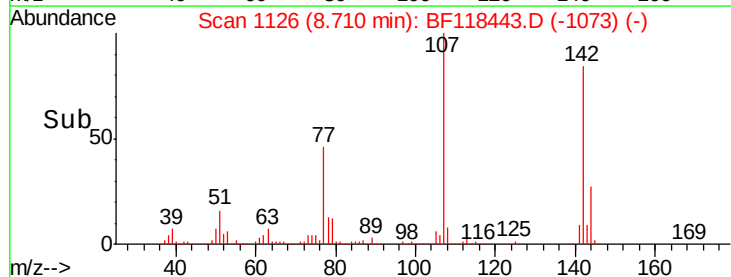
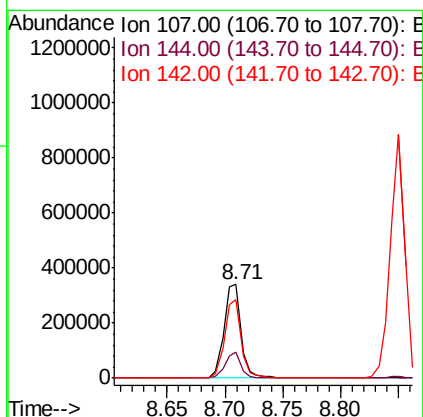
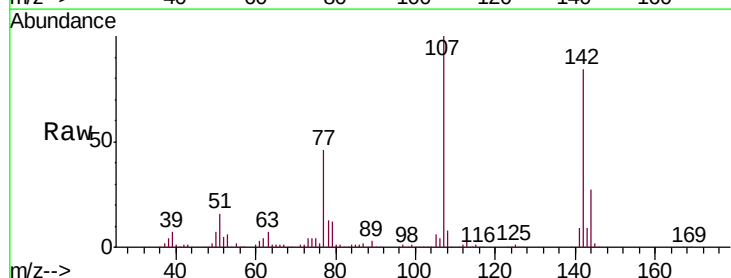
Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

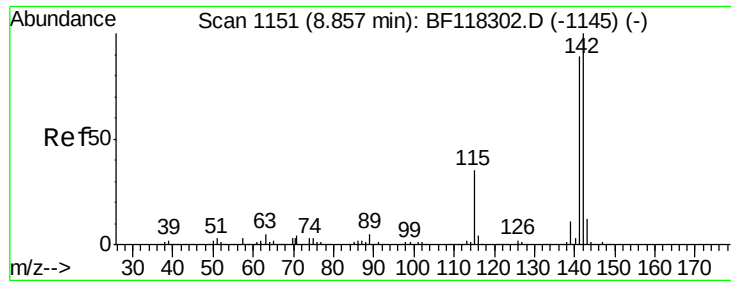
Tgt Ion:113 Resp: 48303
 Ion Ratio Lower Upper
 113 100
 55 125.5 109.8 149.8
 56 100.1 81.7 121.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.429 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Tgt Ion:107 Resp: 348642
 Ion Ratio Lower Upper
 107 100
 144 27.5 21.2 31.8
 142 83.7 65.4 98.2

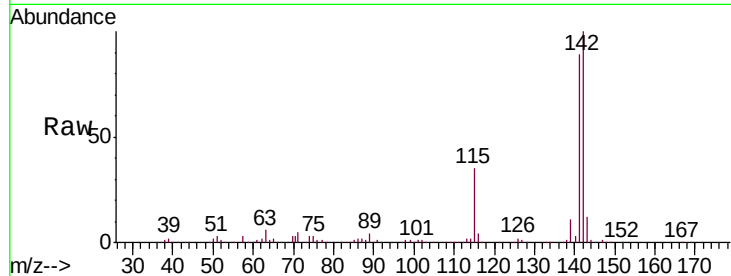




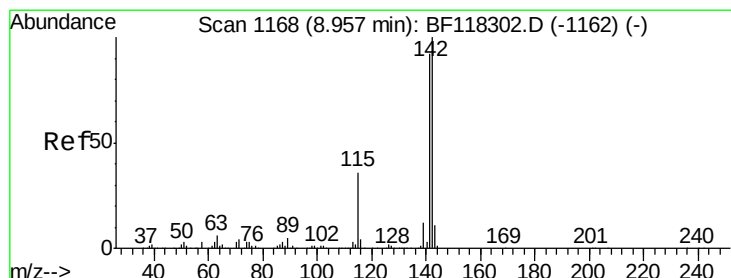
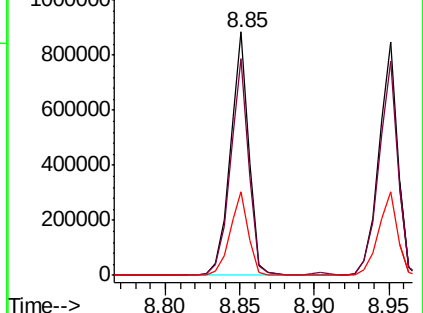
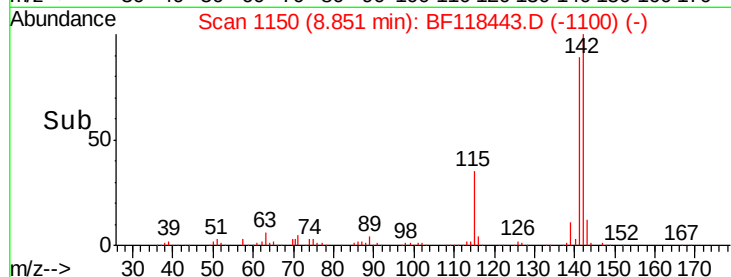
#37
 2-Methylnaphthalene
 Concen: 43.225 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.2	106.8
115	34.5	28.0	42.0

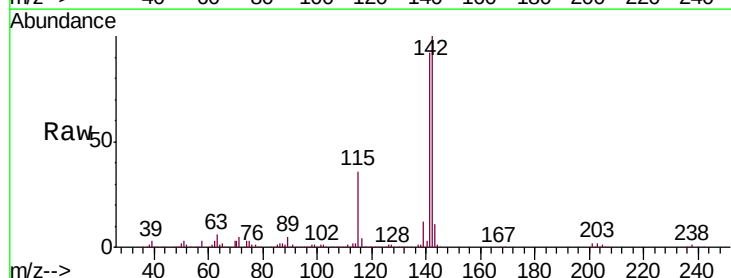


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

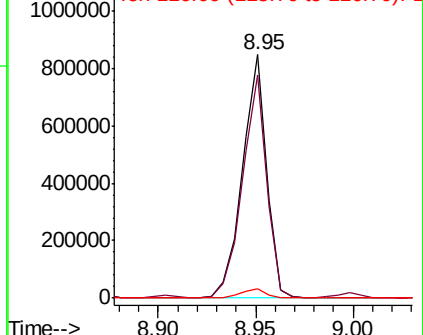
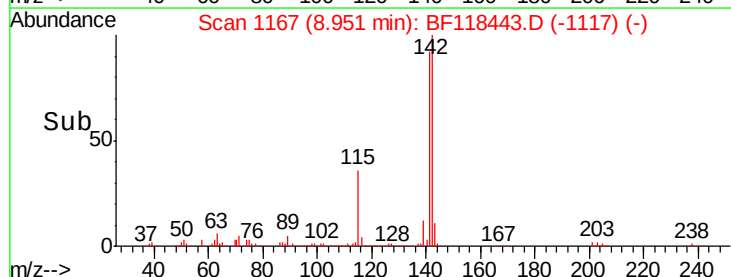


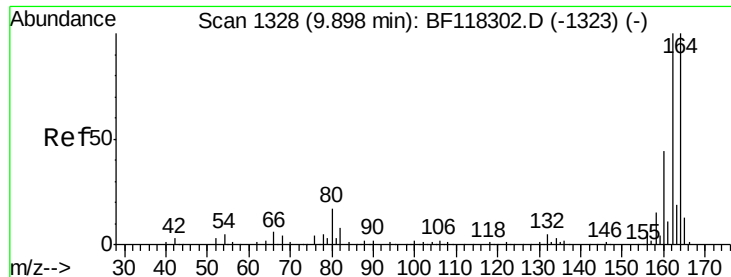
#38
 1-Methylnaphthalene
 Concen: 43.169 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.2
116	3.8	2.9	4.3



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: 9.90 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MSD

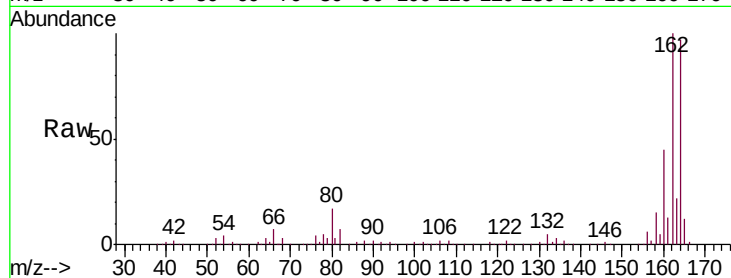
Tgt Ion:164 Resp: 274194

Ion Ratio Lower Upper

164 100

162 102.7 80.0 120.0

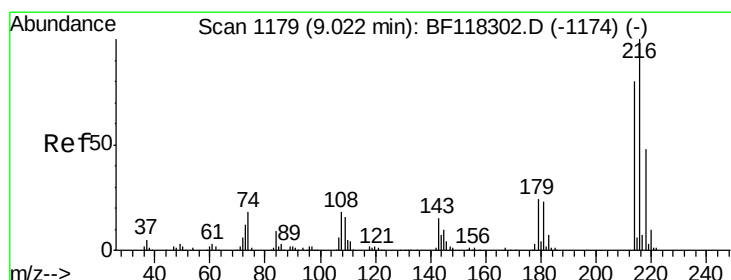
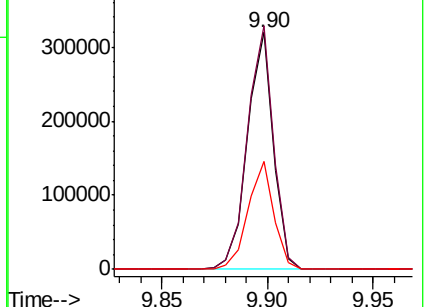
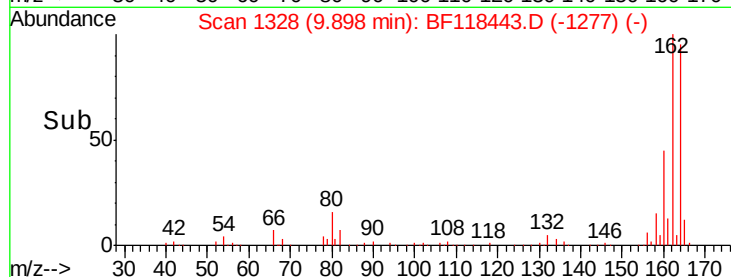
160 45.7 34.8 52.2



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: 41.261 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Tgt Ion:216 Resp: 339926

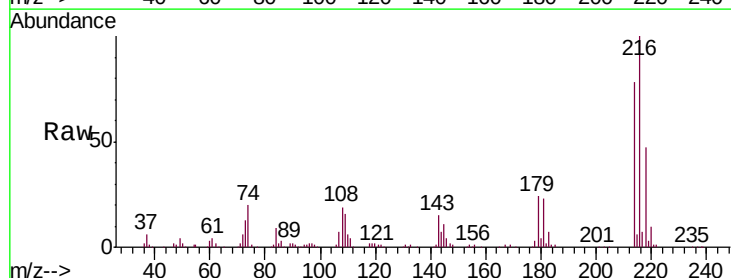
Ion Ratio Lower Upper

216 100

214 78.3 63.3 94.9

179 23.0 18.9 28.3

108 18.5 15.0 22.6

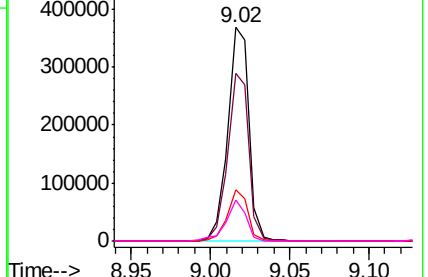
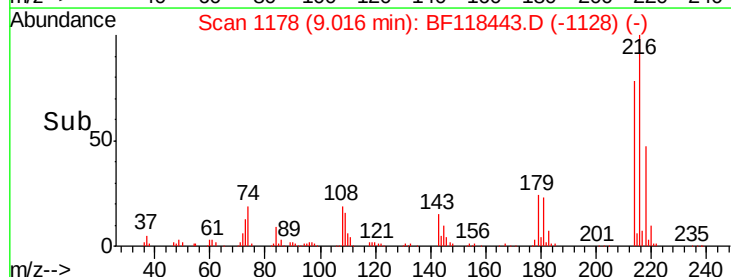


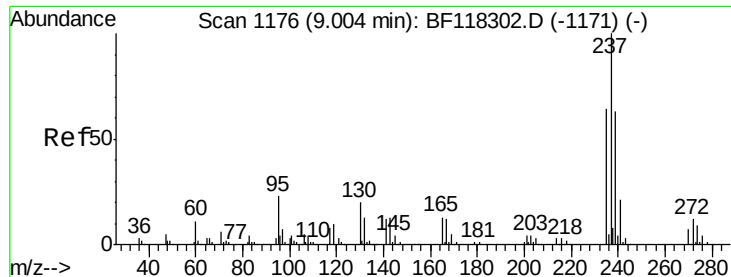
Abundance Ion 216.00 (215.70 to 216.70): E

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

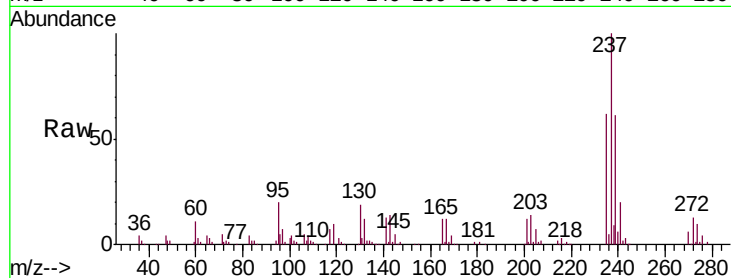




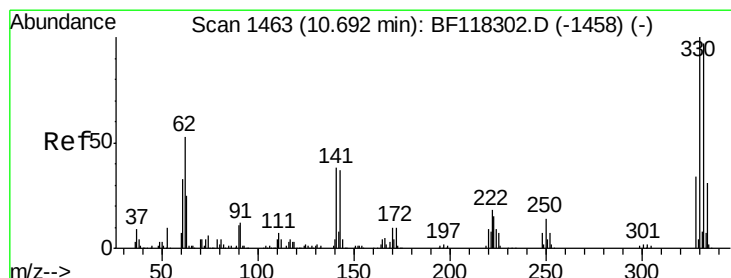
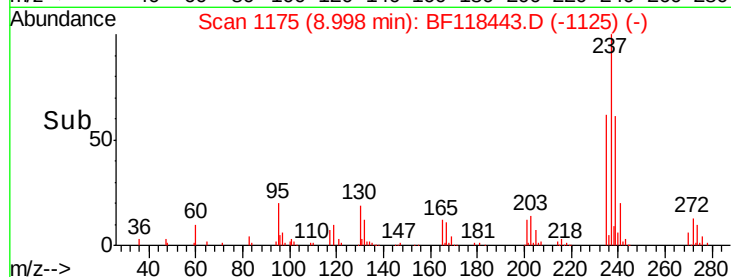
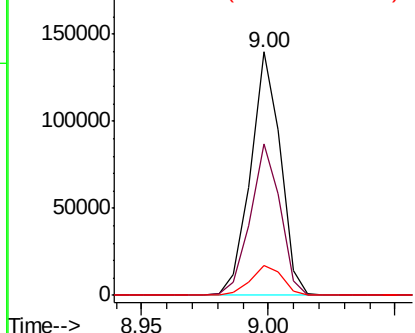
#41
Hexachlorocyclopentadiene
Concen: 38.383 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tgt Ion: 237 Resp: 114766
Ion Ratio Lower Upper
237 100
235 62.0 43.8 83.8
272 12.5 0.0 31.7

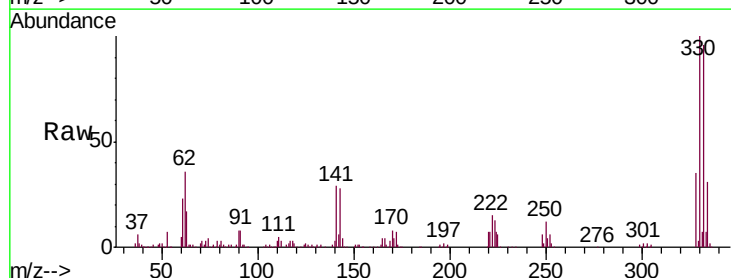


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

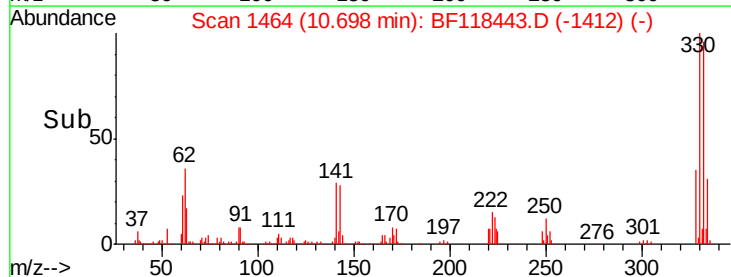
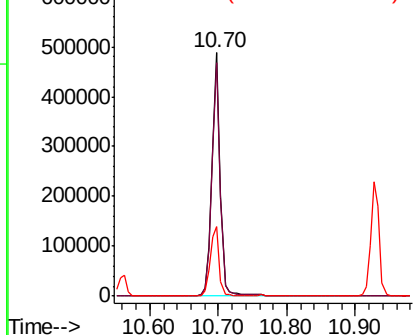


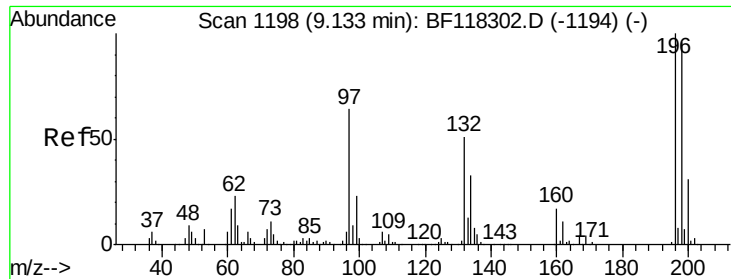
#42
2,4,6-Tribromophenol
Concen: 124.083 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion: 330 Resp: 420158
Ion Ratio Lower Upper
330 100
332 96.0 76.6 114.8
141 30.9 26.0 39.0



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

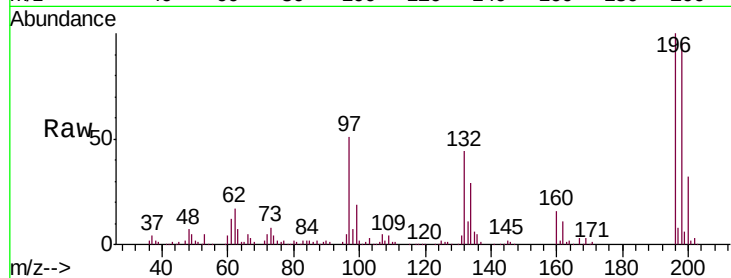




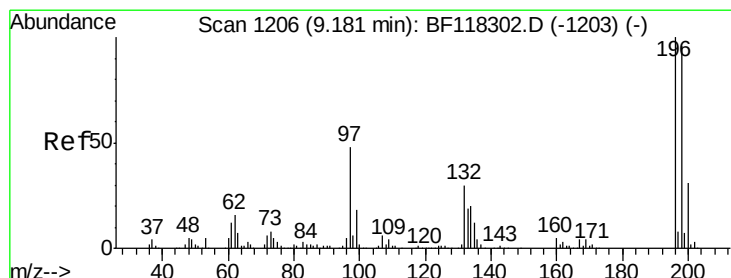
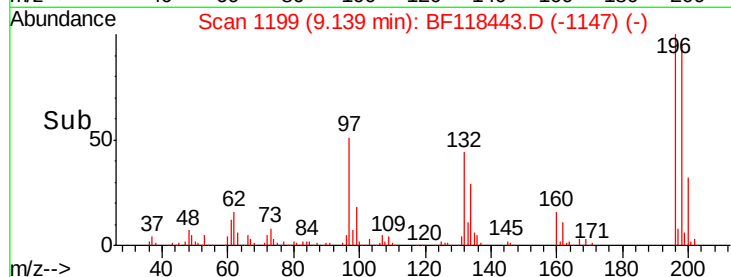
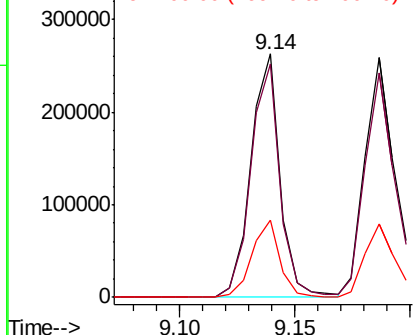
#43
 2,4,6-Trichlorophenol
 Concen: 42.244 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

Tgt Ion:196 Resp: 232503
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.7 115.1
 200 31.9 24.8 37.2

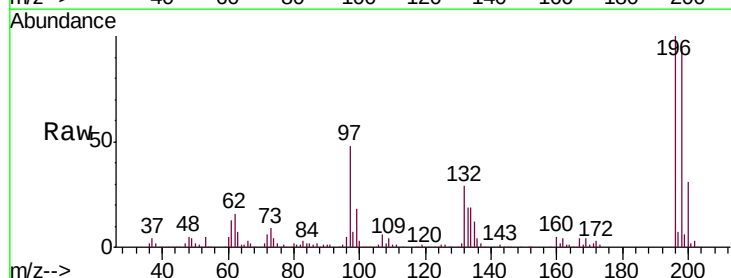


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

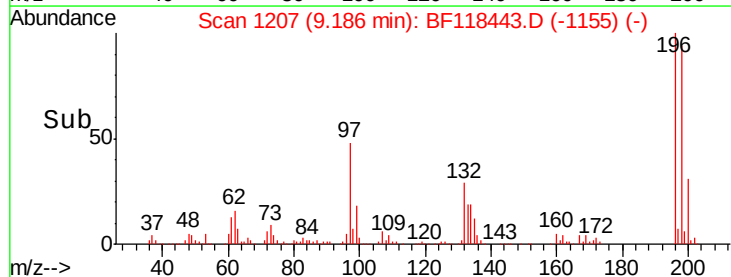
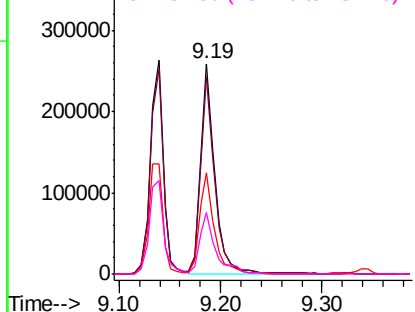


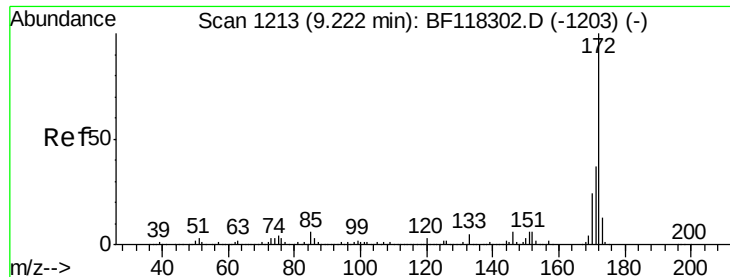
#44
 2,4,5-Trichlorophenol
 Concen: 44.607 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Tgt Ion:196 Resp: 252553
 Ion Ratio Lower Upper
 196 100
 198 93.7 77.0 115.4
 97 48.3 38.9 58.3
 132 29.1 23.9 35.9



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

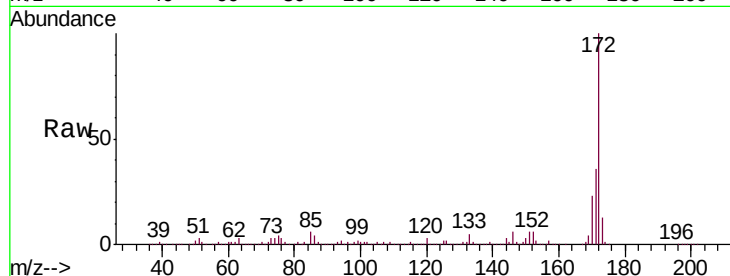




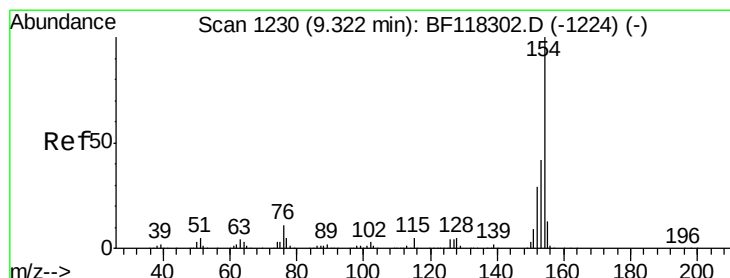
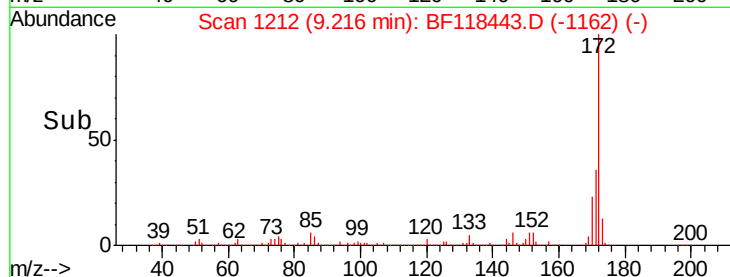
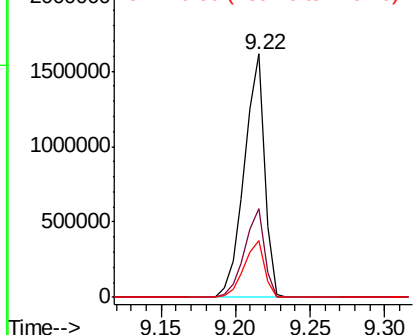
#45
2-Fluorobiphenyl
Concen: 84.940 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tgt Ion:172 Resp: 1525750
Ion Ratio Lower Upper
172 100
171 36.4 29.3 43.9
170 23.3 19.2 28.8

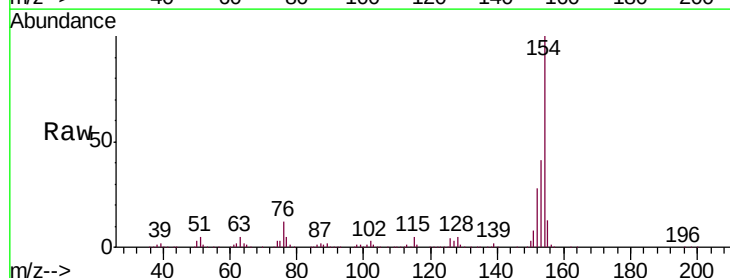


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

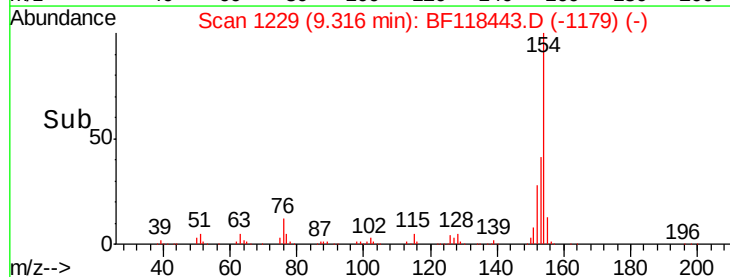
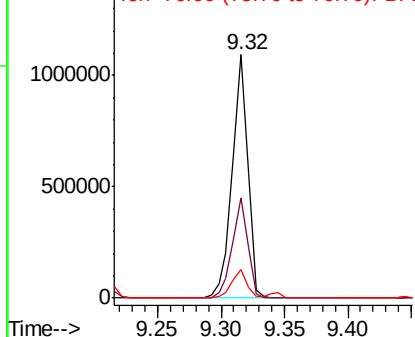


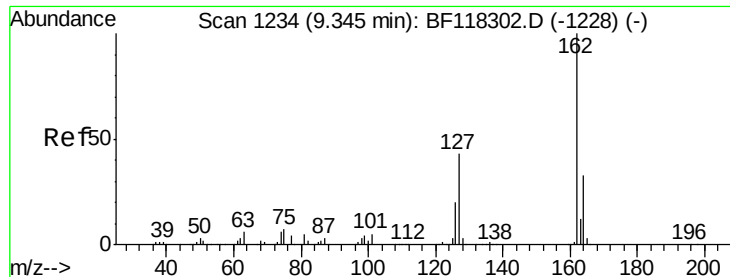
#46
1,1'-Biphenyl
Concen: 42.669 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion:154 Resp: 925367
Ion Ratio Lower Upper
154 100
153 41.0 21.8 61.8
76 11.6 0.0 30.9



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





#47

2-Chloronaphthalene

Concen: 41.057 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MSD

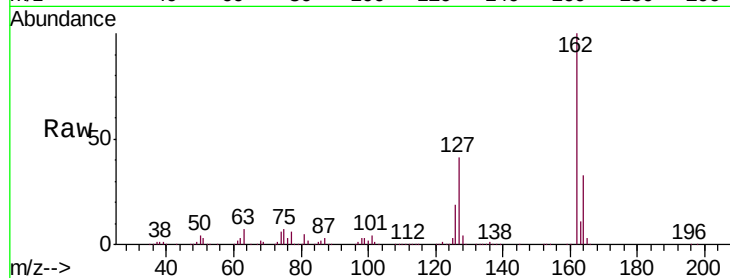
Tgt Ion: 162 Resp: 716629

Ion Ratio Lower Upper

162 100

127 41.3 35.0 52.4

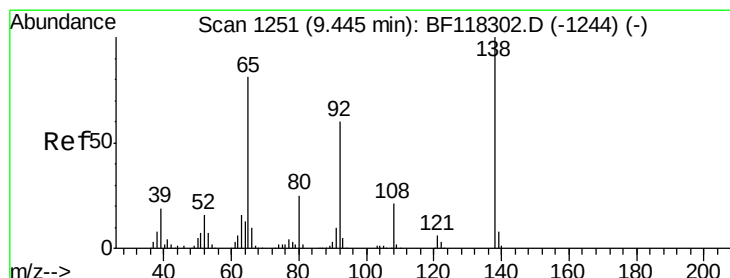
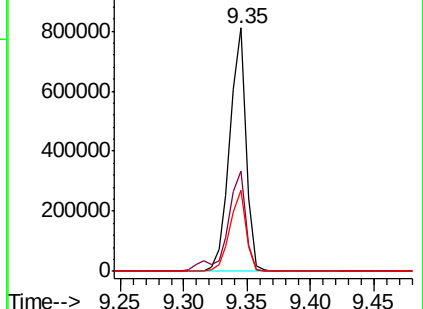
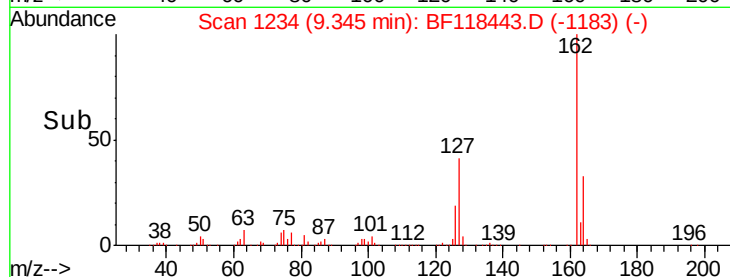
164 33.3 26.6 40.0



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: 41.617 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

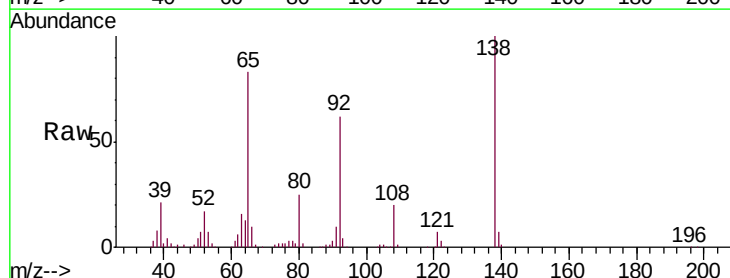
Tgt Ion: 65 Resp: 205177

Ion Ratio Lower Upper

65 100

92 75.5 58.7 88.1

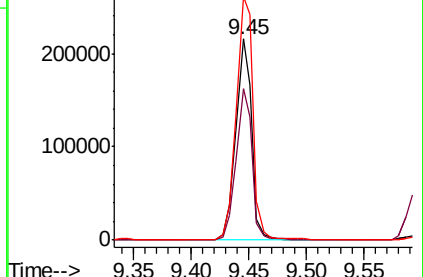
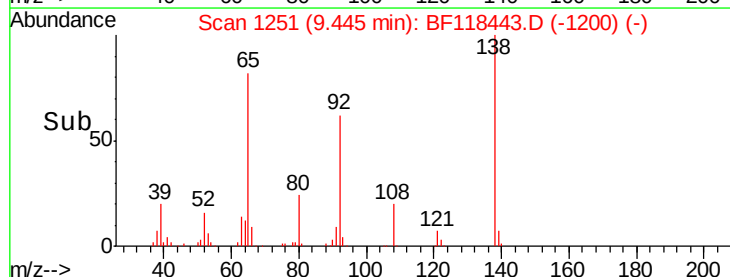
138 121.1 98.5 147.7

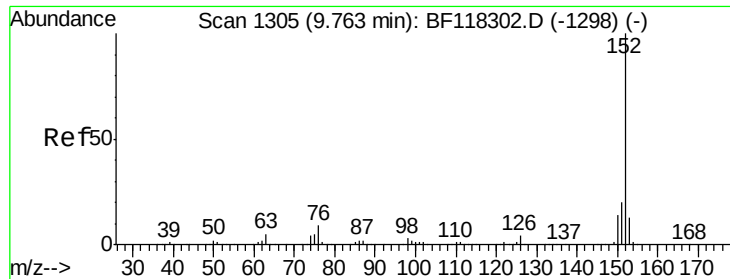


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.738 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MSD

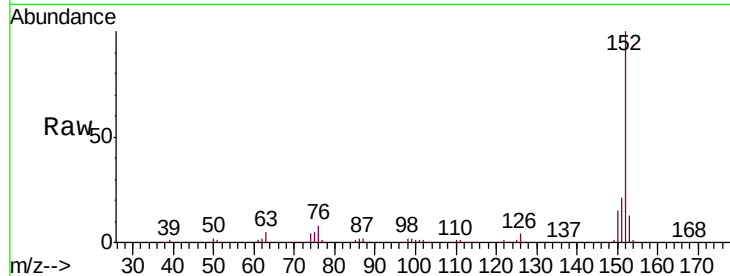
Tgt Ion:152 Resp: 1132255

Ion Ratio Lower Upper

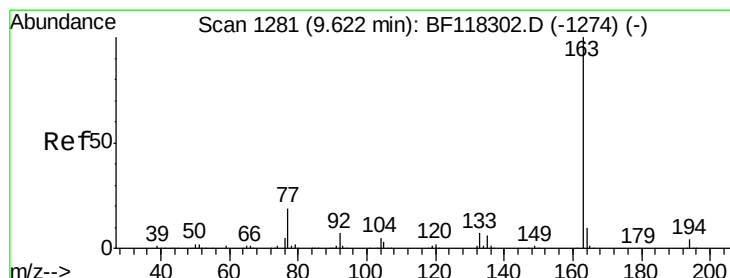
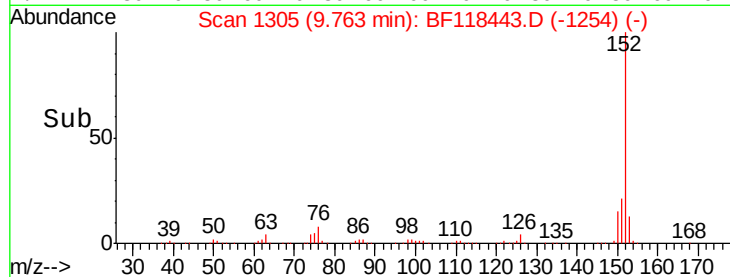
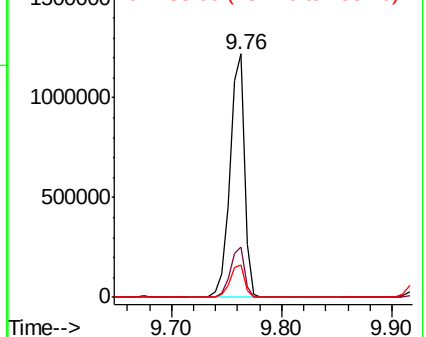
152 100

151 20.6 16.2 24.2

153 13.2 10.5 15.7



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: 42.951 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

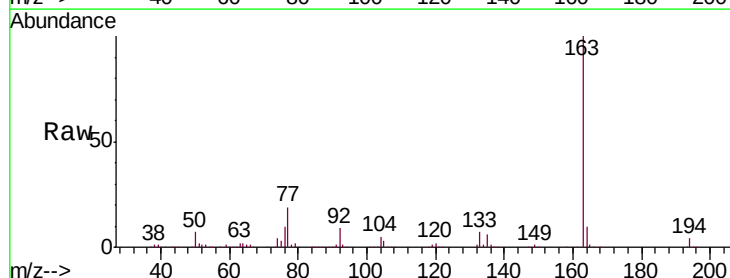
Tgt Ion:163 Resp: 884021

Ion Ratio Lower Upper

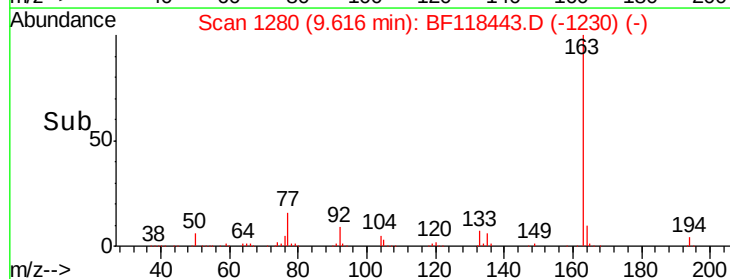
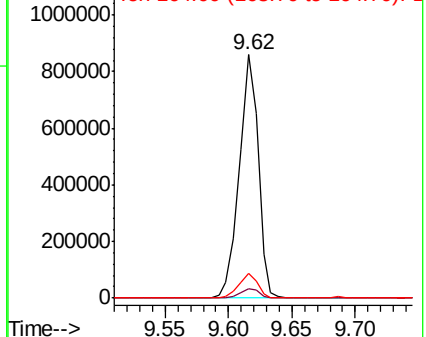
163 100

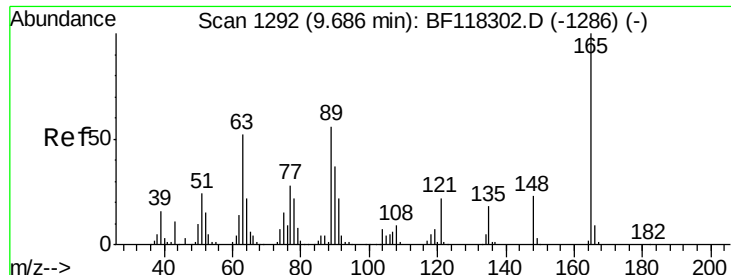
194 3.8 3.2 4.8

164 10.2 7.9 11.9



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: 44.026 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MSD

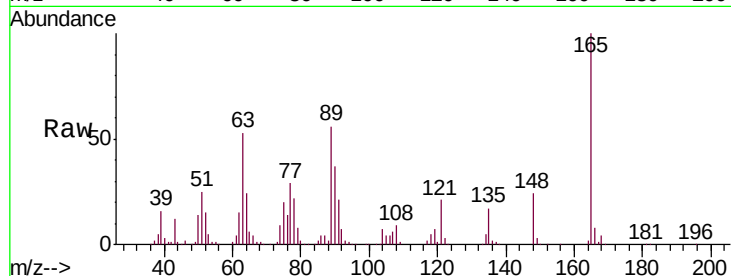
Tgt Ion:165 Resp: 195358

Ion Ratio Lower Upper

165 100

63 53.0 42.2 63.4

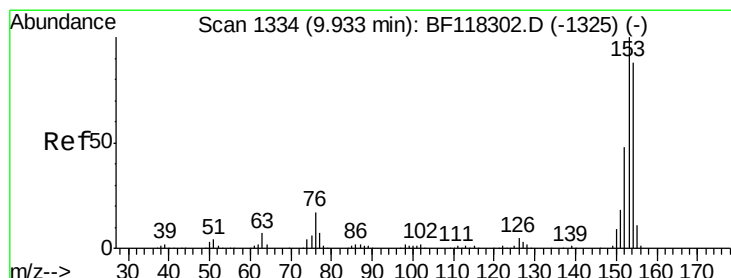
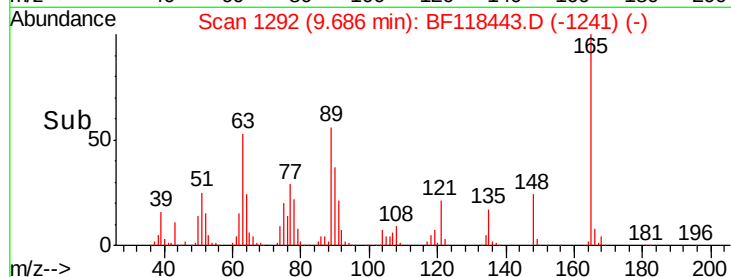
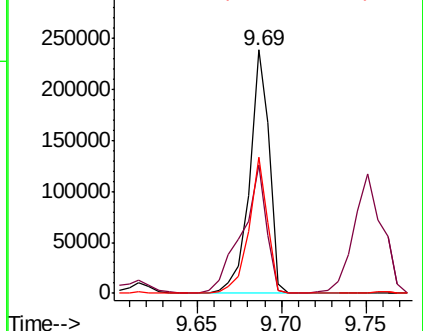
89 55.8 44.4 66.6



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: 42.276 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

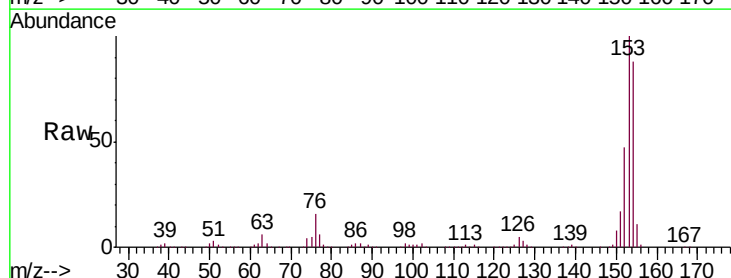
Tgt Ion:154 Resp: 666609

Ion Ratio Lower Upper

154 100

153 114.1 90.6 136.0

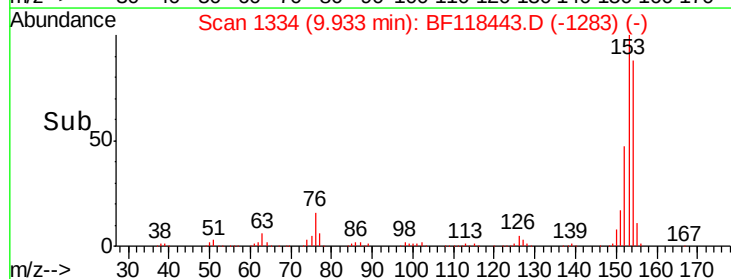
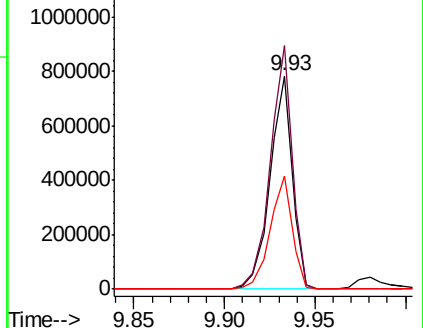
152 53.1 43.1 64.7

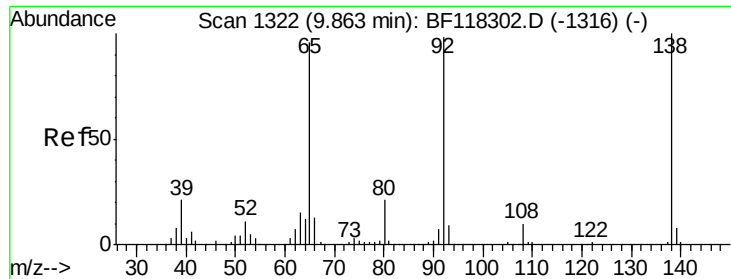


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

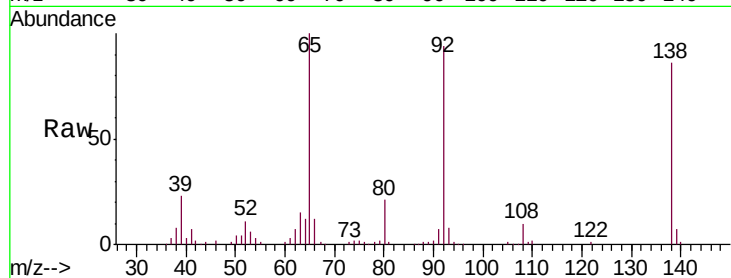




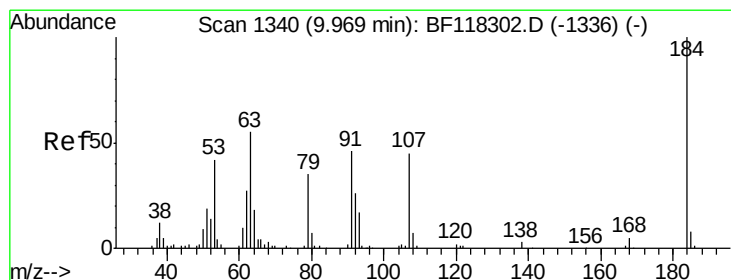
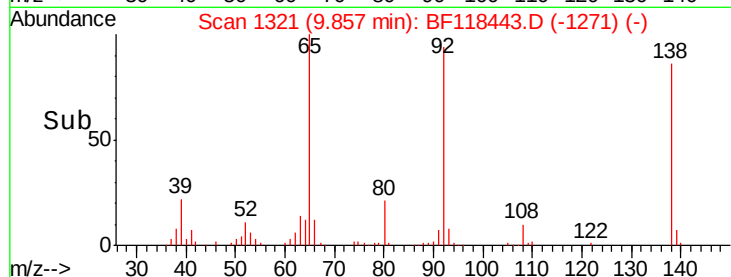
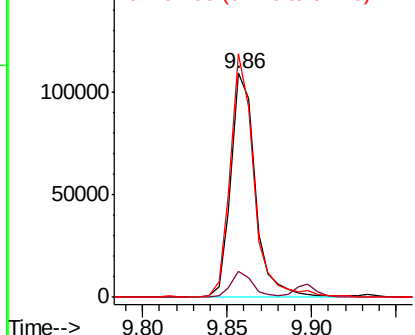
#53
3-Nitroaniline
Concen: 21.159 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tgt Ion:138 Resp: 110198
Ion Ratio Lower Upper
138 100
108 11.7 7.8 11.8
92 108.6 78.2 117.2

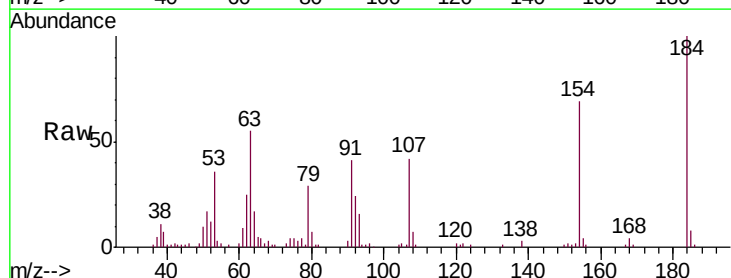


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

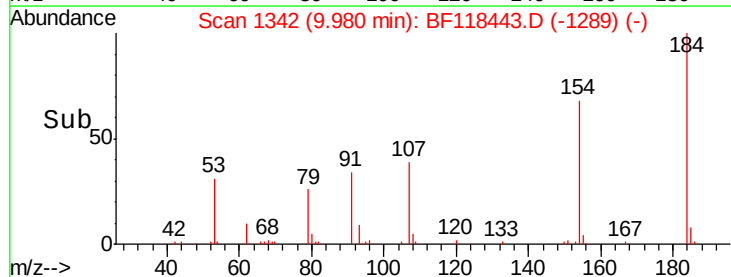
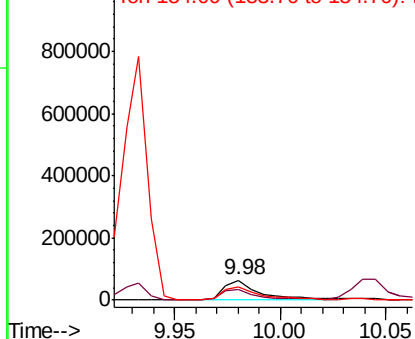


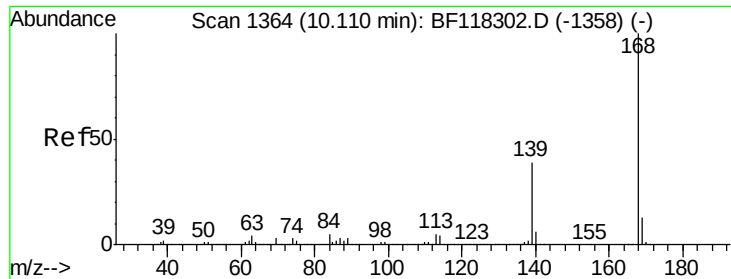
#54
2,4-Dinitrophenol
Concen: 37.240 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion:184 Resp: 76690
Ion Ratio Lower Upper
184 100
63 55.0 48.8 73.2
154 68.9 55.0 82.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

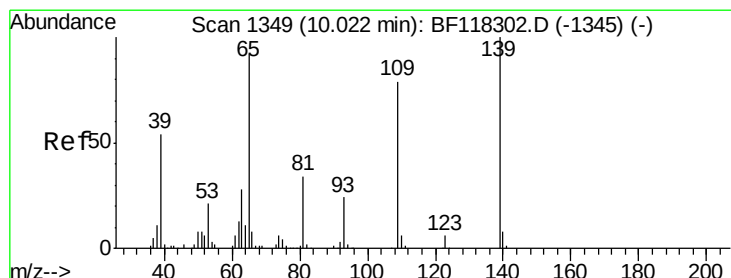
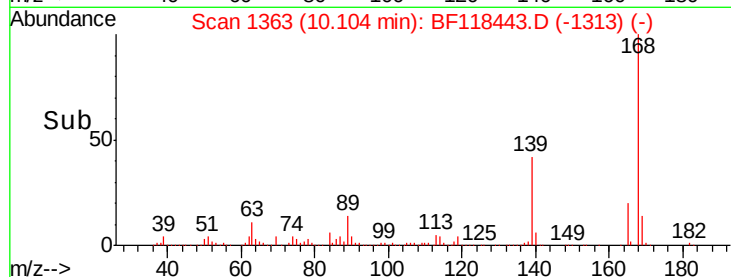
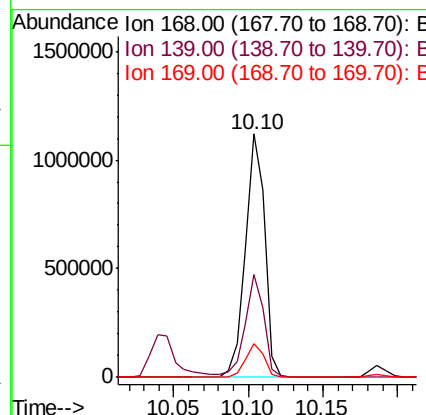
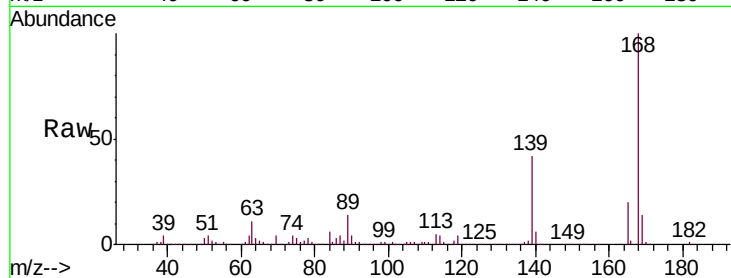




#55
Dibenzofuran
Concen: 43.172 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

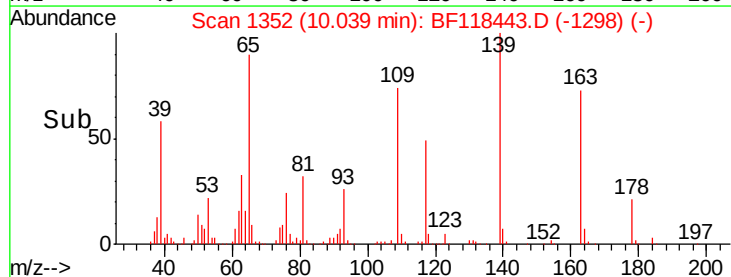
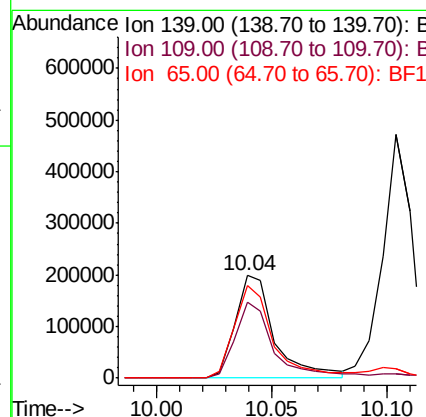
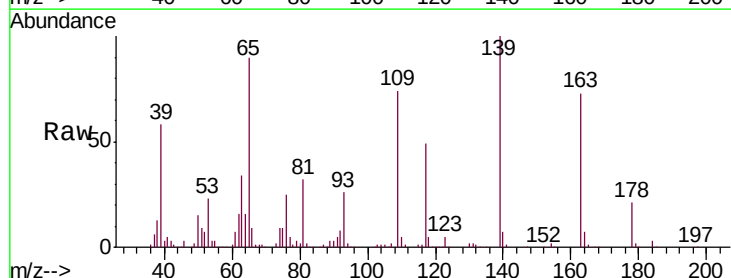
Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

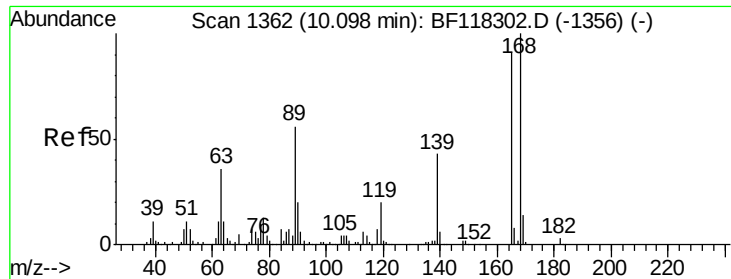
Tgt Ion:168 Resp: 1005848
Ion Ratio Lower Upper
168 100
139 42.1 31.5 47.3
169 13.9 10.4 15.6



#56
4-Nitrophenol
Concen: 73.486 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion:139 Resp: 236270
Ion Ratio Lower Upper
139 100
109 74.0 59.3 99.3
65 90.0 72.4 112.4





#57

2,4-Dinitrotoluene

Concen: 43.535 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MSD

Tgt Ion:165 Resp: 258131

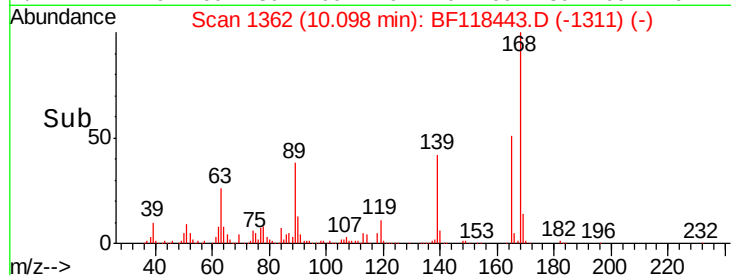
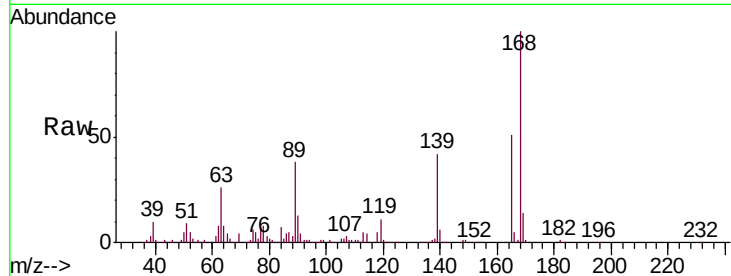
Ion Ratio Lower Upper

165 100

63 50.2 32.0 48.0#

89 75.1 49.3 73.9#

182 2.4 2.4 3.6#

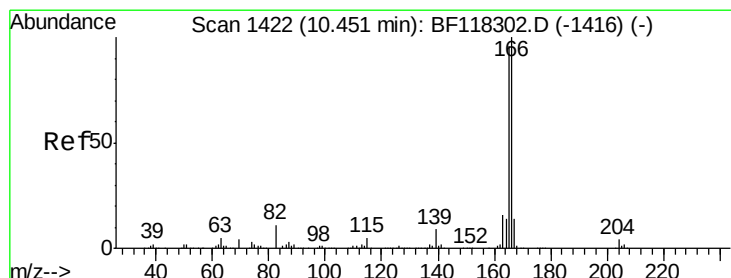
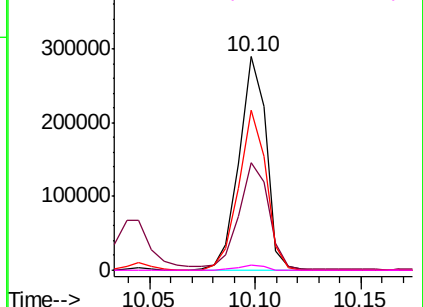


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.150 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

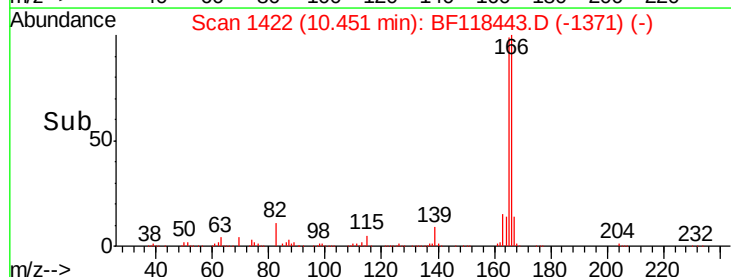
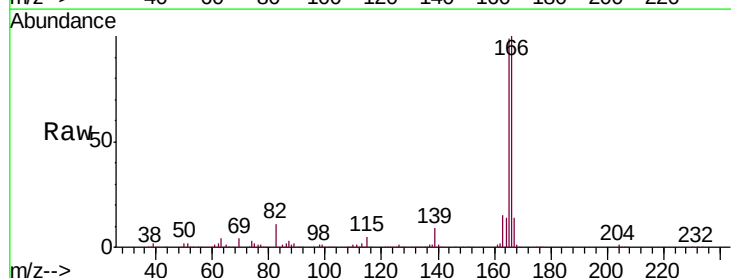
Tgt Ion:166 Resp: 811564

Ion Ratio Lower Upper

166 100

165 99.1 77.0 115.4

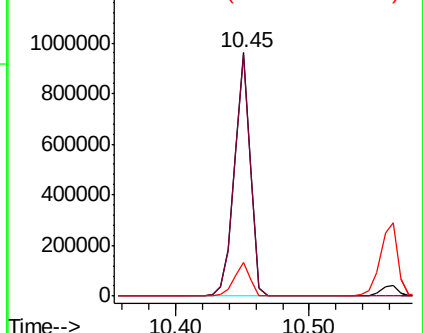
167 13.7 10.9 16.3

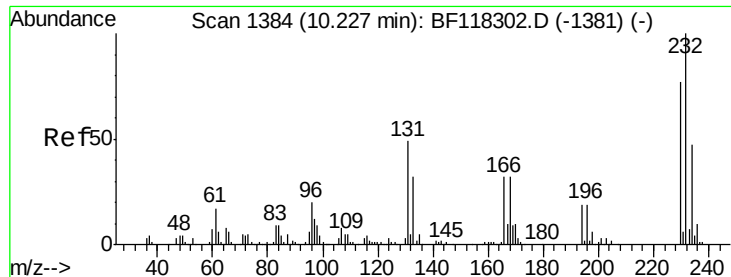


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

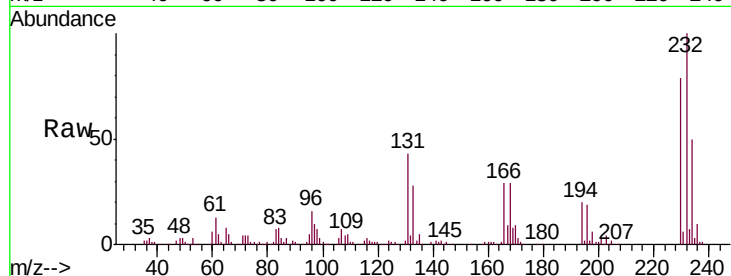




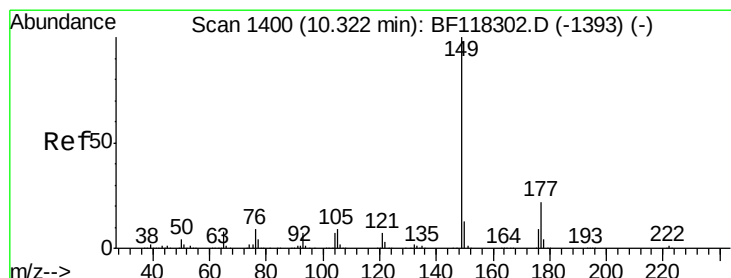
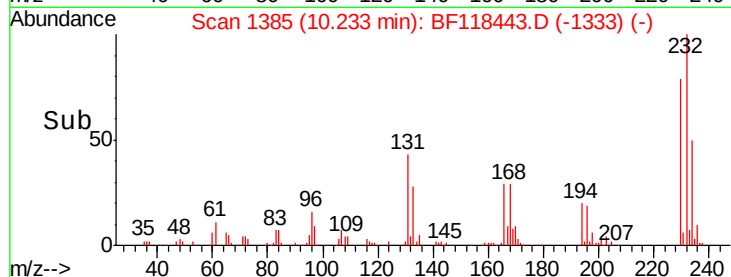
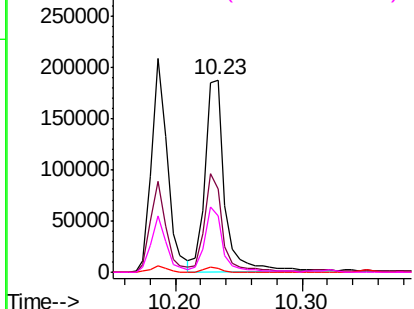
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.011 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tgt Ion: 232 Resp: 202099
Ion Ratio Lower Upper
232 100
131 46.1 37.7 56.5
130 2.6 2.0 3.0
166 31.2 24.7 37.1

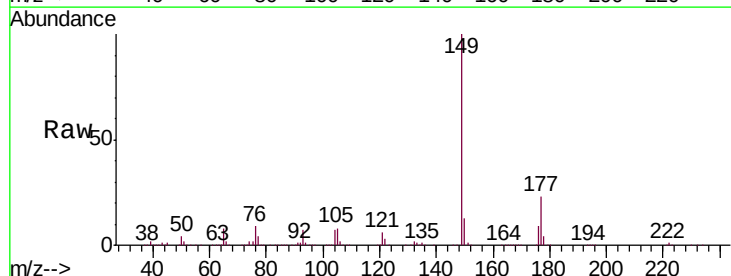


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

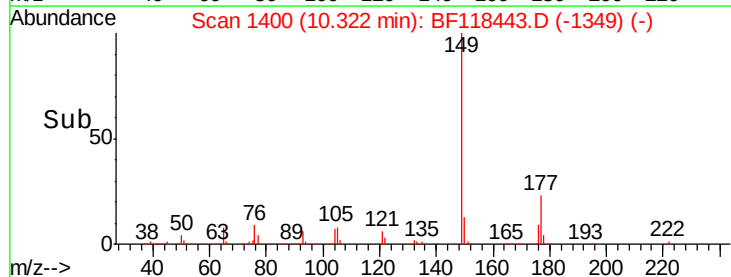
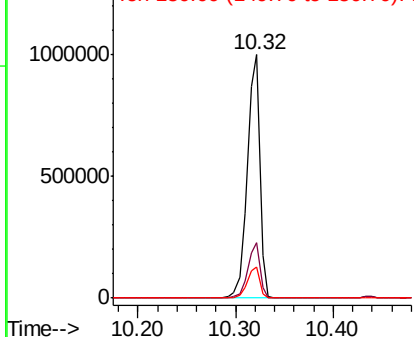


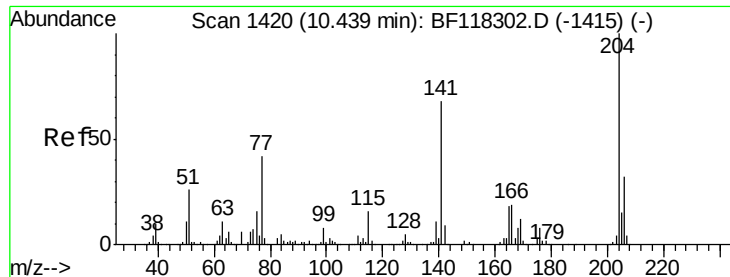
#60
Diethylphthalate
Concen: 43.903 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion: 149 Resp: 893938
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 12.8 10.2 15.2



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

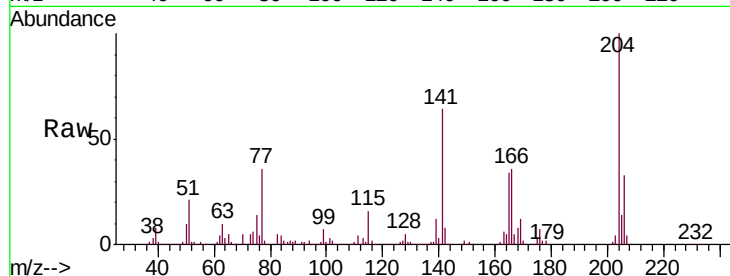




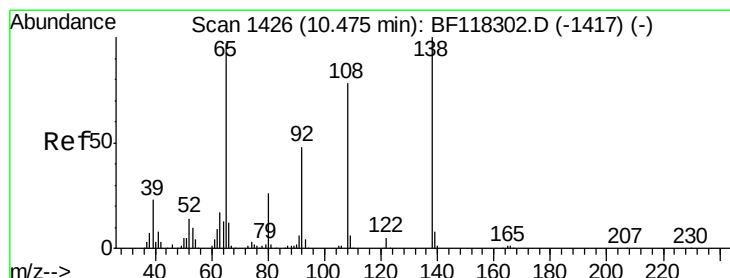
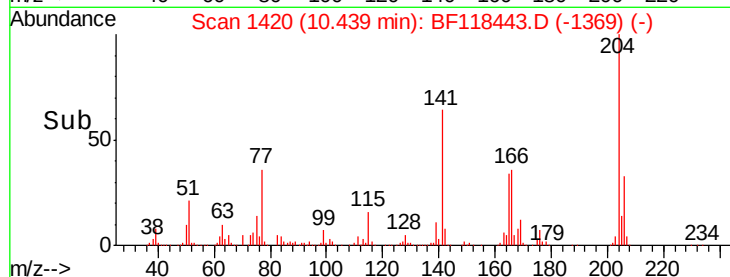
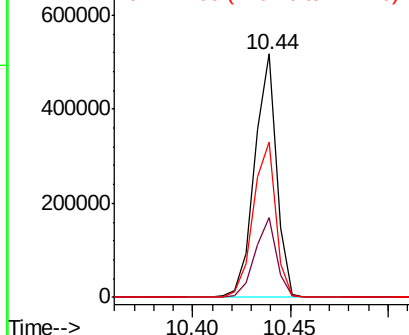
#61
4-Chlorophenyl-phenylether
Concen: 42.820 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tgt Ion: 204 Resp: 402030
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 63.7 54.2 81.4

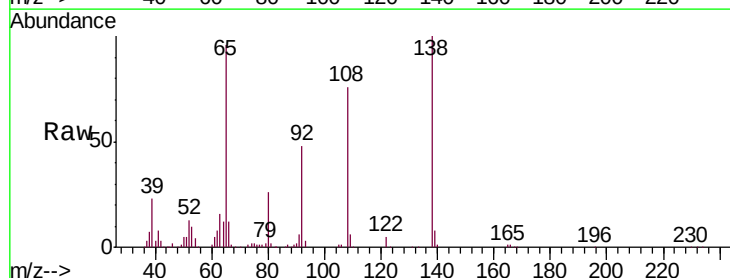


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

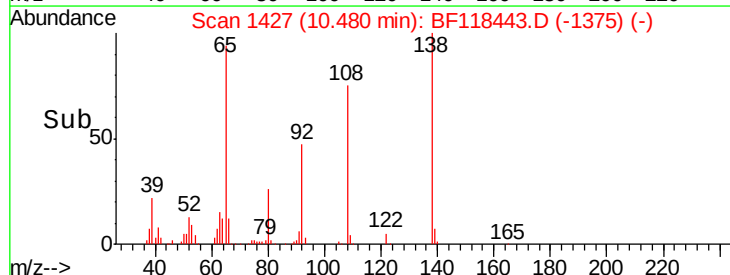
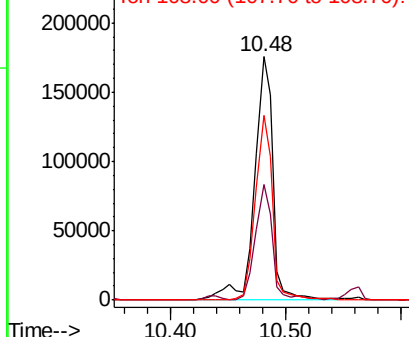


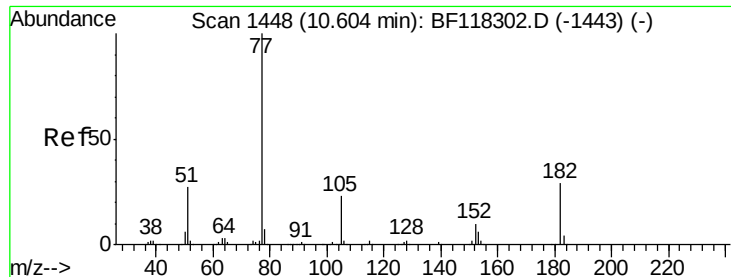
#62
4-Nitroaniline
Concen: 35.889 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion: 138 Resp: 194174
Ion Ratio Lower Upper
138 100
92 47.6 27.9 67.9
108 75.9 58.1 98.1



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

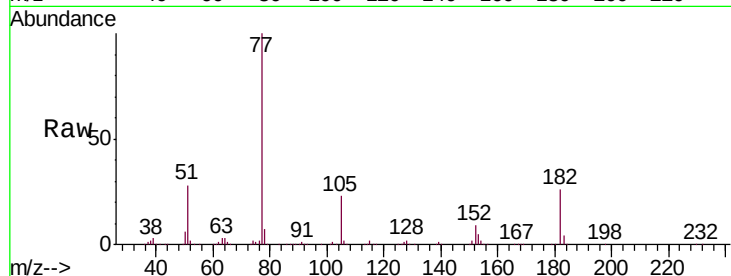




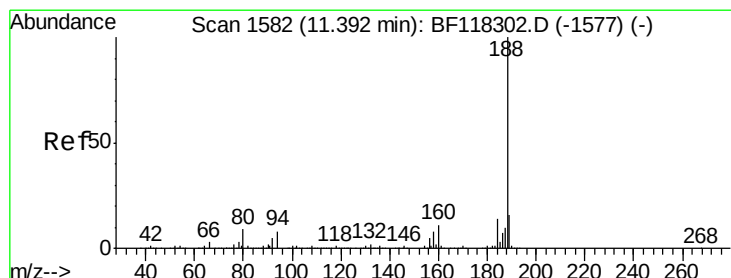
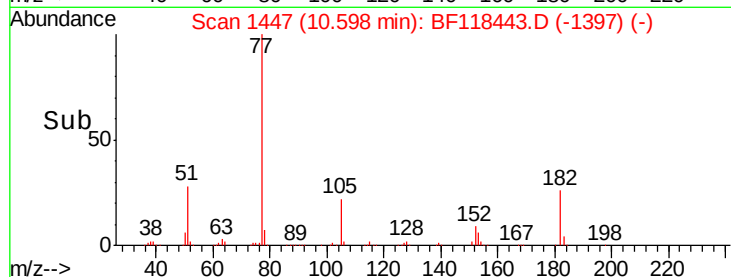
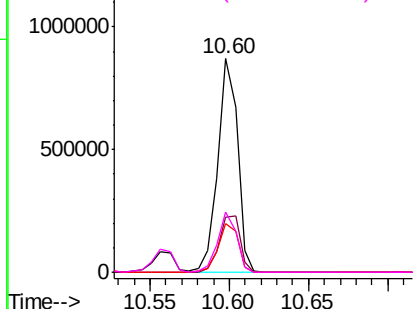
#63
Azobenzene
Concen: 42.887 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tgt Ion: 77 Resp: 748000
Ion Ratio Lower Upper
77 100
182 25.9 9.2 49.2
105 23.1 3.2 43.2
51 27.9 7.1 47.1

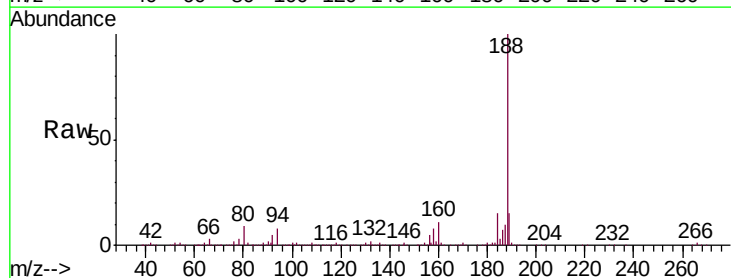


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

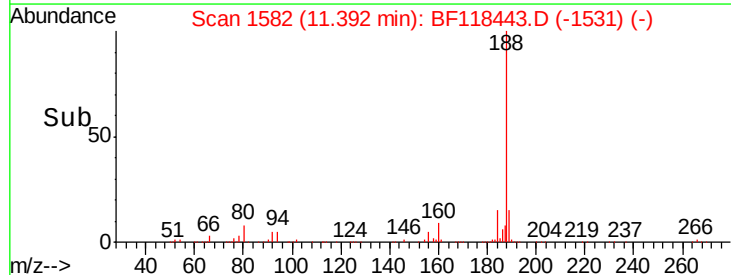
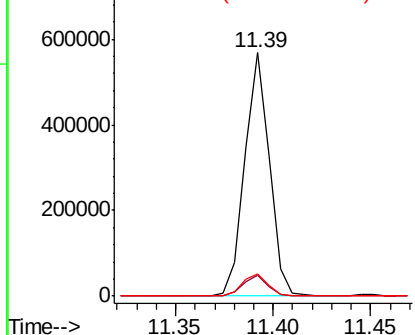


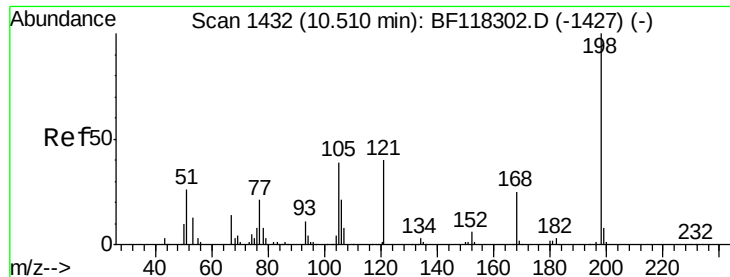
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion: 188 Resp: 497952
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.0 7.2 10.8



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

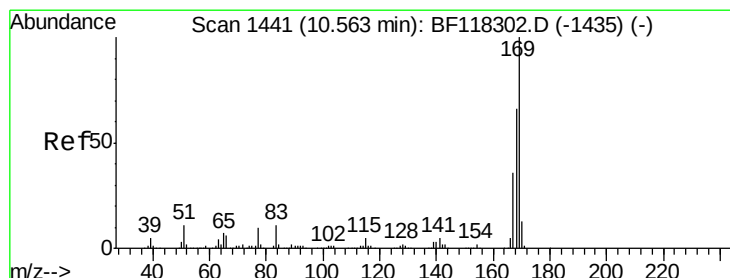
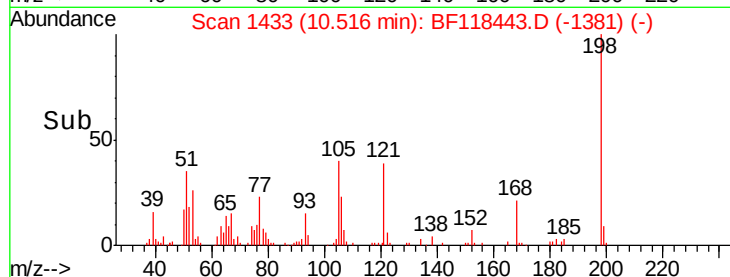
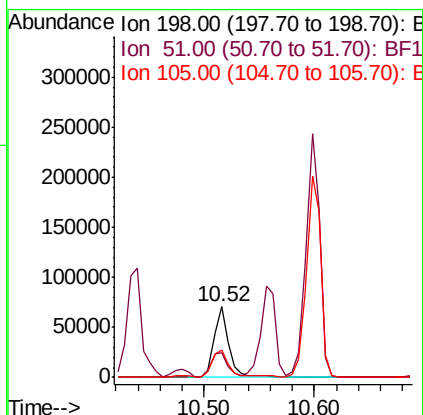
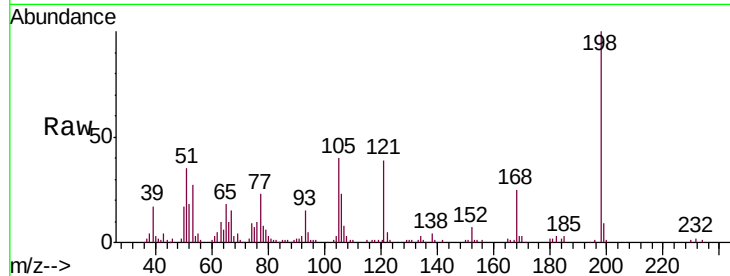




#65
 4,6-Dinitro-2-methylphenol
 Concen: 24.505 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

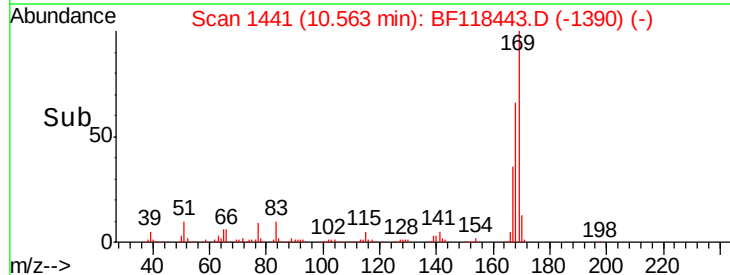
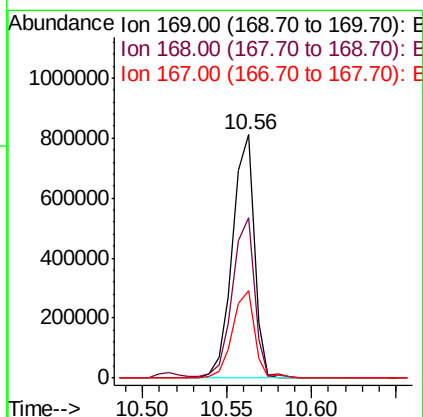
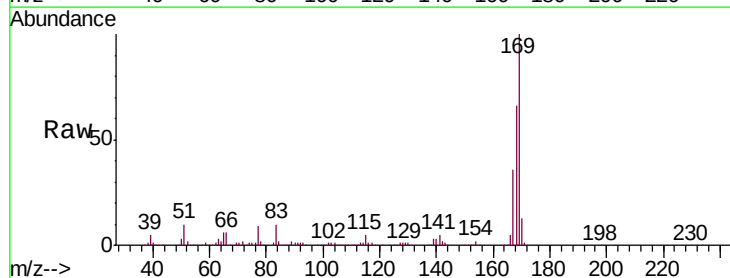
Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

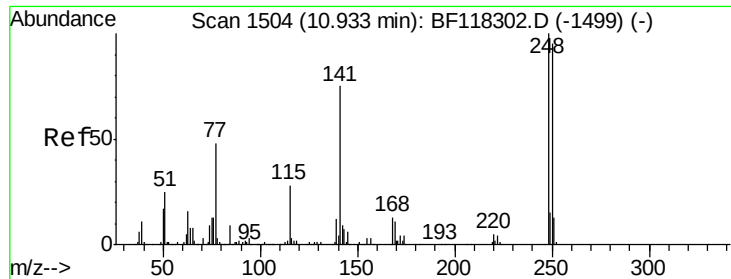
Tgt Ion:198 Resp: 65827
 Ion Ratio Lower Upper
 198 100
 51 35.1 12.8 52.8
 105 39.5 20.3 60.3



#66
 n-Nitrosodiphenylamine
 Concen: 45.503 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Tgt Ion:169 Resp: 726199
 Ion Ratio Lower Upper
 169 100
 168 65.9 52.6 79.0
 167 35.9 28.4 42.6

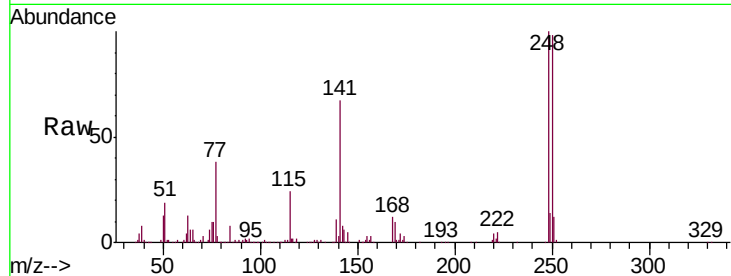




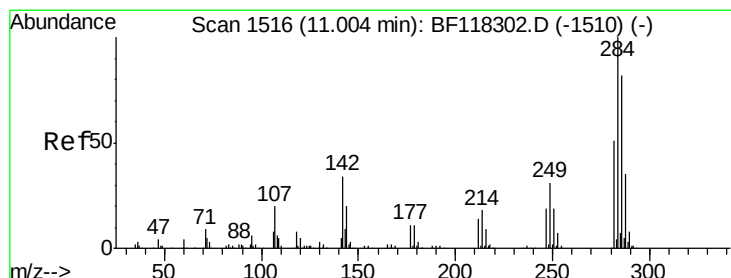
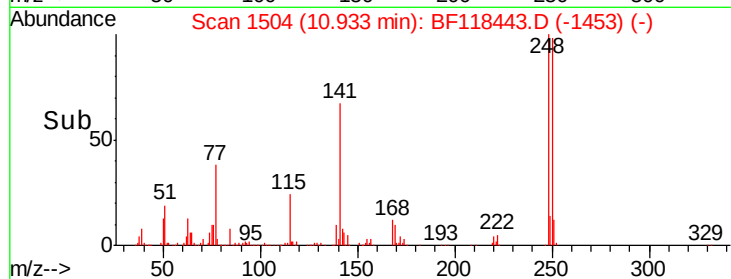
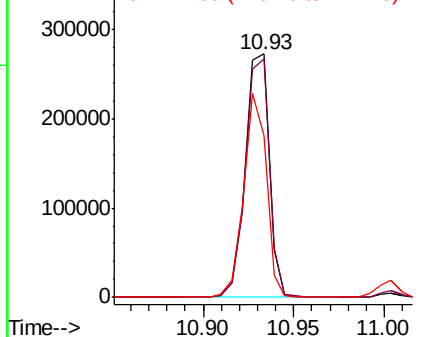
#67
4-Bromophenyl-phenylether
Concen: 43.242 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.4	114.6
141	66.6	60.2	90.2

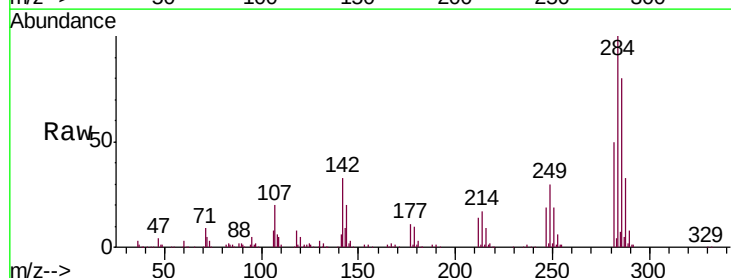


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

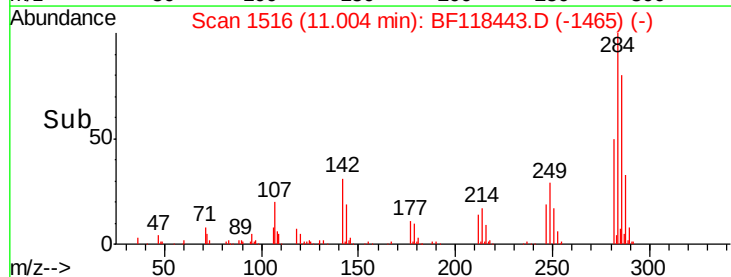
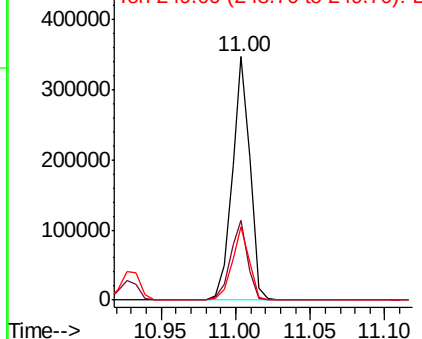


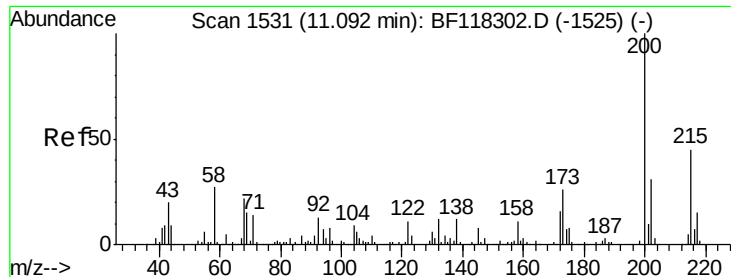
#68
Hexachlorobenzene
Concen: 42.282 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	27.3	40.9
249	29.9	25.0	37.6



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: 48.614 ng

RT: 11.09 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MSD

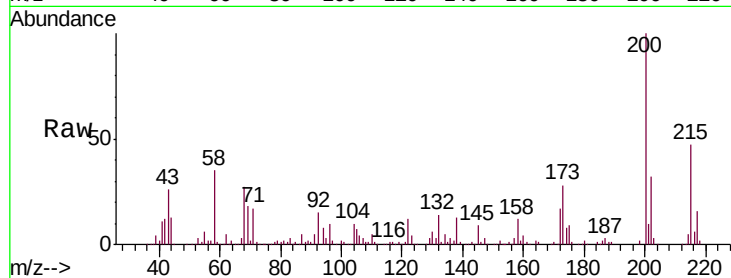
Tgt Ion:200 Resp: 239449

Ion Ratio Lower Upper

200 100

173 28.2 5.8 45.8

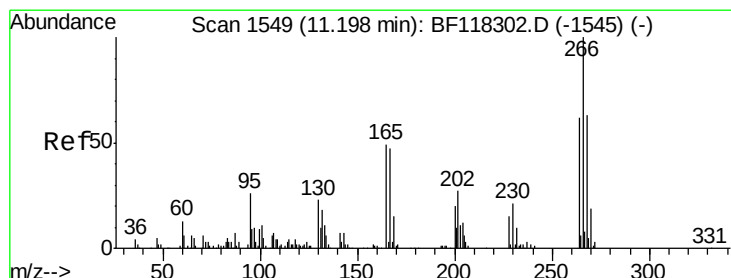
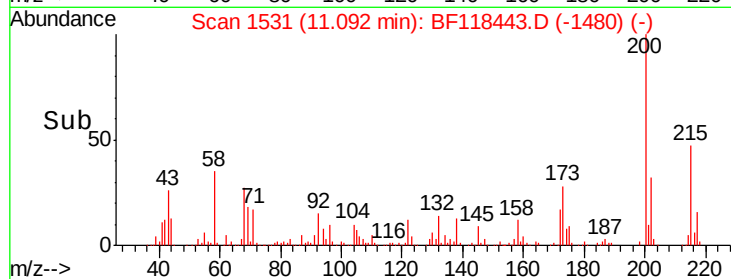
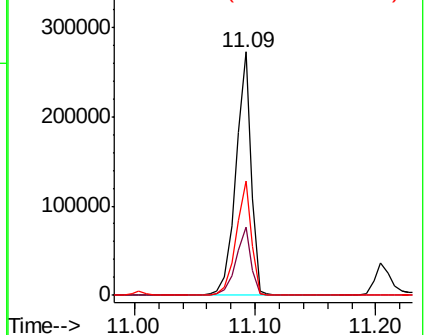
215 46.8 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.198 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

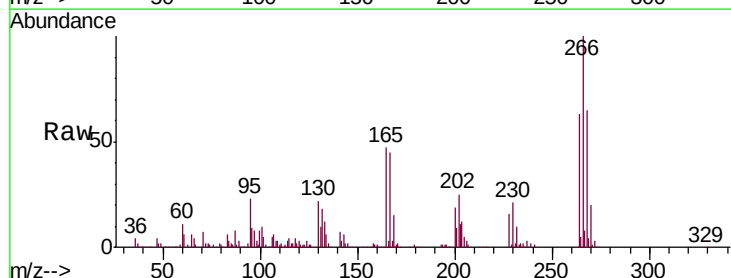
Tgt Ion:266 Resp: 229332

Ion Ratio Lower Upper

266 100

268 65.1 50.6 76.0

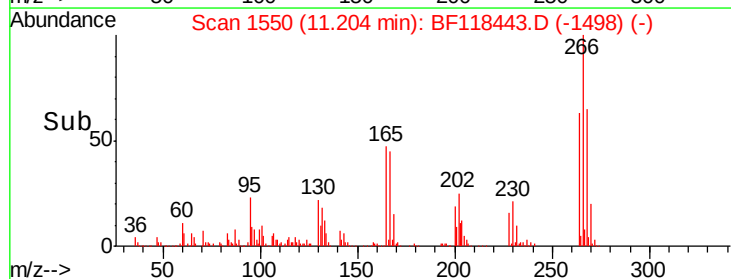
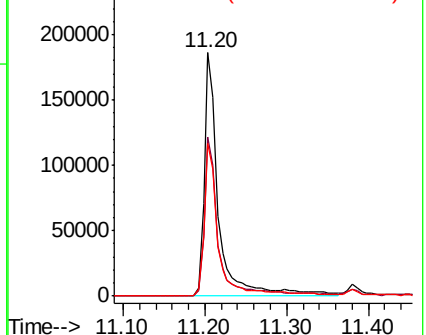
264 63.0 49.9 74.9

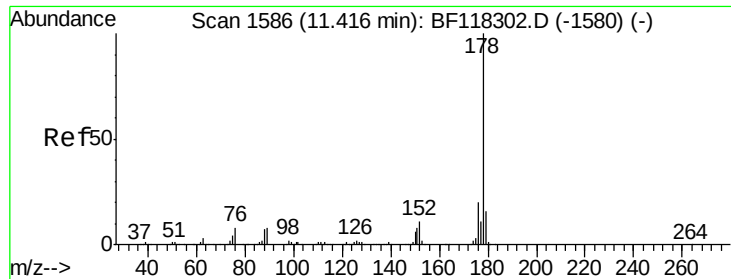


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.593 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MSD

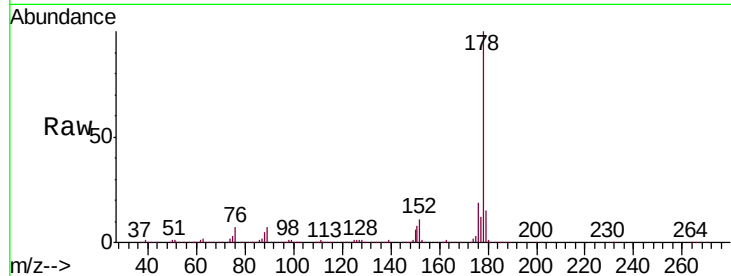
Tgt Ion:178 Resp: 1183366

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

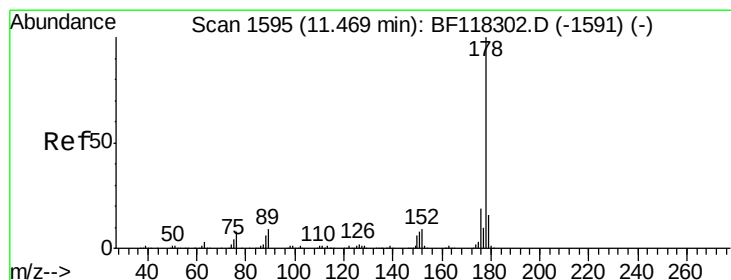
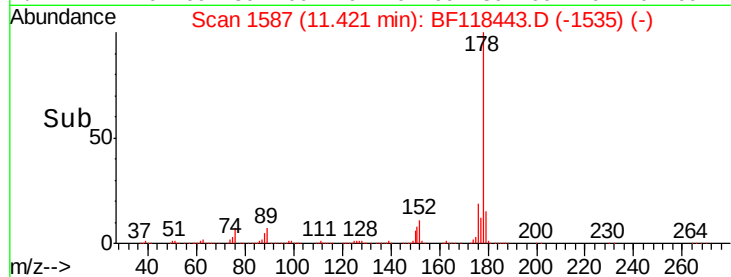
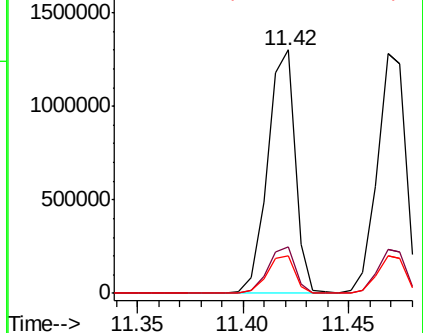
179 15.4 12.6 19.0



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: 44.815 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

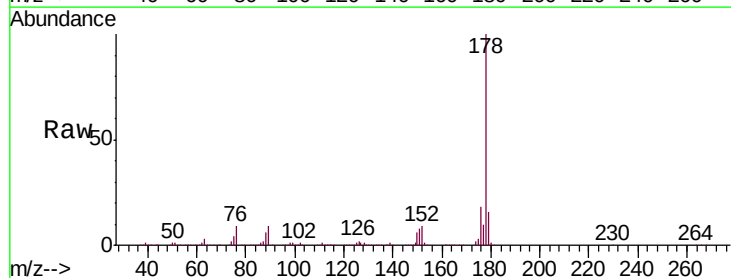
Tgt Ion:178 Resp: 1217672

Ion Ratio Lower Upper

178 100

176 18.5 15.2 22.8

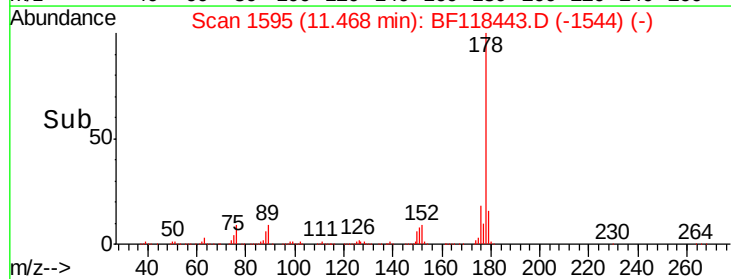
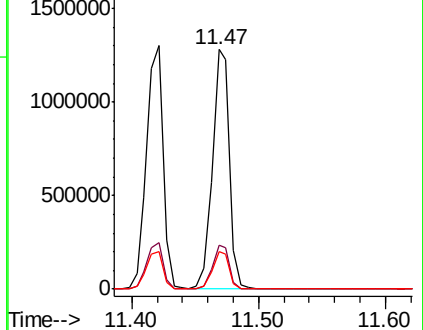
179 15.8 12.9 19.3

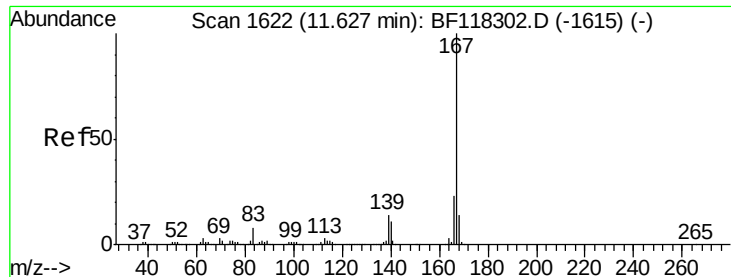


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.502 ng

RT: 11.63 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MSD

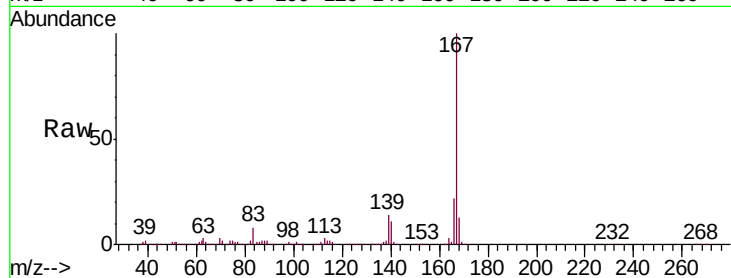
Tgt Ion:167 Resp: 1048847

Ion Ratio Lower Upper

167 100

166 21.8 18.1 27.1

139 14.1 11.5 17.3

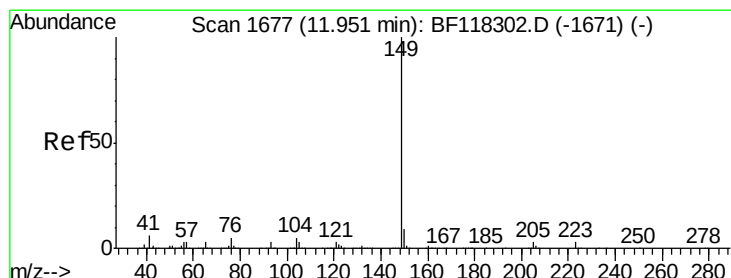
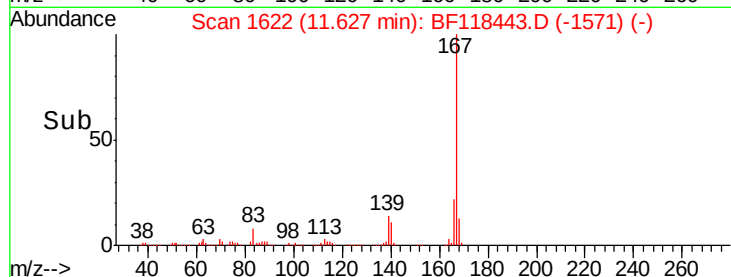
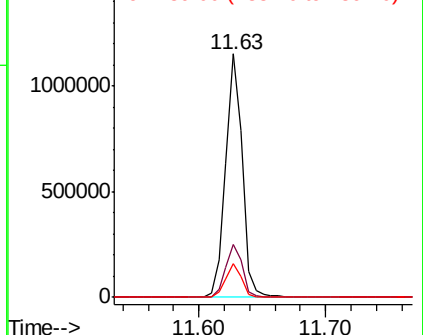


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.229 ng

RT: 11.94 min Scan# 1676

Delta R.T. -0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

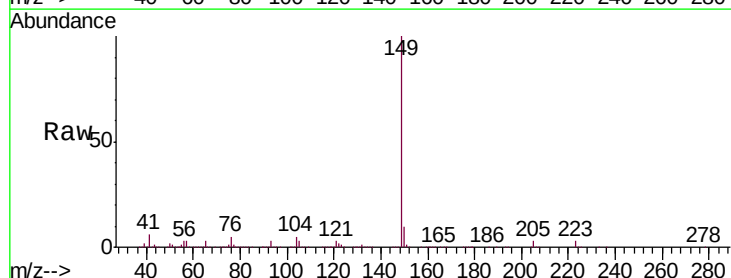
Tgt Ion:149 Resp: 1413245

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

104 5.0 4.0 6.0

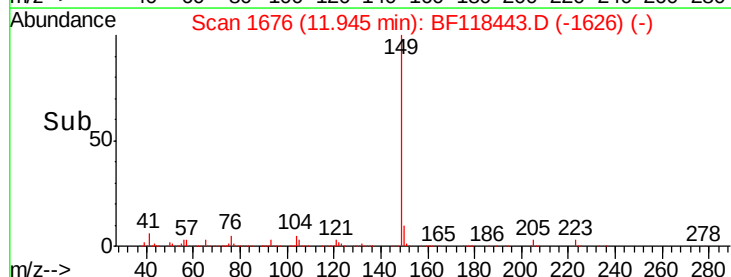
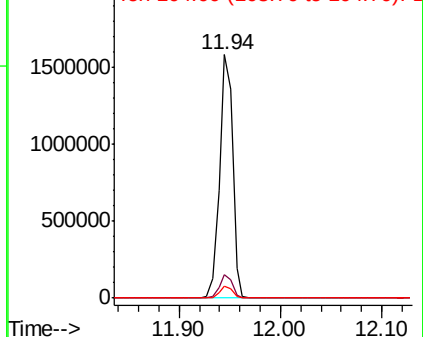


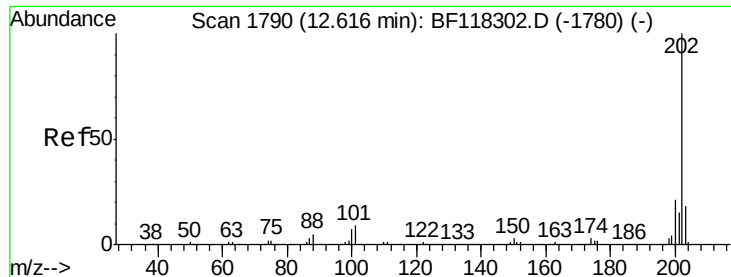
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

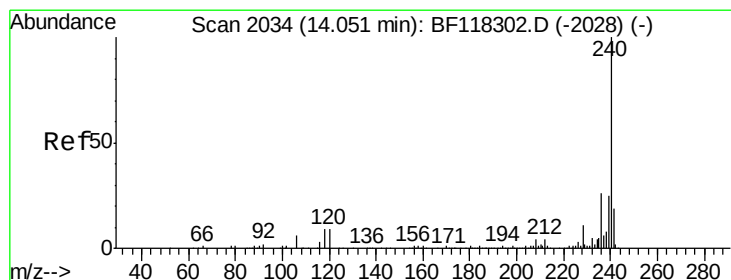
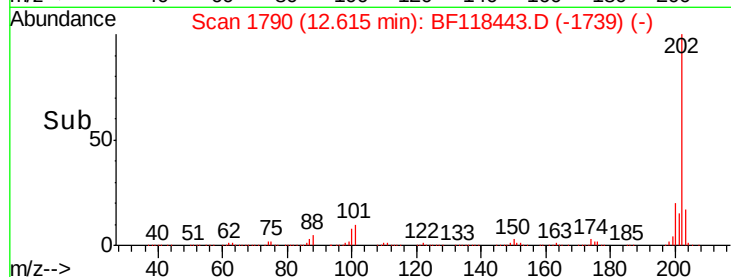
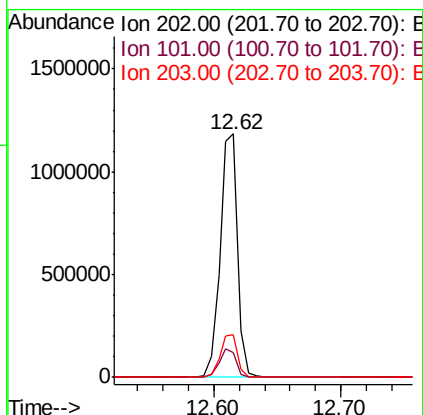
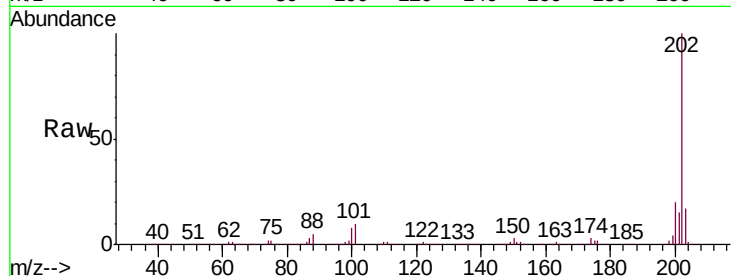




#75
 Fluoranthene
 Concen: 41.319 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

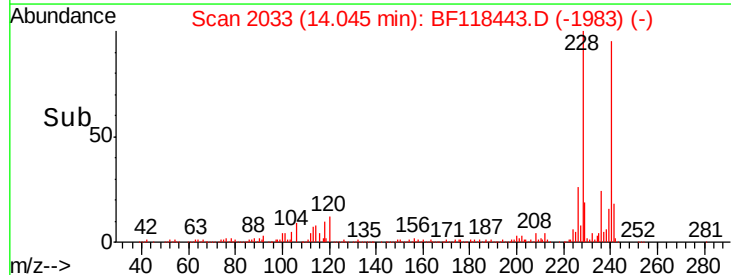
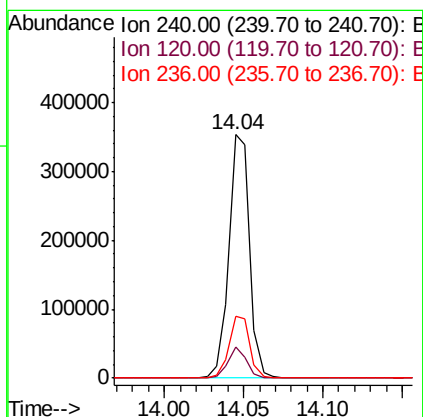
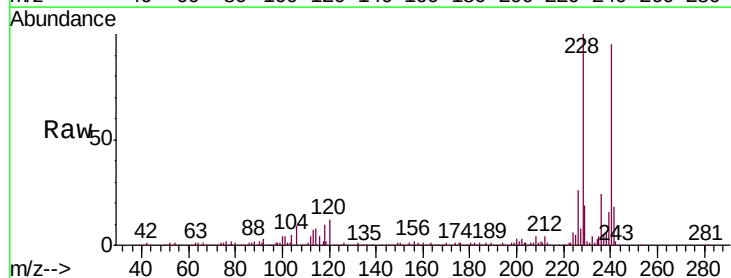
Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

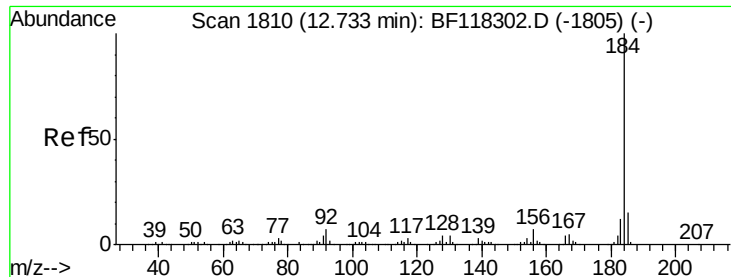
Tgt Ion: 202 Resp: 1131984
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 29.5
 203 17.4 0.0 37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Tgt Ion: 240 Resp: 317982
 Ion Ratio Lower Upper
 240 100
 120 12.7 7.1 10.7#
 236 25.2 21.0 31.6





#77

Benzidine

Concen: 6.425 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MSD

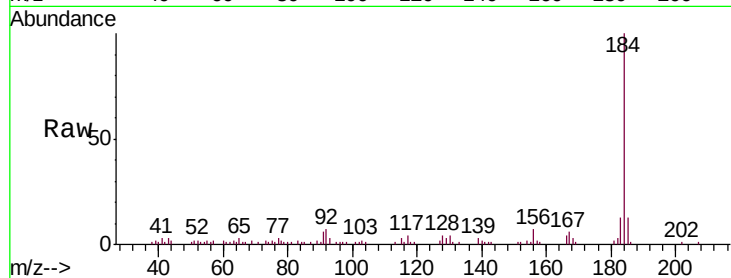
Tgt Ion:184 Resp: 55980

Ion Ratio Lower Upper

184 100

185 13.2 12.3 18.5

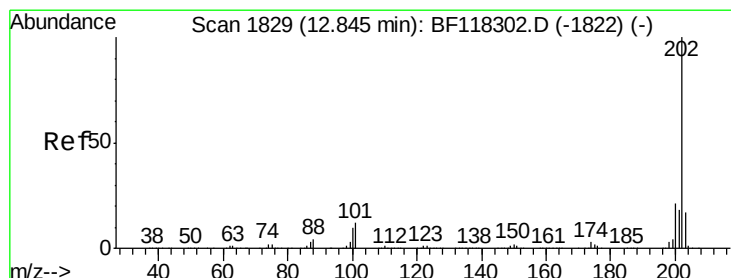
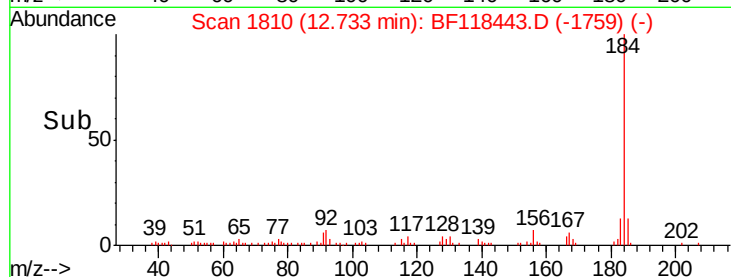
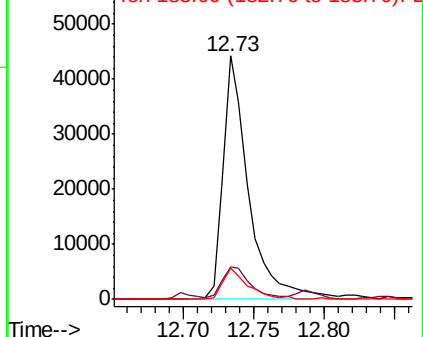
183 12.6 9.4 14.2



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: 43.146 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

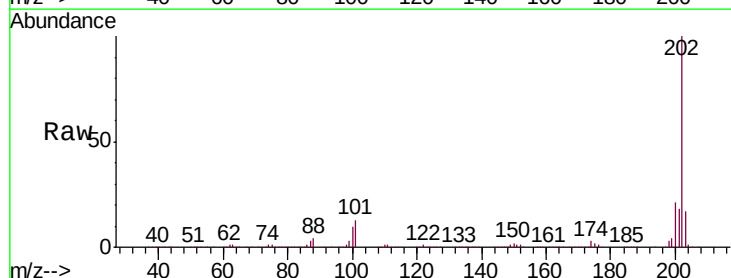
Tgt Ion:202 Resp: 1120360

Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

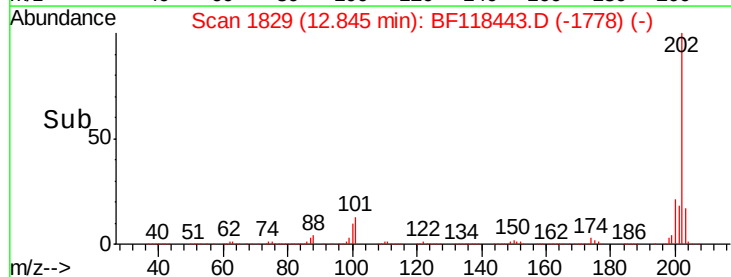
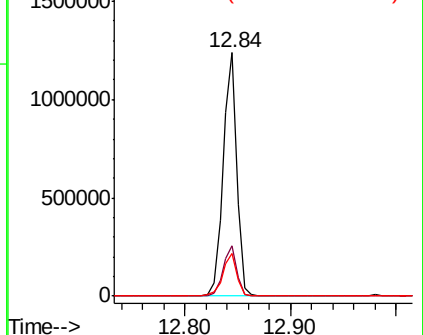
203 17.3 13.9 20.9

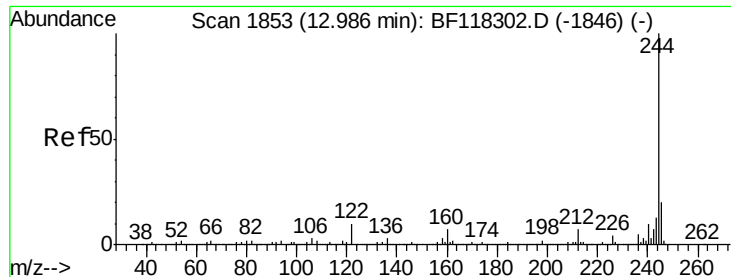


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.926 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MSD

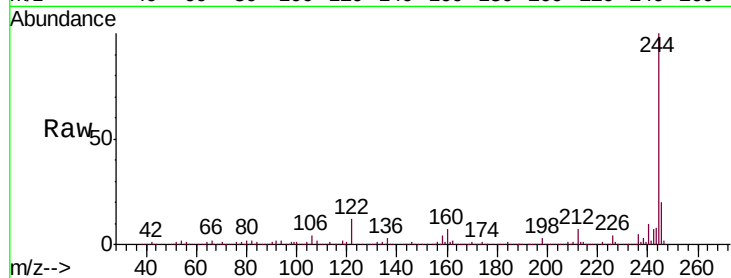
Tgt Ion:244 Resp: 1742764

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

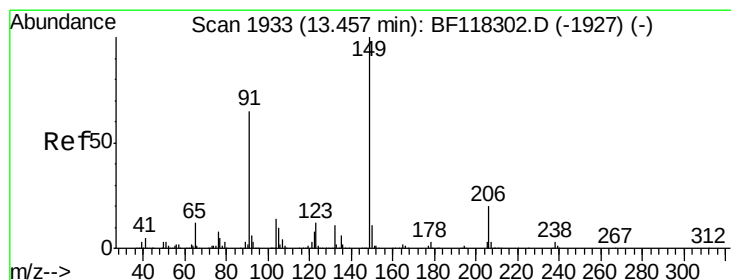
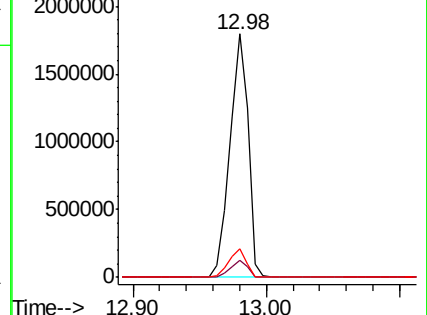
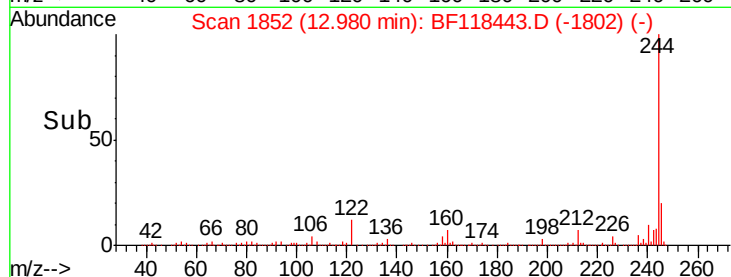
122 11.9 7.8 11.8#



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: 46.280 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

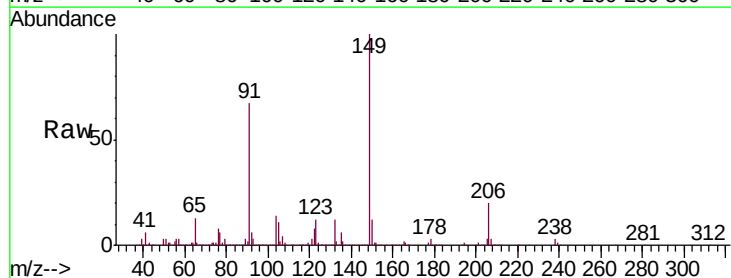
Tgt Ion:149 Resp: 541093

Ion Ratio Lower Upper

149 100

91 67.2 51.8 77.6

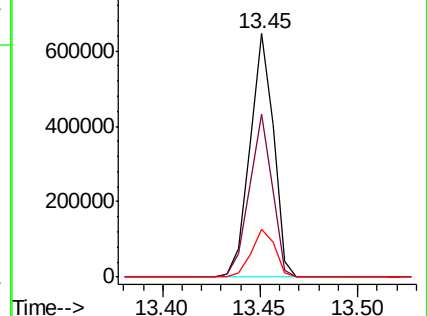
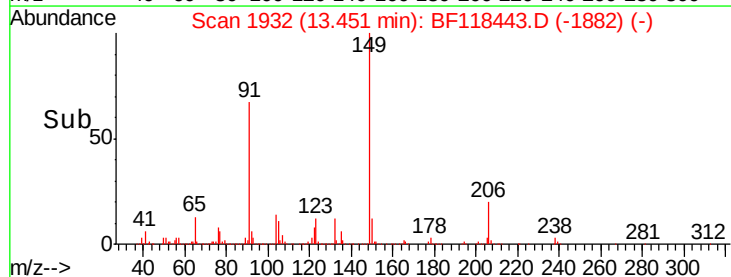
206 19.6 15.7 23.5

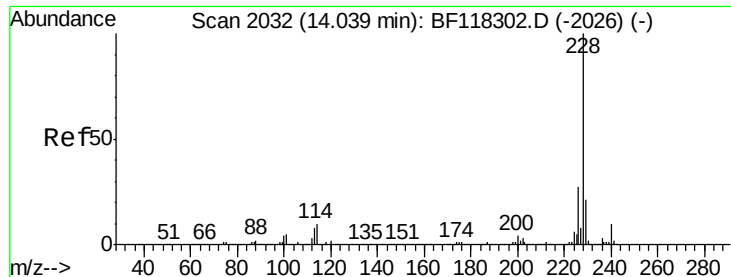


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.914 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MSD

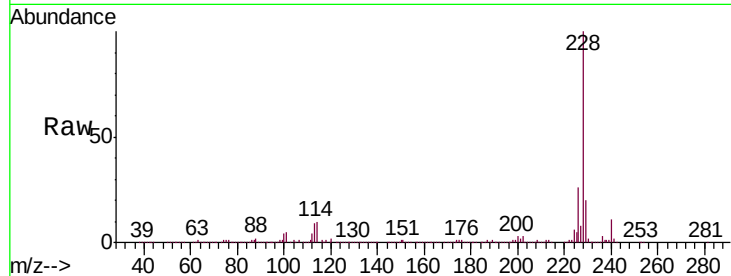
Tgt Ion:228 Resp: 977424

Ion Ratio Lower Upper

228 100

226 26.4 22.0 33.0

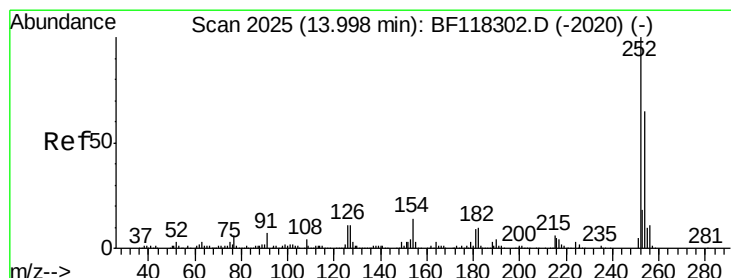
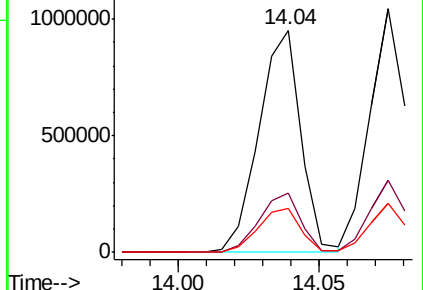
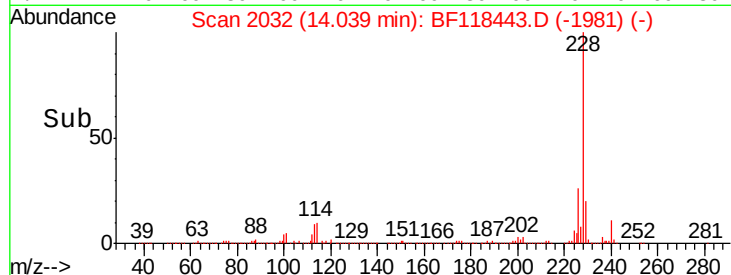
229 19.6 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.061 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

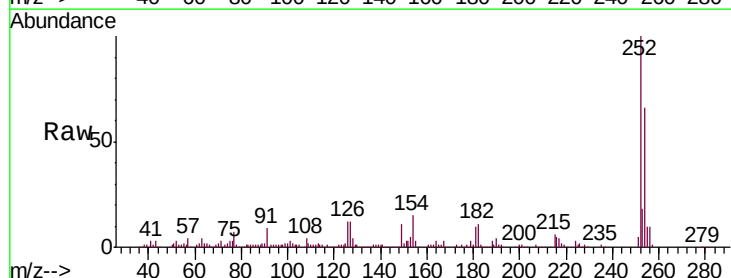
Tgt Ion:252 Resp: 234406

Ion Ratio Lower Upper

252 100

254 65.8 51.8 77.8

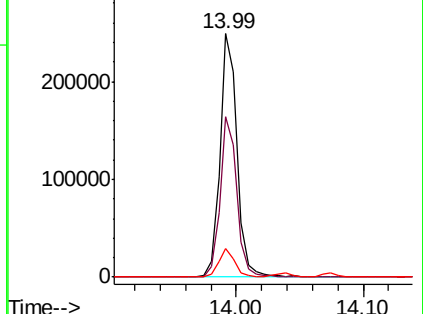
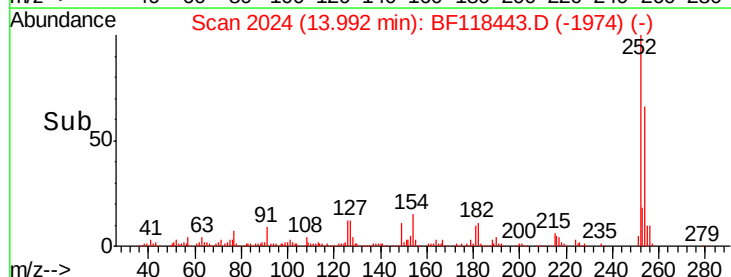
126 12.0 8.7 13.1

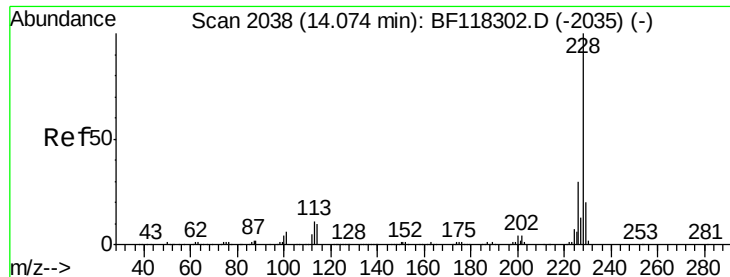


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.782 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MSD

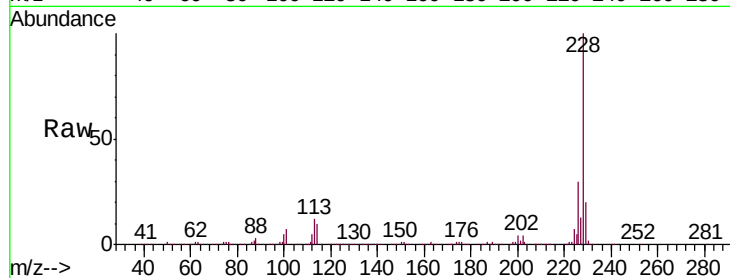
Tgt Ion:228 Resp: 911787

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

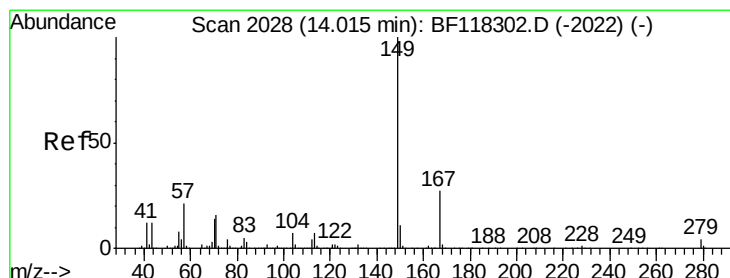
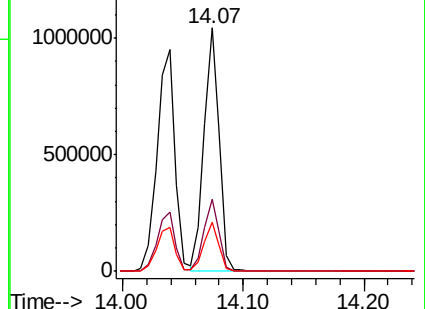
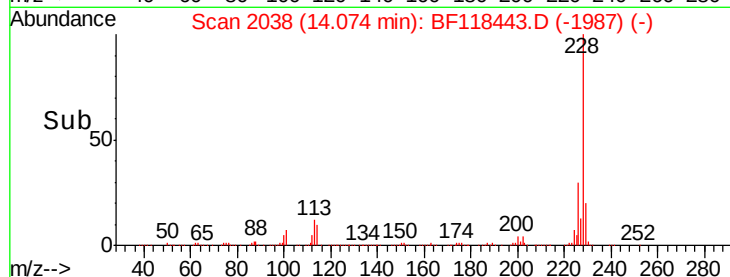
229 20.0 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.858 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

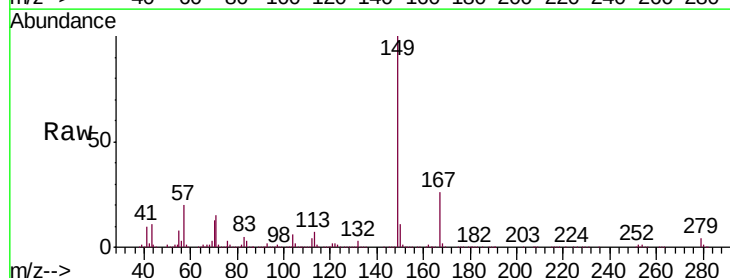
Tgt Ion:149 Resp: 781875

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

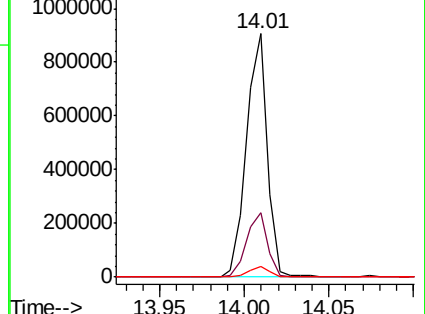
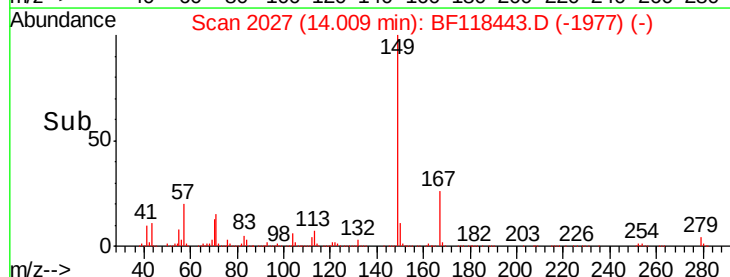
279 4.4 3.4 5.2

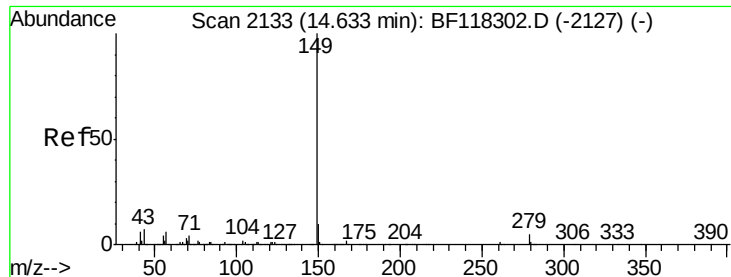


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 54.154 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MSD

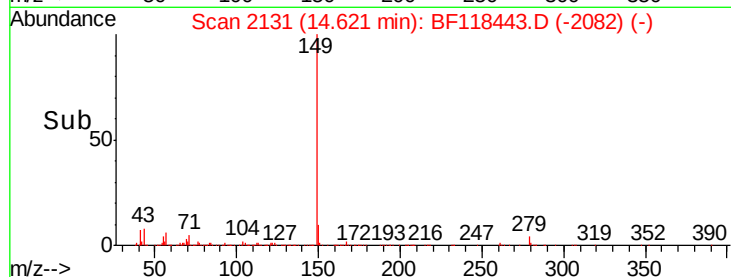
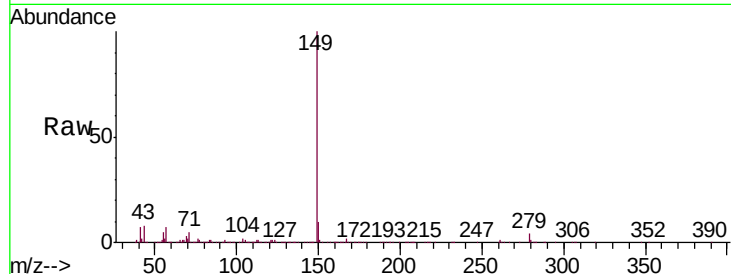
Tgt Ion:149 Resp: 1224664

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

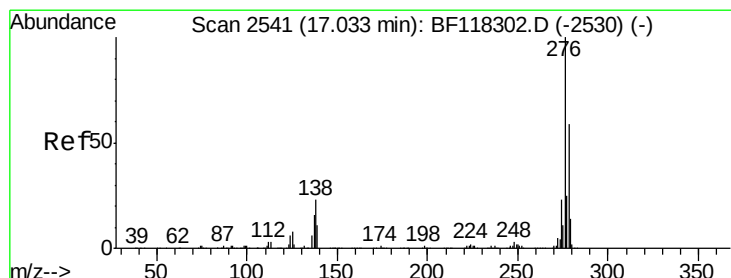
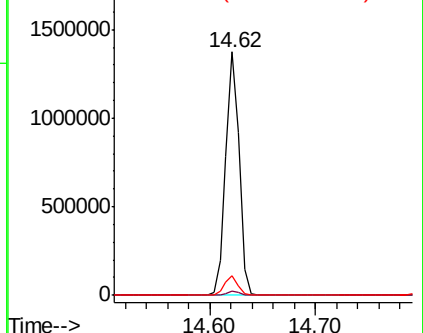
43 7.5 6.1 9.1



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: 46.287 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.02 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

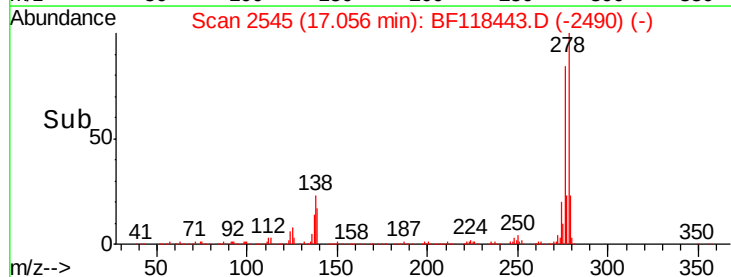
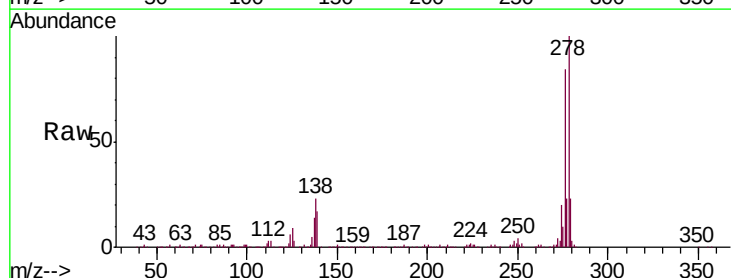
Tgt Ion:276 Resp: 840545

Ion Ratio Lower Upper

276 100

138 24.9 19.5 29.3

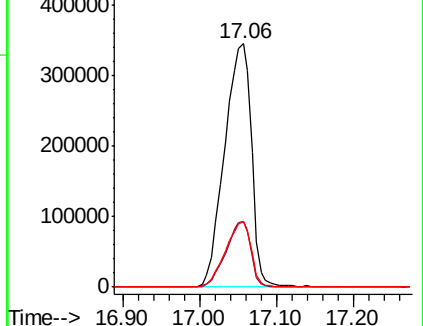
277 25.8 20.6 30.8

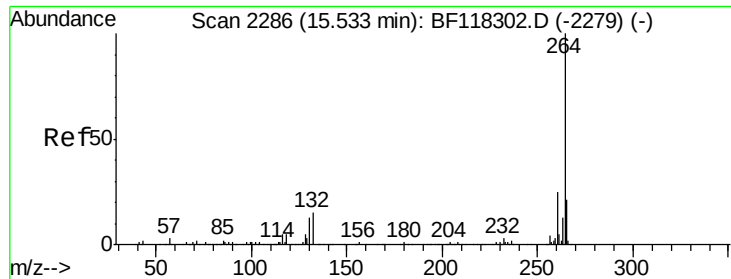


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MSD

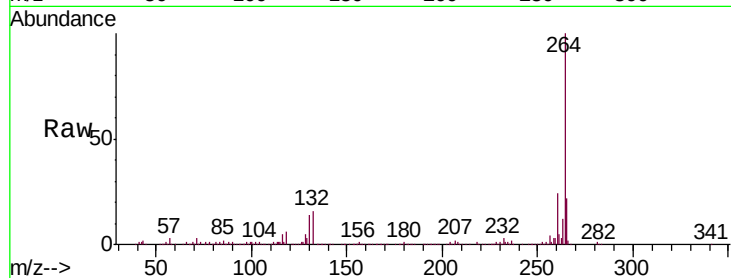
Tgt Ion:264 Resp: 311589

Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

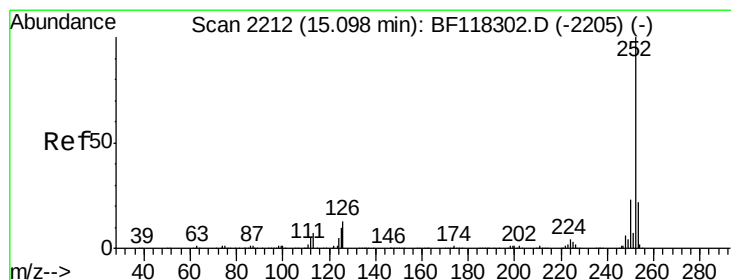
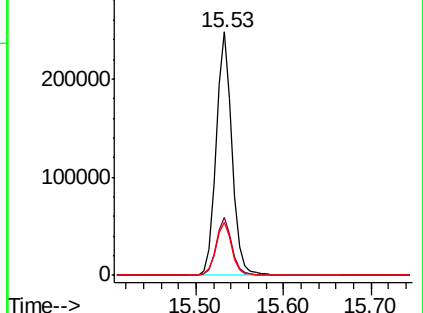
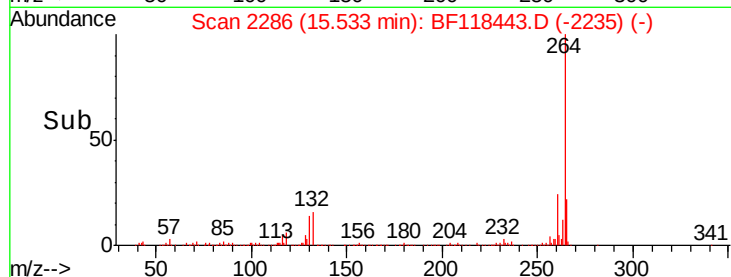
265 21.9 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.248 ng

RT: 15.10 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

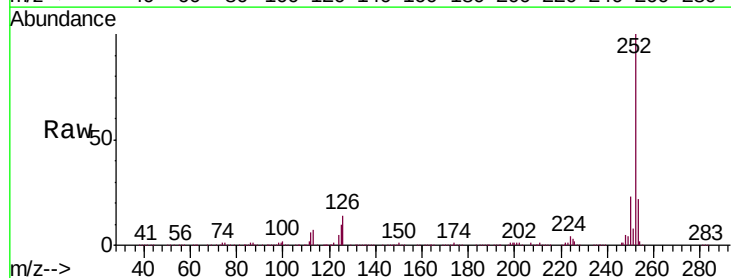
Tgt Ion:252 Resp: 873819

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

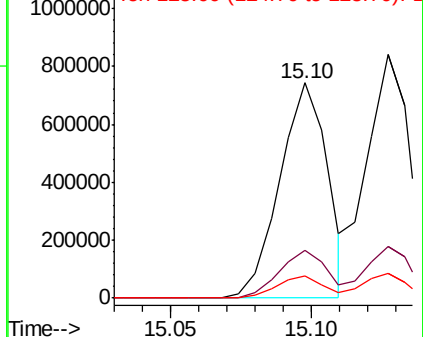
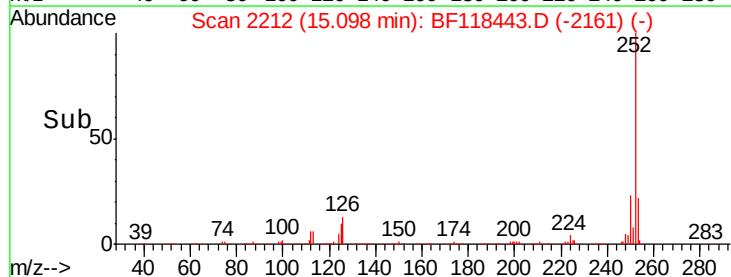
125 10.1 7.7 11.5

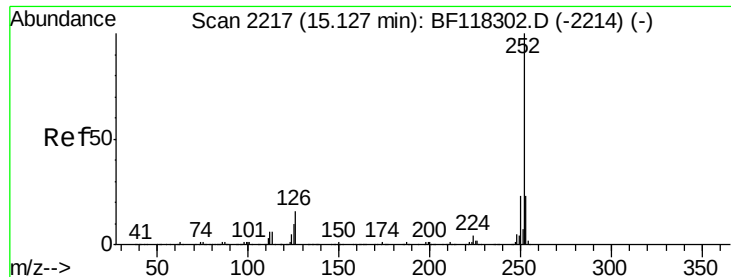


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.213 ng

RT: 15.13 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MSD

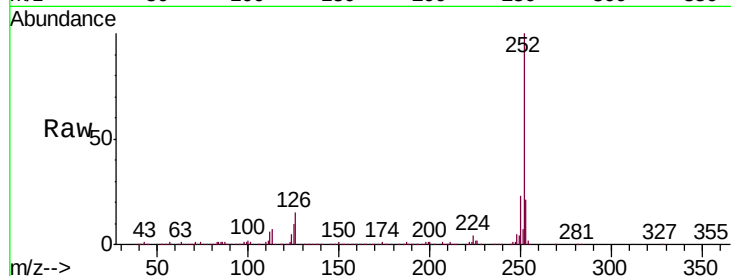
Tgt Ion:252 Resp: 897912

Ion Ratio Lower Upper

252 100

253 21.2 18.0 27.0

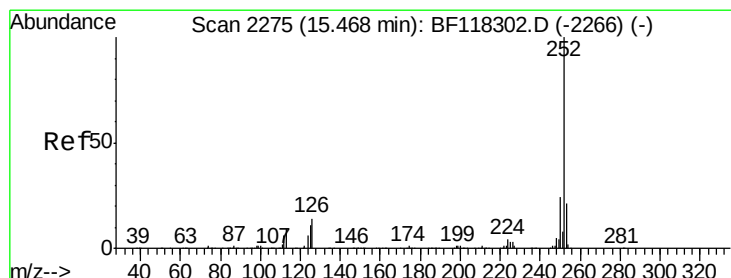
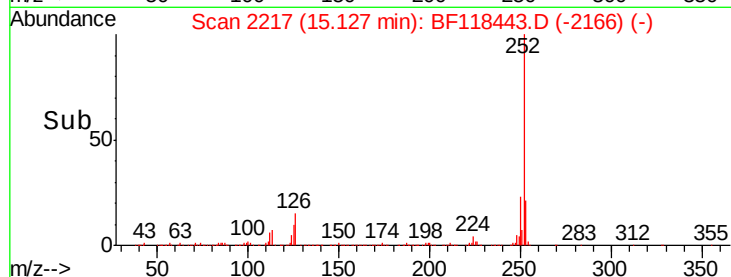
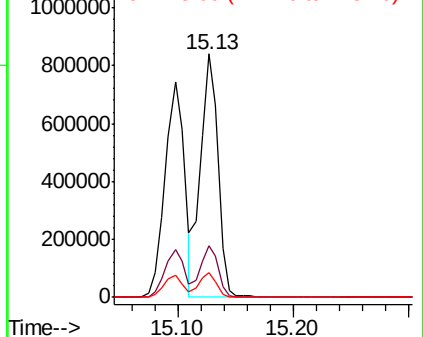
125 10.3 8.0 12.0



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: 42.641 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

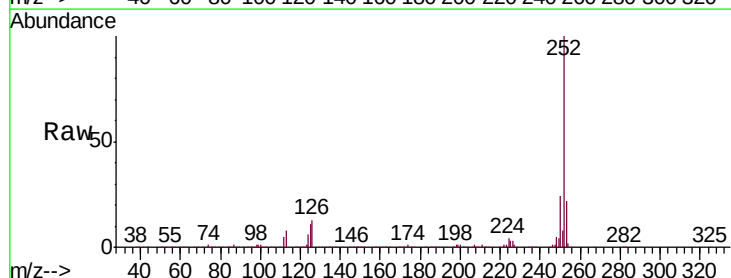
Tgt Ion:252 Resp: 776935

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

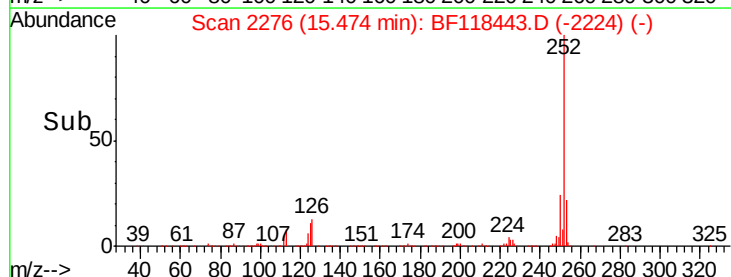
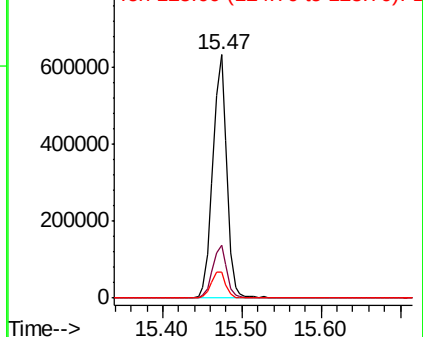
125 10.7 9.0 13.4

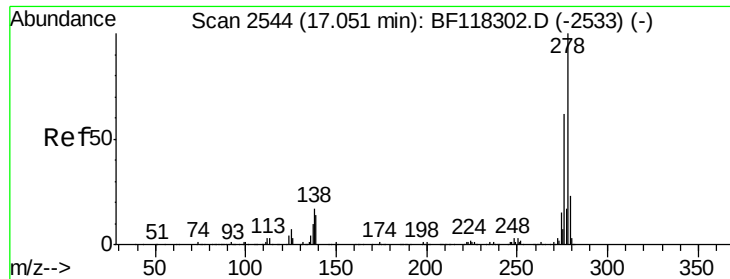


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.952 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MSD

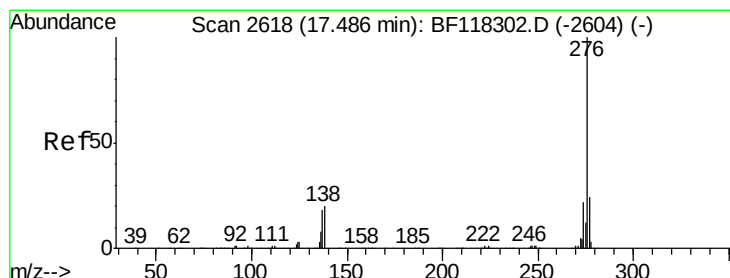
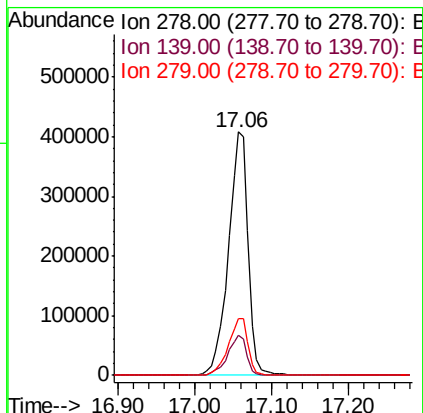
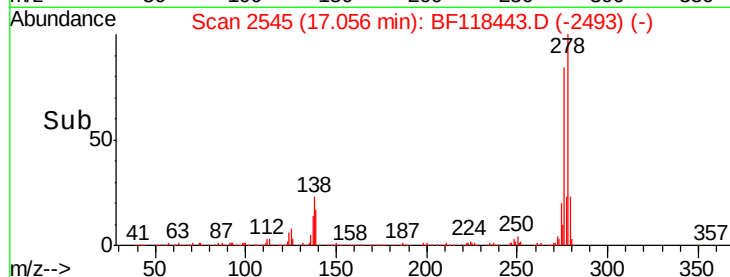
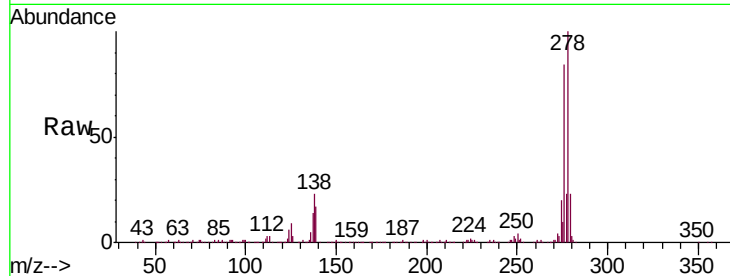
Tgt Ion:278 Resp: 726561

Ion Ratio Lower Upper

278 100

139 16.5 11.5 17.3

279 23.3 18.3 27.5



#92

Benzo(g,h,i)perylene

Concen: 44.223 ng

RT: 17.50 min Scan# 2621

Delta R.T. 0.02 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Tgt Ion:276 Resp: 675445

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 20.0 16.1 24.1

