

Data File : BF118686.D
Acq On : 24 Jan 2020 15:28
Operator : CG/JU
Sample : L1241-06MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-12MSD

Quant Time: Jan 27 01:00:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	266135	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	994783	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	549465	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	1007864	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	600016	20.00	ng	-0.03
87) Perylene-d12	15.47	264	627840	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1863837	130.07	ng	0.00
7) Phenol-d6	6.50	99	2253997	121.02	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1448738	81.46	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	775012	121.95	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	2830612	84.67	ng	-0.02
79) Terphenyl-d14	12.97	244	3344931	121.59	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.68	88	311186	44.836 ng	96
3) Pyridine	3.47	79	803087	41.054 ng	95
4) n-Nitrosodimethylamine	3.37	42	362697	43.247 ng	# 78
6) Aniline	6.53	93	726659	29.630 ng	95
8) 2-Chlorophenol	6.65	128	842771	52.399 ng	96
9) Benzaldehyde	6.41	77	418073	36.910 ng	92
10) Phenol	6.51	94	1033285	48.682 ng	98
11) bis(2-Chloroethyl)ether	6.60	93	776171	49.288 ng	95
12) 1,3-Dichlorobenzene	6.80	146	909281	48.301 ng	98
13) 1,4-Dichlorobenzene	6.88	146	916808	48.515 ng	99
14) 1,2-Dichlorobenzene	7.04	146	864487	48.664 ng	98
15) Benzyl Alcohol	7.00	79	712155	48.217 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	921567	42.014 ng	99
17) 2-Methylphenol	7.12	107	674542	50.349 ng	97
18) Hexachloroethane	7.38	117	318801	46.524 ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	548337	43.602 ng	99
20) 3+4-Methylphenols	7.27	107	794158	48.551 ng	94
22) Acetophenone	7.27	105	1034463	43.897 ng	# 93
24) Nitrobenzene	7.45	77	842669	46.274 ng	93
25) Isophorone	7.69	82	1517842	46.791 ng	98
26) 2-Nitrophenol	7.76	139	452648	58.288 ng	97
27) 2,4-Dimethylphenol	7.80	122	718611	53.588 ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	947389	45.326 ng	99
29) 2,4-Dichlorophenol	8.00	162	720006	48.570 ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	812080	47.246 ng	99
31) Naphthalene	8.17	128	2268206	50.474 ng	99
32) Benzoic acid	7.92	122	512516	50.925 ng	95
33) 4-Chloroaniline	8.21	127	305814	14.724 ng	97
34) Hexachlorobutadiene	8.29	225	472952	45.184 ng	100
35) Caprolactam	8.58	113	155299	32.012 ng	# 86
36) 4-Chloro-3-methylphenol	8.69	107	720204	49.198 ng	96
37) 2-Methylnaphthalene	8.86	142	1591871	50.186 ng	99
38) 1-Methylnaphthalene	8.96	142	1495268	49.619 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	770446	44.813 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	814410	93.890	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	559297	49.024	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	586662	50.351	ng	98
46) 1,1'-Biphenyl	9.32	154	1913549	50.531	ng	97
47) 2-Chloronaphthalene	9.35	162	1545586	48.423	ng	98
48) 2-Nitroaniline	9.44	65	433349	44.166	ng	86
49) Acenaphthylene	9.76	152	2371121	52.805	ng	97
50) Dimethylphthalate	9.62	163	2125683	59.379	ng	99
51) 2,6-Dinitrotoluene	9.68	165	422095	52.655	ng #	81
52) Acenaphthene	9.93	154	1584589	52.774	ng	99
53) 3-Nitroaniline	9.85	138	236456	25.832	ng	92
54) 2,4-Dinitrophenol	9.95	184	382675	119.575	ng #	37
55) Dibenzofuran	10.11	168	2138447	51.392	ng	95
56) 4-Nitrophenol	10.01	139	711822	103.013	ng	89
57) 2,4-Dinitrotoluene	10.09	165	555490	54.968	ng	87
58) Fluorene	10.45	166	1591198	48.711	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	515210	50.273	ng	97
60) Diethylphthalate	10.32	149	1709805	49.261	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	846207	47.630	ng	97
62) 4-Nitroaniline	10.46	138	380049	40.477	ng	93
63) Azobenzene	10.60	77	1569355	46.687	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	278406	62.820	ng	84
66) n-Nitrosodiphenylamine	10.56	169	1502689	49.439	ng	98
67) 4-Bromophenyl-phenylether	10.93	248	580487	46.619	ng #	94
68) Hexachlorobenzene	11.00	284	643788	45.603	ng	97
69) Atrazine	11.08	200	495926	47.074	ng	99
70) Pentachlorophenol	11.19	266	711403	90.638	ng	98
71) Phenanthrene	11.41	178	2412145	49.608	ng	95
72) Anthracene	11.46	178	2480638	51.559	ng	96
73) Carbazole	11.61	167	2152555	48.777	ng	97
74) Di-n-butylphthalate	11.94	149	2496042	50.908	ng	98
75) Fluoranthene	12.59	202	2617212	51.034	ng	98
77) Benzidine	12.71	184	1167901	72.848	ng	99
78) Pyrene	12.82	202	2600035	63.827	ng	95
80) Butylbenzylphthalate	13.44	149	1063208	63.774	ng	95
81) Benzo(a)anthracene	14.01	228	1845962	51.143	ng	96
82) 3,3'-Dichlorobenzidine	13.97	252	442588	34.412	ng	97
83) Chrysene	14.04	228	1796961	51.946	ng	96
84) Bis(2-ethylhexyl)phthalate	14.00	149	1260715	61.897	ng	97
85) Di-n-octyl phthalate	14.61	149	1850595	61.383	ng	96
86) Indeno(1,2,3-cd)pyrene	16.95	276	2252716	74.947	ng	98
88) Benzo(b)fluoranthene	15.05	252	1829989	46.371	ng	98
89) Benzo(k)fluoranthene	15.09	252	1610862	44.058	ng	97
90) Benzo(a)pyrene	15.42	252	1622342	47.655	ng	97
91) Dibenzo(a,h)anthracene	16.96	278	1845296	61.279	ng	98
92) Benzo(g,h,i)perylene	17.39	276	1957191	66.939	ng	97

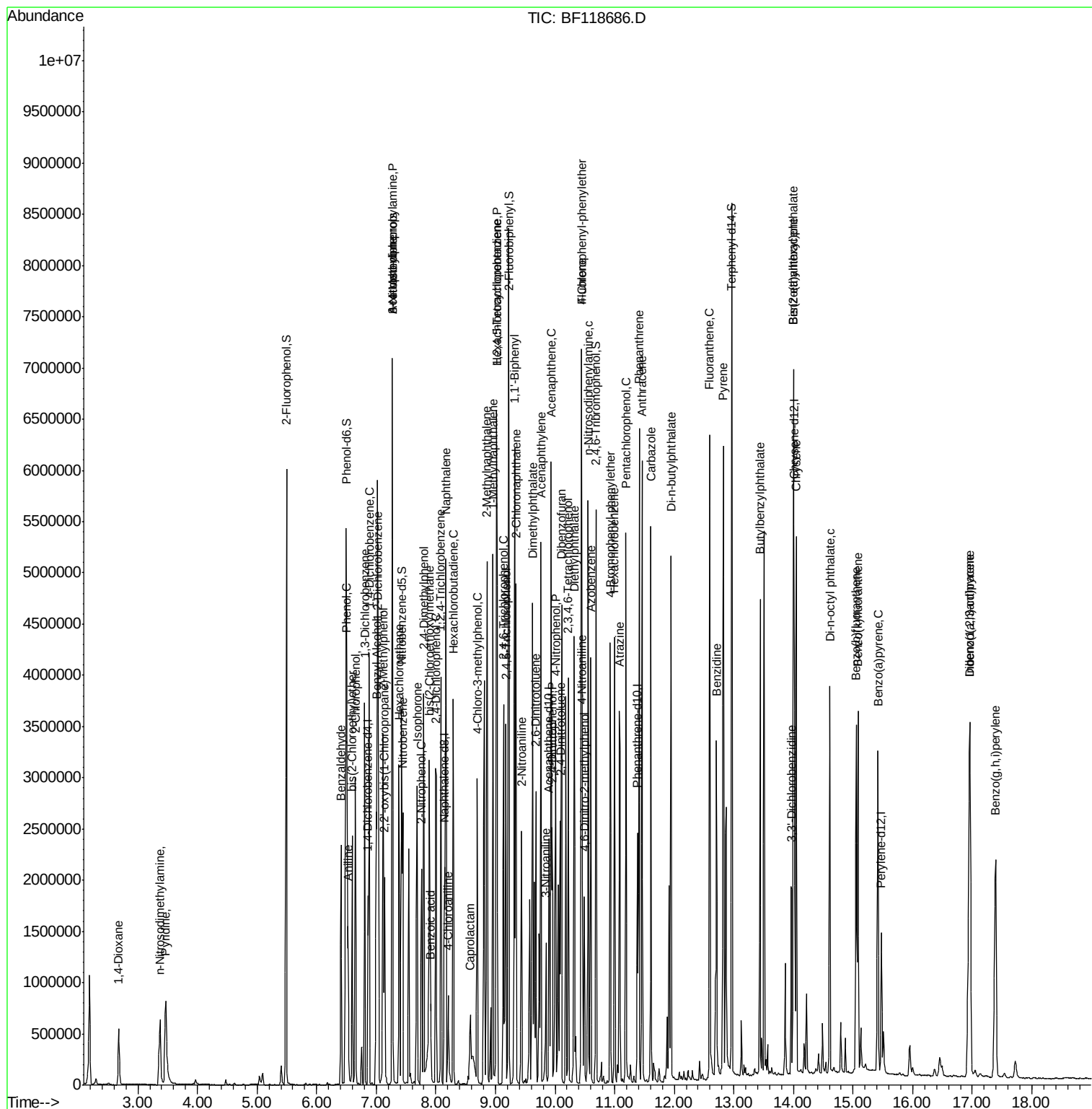
(#) = qualifier out of range (m) = manual integration (+) = signals summed

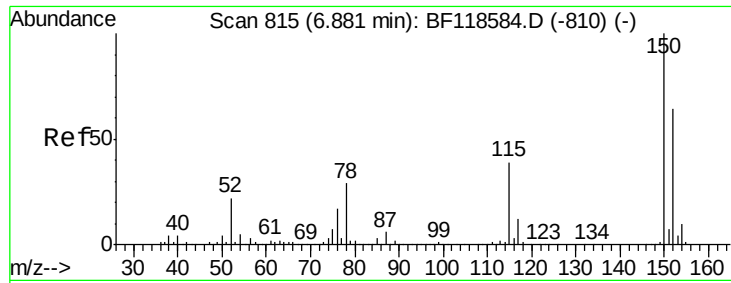
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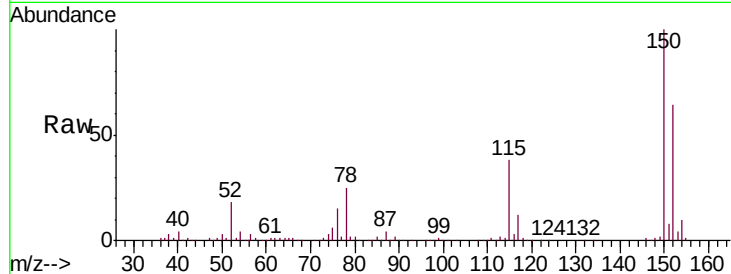


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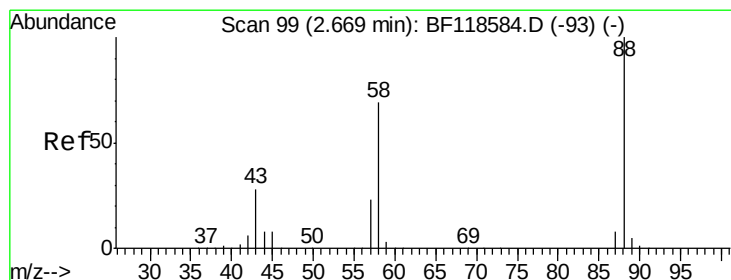
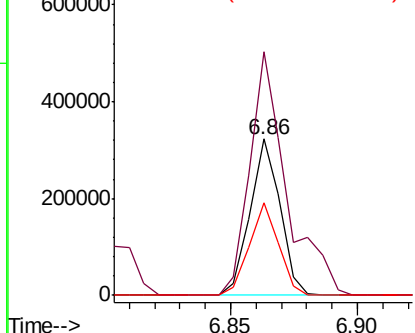
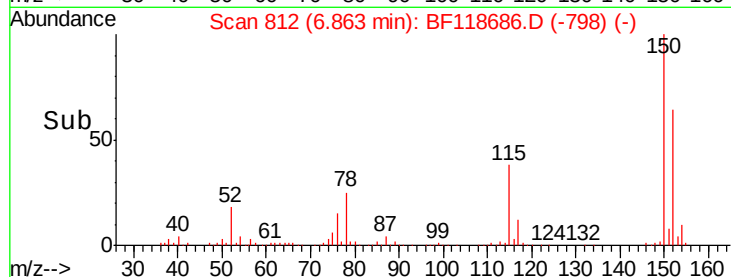
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Instrument :
BNA_F
ClientSampleId :
EP-12MSD

Tgt Ion:152 Resp: 266135
Ion Ratio Lower Upper
152 100
150 155.9 125.6 188.4
115 59.3 48.4 72.6



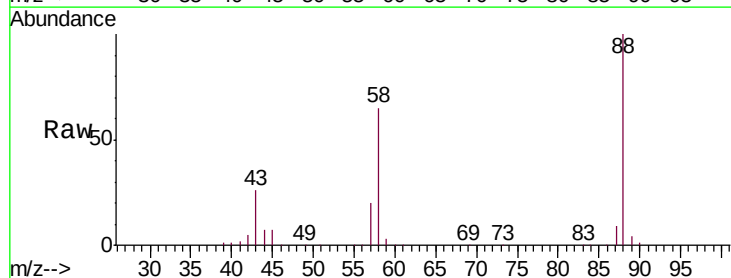
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



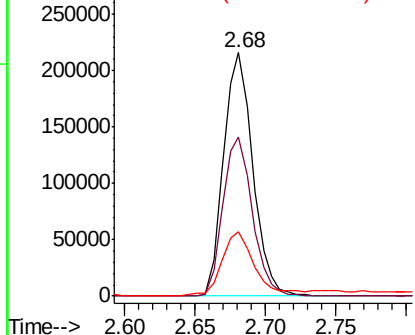
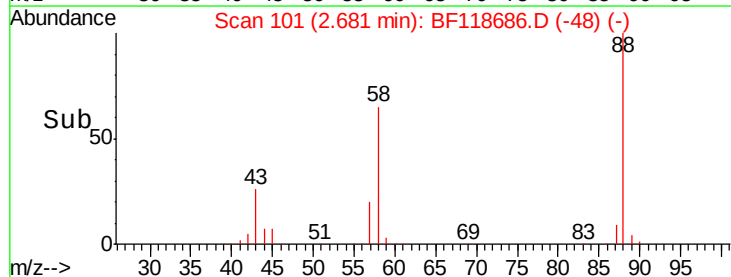
#2

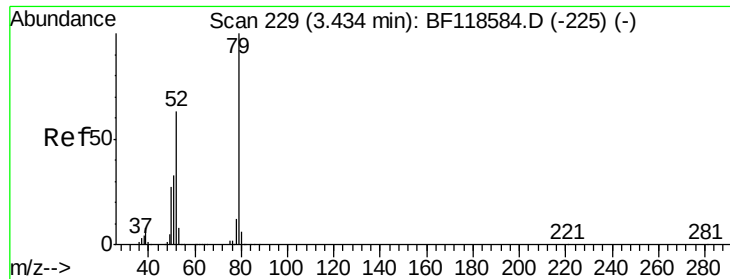
1,4-Dioxane
Concen: 44.836 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.01 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Tgt Ion: 88 Resp: 311186
Ion Ratio Lower Upper
88 100
58 65.6 56.1 84.1
43 29.0 23.0 34.6



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: 41.054 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.04 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

Instrument :

BNA_F

ClientSampleId :

EP-12MSD

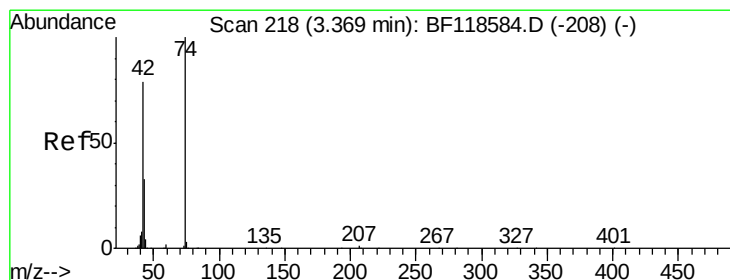
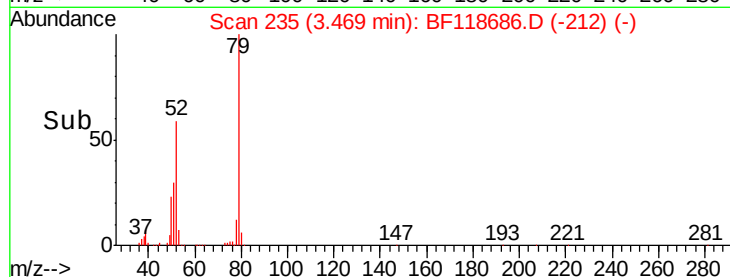
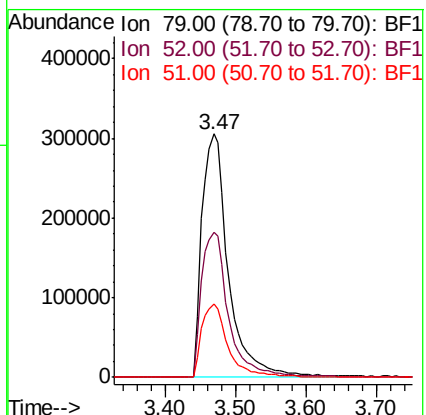
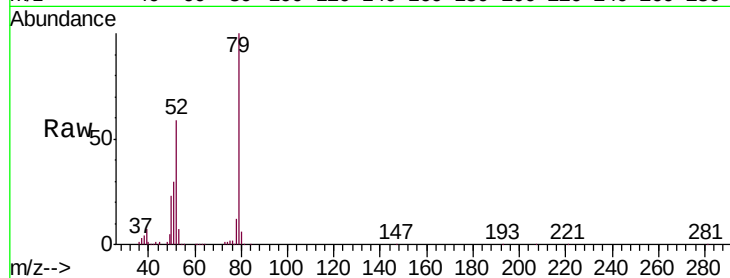
Tgt Ion: 79 Resp: 803087

Ion Ratio Lower Upper

79 100

52 59.4 50.7 76.1

51 30.1 26.6 40.0



#4

n-Nitrosodimethylamine

Concen: 43.247 ng

RT: 3.37 min Scan# 219

Delta R.T. 0.01 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

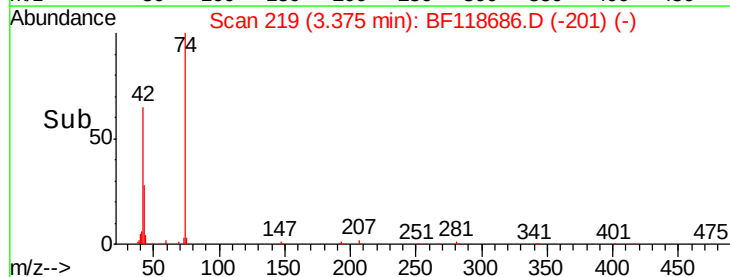
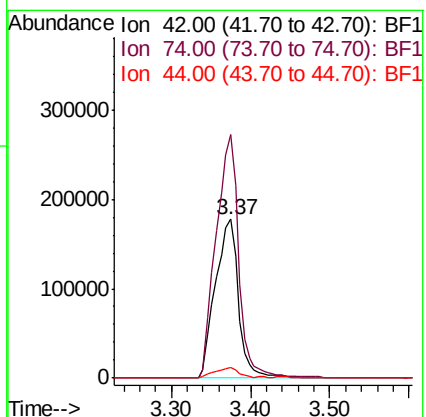
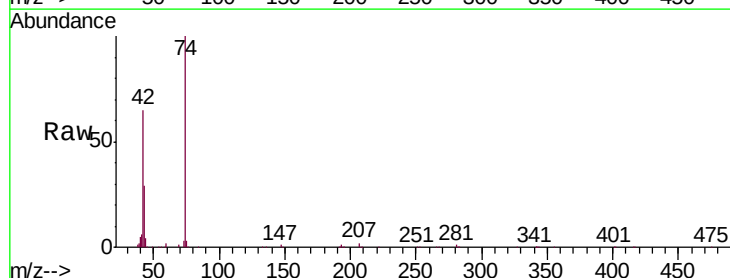
Tgt Ion: 42 Resp: 362697

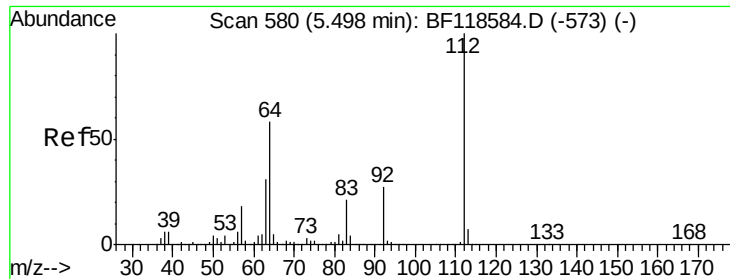
Ion Ratio Lower Upper

42 100

74 153.4 101.6 152.4#

44 6.8 4.9 7.3





#5

2-Fluorophenol

Concen: 130.070 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

Instrument :

BNA_F

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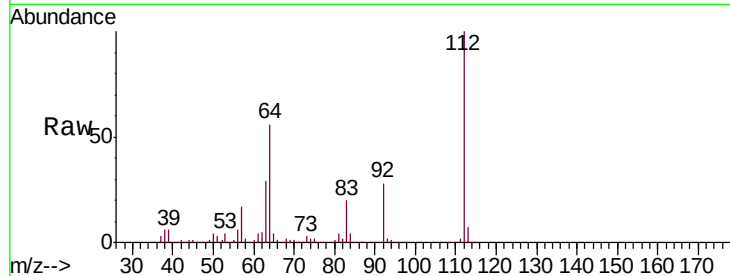
Tgt Ion:112 Resp: 1863837

Ion Ratio Lower Upper

112 100

64 55.6 46.6 70.0

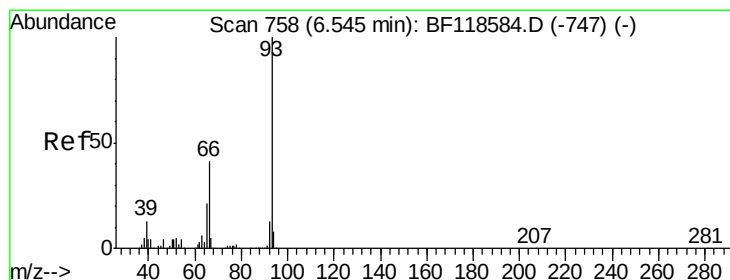
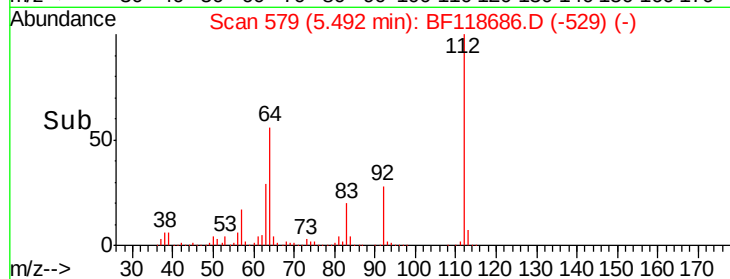
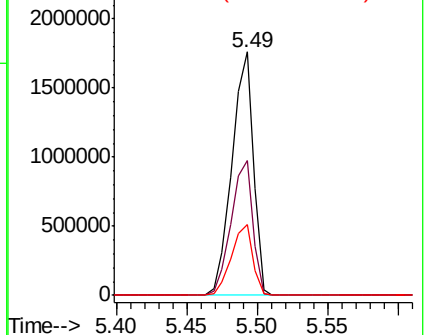
63 29.2 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.630 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

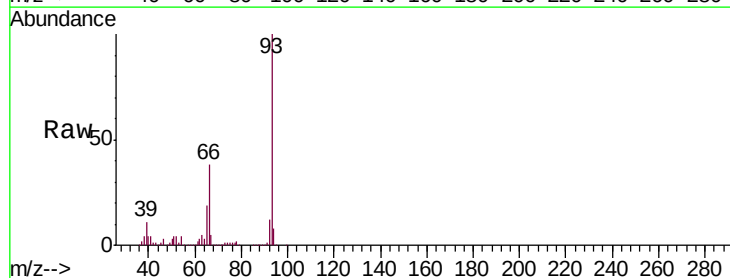
Tgt Ion: 93 Resp: 726659

Ion Ratio Lower Upper

93 100

66 37.5 32.8 49.2

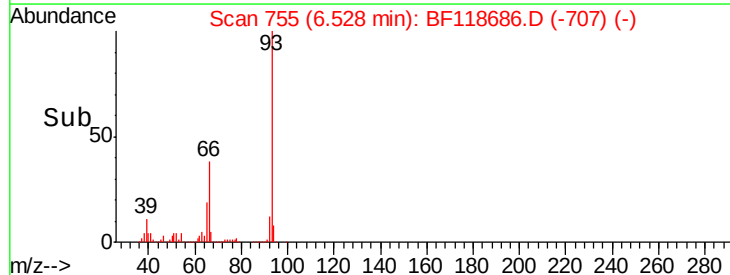
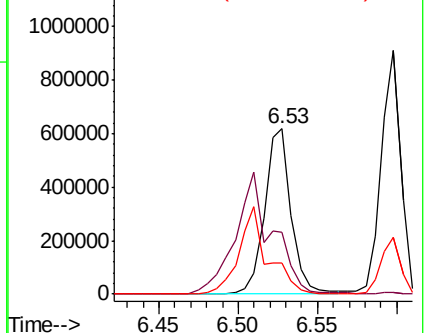
65 18.8 16.5 24.7

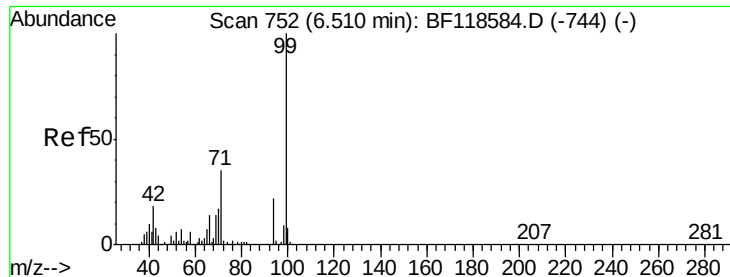


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.022 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

Instrument :

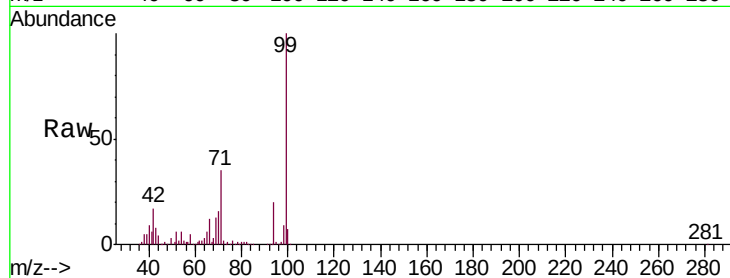
BNA_F

ClientSampleId :

EP-12MSD

Tgt Ion: 99 Resp: 2253997

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.2	21.2
71	35.1	27.8	41.6

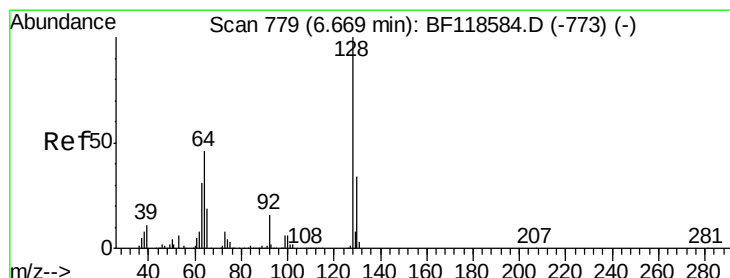
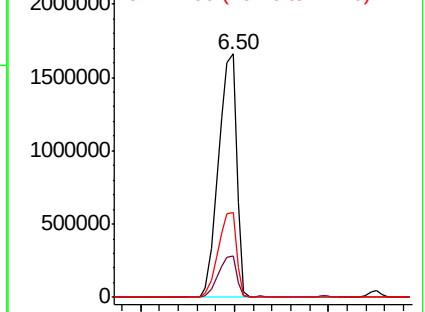
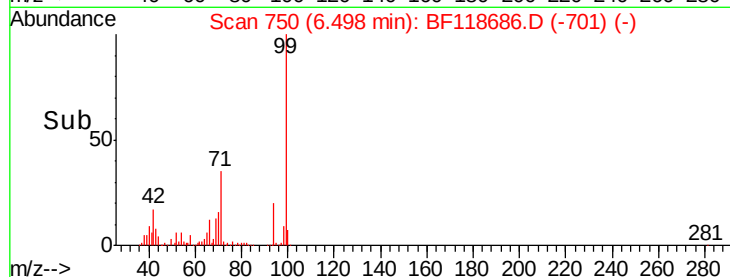


Abundance

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: 52.399 ng

RT: 6.65 min Scan# 776

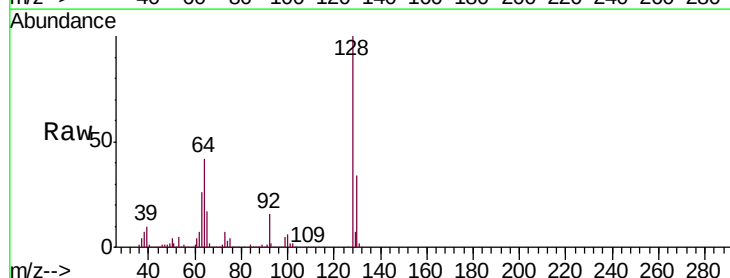
Delta R.T. -0.02 min

Lab File: BF118686.D

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Tgt Ion: 128 Resp: 842771

Ion	Ratio	Lower	Upper
128	100		
130	33.7	13.6	53.6
64	42.2	26.4	66.4

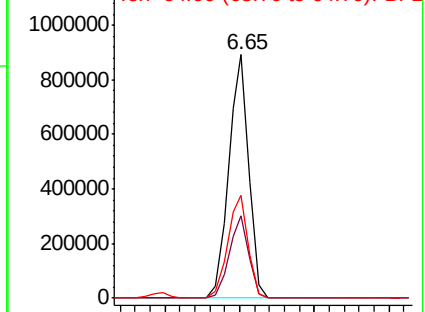
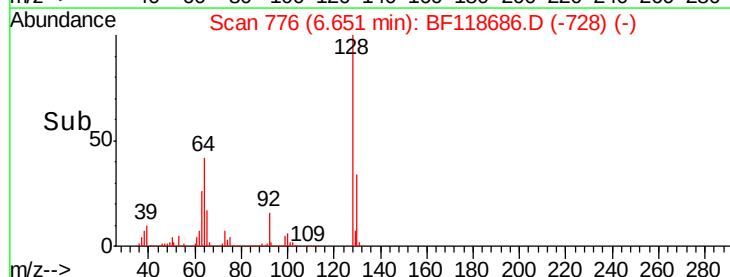


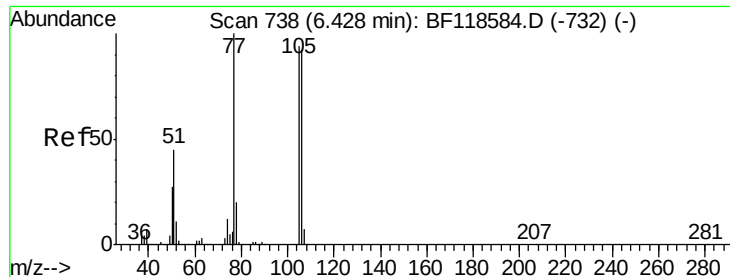
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.910 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

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EP-12MSD

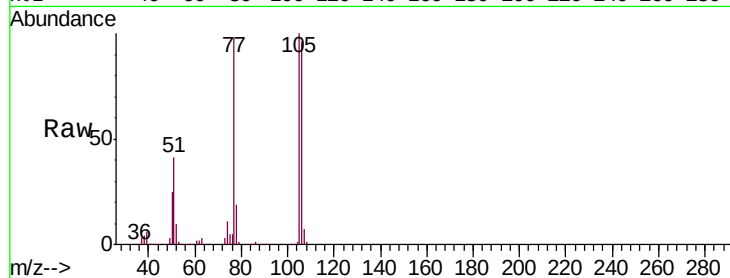
Tgt Ion: 77 Resp: 418073

Ion Ratio Lower Upper

77 100

105 102.5 73.5 113.5

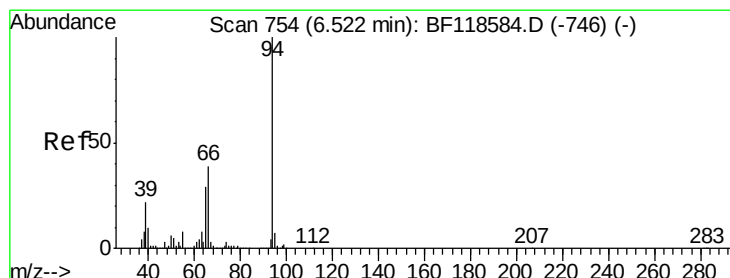
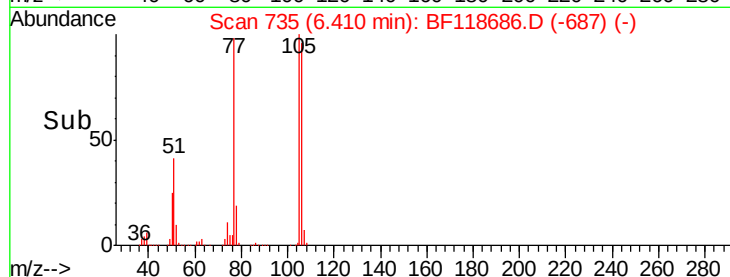
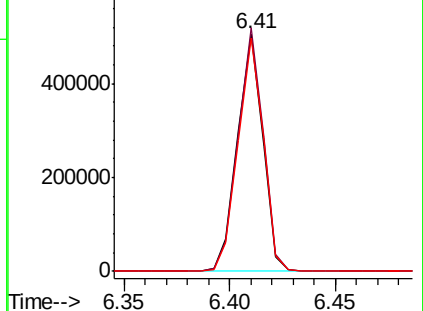
106 98.1 71.9 111.9



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: 48.682 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

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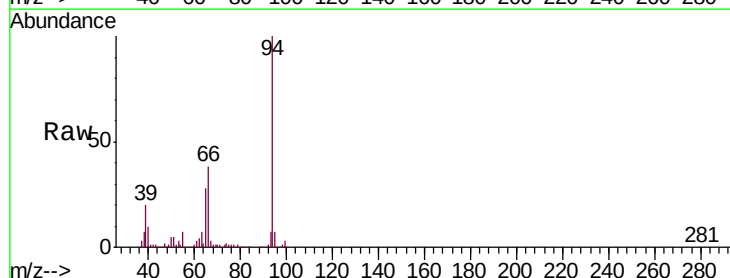
Tgt Ion: 94 Resp: 1033285

Ion Ratio Lower Upper

94 100

65 27.5 9.5 49.5

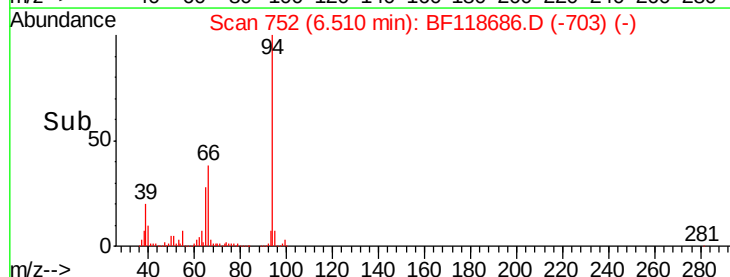
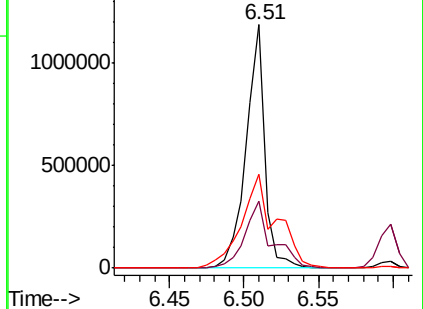
66 38.4 18.5 58.5

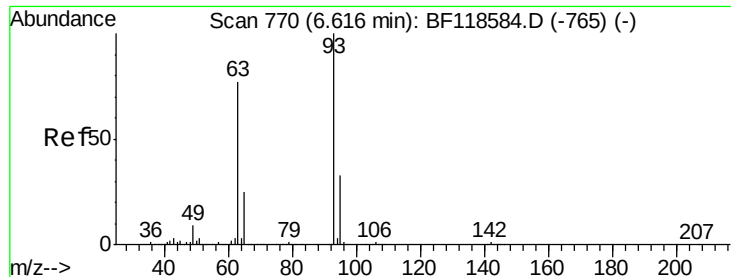


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

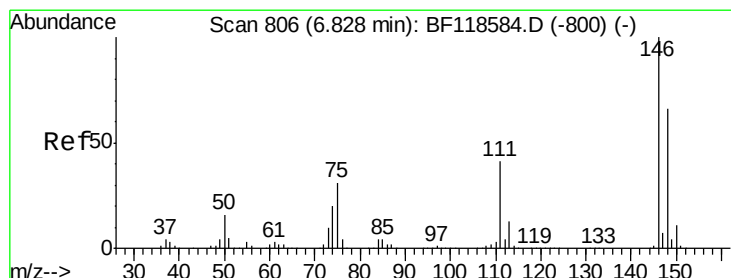
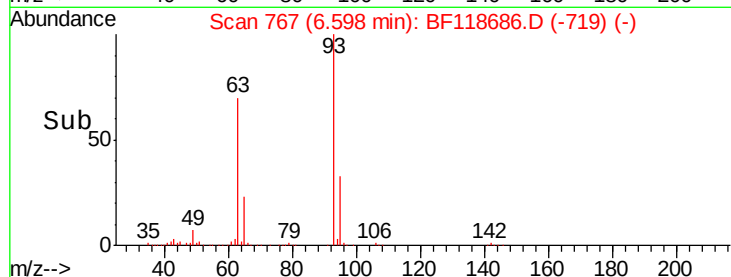
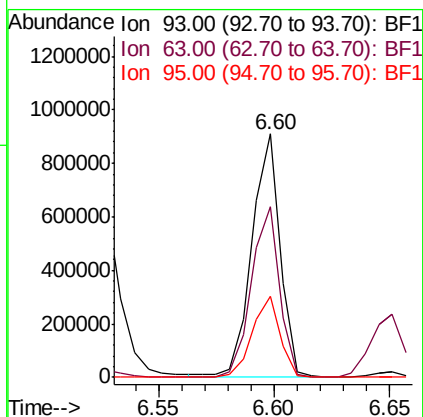
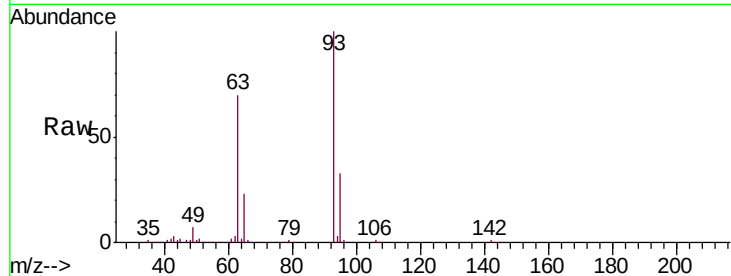




#11
 bis(2-Chloroethyl)ether
 Concen: 49.288 ng
 RT: 6.60 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF118686.D
 Acq: 24 Jan 2020 15:28

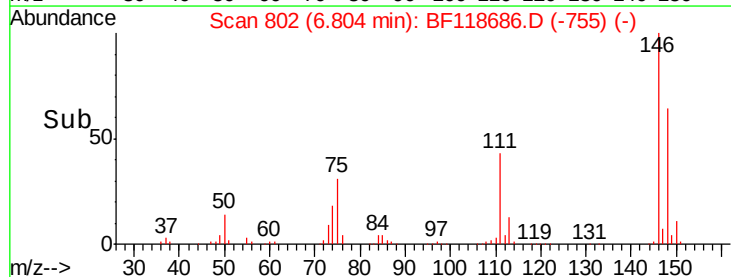
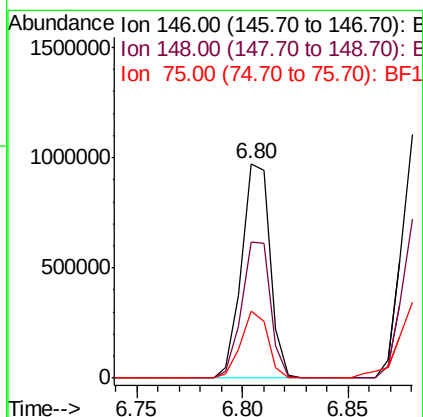
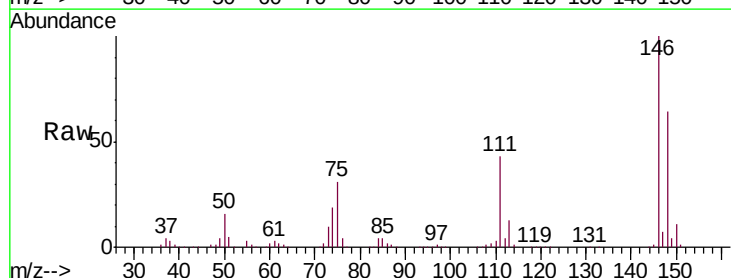
Instrument :
 BNA_F
 ClientSampleId :
 EP-12MSD

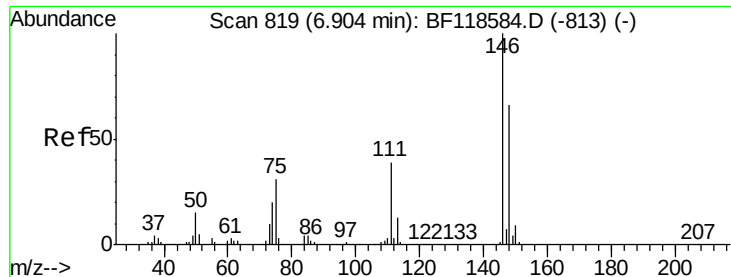
Tgt Ion: 93 Resp: 776171
 Ion Ratio Lower Upper
 93 100
 63 70.3 56.3 96.3
 95 33.3 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 48.301 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BF118686.D
 Acq: 24 Jan 2020 15:28

Tgt Ion: 146 Resp: 909281
 Ion Ratio Lower Upper
 146 100
 148 63.6 53.0 79.6
 75 31.0 25.1 37.7

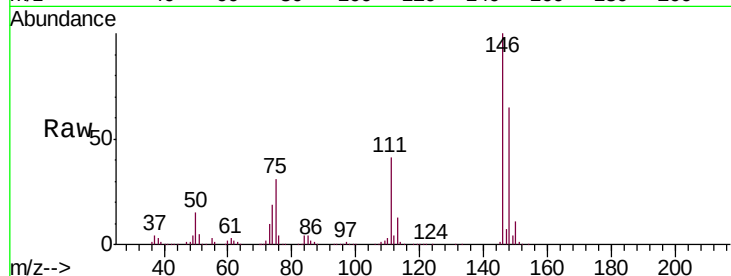




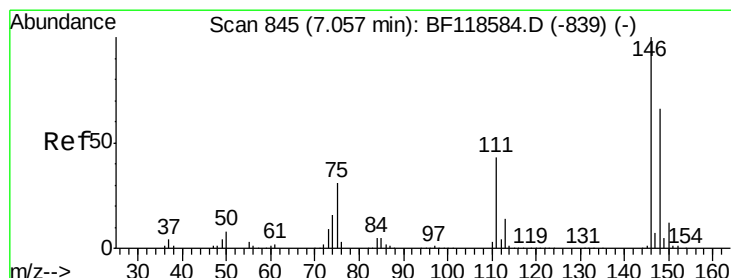
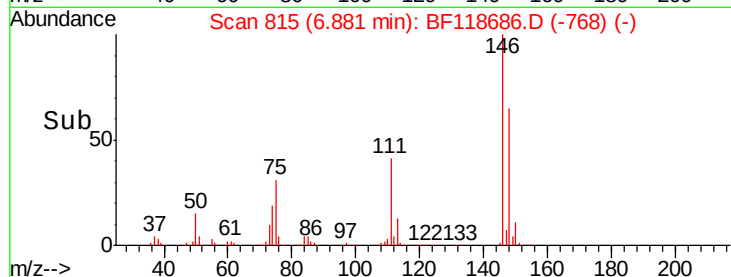
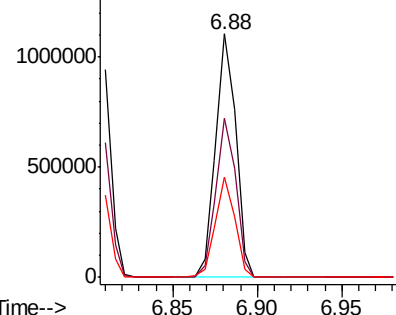
#13
 1,4-Dichlorobenzene
 Concen: 48.515 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF118686.D
 Acq: 24 Jan 2020 15:28

Instrument :
 BNA_F
 ClientSampled :
 EP-12MSD

Tgt Ion:146 Resp: 916808
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.4 78.6
 111 41.4 31.6 47.4

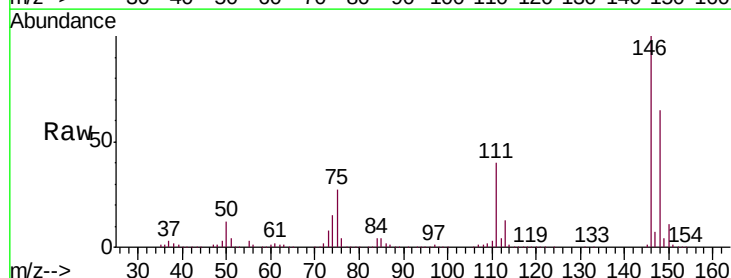


Abundance Ion 146.00 (145.70 to 146.70): E
 1500000
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

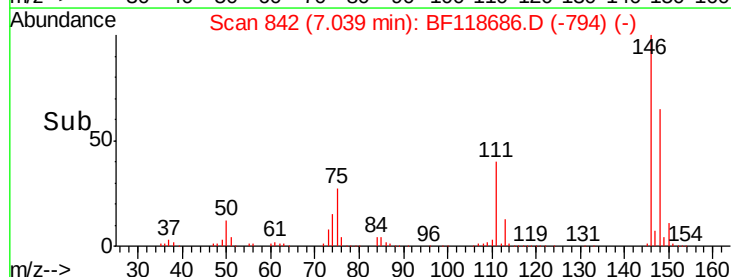
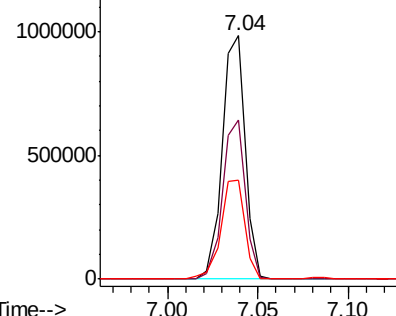


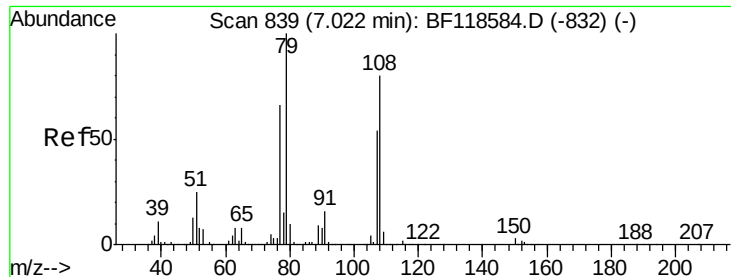
#14
 1,2-Dichlorobenzene
 Concen: 48.664 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.02 min
 Lab File: BF118686.D
 Acq: 24 Jan 2020 15:28

Tgt Ion:146 Resp: 864487
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.7 79.1
 111 40.4 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E
 1000000
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

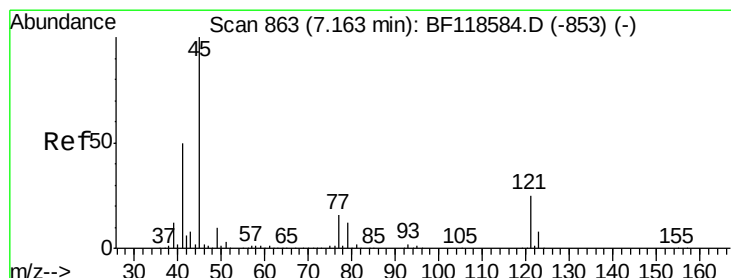
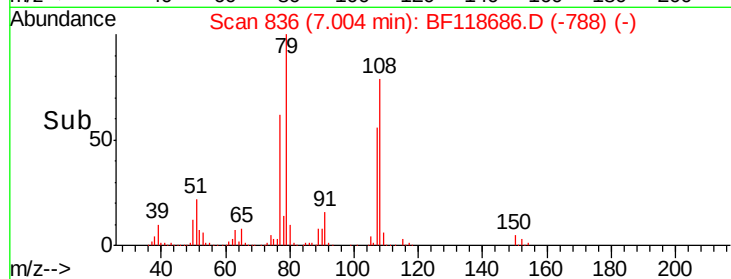
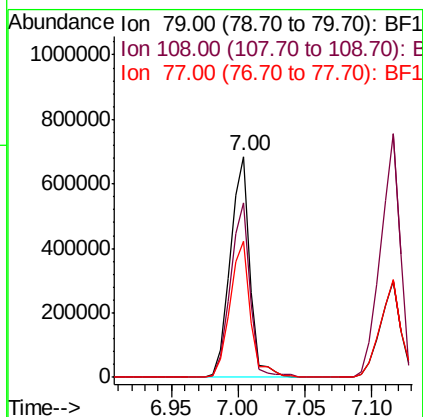
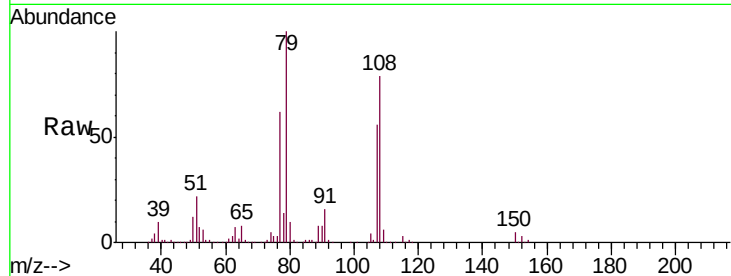




#15
Benzyl Alcohol
Concen: 48.217 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

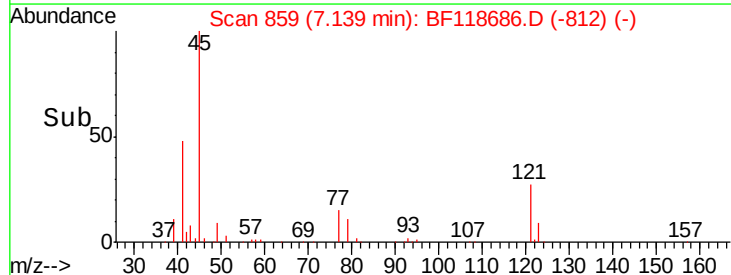
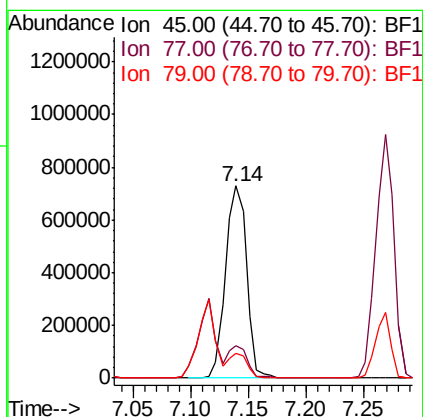
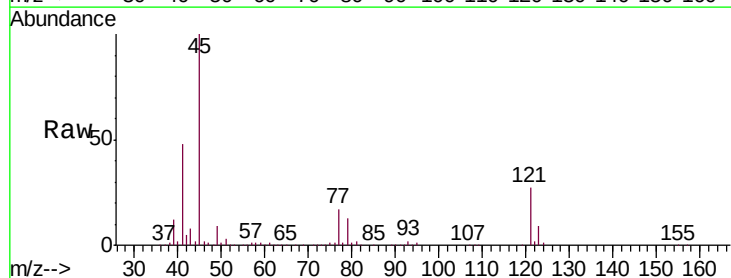
Instrument :
BNA_F
ClientSampleId :
EP-12MSD

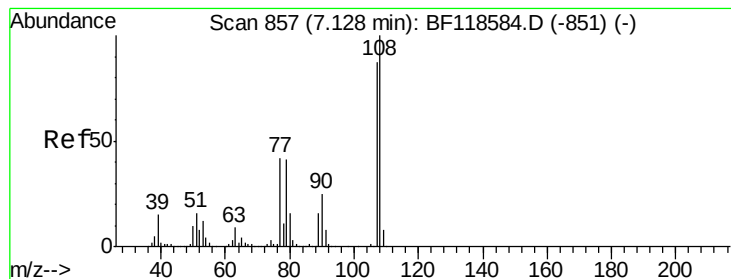
Tgt Ion	Ratio	Lower	Upper
79	100		
108	79.1	63.6	95.4
77	62.0	52.5	78.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.014 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	36.1
79	12.7	0.0	32.4





#17

2-Methylphenol

Concen: 50.349 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

Instrument :

BNA_F

ClientSampleId :

EP-12MSD

Tgt Ion:107 Resp: 674542

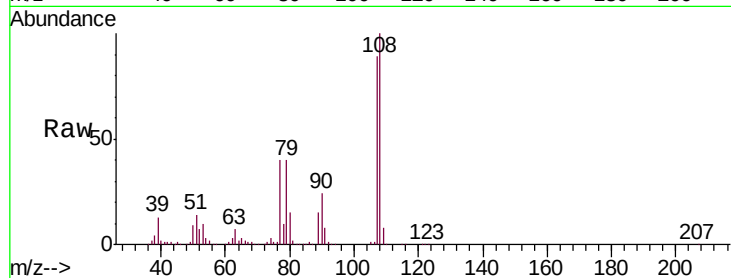
Ion Ratio Lower Upper

107 100

108 112.9 91.5 137.3

77 45.2 38.7 58.1

79 44.8 37.7 56.5



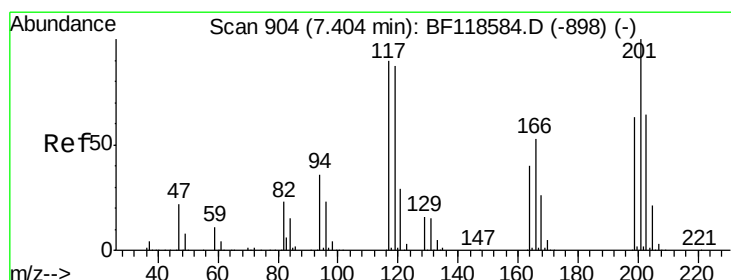
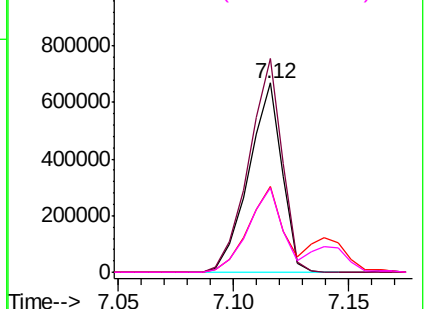
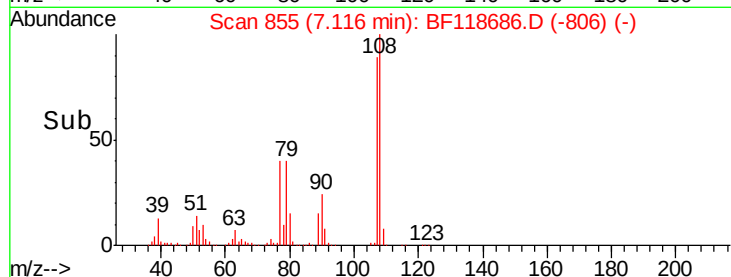
Abundance

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: 46.524 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

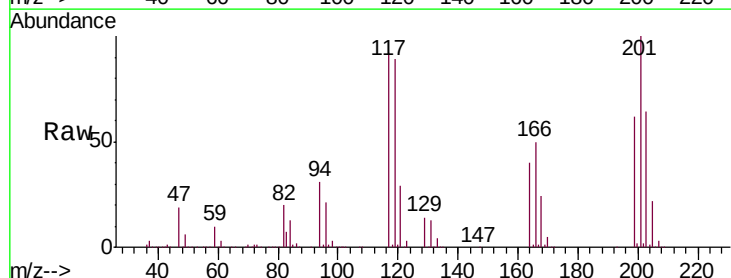
Tgt Ion:117 Resp: 318801

Ion Ratio Lower Upper

117 100

119 97.3 77.6 116.4

201 109.1 88.8 133.2

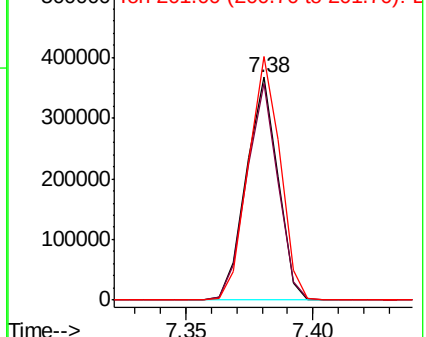
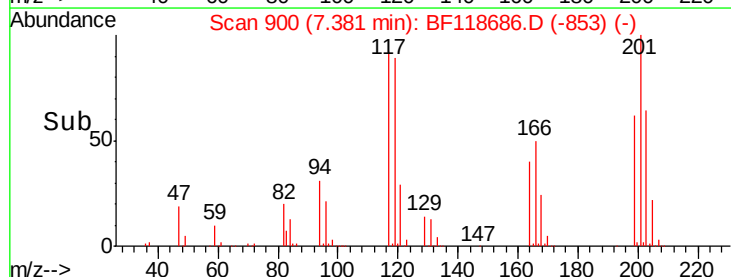


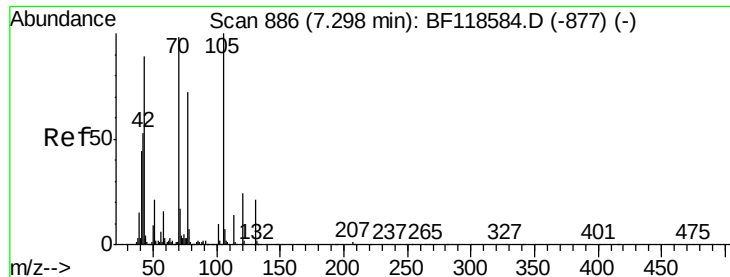
Abundance

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

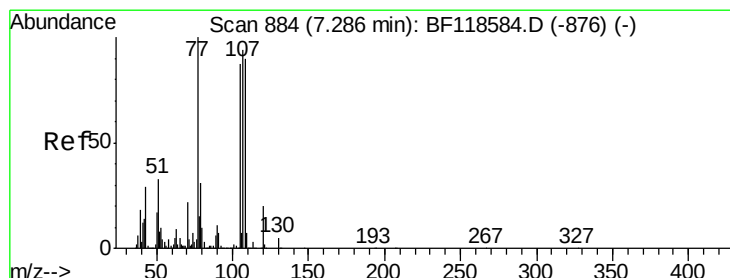
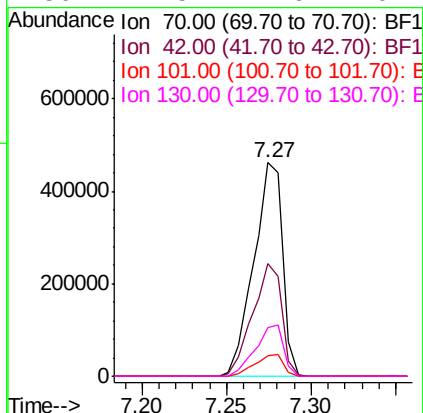
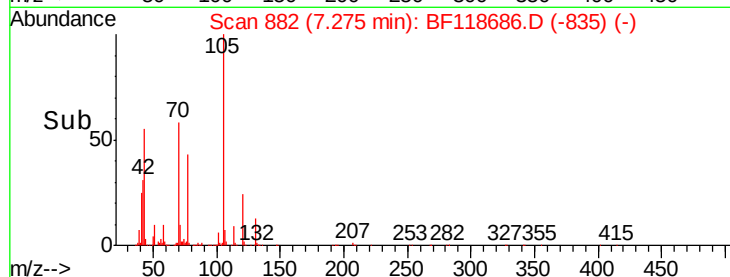
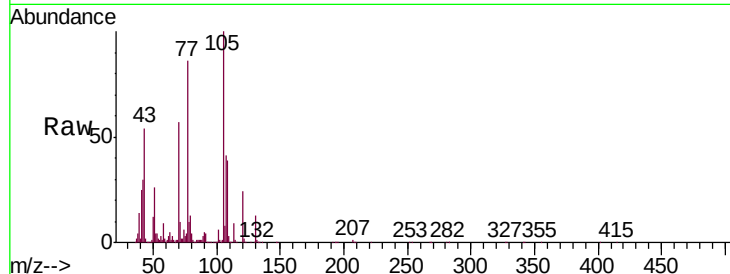




#19
n-Nitroso-di-n-propylamine
Concen: 43.602 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

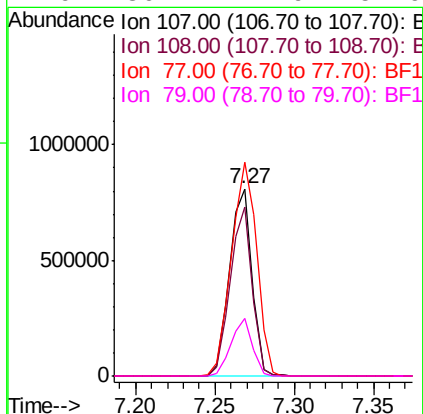
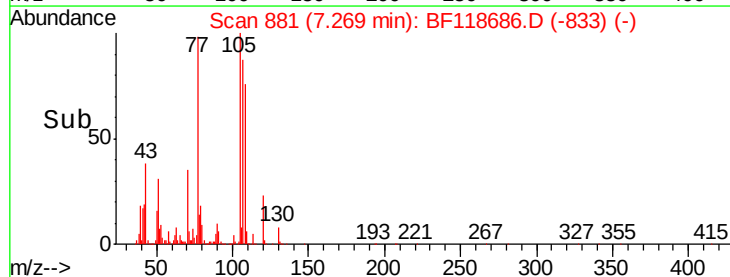
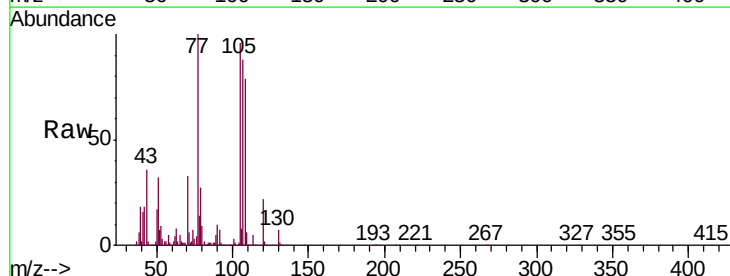
Instrument :
BNA_F
ClientSampleId :
EP-12MSD

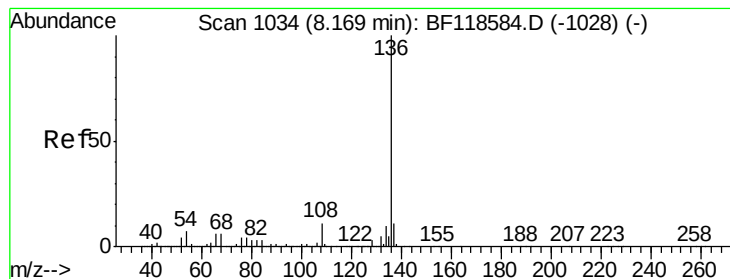
Tgt Ion:	70	Resp:	548337
Ion	Ratio	Lower	Upper
70	100		
42	52.9	43.4	65.0
101	9.9	8.1	12.1
130	22.5	17.6	26.4



#20
3+4-Methylphenols
Concen: 48.551 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Tgt Ion:	107	Resp:	794158
Ion	Ratio	Lower	Upper
107	100		
108	90.4	75.8	115.8
77	113.9	86.5	126.5
79	30.7	12.9	52.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

Instrument :

BNA_F

ClientSampleId :

EP-12MSD

Tgt Ion:136 Resp: 994783

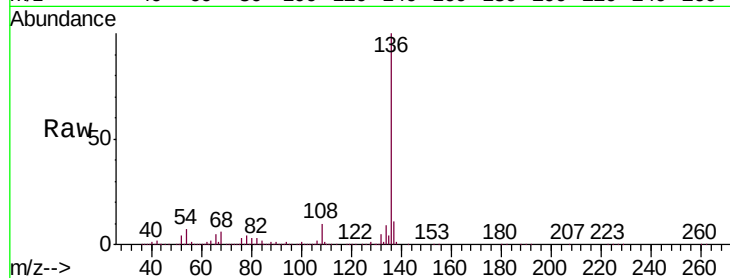
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 6.9 5.8 8.6

68 5.9 5.0 7.4

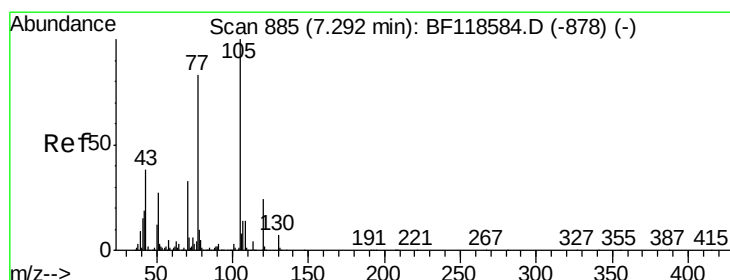
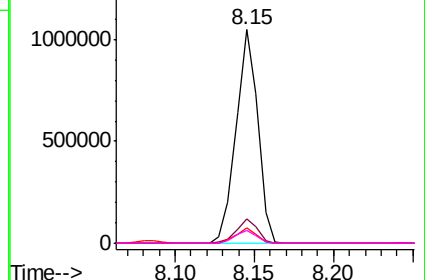
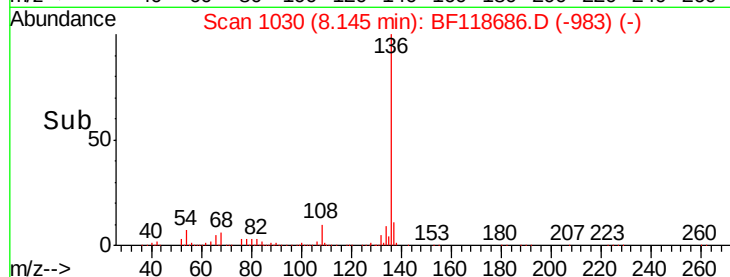


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.897 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

Tgt Ion:105 Resp: 1034463

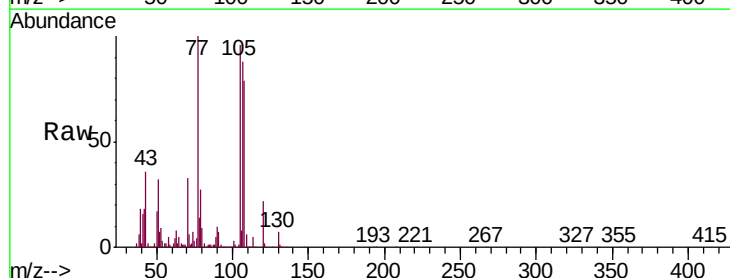
Ion Ratio Lower Upper

105 100

71 5.9 4.5 6.7

51 33.7 21.5 32.3#

120 23.3 19.0 28.6

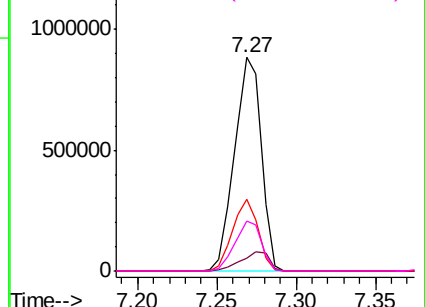
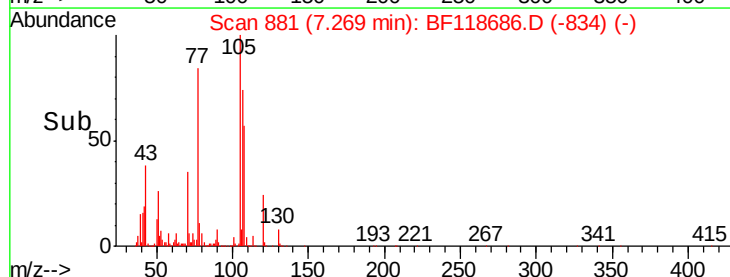


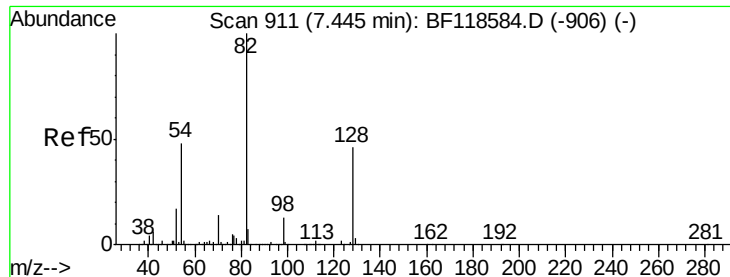
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

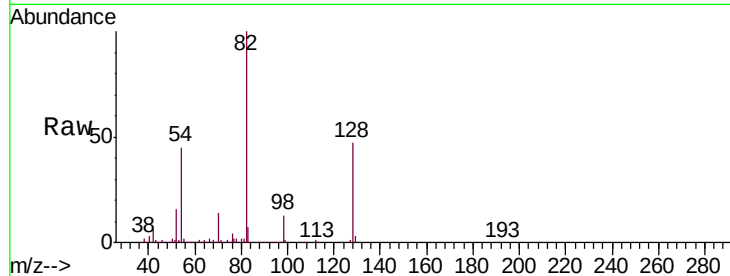




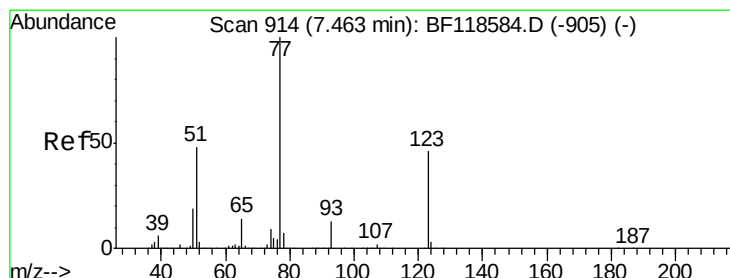
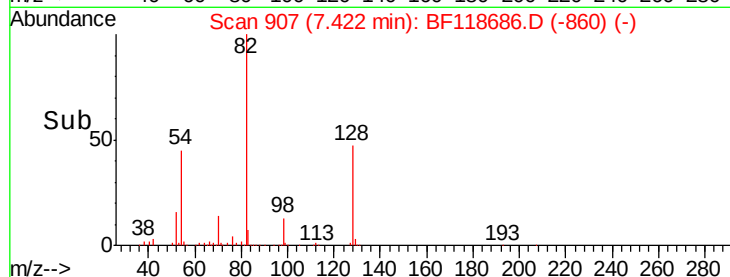
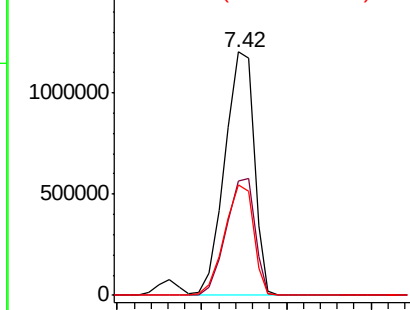
#23
 Nitrobenzene-d5
 Concen: 81.459 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF118686.D
 Acq: 24 Jan 2020 15:28

Instrument :
 BNA_F
 ClientSampleId :
 EP-12MSD

Tgt Ion: 82 Resp: 1448738
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.6 54.8
 54 45.4 38.0 57.0

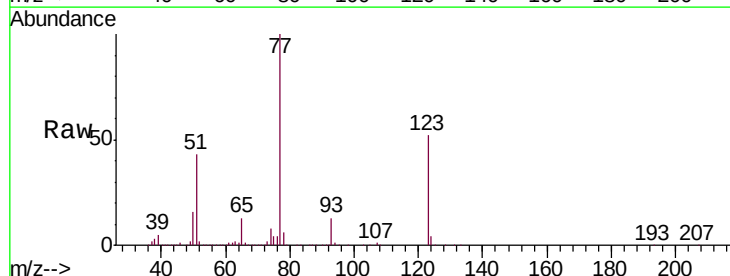


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

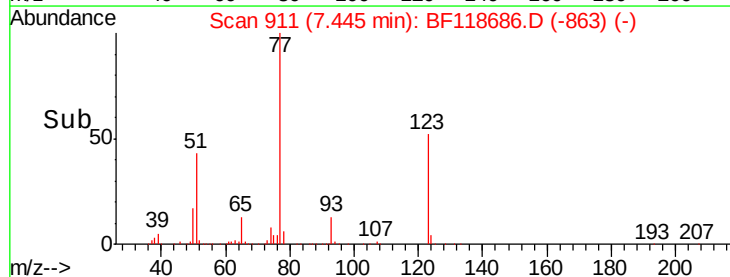
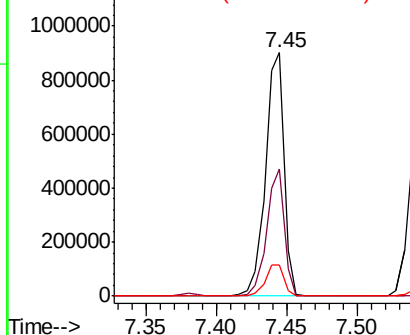


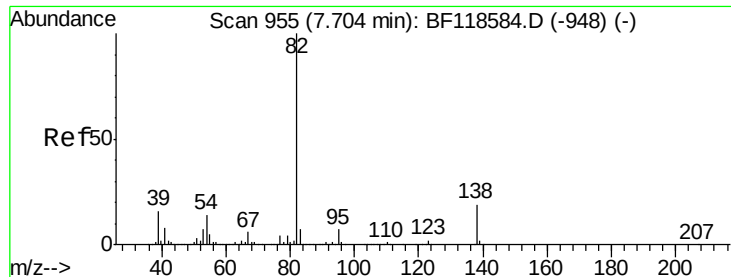
#24
 Nitrobenzene
 Concen: 46.274 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.02 min
 Lab File: BF118686.D
 Acq: 24 Jan 2020 15:28

Tgt Ion: 77 Resp: 842669
 Ion Ratio Lower Upper
 77 100
 123 52.0 37.0 55.4
 65 13.0 11.1 16.7



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: 46.791 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

Instrument :

BNA_F

ClientSampleId :

EP-12MSD

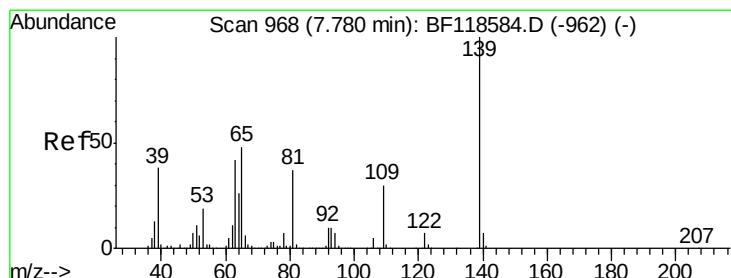
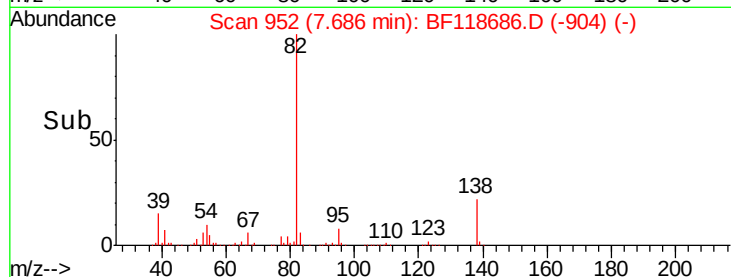
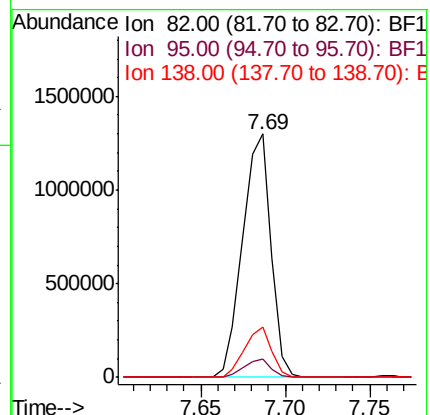
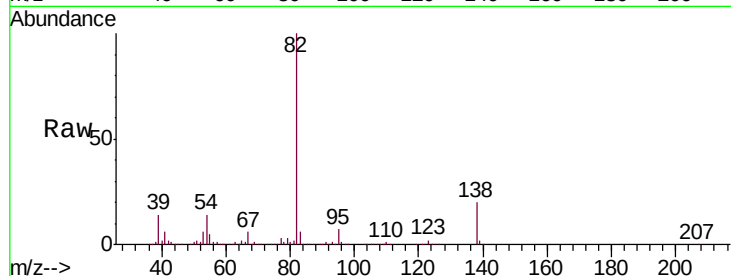
Tgt Ion: 82 Resp: 1517842

Ion Ratio Lower Upper

82 100

95 7.4 5.9 8.9

138 20.4 15.3 22.9



#26

2-Nitrophenol

Concen: 58.288 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.02 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

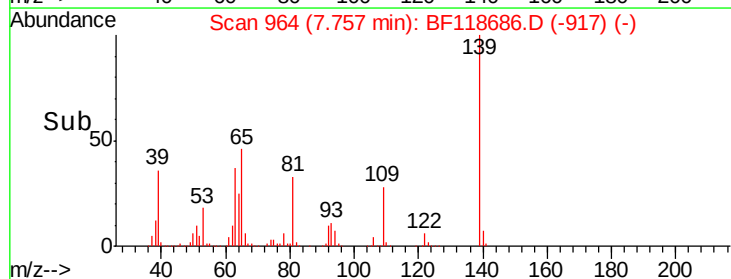
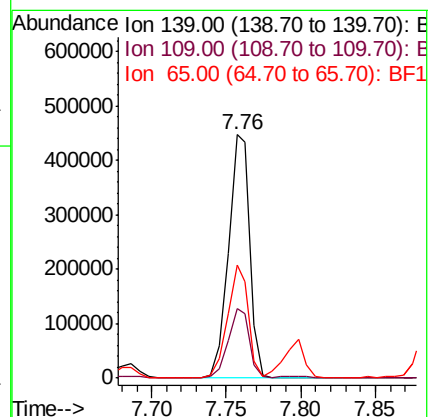
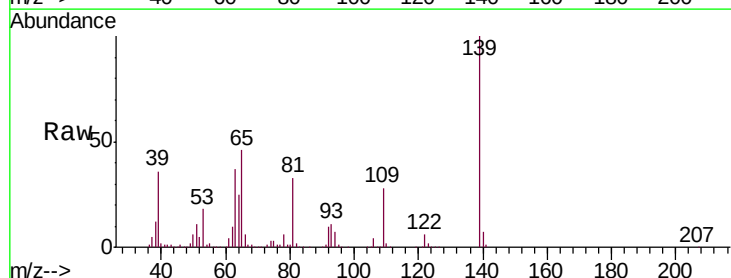
Tgt Ion: 139 Resp: 452648

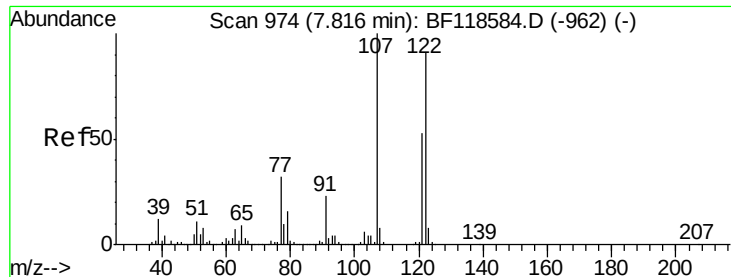
Ion Ratio Lower Upper

139 100

109 28.5 23.8 35.8

65 46.4 38.5 57.7

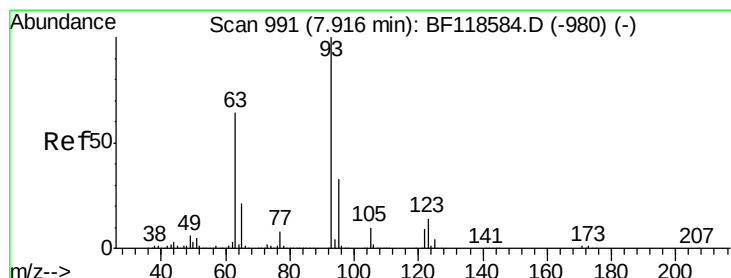
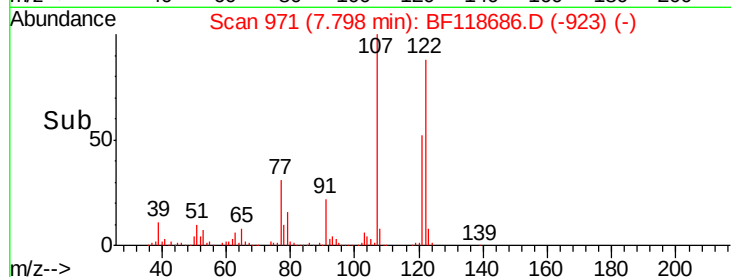
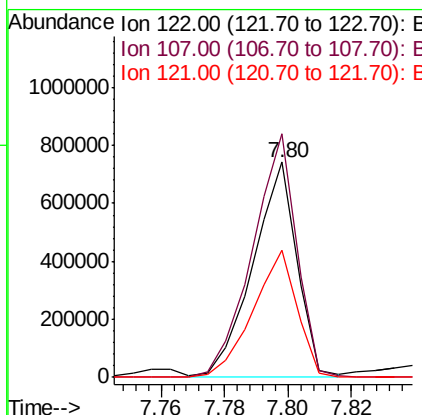
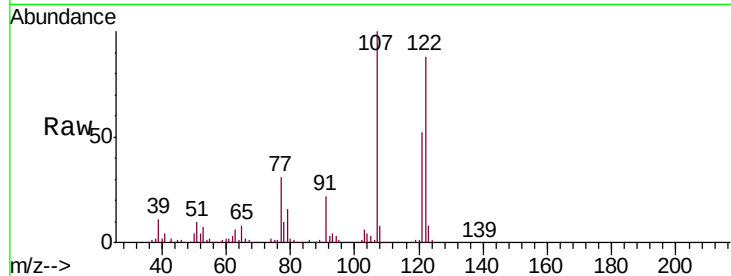




#27
2,4-Dimethylphenol
Concen: 53.588 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

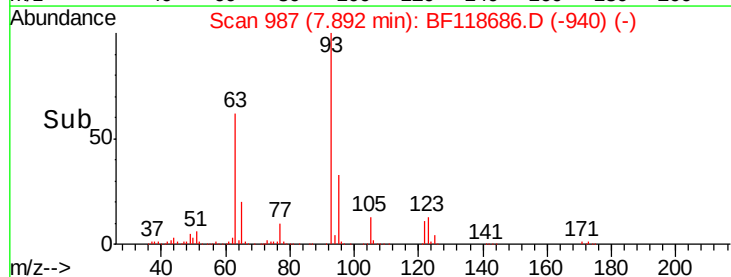
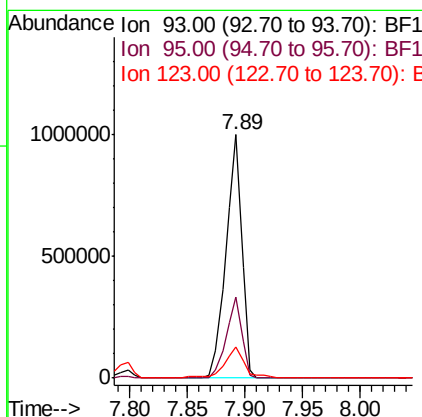
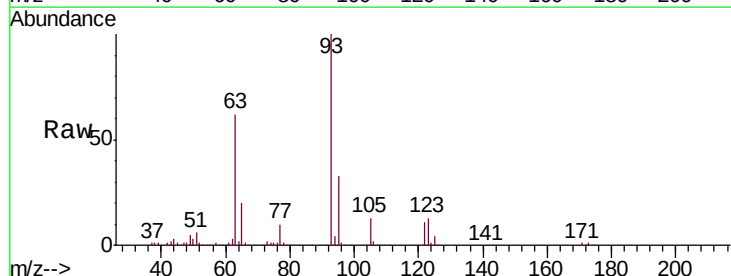
Instrument :
BNA_F
ClientSampleId :
EP-12MSD

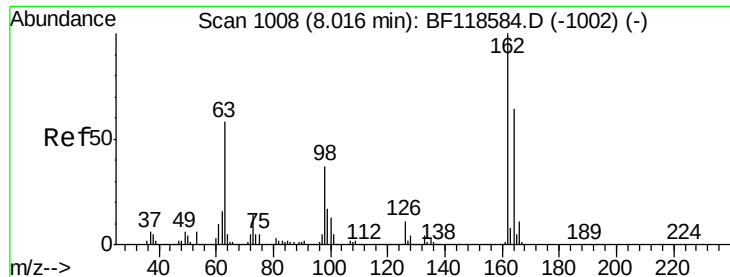
Tgt Ion:122 Resp: 718611
Ion Ratio Lower Upper
122 100
107 113.2 88.0 132.0
121 58.9 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 45.326 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Tgt Ion: 93 Resp: 947389
Ion Ratio Lower Upper
93 100
95 33.1 26.7 40.1
123 13.0 11.0 16.6

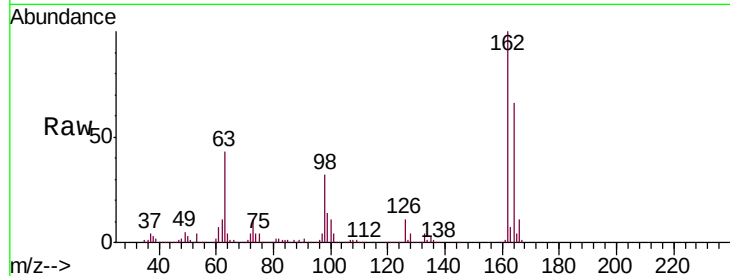




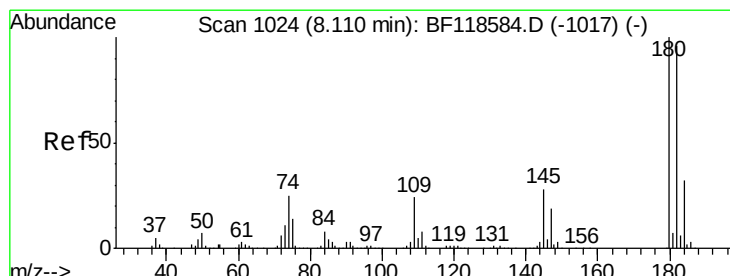
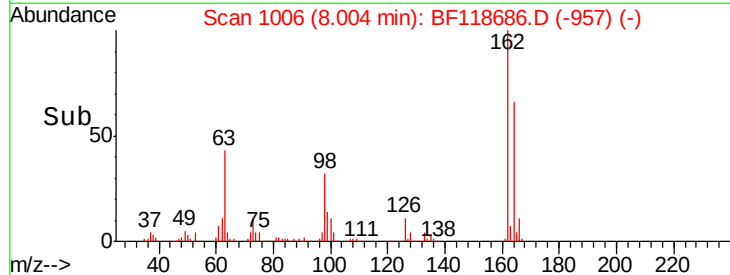
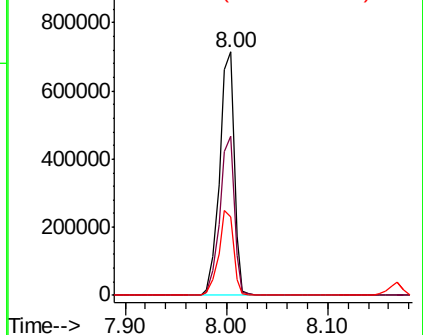
#29
2,4-Dichlorophenol
Concen: 48.570 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Instrument :
BNA_F
ClientSampleId :
EP-12MSD

Tgt Ion:162 Resp: 720006
Ion Ratio Lower Upper
162 100
164 65.5 44.3 84.3
98 32.5 17.5 57.5

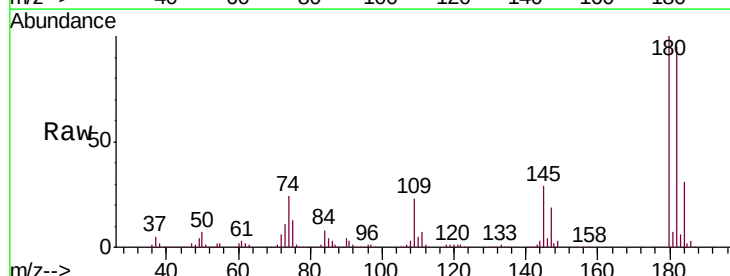


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

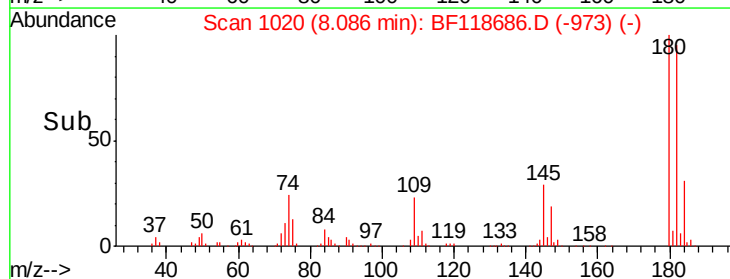
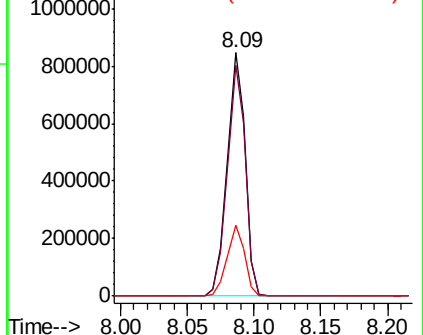


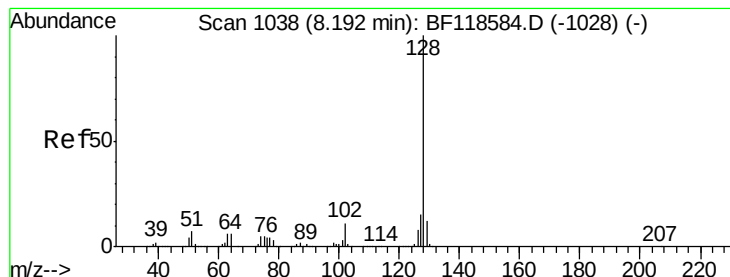
#30
1,2,4-Trichlorobenzene
Concen: 47.246 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Tgt Ion:180 Resp: 812080
Ion Ratio Lower Upper
180 100
182 94.9 76.9 115.3
145 28.9 22.8 34.2



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





#31

Naphthalene

Concen: 50.474 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

Instrument :

BNA_F

ClientSampleId :

EP-12MSD

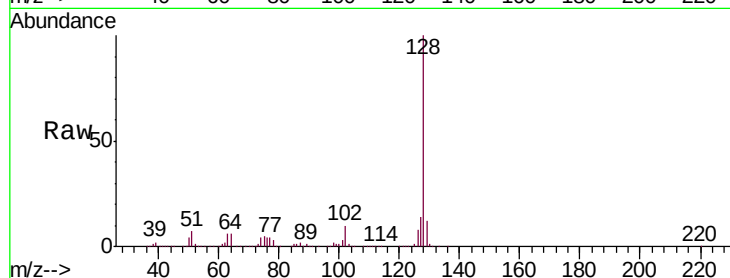
Tgt Ion:128 Resp: 2268206

Ion Ratio Lower Upper

128 100

129 12.0 9.9 14.9

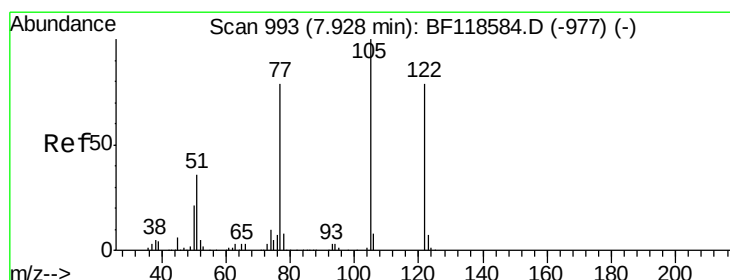
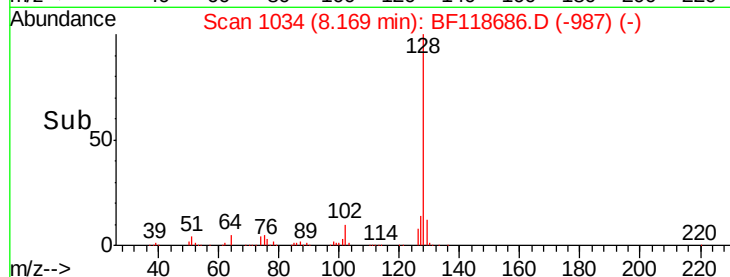
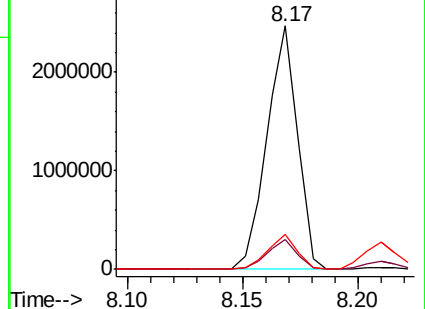
127 14.2 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.925 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

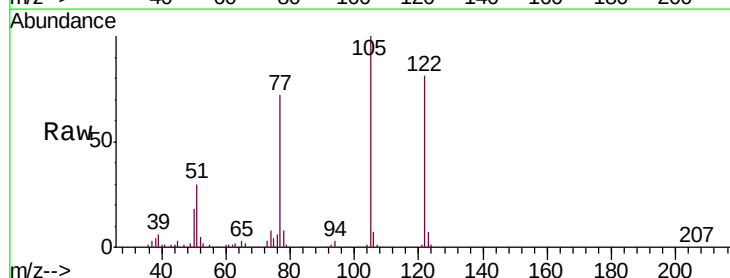
Tgt Ion:122 Resp: 512516

Ion Ratio Lower Upper

122 100

105 123.3 104.3 144.3

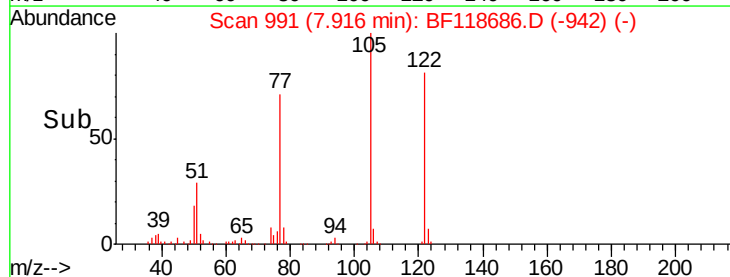
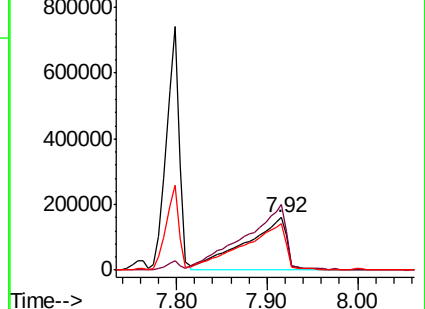
77 88.9 79.4 119.4

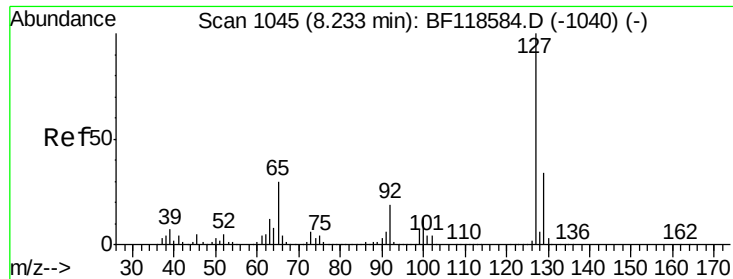


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

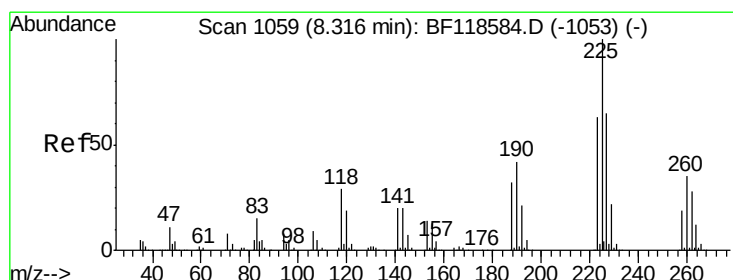
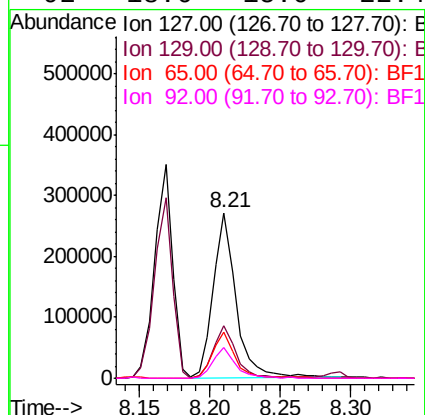
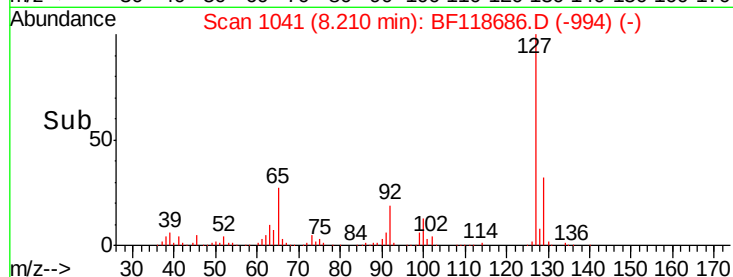
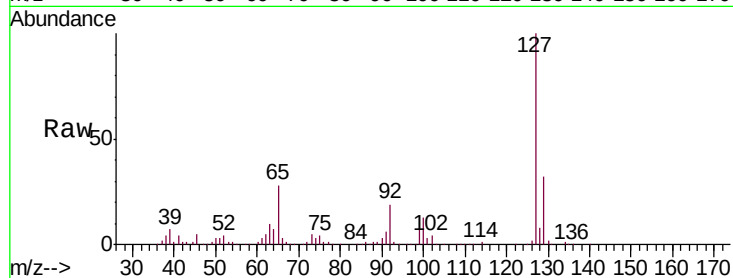




#33
4-Chloroaniline
Concen: 14.724 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

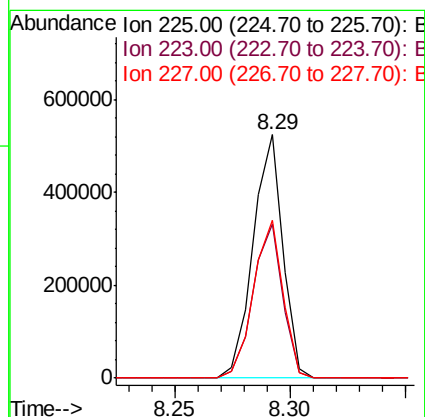
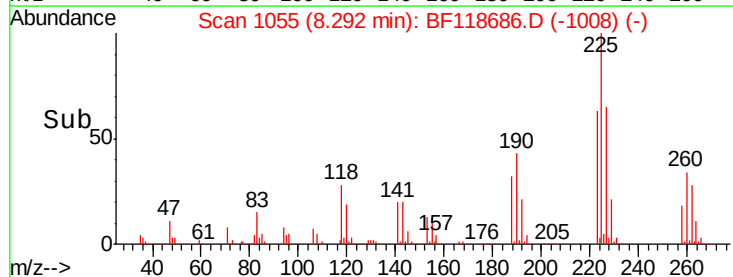
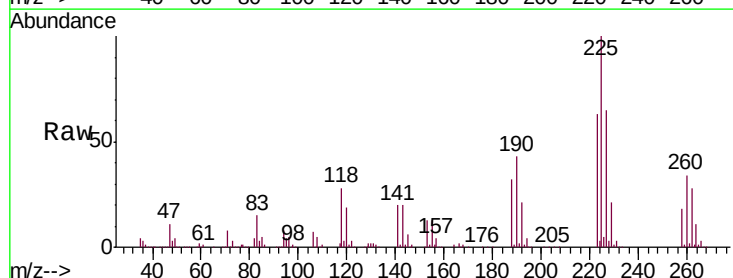
Instrument :
BNA_F
ClientSampleId :
EP-12MSD

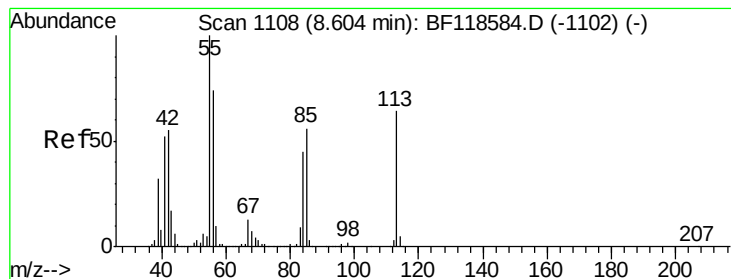
Tgt Ion:	127	Resp:	305814
Ion	Ratio	Lower	Upper
127	100		
129	32.0	27.4	41.0
65	27.6	23.6	35.4
92	18.6	15.0	22.4



#34
Hexachlorobutadiene
Concen: 45.184 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Tgt Ion:	225	Resp:	472952
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.4
227	64.7	52.1	78.1





#35

Caprolactam

Concen: 32.012 ng

RT: 8.58 min Scan# 1104

Delta R.T. -0.02 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

Instrument :

BNA_F

ClientSampleId :

EP-12MSD

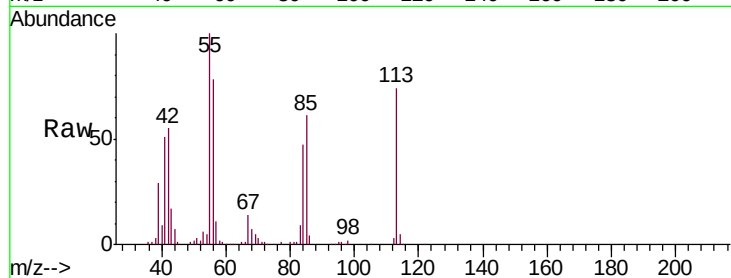
Tgt Ion:113 Resp: 155299

Ion Ratio Lower Upper

113 100

55 134.7 136.1 176.1#

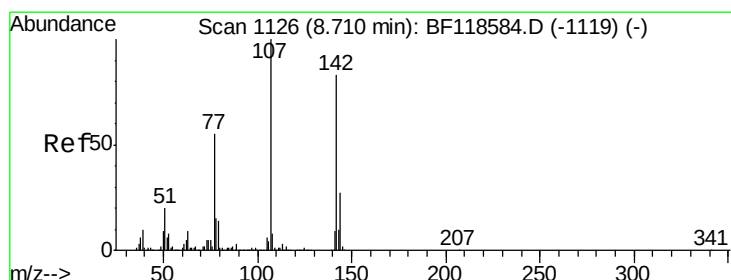
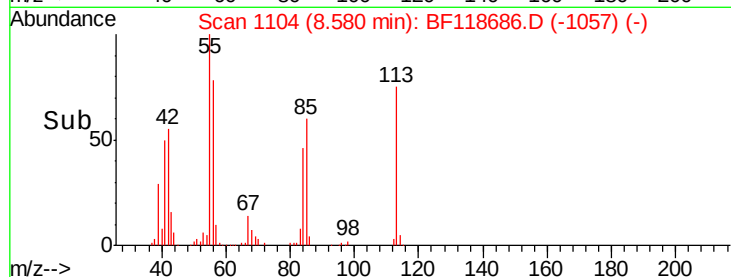
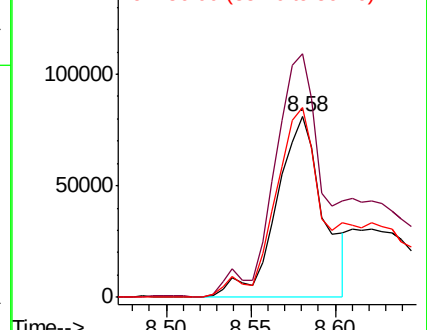
56 104.8 95.2 135.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 49.198 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.02 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

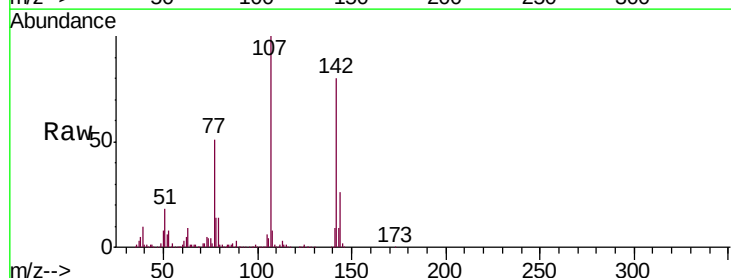
Tgt Ion:107 Resp: 720204

Ion Ratio Lower Upper

107 100

144 26.0 21.8 32.8

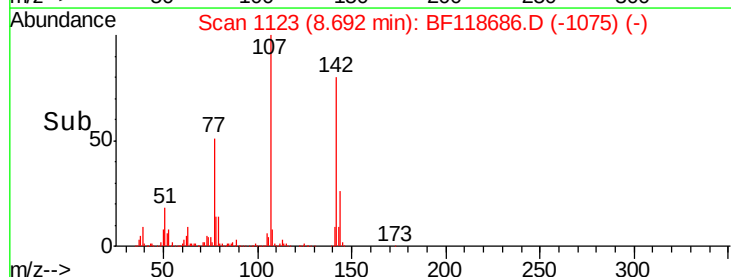
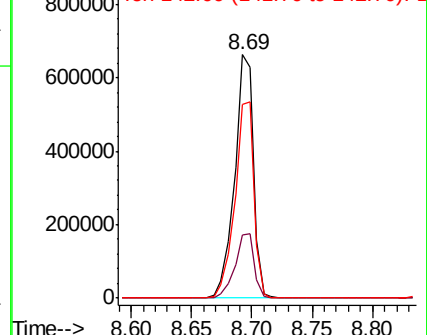
142 79.6 66.5 99.7

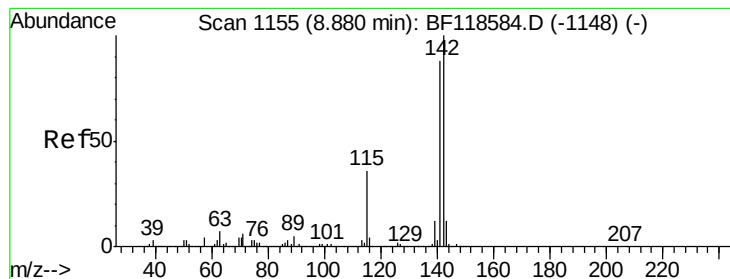


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

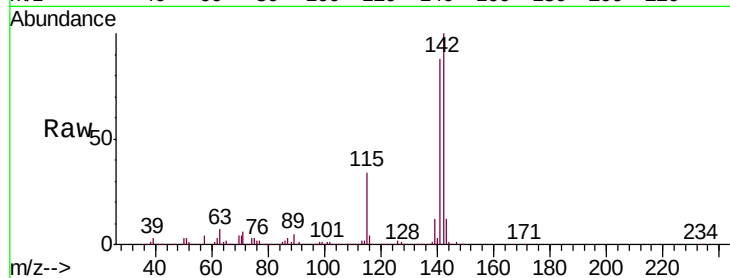




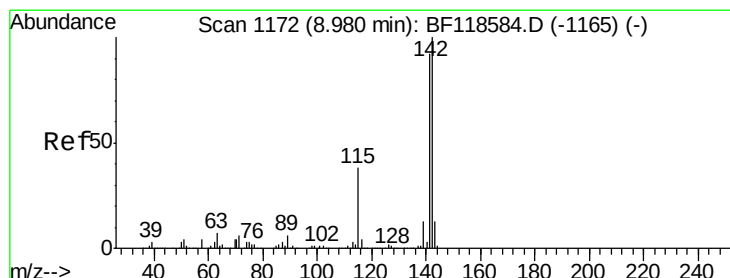
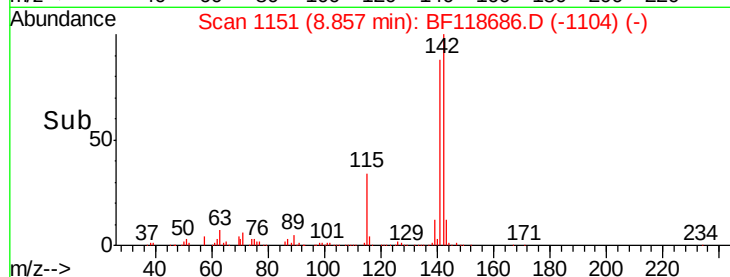
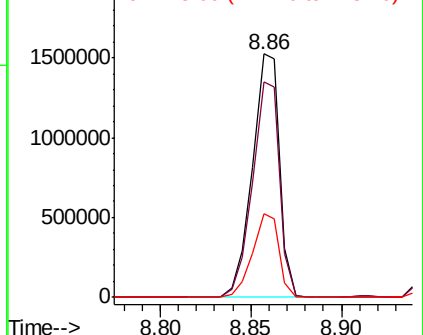
#37
 2-Methylnaphthalene
 Concen: 50.186 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF118686.D
 Acq: 24 Jan 2020 15:28

Instrument :
 BNA_F
 ClientSampleId :
 EP-12MSD

Tgt Ion:142 Resp: 1591871
 Ion Ratio Lower Upper
 142 100
 141 88.2 70.7 106.1
 115 34.4 28.5 42.7

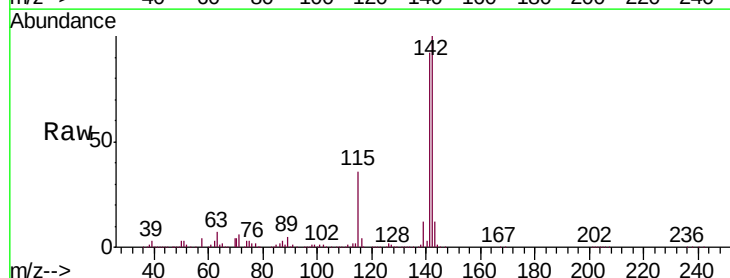


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

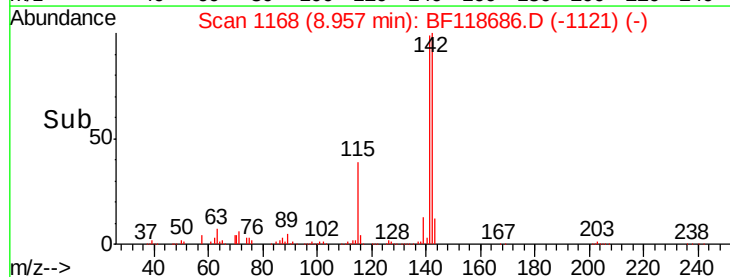
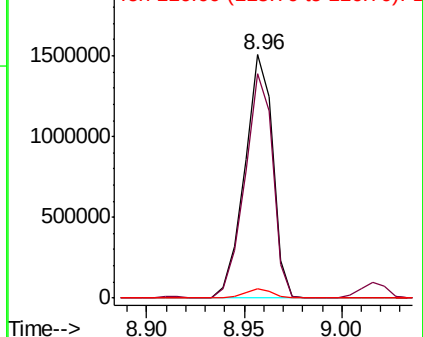


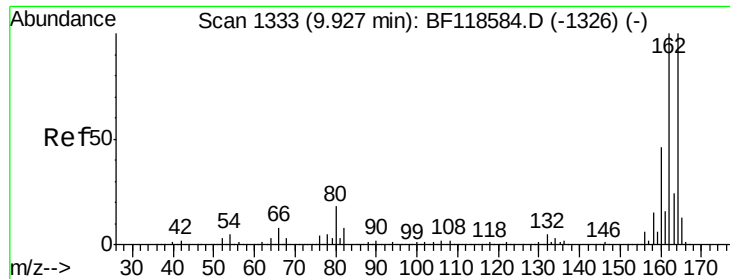
#38
 1-Methylnaphthalene
 Concen: 49.619 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF118686.D
 Acq: 24 Jan 2020 15:28

Tgt Ion:142 Resp: 1495268
 Ion Ratio Lower Upper
 142 100
 141 92.4 73.4 110.2
 116 3.8 3.3 4.9



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. -0.03 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

Instrument :

BNA_F

ClientSampleId :

EP-12MSD

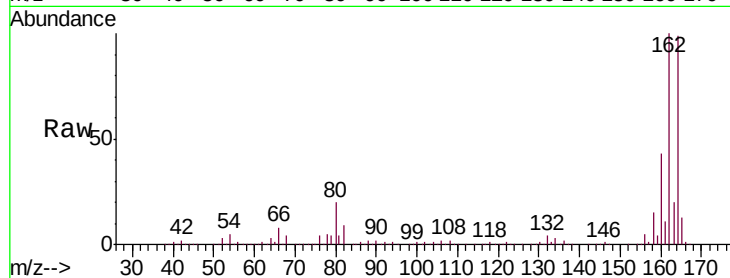
Tgt Ion:164 Resp: 549465

Ion Ratio Lower Upper

164 100

162 100.9 80.4 120.6

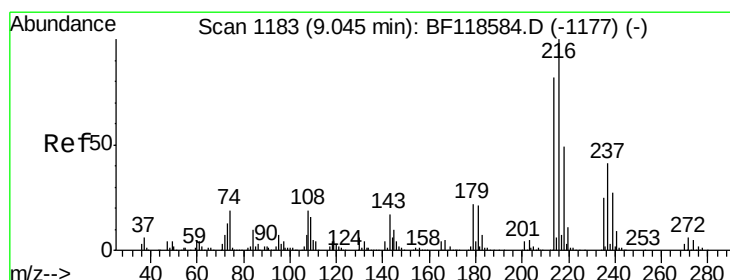
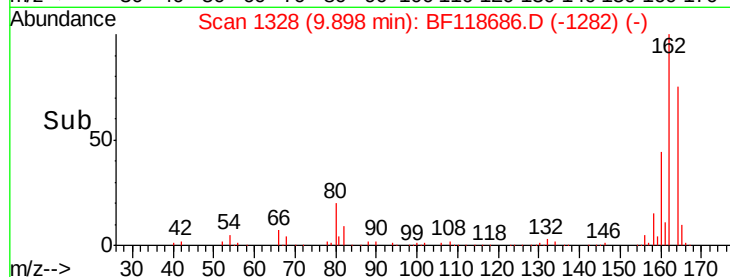
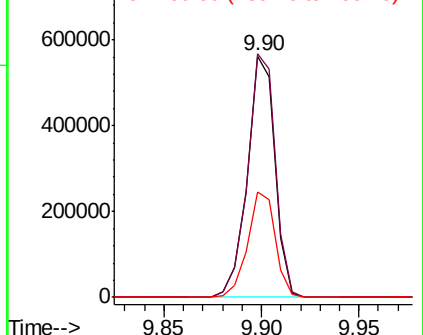
160 43.6 36.6 55.0



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: 44.813 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

Tgt Ion:216 Resp: 770446

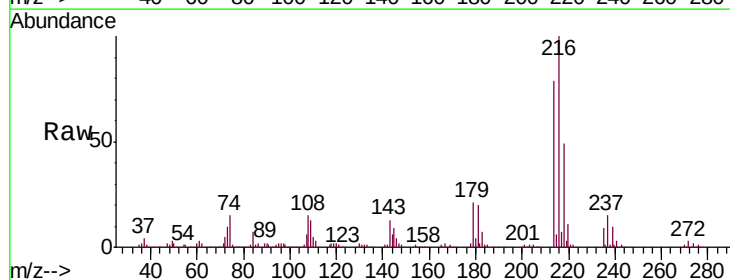
Ion Ratio Lower Upper

216 100

214 79.2 64.2 96.2

179 21.0 16.6 25.0

108 18.7 14.4 21.6

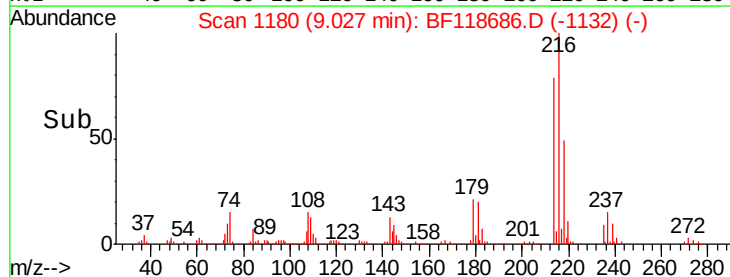
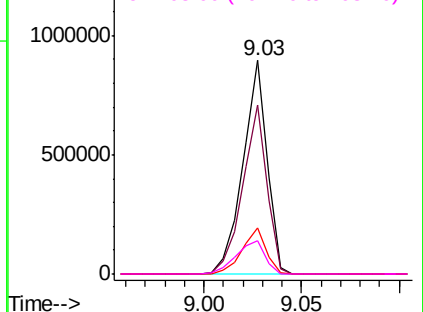


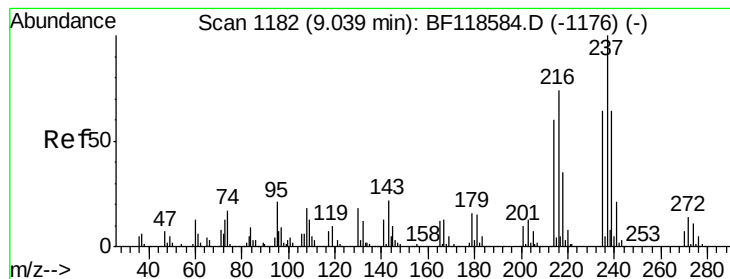
Abundance Ion 216.00 (215.70 to 216.70): E

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: 93.890 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.02 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

Instrument :

BNA_F

ClientSampleId :

EP-12MSD

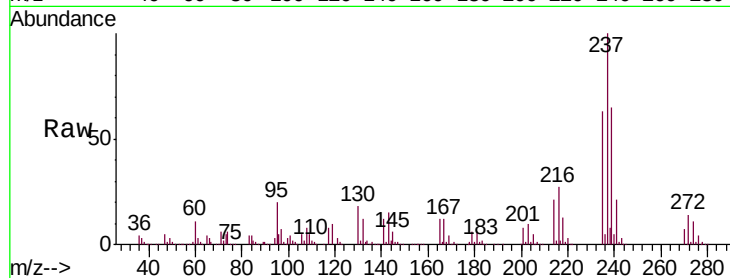
Tgt Ion: 237 Resp: 814410

Ion Ratio Lower Upper

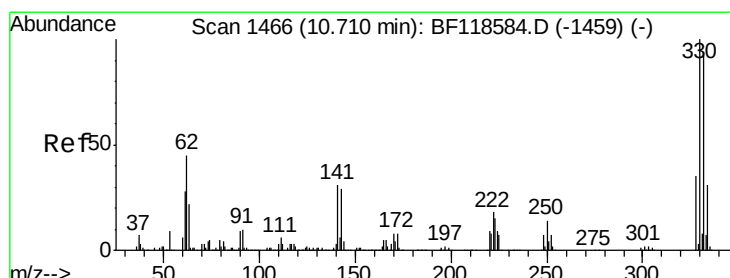
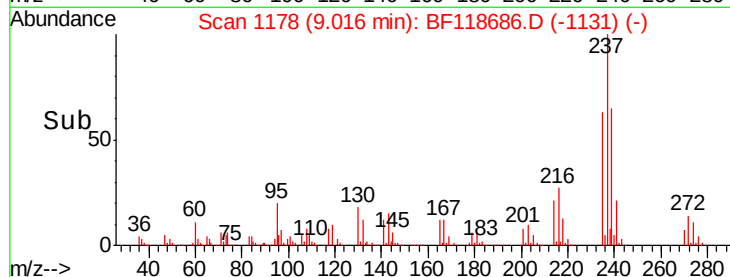
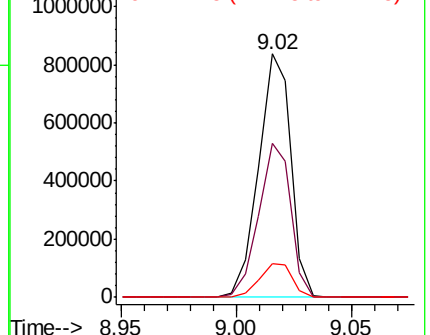
237 100

235 63.2 44.0 84.0

272 13.9 0.0 34.0



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: 121.948 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.02 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

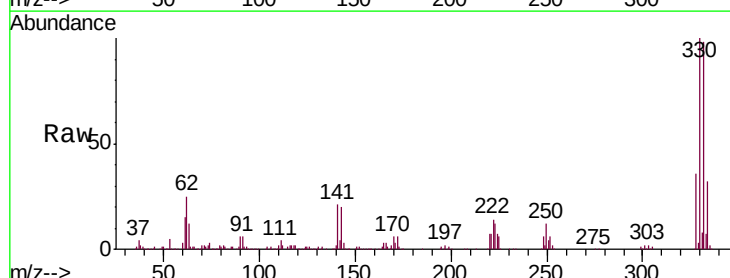
Tgt Ion: 330 Resp: 775012

Ion Ratio Lower Upper

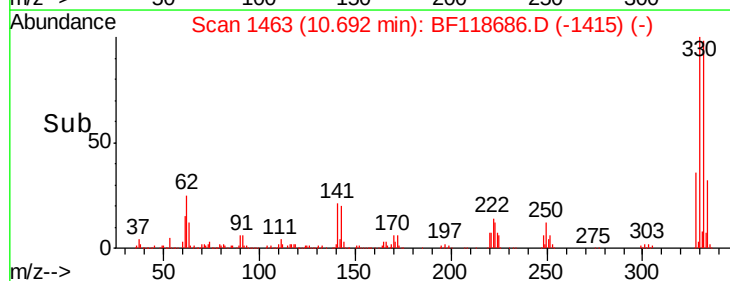
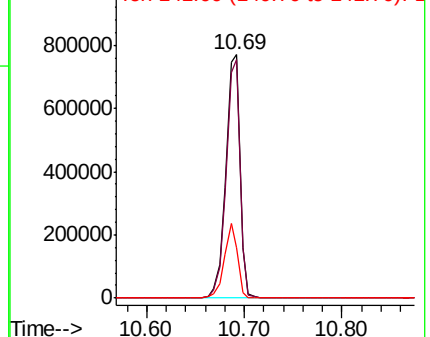
330 100

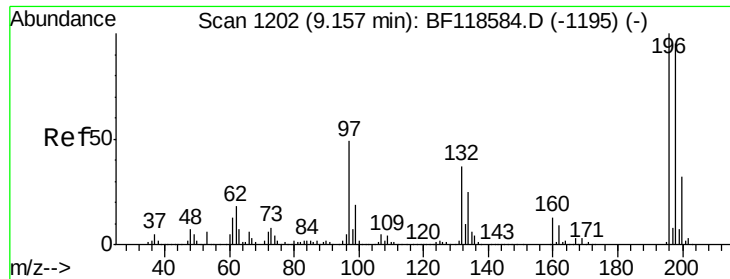
332 96.5 76.2 114.4

141 28.3 23.9 35.9



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

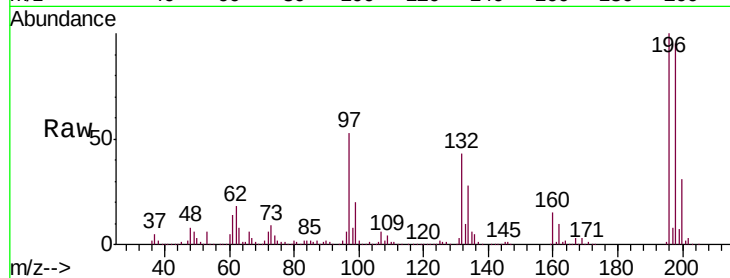




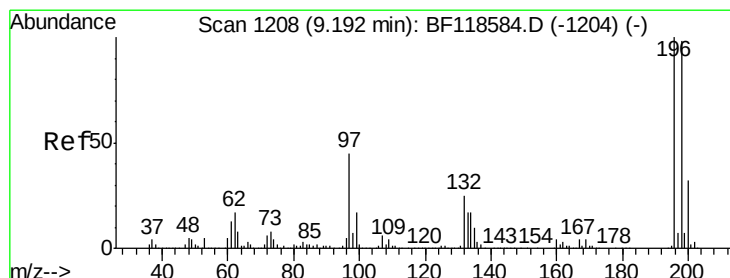
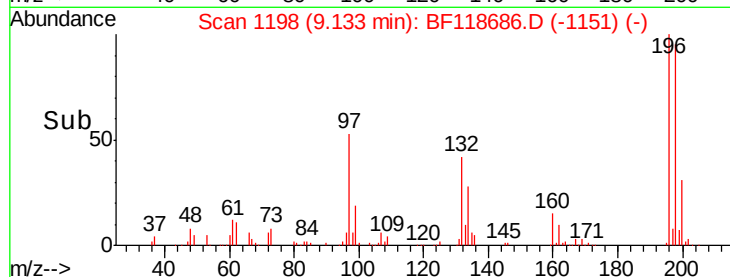
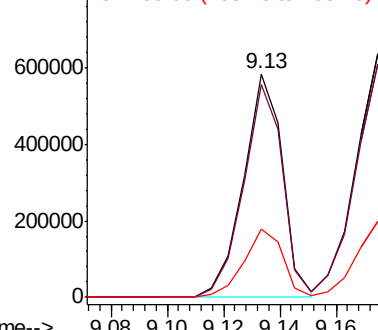
#43
 2,4,6-Trichlorophenol
 Concen: 49.024 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF118686.D
 Acq: 24 Jan 2020 15:28

Instrument :
 BNA_F
 ClientSampled :
 EP-12MSD

Tgt Ion:196 Resp: 559297
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.3 114.5
 200 30.6 25.4 38.2



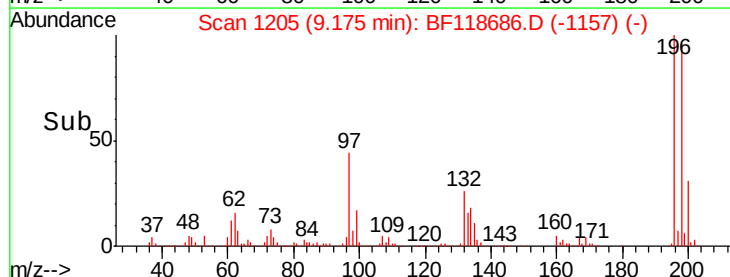
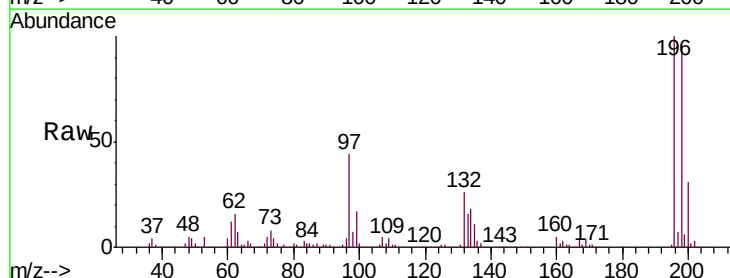
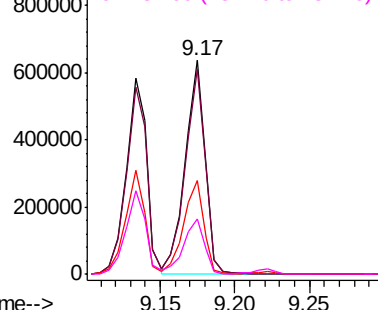
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

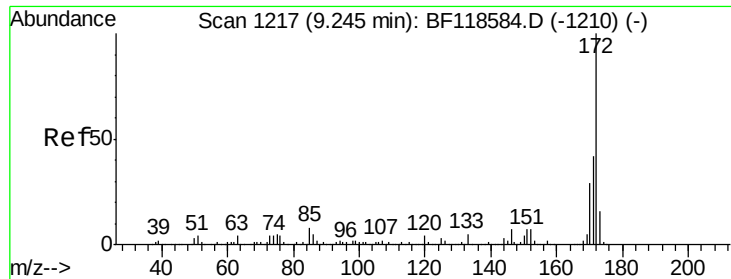


#44
 2,4,5-Trichlorophenol
 Concen: 50.351 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF118686.D
 Acq: 24 Jan 2020 15:28

Tgt Ion:196 Resp: 586662
 Ion Ratio Lower Upper
 196 100
 198 96.0 78.3 117.5
 97 43.7 35.9 53.9
 132 26.0 20.3 30.5

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

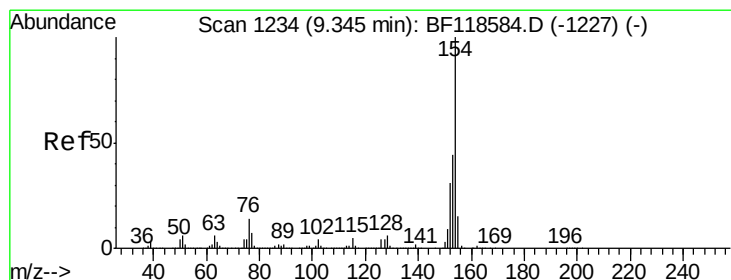
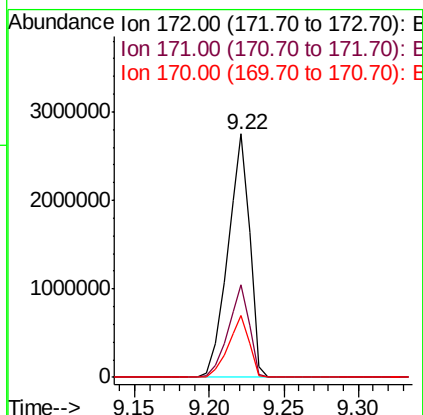
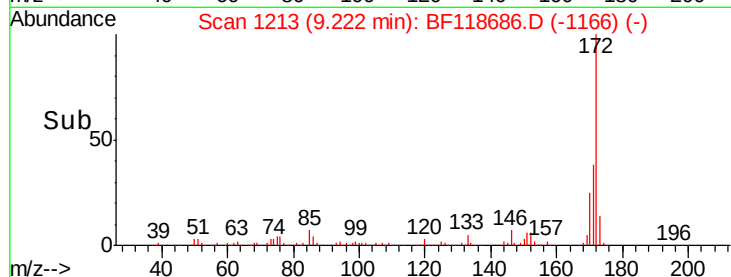
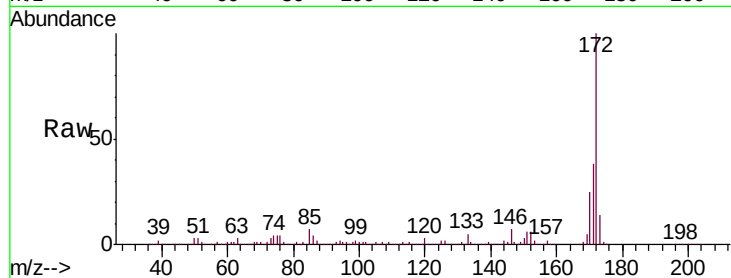




#45
2-Fluorobiphenyl
Concen: 84.672 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

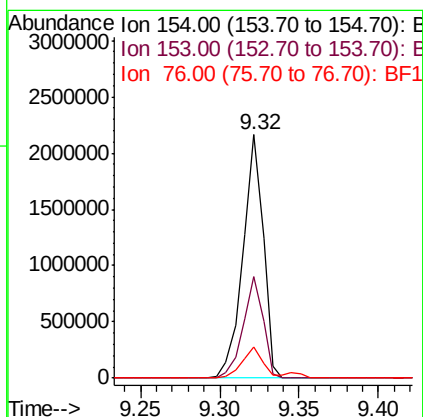
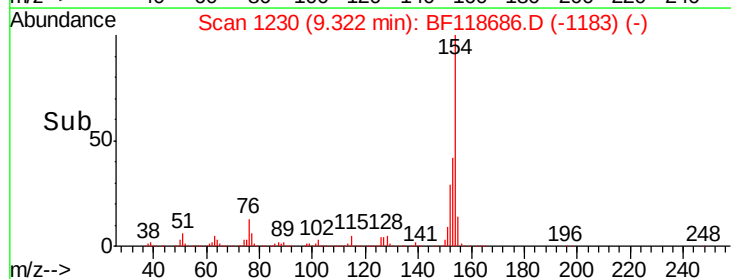
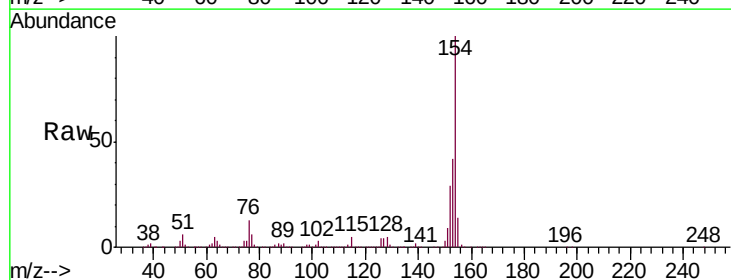
Instrument :
BNA_F
ClientSampleId :
EP-12MSD

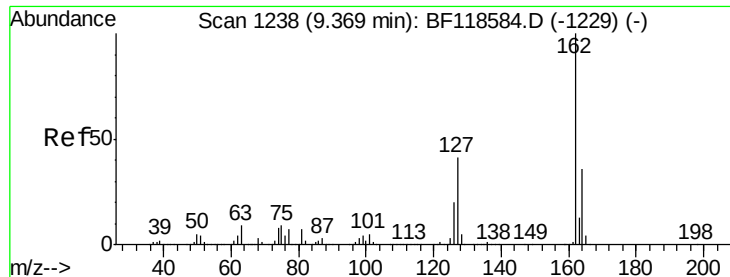
Tgt Ion:172 Resp: 2830612
Ion Ratio Lower Upper
172 100
171 38.0 33.4 50.2
170 25.2 23.2 34.8



#46
1,1'-Biphenyl
Concen: 50.531 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Tgt Ion:154 Resp: 1913549
Ion Ratio Lower Upper
154 100
153 41.6 23.8 63.8
76 13.0 0.0 34.3

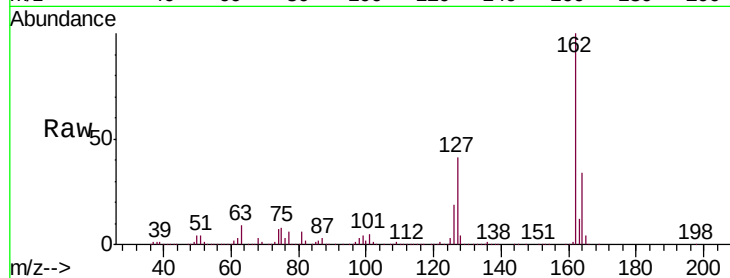




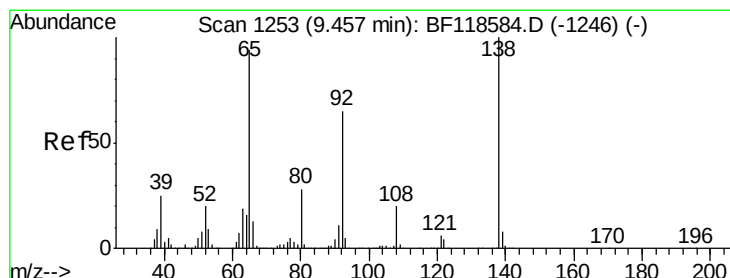
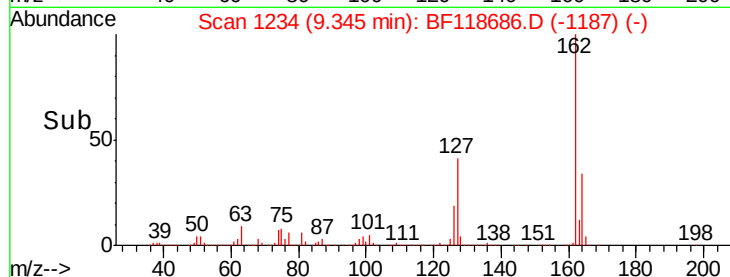
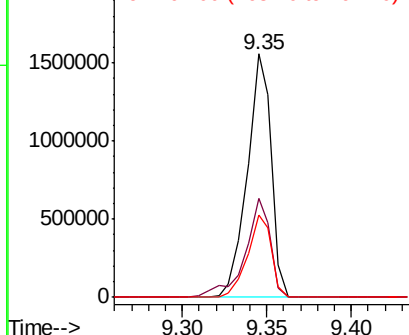
#47
 2-Chloronaphthalene
 Concen: 48.423 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BF118686.D
 Acq: 24 Jan 2020 15:28

Instrument :
 BNA_F
 ClientSampleId :
 EP-12MSD

Tgt Ion: 162 Resp: 1545586
 Ion Ratio Lower Upper
 162 100
 127 40.5 33.0 49.6
 164 34.0 28.6 42.8

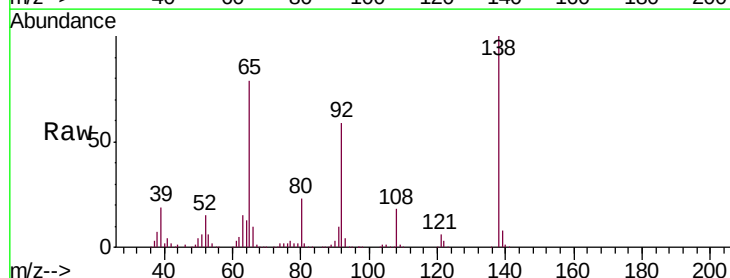


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

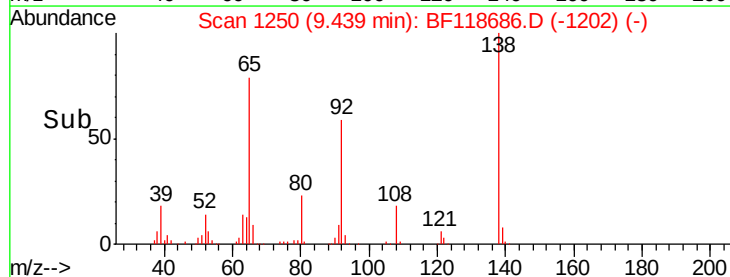
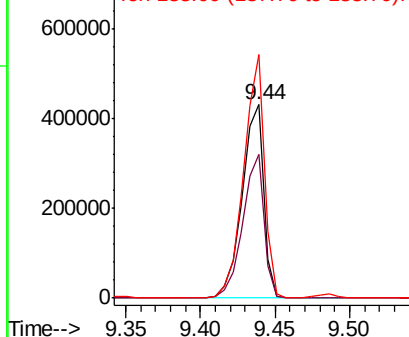


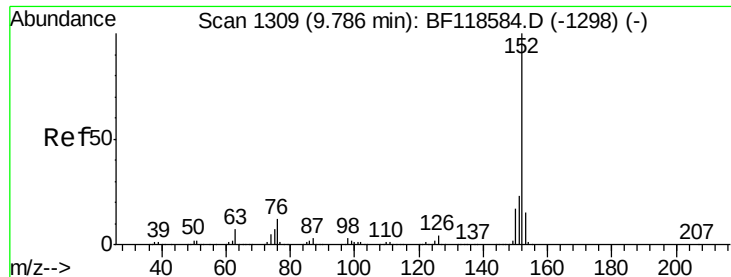
#48
 2-Nitroaniline
 Concen: 44.166 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.02 min
 Lab File: BF118686.D
 Acq: 24 Jan 2020 15:28

Tgt Ion: 65 Resp: 433349
 Ion Ratio Lower Upper
 65 100
 92 74.7 55.4 83.0
 138 126.0 85.0 127.6



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: 52.805 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

Instrument :

BNA_F

ClientSampleId :

EP-12MSD

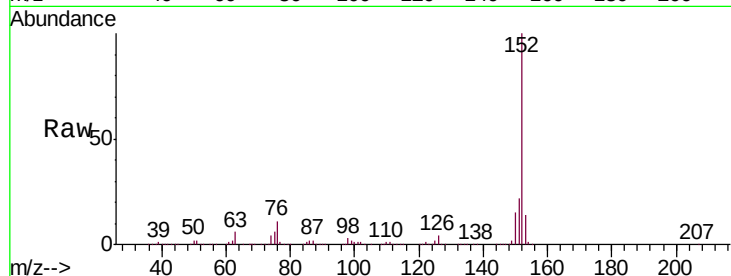
Tgt Ion:152 Resp: 2371121

Ion Ratio Lower Upper

152 100

151 21.6 18.6 27.8

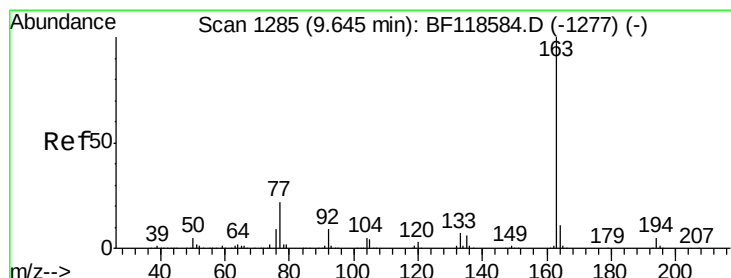
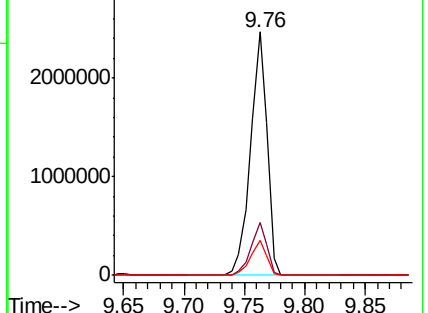
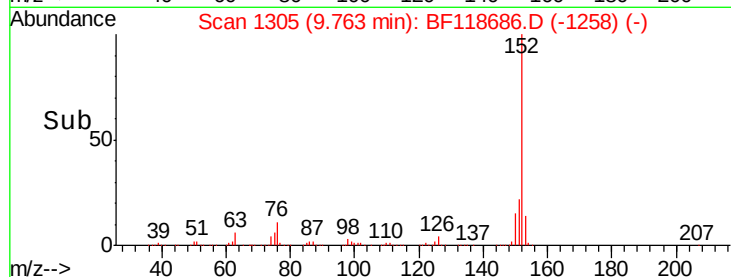
153 14.1 12.2 18.4



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: 59.379 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

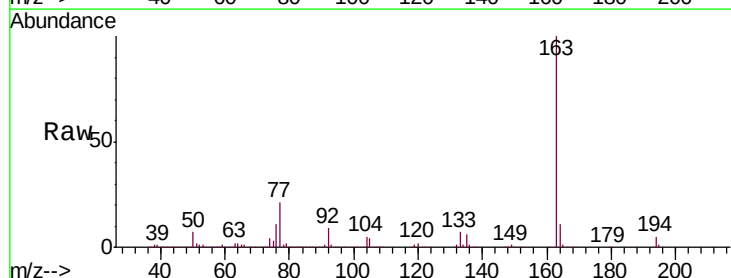
Tgt Ion:163 Resp: 2125683

Ion Ratio Lower Upper

163 100

194 4.7 3.9 5.9

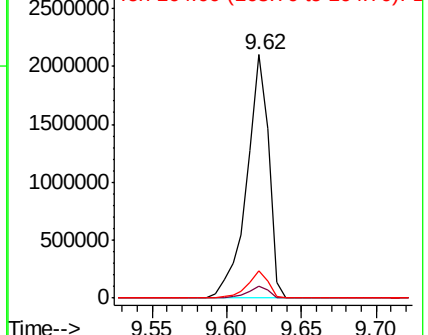
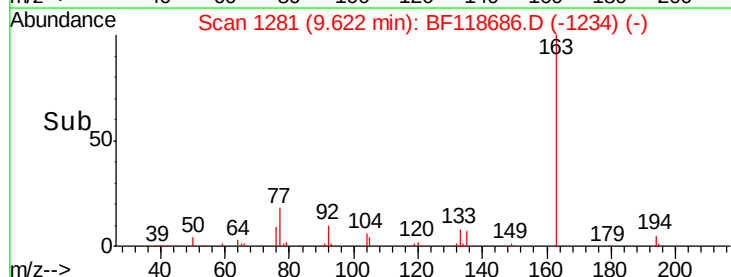
164 11.0 9.1 13.7

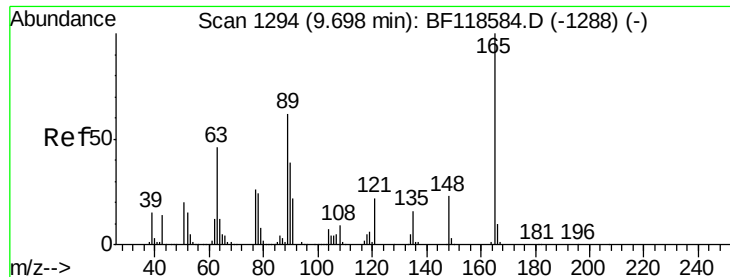


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

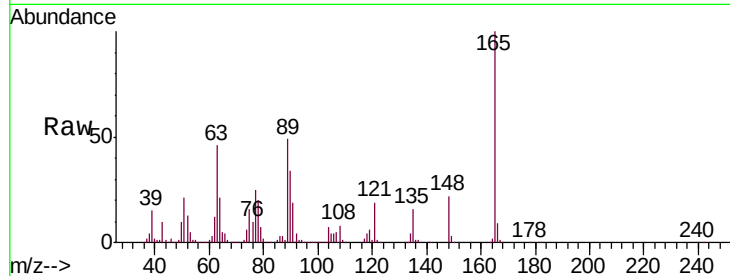




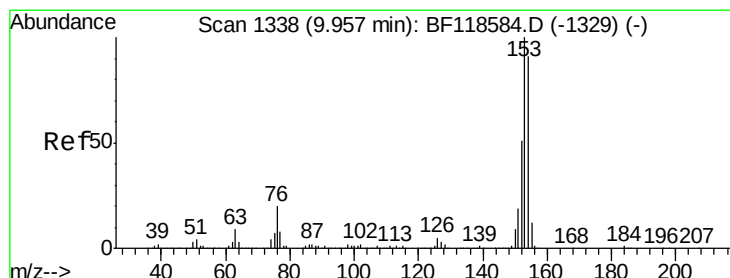
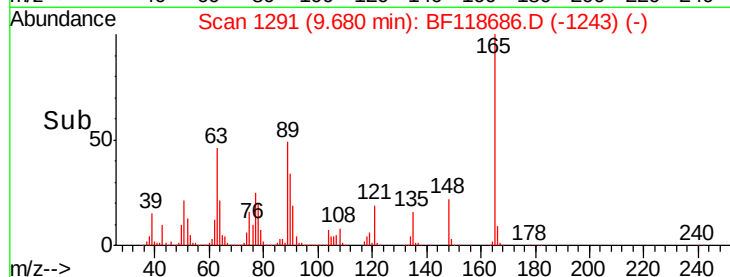
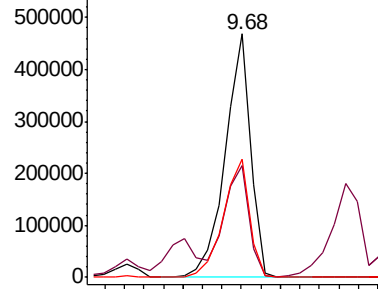
#51
 2,6-Dinitrotoluene
 Concen: 52.655 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF118686.D
 Acq: 24 Jan 2020 15:28

Instrument :
 BNA_F
 ClientSampleId :
 EP-12MSD

Tgt Ion:165 Resp: 422095
 Ion Ratio Lower Upper
 165 100
 63 46.1 48.9 73.3#
 89 48.7 49.8 74.6#

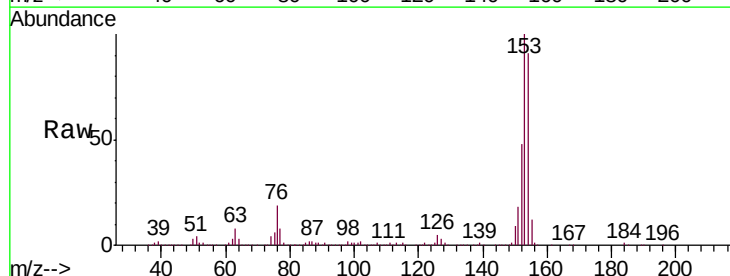


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

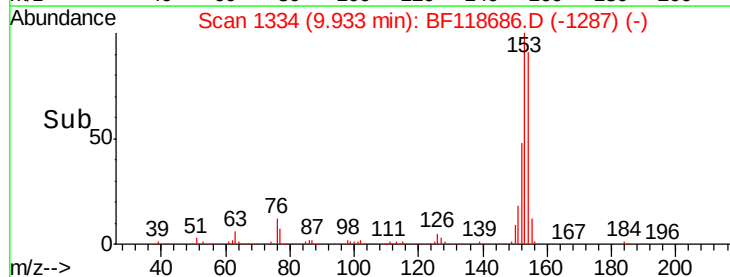
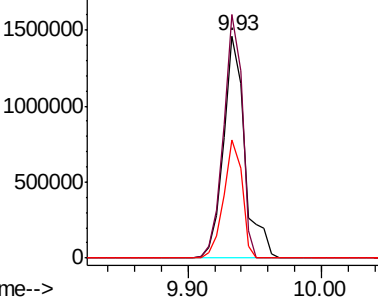


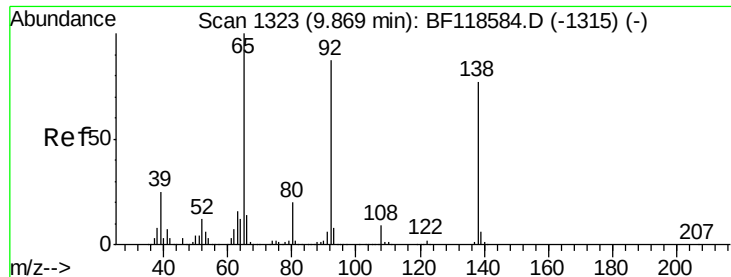
#52
 Acenaphthene
 Concen: 52.774 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.02 min
 Lab File: BF118686.D
 Acq: 24 Jan 2020 15:28

Tgt Ion:154 Resp: 1584589
 Ion Ratio Lower Upper
 154 100
 153 109.6 87.6 131.4
 152 53.1 44.4 66.6



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

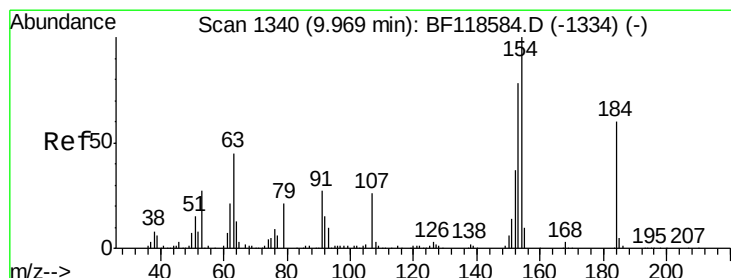
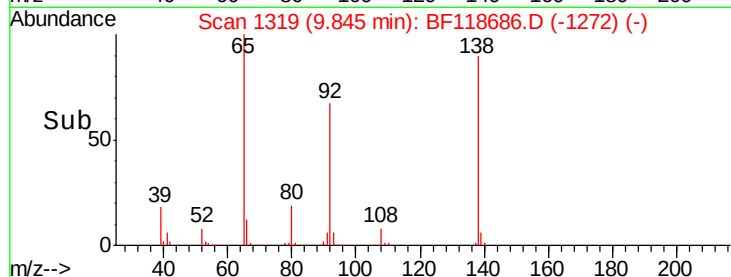
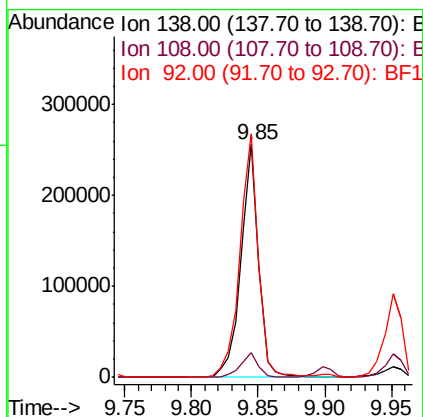
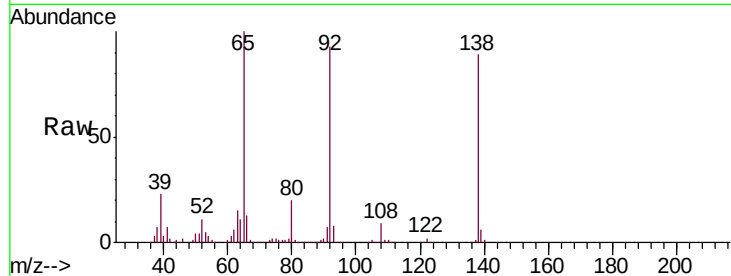




#53
 3-Nitroaniline
 Concen: 25.832 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF118686.D
 Acq: 24 Jan 2020 15:28

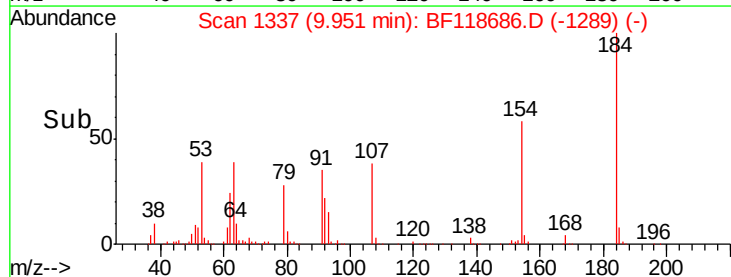
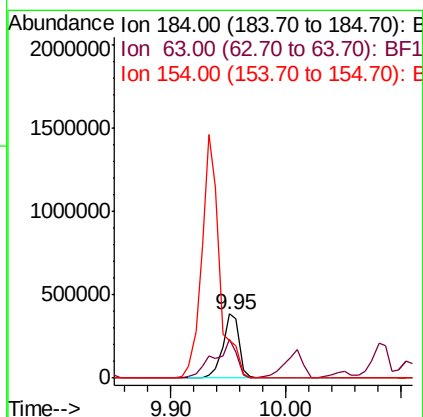
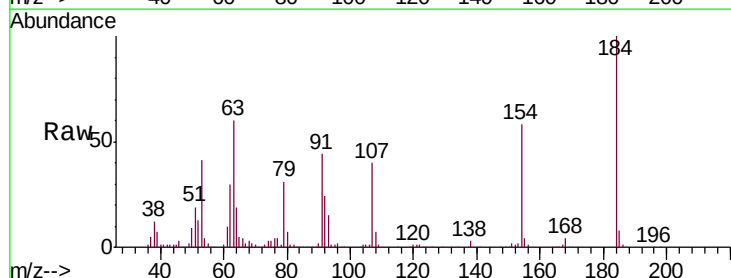
Instrument :
 BNA_F
 ClientSampleId :
 EP-12MSD

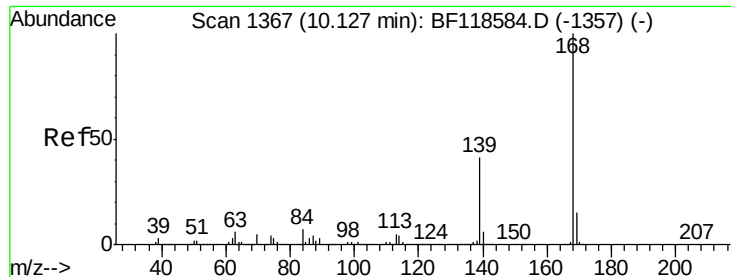
Tgt Ion:138 Resp: 236456
 Ion Ratio Lower Upper
 138 100
 108 10.4 9.6 14.4
 92 104.3 90.6 136.0



#54
 2,4-Dinitrophenol
 Concen: 119.575 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.02 min
 Lab File: BF118686.D
 Acq: 24 Jan 2020 15:28

Tgt Ion:184 Resp: 382675
 Ion Ratio Lower Upper
 184 100
 63 60.0 60.6 90.8#
 154 57.8 137.3 205.9#

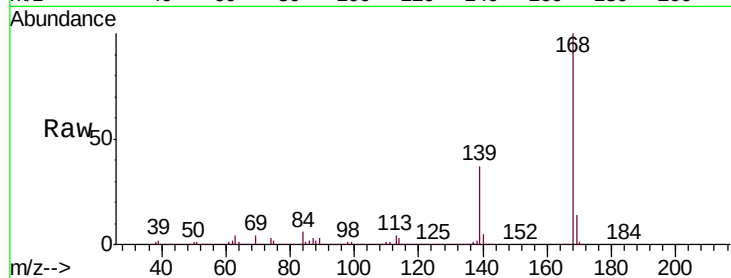




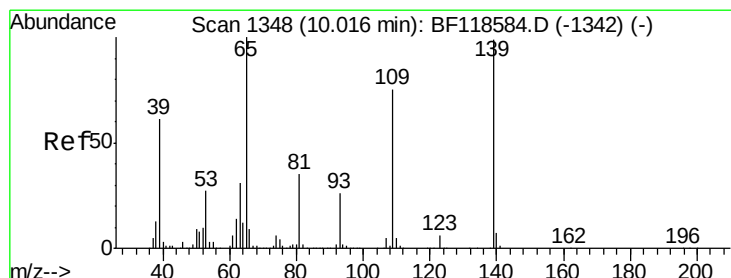
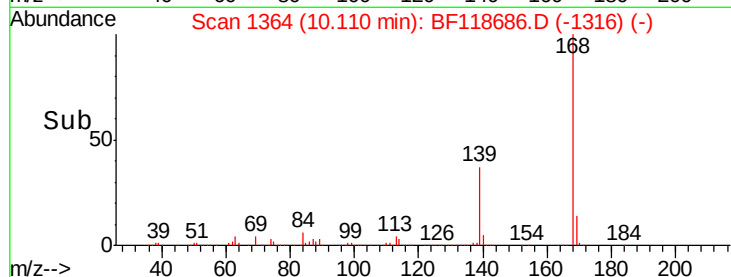
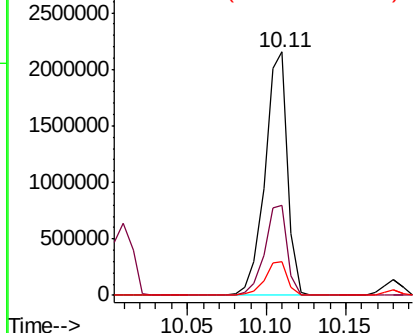
#55
Dibenzenofuran
Concen: 51.392 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.02 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Instrument :
BNA_F
ClientSampleId :
EP-12MSD

Tgt Ion:168 Resp: 2138447
Ion Ratio Lower Upper
168 100
139 37.2 32.7 49.1
169 13.7 12.2 18.2

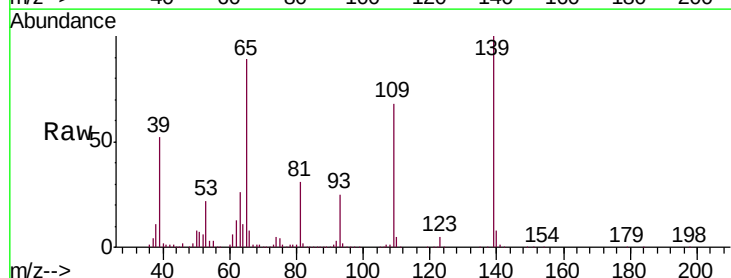


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

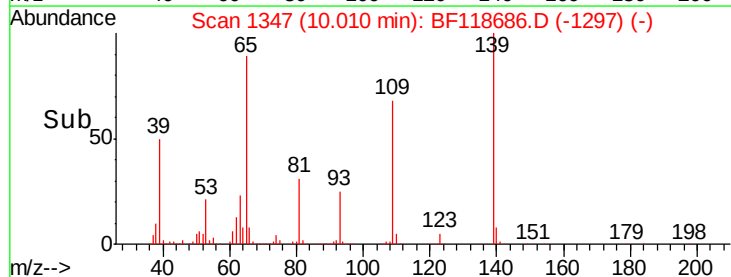
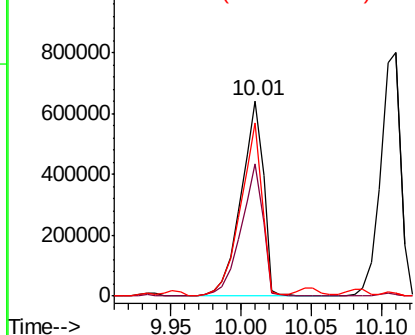


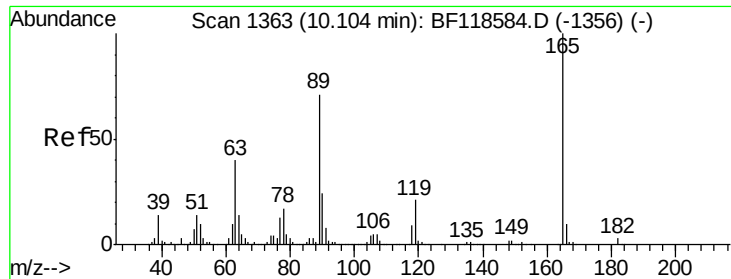
#56
4-Nitrophenol
Concen: 103.013 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Tgt Ion:139 Resp: 711822
Ion Ratio Lower Upper
139 100
109 67.7 56.0 96.0
65 88.9 81.4 121.4



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





#57

2,4-Dinitrotoluene

Concen: 54.968 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.02 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

Instrument :

BNA_F

ClientSampleId :

EP-12MSD

Tgt Ion:165 Resp: 555490

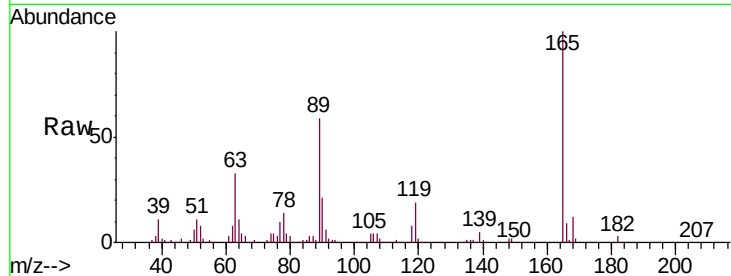
Ion Ratio Lower Upper

165 100

63 33.1 32.4 48.6

89 59.0 56.4 84.6

182 3.2 2.3 3.5

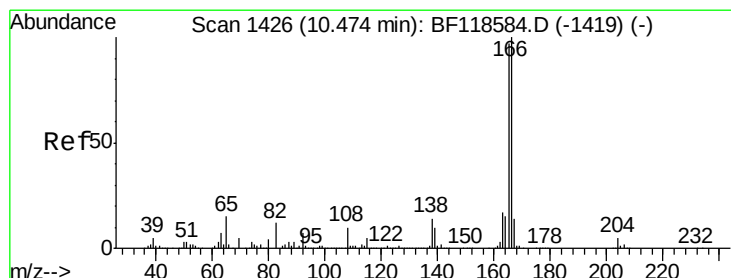
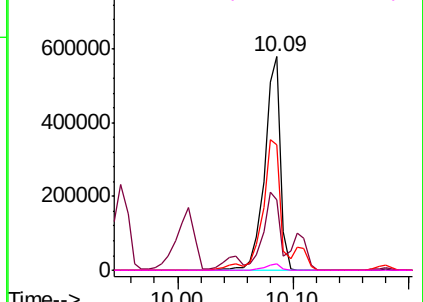
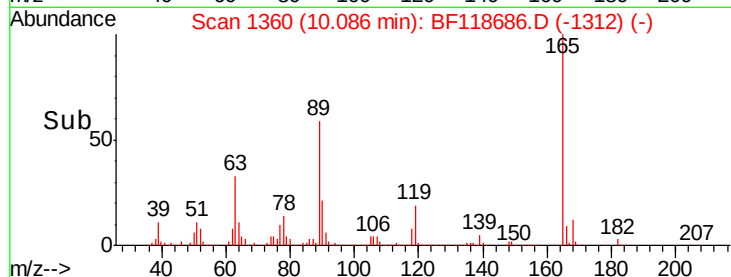


Abundance Ion 165.00 (164.70 to 165.70): E

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: 48.711 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

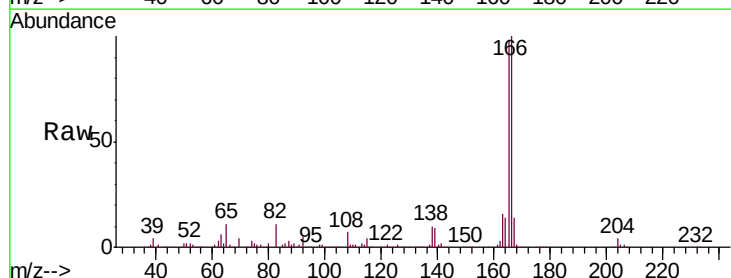
Tgt Ion:166 Resp: 1591198

Ion Ratio Lower Upper

166 100

165 98.1 77.3 115.9

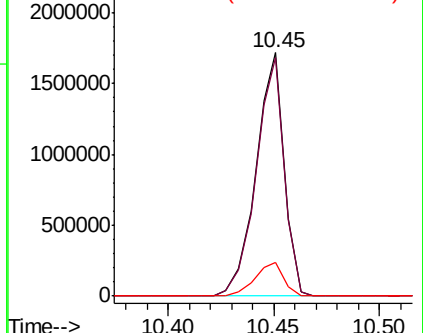
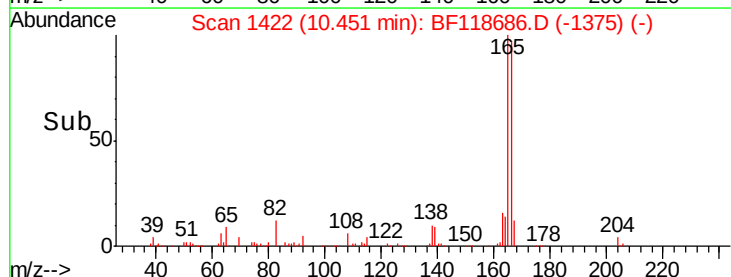
167 13.8 11.5 17.3

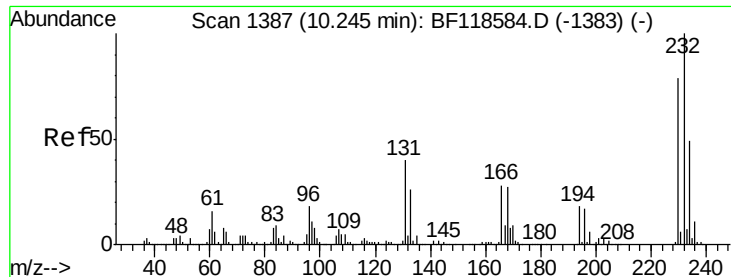


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

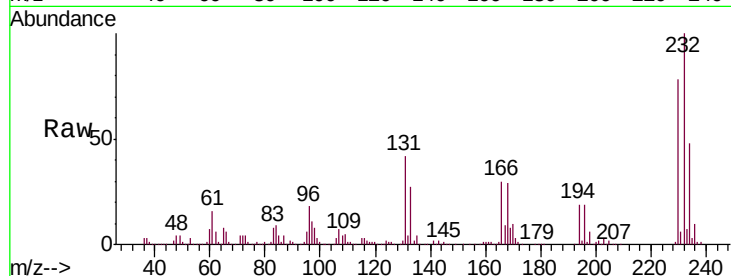




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.273 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.02 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Instrument :
BNA_F
ClientSampleId :
EP-12MSD

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.0	33.2	49.8
130	1.9	1.8	2.6
166	27.8	22.6	33.8



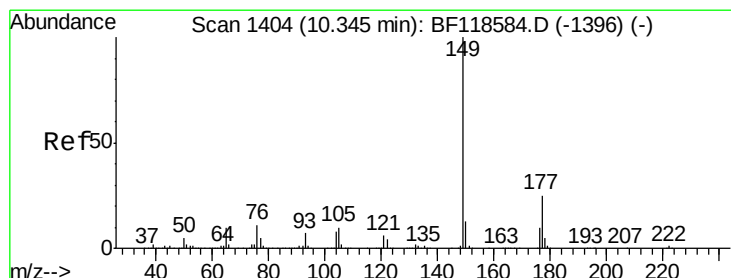
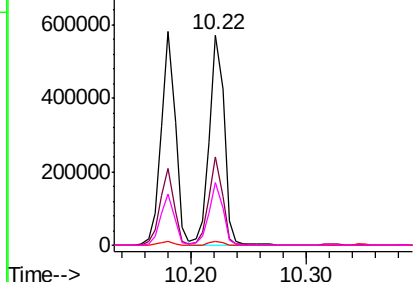
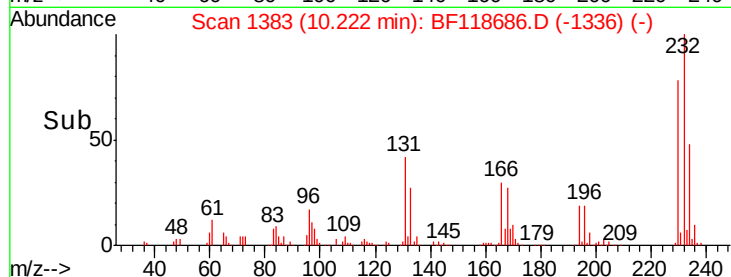
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

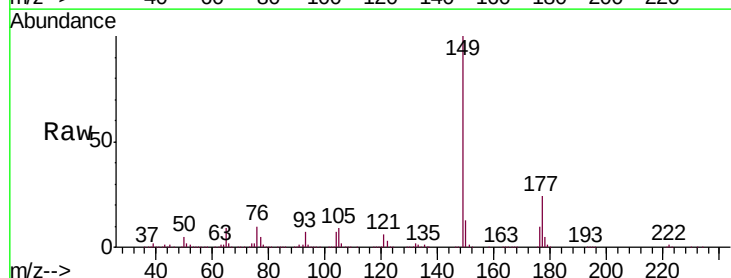
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 49.261 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	20.0	30.0
150	12.9	10.6	16.0

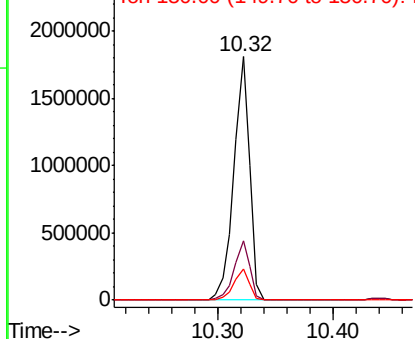
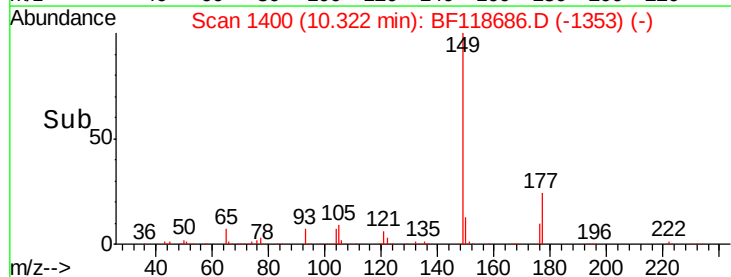


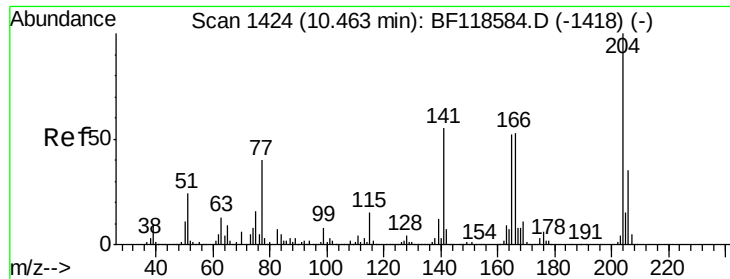
Abundance

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

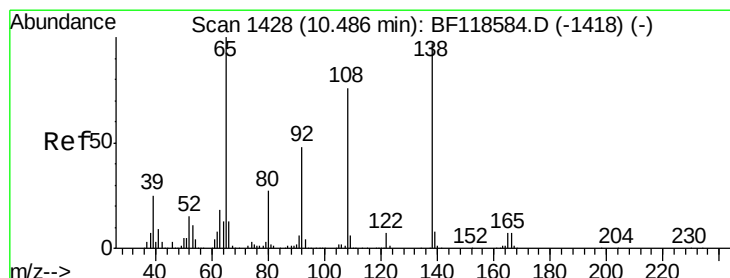
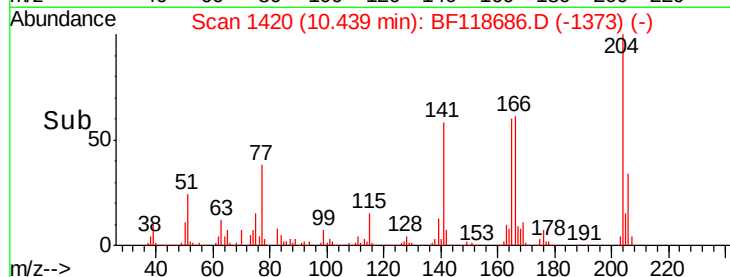
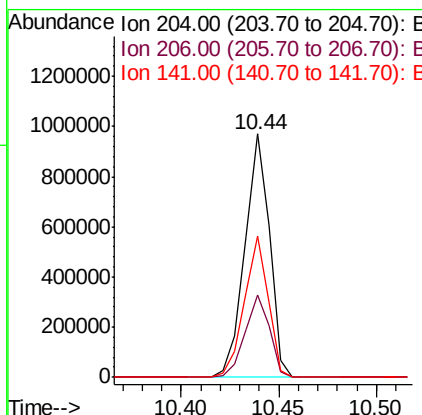
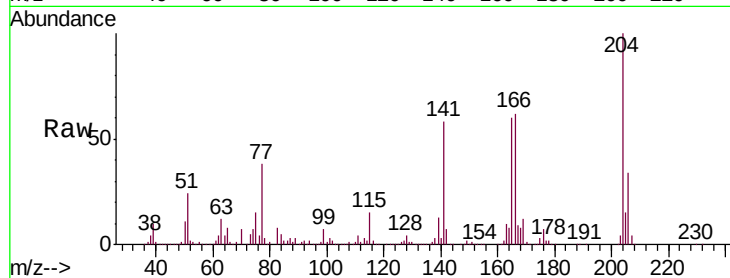




#61
4-Chlorophenyl-phenylether
Concen: 47.630 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

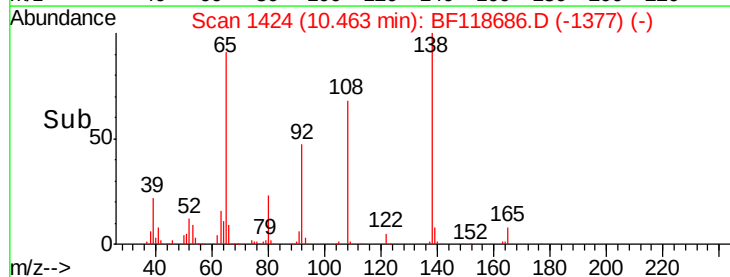
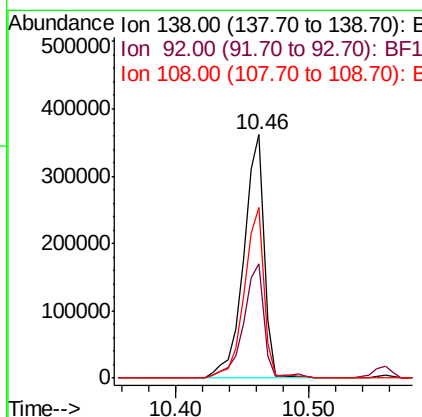
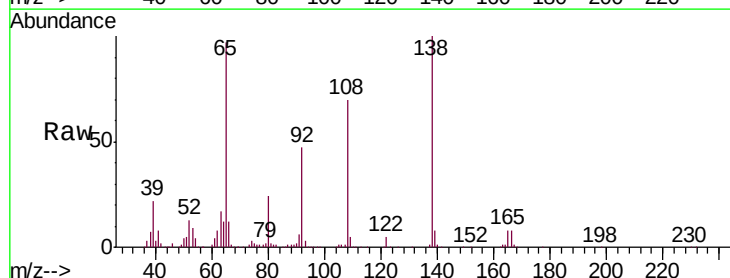
Instrument :
BNA_F
ClientSampleId :
EP-12MSD

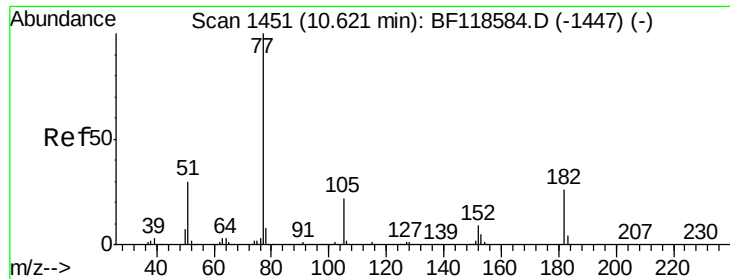
Tgt Ion: 204 Resp: 846207
Ion Ratio Lower Upper
204 100
206 34.1 27.8 41.6
141 58.1 43.7 65.5



#62
4-Nitroaniline
Concen: 40.477 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Tgt Ion: 138 Resp: 380049
Ion Ratio Lower Upper
138 100
92 47.2 29.4 69.4
108 70.0 58.2 98.2

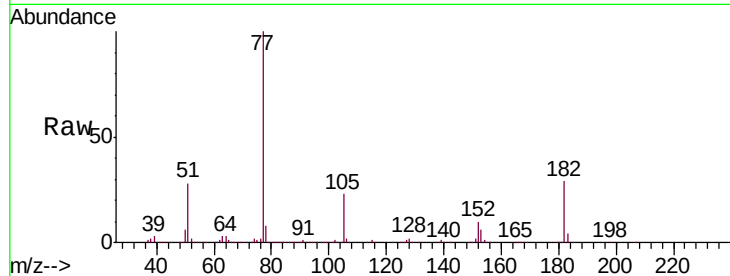




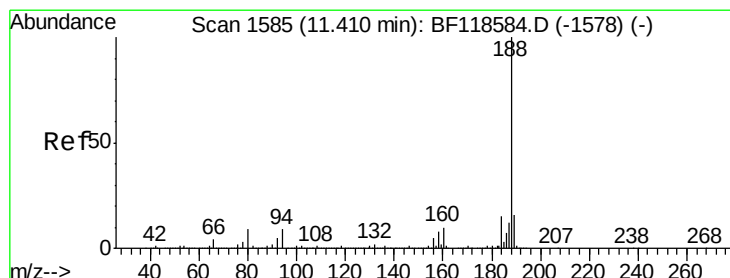
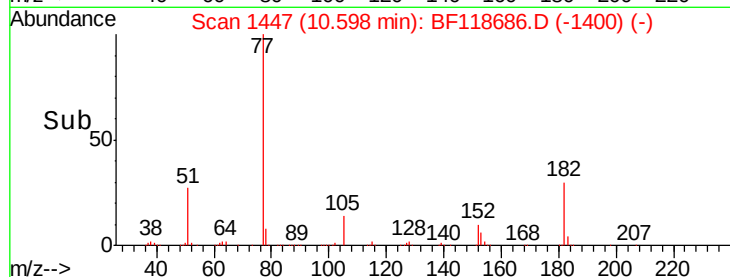
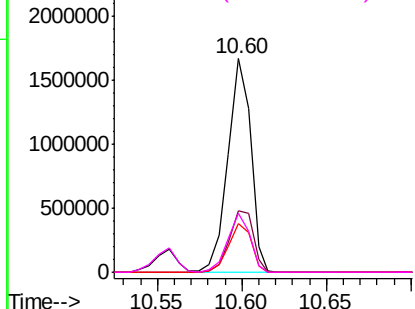
#63
Azobenzene
Concen: 46.687 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Instrument :
BNA_F
ClientSampleId :
EP-12MSD

Tgt Ion: 77 Resp: 1569355
Ion Ratio Lower Upper
77 100
182 28.8 5.6 45.6
105 22.8 2.0 42.0
51 27.8 10.2 50.2

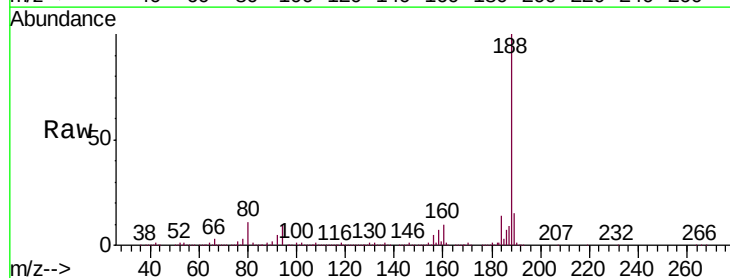


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

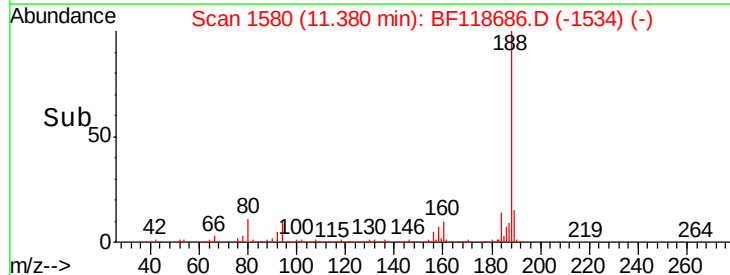
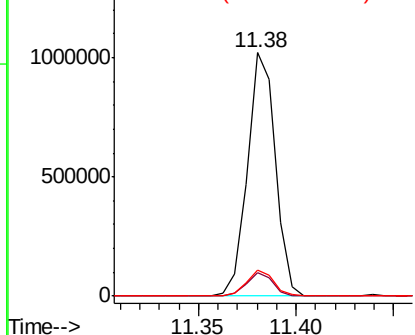


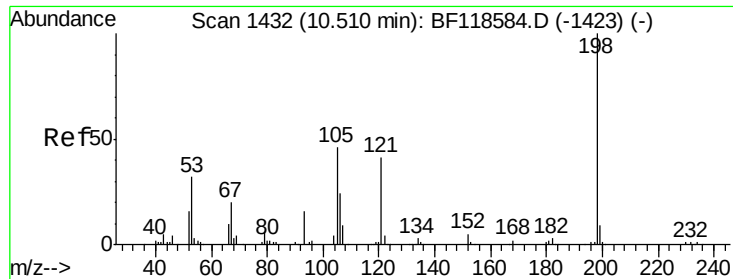
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Tgt Ion: 188 Resp: 1007864
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 10.8 7.5 11.3



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

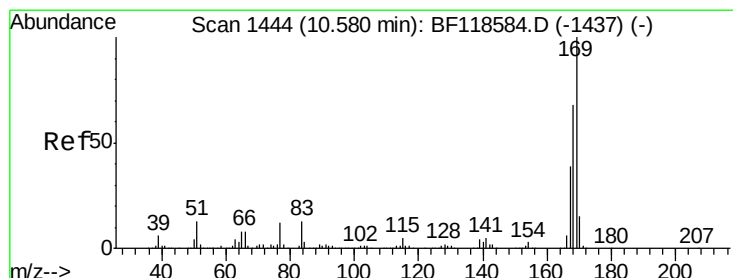
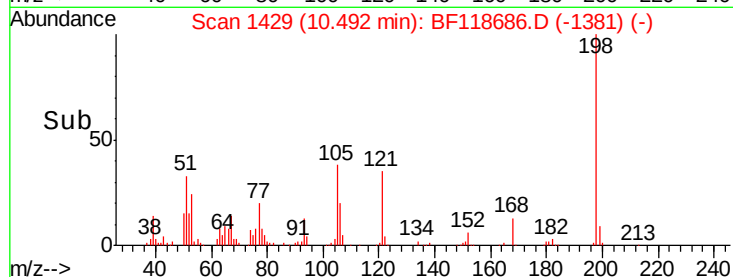
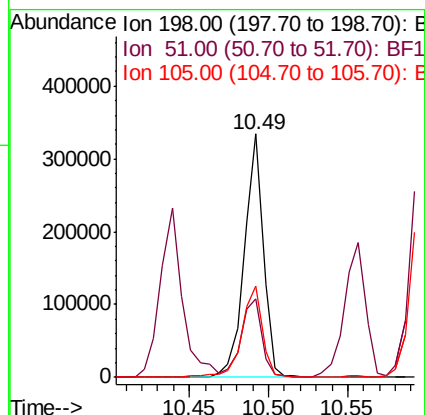
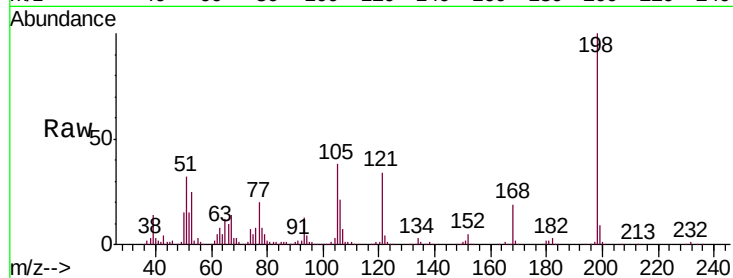




#65
4,6-Dinitro-2-methylphenol
Concen: 62.820 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

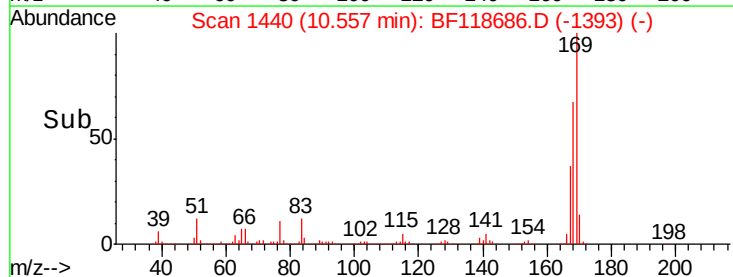
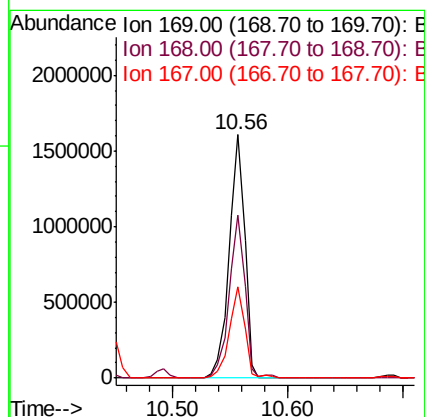
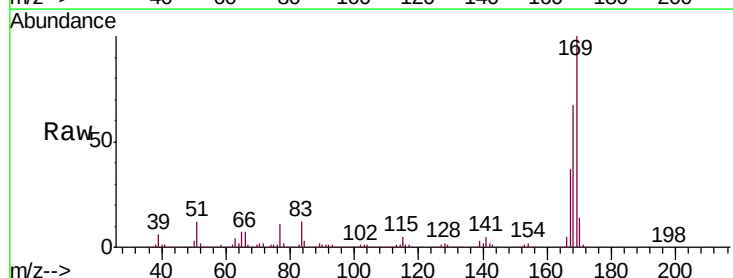
Instrument :
BNA_F
ClientSampleId :
EP-12MSD

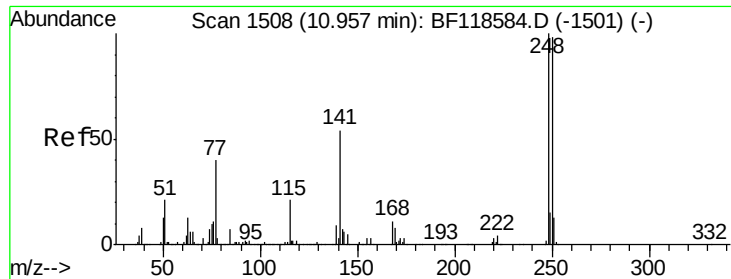
Tgt Ion:198 Resp: 278406
Ion Ratio Lower Upper
198 100
51 32.5 25.2 65.2
105 37.5 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 49.439 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Tgt Ion:169 Resp: 1502689
Ion Ratio Lower Upper
169 100
168 67.2 54.6 82.0
167 37.4 30.9 46.3

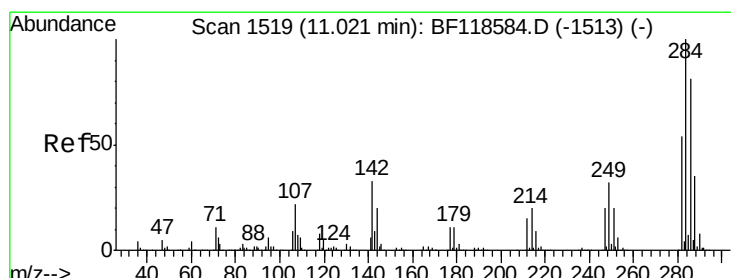
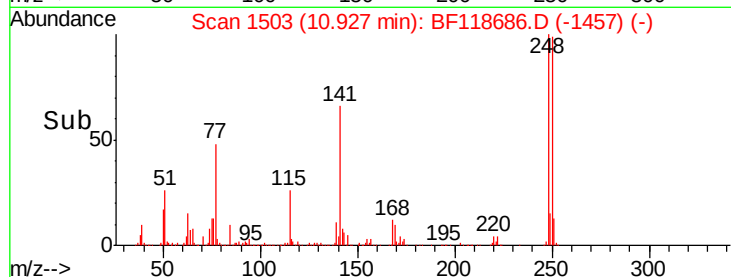
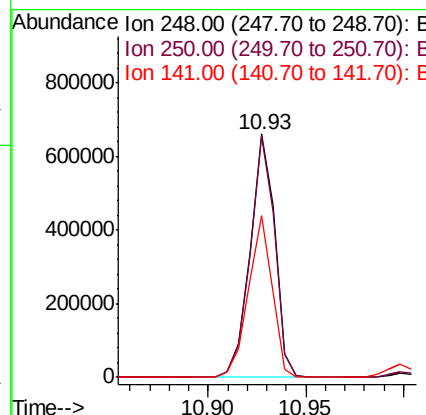
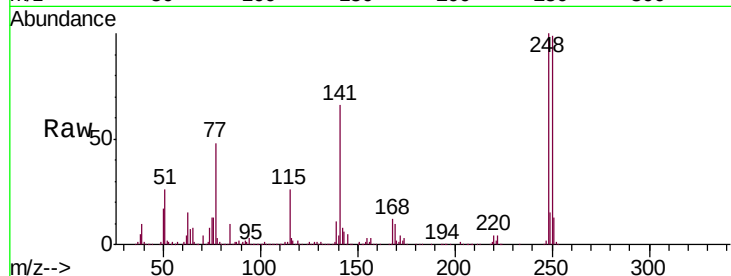




#67
4-Bromophenyl-phenylether
Concen: 46.619 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.03 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

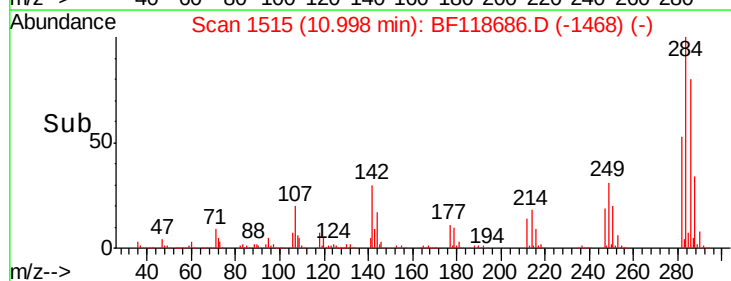
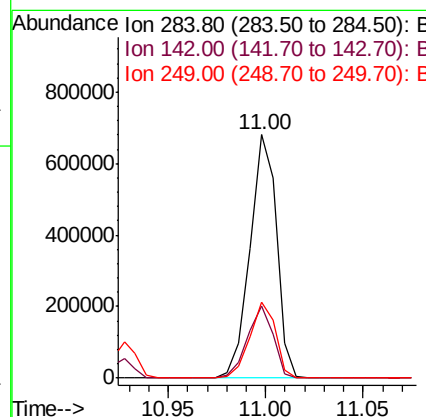
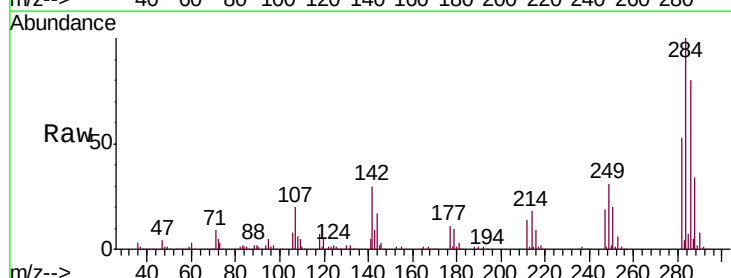
Instrument :
BNA_F
ClientSampleId :
EP-12MSD

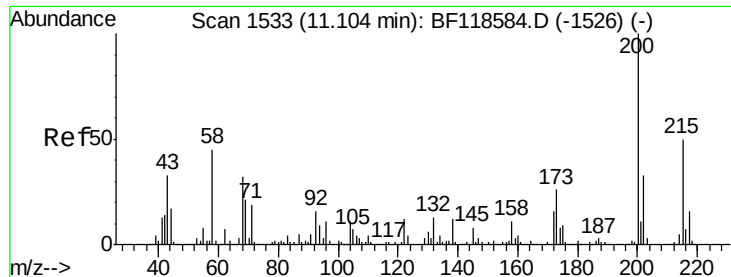
Tgt Ion:248 Resp: 580487
Ion Ratio Lower Upper
248 100
250 98.9 78.7 118.1
141 66.4 43.2 64.8#



#68
Hexachlorobenzene
Concen: 45.603 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.02 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Tgt Ion:284 Resp: 643788
Ion Ratio Lower Upper
284 100
142 29.8 26.6 39.8
249 31.2 25.2 37.8





#69

Atrazine

Concen: 47.074 ng

RT: 11.08 min Scan# 1529

Delta R.T. -0.02 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

Instrument :

BNA_F

ClientSampleId :

EP-12MSD

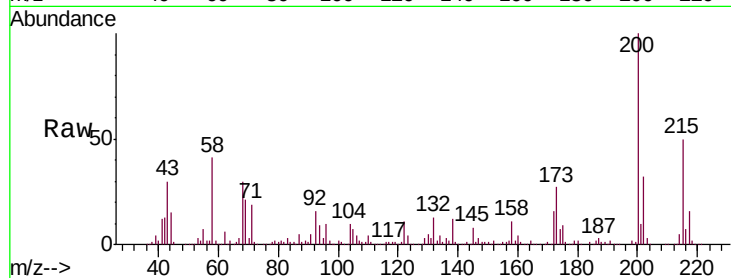
Tgt Ion:200 Resp: 495926

Ion Ratio Lower Upper

200 100

173 27.1 6.3 46.3

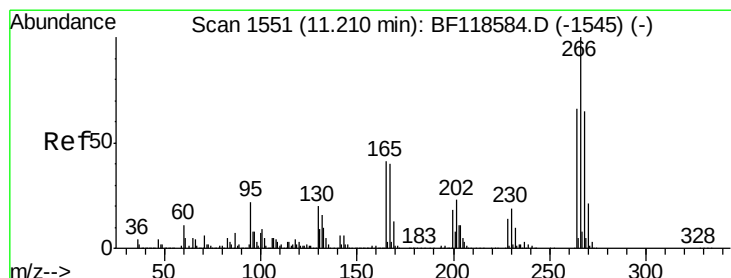
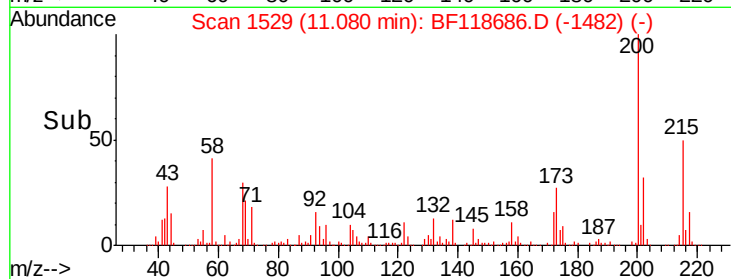
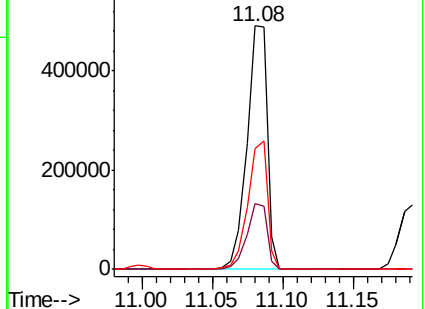
215 49.8 30.2 70.2



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: 90.638 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.02 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

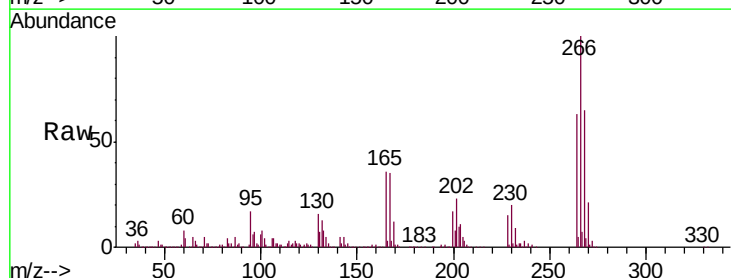
Tgt Ion:266 Resp: 711403

Ion Ratio Lower Upper

266 100

268 64.7 52.1 78.1

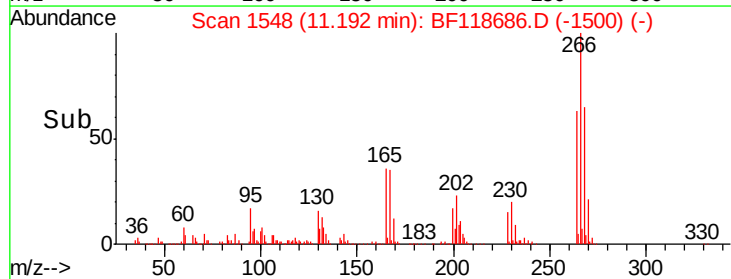
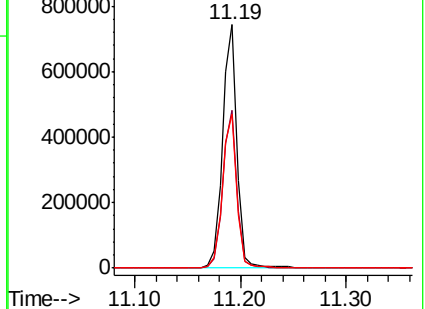
264 63.2 52.4 78.6

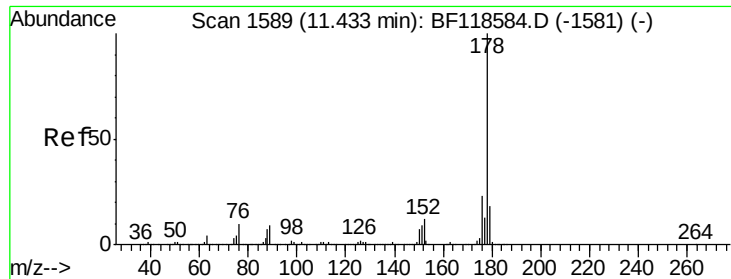


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

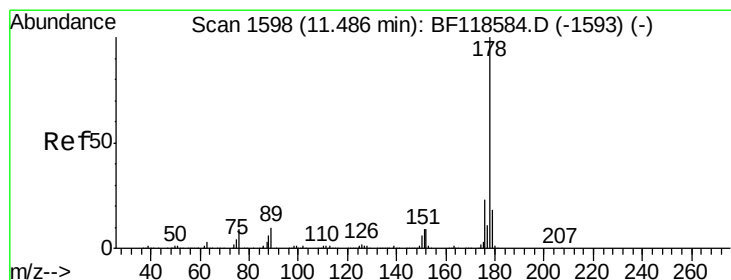
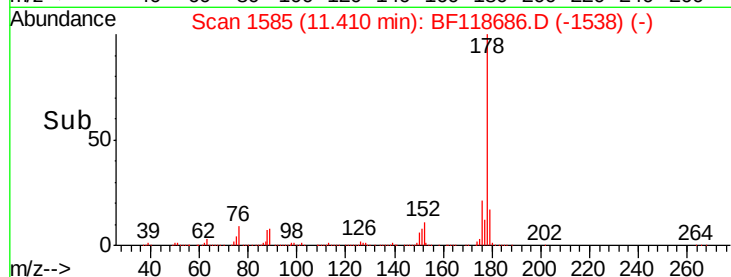
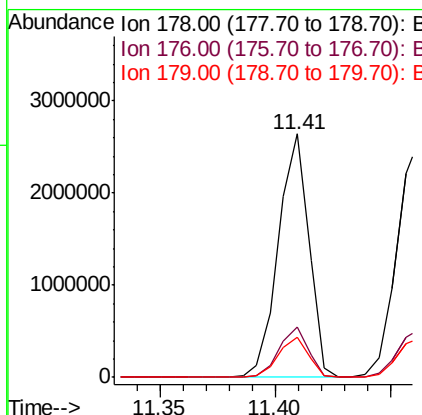
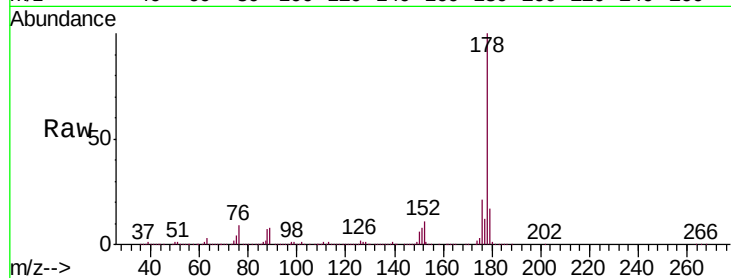




#71
 Phenanthrene
 Concen: 49.608 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.02 min
 Lab File: BF118686.D
 Acq: 24 Jan 2020 15:28

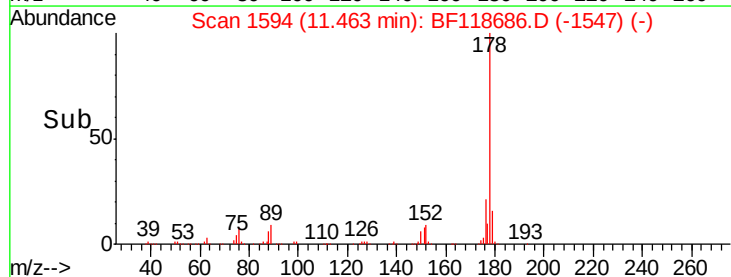
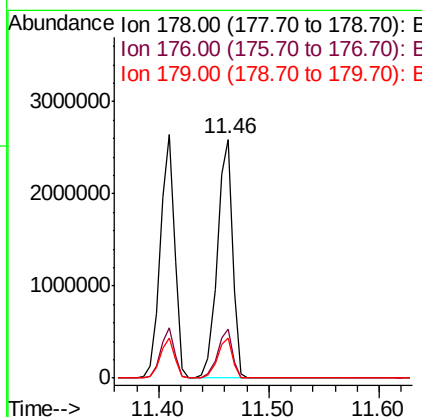
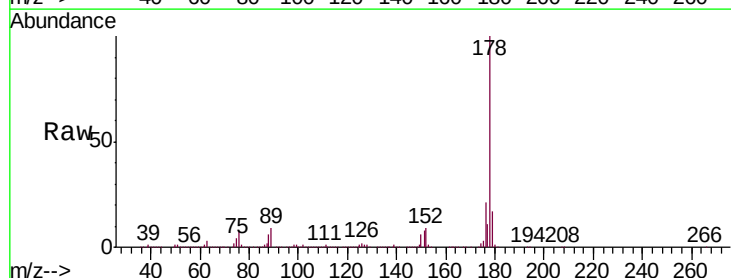
Instrument :
 BNA_F
 ClientSampleId :
 EP-12MSD

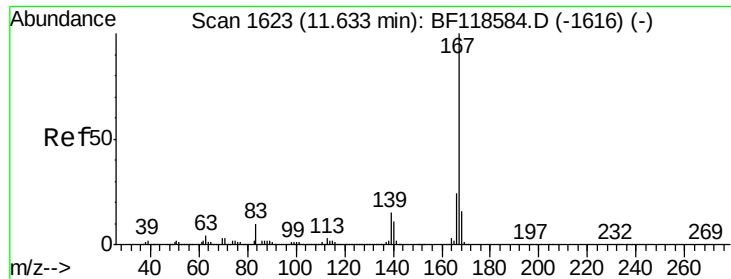
Tgt Ion:178 Resp: 2412145
 Ion Ratio Lower Upper
 178 100
 176 20.7 18.6 27.8
 179 16.6 14.7 22.1



#72
 Anthracene
 Concen: 51.559 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.02 min
 Lab File: BF118686.D
 Acq: 24 Jan 2020 15:28

Tgt Ion:178 Resp: 2480638
 Ion Ratio Lower Upper
 178 100
 176 20.5 18.0 27.0
 179 16.5 14.7 22.1

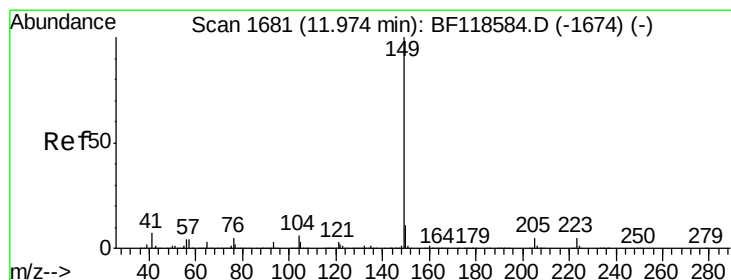
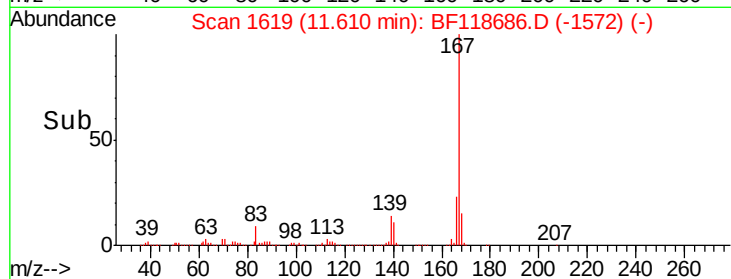
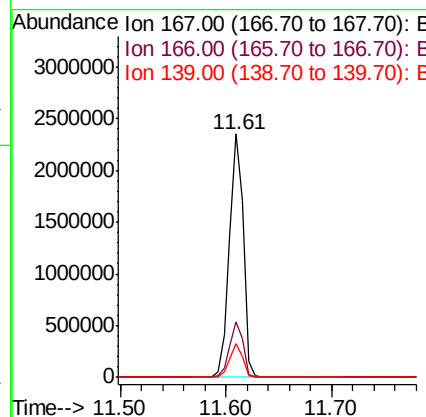
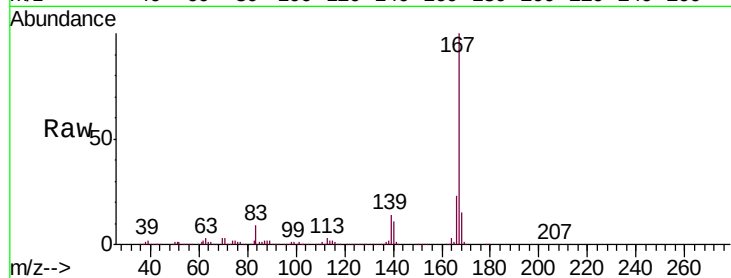




#73
 Carbazole
 Concen: 48.777 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.02 min
 Lab File: BF118686.D
 Acq: 24 Jan 2020 15:28

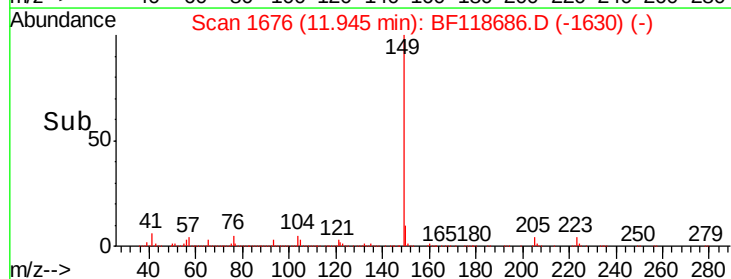
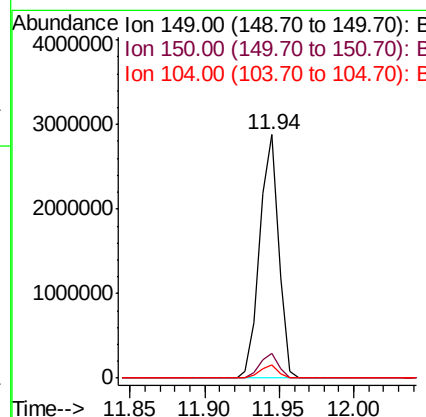
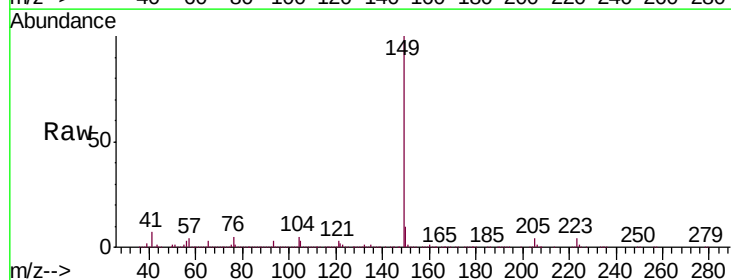
Instrument :
 BNA_F
 ClientSampleId :
 EP-12MSD

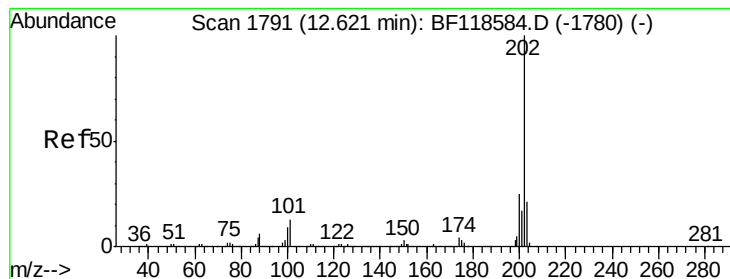
Tgt Ion:167 Resp: 2152555
 Ion Ratio Lower Upper
 167 100
 166 22.8 19.4 29.2
 139 13.7 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 50.908 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. -0.03 min
 Lab File: BF118686.D
 Acq: 24 Jan 2020 15:28

Tgt Ion:149 Resp: 2496042
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.7 13.1
 104 5.2 4.6 6.8





#75

Fluoranthene

Concen: 51.034 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.03 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

Instrument :

BNA_F

ClientSampleId :

EP-12MSD

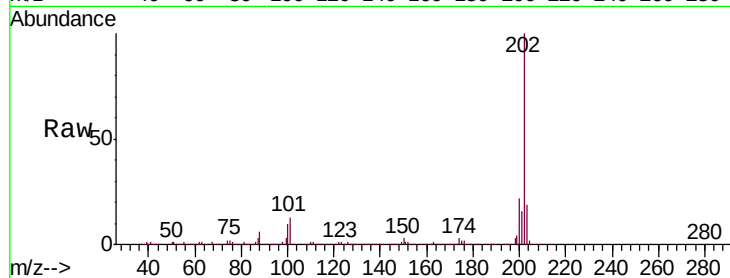
Tgt Ion:202 Resp: 2617212

Ion Ratio Lower Upper

202 100

101 12.7 0.0 32.5

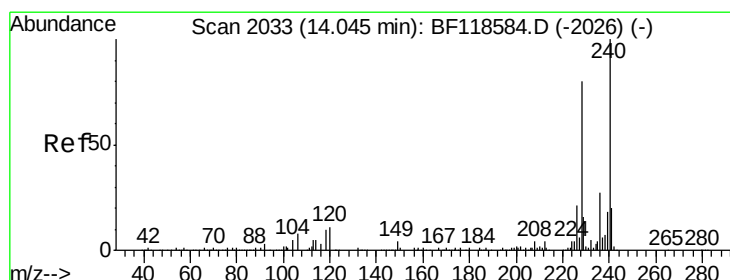
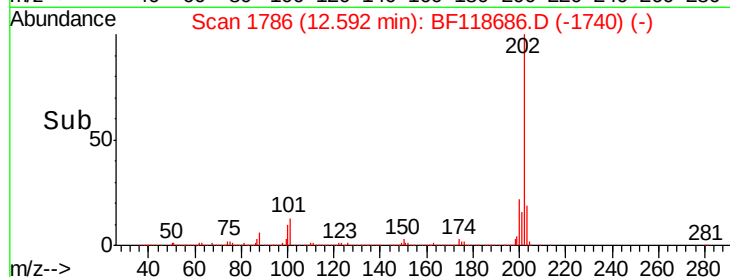
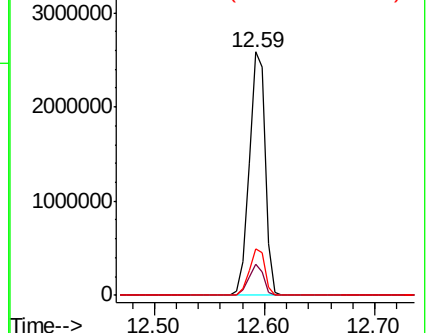
203 19.2 0.8 40.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.03 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

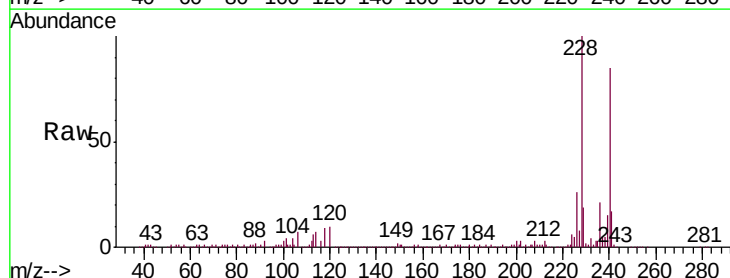
Tgt Ion:240 Resp: 600016

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

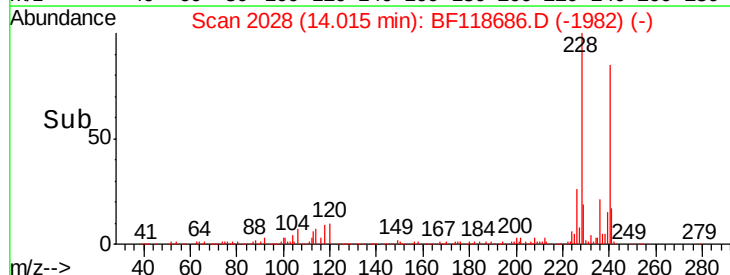
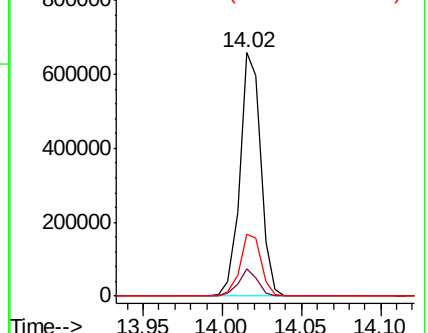
236 25.3 21.5 32.3

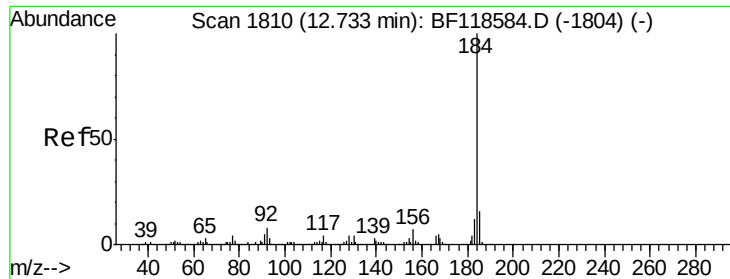


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

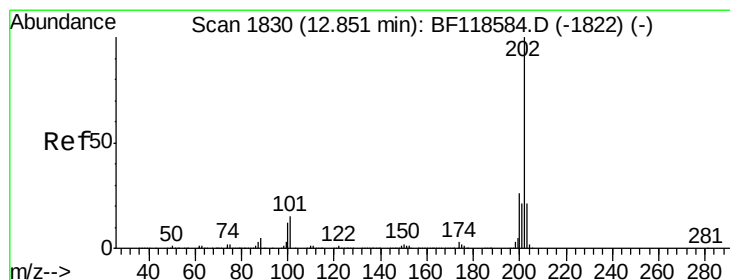
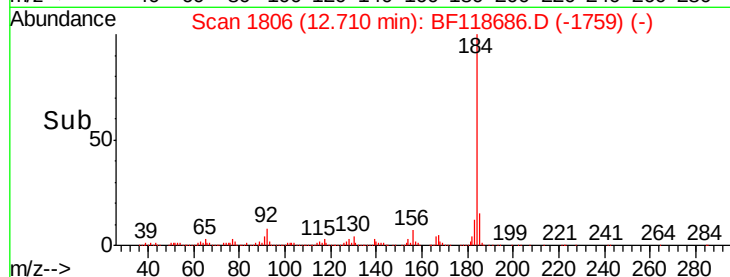
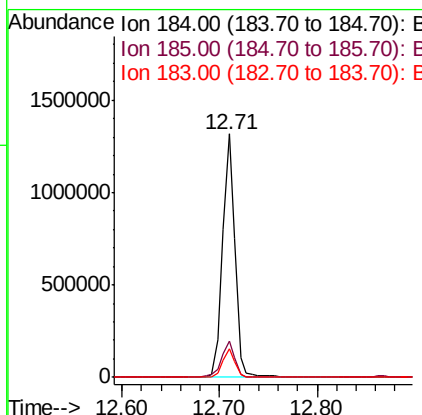
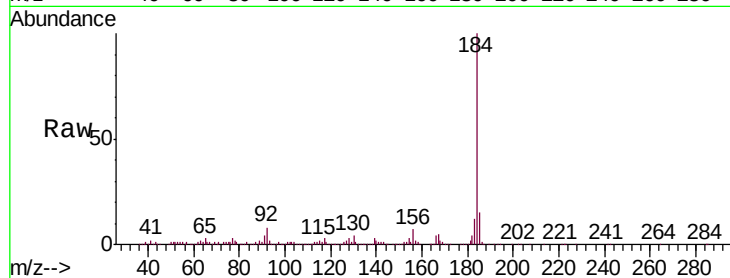




#77
Benzidine
Concen: 72.848 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

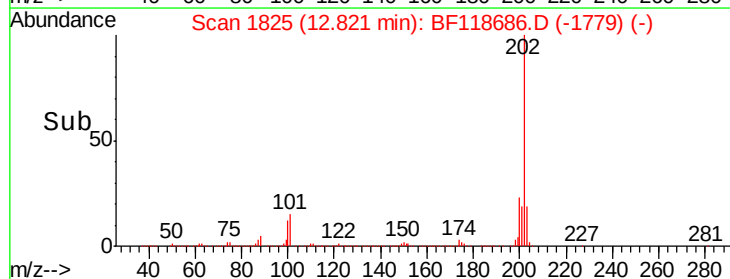
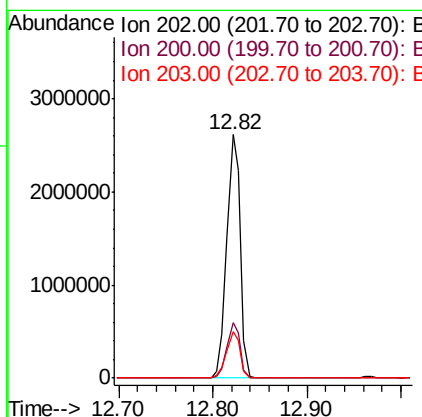
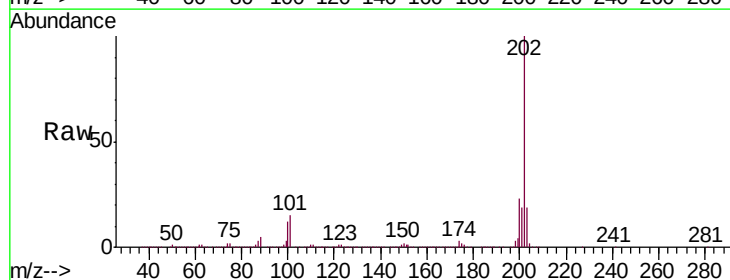
Instrument :
BNA_F
ClientSampleId :
EP-12MSD

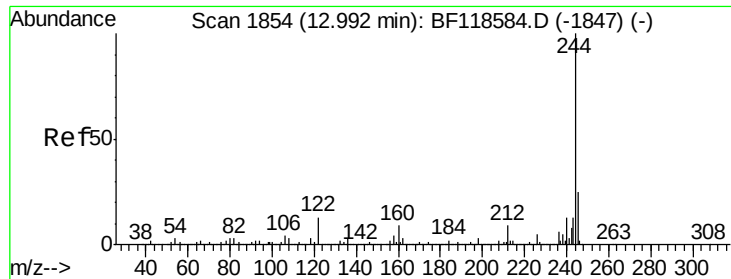
Tgt Ion:184 Resp: 1167901
Ion Ratio Lower Upper
184 100
185 15.0 12.9 19.3
183 12.0 9.6 14.4



#78
Pyrene
Concen: 63.827 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.03 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Tgt Ion:202 Resp: 2600035
Ion Ratio Lower Upper
202 100
200 22.8 20.6 31.0
203 19.0 16.8 25.2





#79

Terphenyl-d14

Concen: 121.590 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

Instrument :

BNA_F

ClientSampleId :

EP-12MSD

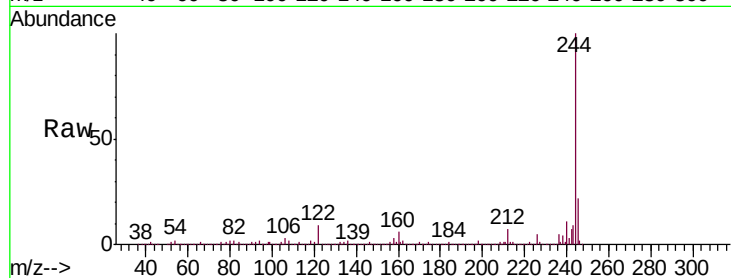
Tgt Ion:244 Resp: 3344931

Ion Ratio Lower Upper

244 100

212 7.4 7.0 10.4

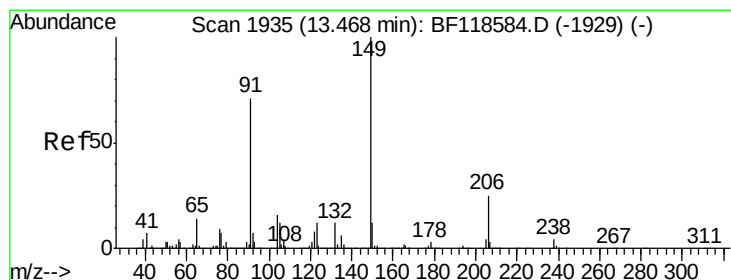
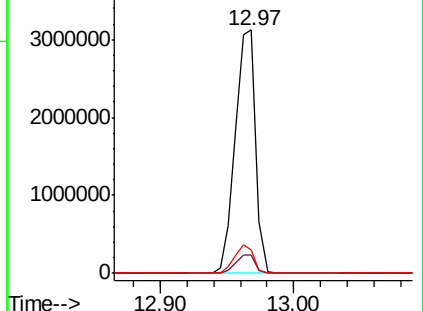
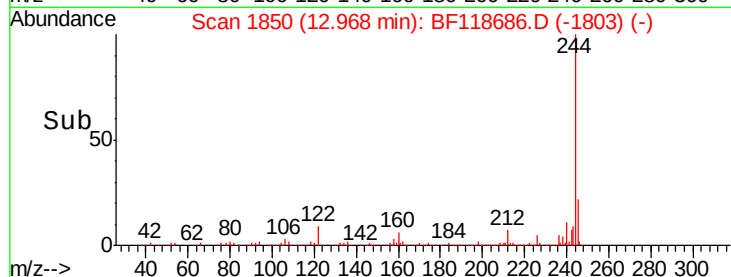
122 9.5 10.7 16.1#



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: 63.774 ng

RT: 13.44 min Scan# 1930

Delta R.T. -0.03 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

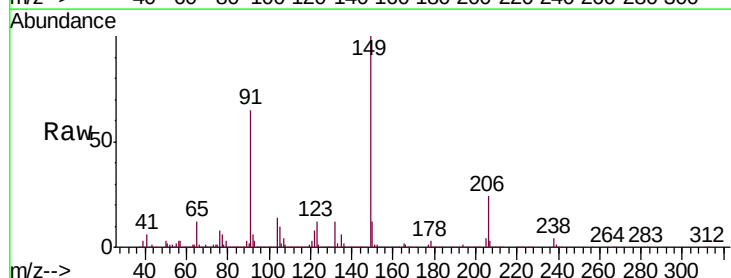
Tgt Ion:149 Resp: 1063208

Ion Ratio Lower Upper

149 100

91 64.8 56.5 84.7

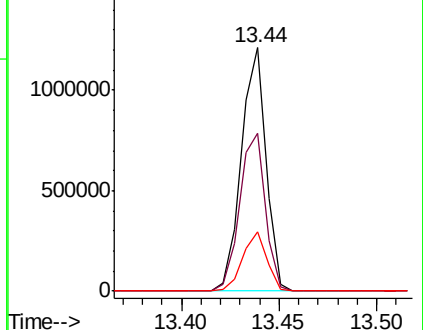
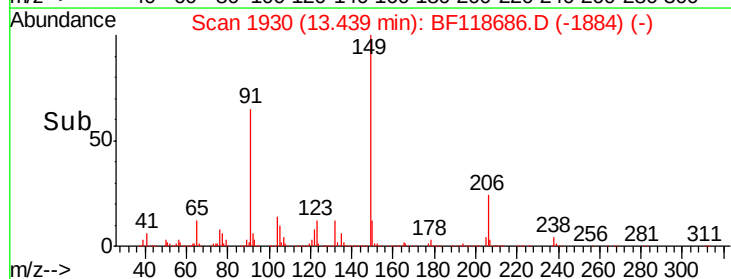
206 24.4 19.9 29.9

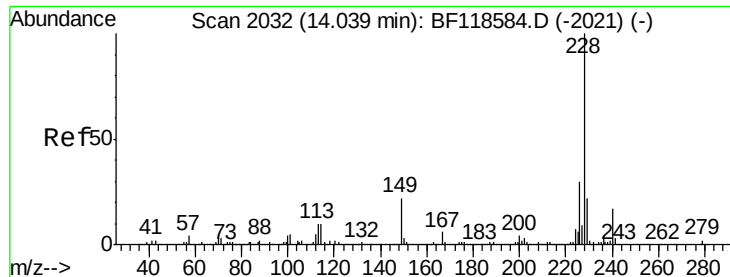


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.143 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.03 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

Instrument :

BNA_F

ClientSampleId :

EP-12MSD

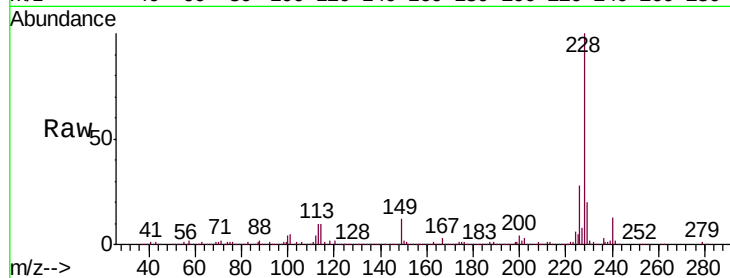
Tgt Ion:228 Resp: 1845962

Ion Ratio Lower Upper

228 100

226 27.9 24.1 36.1

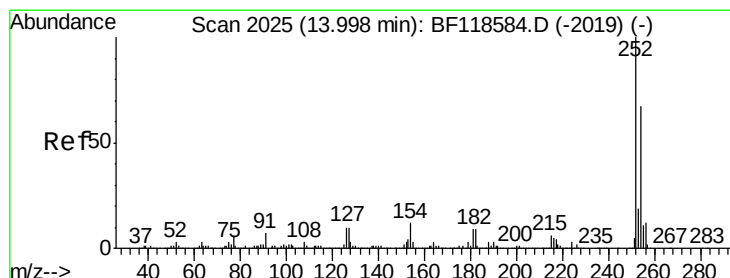
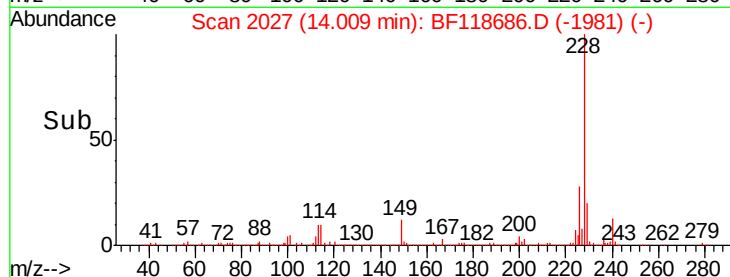
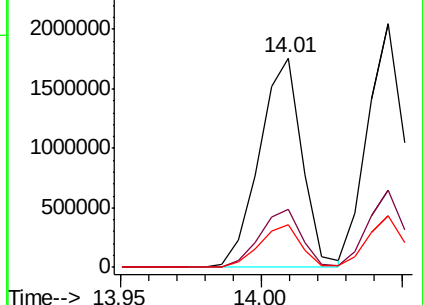
229 20.4 17.6 26.4



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: 34.412 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

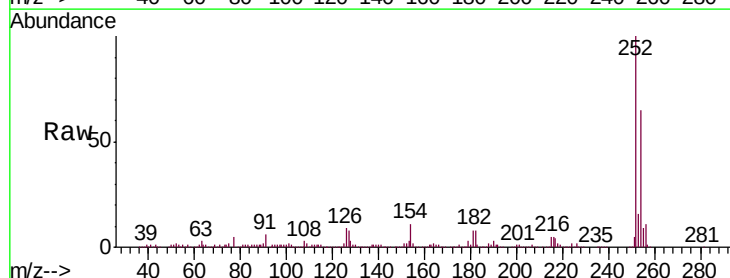
Tgt Ion:252 Resp: 442588

Ion Ratio Lower Upper

252 100

254 64.8 53.4 80.2

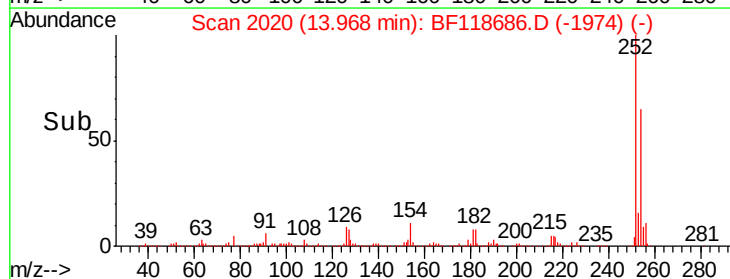
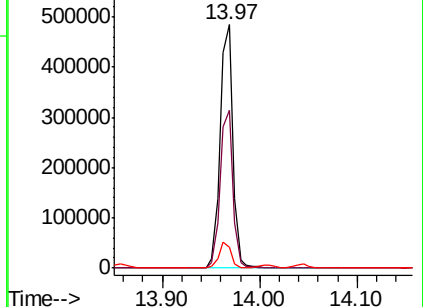
126 8.6 8.0 12.0

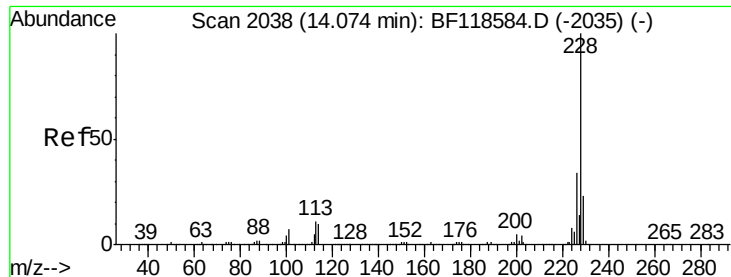


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 51.946 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.03 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

Instrument :

BNA_F

ClientSampleId :

EP-12MSD

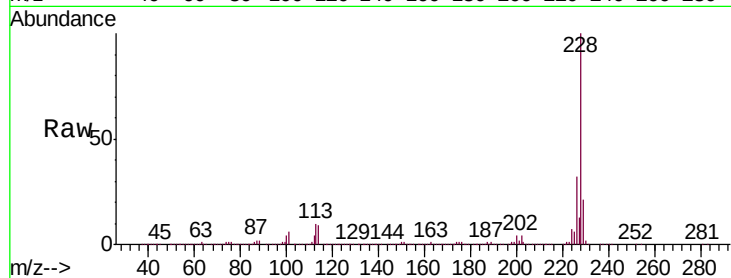
Tgt Ion:228 Resp: 1796961

Ion Ratio Lower Upper

228 100

226 31.6 27.4 41.0

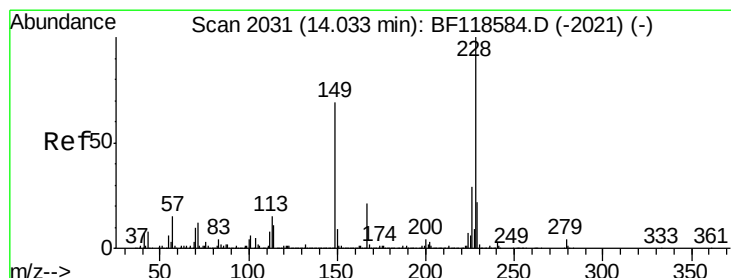
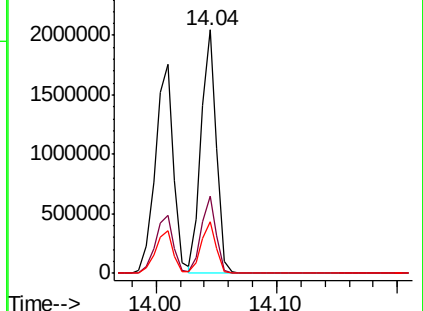
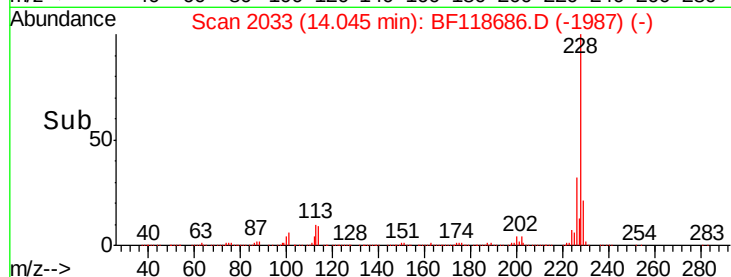
229 21.0 18.3 27.5



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: 61.897 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.04 min

Lab File: BF118686.D

Acq: 24 Jan 2020 15:28

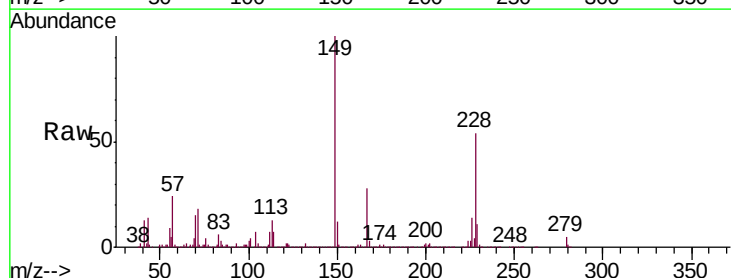
Tgt Ion:149 Resp: 1260715

Ion Ratio Lower Upper

149 100

167 28.5 24.2 36.4

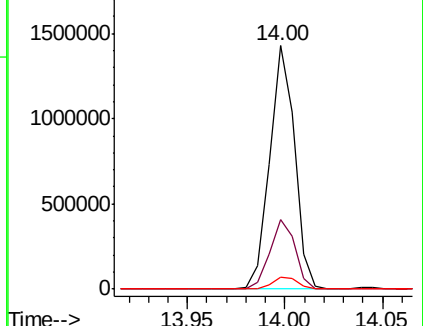
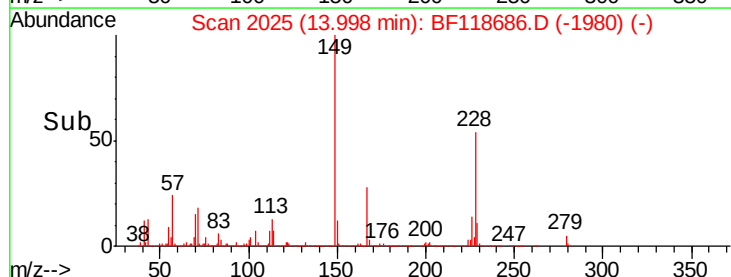
279 5.1 5.0 7.4

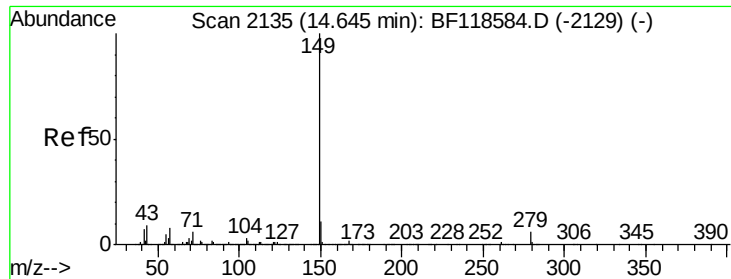


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

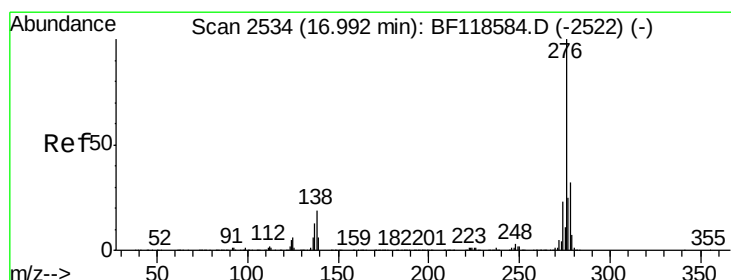
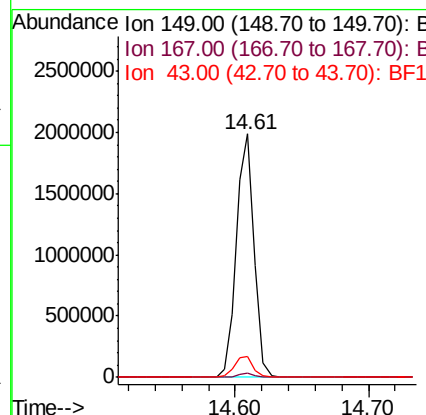
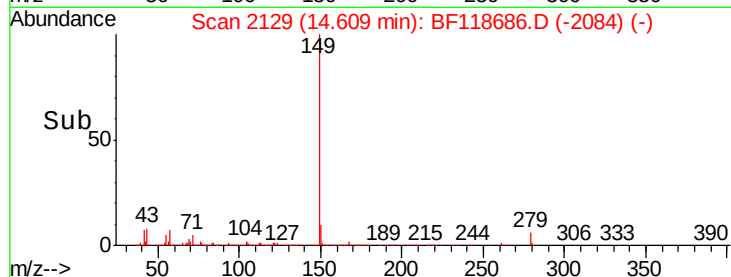
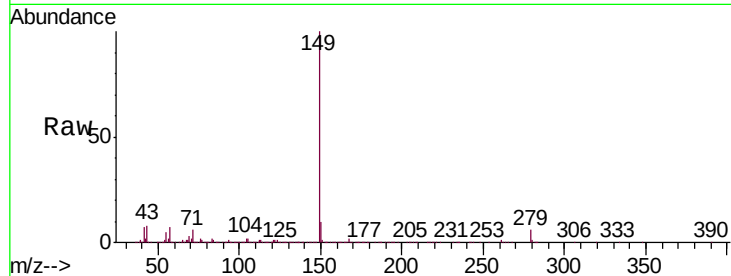




#85
Di-n-octyl phthalate
Concen: 61.383 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.04 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

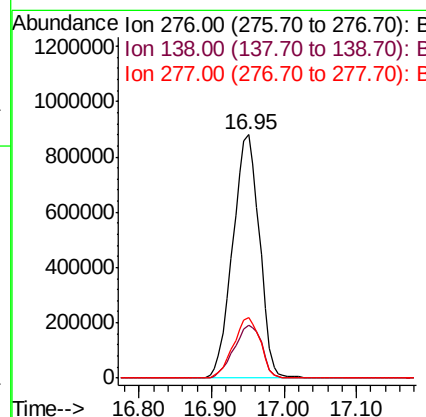
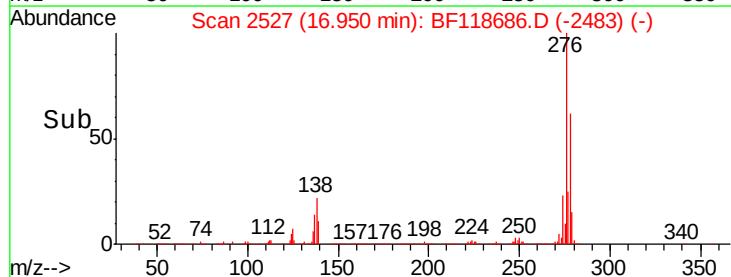
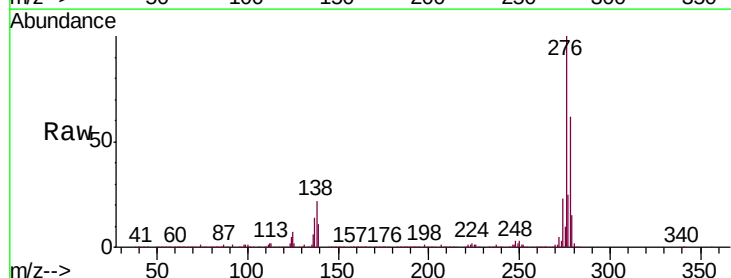
Instrument :
BNA_F
ClientSampled :
EP-12MSD

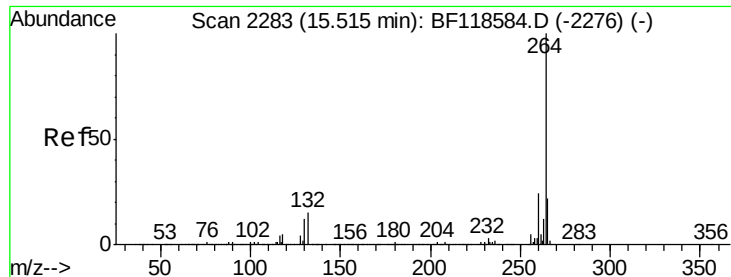
Tgt Ion:149 Resp: 1850595
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.6 8.1 12.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 74.947 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.04 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Tgt Ion:276 Resp: 2252716
Ion Ratio Lower Upper
276 100
138 22.9 17.2 25.8
277 25.3 20.5 30.7



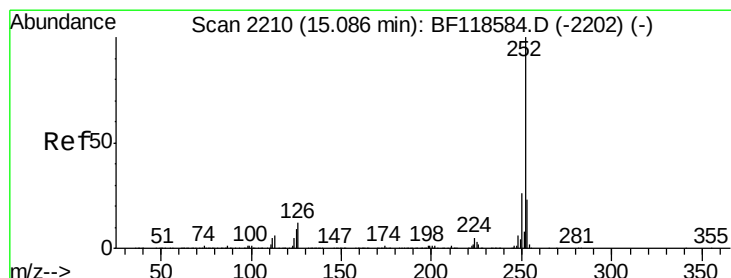
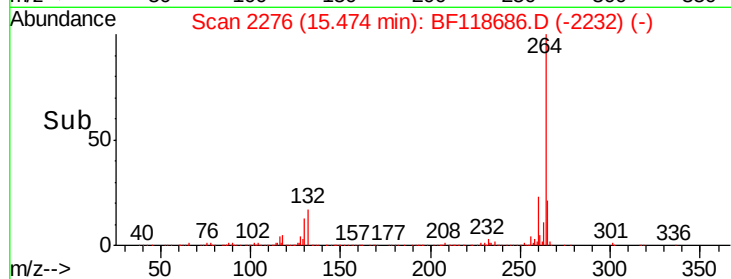
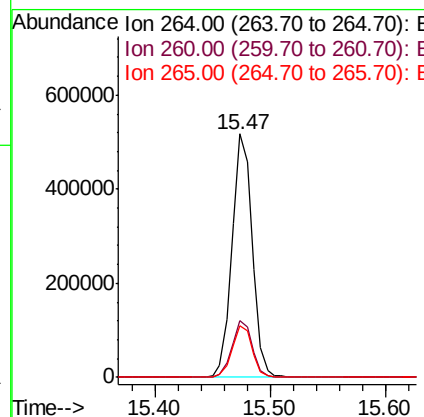
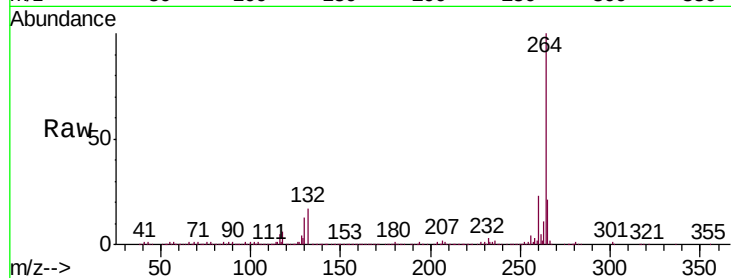


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.04 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Instrument :
BNA_F
ClientSampleId :
EP-12MSD

Tgt Ion:264 Resp: 627840

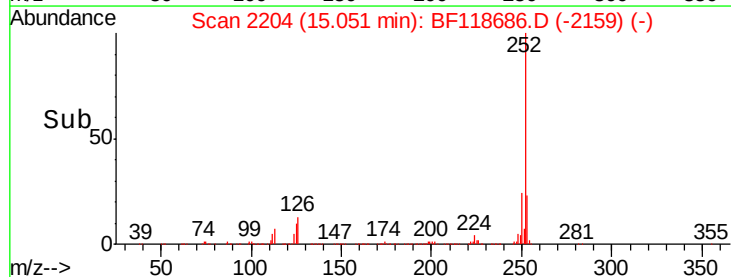
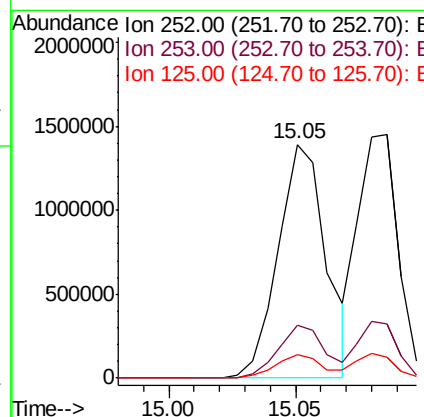
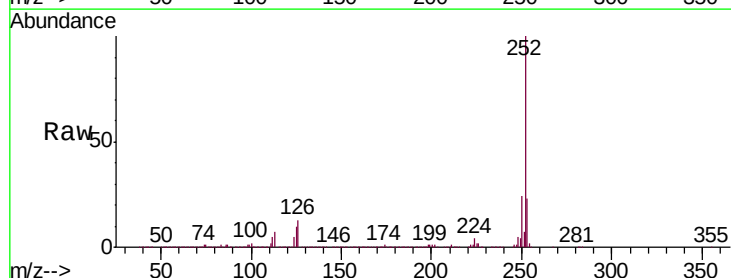
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	21.3	17.7	26.5

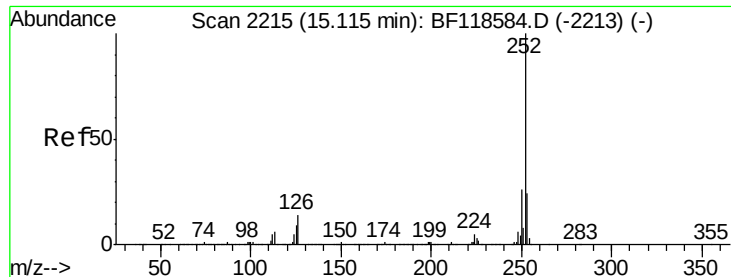


#88
Benzo(b)fluoranthene
Concen: 46.371 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.04 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Tgt Ion:252 Resp: 1829989

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.7	28.1
125	10.0	7.3	10.9

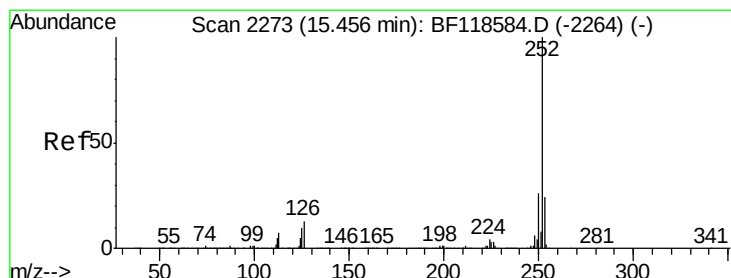
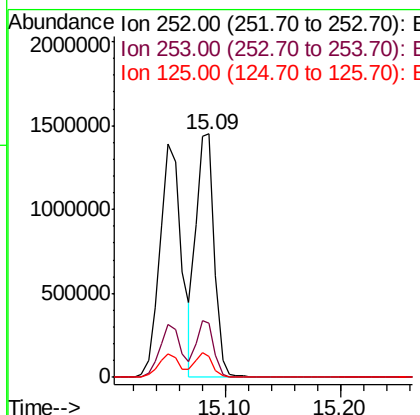
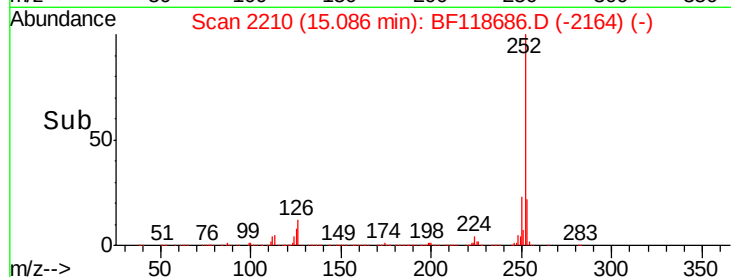
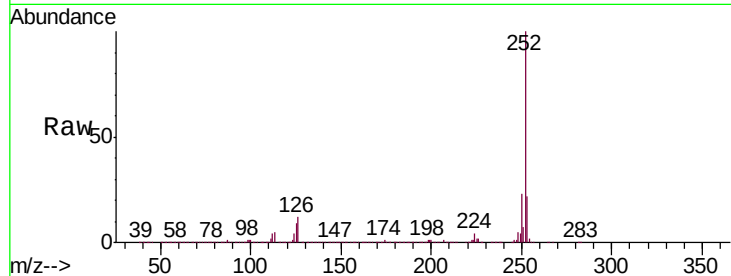




#89
Benzo(k)fluoranthene
Concen: 44.058 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.03 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

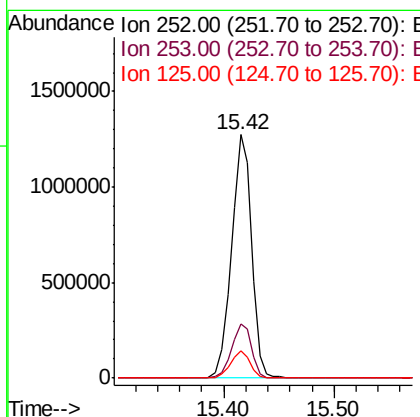
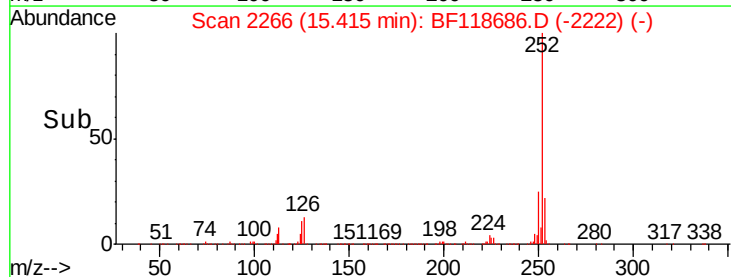
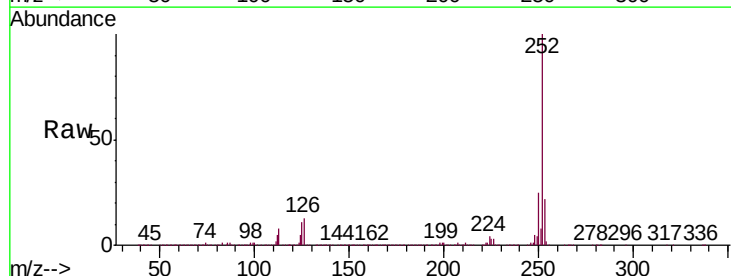
Instrument :
BNA_F
ClientSampleId :
EP-12MSD

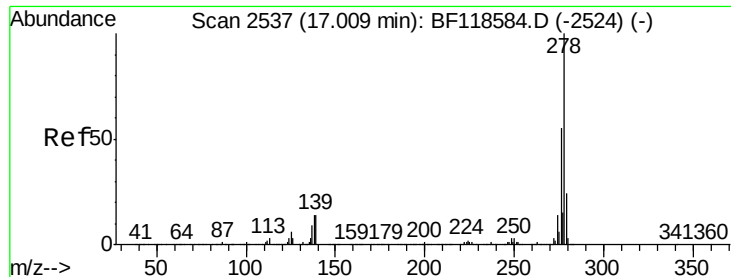
Tgt Ion:252 Resp: 1610862
Ion Ratio Lower Upper
252 100
253 22.3 19.0 28.4
125 8.6 7.6 11.4



#90
Benzo(a)pyrene
Concen: 47.655 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.04 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Tgt Ion:252 Resp: 1622342
Ion Ratio Lower Upper
252 100
253 22.4 18.8 28.2
125 11.0 7.8 11.6

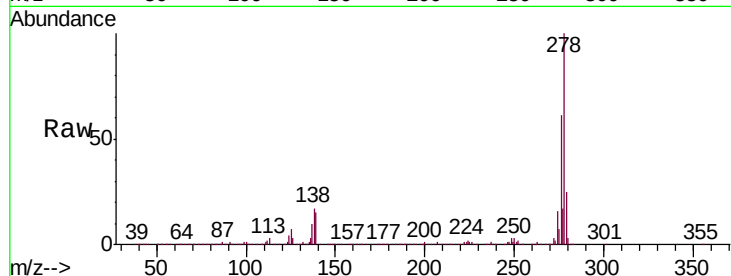




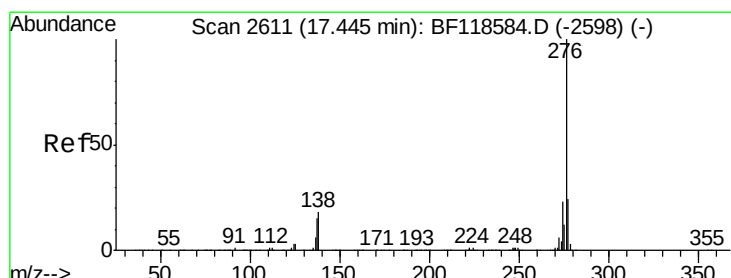
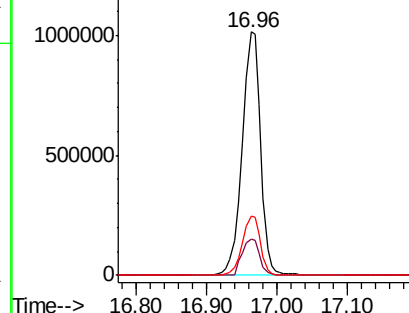
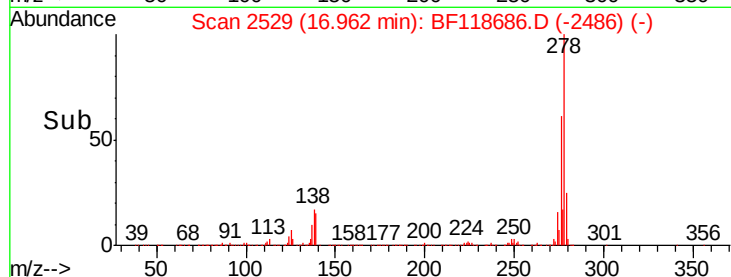
#91
Dibenzo(a,h)anthracene
Concen: 61.279 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.05 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Instrument :
BNA_F
ClientSampleId :
EP-12MSD

Tgt Ion:278 Resp: 1845296
Ion Ratio Lower Upper
278 100
139 15.0 11.4 17.0
279 24.6 19.0 28.6

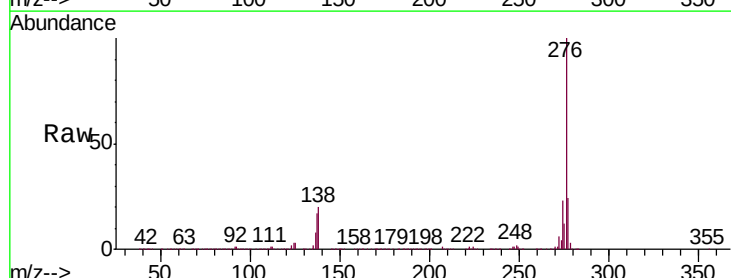


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 66.939 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.05 min
Lab File: BF118686.D
Acq: 24 Jan 2020 15:28

Tgt Ion:276 Resp: 1957191
Ion Ratio Lower Upper
276 100
277 24.2 18.9 28.3
138 19.9 14.4 21.6



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

