

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119770.D
 Acq On : 6 Apr 2020 14:31
 Operator : MA/SJ
 Sample : PB128016BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128016BS

Quant Time: Apr 06 15:01:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	147887	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	570342	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	292349	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	588412	20.00	ng	0.00
76) Chrysene-d12	13.96	240	426455	20.00	ng	0.00
87) Perylene-d12	15.40	264	468344	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1258556	135.48	ng	0.02
7) Phenol-d6	6.42	99	1554527	130.99	ng	0.00
23) Nitrobenzene-d5	7.35	82	952136	90.73	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	468306	155.27	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1850382	93.77	ng	0.00
79) Terphenyl-d14	12.90	244	2112358	97.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	163905	35.723	ng	98
3) Pyridine	3.27	79	456394	36.106	ng	97
4) n-Nitrosodimethylamine	3.22	42	262686	42.615	ng	99
6) Aniline	6.45	93	532983	32.541	ng	98
8) 2-Chlorophenol	6.57	128	503175	51.570	ng	96
9) Benzaldehyde	6.33	77	241690	32.105	ng	99
10) Phenol	6.43	94	617095	48.734	ng	97
11) bis(2-Chloroethyl)ether	6.52	93	460908	45.511	ng	98
12) 1,3-Dichlorobenzene	6.72	146	488858	46.293	ng	97
13) 1,4-Dichlorobenzene	6.80	146	511529	48.428	ng	98
14) 1,2-Dichlorobenzene	6.95	146	466735	47.274	ng	99
15) Benzyl Alcohol	6.93	79	398324	44.621	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	860471	42.123	ng	99
17) 2-Methylphenol	7.04	107	386135	43.193	ng	100
18) Hexachloroethane	7.30	117	183478	47.399	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	330053	46.142	ng	99
20) 3+4-Methylphenols	7.19	107	495401	45.217	ng	# 82
22) Acetophenone	7.19	105	649382	47.650	ng	# 86
24) Nitrobenzene	7.37	77	501257	44.695	ng	98
25) Isophorone	7.61	82	917915	43.119	ng	100
26) 2-Nitrophenol	7.69	139	267562	60.592	ng	# 87
27) 2,4-Dimethylphenol	7.72	122	410659	44.975	ng	95
28) bis(2-Chloroethoxy)methane	7.82	93	582618	46.283	ng	99
29) 2,4-Dichlorophenol	7.93	162	400944	47.790	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	443739	47.826	ng	98
31) Naphthalene	8.09	128	1378932	46.982	ng	99
32) Benzoic acid	7.85	122	335074	57.049	ng	95
33) 4-Chloroaniline	8.14	127	297062	22.088	ng	98
34) Hexachlorobutadiene	8.21	225	246750	47.532	ng	98
35) Caprolactam	8.50	113	69344	25.255	ng	95
36) 4-Chloro-3-methylphenol	8.63	107	437351	47.695	ng	100
37) 2-Methylnaphthalene	8.79	142	918472	47.682	ng	98
38) 1-Methylnaphthalene	8.89	142	861922	47.275	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	409747	47.817	ng	99

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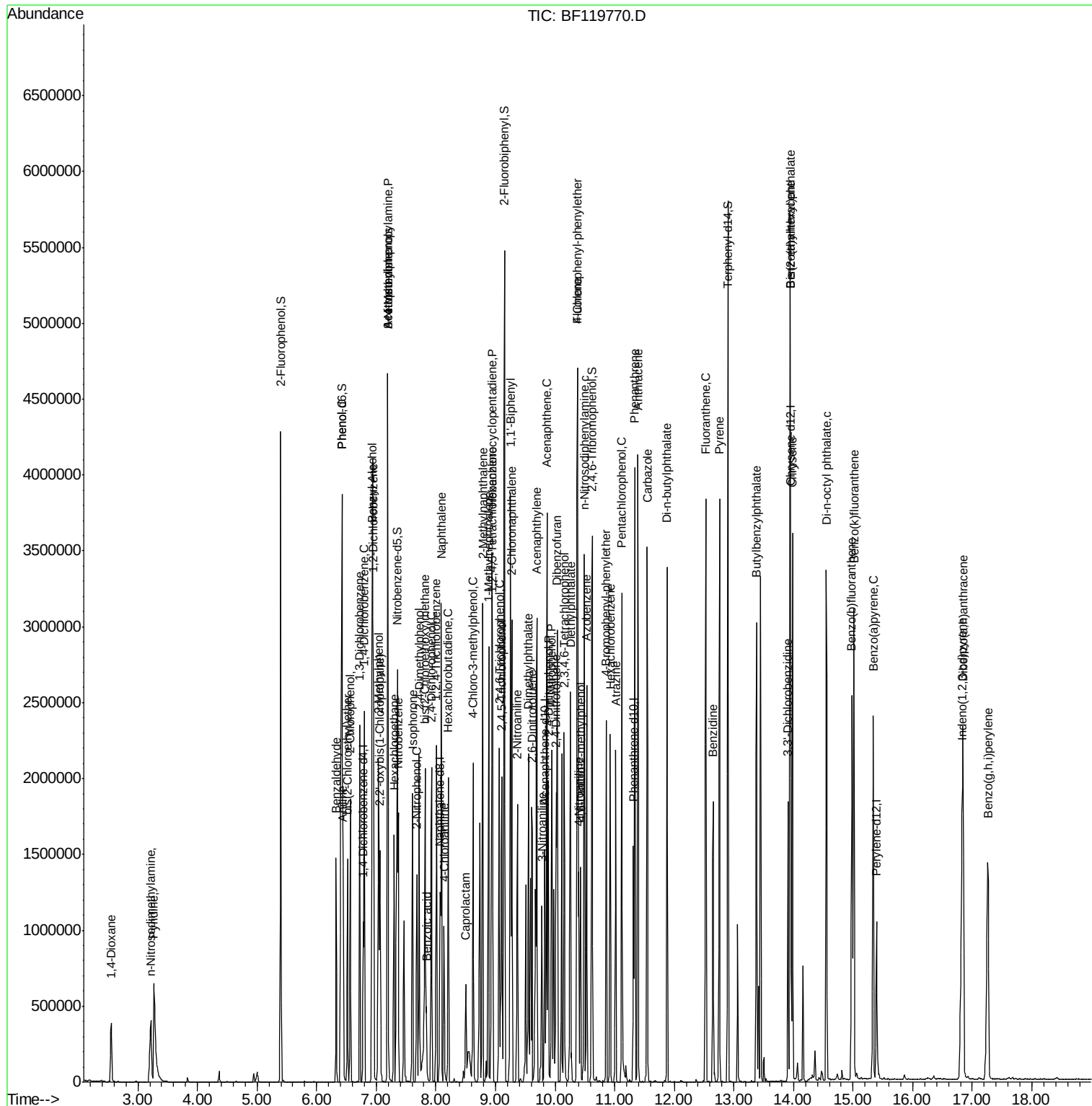
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	506154	103.899	ng	100
43) 2,4,6-Trichlorophenol	9.06	196	295592	48.204	ng	97
44) 2,4,5-Trichlorophenol	9.10	196	318031	46.297	ng	95
46) 1,1'-Biphenyl	9.25	154	1125738	47.279	ng	97
47) 2-Chloronaphthalene	9.27	162	894670	47.969	ng	99
48) 2-Nitroaniline	9.37	65	310864	48.289	ng	98
49) Acenaphthylene	9.69	152	1360505	46.451	ng	98
50) Dimethylphthalate	9.56	163	993096	47.824	ng	98
51) 2,6-Dinitrotoluene	9.62	165	237975	53.466	ng	95
52) Acenaphthene	9.86	154	839140	45.958	ng	99
53) 3-Nitroaniline	9.78	138	165715	29.490	ng	93
54) 2,4-Dinitrophenol	9.89	184	272074	135.697	ng	93
55) Dibenzofuran	10.03	168	1254235	47.910	ng	100
56) 4-Nitrophenol	9.95	139	415615	93.757	ng	87
57) 2,4-Dinitrotoluene	10.02	165	312281	55.694	ng	100
58) Fluorene	10.38	166	956641	49.416	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	274121	53.385	ng	98
60) Diethylphthalate	10.26	149	1030397	48.890	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	464444	49.060	ng	99
62) 4-Nitroaniline	10.40	138	249555	46.312	ng	98
63) Azobenzene	10.53	77	975837	45.979	ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	180990	73.353	ng	99
66) n-Nitrosodiphenylamine	10.49	169	874037	45.248	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	297370	44.375	ng	93
68) Hexachlorobenzene	10.93	284	325107	47.401	ng	93
69) Atrazine	11.02	200	259598	49.021	ng	97
70) Pentachlorophenol	11.12	266	378888	94.214	ng	98
71) Phenanthrene	11.34	178	1466094	48.052	ng	98
72) Anthracene	11.39	178	1521118	49.054	ng	98
73) Carbazole	11.55	167	1401850	45.673	ng	98
74) Di-n-butylphthalate	11.88	149	1562983	47.603	ng	99
75) Fluoranthene	12.53	202	1535814	46.512	ng	99
77) Benzidine	12.65	184	683619	37.879	ng	98
78) Pyrene	12.76	202	1568268	44.809	ng	98
80) Butylbenzylphthalate	13.38	149	664651	46.954	ng	100
81) Benzo(a)anthracene	13.94	228	1288518	46.464	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	364138	33.302	ng	98
83) Chrysene	13.99	228	1316236	45.990	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	872094	51.681	ng	99
85) Di-n-octyl phthalate	14.55	149	1547670	52.150	ng	99
86) Indeno(1,2,3-cd)pyrene	16.83	276	1548310	57.441	ng	98
88) Benzo(b)fluoranthene	14.98	252	1439180	46.002	ng	97
89) Benzo(k)fluoranthene	15.02	252	1274575	42.785	ng	99
90) Benzo(a)pyrene	15.34	252	1261430	44.367	ng	98
91) Dibenzo(a,h)anthracene	16.85	278	1265541	50.890	ng	98
92) Benzo(g,h,i)perylene	17.26	276	1290409	51.651	ng	97

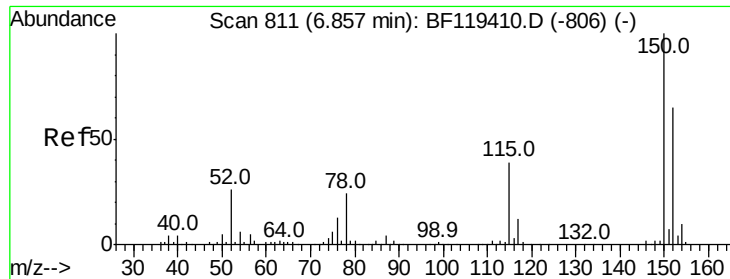
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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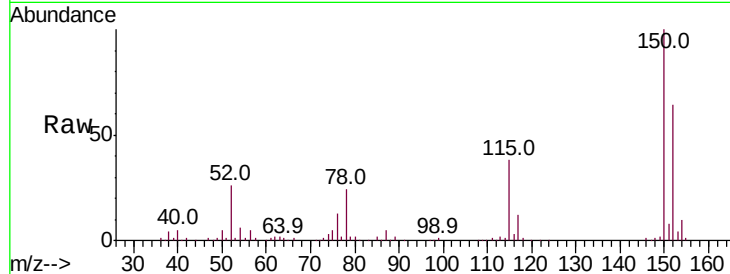


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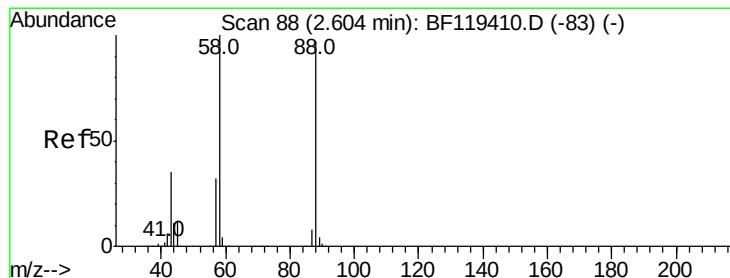
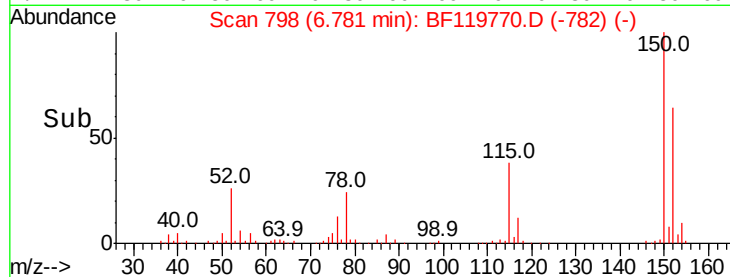
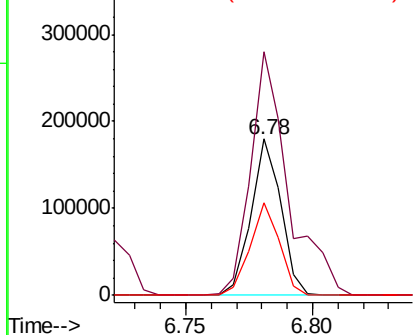
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion:152 Resp: 147887
Ion Ratio Lower Upper
152 100
150 156.0 124.5 186.7
115 59.3 49.6 74.4



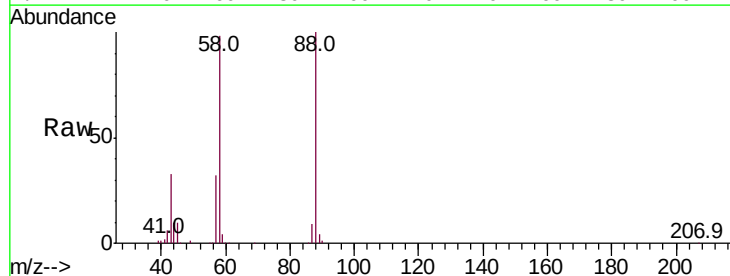
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



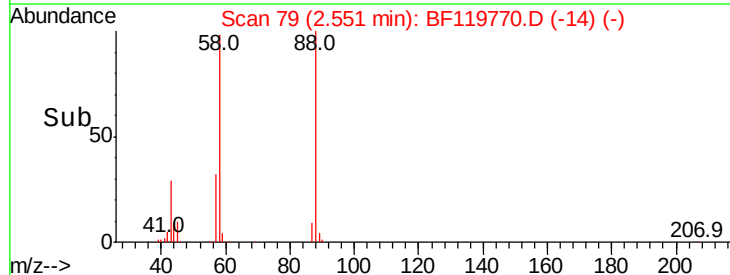
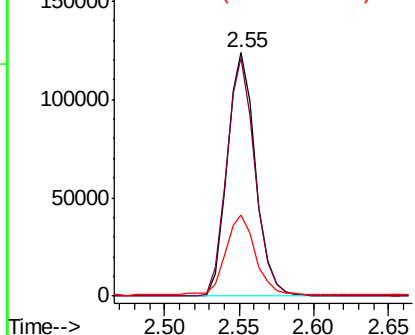
#2

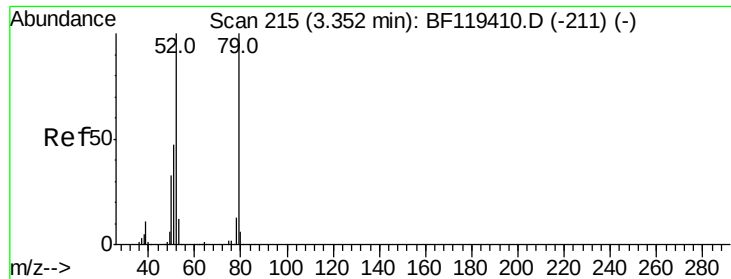
1,4-Dioxane
Concen: 35.723 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.08 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion: 88 Resp: 163905
Ion Ratio Lower Upper
88 100
58 98.7 80.6 121.0
43 35.4 27.5 41.3



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

Pvridine

Concen: 36.106 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.08 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

ClientSampleId :

PB128016BS

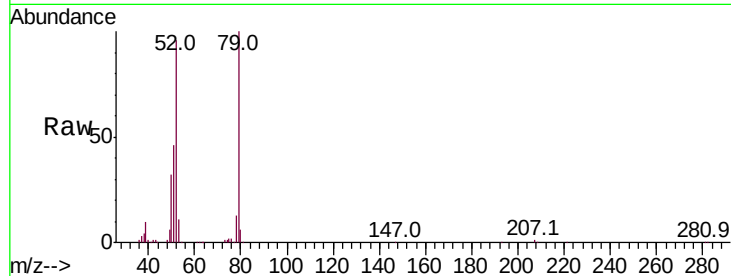
Tot Ion: 79 Resp: 456394

Ion Ratio Lower Upper

79 100

52 96.1 80.2 120.2

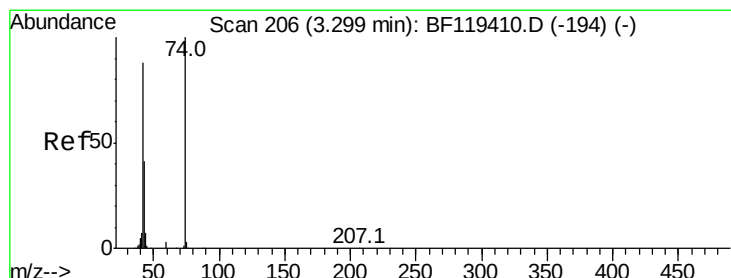
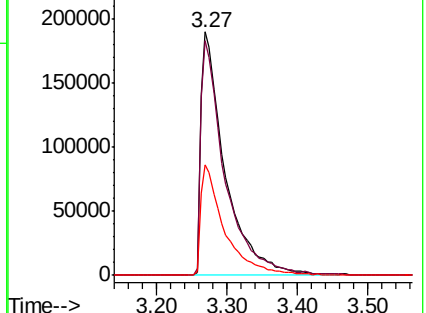
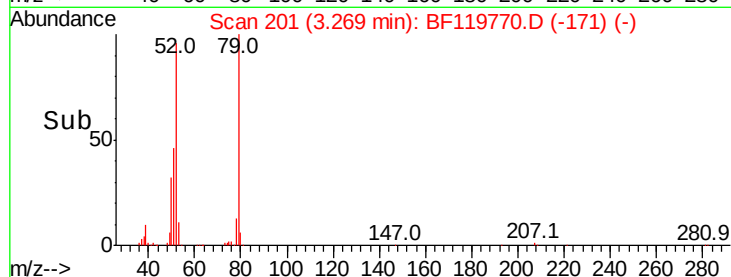
51 45.6 37.7 56.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 42.615 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.07 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

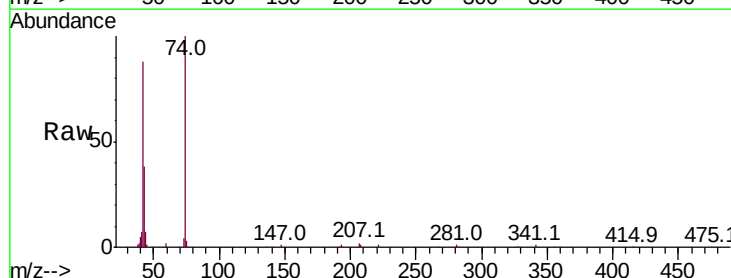
Tgt Ion: 42 Resp: 262686

Ion Ratio Lower Upper

42 100

74 113.6 91.5 137.3

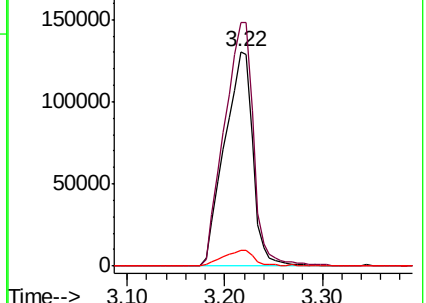
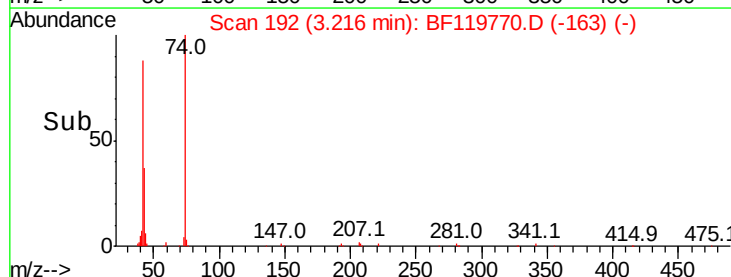
44 7.5 6.2 9.4

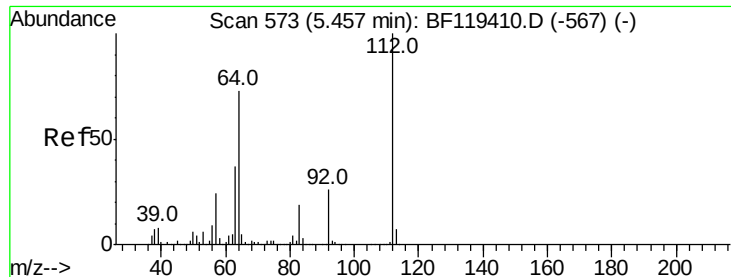


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 135.475 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

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ClientSampleId :

PB128016BS

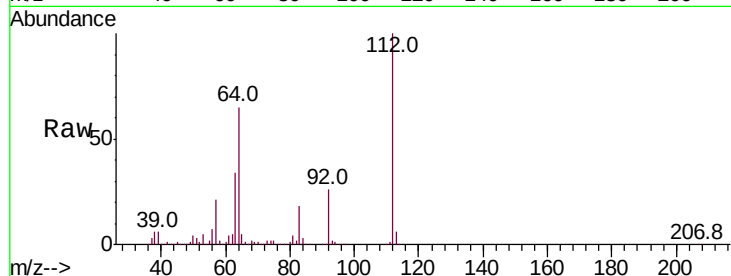
Tot Ion:112 Resp: 1258556

Ion Ratio Lower Upper

112 100

64 65.4 56.7 85.1

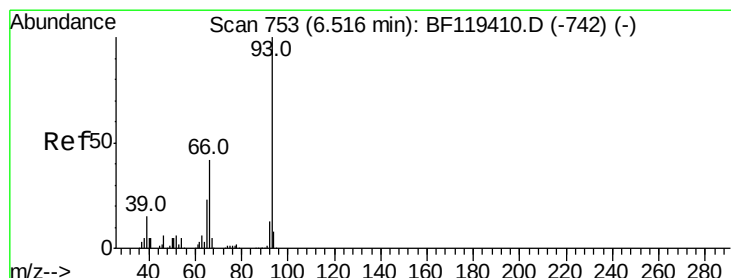
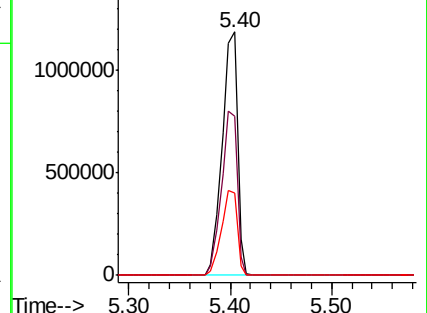
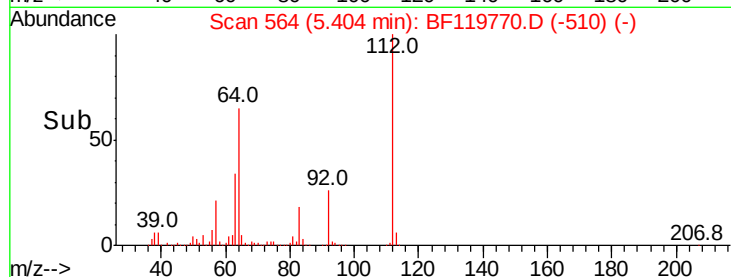
63 33.9 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.541 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

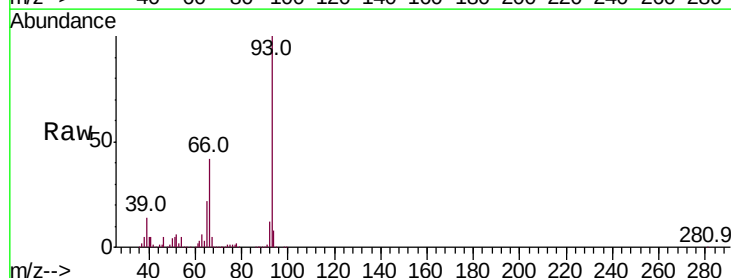
Tgt Ion: 93 Resp: 532983

Ion Ratio Lower Upper

93 100

66 42.0 34.9 52.3

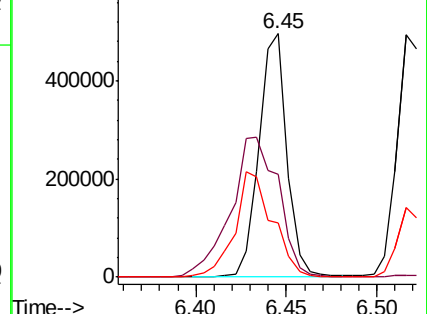
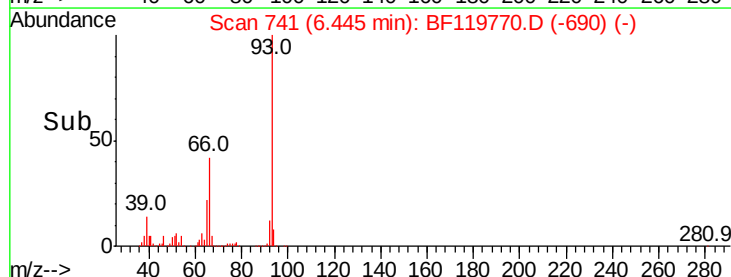
65 22.3 18.6 27.8

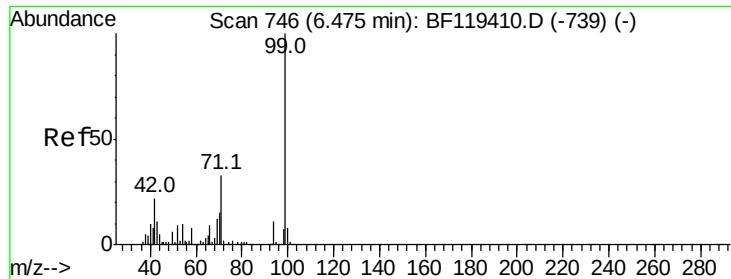


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.993 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

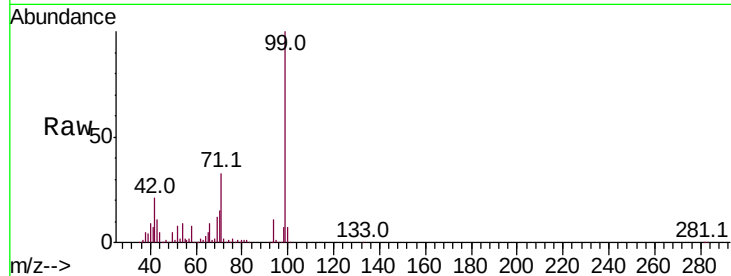
BNA_F

ClientSampleId :

PB128016BS

Tot Ion: 99 Resp: 1554527

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.6	24.8
71	33.1	26.4	39.6

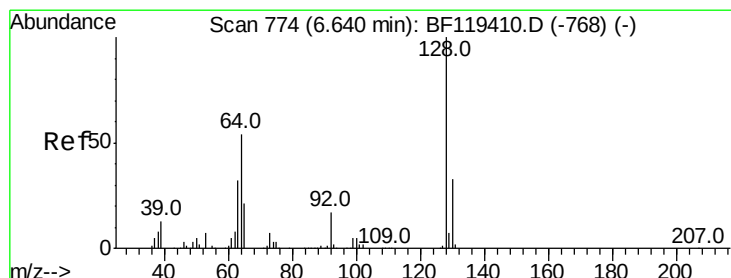
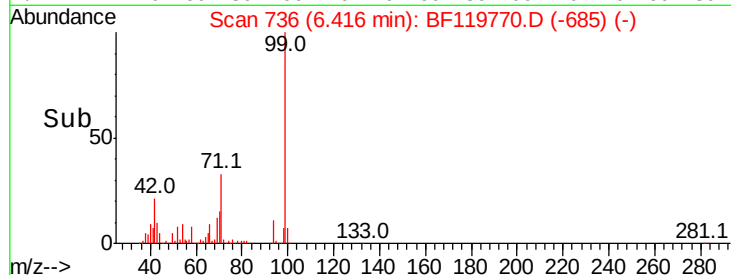
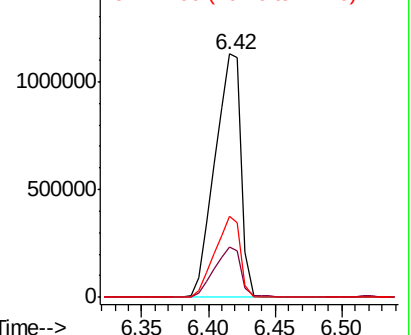


Abundance

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: 51.570 ng

RT: 6.57 min Scan# 762

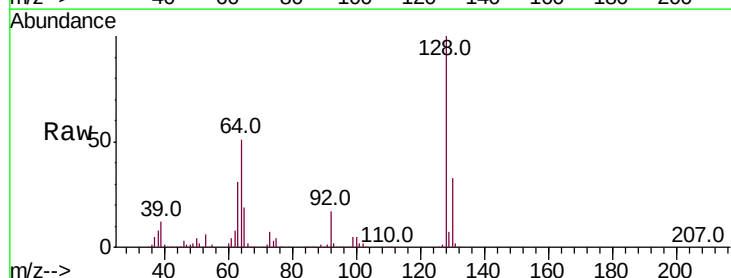
Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Tgt Ion: 128 Resp: 503175

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.6	52.6
64	50.5	35.3	75.3

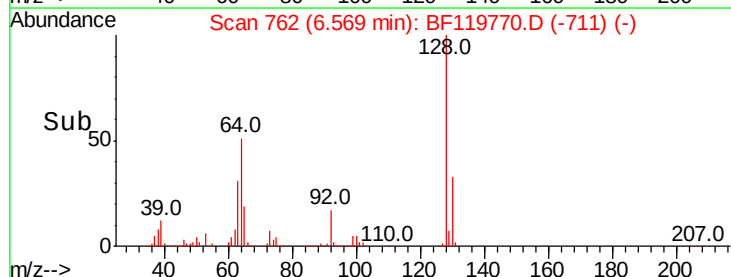
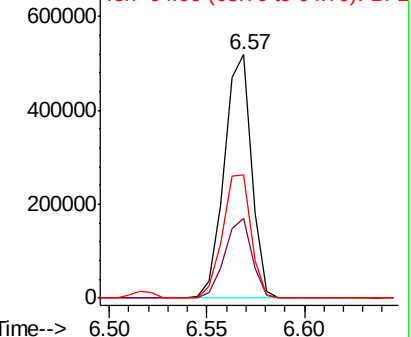


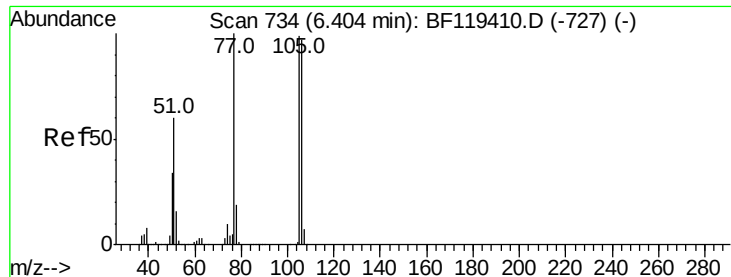
Abundance

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: 32.105 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

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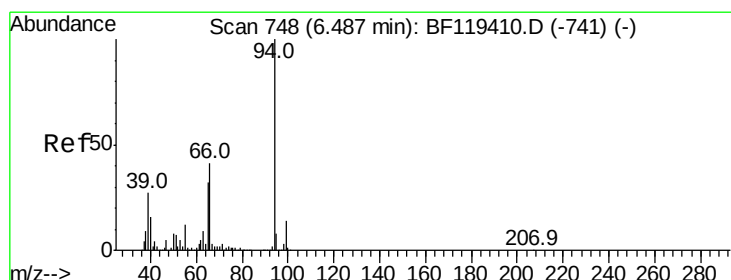
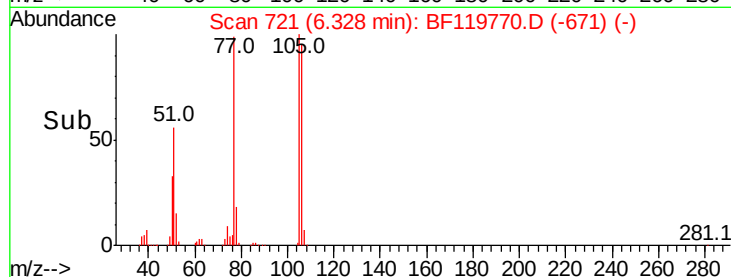
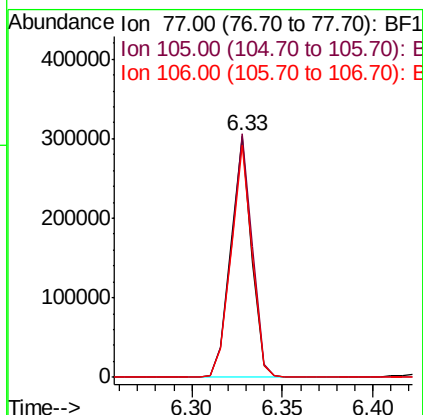
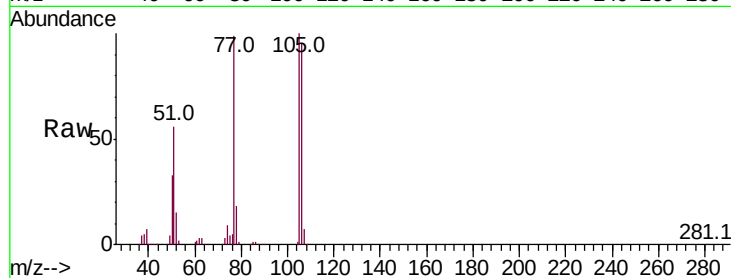
Tot Ion: 77 Resp: 241690

Ion Ratio Lower Upper

77 100

105 100.7 80.9 120.9

106 96.1 77.9 117.9



#10

Phenol

Concen: 48.734 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

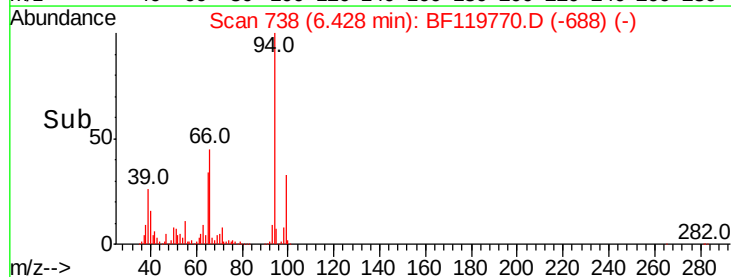
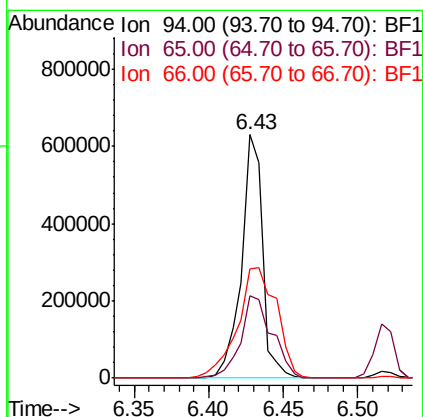
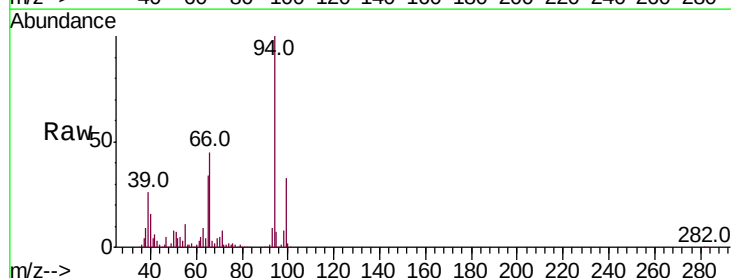
Tgt Ion: 94 Resp: 617095

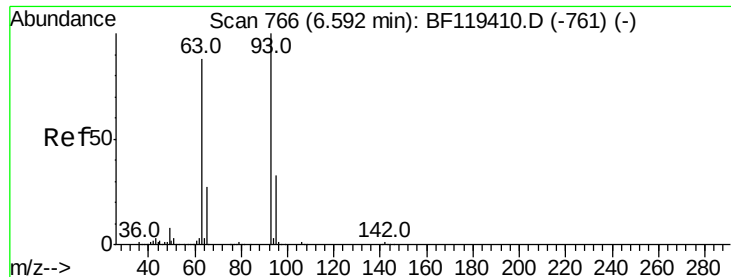
Ion Ratio Lower Upper

94 100

65 34.0 13.2 53.2

66 44.7 22.3 62.3





#11

bis(2-Chloroethyl)ether

Concen: 45.511 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

ClientSampleId :

PB128016BS

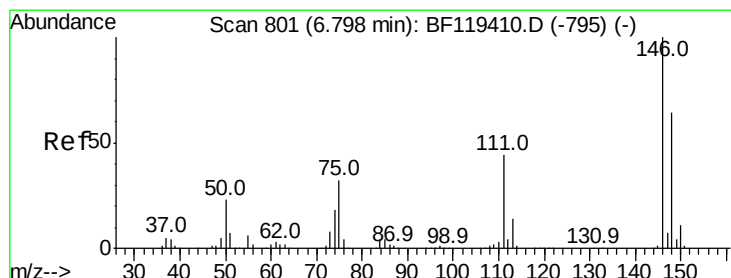
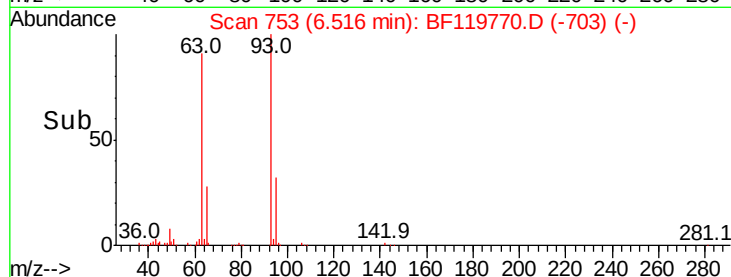
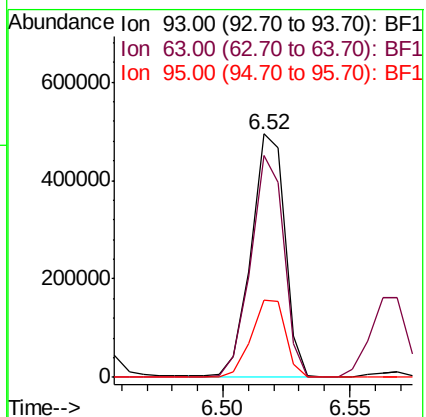
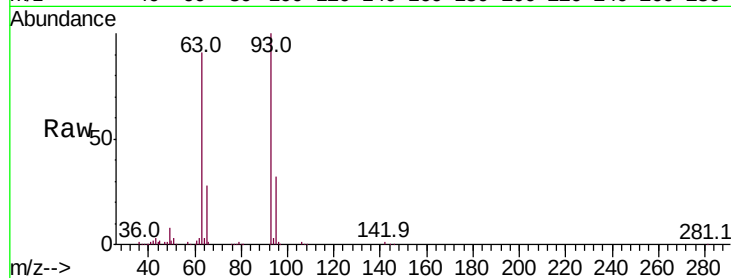
Tot Ion: 93 Resp: 460908

Ion Ratio Lower Upper

93 100

63 91.2 70.2 110.2

95 31.9 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 46.293 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

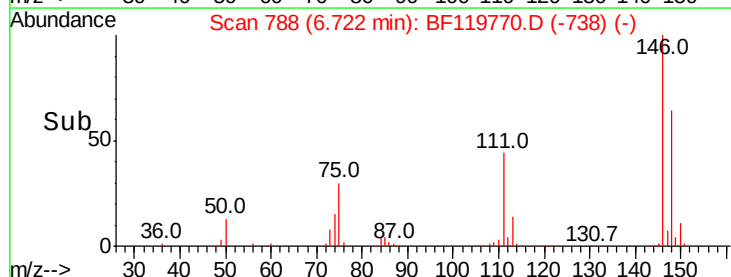
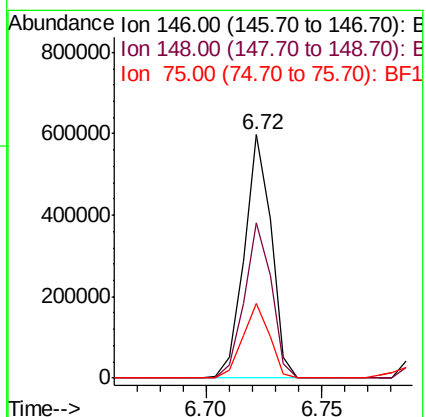
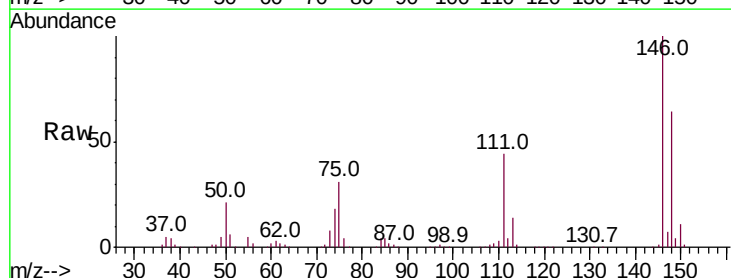
Tgt Ion: 146 Resp: 488858

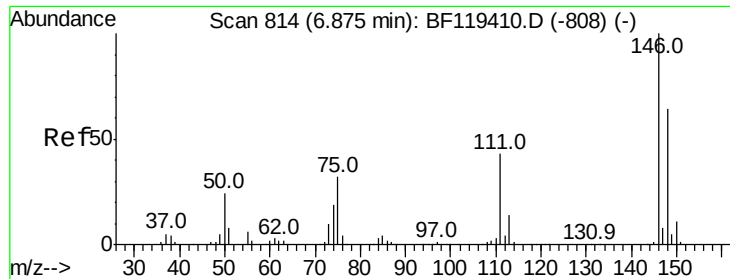
Ion Ratio Lower Upper

146 100

148 63.7 52.2 78.4

75 30.6 23.0 34.4

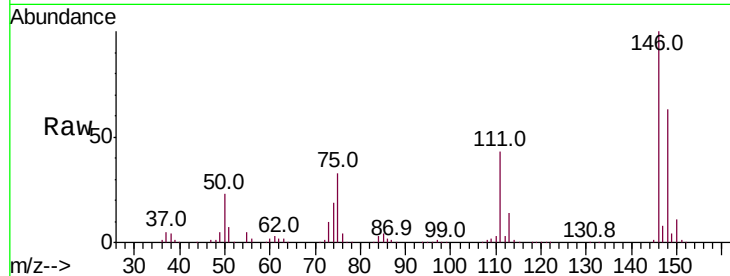




#13
 1,4-Dichlorobenzene
 Concen: 48.428 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128016BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.5	77.3
111	43.1	33.3	49.9

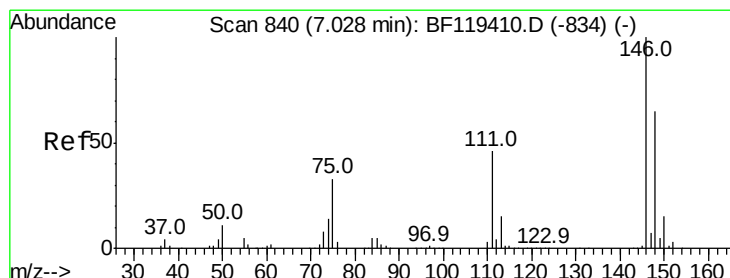
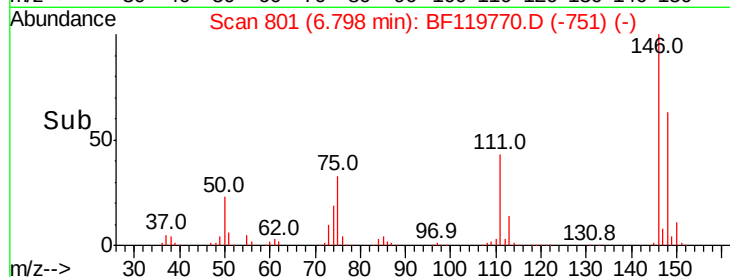
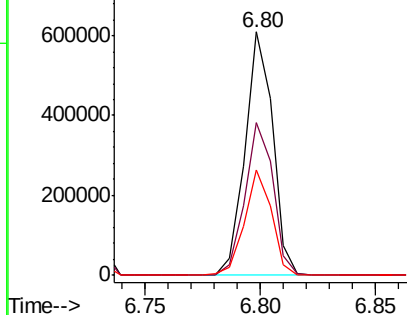


Abundance

Ion 146.00 (145.70 to 146.70): E

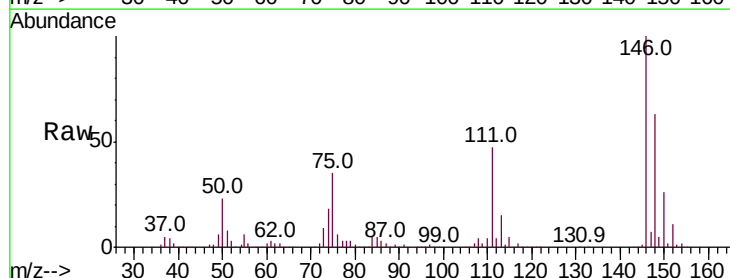
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 47.274 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	75.8
111	46.9	36.1	54.1

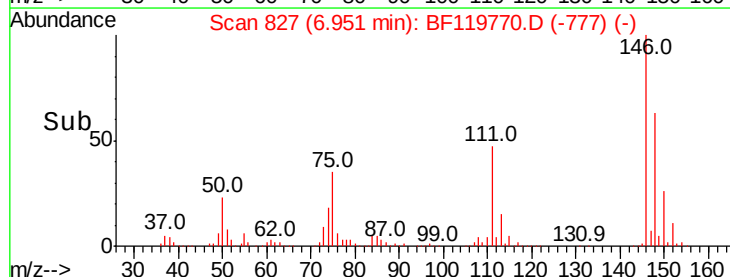
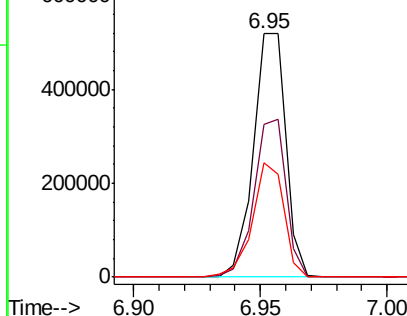


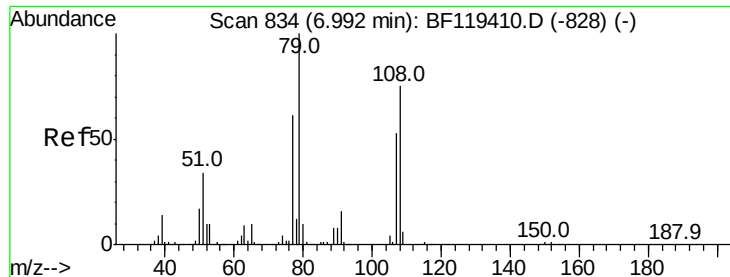
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

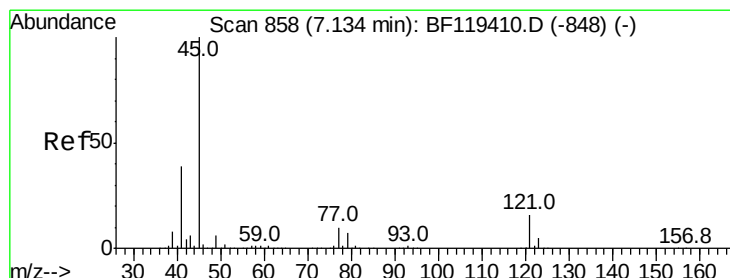
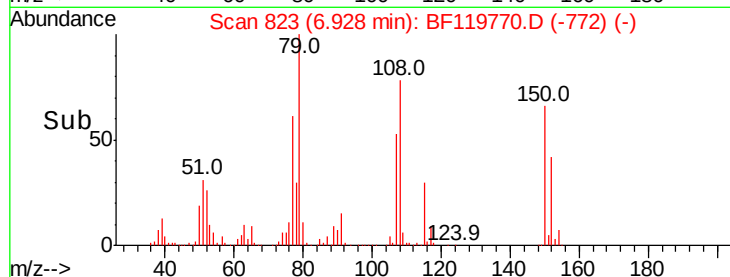
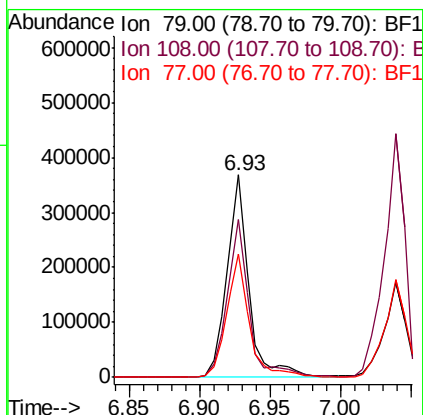
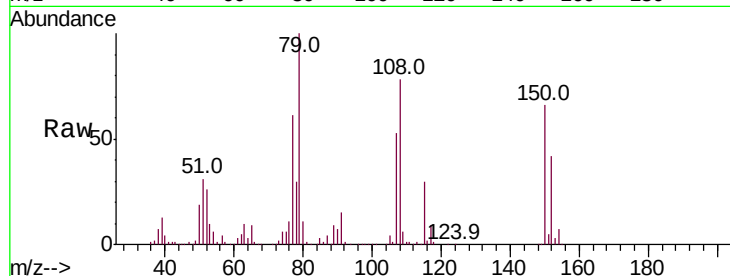




#15
Benzyl Alcohol
Concen: 44.621 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

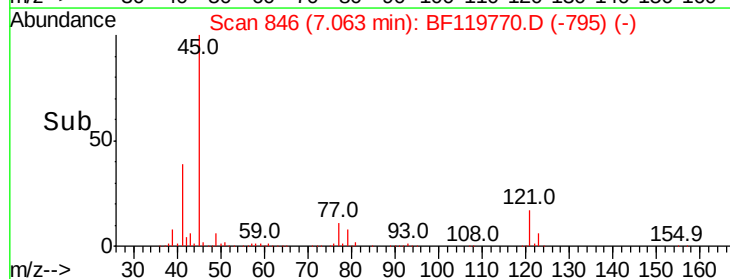
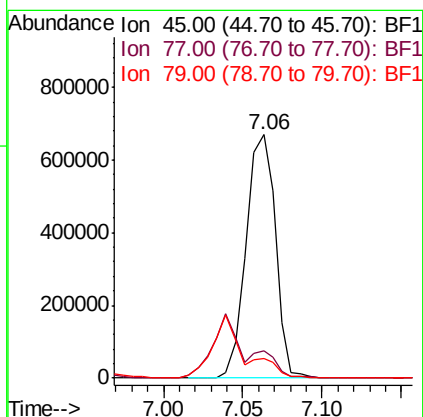
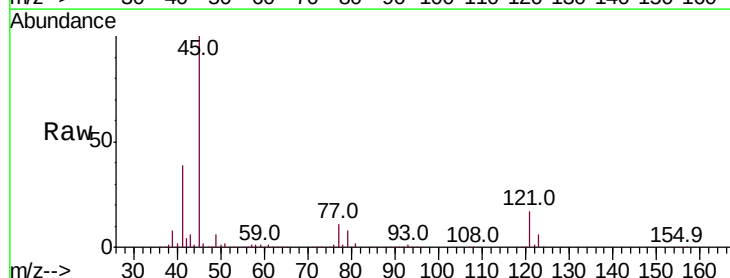
Instrument :
BNA_F
ClientSampleId :
PB128016BS

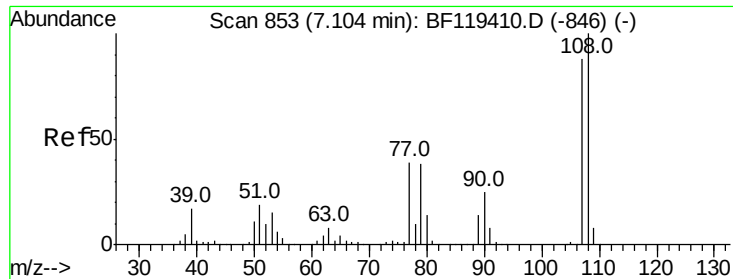
Tot Ion: 79 Resp: 398324
Ion Ratio Lower Upper
79 100
108 78.0 60.6 90.8
77 60.8 50.2 75.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.123 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion: 45 Resp: 860471
Ion Ratio Lower Upper
45 100
77 11.0 0.0 30.7
79 8.3 0.0 28.2

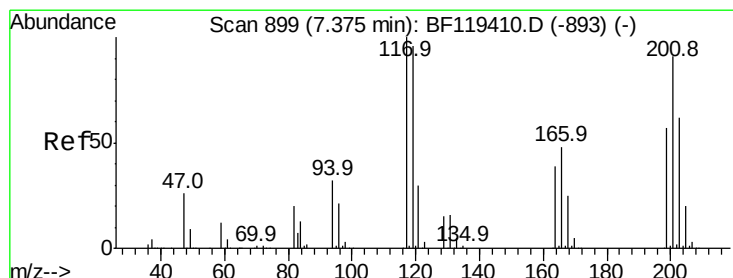
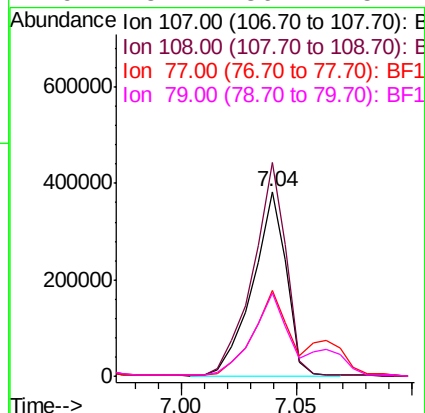
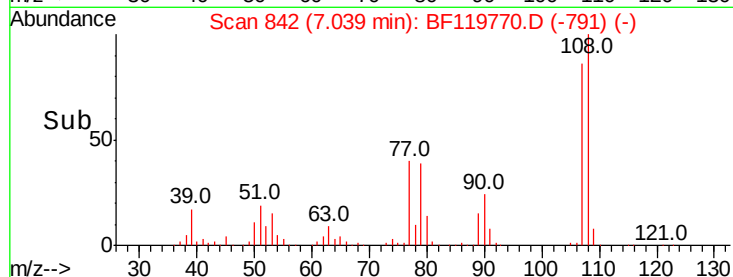
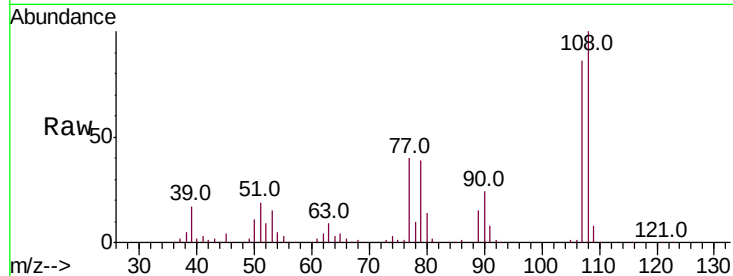




#17
2-Methylphenol
Concen: 43.193 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

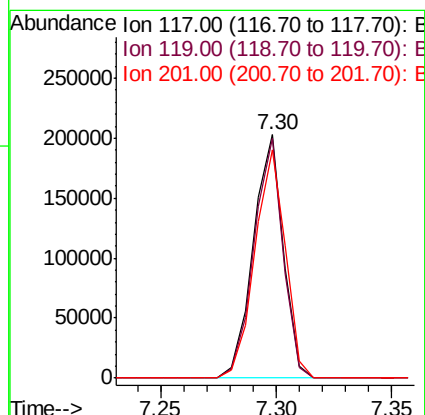
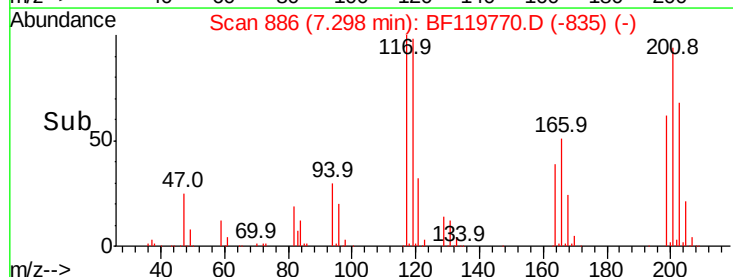
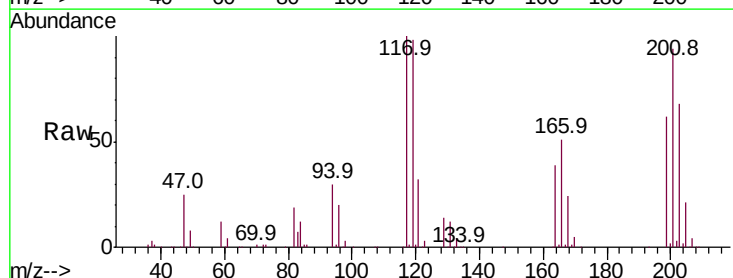
Instrument :
BNA_F
ClientSampleId :
PB128016BS

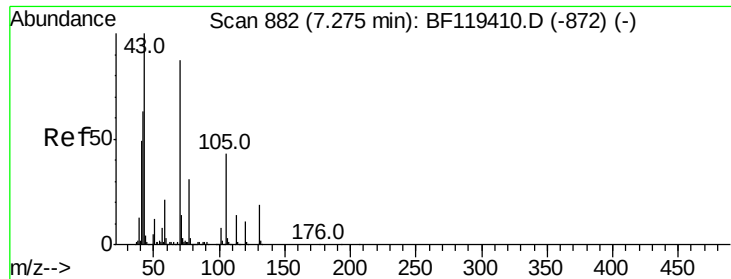
Tot Ion:107 Resp: 386135
Ion Ratio Lower Upper
107 100
108 115.7 92.2 138.4
77 46.2 36.6 54.8
79 45.1 36.2 54.4



#18
Hexachloroethane
Concen: 47.399 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion:117 Resp: 183478
Ion Ratio Lower Upper
117 100
119 98.4 76.1 114.1
201 93.9 73.0 109.6

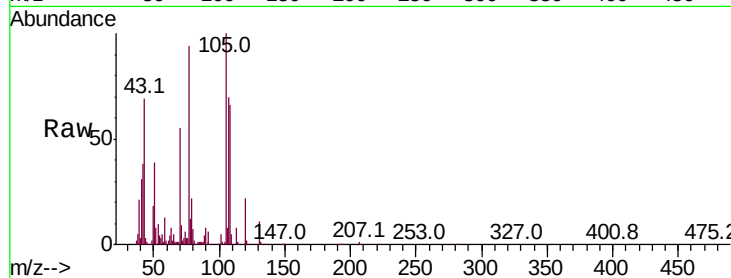




#19
n-Nitroso-di-n-propylamine
Concen: 46.142 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion:	70	Resp:	330053
Ion	Ratio	Lower	Upper
70	100		
42	68.3	54.5	81.7
101	9.5	7.6	11.4
130	20.5	17.6	26.4



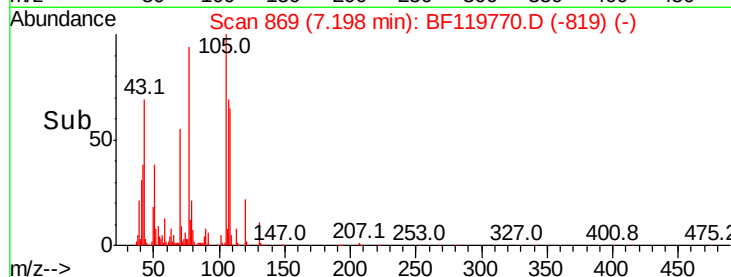
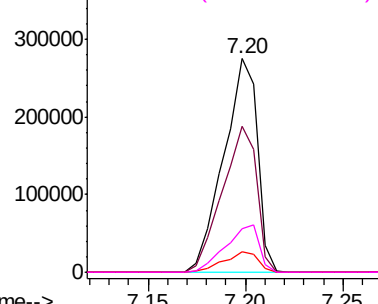
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 45.217 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion:	107	Resp:	495401
Ion	Ratio	Lower	Upper
107	100		
108	86.8	67.9	107.9
77	109.4	52.9	92.9#
79	28.8	7.7	47.7

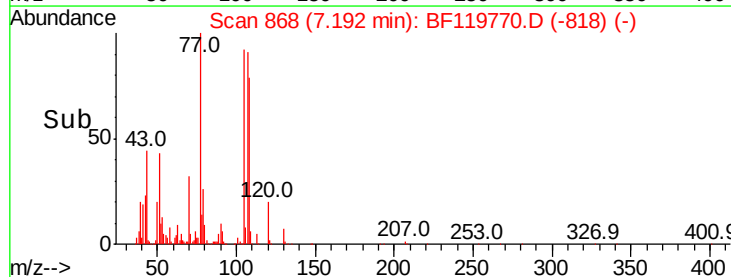
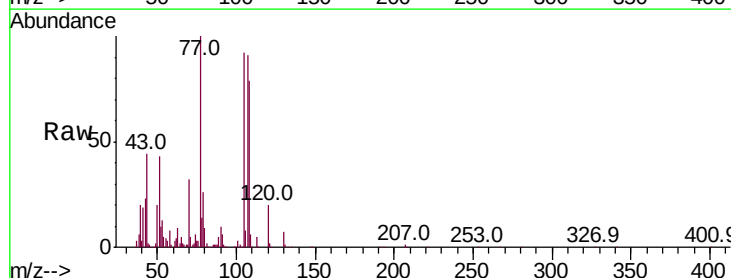
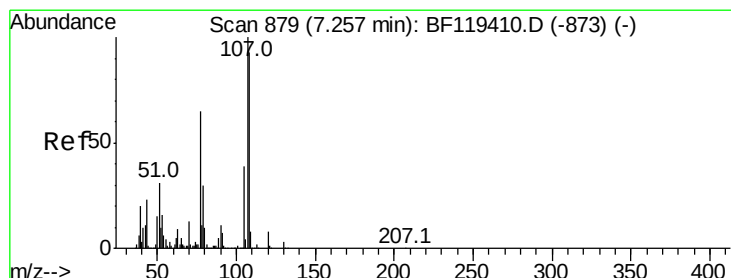
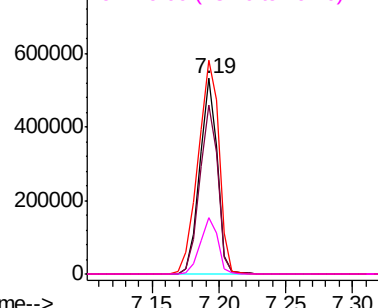
Abundance

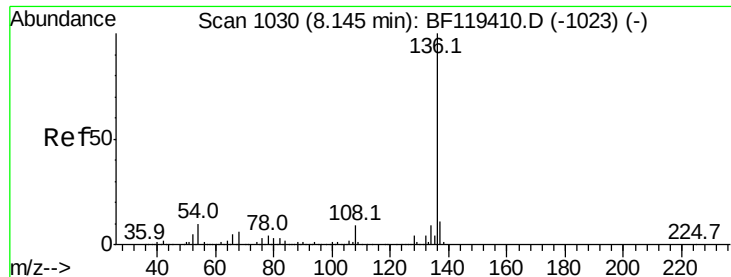
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

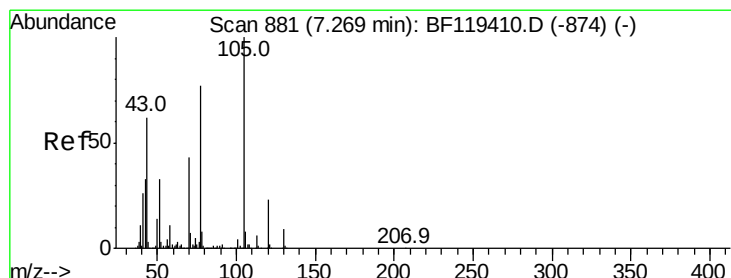
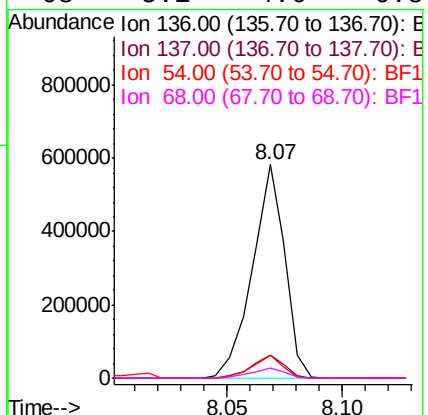
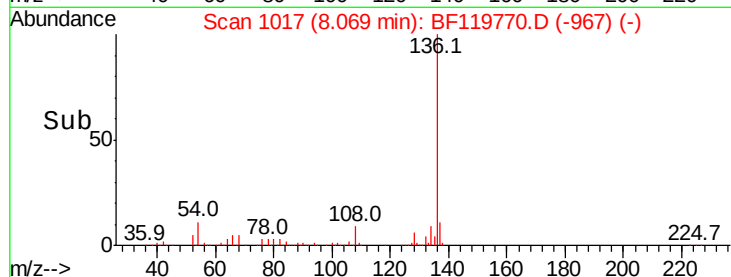
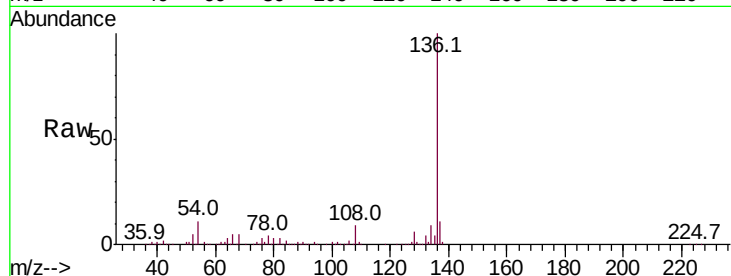




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

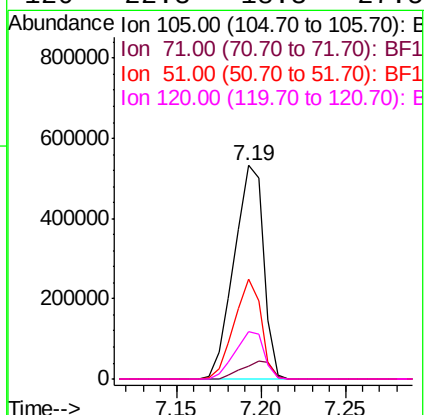
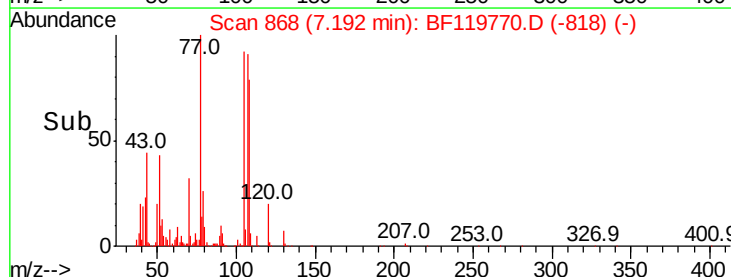
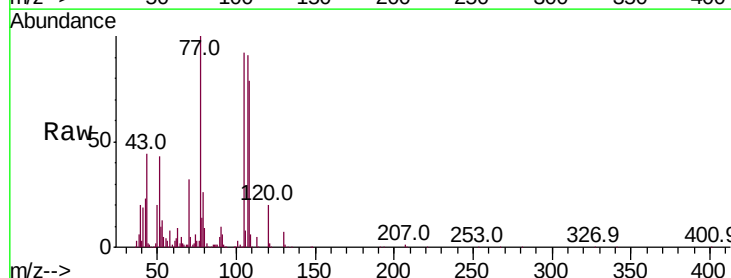
Instrument :
BNA_F
ClientSampleId :
PB128016BS

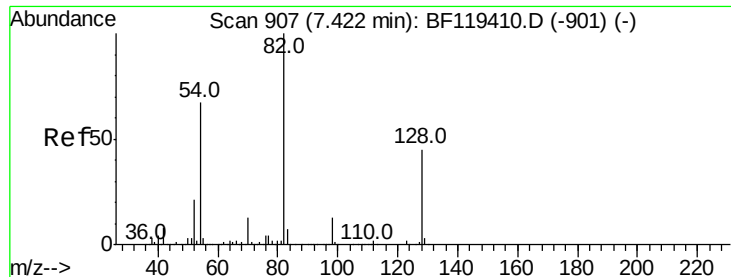
Tot Ion:	136	Resp:	570342
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.9	9.1	13.7
68	5.1	4.6	6.8



#22
Acetophenone
Concen: 47.650 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion:	105	Resp:	649382
Ion	Ratio	Lower	Upper
105	100		
71	5.9	5.7	8.5
51	46.8	26.2	39.4
120	22.3	18.3	27.5

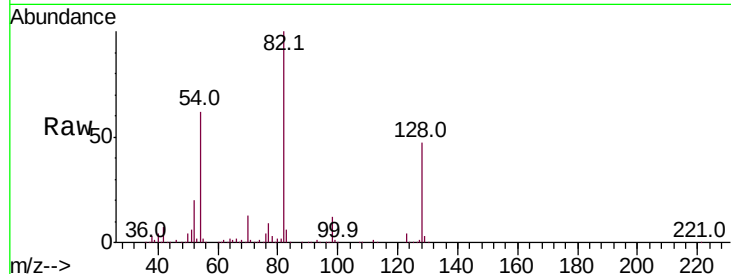




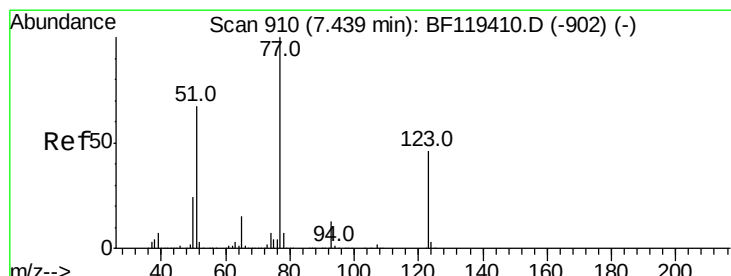
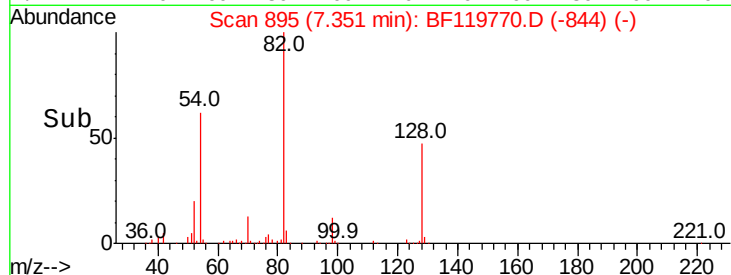
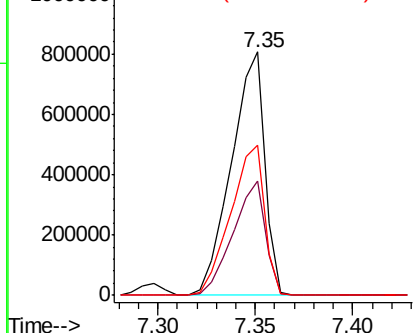
#23
 Nitrobenzene-d5
 Concen: 90.729 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128016BS

Tot Ion: 82 Resp: 952136
 Ion Ratio Lower Upper
 82 100
 128 47.1 36.3 54.5
 54 61.7 50.6 75.8

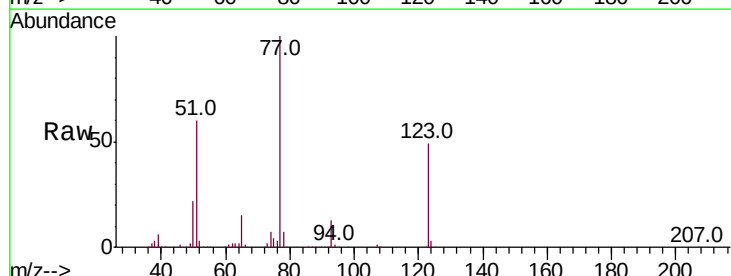


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

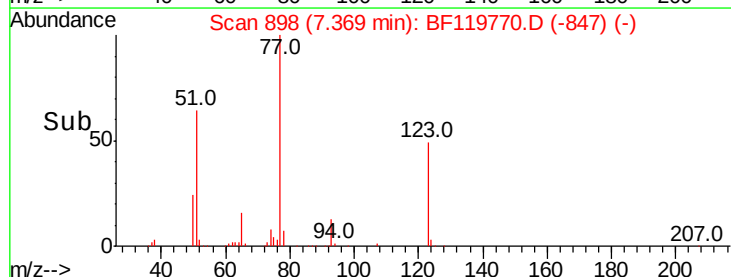
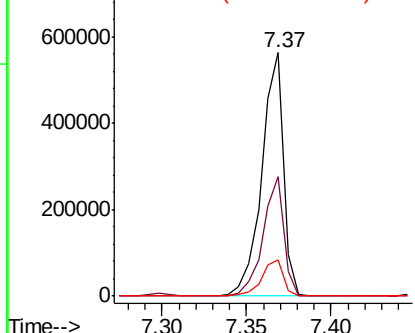


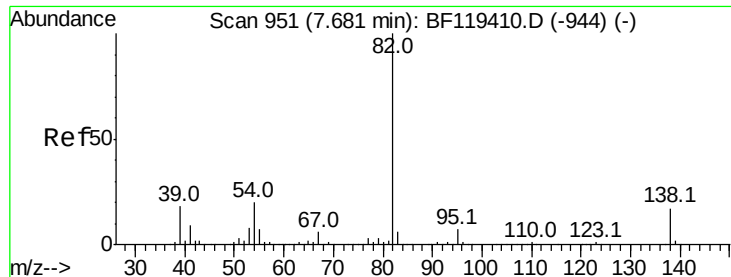
#24
 Nitrobenzene
 Concen: 44.695 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Tgt Ion: 77 Resp: 501257
 Ion Ratio Lower Upper
 77 100
 123 49.2 38.0 57.0
 65 14.8 12.6 18.8



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: 43.119 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

ClientSampleId :

PB128016BS

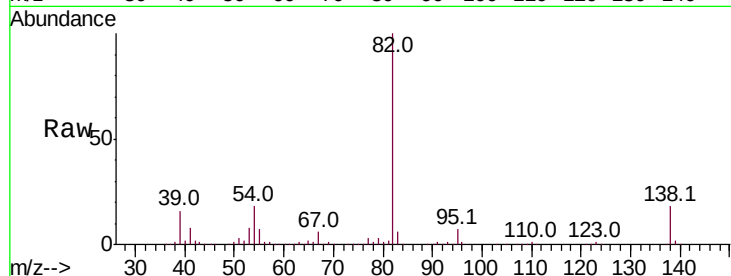
Tot Ion: 82 Resp: 917915

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

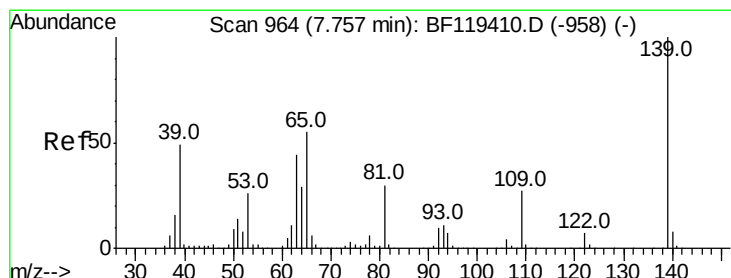
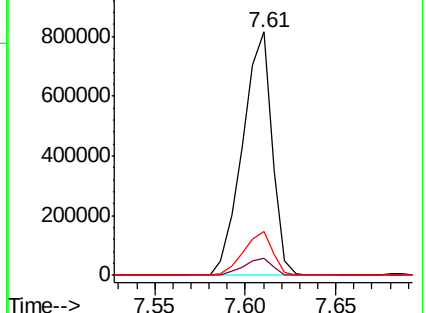
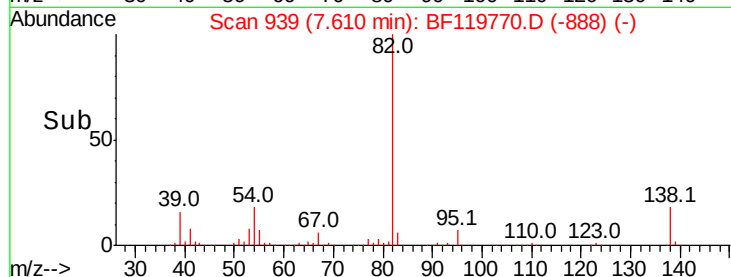
138 18.3 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 60.592 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

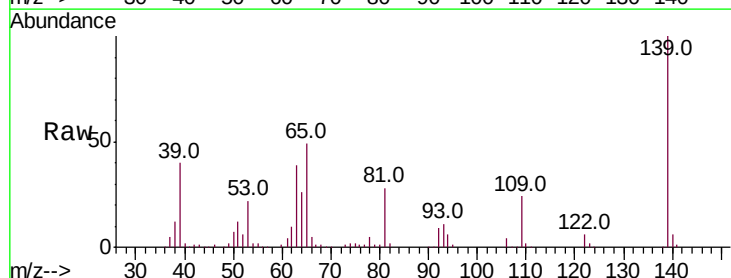
Tgt Ion: 139 Resp: 267562

Ion Ratio Lower Upper

139 100

109 23.6 22.1 33.1

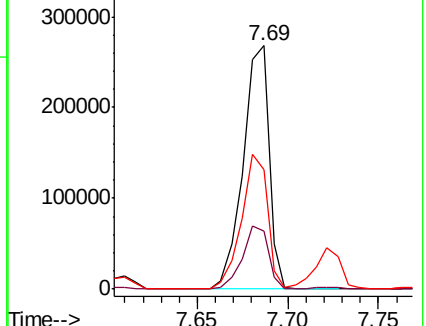
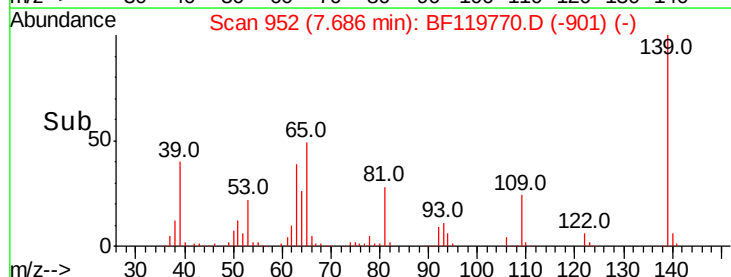
65 49.2 49.2 73.8#

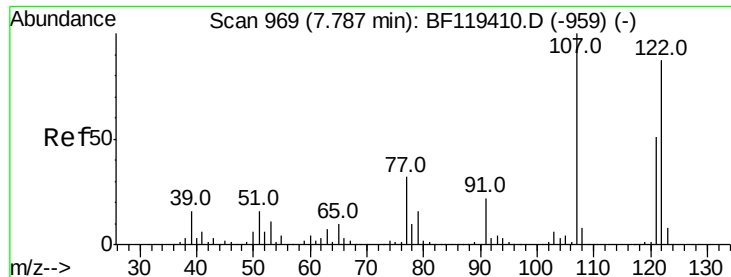


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

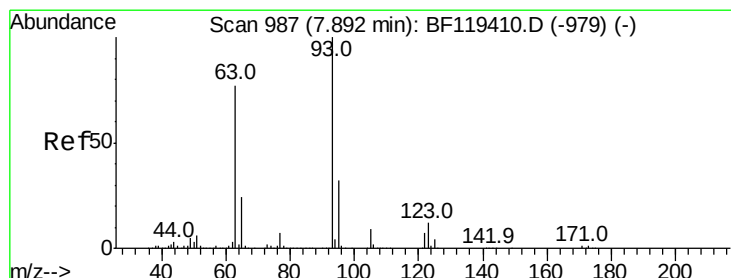
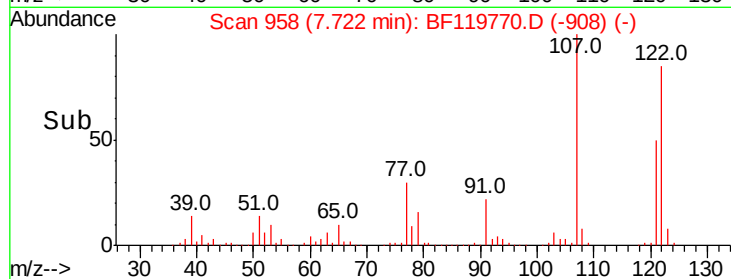
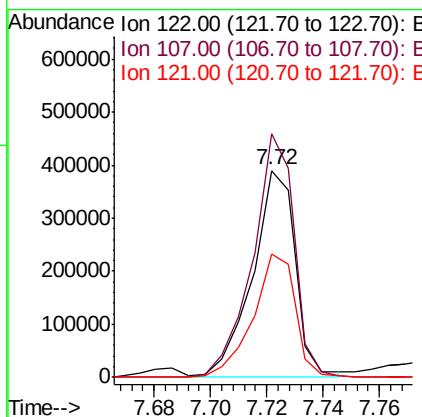
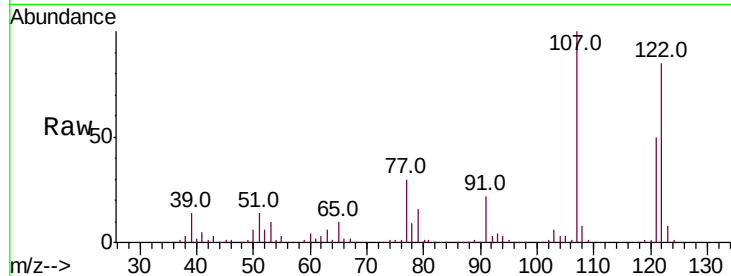




#27
 2,4-Dimethylphenol
 Concen: 44.975 ng
 RT: 7.72 min Scan# 958
 Delta R.T. -0.01 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

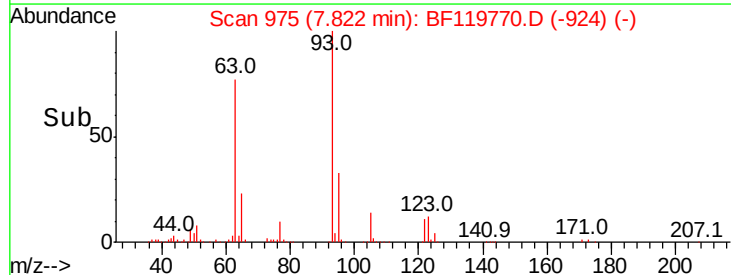
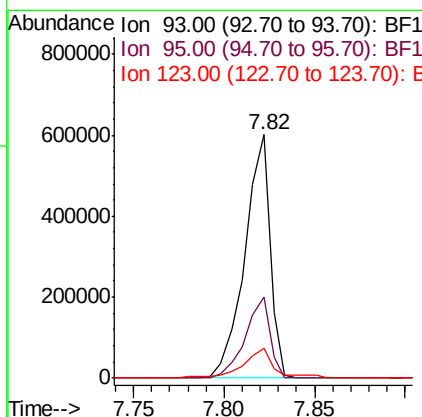
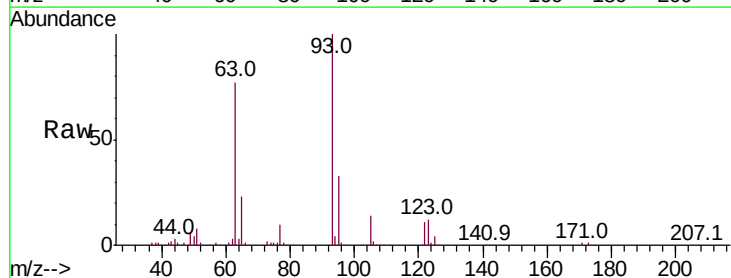
Instrument :
 BNA_F
 ClientSampleId :
 PB128016BS

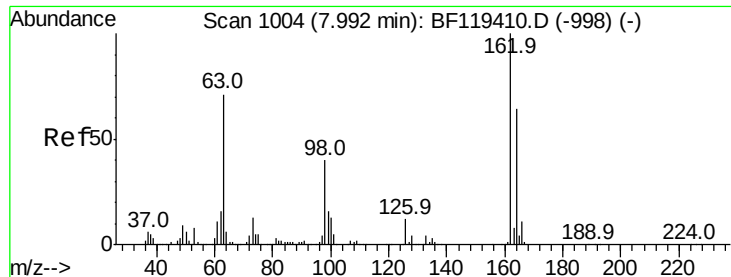
Tot Ion:122 Resp: 410659
 Ion Ratio Lower Upper
 122 100
 107 117.9 89.0 133.6
 121 59.5 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.283 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Tgt Ion: 93 Resp: 582618
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.3 39.5
 123 12.2 9.7 14.5

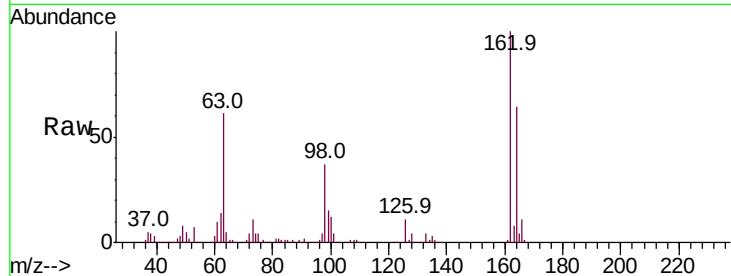




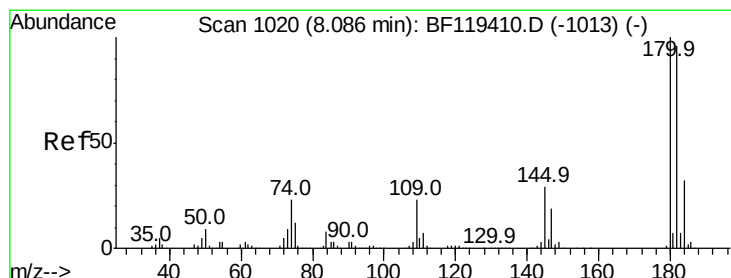
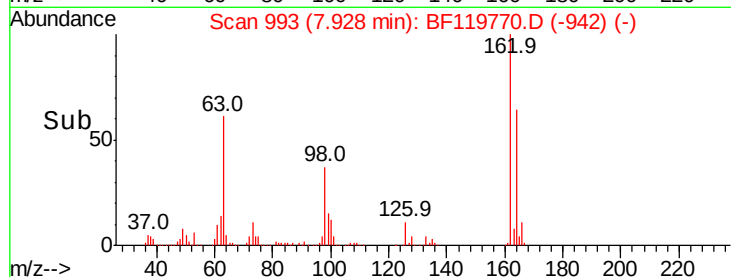
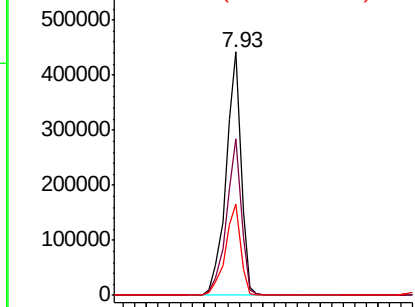
#29
2,4-Dichlorophenol
Concen: 47.790 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion:162 Resp: 400944
Ion Ratio Lower Upper
162 100
164 64.3 44.7 84.7
98 37.4 20.7 60.7

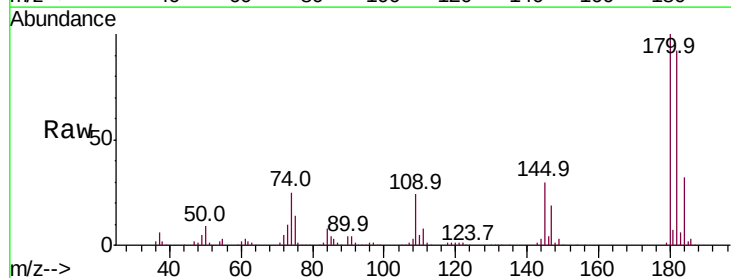


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

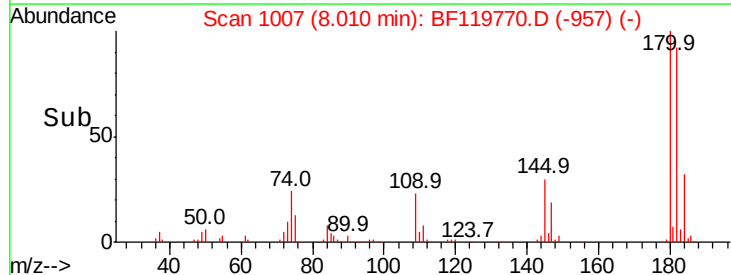
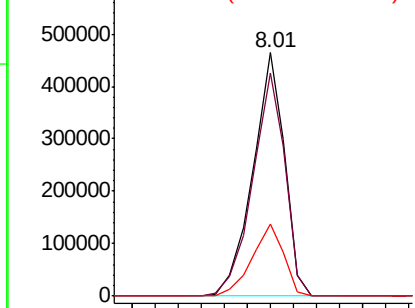


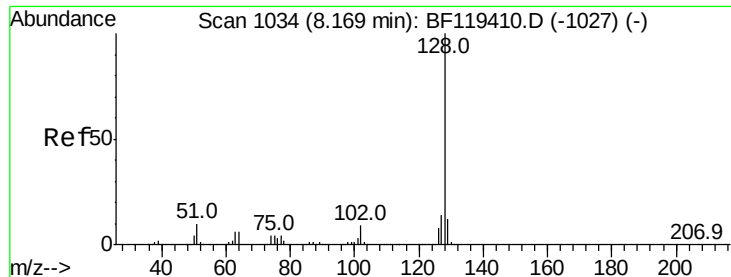
#30
1,2,4-Trichlorobenzene
Concen: 47.826 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion:180 Resp: 443739
Ion Ratio Lower Upper
180 100
182 91.7 74.7 112.1
145 29.8 24.5 36.7



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

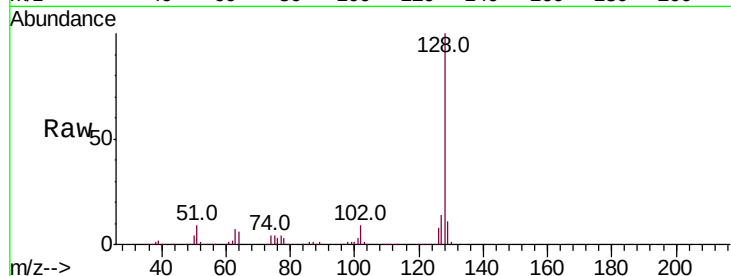




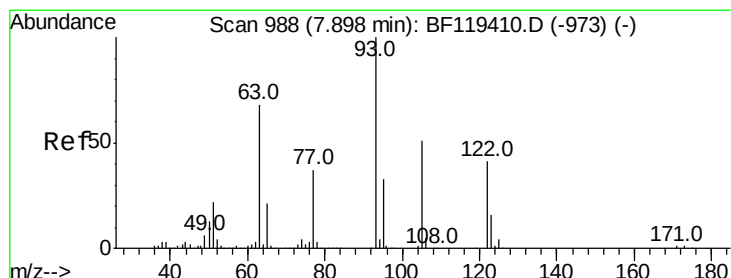
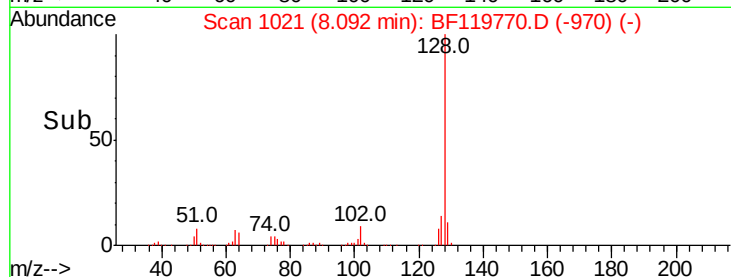
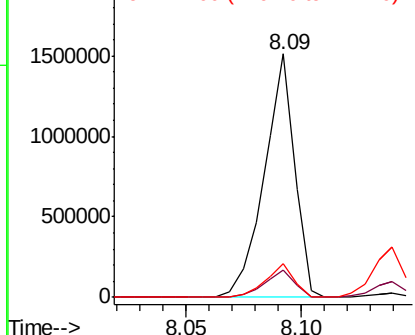
#31
Naphthalene
Concen: 46.982 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion:128 Resp: 1378932
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.7 11.3 16.9

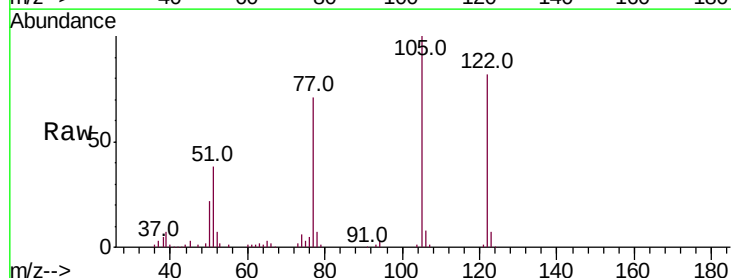


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

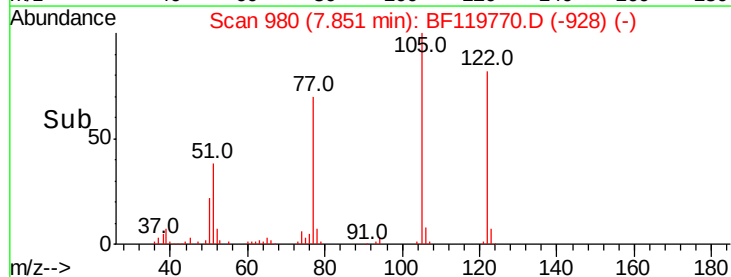
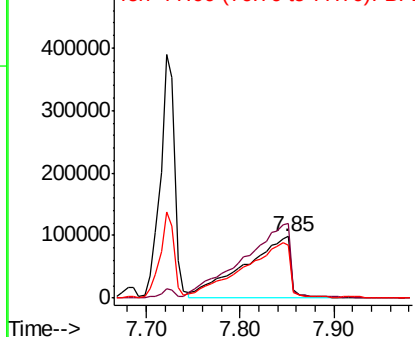


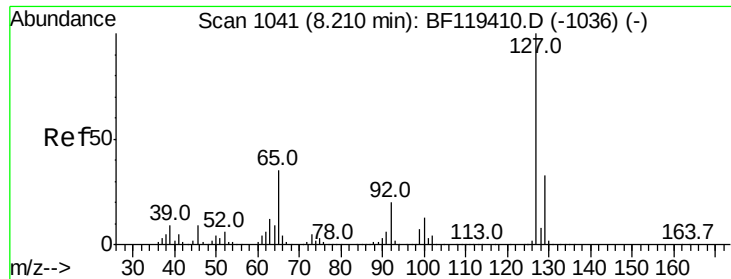
#32
Benzoic acid
Concen: 57.049 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion:122 Resp: 335074
Ion Ratio Lower Upper
122 100
105 122.6 104.9 144.9
77 86.8 74.4 114.4



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

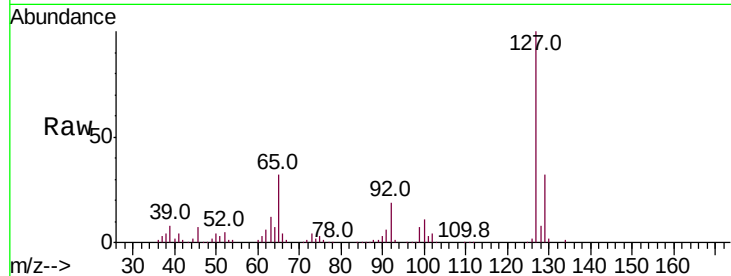




#33
4-Chloroaniline
Concen: 22.088 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion:	127	Resp:	297062
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	32.2	27.4	41.0
92	18.6	15.3	22.9



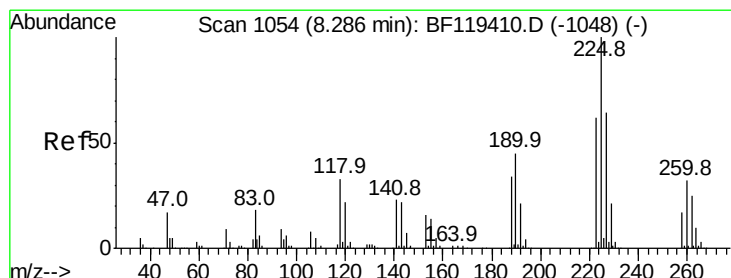
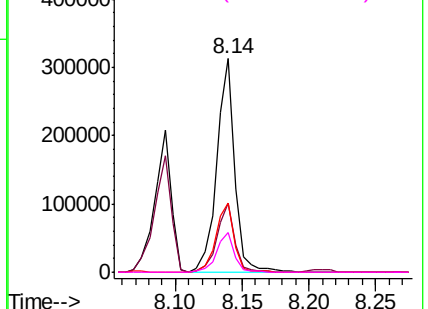
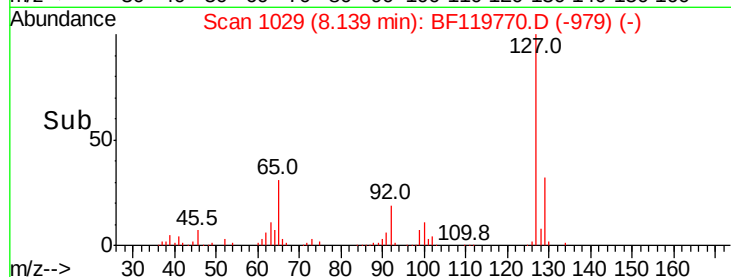
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

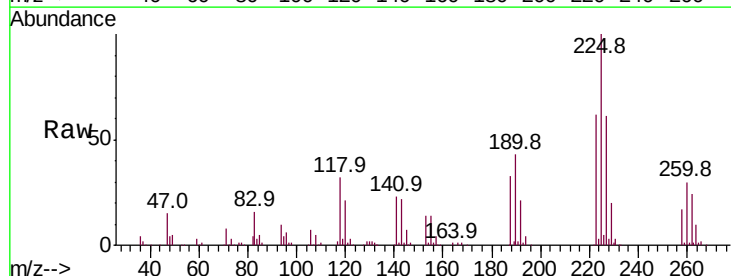
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 47.532 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion:	225	Resp:	246750
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.0	76.6
227	61.3	50.7	76.1

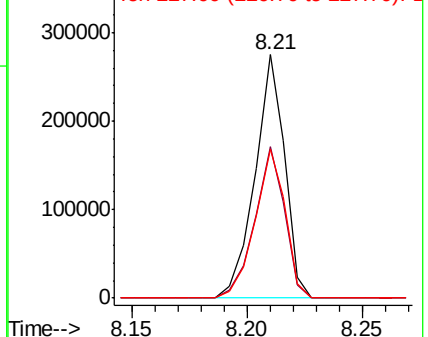
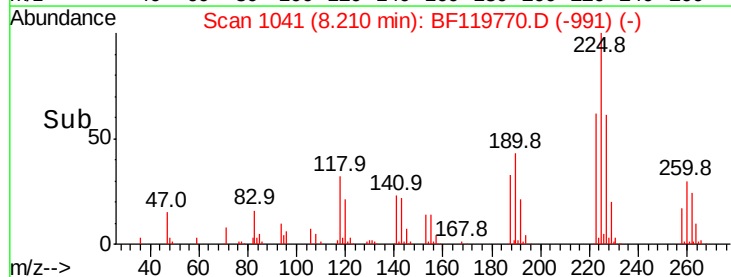


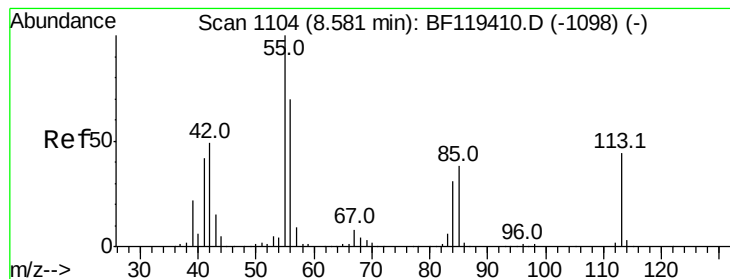
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.255 ng

RT: 8.50 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

ClientSampleId :

PB128016BS

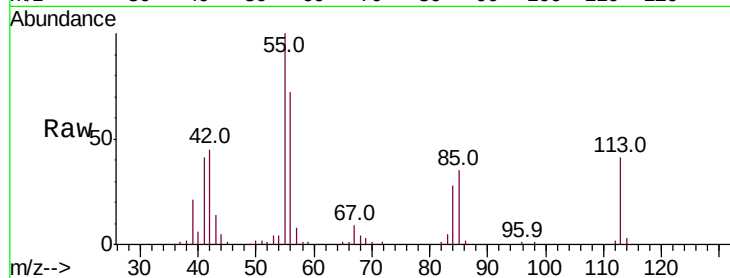
Tot Ion:113 Resp: 69344

Ion Ratio Lower Upper

113 100

55 246.1 218.4 258.4

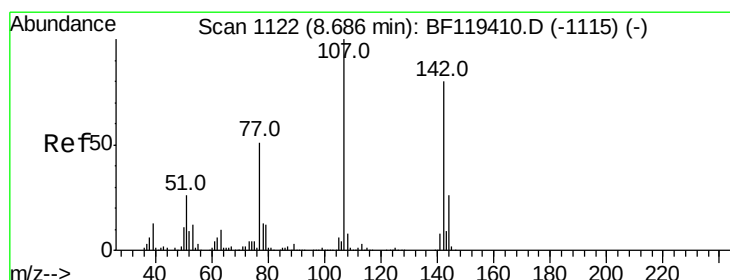
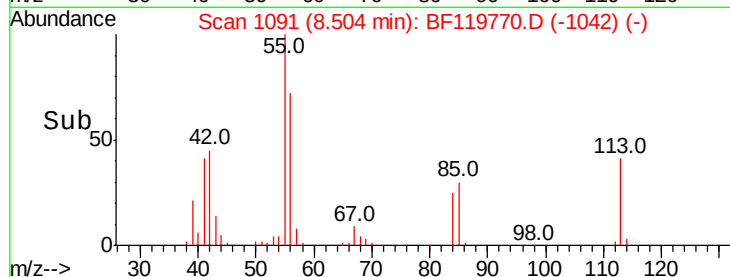
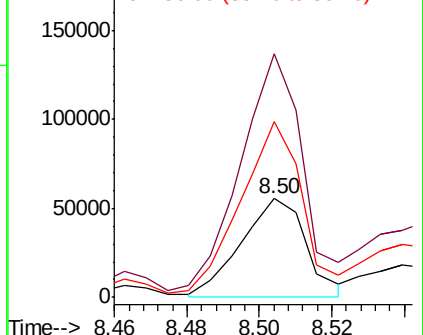
56 177.1 148.9 188.9



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: 47.695 ng

RT: 8.63 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

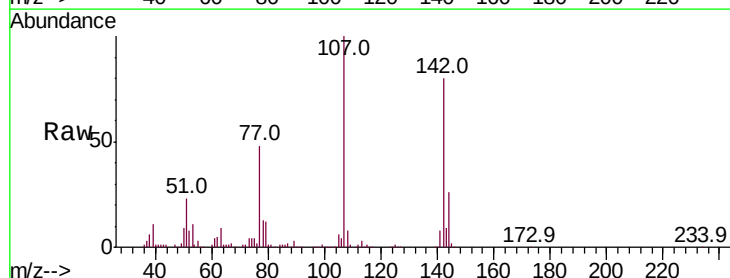
Tgt Ion:107 Resp: 437351

Ion Ratio Lower Upper

107 100

144 26.1 21.0 31.6

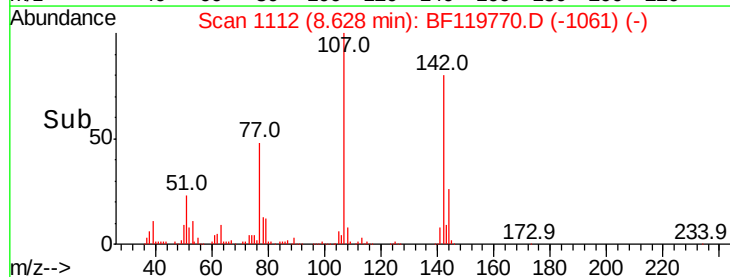
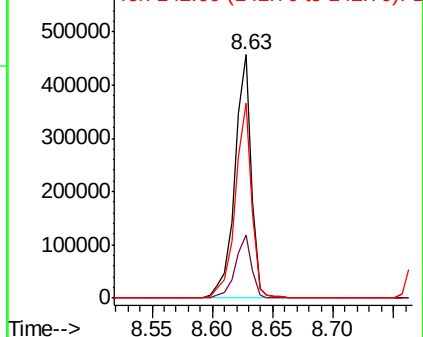
142 80.2 64.4 96.6

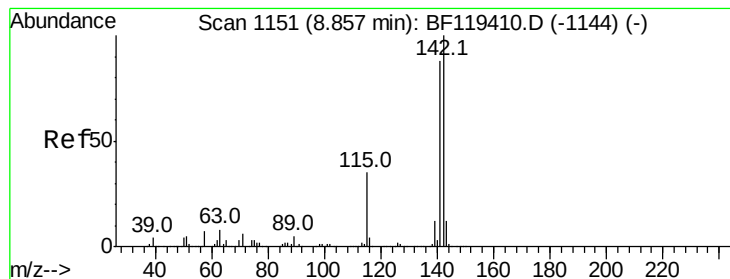


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.682 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

ClientSampleId :

PB128016BS

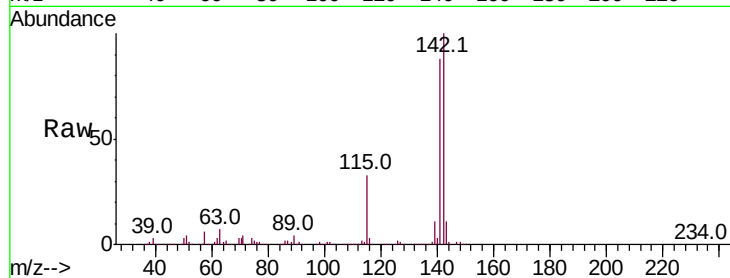
Tot Ion:142 Resp: 918472

Ion Ratio Lower Upper

142 100

141 88.2 71.7 107.5

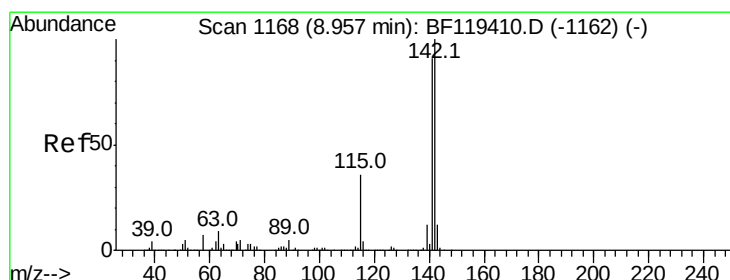
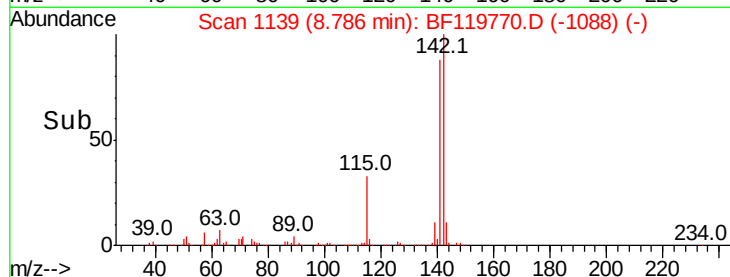
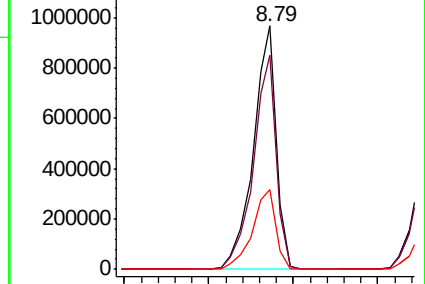
115 33.0 27.9 41.9



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: 47.275 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

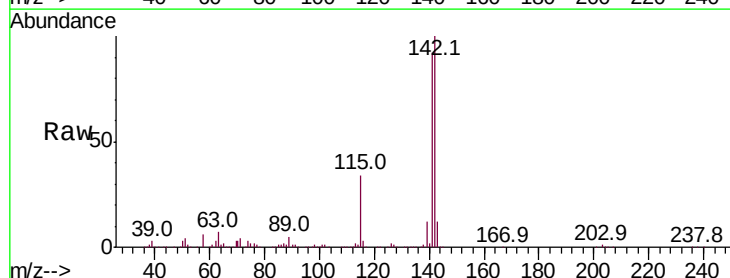
Tgt Ion:142 Resp: 861922

Ion Ratio Lower Upper

142 100

141 91.8 73.7 110.5

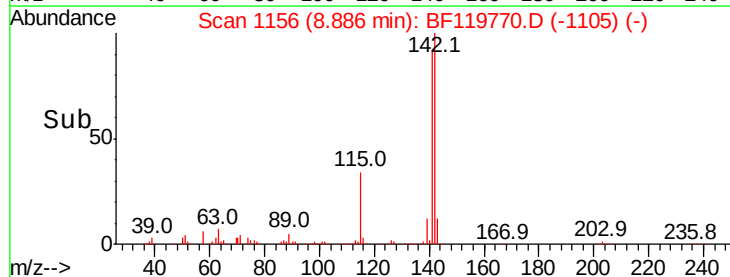
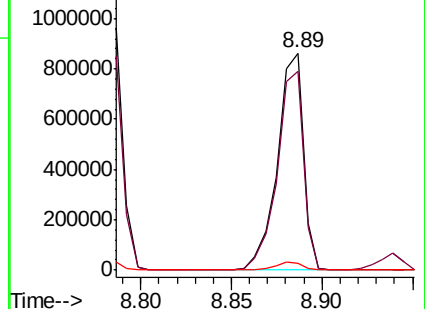
116 3.3 3.0 4.6

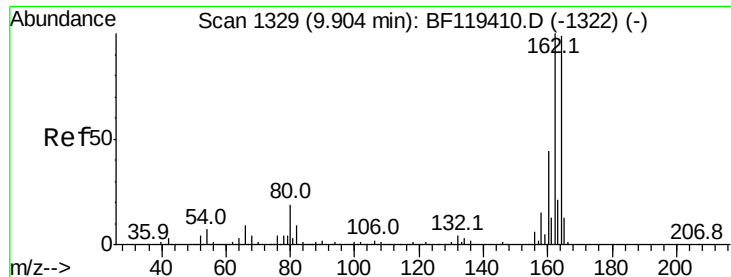


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

ClientSampleId :

PB128016BS

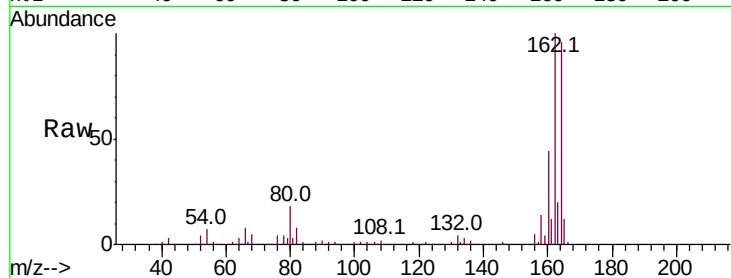
Tot Ion:164 Resp: 292349

Ion Ratio Lower Upper

164 100

162 104.7 80.6 121.0

160 45.7 35.7 53.5

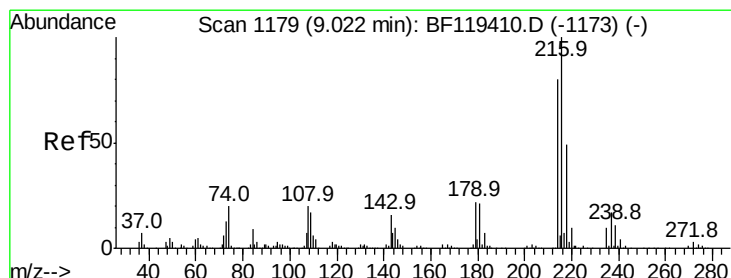
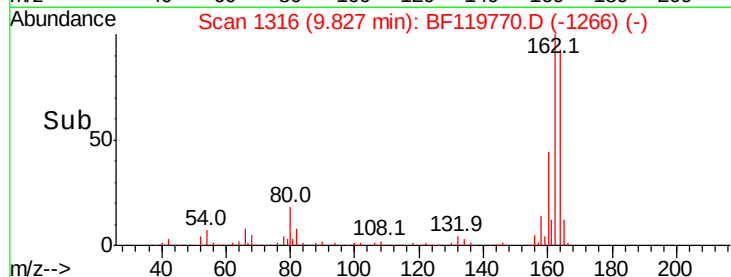
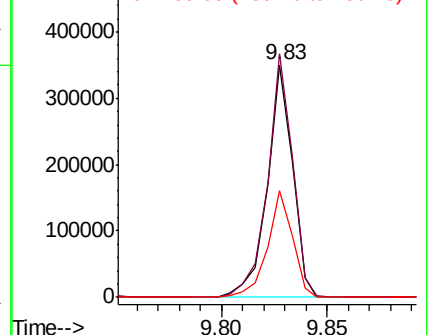


Abundance

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: 47.817 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Tgt Ion:216 Resp: 409747

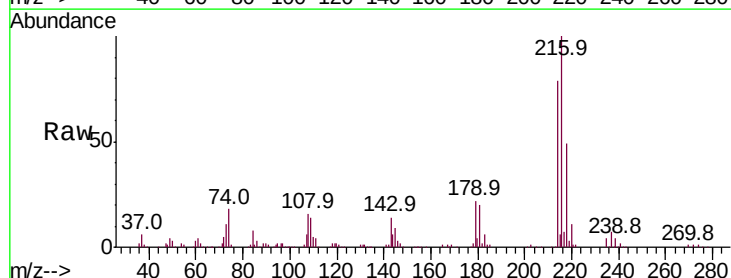
Ion Ratio Lower Upper

216 100

214 79.2 63.2 94.8

179 20.9 17.1 25.7

108 19.7 15.1 22.7



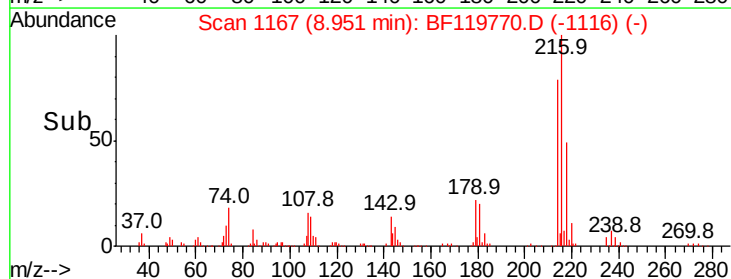
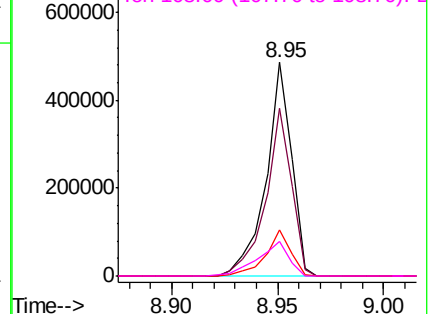
Abundance

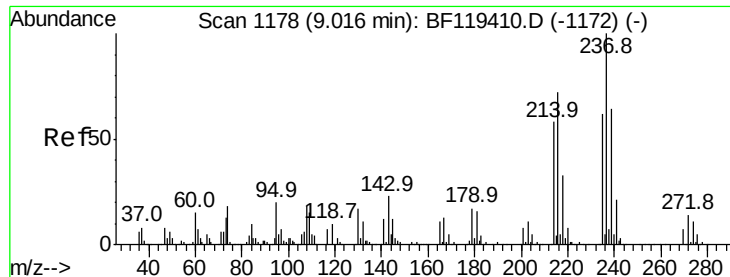
Ion 216.00 (215.70 to 216.70): E

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: 103.899 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

ClientSampleId :

PB128016BS

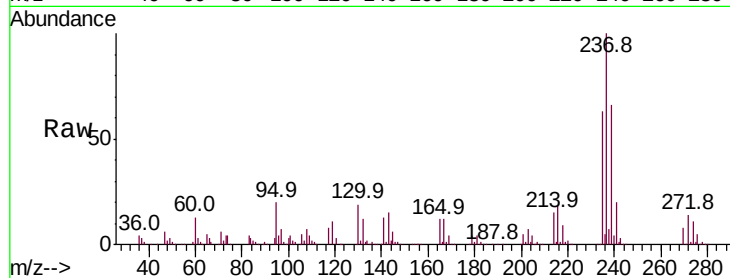
Tot Ion:237 Resp: 506154

Ion Ratio Lower Upper

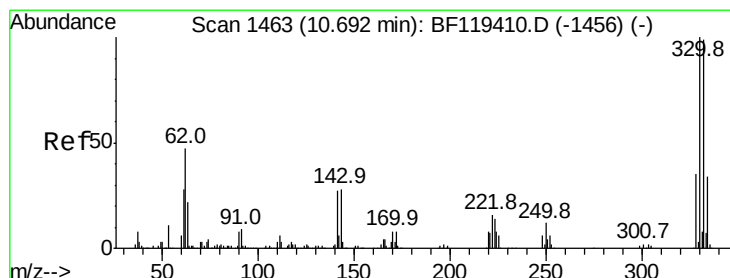
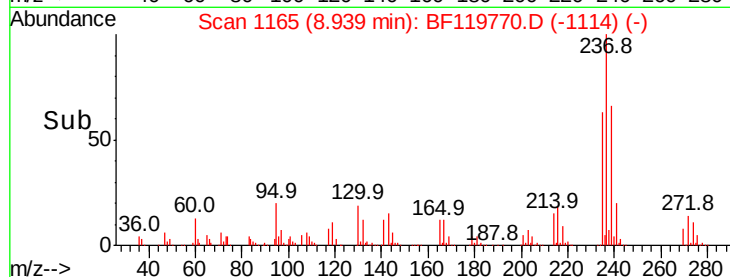
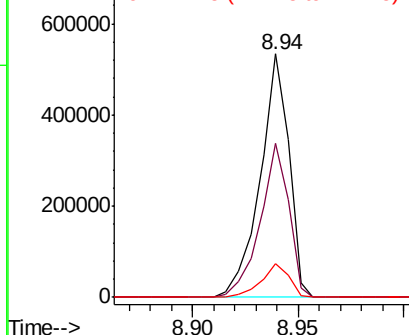
237 100

235 63.3 43.2 83.2

272 13.7 0.0 34.1



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: 155.271 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

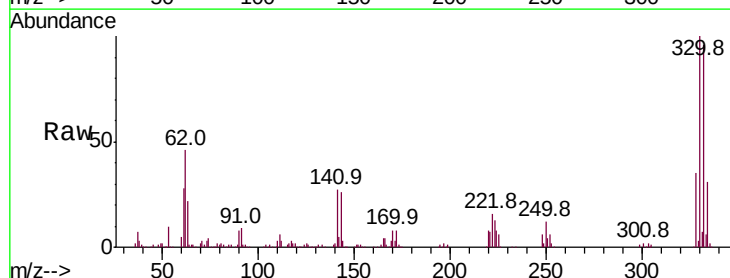
Tgt Ion:330 Resp: 468306

Ion Ratio Lower Upper

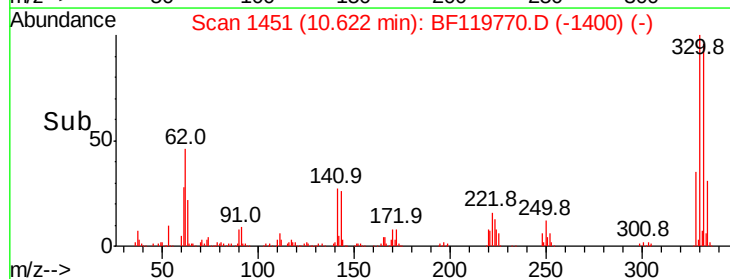
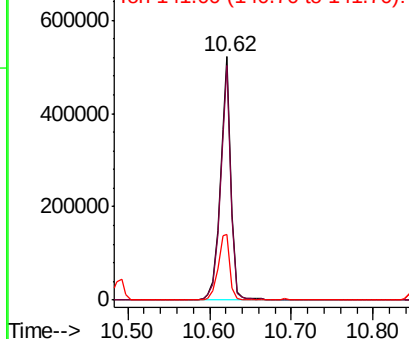
330 100

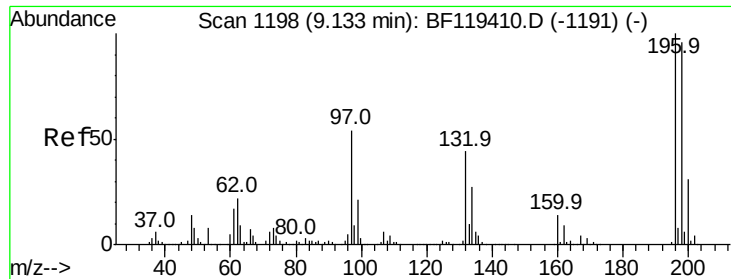
332 95.7 75.7 113.5

141 30.8 25.4 38.0



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

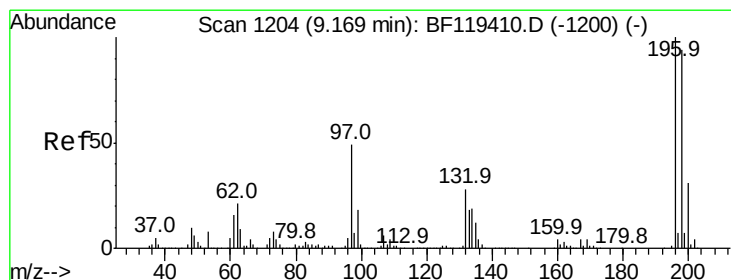
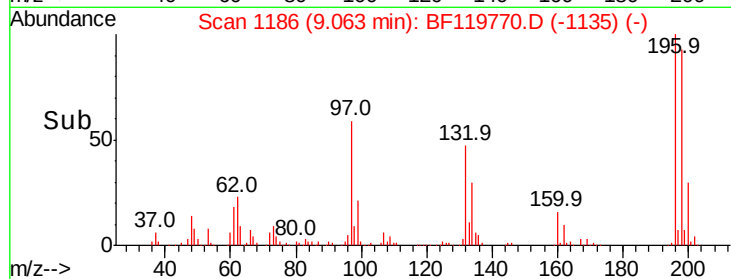
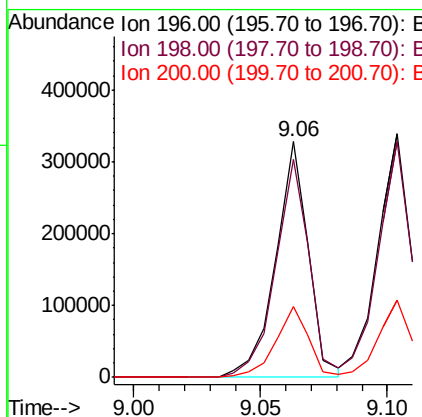
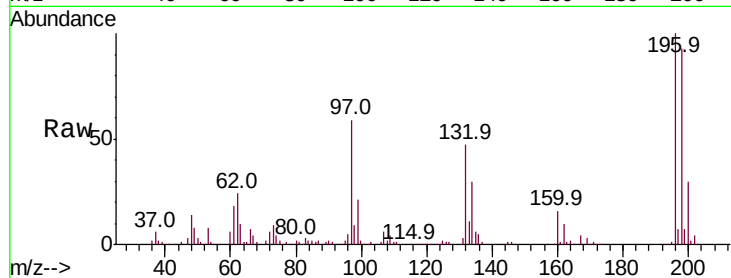




#43
 2,4,6-Trichlorophenol
 Concen: 48.204 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

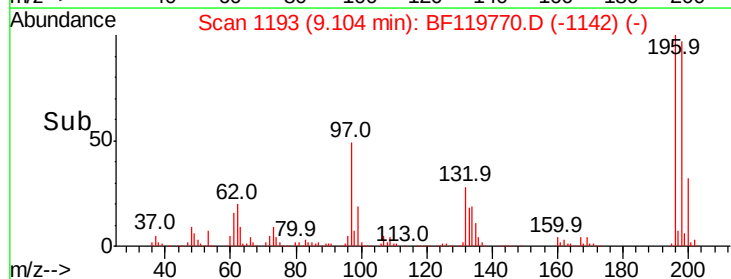
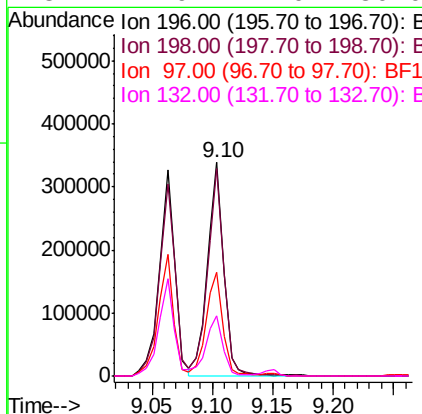
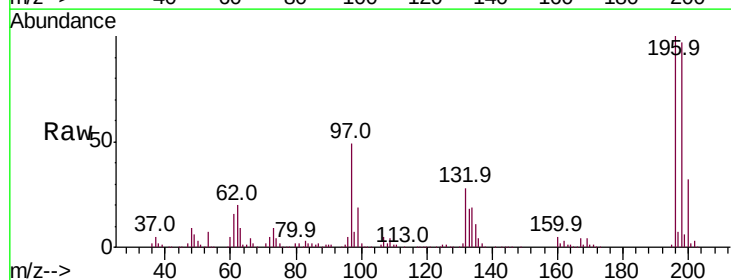
Instrument :
 BNA_F
 ClientSampleId :
 PB128016BS

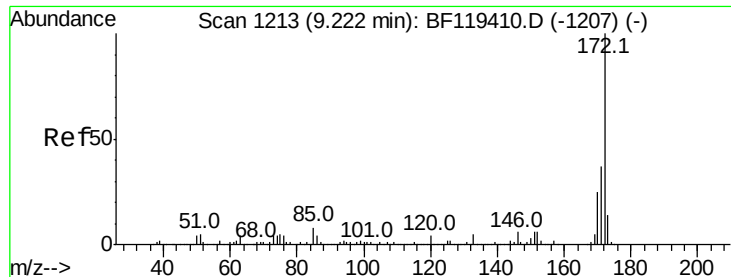
Tot Ion:196 Resp: 295592
 Ion Ratio Lower Upper
 196 100
 198 92.8 76.6 115.0
 200 30.2 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 46.297 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Tgt Ion:196 Resp: 318031
 Ion Ratio Lower Upper
 196 100
 198 97.1 73.8 110.8
 97 48.5 42.6 63.8
 132 27.9 24.0 36.0

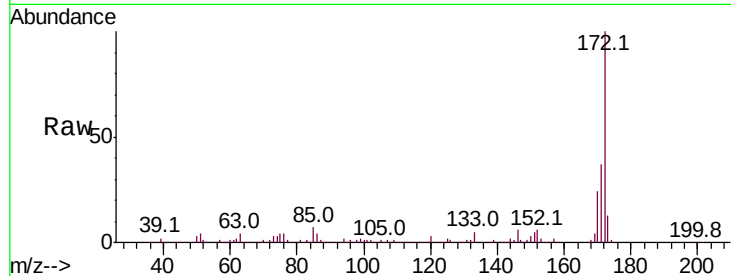




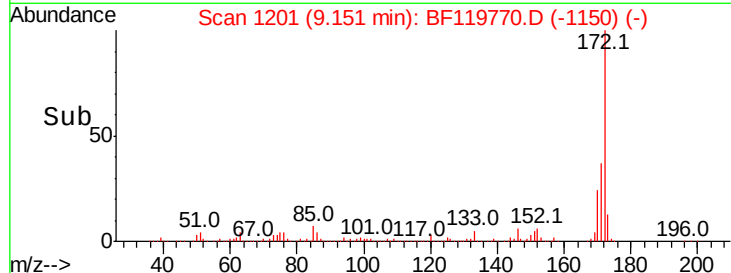
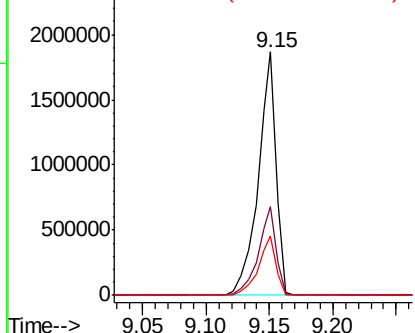
#45
2-Fluorobiphenyl
Concen: 93.768 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion:172 Resp: 1850382
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.3 20.2 30.2

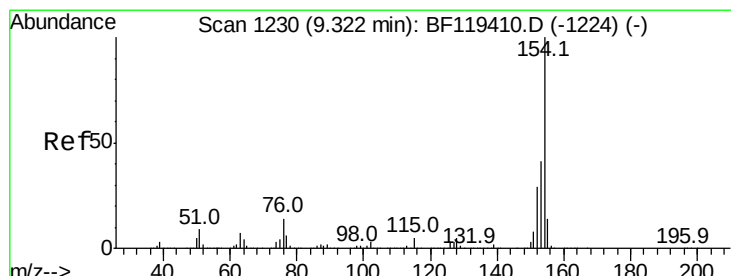


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

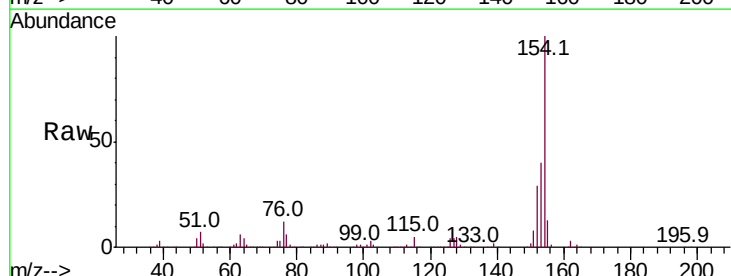
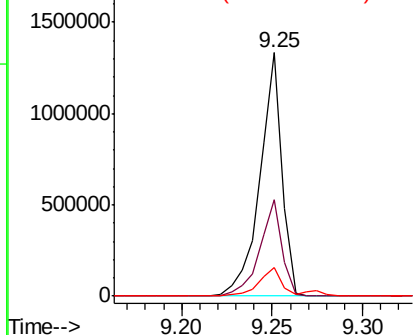


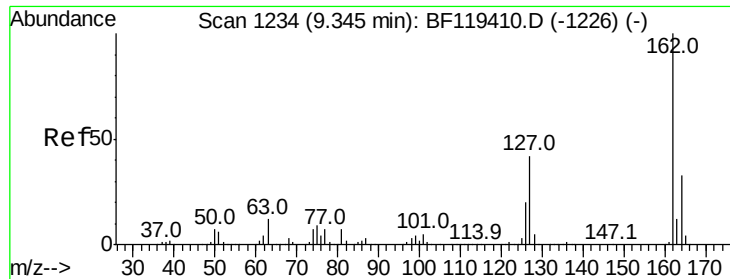
#46
1,1'-Biphenyl
Concen: 47.279 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion:154 Resp: 1125738
Ion Ratio Lower Upper
154 100
153 39.7 21.4 61.4
76 11.7 0.0 33.0



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

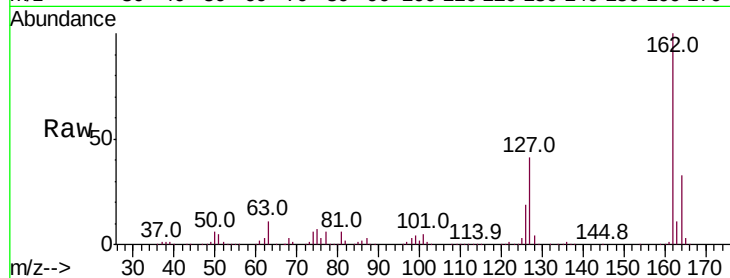




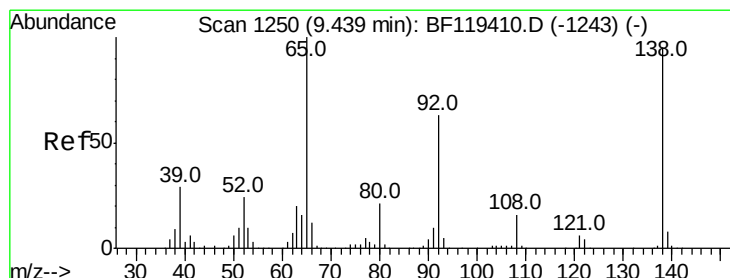
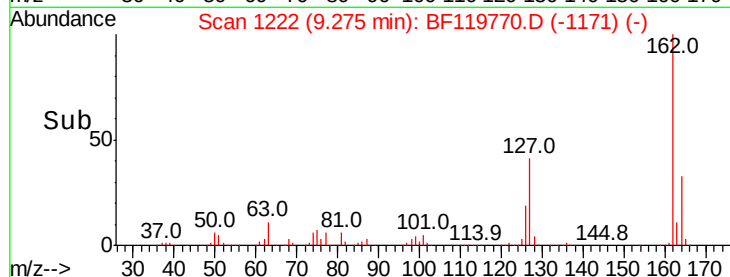
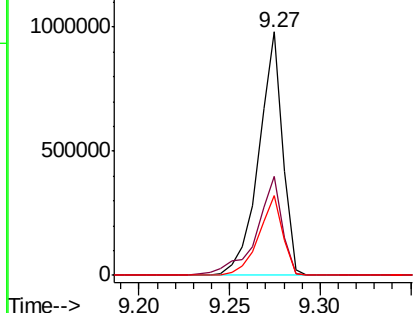
#47
 2-Chloronaphthalene
 Concen: 47.969 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128016BS

Tot Ion:162 Resp: 894670
 Ion Ratio Lower Upper
 162 100
 127 40.8 33.7 50.5
 164 32.8 26.3 39.5

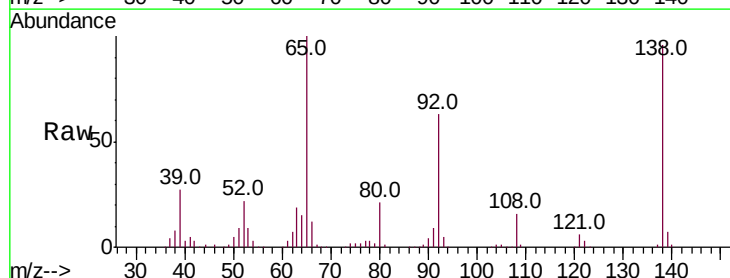


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

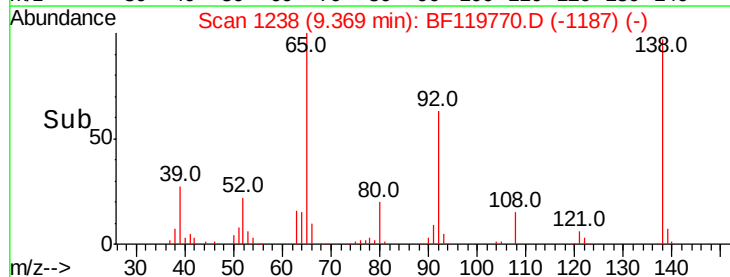
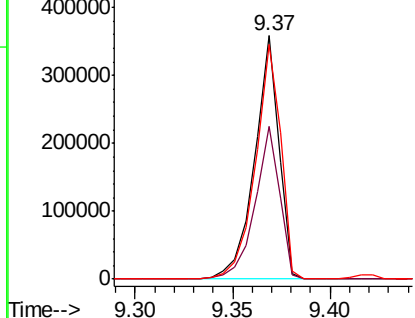


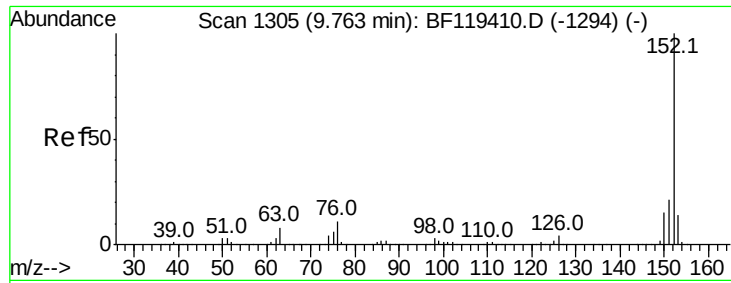
#48
 2-Nitroaniline
 Concen: 48.289 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Tgt Ion: 65 Resp: 310864
 Ion Ratio Lower Upper
 65 100
 92 62.8 50.0 75.0
 138 96.2 75.0 112.4



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: 46.451 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

ClientSampleId :

PB128016BS

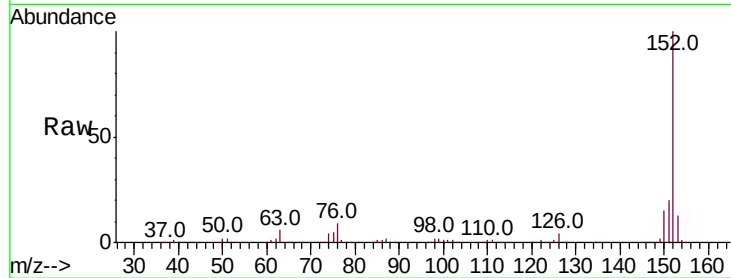
Tot Ion:152 Resp: 1360505

Ion Ratio Lower Upper

152 100

151 20.5 17.2 25.8

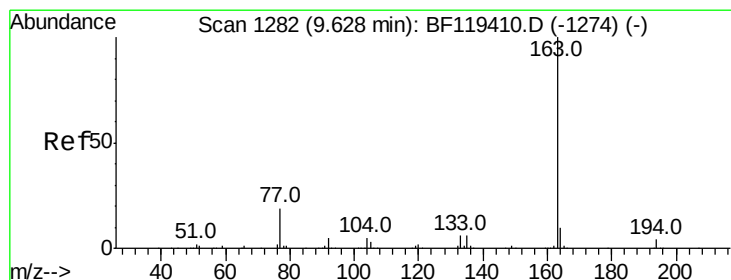
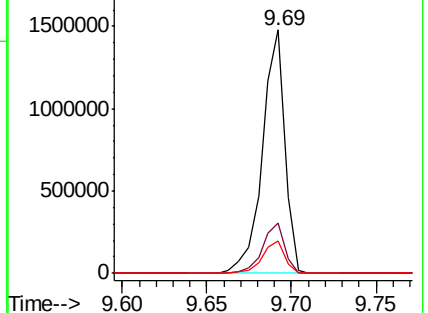
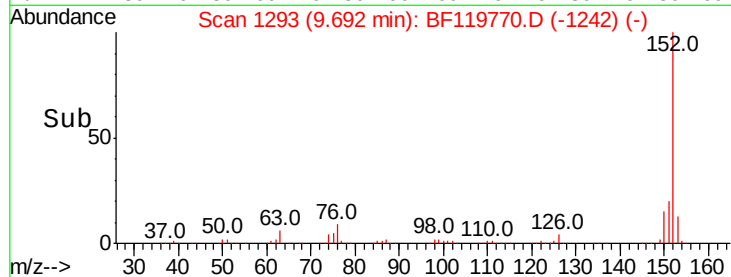
153 13.4 11.2 16.8



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: 47.824 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

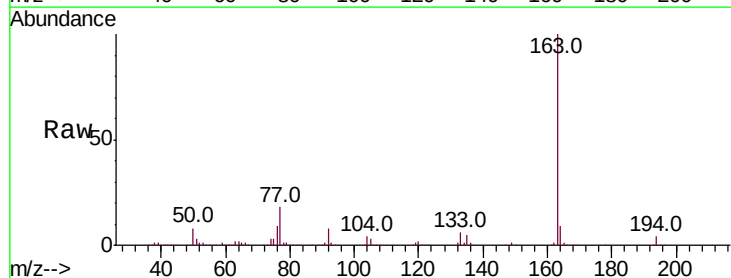
Tgt Ion:163 Resp: 993096

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

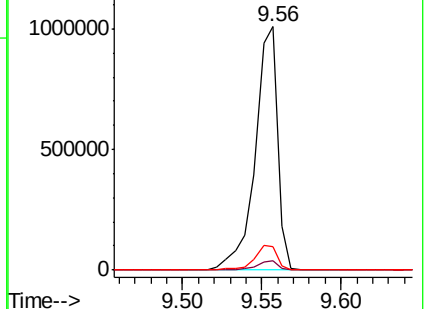
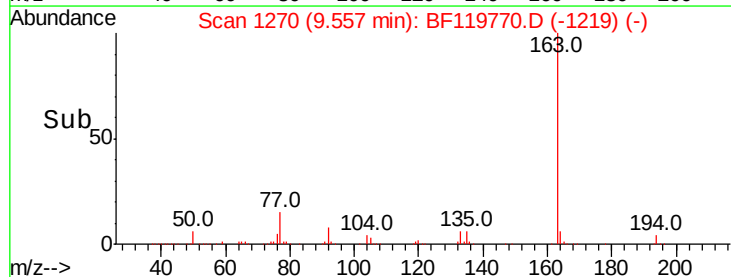
164 9.4 8.2 12.2

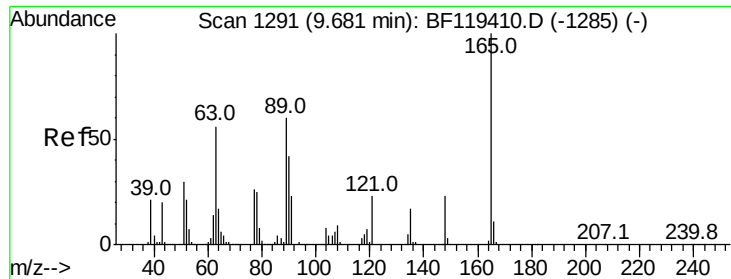


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

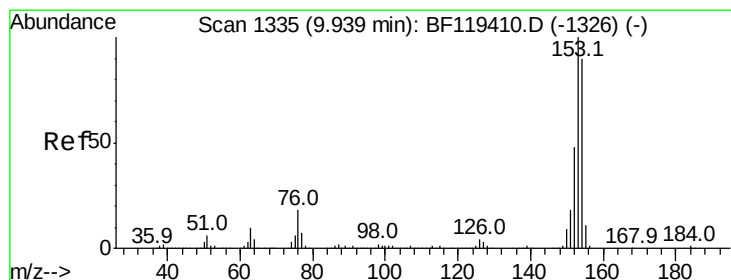
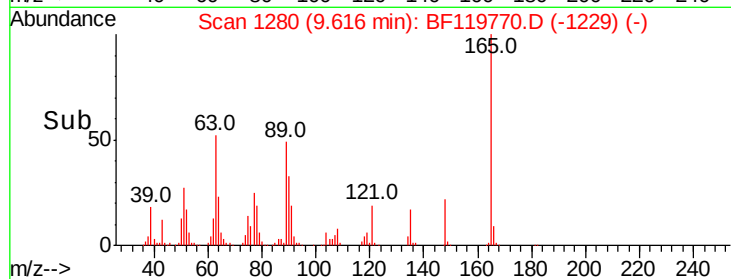
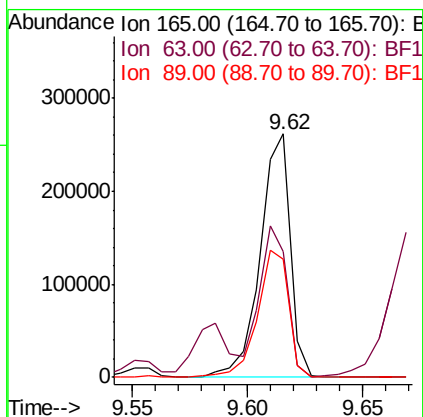
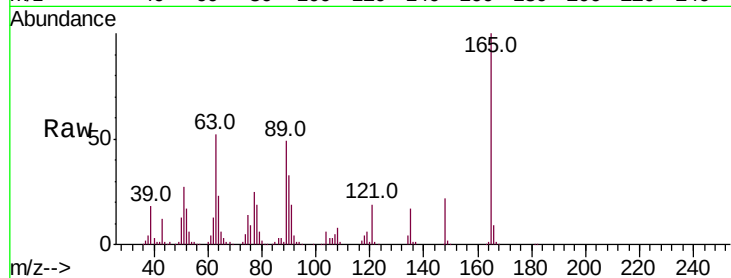




#51
2,6-Dinitrotoluene
Concen: 53.466 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

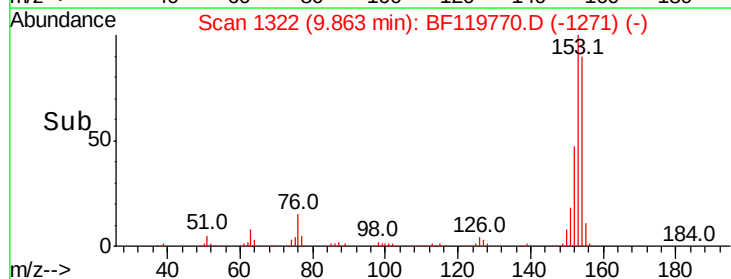
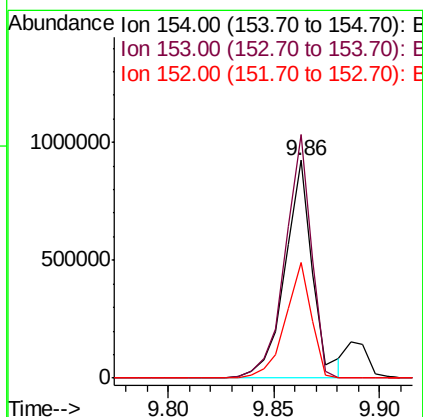
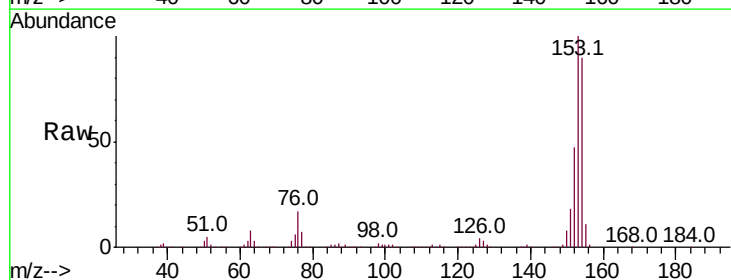
Instrument :
BNA_F
ClientSampleId :
PB128016BS

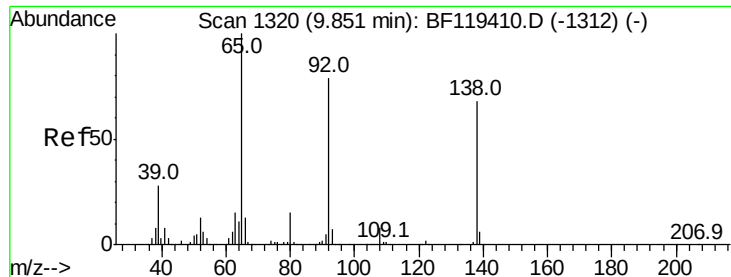
Tot Ion:165 Resp: 237975
Ion Ratio Lower Upper
165 100
63 51.7 45.0 67.4
89 48.7 41.5 62.3



#52
Acenaphthene
Concen: 45.958 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion:154 Resp: 839140
Ion Ratio Lower Upper
154 100
153 111.7 88.1 132.1
152 52.8 43.0 64.4

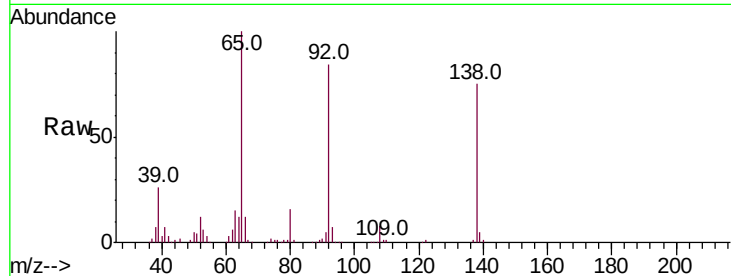




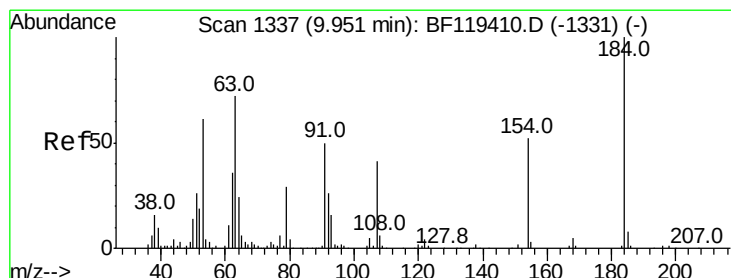
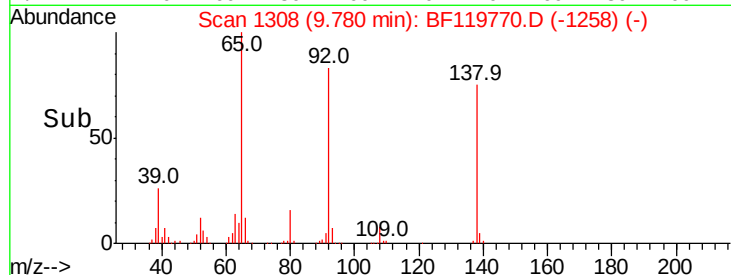
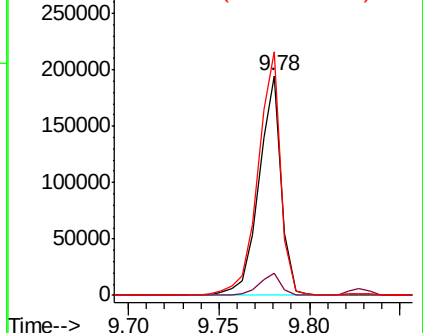
#53
3-Nitroaniline
Concen: 29.490 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion:138 Resp: 165715
Ion Ratio Lower Upper
138 100
108 10.0 8.6 13.0
92 111.0 95.4 143.0

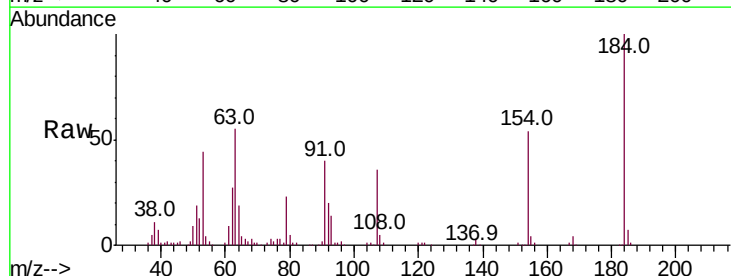


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

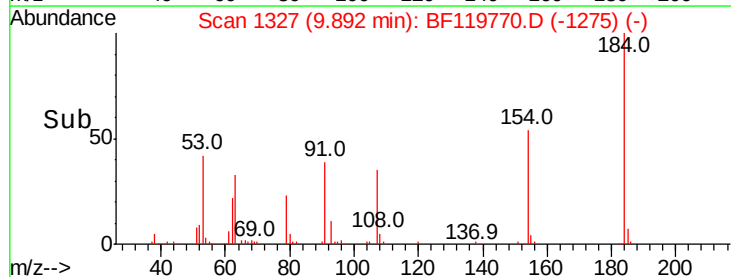
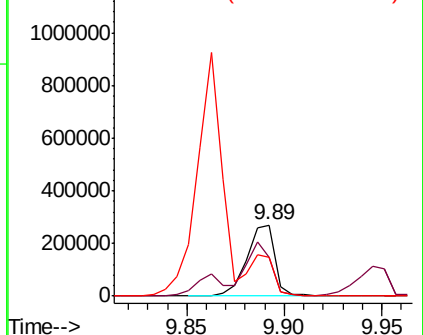


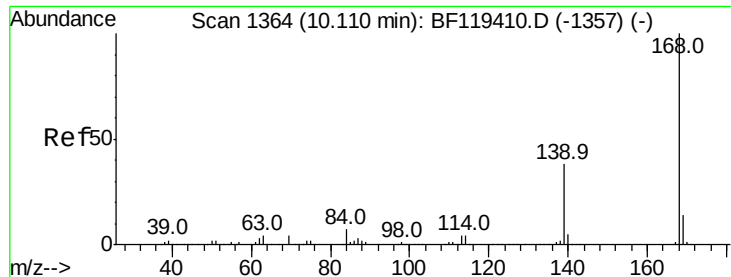
#54
2,4-Dinitrophenol
Concen: 135.697 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion:184 Resp: 272074
Ion Ratio Lower Upper
184 100
63 54.7 50.2 75.4
154 53.7 44.5 66.7



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





#55

Dibenzofuran

Concen: 47.910 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

ClientSampleId :

PB128016BS

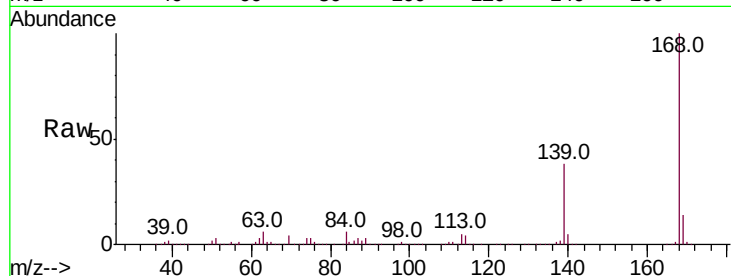
Tot Ion:168 Resp: 1254235

Ion Ratio Lower Upper

168 100

139 37.5 30.1 45.1

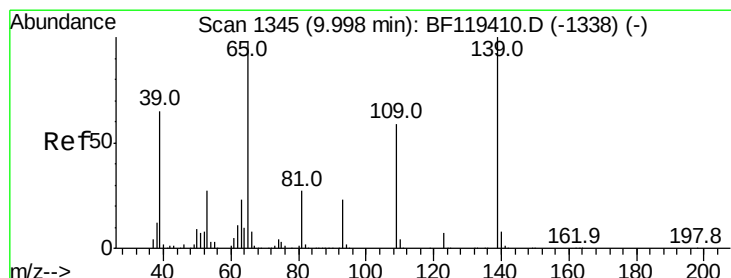
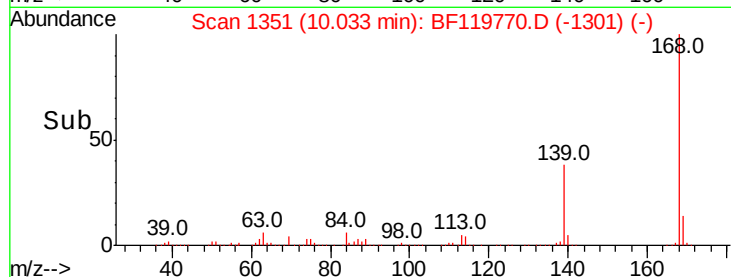
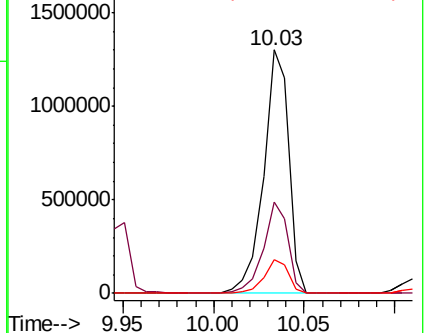
169 13.8 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 93.757 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

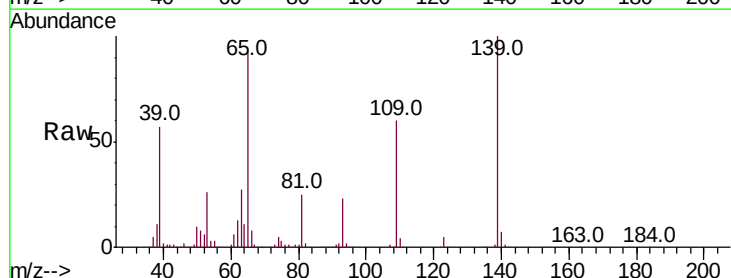
Tgt Ion:139 Resp: 415615

Ion Ratio Lower Upper

139 100

109 60.2 43.3 83.3

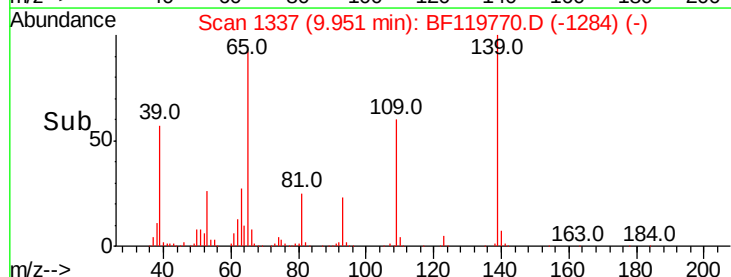
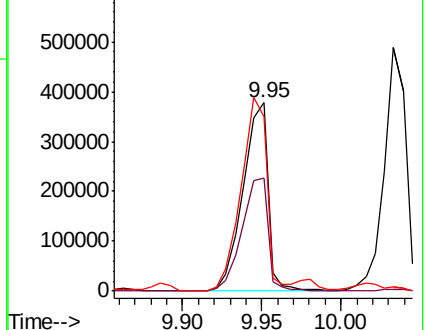
65 92.4 91.0 131.0

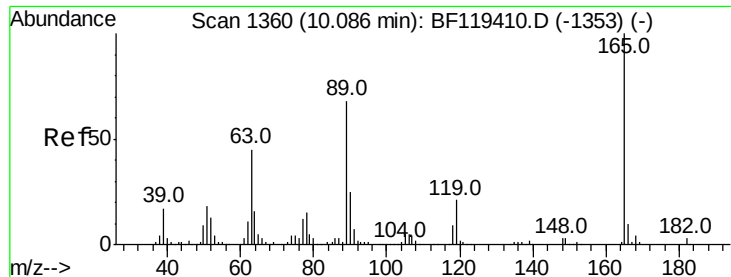


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

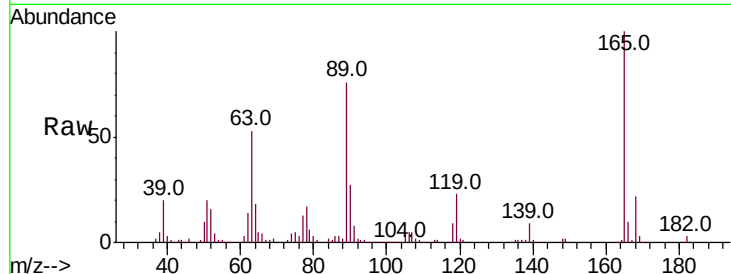




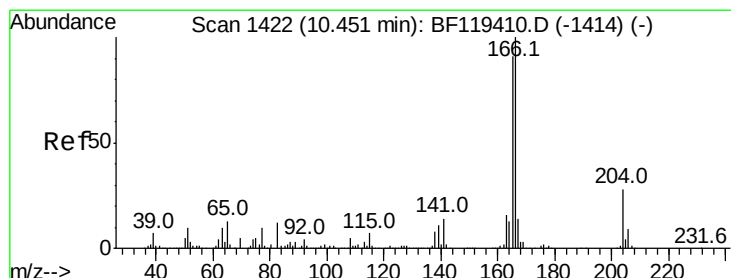
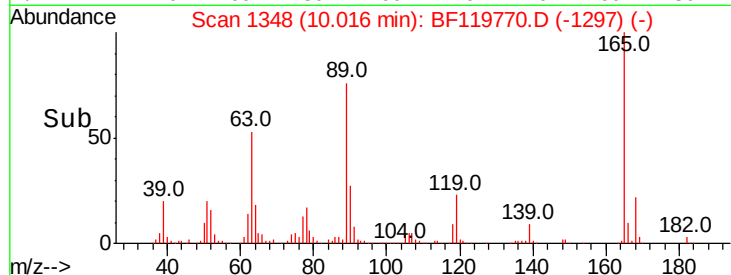
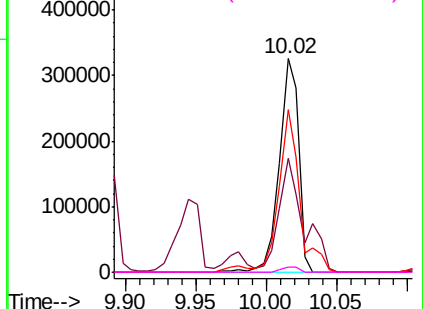
#57
2,4-Dinitrotoluene
Concen: 55.694 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion:165 Resp: 312281
Ion Ratio Lower Upper
165 100
63 53.3 42.6 64.0
89 75.9 61.0 91.4
182 2.6 2.2 3.2

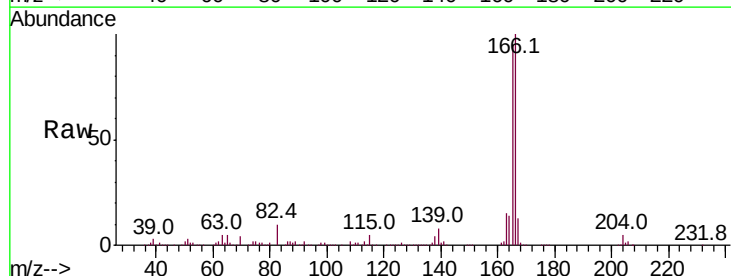


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

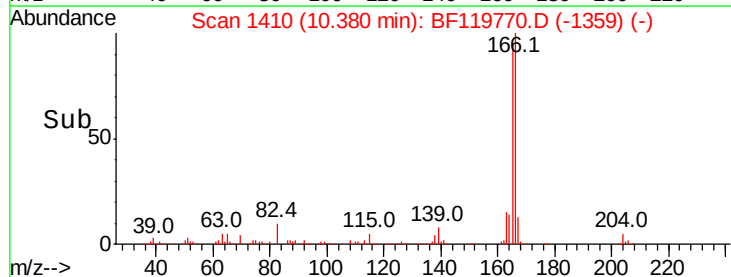
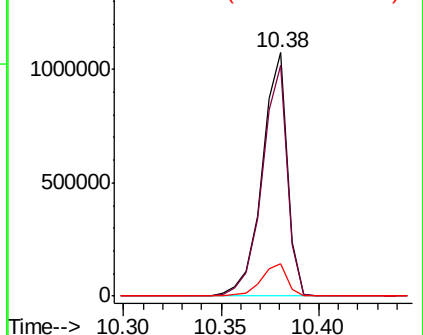


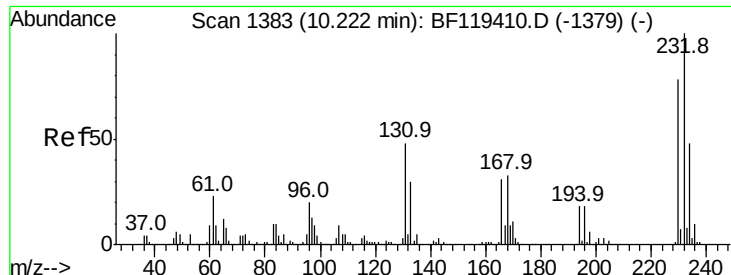
#58
Fluorene
Concen: 49.416 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion:166 Resp: 956641
Ion Ratio Lower Upper
166 100
165 94.6 75.4 113.2
167 13.5 11.2 16.8



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

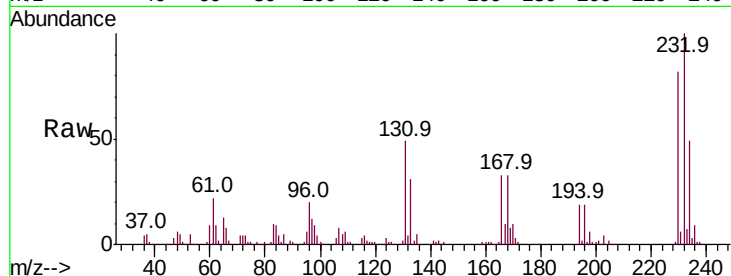




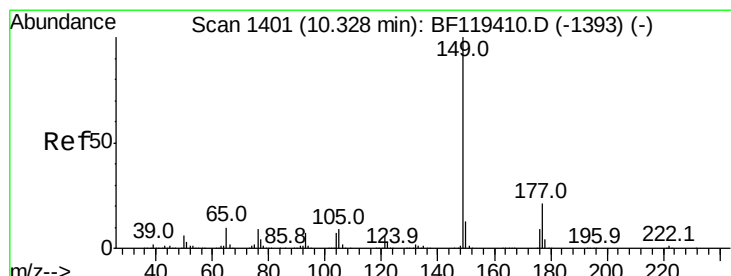
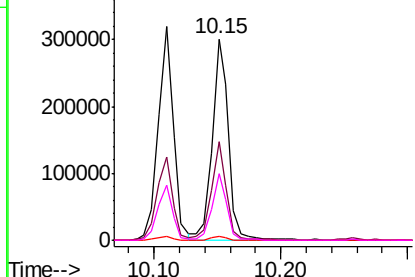
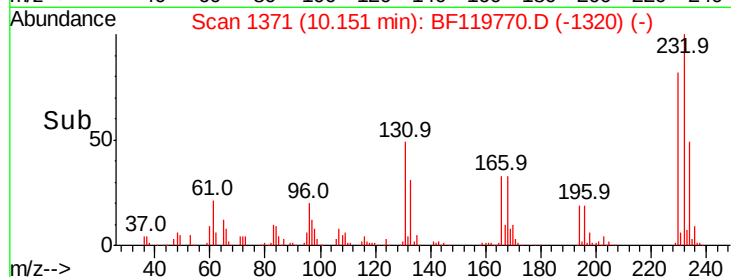
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.385 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128016BS

Tot Ion:232 Resp: 274121
 Ion Ratio Lower Upper
 232 100
 131 45.0 37.5 56.3
 130 2.1 1.8 2.6
 166 30.9 24.6 36.8

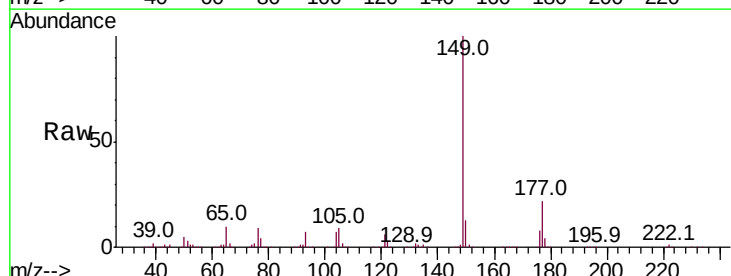


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

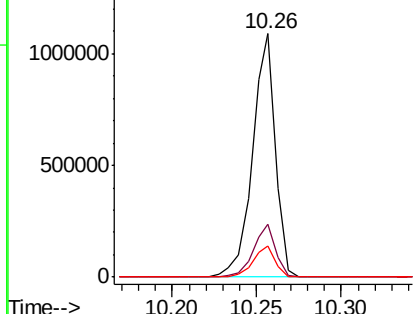
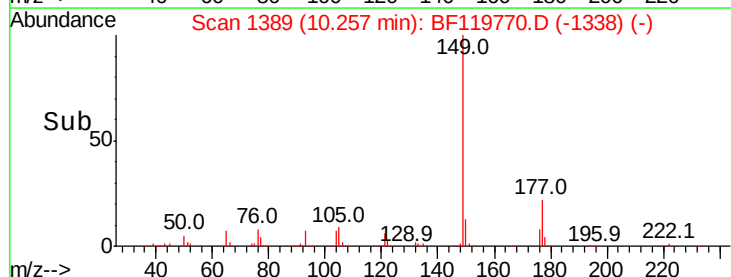


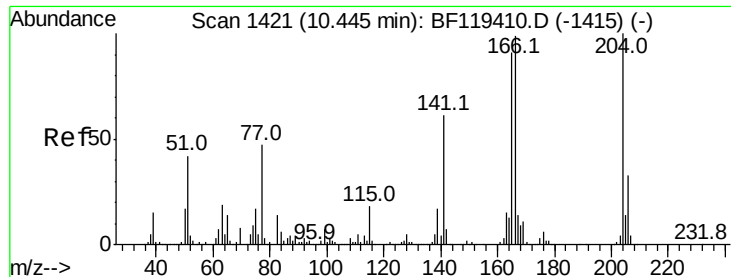
#60
 Diethylphthalate
 Concen: 48.890 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Tgt Ion:149 Resp: 1030397
 Ion Ratio Lower Upper
 149 100
 177 22.0 17.0 25.6
 150 12.6 10.1 15.1



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

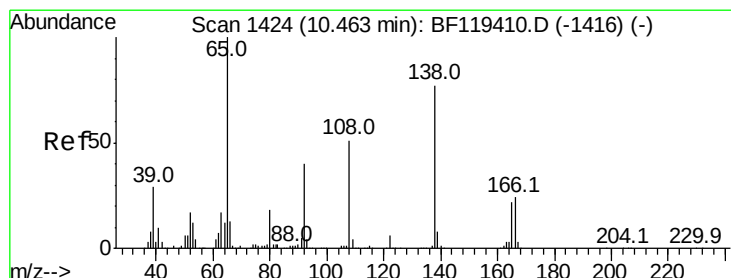
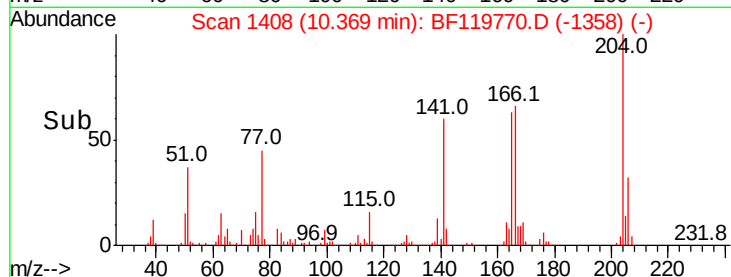
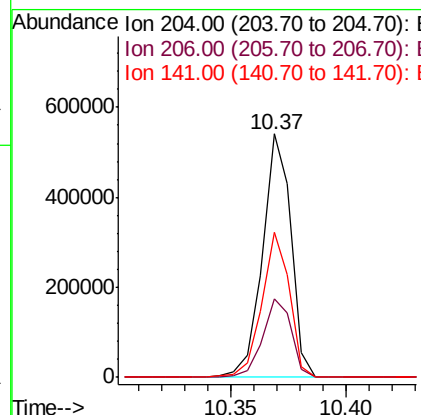
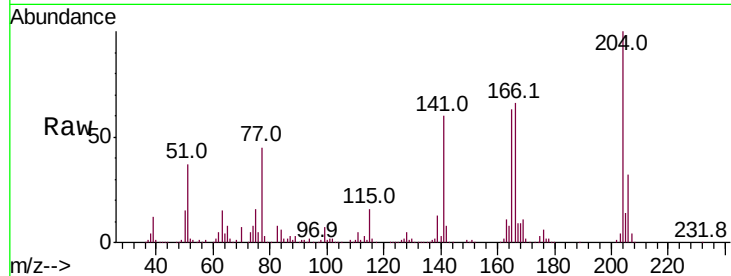




#61
 4-Chlorophenyl-phenylether
 Concen: 49.060 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

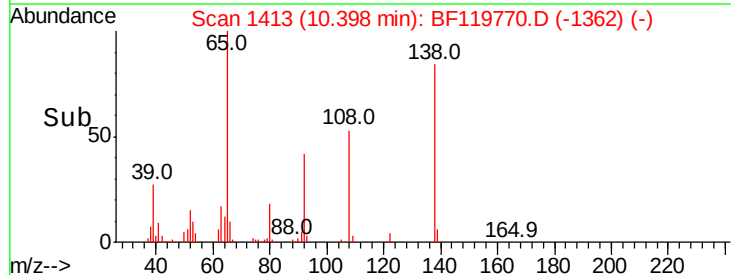
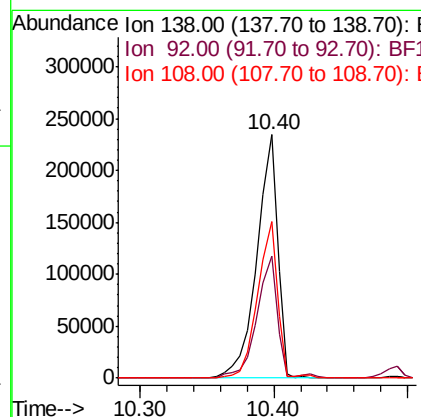
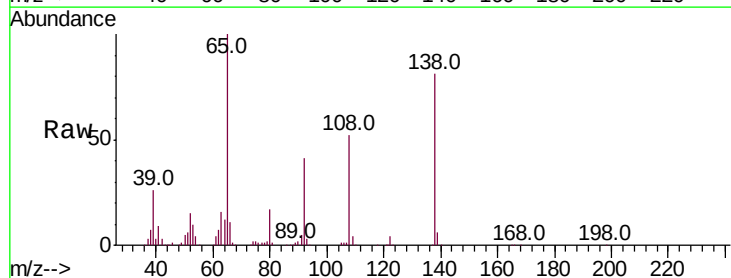
Instrument :
 BNA_F
 ClientSampleId :
 PB128016BS

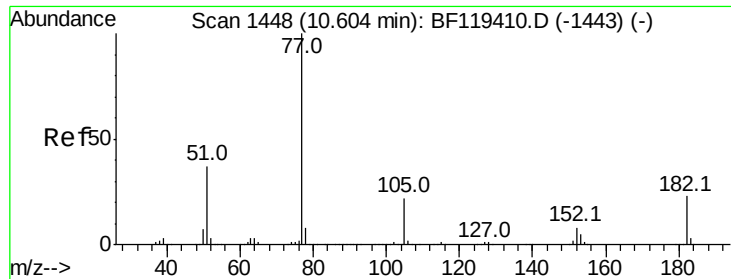
Tot Ion:	204	Resp:	464444
Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.7	40.1
141	59.7	47.3	70.9



#62
 4-Nitroaniline
 Concen: 46.312 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Tgt Ion:	138	Resp:	249555
Ion	Ratio	Lower	Upper
138	100		
92	50.3	31.5	71.5
108	64.4	45.8	85.8

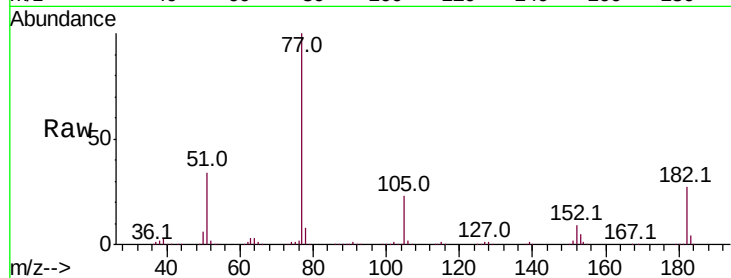




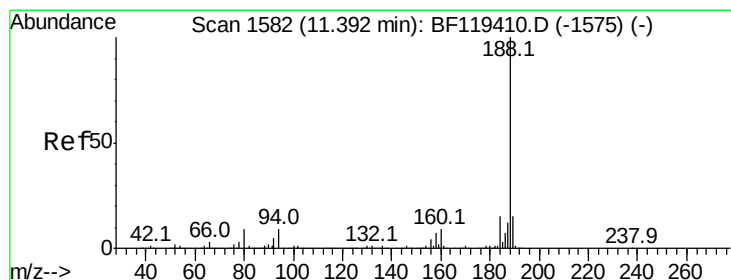
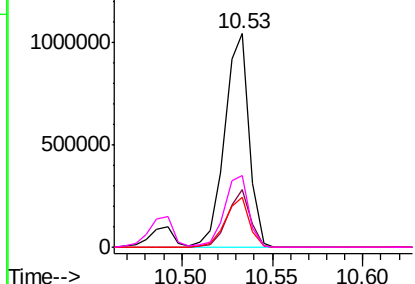
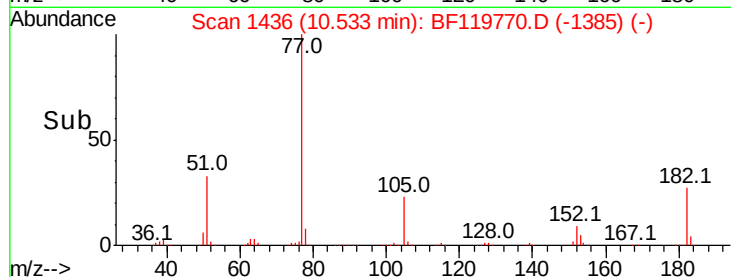
#63
Azobenzene
Concen: 45.979 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion: 77 Resp: 975837
Ion Ratio Lower Upper
77 100
182 26.7 4.4 44.4
105 23.2 2.6 42.6
51 33.6 15.1 55.1

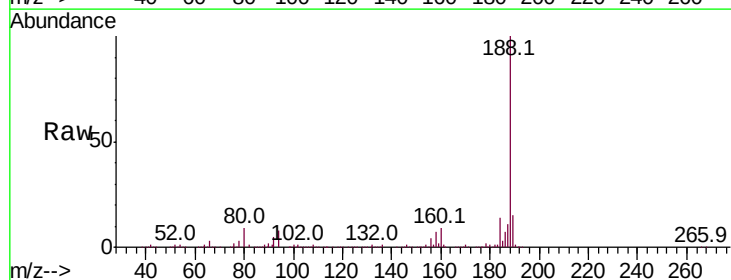


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

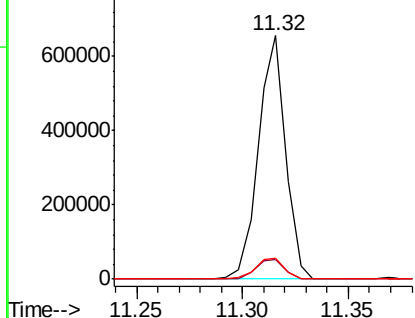
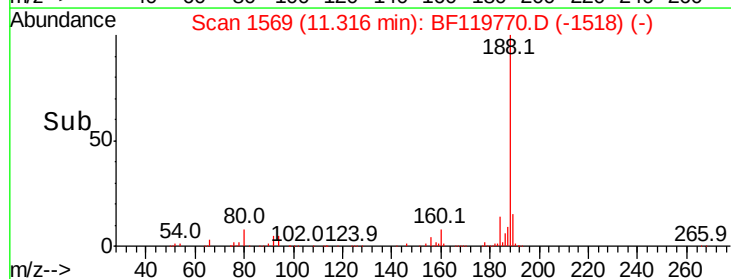


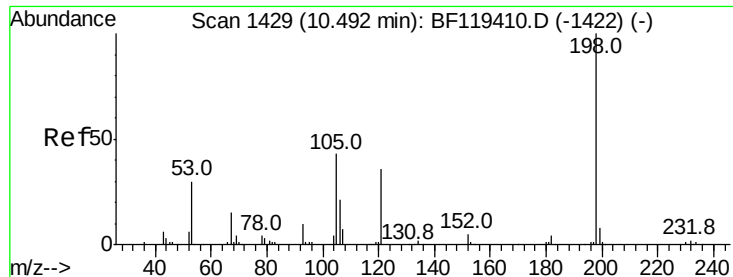
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion: 188 Resp: 588412
Ion Ratio Lower Upper
188 100
94 8.3 7.5 11.3
80 8.8 9.0 13.4#



Abundance Ion 188.00 (187.70 to 188.70): BF1
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: 73.353 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

ClientSampleId :

PB128016BS

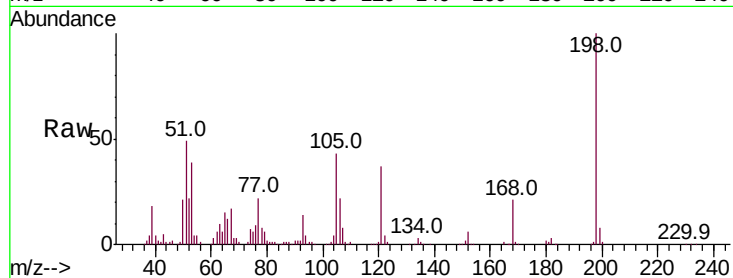
Tot Ion:198 Resp: 180990

Ion	Ratio	Lower	Upper
198	100		
51	48.6	29.0	69.0
105	42.9	22.2	62.2

198 100

51 48.6 29.0 69.0

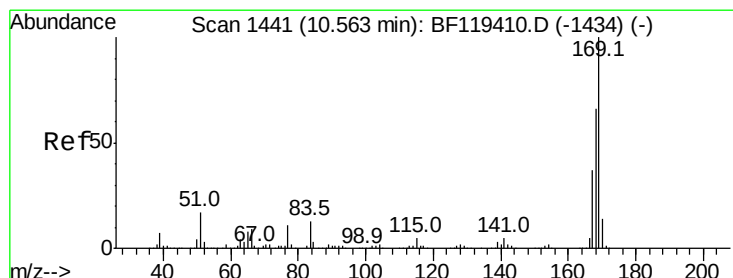
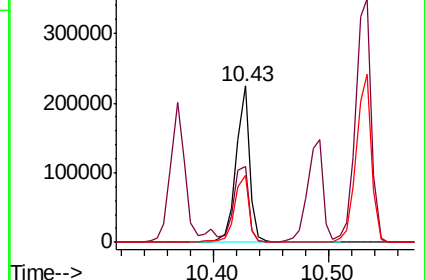
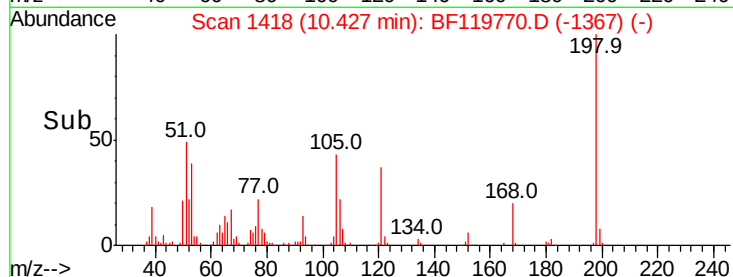
105 42.9 22.2 62.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.248 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

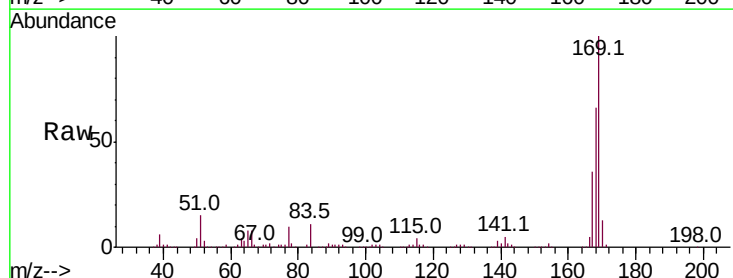
Tgt Ion:169 Resp: 874037

Ion	Ratio	Lower	Upper
169	100		
168	65.9	53.2	79.8
167	36.3	29.1	43.7

169 100

168 65.9 53.2 79.8

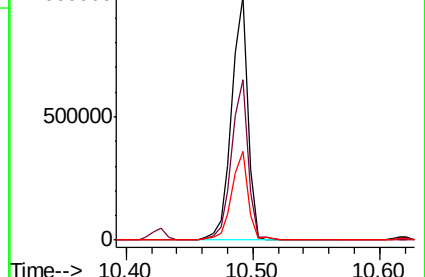
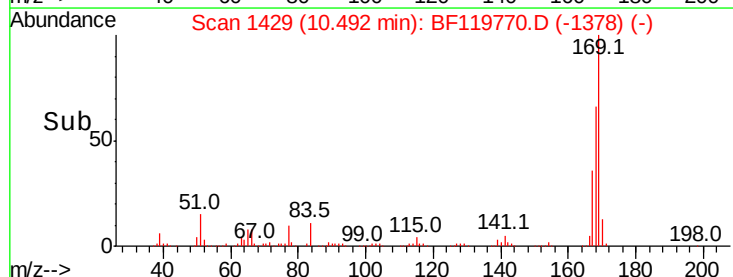
167 36.3 29.1 43.7

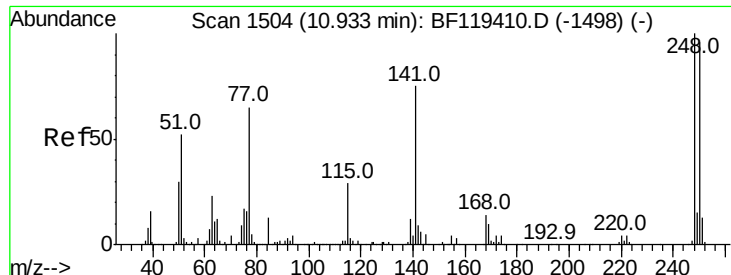


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

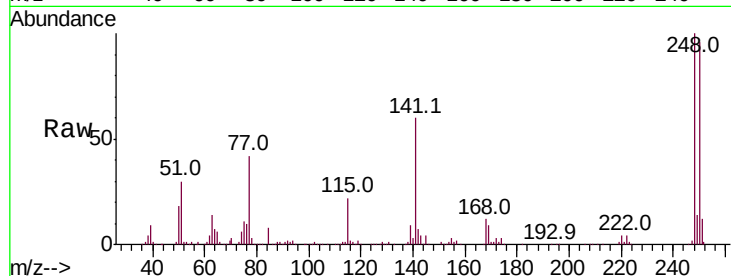




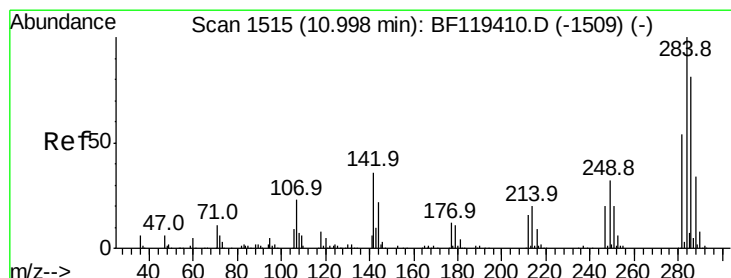
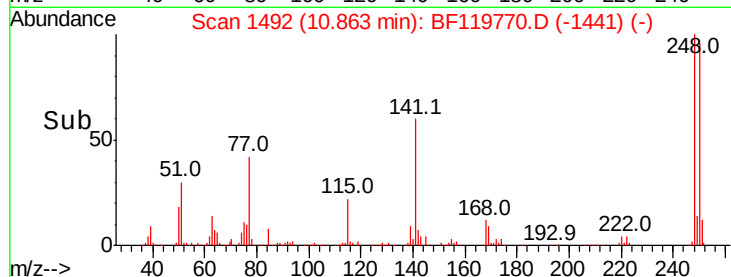
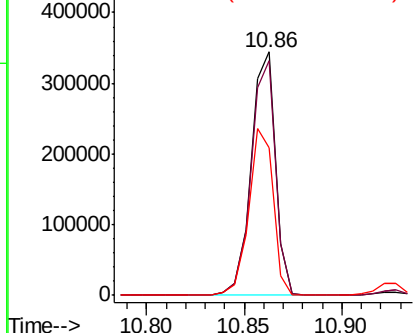
#67
 4-Bromophenyl-phenylether
 Concen: 44.375 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128016BS

Tot Ion:248 Resp: 297370
 Ion Ratio Lower Upper
 248 100
 250 96.2 77.3 115.9
 141 60.4 58.6 87.8

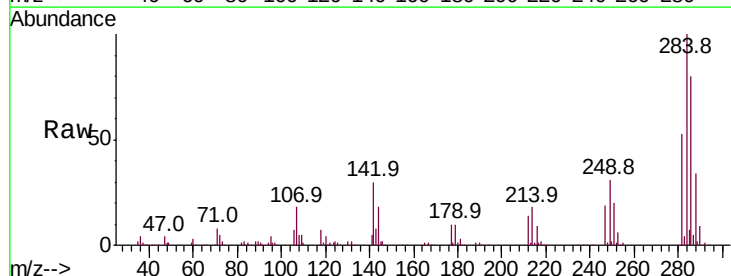


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

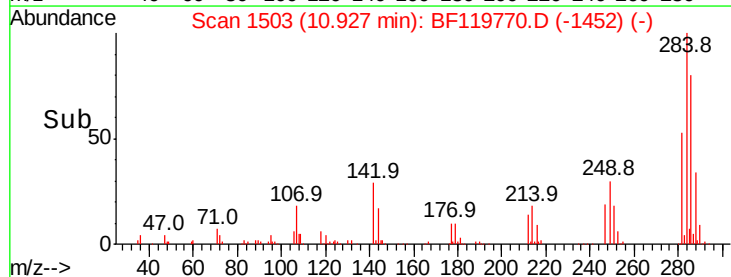
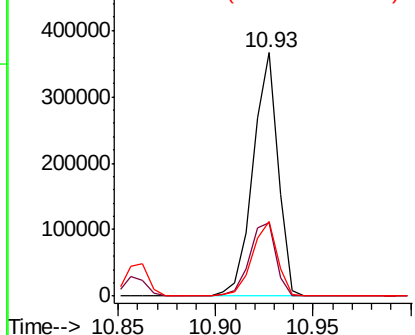


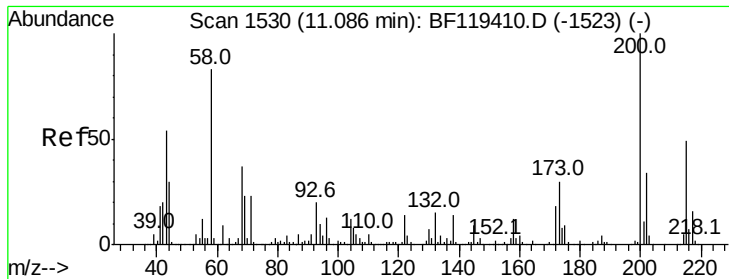
#68
 Hexachlorobenzene
 Concen: 47.401 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Tgt Ion:284 Resp: 325107
 Ion Ratio Lower Upper
 284 100
 142 30.0 29.2 43.8
 249 30.7 25.1 37.7



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

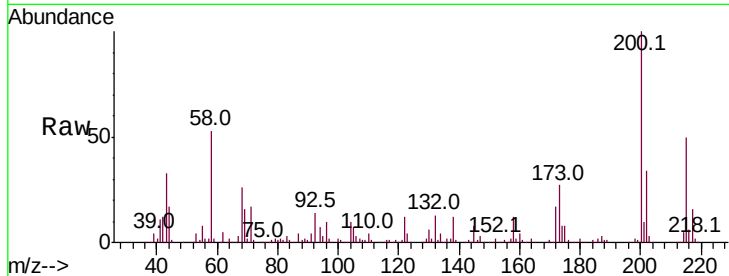




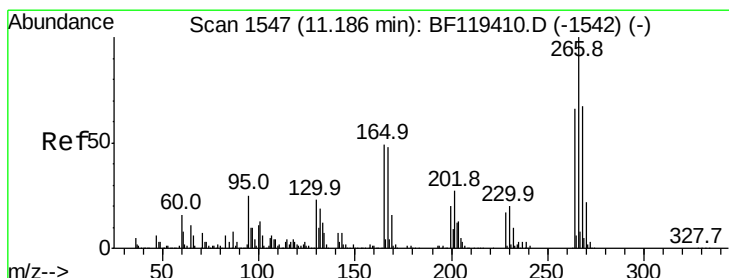
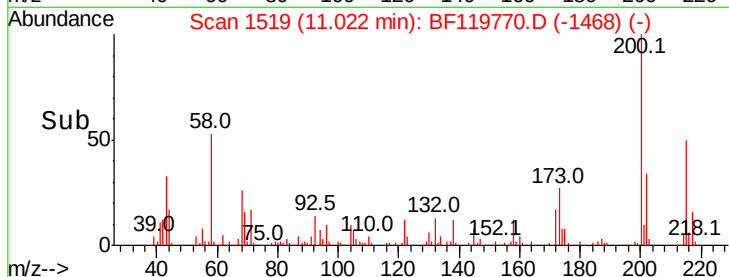
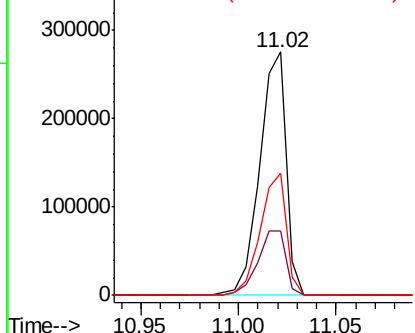
#69
 Atrazine
 Concen: 49.021 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128016BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	9.3	49.3
215	50.2	29.5	69.5

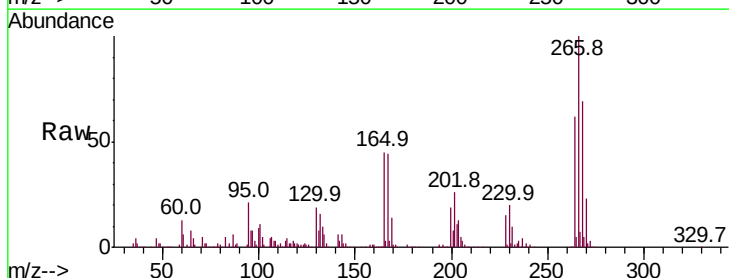


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

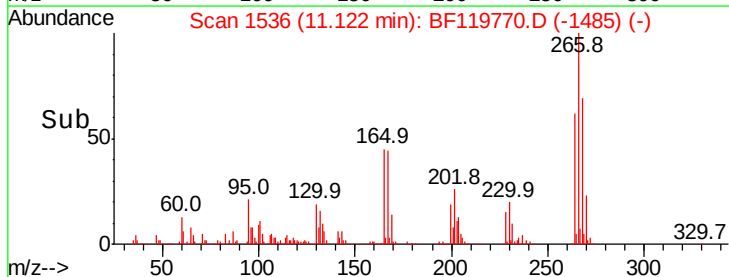
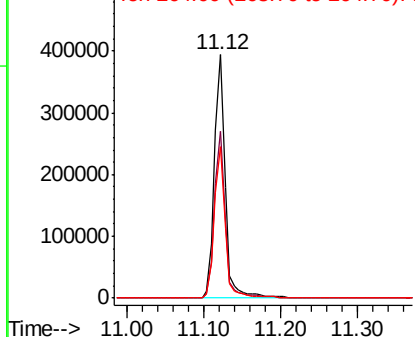


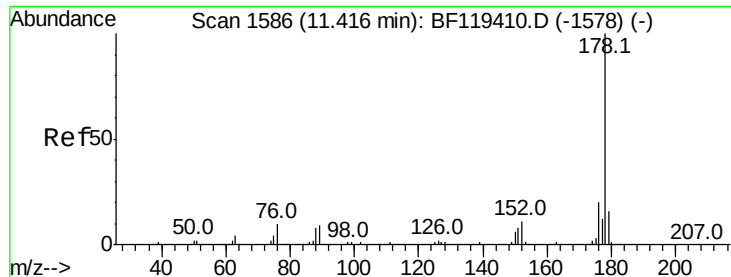
#70
 Pentachlorophenol
 Concen: 94.214 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.7	53.3	79.9
264	62.3	49.0	73.4



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.052 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

ClientSampleId :

PB128016BS

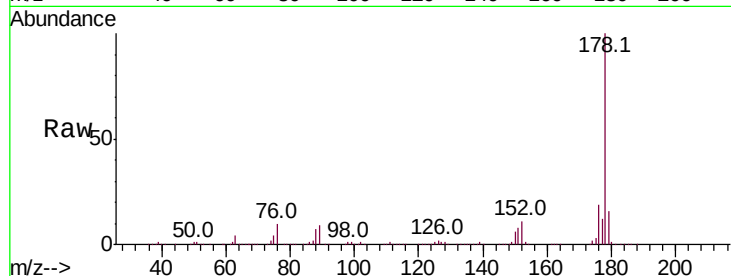
Tot Ion:178 Resp: 1466094

Ion Ratio Lower Upper

178 100

176 19.4 16.2 24.4

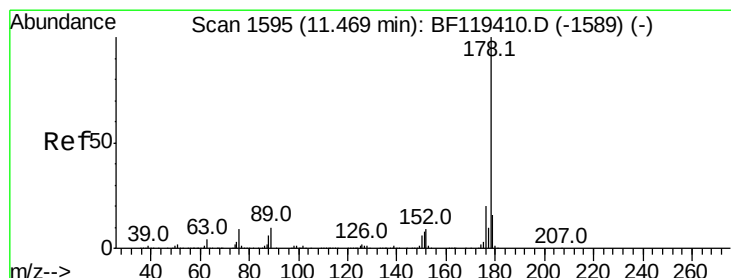
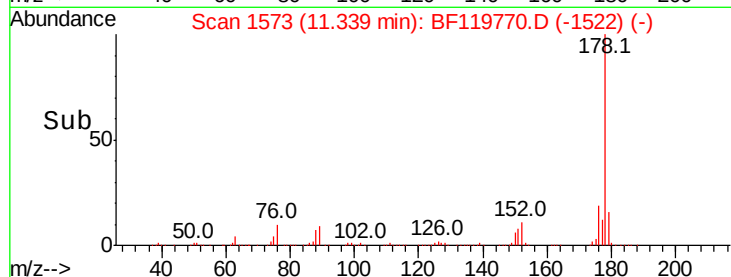
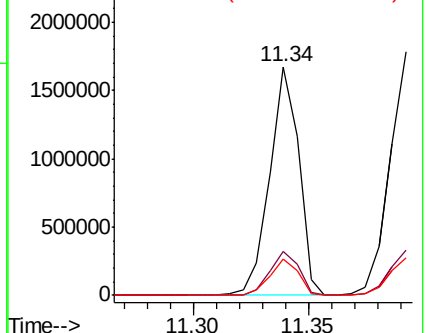
179 15.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.054 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

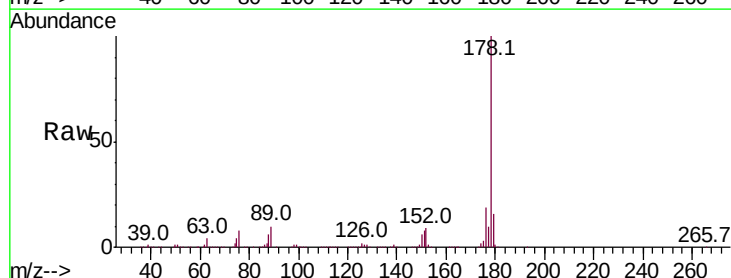
Tgt Ion:178 Resp: 1521118

Ion Ratio Lower Upper

178 100

176 18.6 16.1 24.1

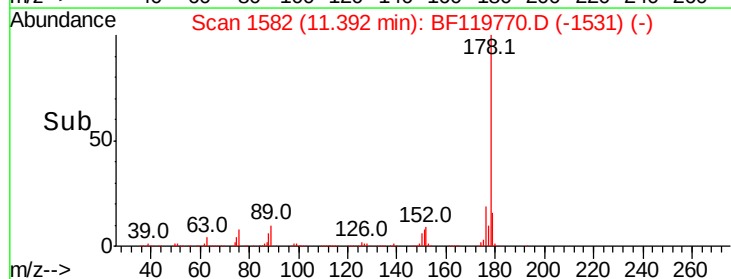
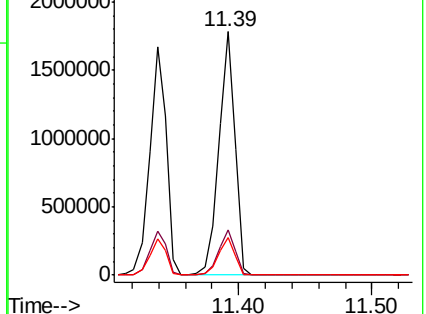
179 15.6 13.0 19.4

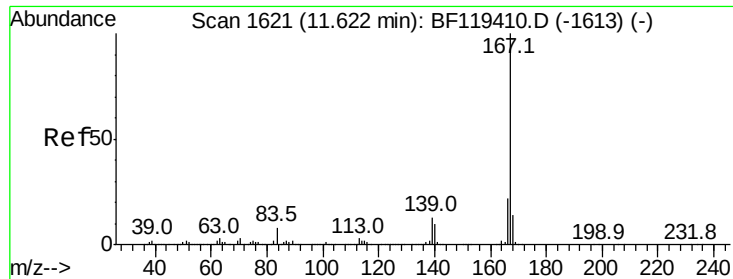


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

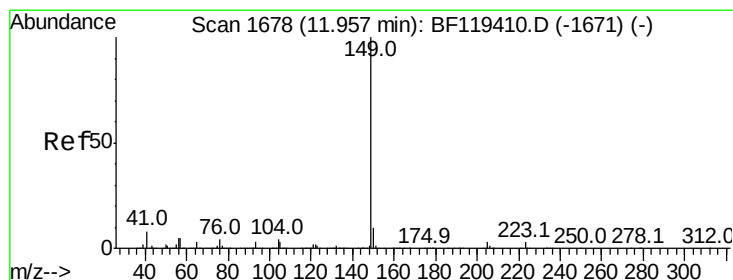
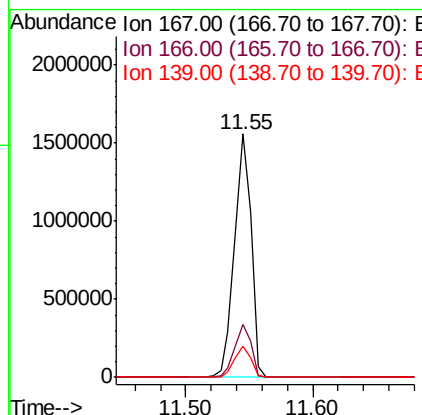
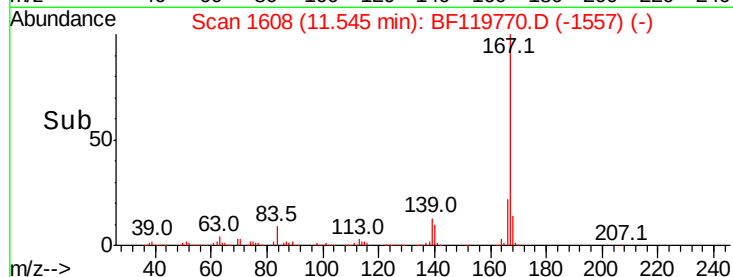
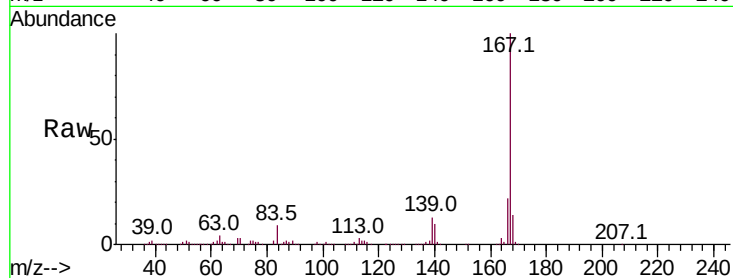




#73
 Carbazole
 Concen: 45.673 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

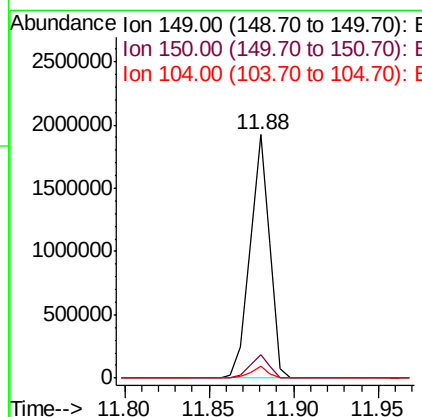
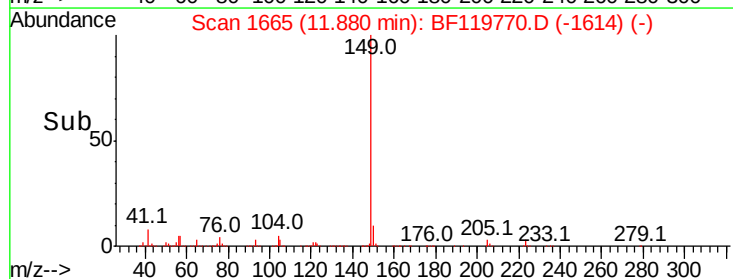
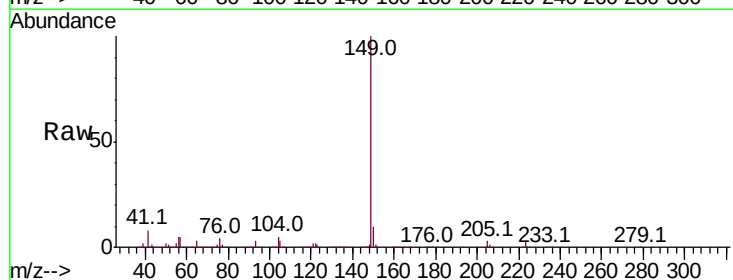
Instrument :
 BNA_F
 ClientSampleId :
 PB128016BS

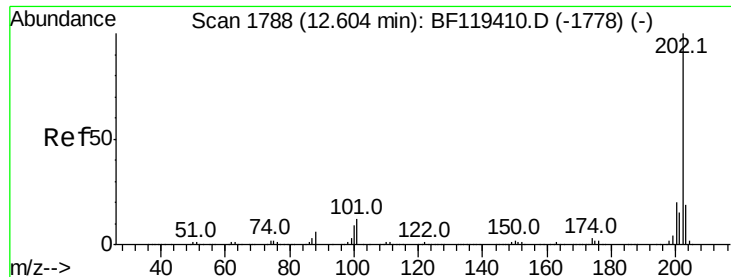
Tot Ion:167 Resp: 1401850
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.2 27.4
 139 13.0 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 47.603 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Tgt Ion:149 Resp: 1562983
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 4.7 3.6 5.4



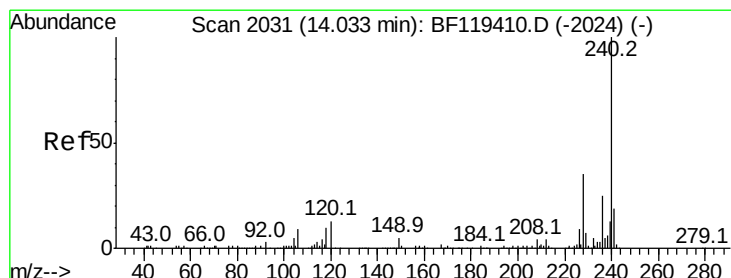
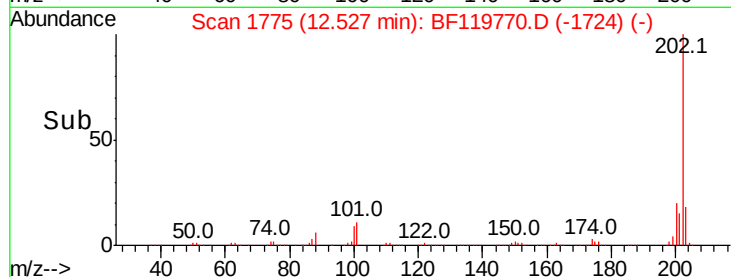
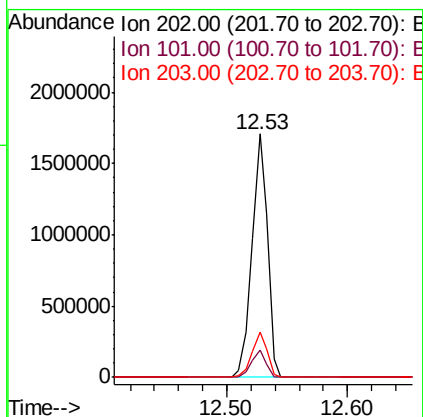
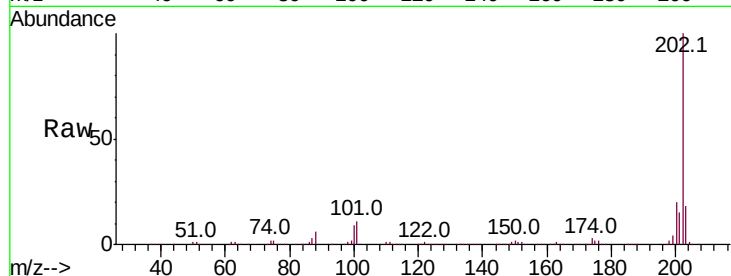


#75
 Fluoranthene
 Concen: 46.512 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128016BS

Tot Ion:202 Resp: 1535814

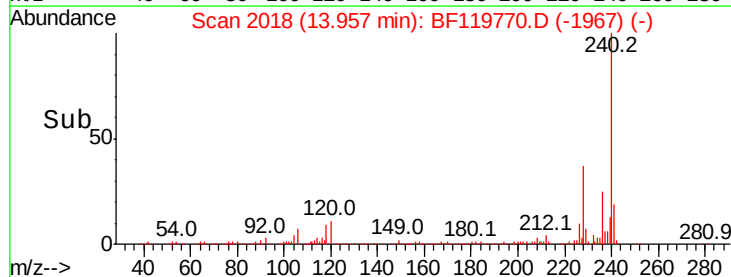
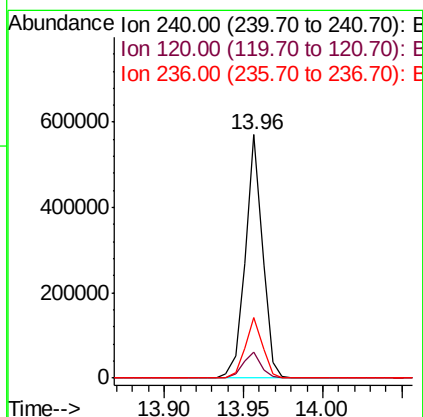
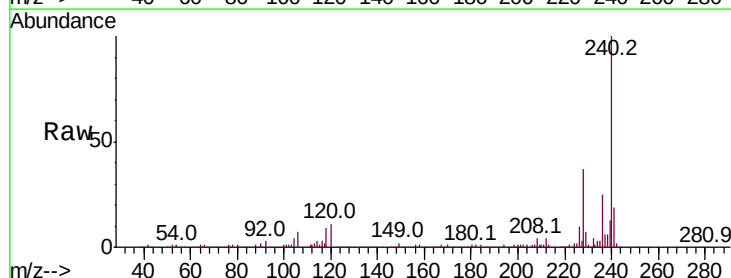
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.2
203	18.3	0.0	38.8

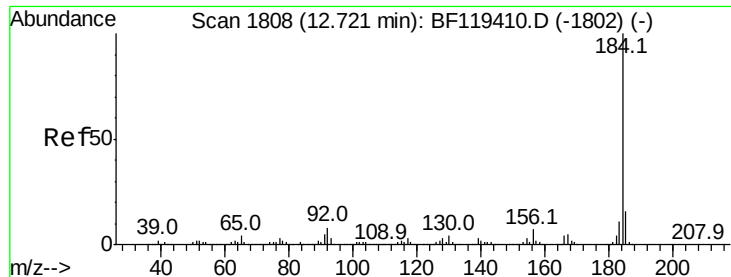


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Tgt Ion:240 Resp: 426455

Ion	Ratio	Lower	Upper
240	100		
120	10.7	10.6	15.8
236	24.8	20.2	30.2





#77

Benzidine

Concen: 37.879 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

ClientSampleId :

PB128016BS

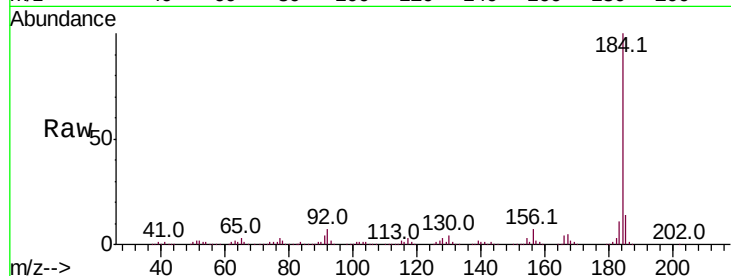
Tot Ion:184 Resp: 683619

Ion Ratio Lower Upper

184 100

185 14.1 12.3 18.5

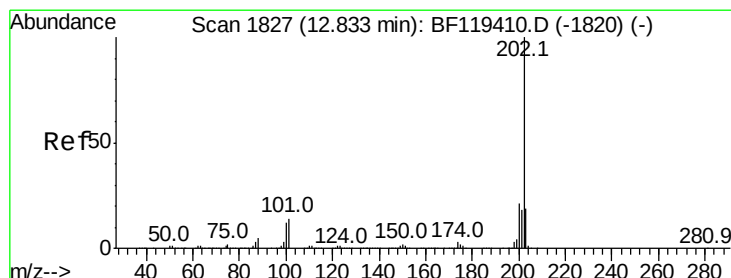
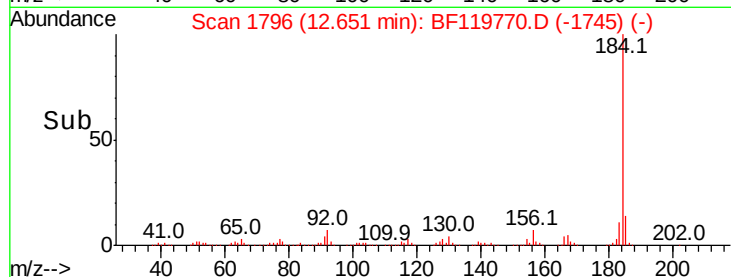
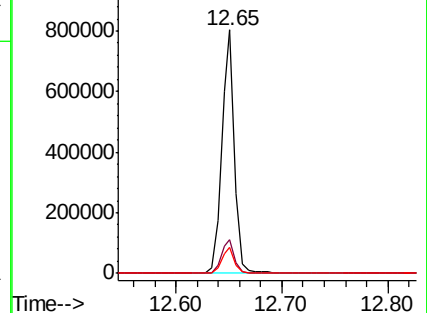
183 10.7 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.809 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

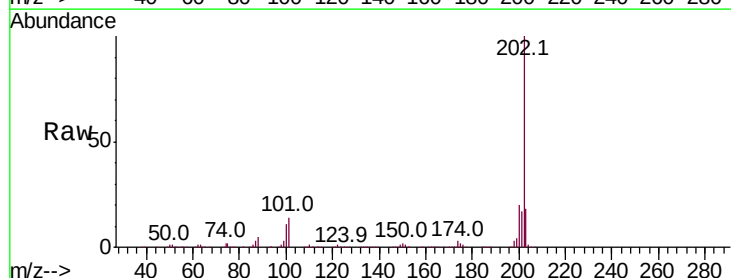
Tgt Ion:202 Resp: 1568268

Ion Ratio Lower Upper

202 100

200 20.1 16.8 25.2

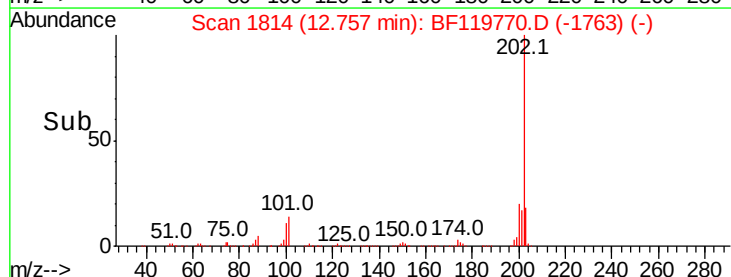
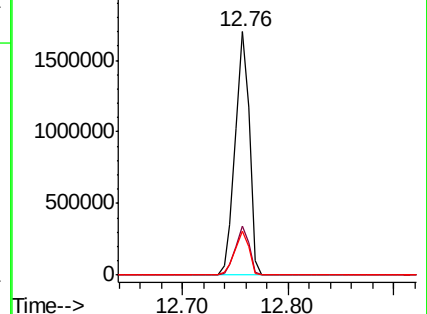
203 17.9 15.1 22.7

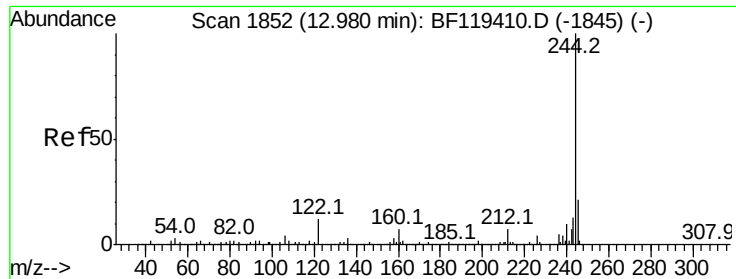


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.046 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

ClientSampleId :

PB128016BS

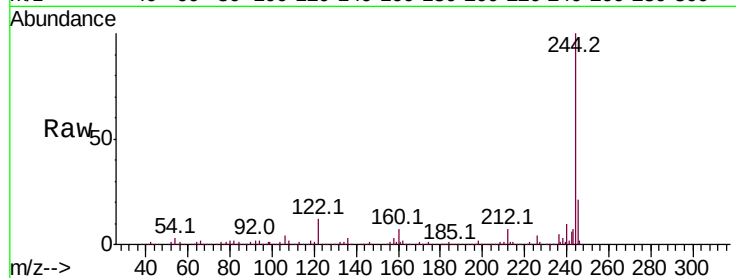
Tot Ion:244 Resp: 2112358

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

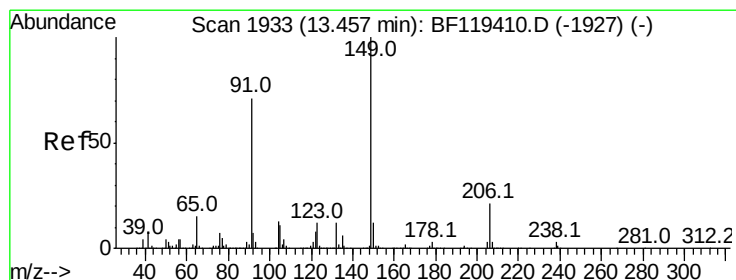
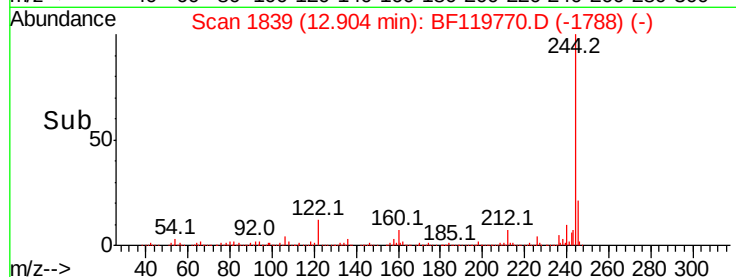
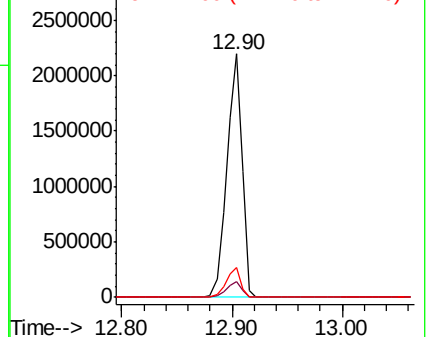
122 12.1 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.954 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

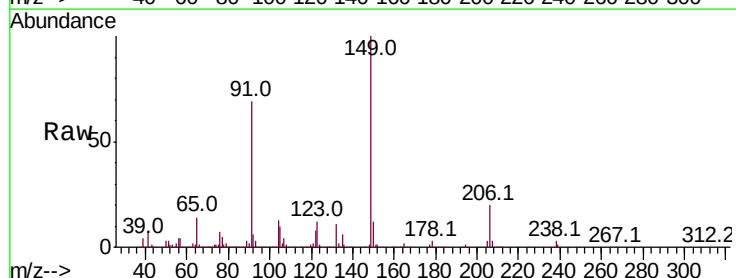
Tgt Ion:149 Resp: 664651

Ion Ratio Lower Upper

149 100

91 68.5 54.7 82.1

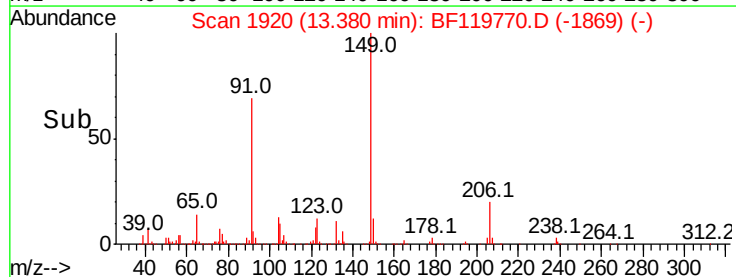
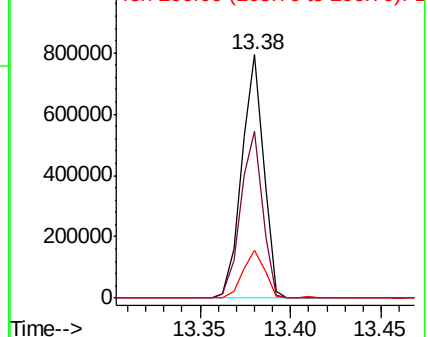
206 19.8 16.2 24.2

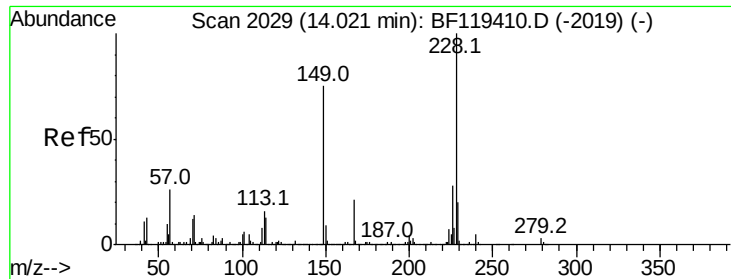


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

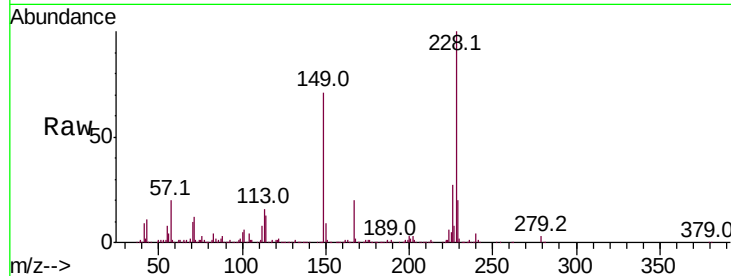




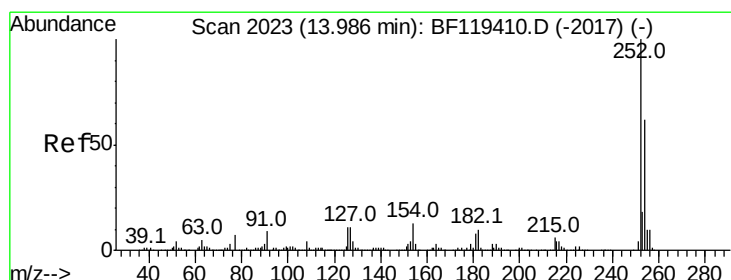
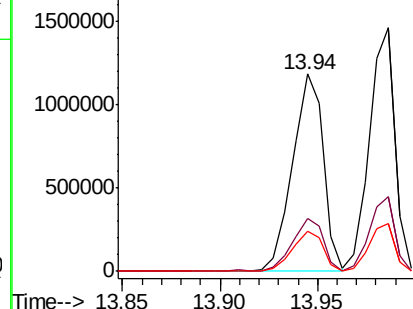
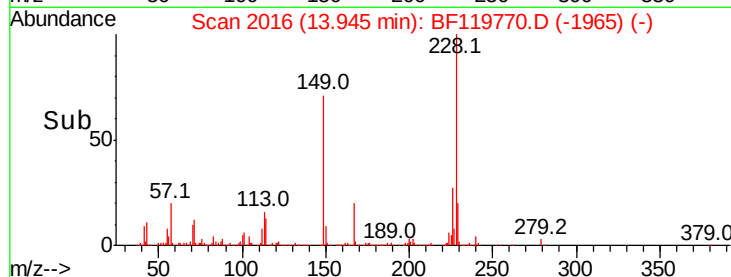
#81
Benzo(a)anthracene
Concen: 46.464 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion:228 Resp: 1288518
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 20.1 16.2 24.4

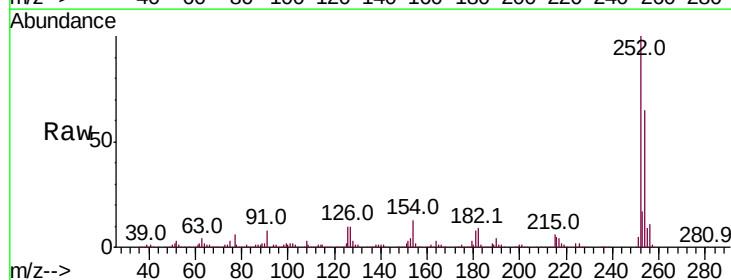


Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

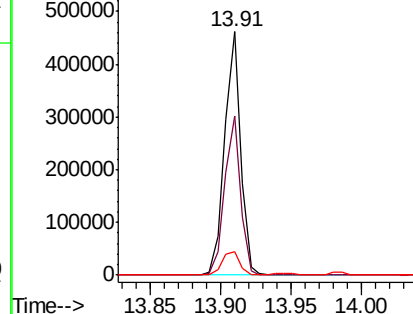
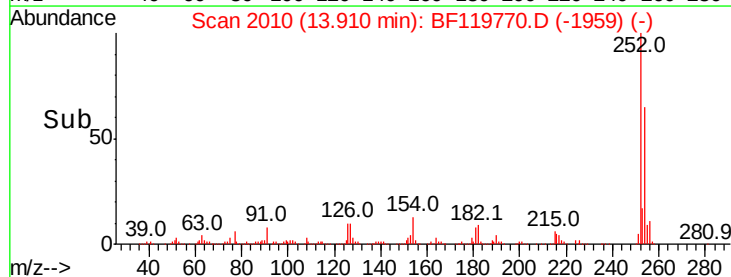


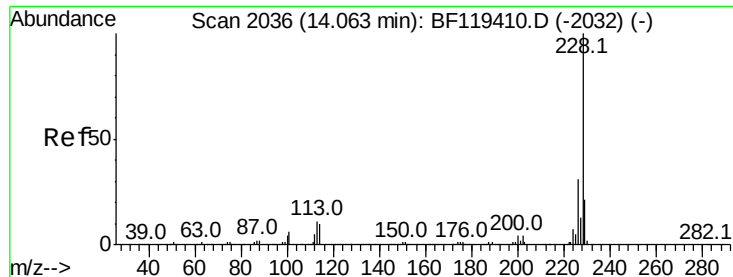
#82
3,3'-Dichlorobenzidine
Concen: 33.302 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion:252 Resp: 364138
Ion Ratio Lower Upper
252 100
254 65.4 51.2 76.8
126 9.9 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E
600000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.990 ng

RT: 13.99 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

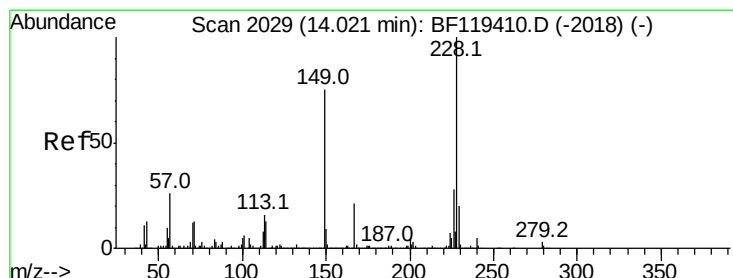
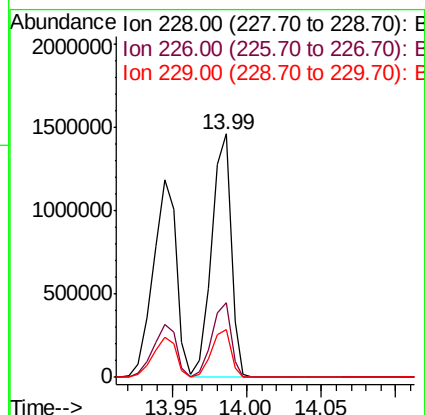
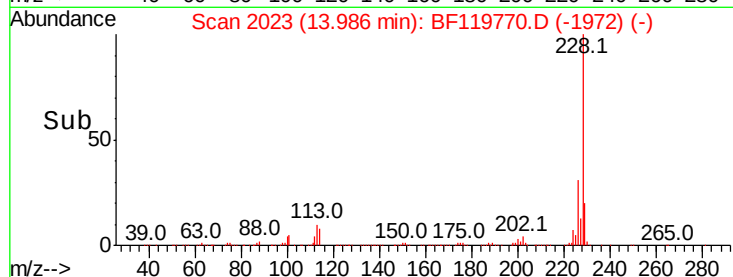
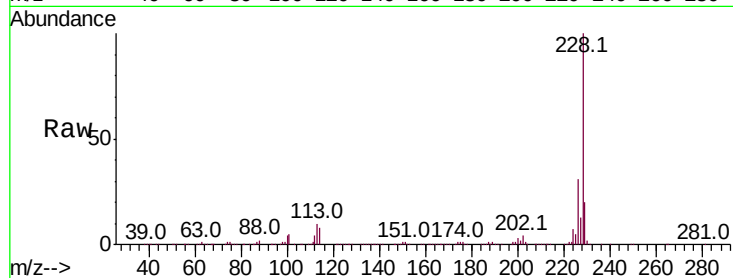
BNA_F

ClientSampleId :

PB128016BS

Tot Ion:228 Resp: 1316236

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	19.6	16.6	24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.681 ng

RT: 13.94 min Scan# 2015

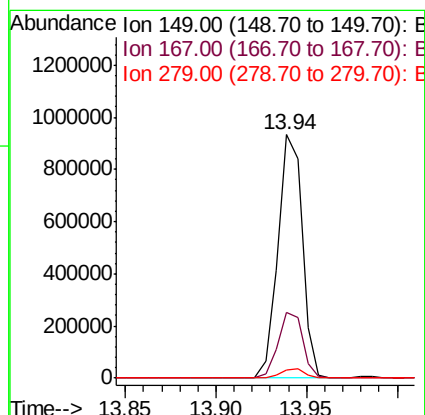
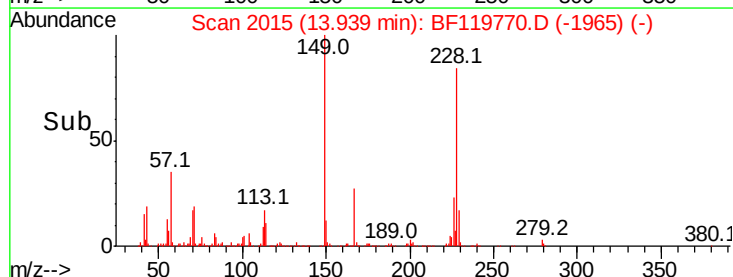
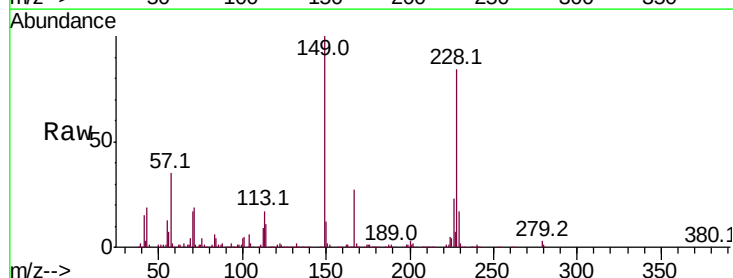
Delta R.T. -0.01 min

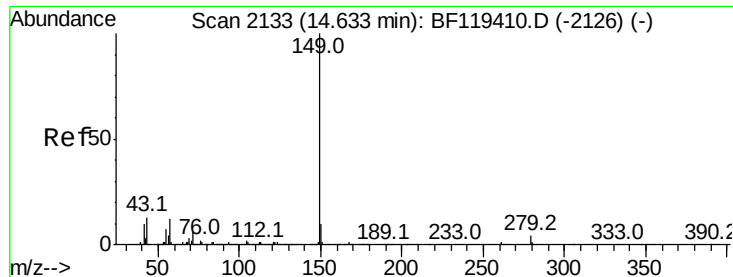
Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Tgt Ion:149 Resp: 872094

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	3.3	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 52.150 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

ClientSampleId :

PB128016BS

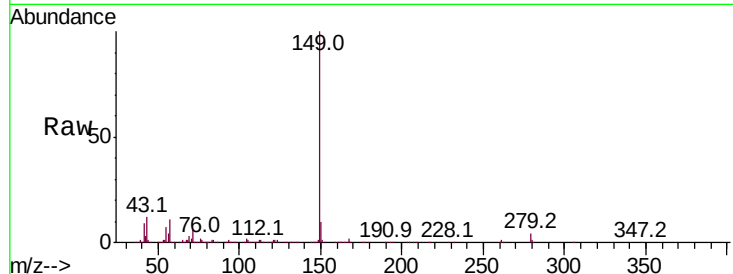
Tot Ion:149 Resp: 1547670

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

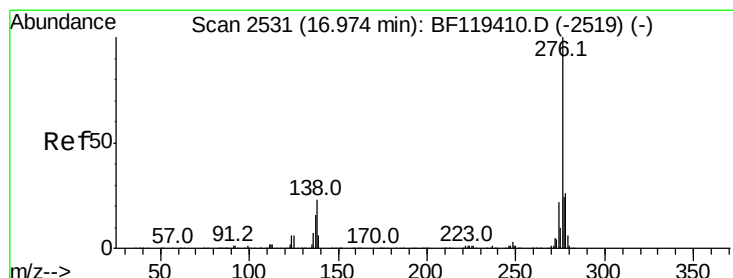
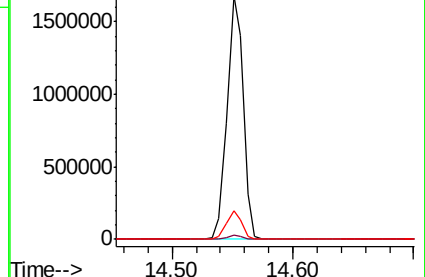
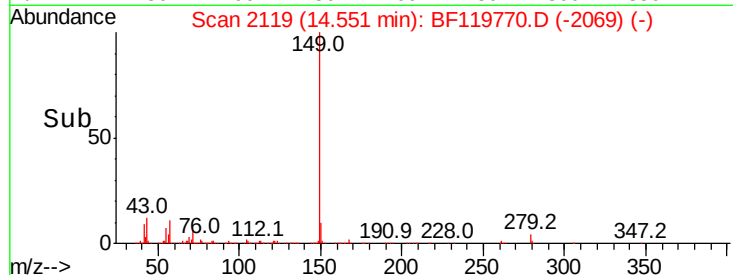
43 11.0 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 57.441 ng

RT: 16.83 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

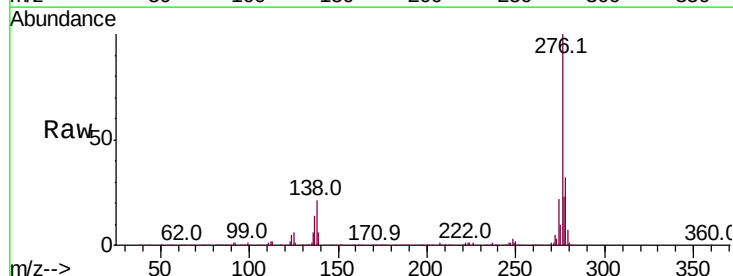
Tgt Ion:276 Resp: 1548310

Ion Ratio Lower Upper

276 100

138 23.0 19.6 29.4

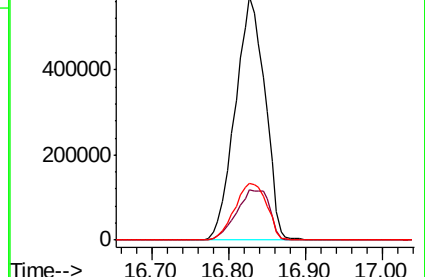
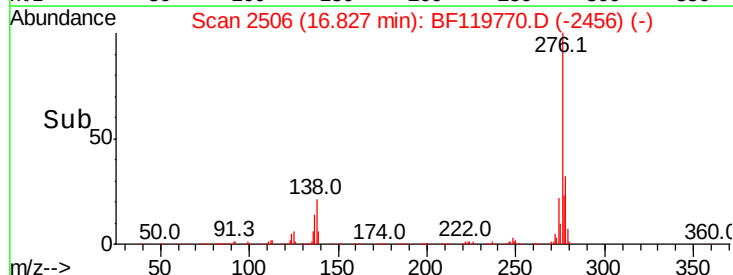
277 25.3 20.0 30.0

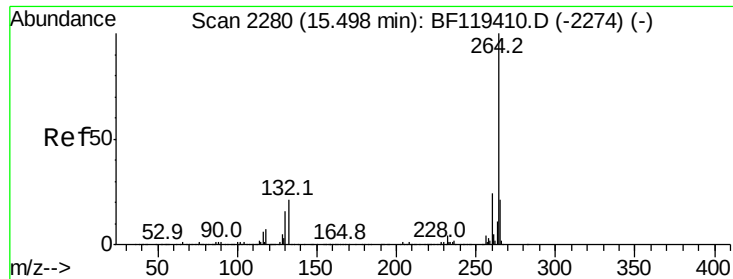


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.00 min

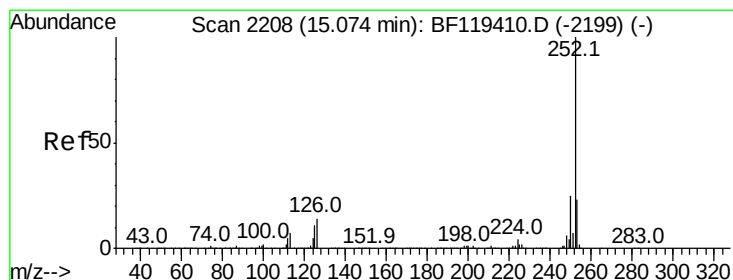
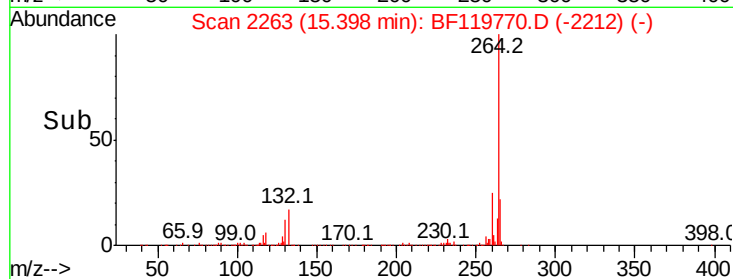
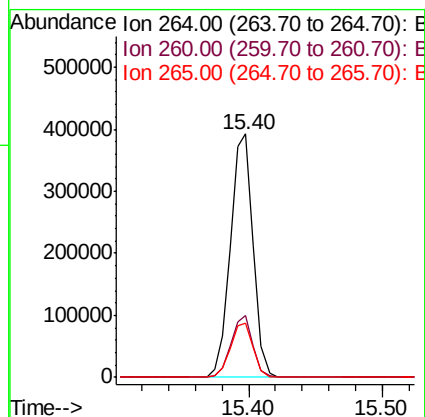
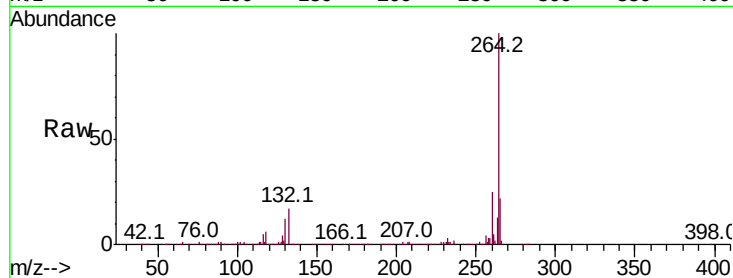
Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion:264 Resp: 468344

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.7	28.1
265	22.1	17.7	26.5



#88

Benzo(b)fluoranthene

Concen: 46.002 ng

RT: 14.98 min Scan# 2192

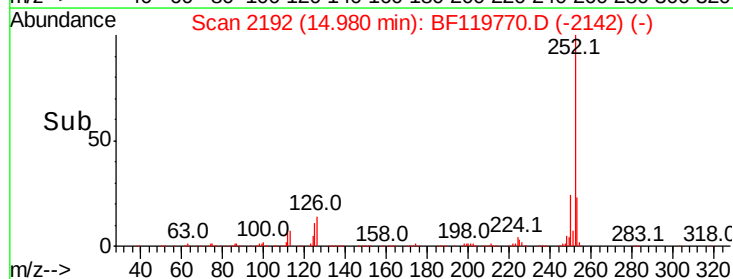
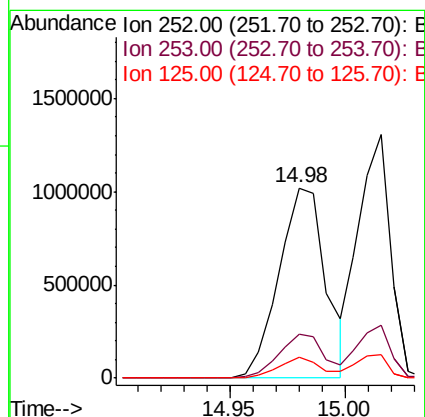
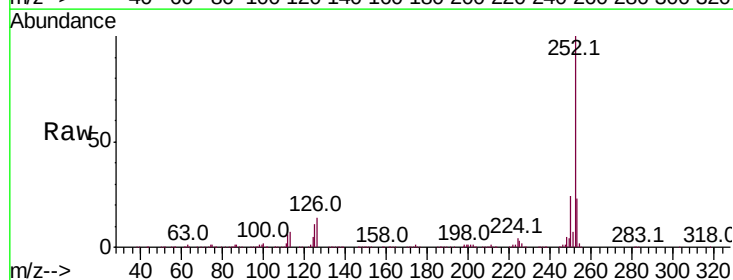
Delta R.T. -0.01 min

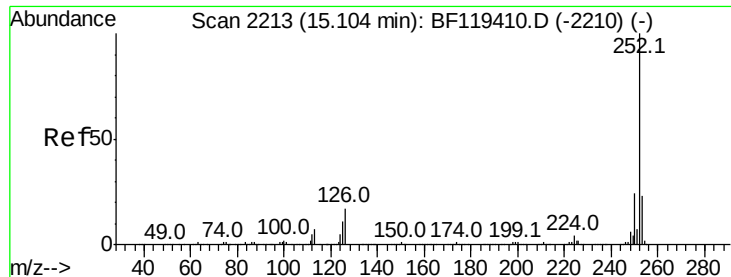
Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Tgt Ion:252 Resp: 1439180

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	10.7	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 42.785 ng

RT: 15.02 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

ClientSampleId :

PB128016BS

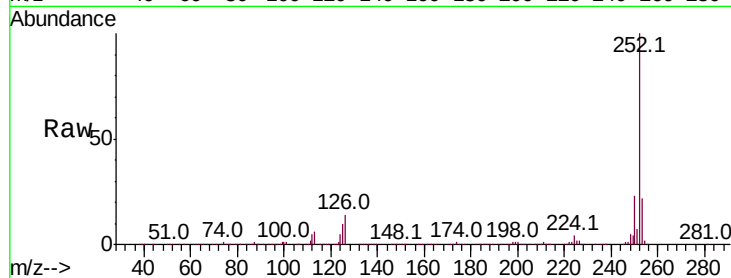
Tot Ion:252 Resp: 1274575

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

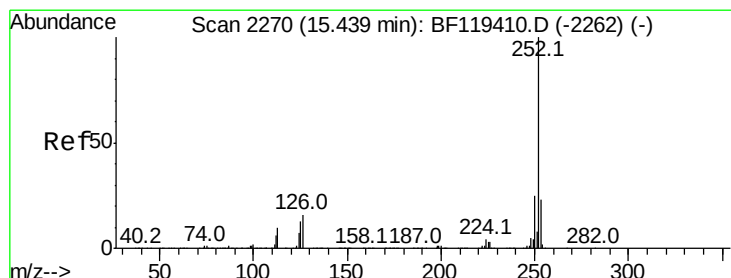
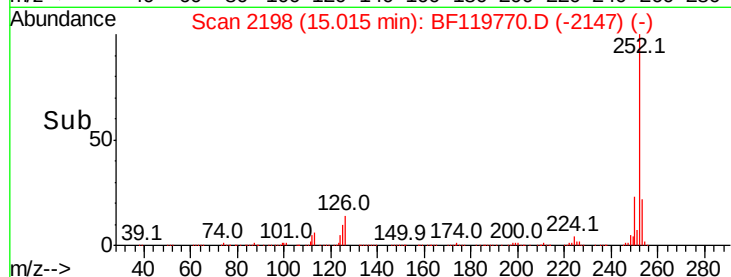
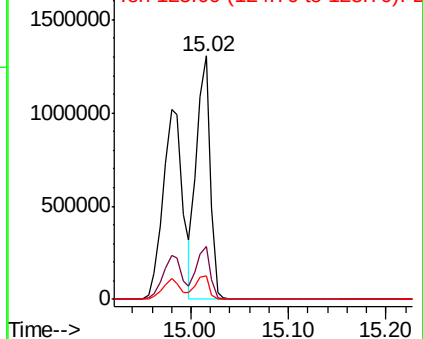
125 9.6 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.367 ng

RT: 15.34 min Scan# 2253

Delta R.T. -0.01 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

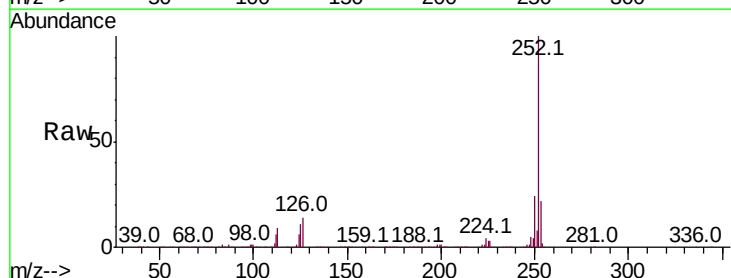
Tgt Ion:252 Resp: 1261430

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

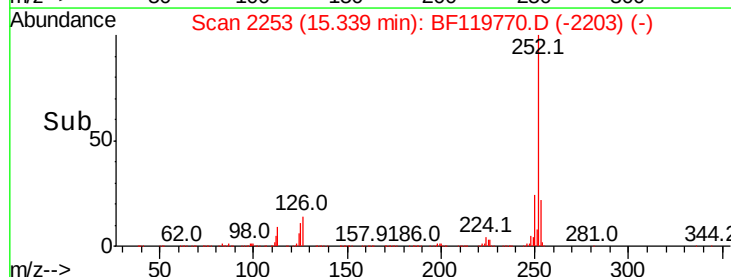
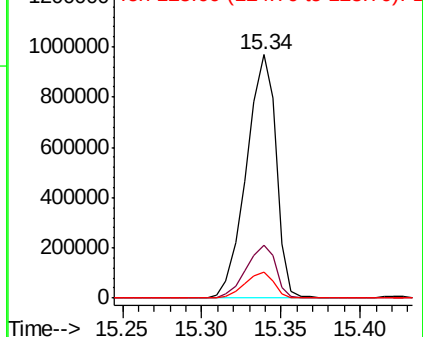
125 10.9 9.4 14.2

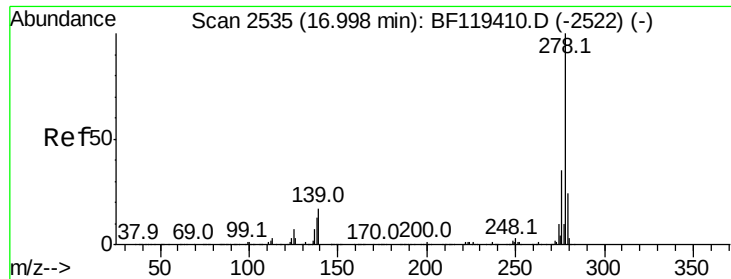


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

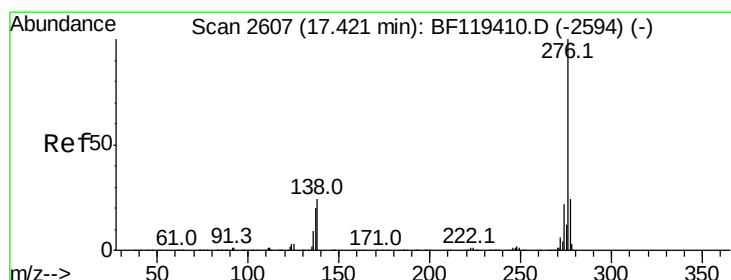
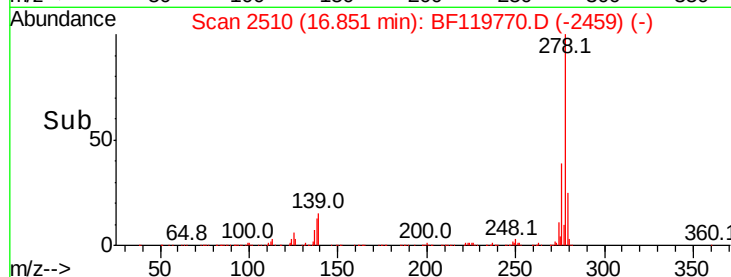
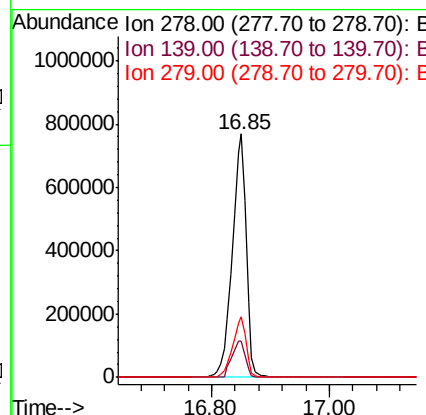
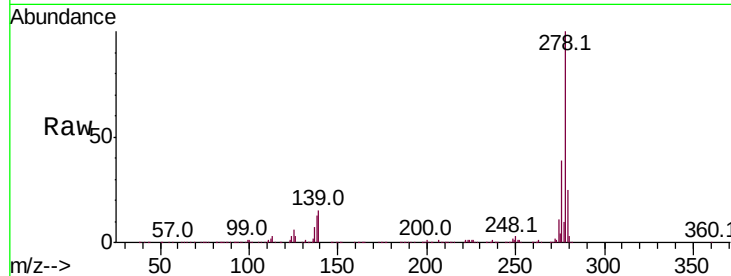




#91
Dibenzo(a,h)anthracene
Concen: 50.890 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion:278 Resp: 1265541
Ion Ratio Lower Upper
278 100
139 14.8 12.6 19.0
279 24.6 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 51.651 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion:276 Resp: 1290409
Ion Ratio Lower Upper
276 100
277 24.3 18.4 27.6
138 20.9 15.4 23.0

