

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119711.D
 Acq On : 3 Apr 2020 11:37
 Operator : MA/SJ
 Sample : PB127859BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BSD

Quant Time: Apr 03 12:09:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	237507	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	930071	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	470885	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	901048	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	661948	20.00	ng	-0.01
87) Perylene-d12	15.43	264	645532	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1216045	81.51	ng	0.01
7) Phenol-d6	6.44	99	1562025	81.96	ng	0.00
23) Nitrobenzene-d5	7.37	82	1337413	78.15	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	438992	90.37	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2401151	75.54	ng	0.00
79) Terphenyl-d14	12.93	244	2773537	82.09	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	237238	32.195	ng	96
3) Pyridine	3.35	79	670592	33.033	ng	94
4) n-Nitrosodimethylamine	3.30	42	361803	36.547	ng	88
6) Aniline	6.47	93	902499	34.310	ng	95
8) 2-Chlorophenol	6.59	128	744336	47.501	ng	95
9) Benzaldehyde	6.35	77	368333	30.465	ng	99
10) Phenol	6.45	94	956259	47.023	ng	100
11) bis(2-Chloroethyl)ether	6.54	93	699108	42.983	ng	99
12) 1,3-Dichlorobenzene	6.75	146	726448	42.834	ng	97
13) 1,4-Dichlorobenzene	6.82	146	745490	43.946	ng	98
14) 1,2-Dichlorobenzene	6.98	146	692248	43.658	ng	98
15) Benzyl Alcohol	6.95	79	603658	42.107	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1208089	36.824	ng	98
17) 2-Methylphenol	7.06	107	591497	41.199	ng	98
18) Hexachloroethane	7.32	117	272597	43.849	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	476498	41.479	ng	97
20) 3+4-Methylphenols	7.22	107	710278	40.367	ng	# 84
22) Acetophenone	7.22	105	923607	41.560	ng	95
24) Nitrobenzene	7.39	77	746726	40.830	ng	98
25) Isophorone	7.63	82	1356850	39.086	ng	99
26) 2-Nitrophenol	7.71	139	391584	54.379	ng	# 86
27) 2,4-Dimethylphenol	7.75	122	622599	41.814	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	861417	41.963	ng	99
29) 2,4-Dichlorophenol	7.95	162	593974	43.415	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	630764	41.689	ng	99
31) Naphthalene	8.12	128	2007112	41.935	ng	99
32) Benzoic acid	7.88	122	512083	53.464	ng	93
33) 4-Chloroaniline	8.16	127	585901	26.715	ng	97
34) Hexachlorobutadiene	8.23	225	350225	41.371	ng	99
35) Caprolactam	8.53	113	109792	24.520	ng	94
36) 4-Chloro-3-methylphenol	8.65	107	638900	42.727	ng	99
37) 2-Methylnaphthalene	8.81	142	1354407	43.118	ng	97
38) 1-Methylnaphthalene	8.91	142	1290631	43.409	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	575408	41.690	ng	99

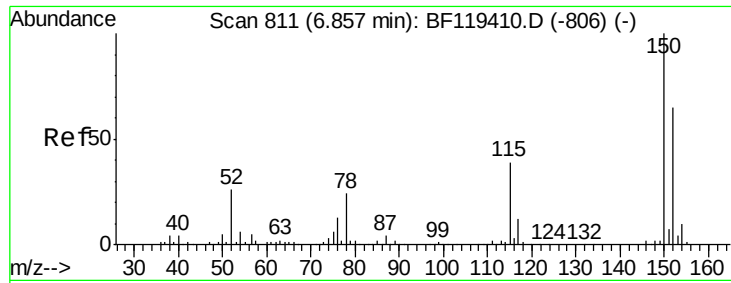
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	687749	87.649	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	443130	44.865	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	459033	41.487	ng	96
46) 1,1'-Biphenyl	9.27	154	1601609	41.761	ng	99
47) 2-Chloronaphthalene	9.30	162	1259087	41.912	ng	99
48) 2-Nitroaniline	9.39	65	457904	44.161	ng	95
49) Acenaphthylene	9.72	152	1991531	42.216	ng	99
50) Dimethylphthalate	9.58	163	1439242	43.030	ng	100
51) 2,6-Dinitrotoluene	9.64	165	338936	47.277	ng	93
52) Acenaphthene	9.89	154	1223809	41.612	ng	99
53) 3-Nitroaniline	9.80	138	266006	29.390	ng	95
54) 2,4-Dinitrophenol	9.92	184	411620	127.899	ng	98
55) Dibenzofuran	10.06	168	1781186	42.242	ng	97
56) 4-Nitrophenol	9.97	139	636562	89.154	ng	86
57) 2,4-Dinitrotoluene	10.05	165	453481	50.212	ng	# 84
58) Fluorene	10.40	166	1351978	43.359	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	391635	47.353	ng	97
60) Diethylphthalate	10.28	149	1481439	43.640	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	647417	42.459	ng	99
62) 4-Nitroaniline	10.43	138	386008	44.475	ng	89
63) Azobenzene	10.56	77	1414250	41.371	ng	96
65) 4,6-Dinitro-2-methylphenol	10.45	198	259740	68.745	ng	99
66) n-Nitrosodiphenylamine	10.52	169	1258221	42.536	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	427956	41.704	ng	94
68) Hexachlorobenzene	10.95	284	467391	44.502	ng	95
69) Atrazine	11.05	200	376609	46.441	ng	98
70) Pentachlorophenol	11.15	266	535304	86.924	ng	98
71) Phenanthrene	11.36	178	2002667	42.864	ng	99
72) Anthracene	11.42	178	2070463	43.602	ng	99
73) Carbazole	11.57	167	1953944	41.572	ng	100
74) Di-n-butylphthalate	11.90	149	2260938	44.968	ng	100
75) Fluoranthene	12.56	202	2197893	43.468	ng	97
77) Benzidine	12.67	184	1119918	39.977	ng	99
78) Pyrene	12.79	202	2219060	40.848	ng	99
80) Butylbenzylphthalate	13.40	149	954599	43.446	ng	98
81) Benzo(a)anthracene	13.97	228	1812310	42.102	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	548819	32.336	ng	97
83) Chrysene	14.01	228	1846885	41.573	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1203220	45.937	ng	99
85) Di-n-octyl phthalate	14.57	149	2215190	48.088	ng	97
86) Indeno(1,2,3-cd)pyrene	16.89	276	1767149	42.237	ng	99
88) Benzo(b)fluoranthene	15.02	252	1860782	43.152	ng	98
89) Benzo(k)fluoranthene	15.04	252	1797902	43.787	ng	99
90) Benzo(a)pyrene	15.38	252	1662887	42.433	ng	98
91) Dibenzo(a,h)anthracene	16.91	278	1462301	42.662	ng	100
92) Benzo(g,h,i)perylene	17.33	276	1462879	42.482	ng	96

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

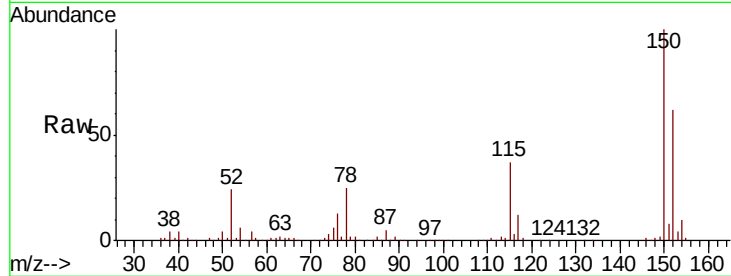


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.5	124.5	186.7
115	60.6	49.6	74.4

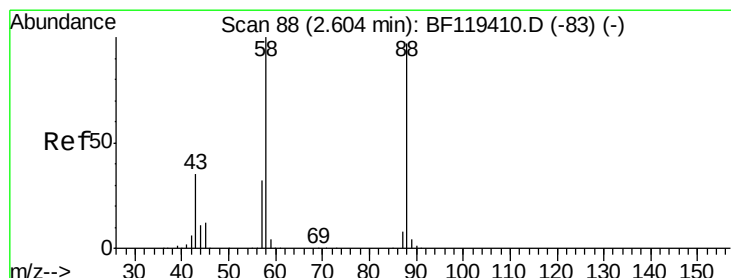
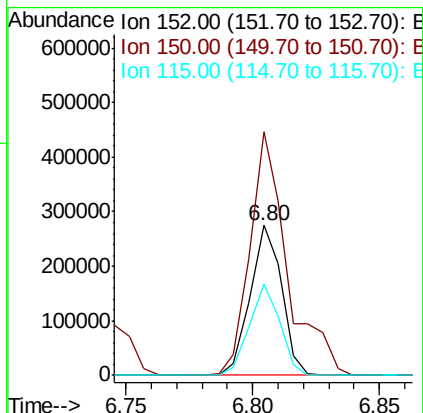
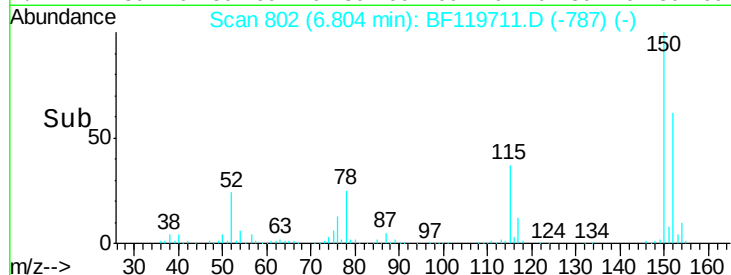


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

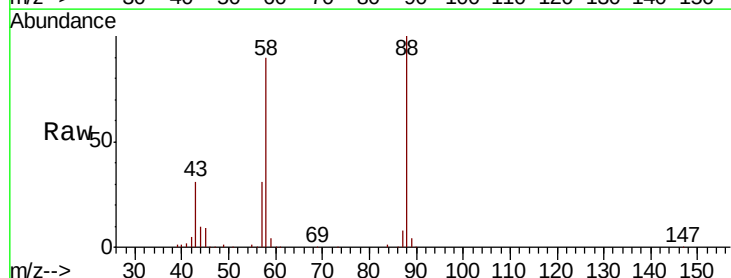
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.195 ng
RT: 2.62 min Scan# 91
Delta R.T. 0.10 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.1	80.6	121.0
43	33.0	27.5	41.3

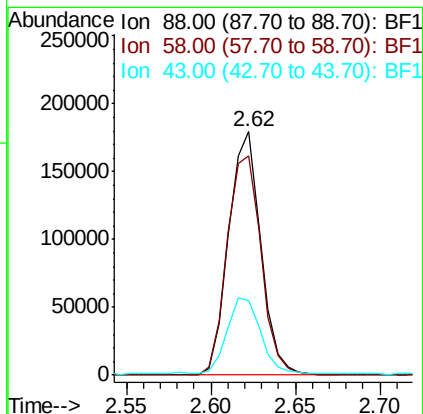
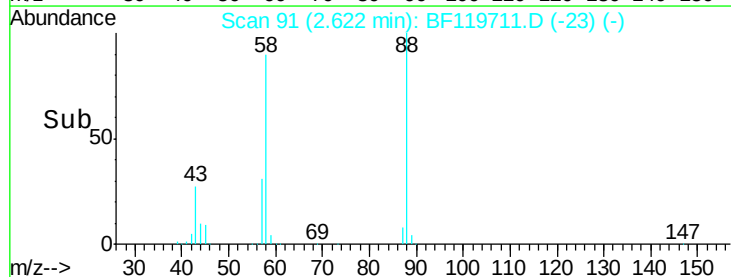


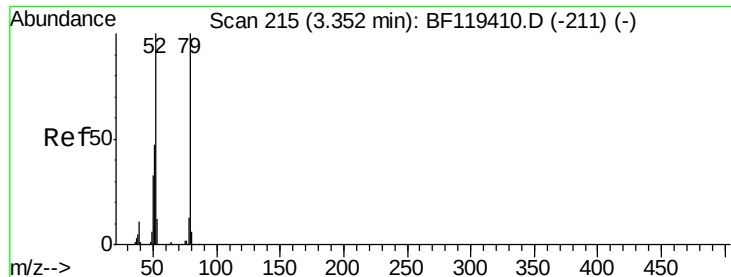
Abundance

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: 33.033 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.09 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127859BSD

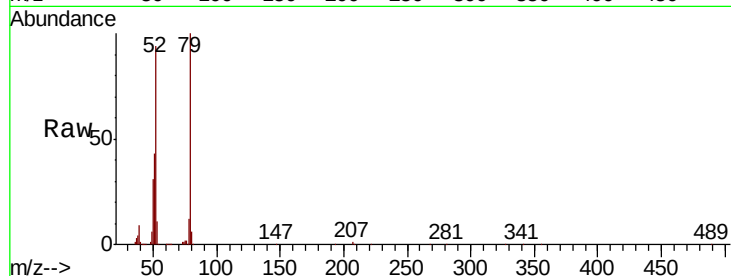
Tot Ion: 79 Resp: 670592

Ion Ratio Lower Upper

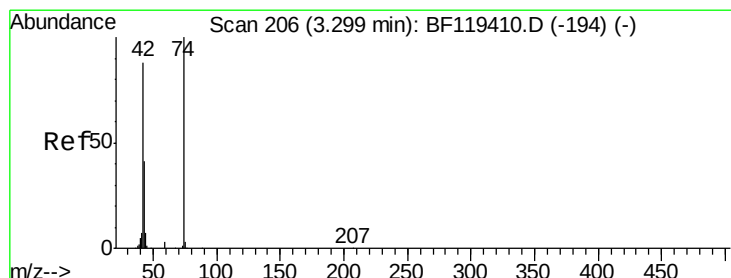
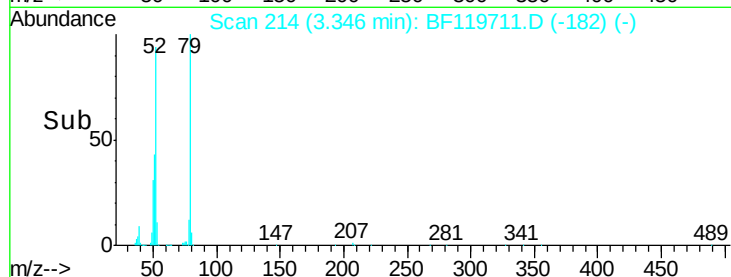
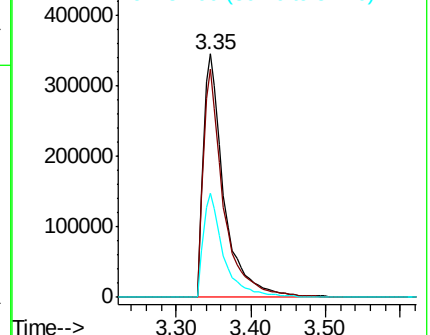
79 100

52 93.7 80.2 120.2

51 42.7 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: 36.547 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.09 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

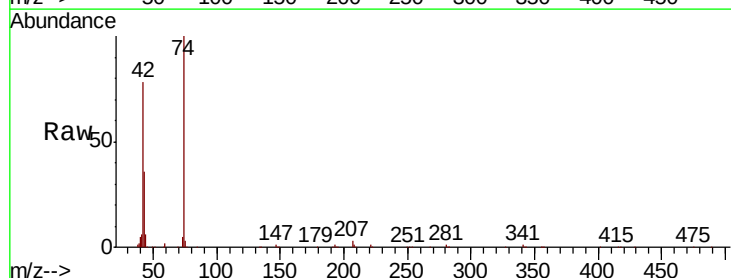
Tgt Ion: 42 Resp: 361803

Ion Ratio Lower Upper

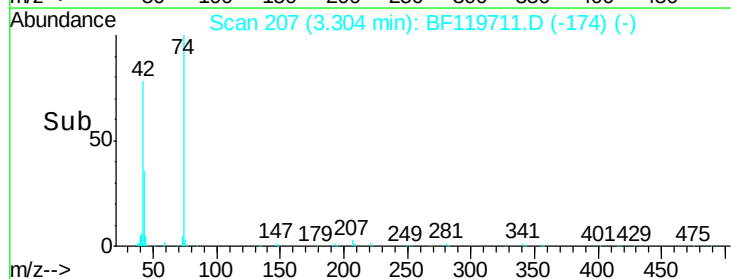
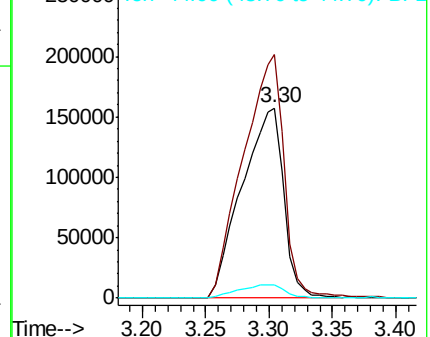
42 100

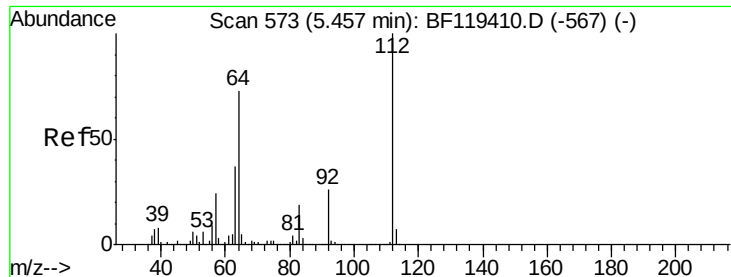
74 128.0 91.5 137.3

44 7.2 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: 81.506 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127859BSD

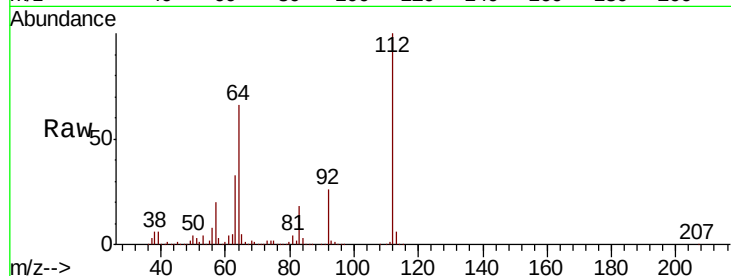
Tot Ion:112 Resp: 1216045

Ion Ratio Lower Upper

112 100

64 65.5 56.7 85.1

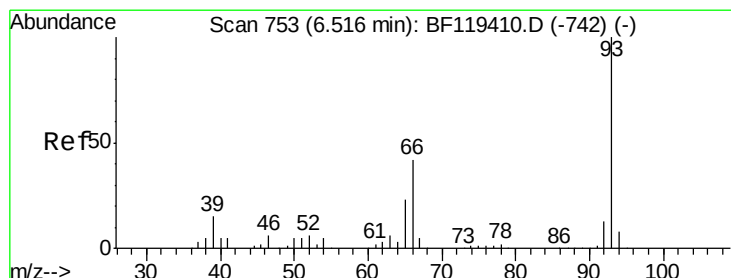
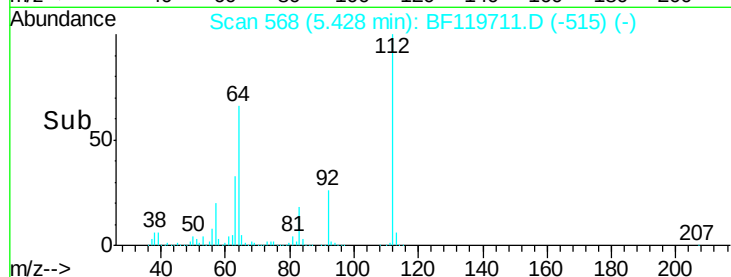
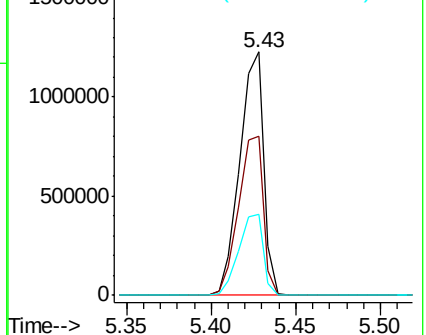
63 33.2 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.310 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

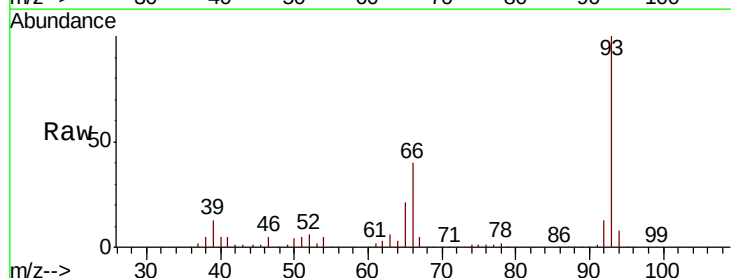
Tgt Ion: 93 Resp: 902499

Ion Ratio Lower Upper

93 100

66 40.3 34.9 52.3

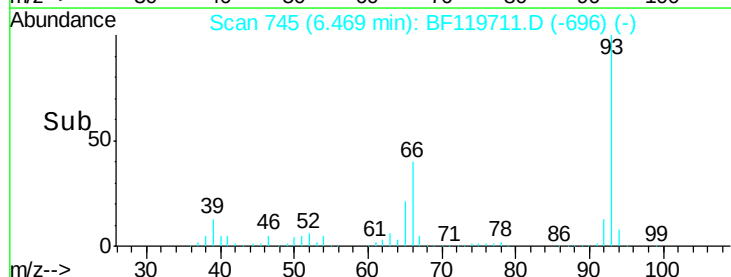
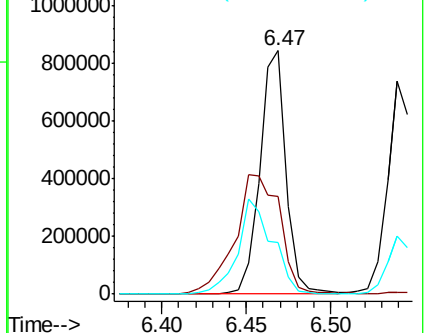
65 21.3 18.6 27.8

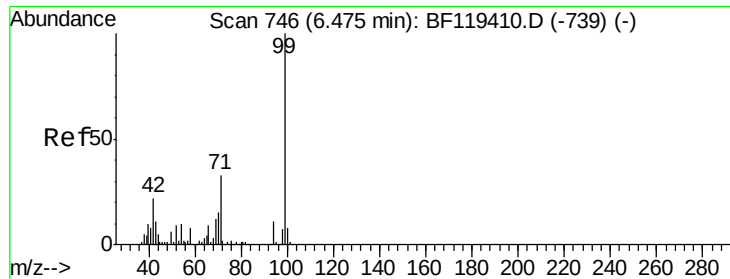


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.958 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

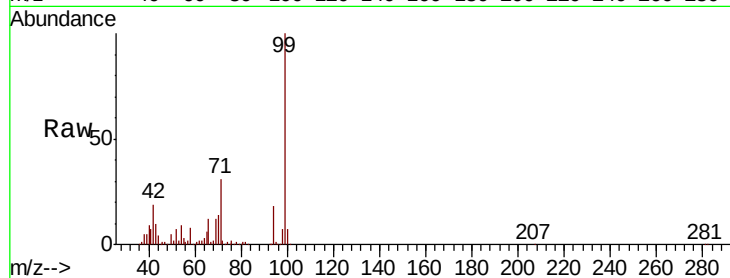
BNA_F

ClientSampleId :

PB127859BSD

Tot Ion: 99 Resp: 1562025

Ion	Ratio	Lower	Upper
99	100		
42	18.9	16.6	24.8
71	31.5	26.4	39.6

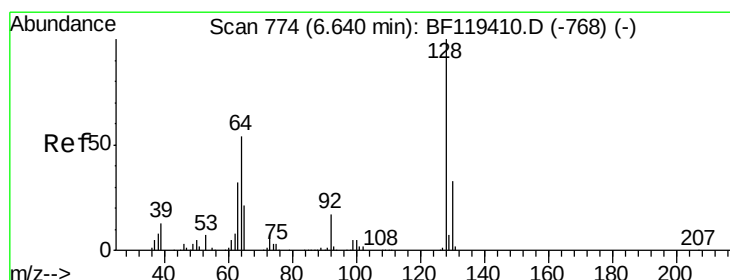
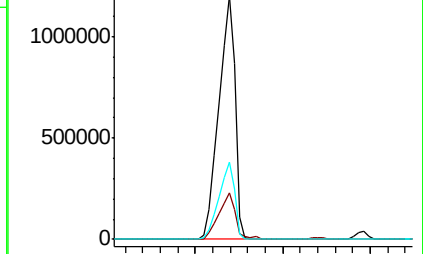
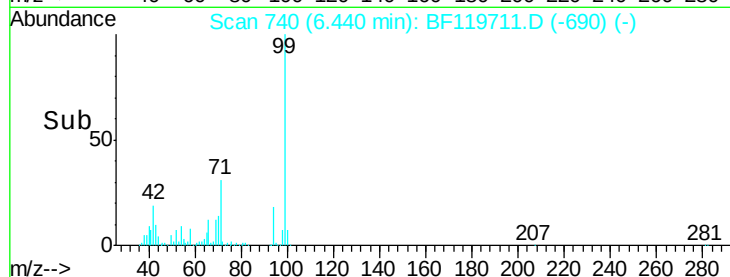


Abundance

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: 47.501 ng

RT: 6.59 min Scan# 766

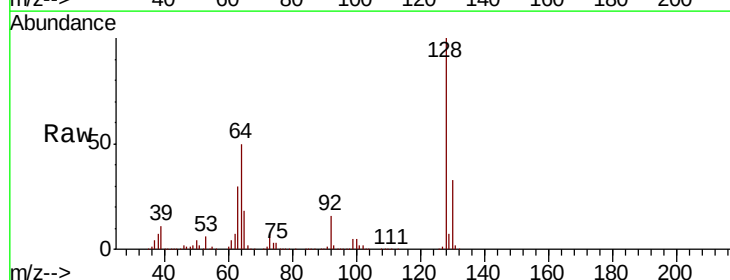
Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Tgt Ion: 128 Resp: 744336

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.6	52.6
64	50.2	35.3	75.3

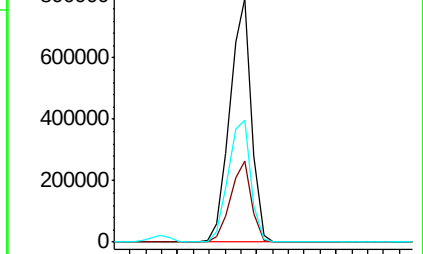
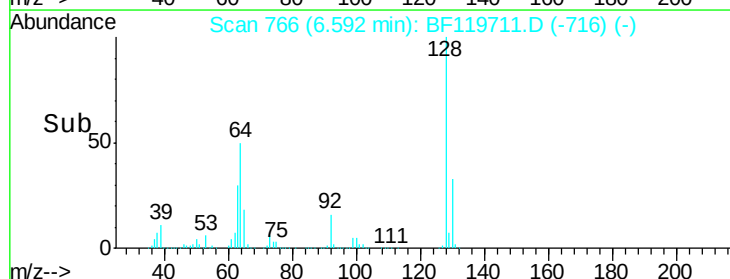


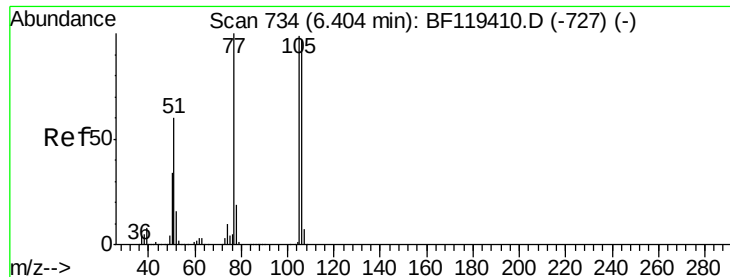
Abundance

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: 30.465 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127859BSD

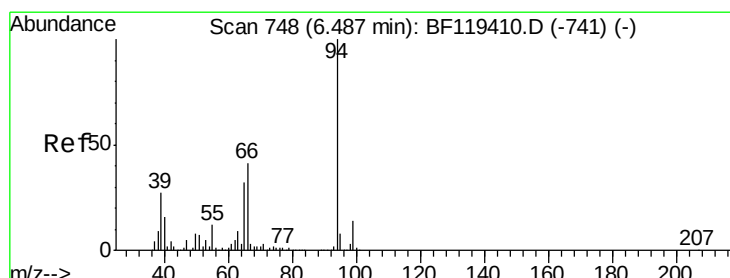
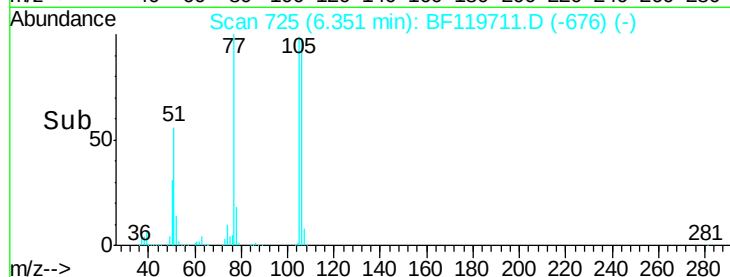
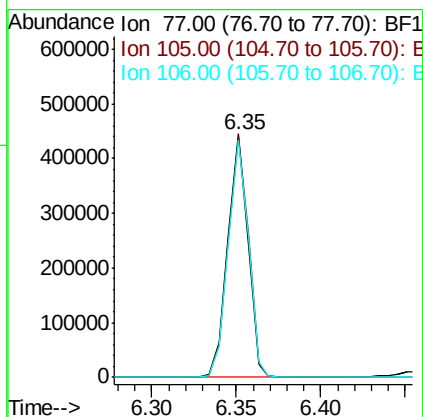
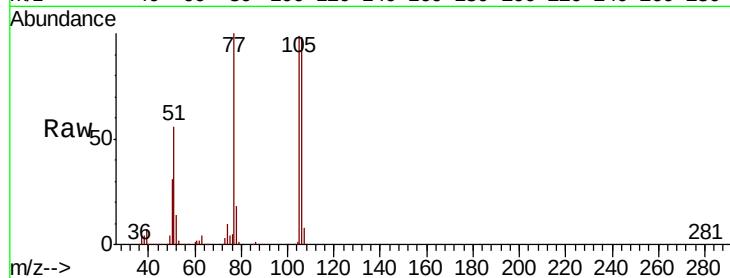
Tot Ion: 77 Resp: 368333

Ion Ratio Lower Upper

77 100

105 99.2 80.9 120.9

106 97.6 77.9 117.9



#10

Phenol

Concen: 47.023 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

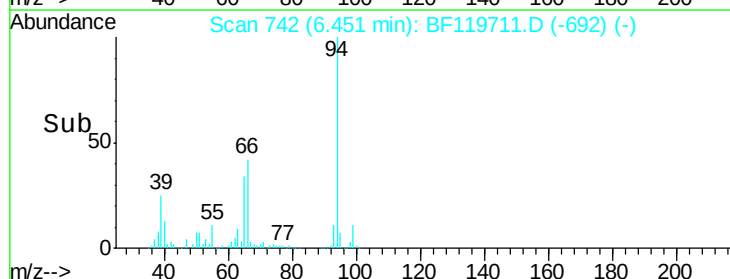
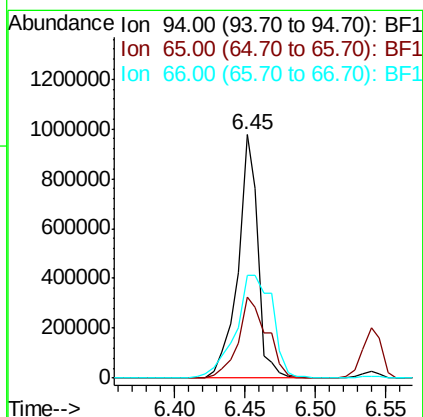
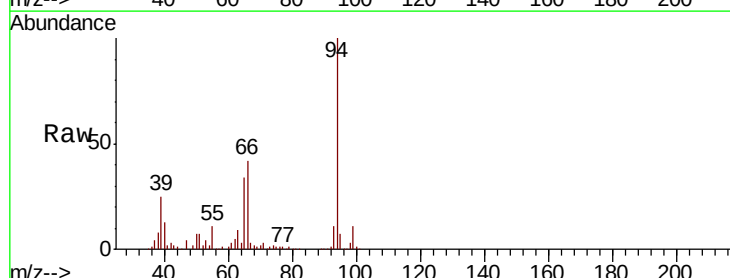
Tgt Ion: 94 Resp: 956259

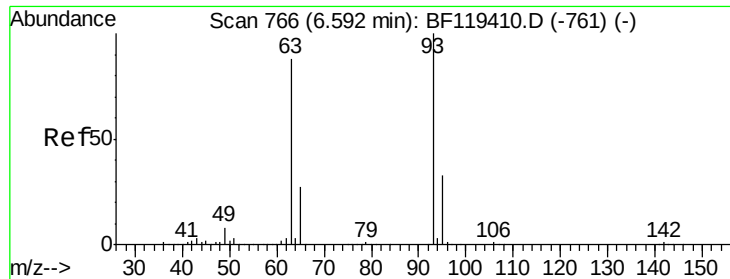
Ion Ratio Lower Upper

94 100

65 33.5 13.2 53.2

66 42.3 22.3 62.3

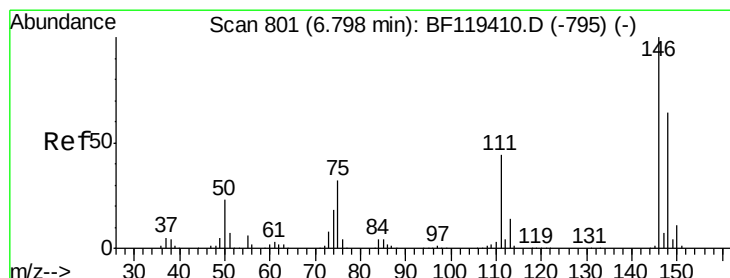
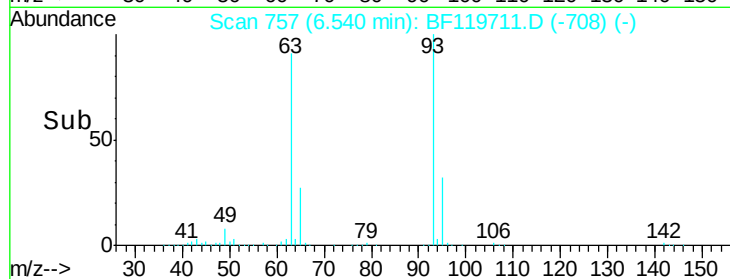
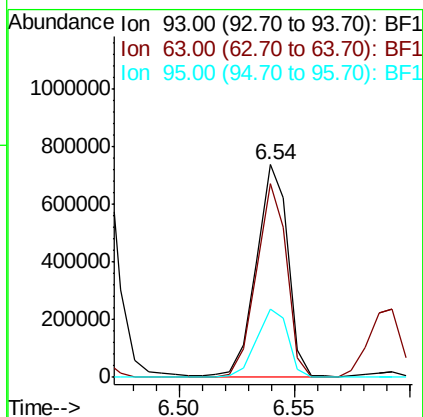
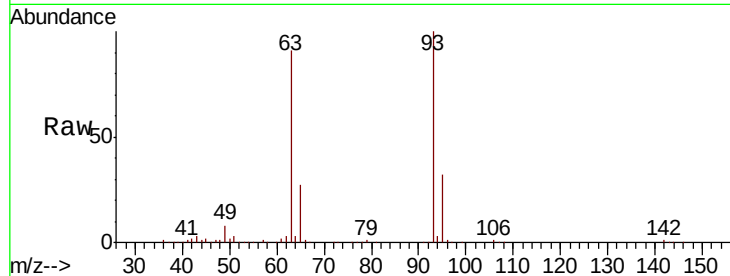




#11
bis(2-Chloroethyl)ether
Concen: 42.983 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

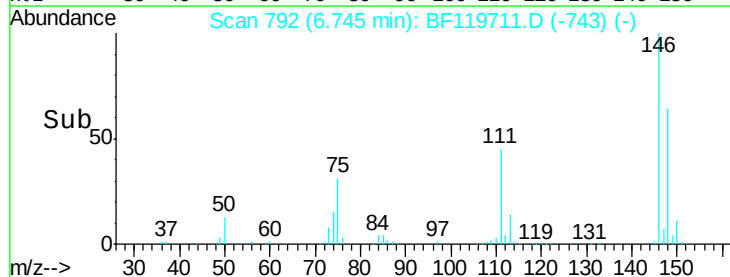
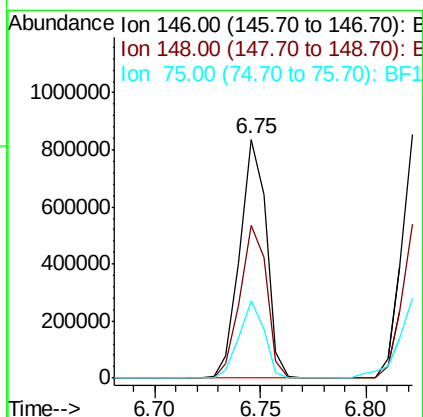
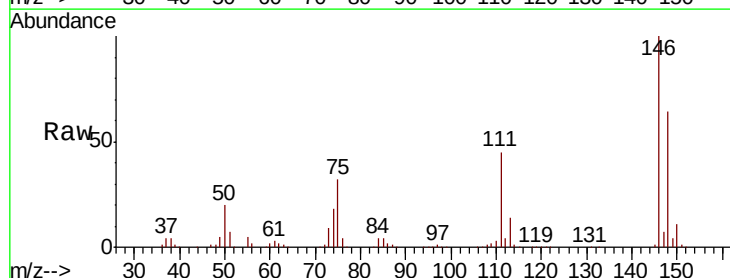
Instrument :
BNA_F
ClientSampleId :
PB127859BSD

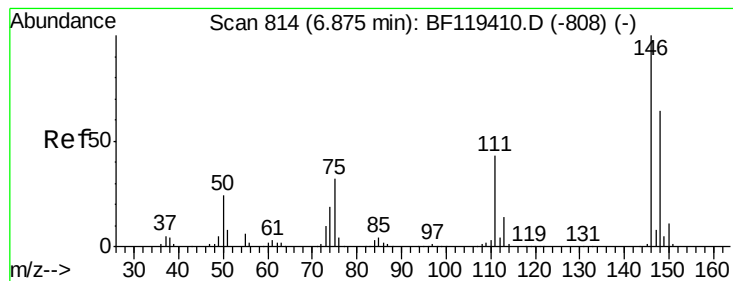
Tot Ion: 93 Resp: 699108
Ion Ratio Lower Upper
93 100
63 91.0 70.2 110.2
95 32.3 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 42.834 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion: 146 Resp: 726448
Ion Ratio Lower Upper
146 100
148 63.8 52.2 78.4
75 32.4 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 43.946 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127859BSD

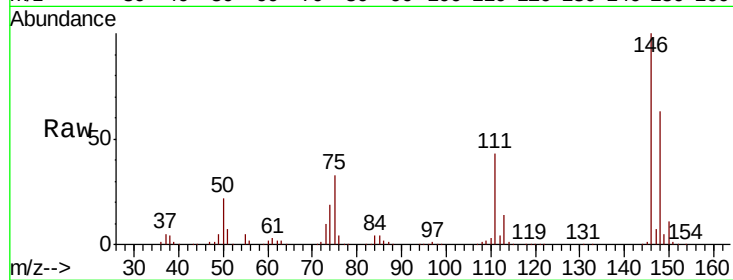
Tot Ion:146 Resp: 745490

Ion Ratio Lower Upper

146 100

148 63.2 51.5 77.3

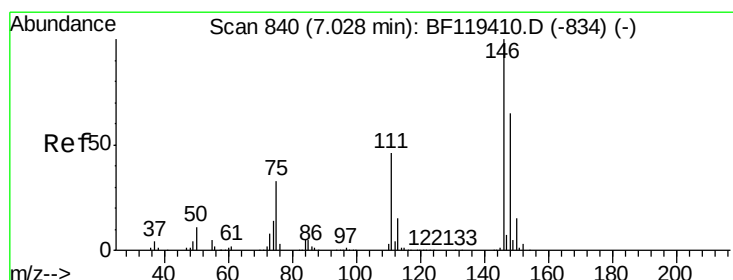
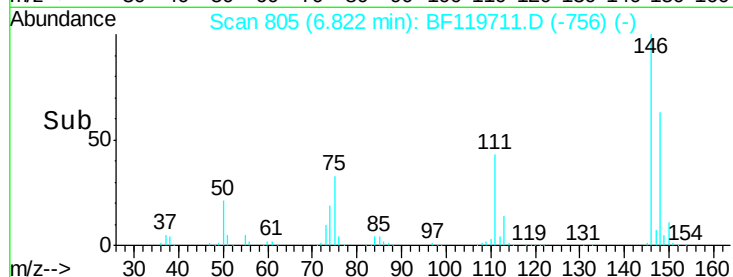
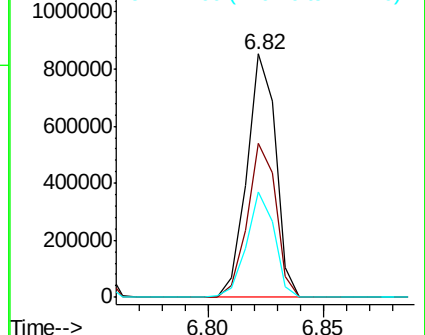
111 43.2 33.3 49.9



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: 43.658 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

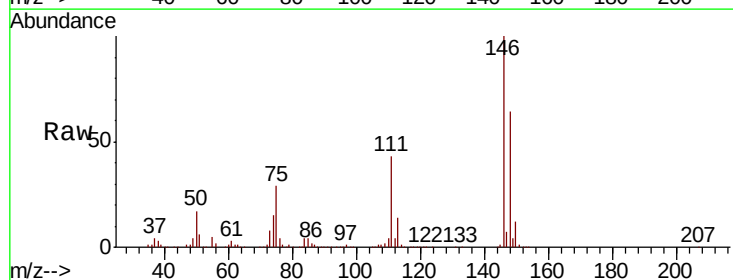
Tgt Ion:146 Resp: 692248

Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

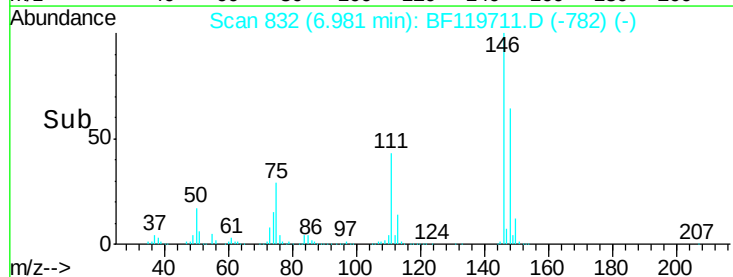
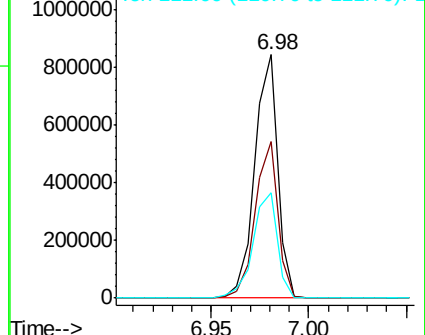
111 43.5 36.1 54.1

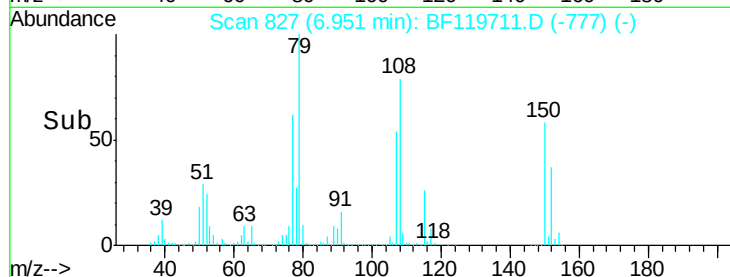
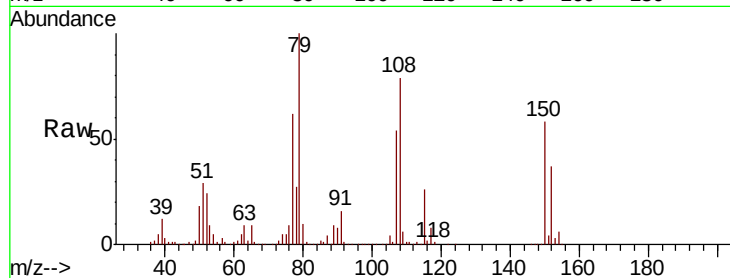
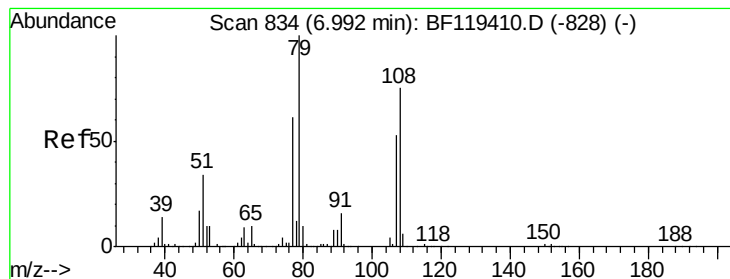


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.107 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127859BSD

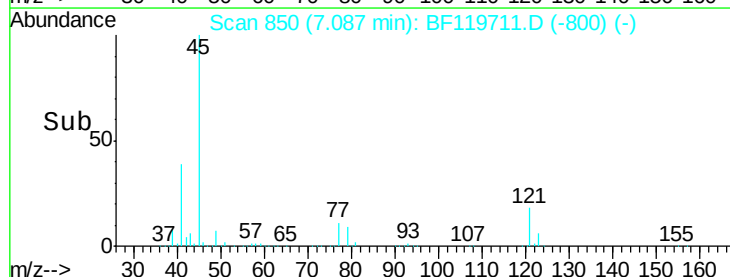
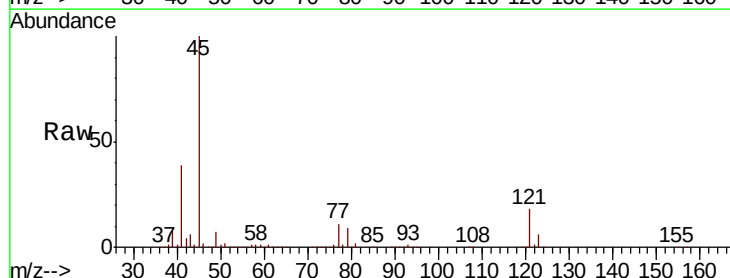
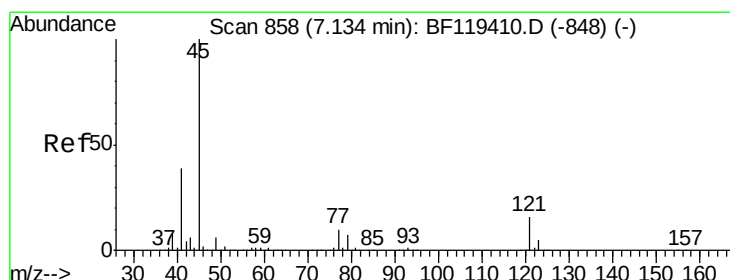
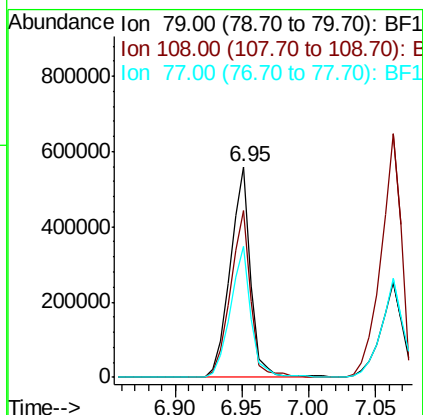
Tot Ion: 79 Resp: 603658

Ion Ratio Lower Upper

79 100

108 78.9 60.6 90.8

77 61.8 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.824 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

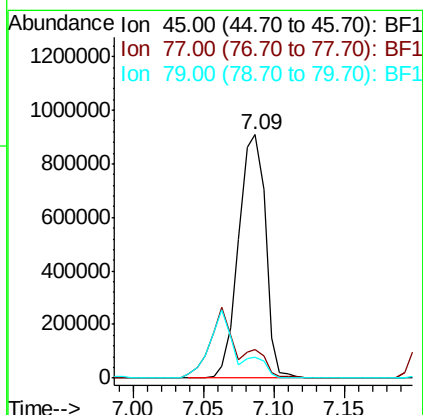
Tgt Ion: 45 Resp: 1208089

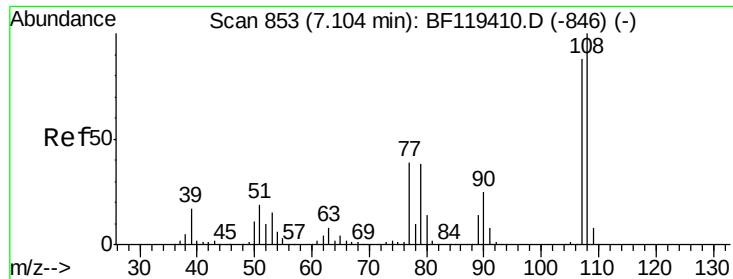
Ion Ratio Lower Upper

45 100

77 11.5 0.0 30.7

79 8.8 0.0 28.2

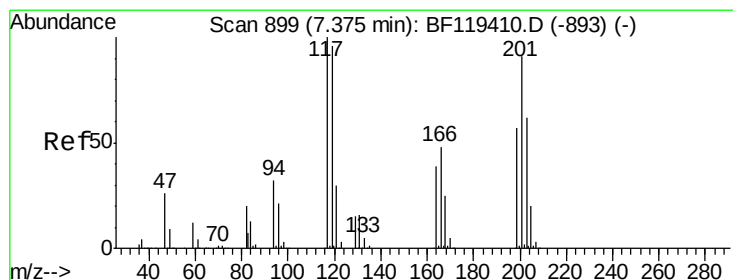
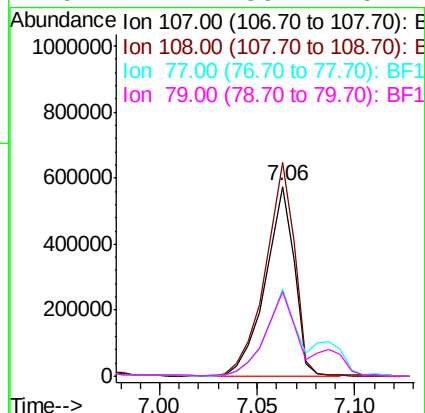
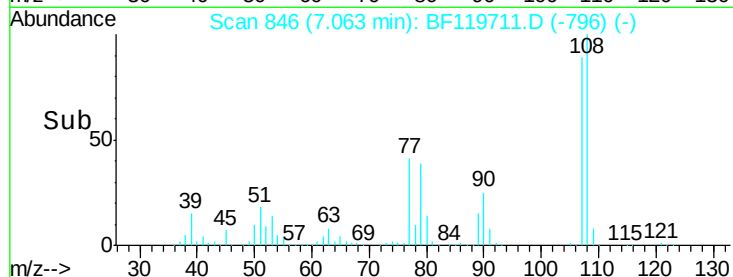
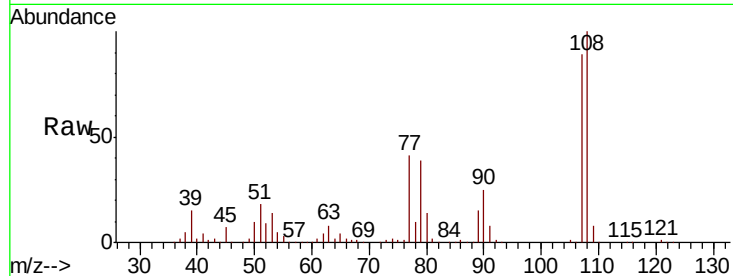




#17
2-Methylphenol
Concen: 41.199 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

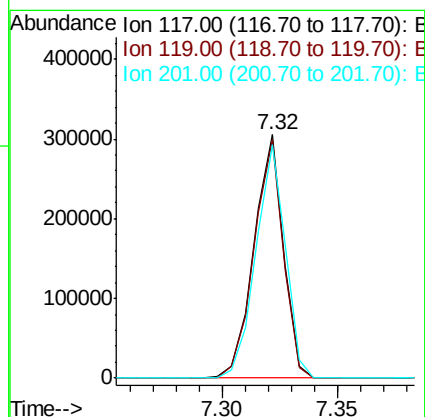
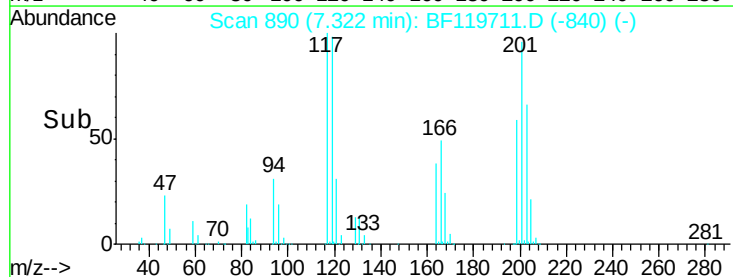
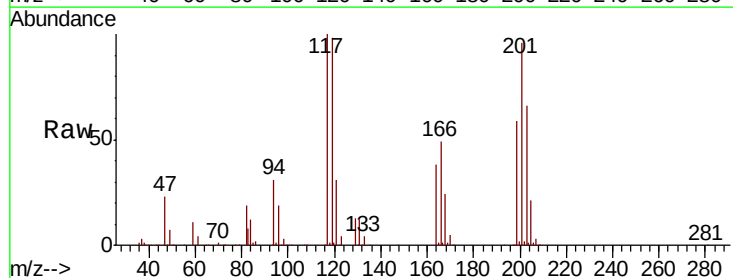
Instrument :
BNA_F
ClientSampleId :
PB127859BSD

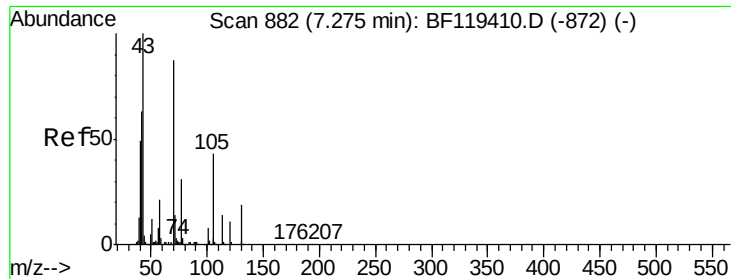
Tot Ion:	107	Resp:	591497
Ion	Ratio	Lower	Upper
107	100		
108	112.4	92.2	138.4
77	45.6	36.6	54.8
79	44.1	36.2	54.4



#18
Hexachloroethane
Concen: 43.849 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion:	117	Resp:	272597
Ion	Ratio	Lower	Upper
117	100		
119	98.2	76.1	114.1
201	95.8	73.0	109.6

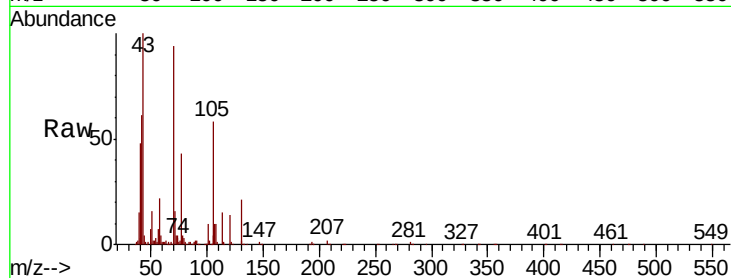




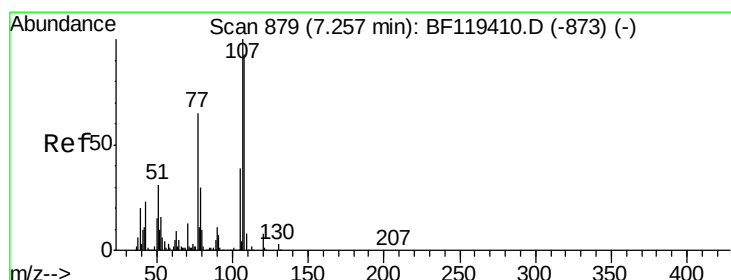
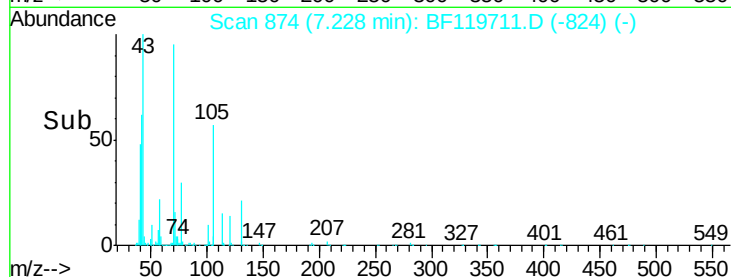
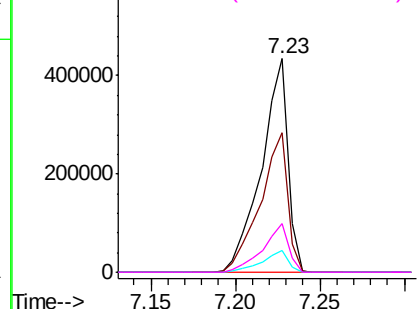
#19
n-Nitroso-di-n-propylamine
Concen: 41.479 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion:	70	Resp:	476498
Ion	Ratio	Lower	Upper
70	100		
42	65.3	54.5	81.7
101	10.3	7.6	11.4
130	22.6	17.6	26.4

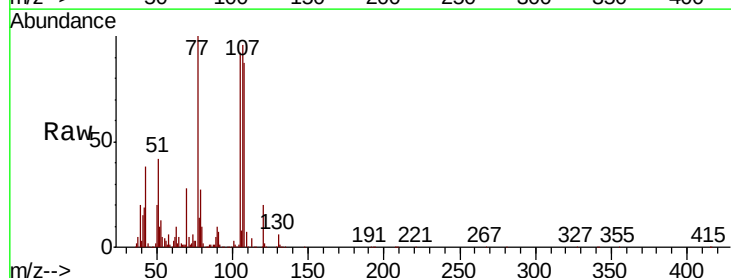


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

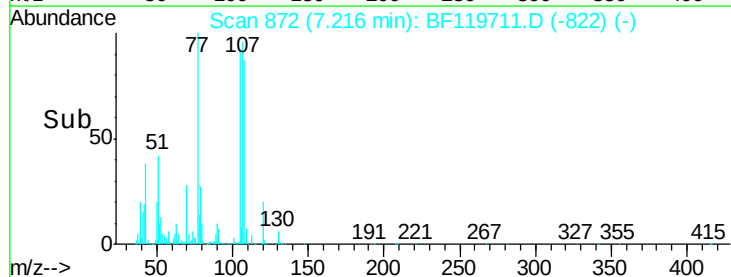
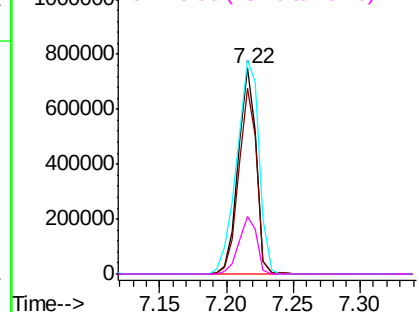


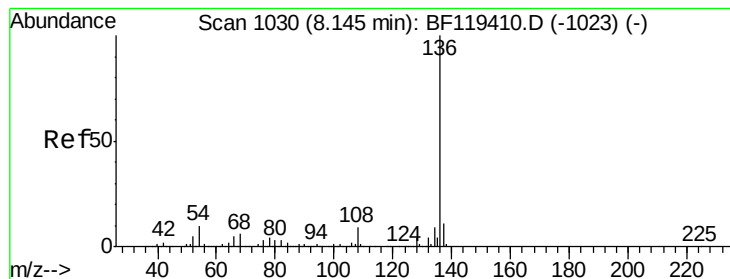
#20
3+4-Methylphenols
Concen: 40.367 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion:	107	Resp:	710278
Ion	Ratio	Lower	Upper
107	100		
108	90.4	67.9	107.9
77	103.9	52.9	92.9
79	28.2	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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127859BSD

Tot Ion:136 Resp: 930071

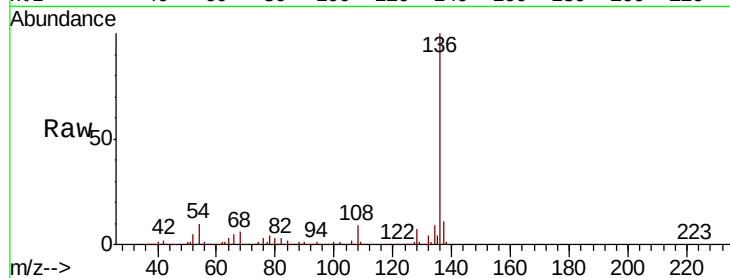
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.3 9.1 13.7

68 5.7 4.6 6.8

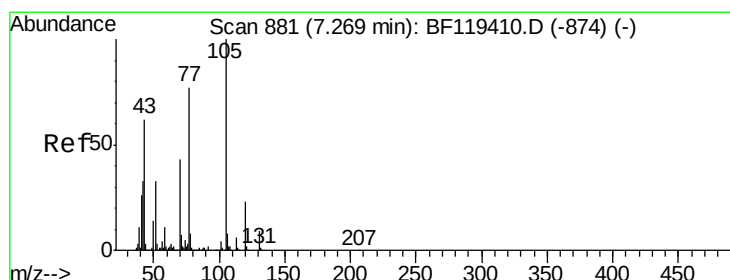
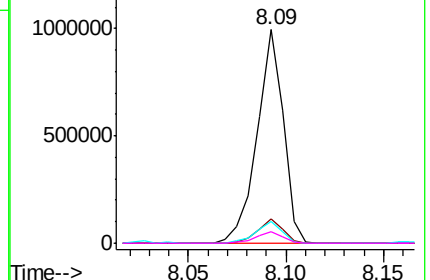
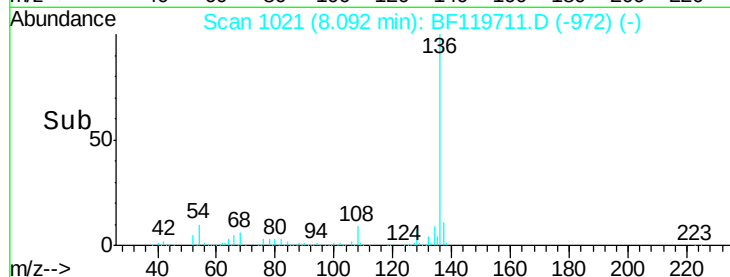


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.560 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Tgt Ion:105 Resp: 923607

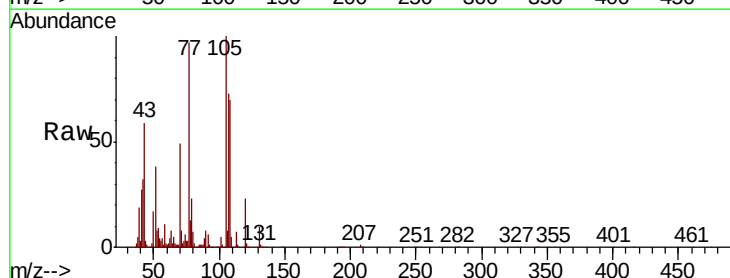
Ion Ratio Lower Upper

105 100

71 8.1 5.7 8.5

51 37.6 26.2 39.4

120 22.5 18.3 27.5

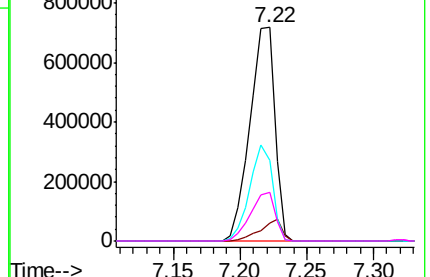
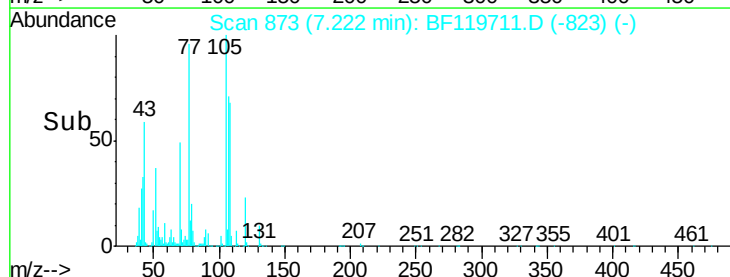


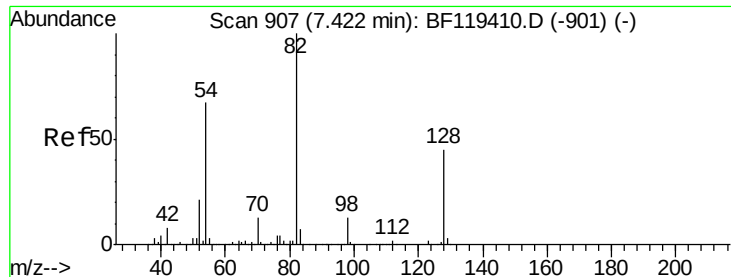
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 78.151 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127859BSD

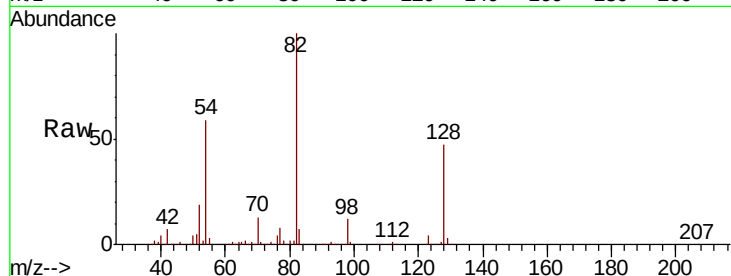
Tot Ion: 82 Resp: 1337413

Ion Ratio Lower Upper

82 100

128 46.9 36.3 54.5

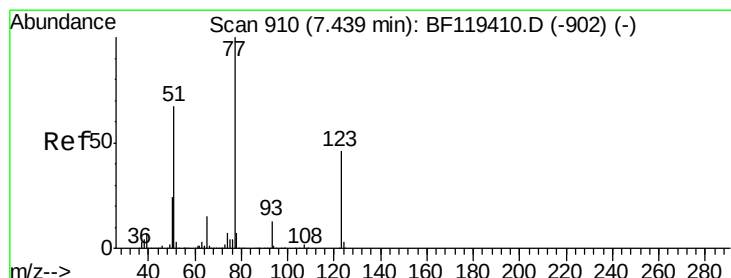
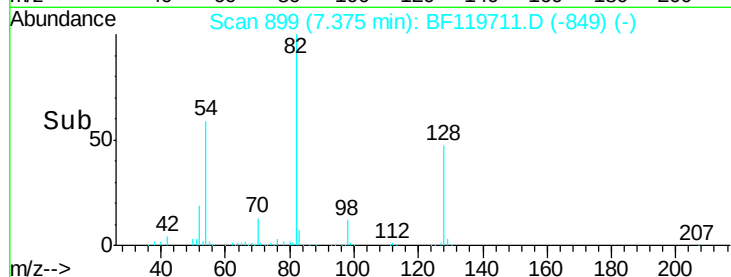
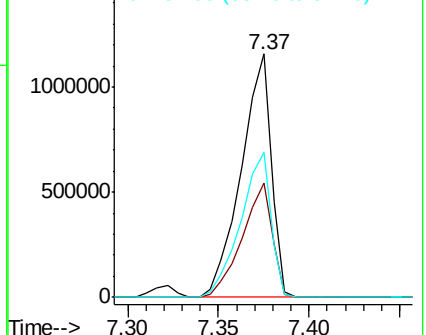
54 59.4 50.6 75.8



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: 40.830 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

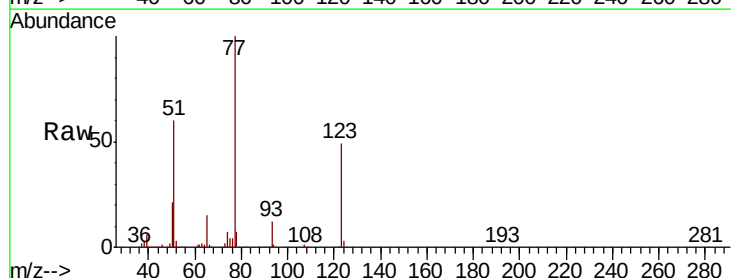
Tgt Ion: 77 Resp: 746726

Ion Ratio Lower Upper

77 100

123 48.6 38.0 57.0

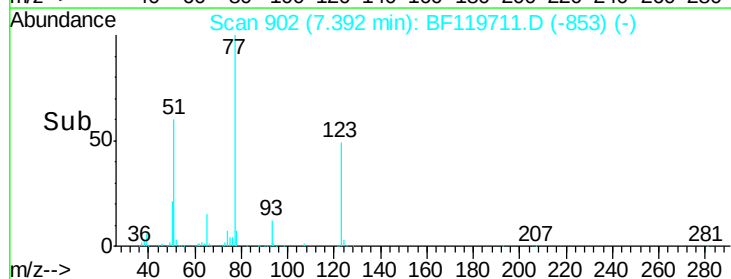
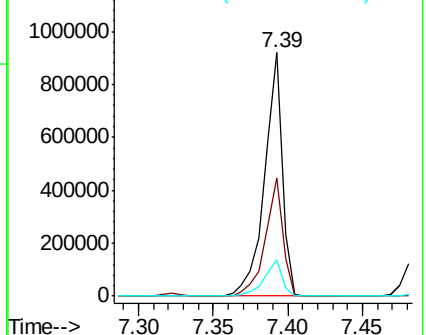
65 14.7 12.6 18.8

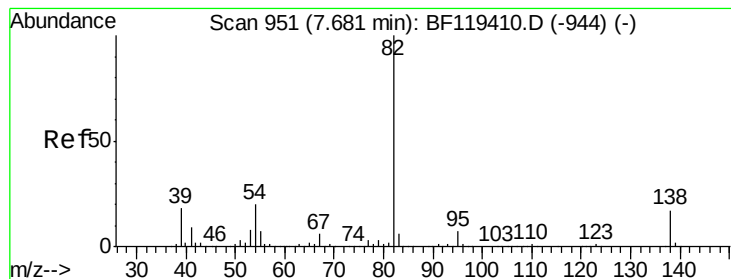


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.086 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127859BSD

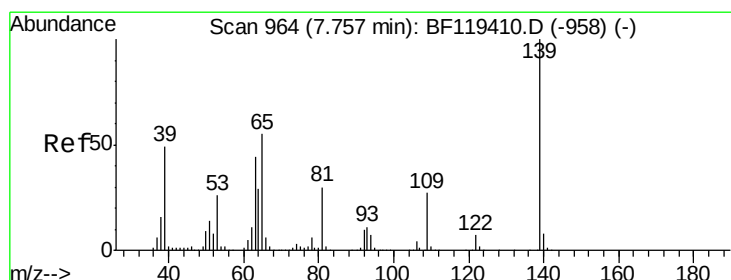
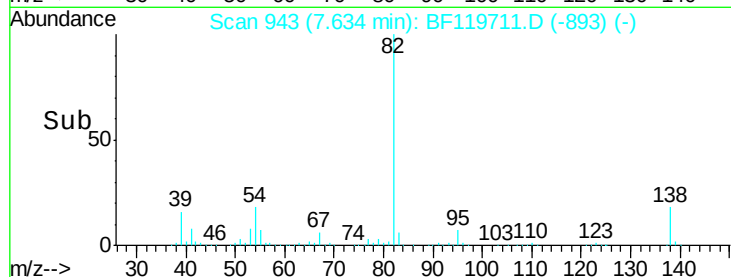
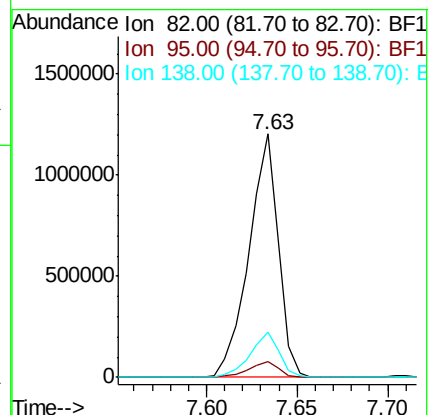
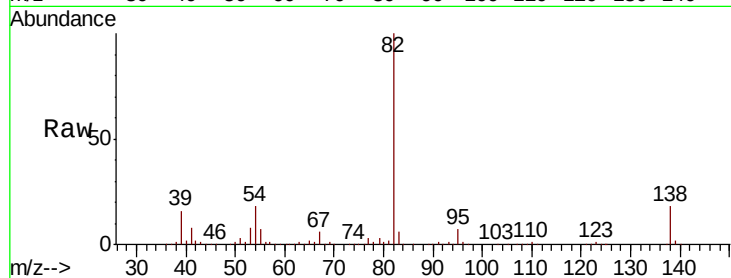
Tot Ion: 82 Resp: 1356850

Ion Ratio Lower Upper

82 100

95 6.7 5.8 8.6

138 18.3 14.6 21.8



#26

2-Nitrophenol

Concen: 54.379 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

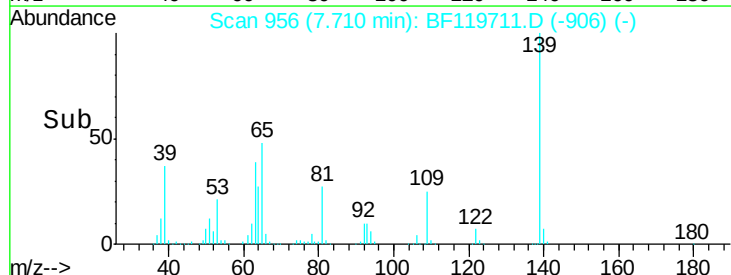
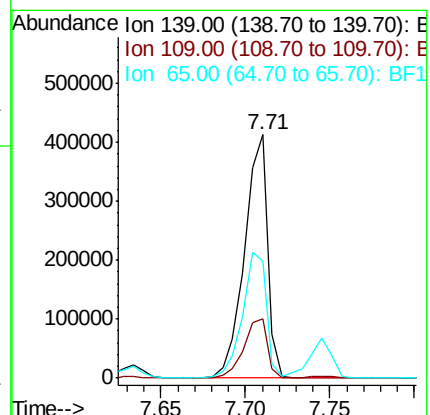
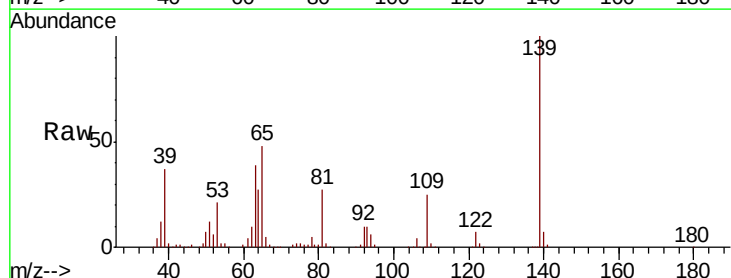
Tgt Ion: 139 Resp: 391584

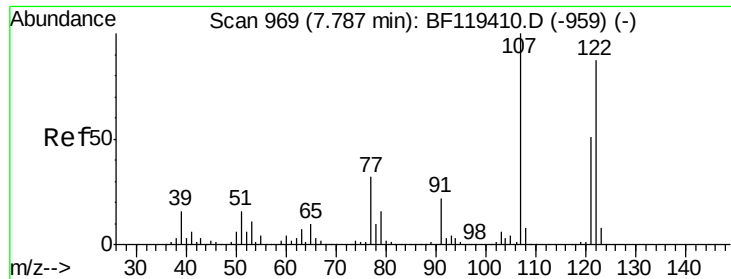
Ion Ratio Lower Upper

139 100

109 24.6 22.1 33.1

65 47.8 49.2 73.8#





#27

2,4-Dimethylphenol

Concen: 41.814 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127859BSD

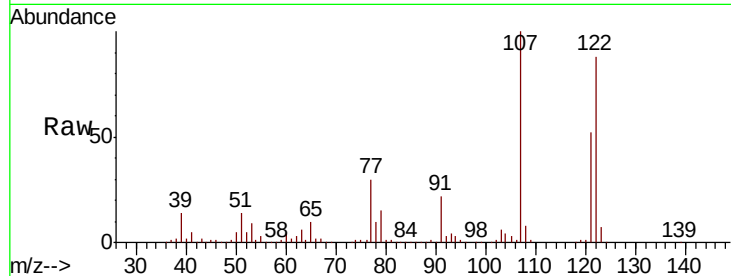
Tot Ion:122 Resp: 622599

Ion Ratio Lower Upper

122 100

107 113.4 89.0 133.6

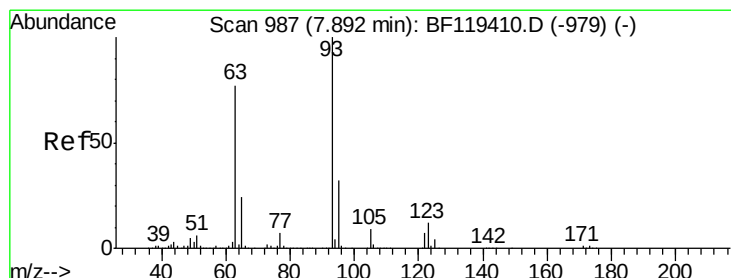
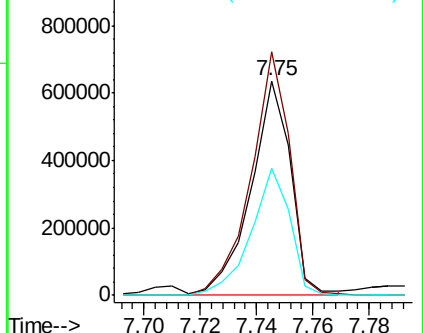
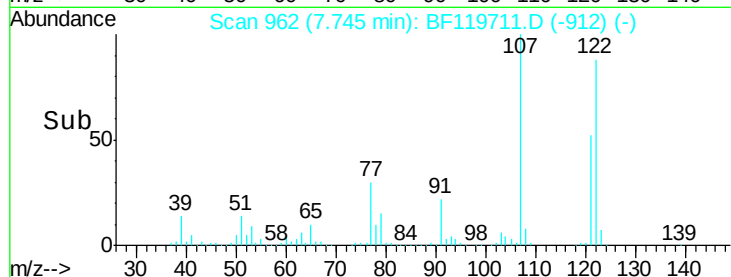
121 59.3 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.963 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

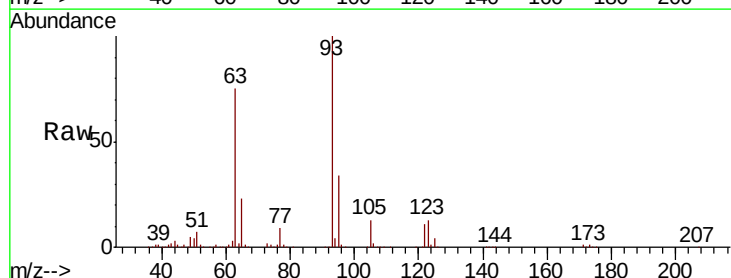
Tgt Ion: 93 Resp: 861417

Ion Ratio Lower Upper

93 100

95 33.5 26.3 39.5

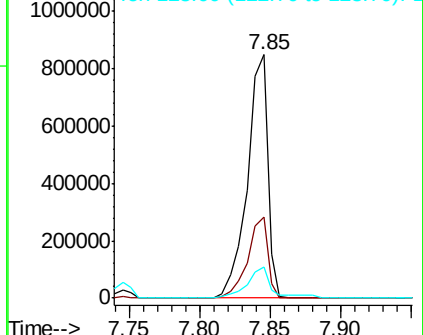
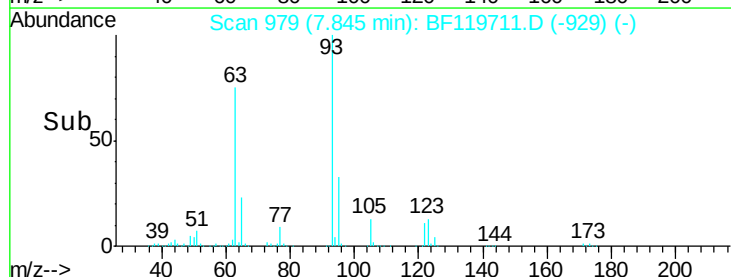
123 12.8 9.7 14.5

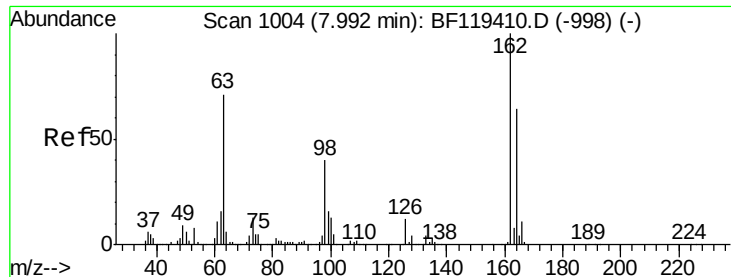


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

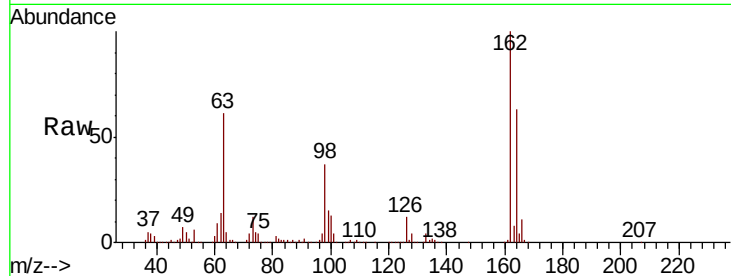




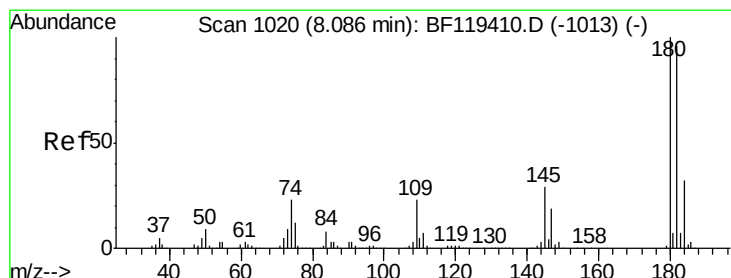
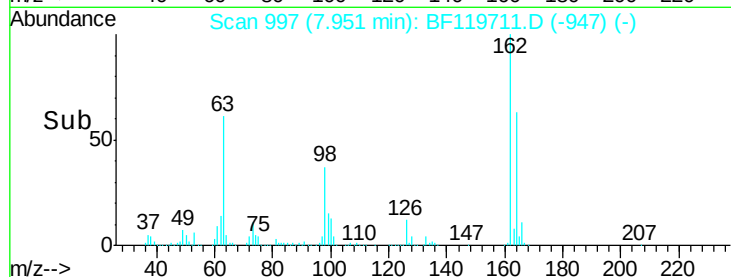
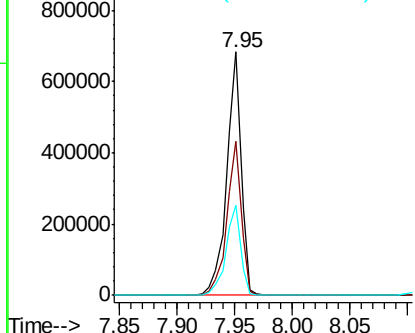
#29
2,4-Dichlorophenol
Concen: 43.415 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.7	84.7
98	37.2	20.7	60.7

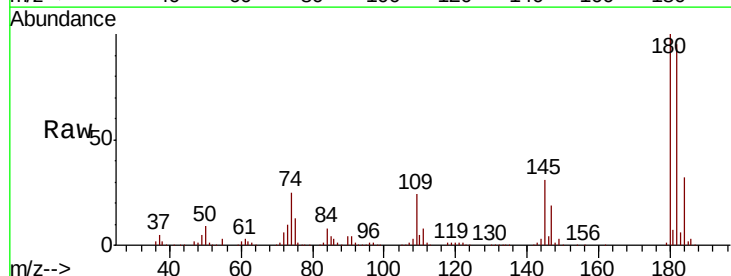


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

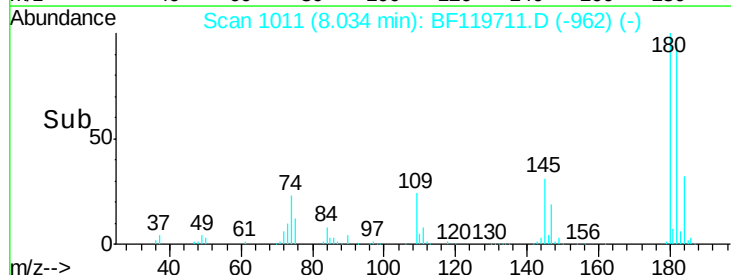
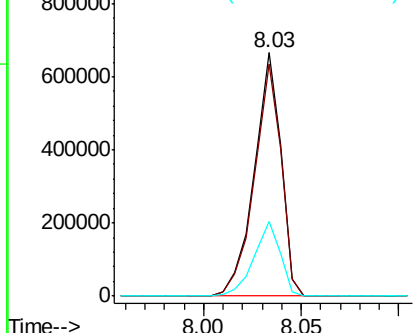


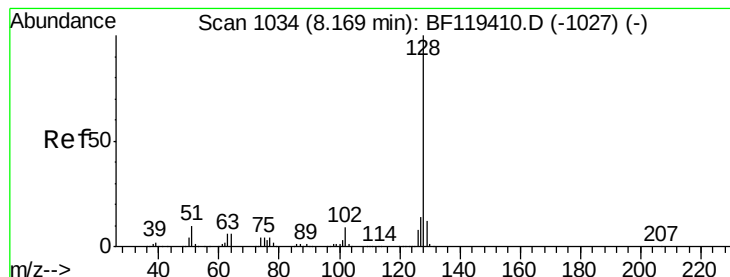
#30
1,2,4-Trichlorobenzene
Concen: 41.689 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	74.7	112.1
145	30.5	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: 41.935 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127859BSD

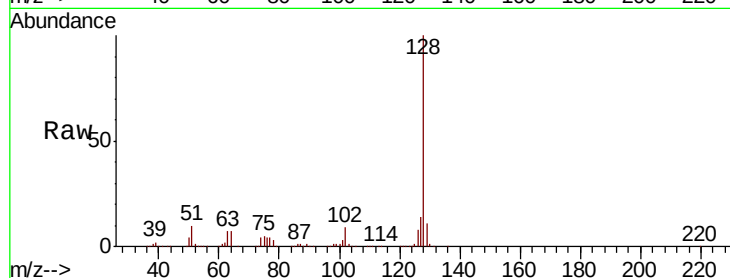
Tot Ion:128 Resp: 2007112

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

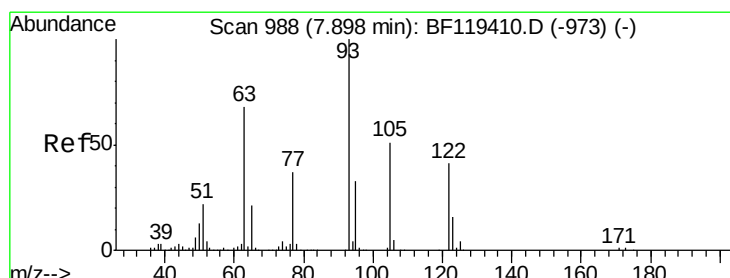
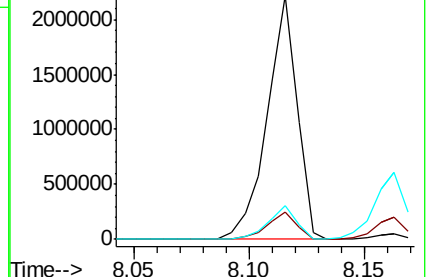
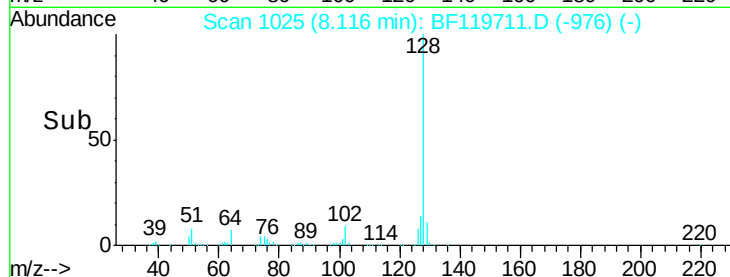
127 13.9 11.3 16.9



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: 53.464 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

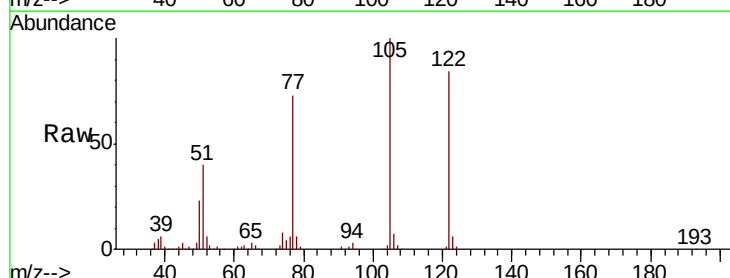
Tgt Ion:122 Resp: 512083

Ion Ratio Lower Upper

122 100

105 118.5 104.9 144.9

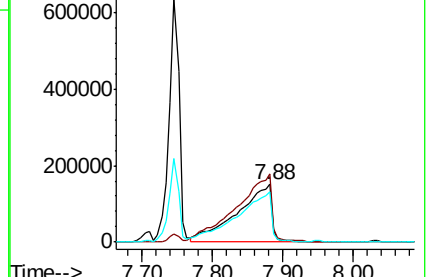
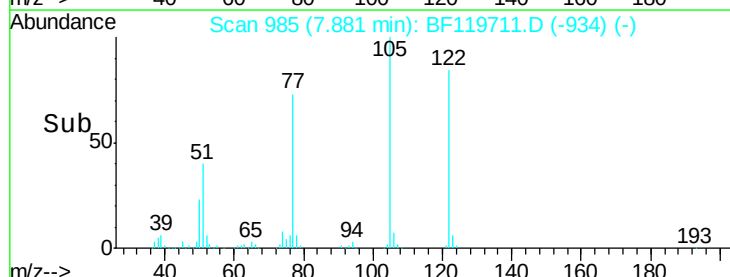
77 86.7 74.4 114.4

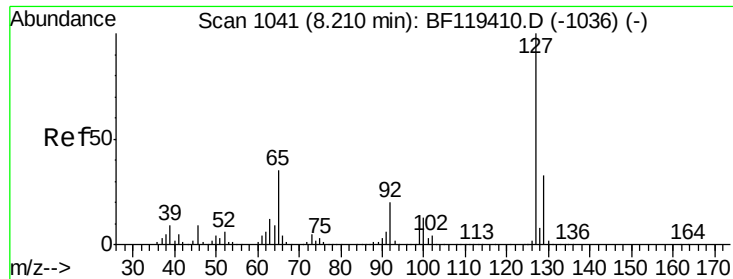


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

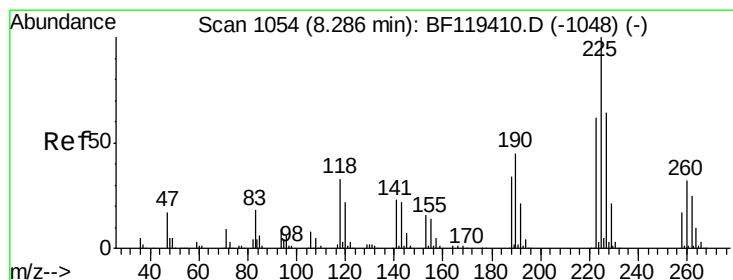
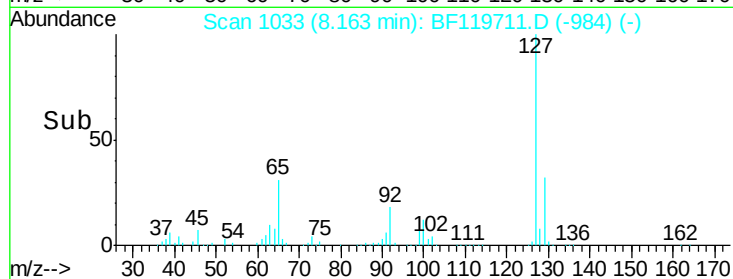
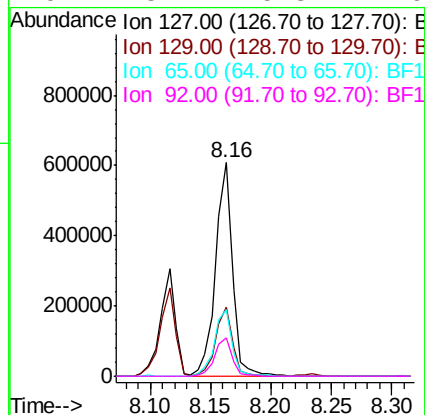
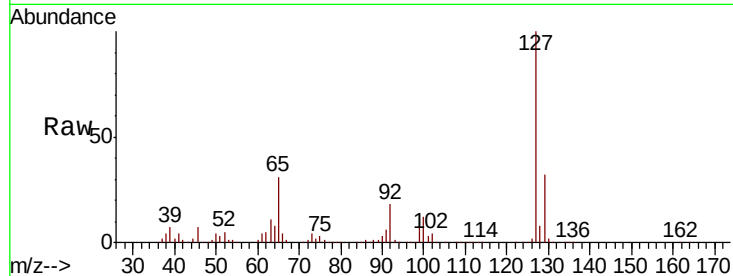




#33
4-Chloroaniline
Concen: 26.715 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

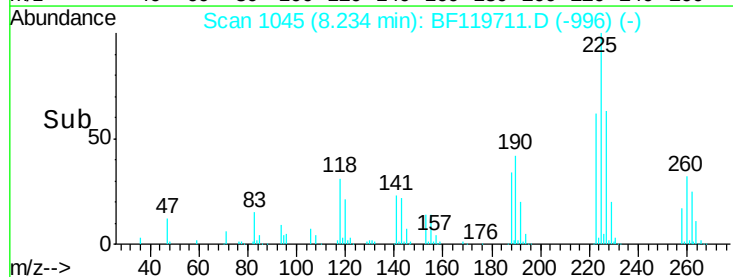
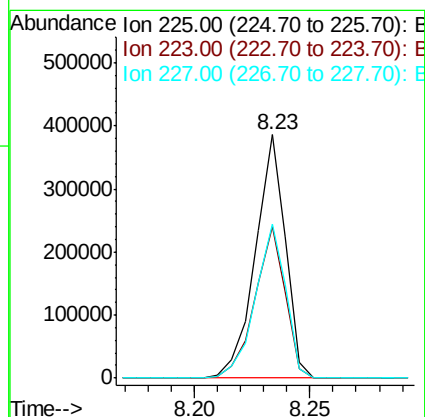
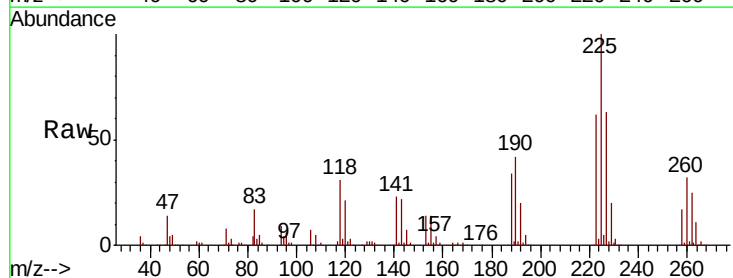
Instrument :
BNA_F
ClientSampleId :
PB127859BSD

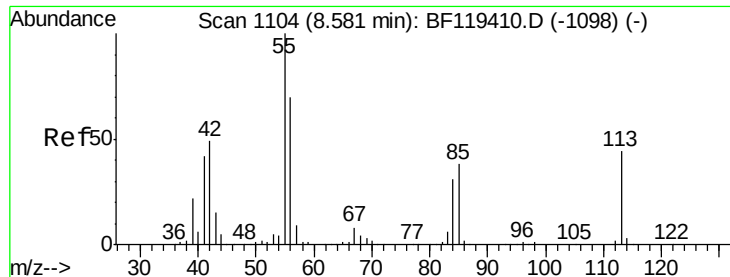
Tot Ion:	127	Resp:	585901
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	31.5	27.4	41.0
92	18.2	15.3	22.9



#34
Hexachlorobutadiene
Concen: 41.371 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion:	225	Resp:	350225
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.0	76.6
227	63.0	50.7	76.1

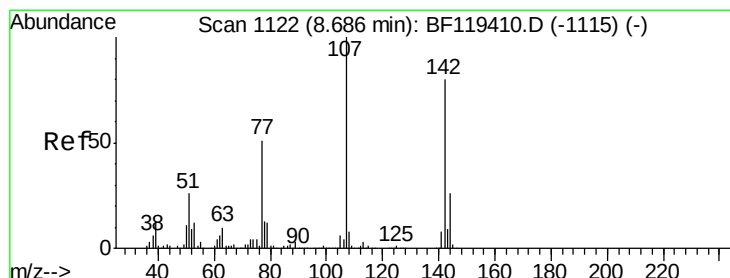
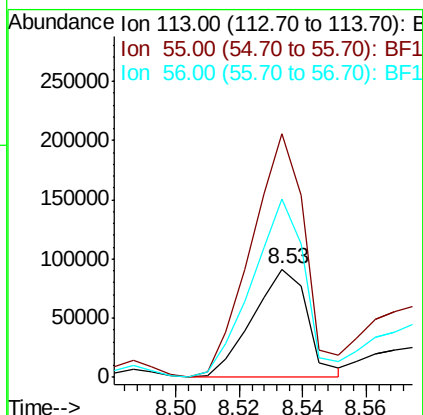
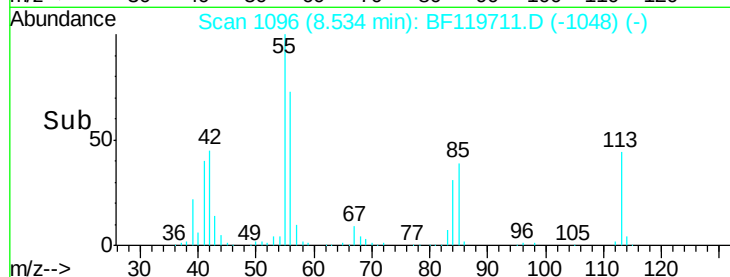
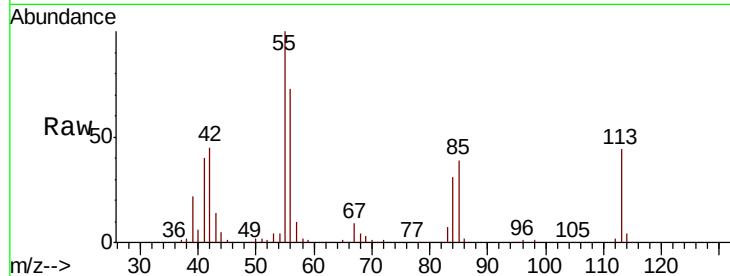




#35
 Caprolactam
 Concen: 24.520 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

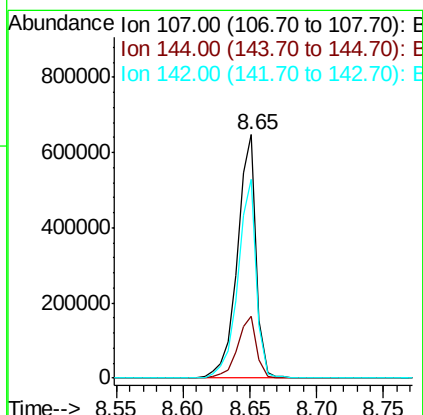
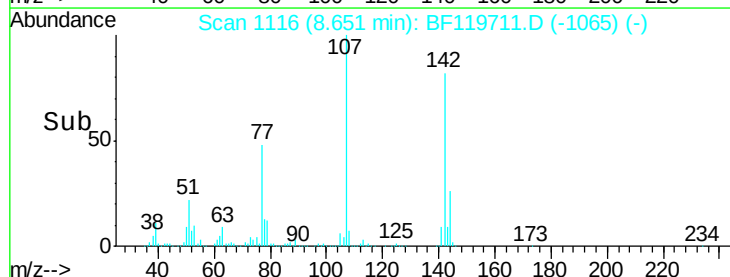
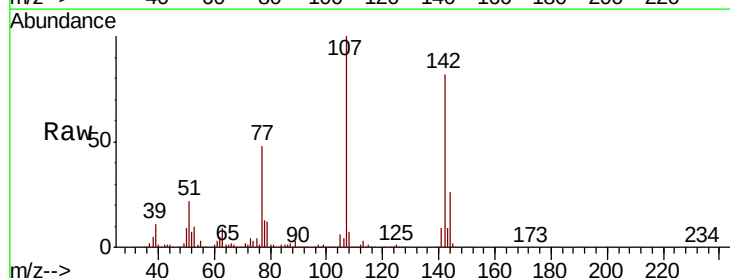
Instrument :
 BNA_F
 ClientSampleId :
 PB127859BSD

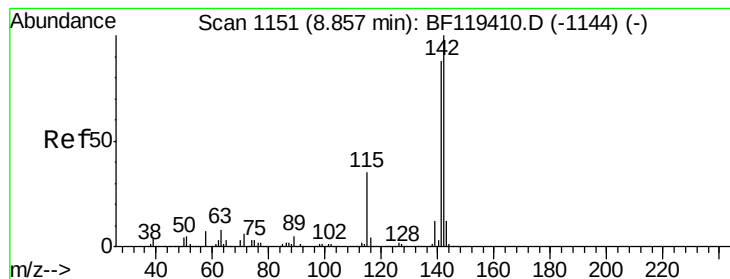
Tot Ion:113 Resp: 109792
 Ion Ratio Lower Upper
 113 100
 55 225.4 218.4 258.4
 56 164.6 148.9 188.9



#36
 4-Chloro-3-methylphenol
 Concen: 42.727 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Tgt Ion:107 Resp: 638900
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.0 31.6
 142 81.7 64.4 96.6





#37

2-Methylnaphthalene

Concen: 43.118 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127859BSD

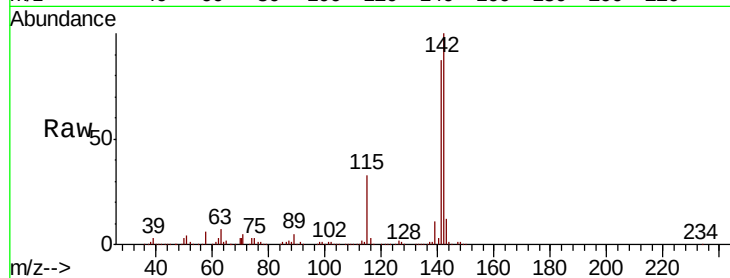
Tot Ion:142 Resp: 1354407

Ion Ratio Lower Upper

142 100

141 86.6 71.7 107.5

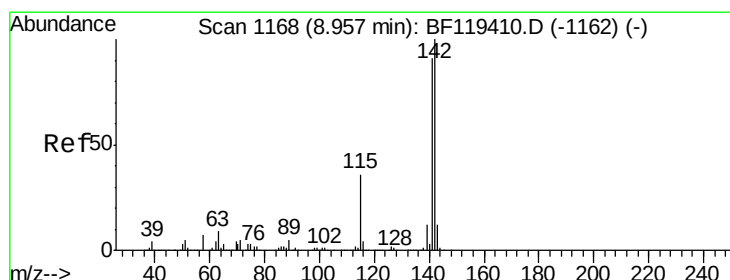
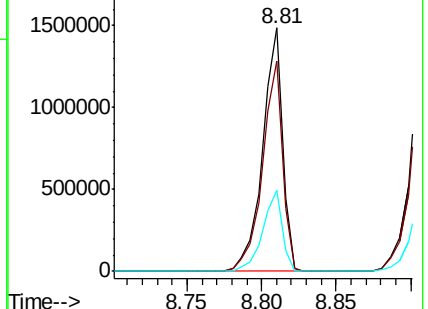
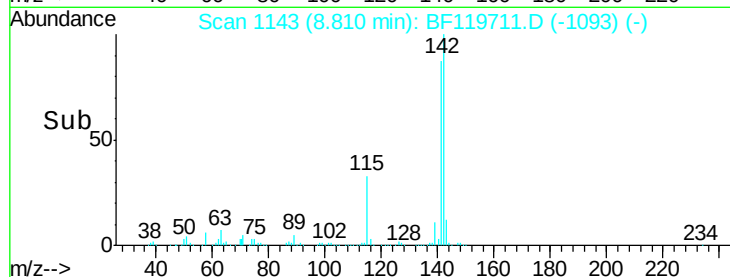
115 33.2 27.9 41.9



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: 43.409 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

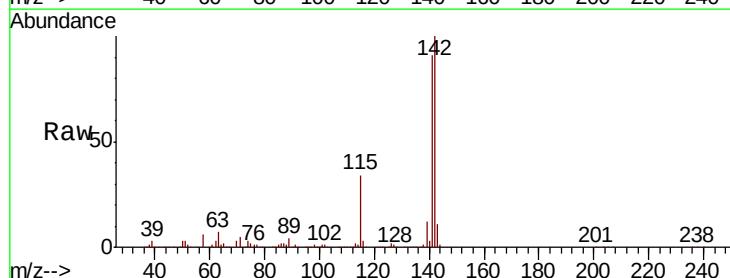
Tgt Ion:142 Resp: 1290631

Ion Ratio Lower Upper

142 100

141 90.6 73.7 110.5

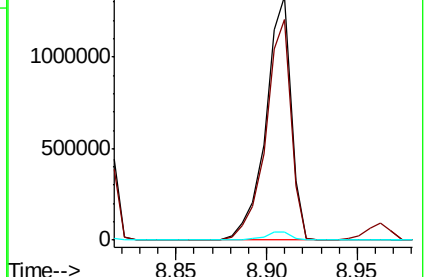
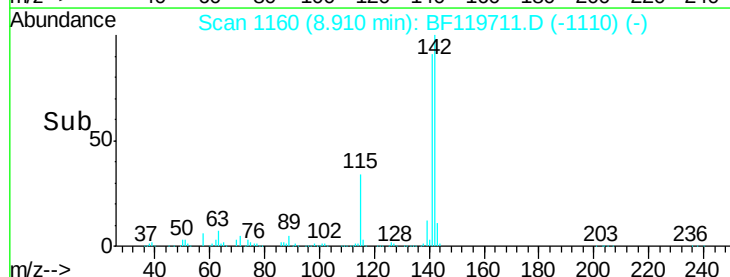
116 3.3 3.0 4.6

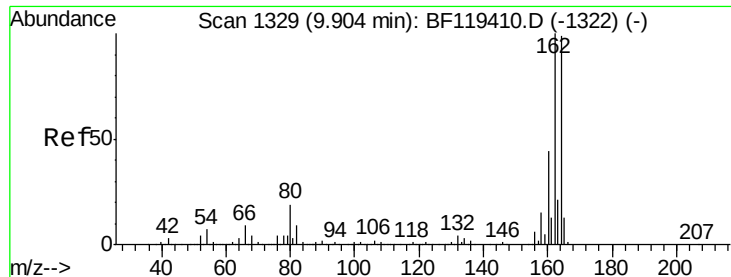


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

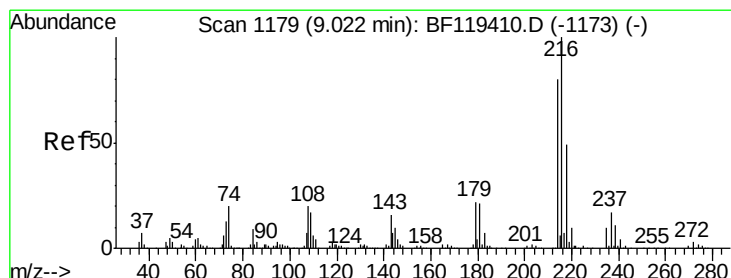
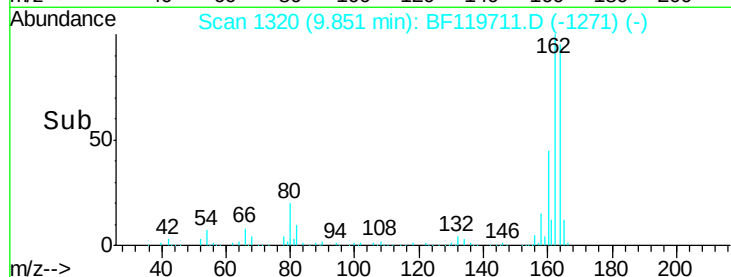
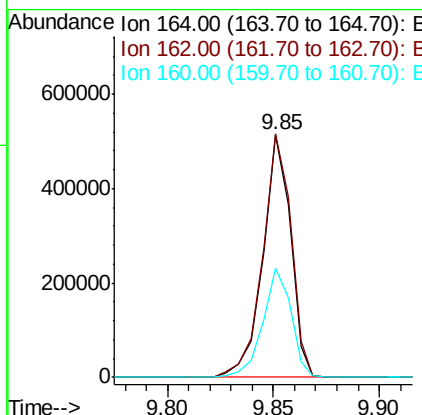
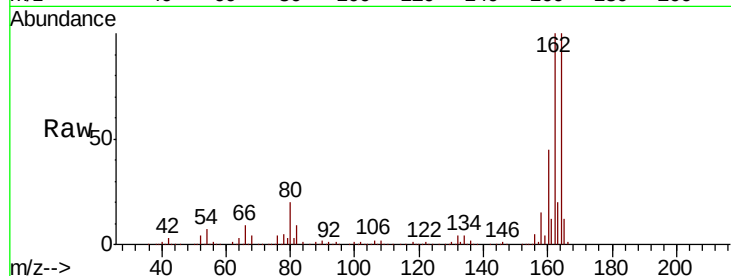




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

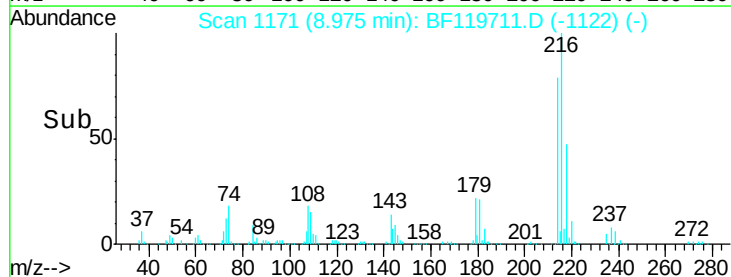
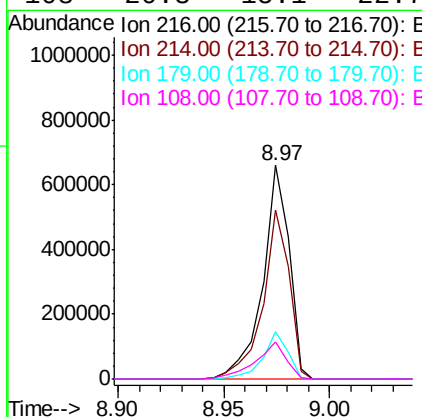
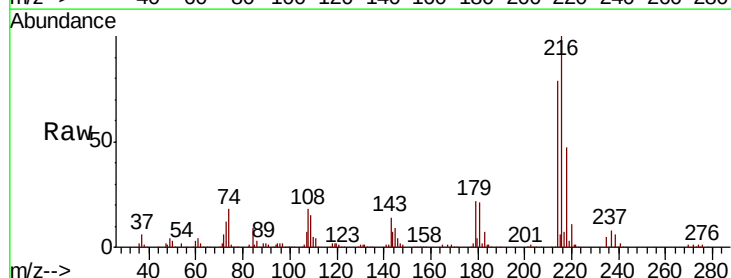
Instrument :
 BNA_F
 ClientSampleId :
 PB127859BSD

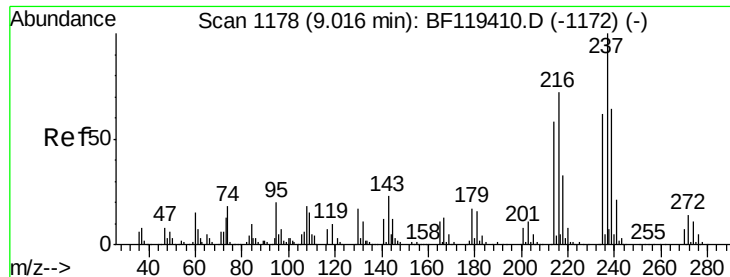
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	121.0
160	44.8	35.7	53.5



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.690 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.2	94.8
179	21.1	17.1	25.7
108	20.3	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 87.649 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127859BSD

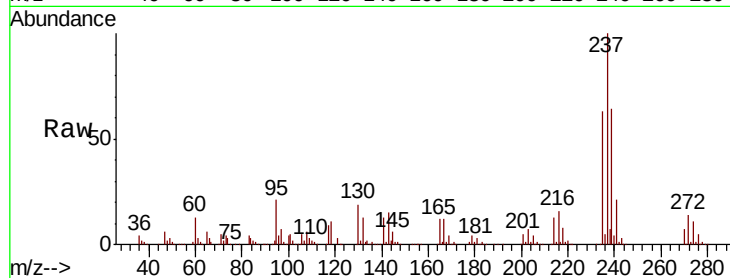
Tot Ion:237 Resp: 687749

Ion Ratio Lower Upper

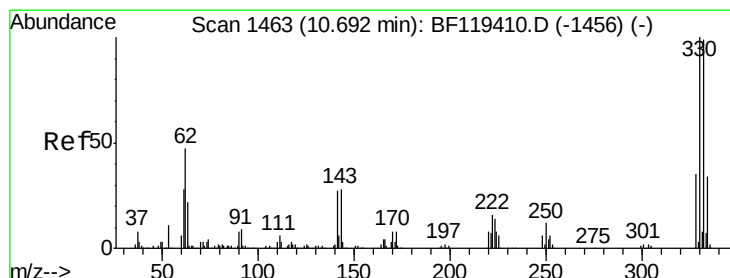
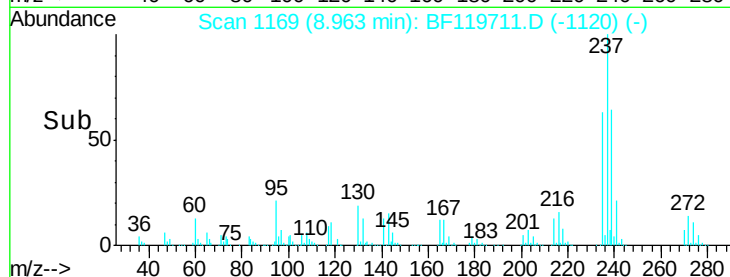
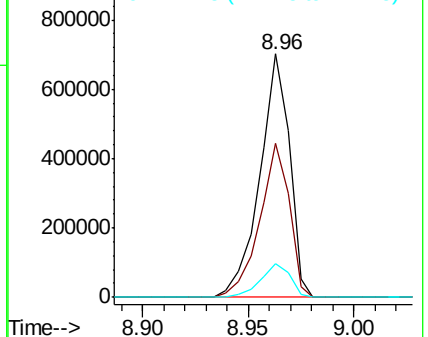
237 100

235 63.4 43.2 83.2

272 14.0 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: 90.366 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

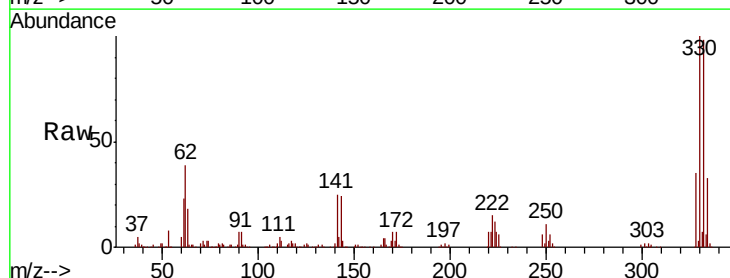
Tgt Ion:330 Resp: 438992

Ion Ratio Lower Upper

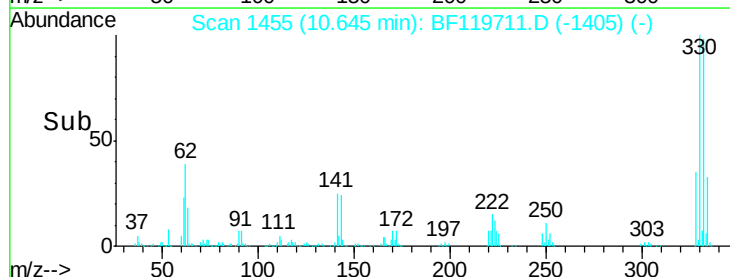
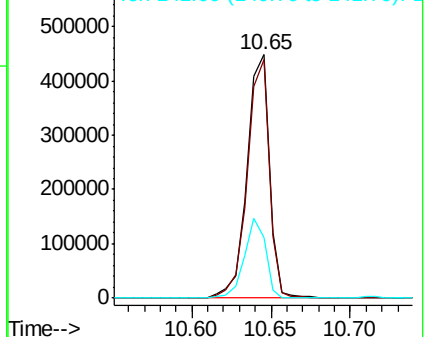
330 100

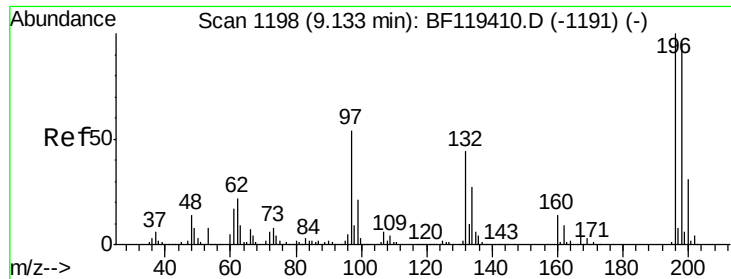
332 96.6 75.7 113.5

141 31.3 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

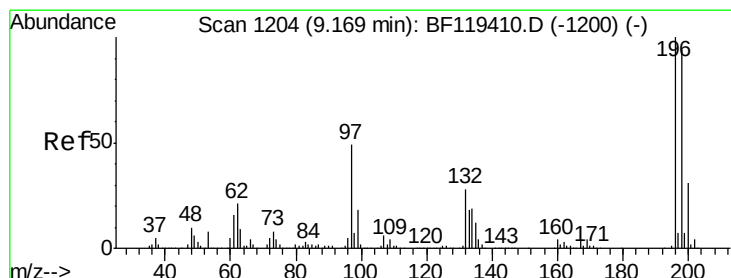
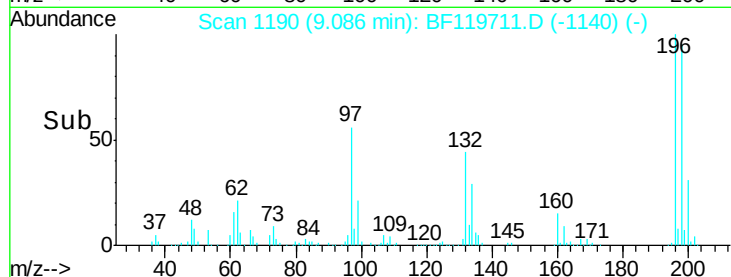
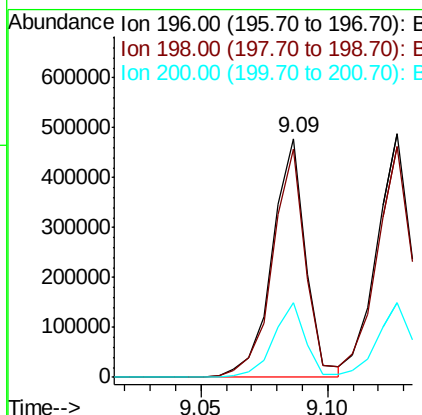
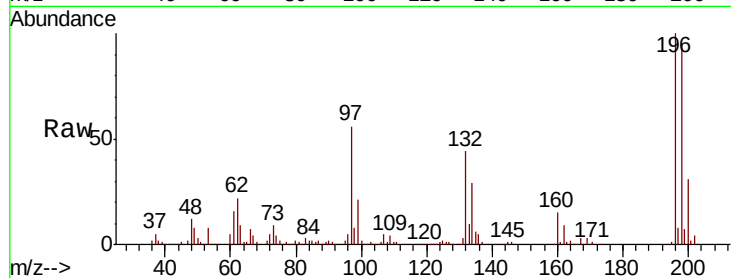




#43
 2,4,6-Trichlorophenol
 Concen: 44.865 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

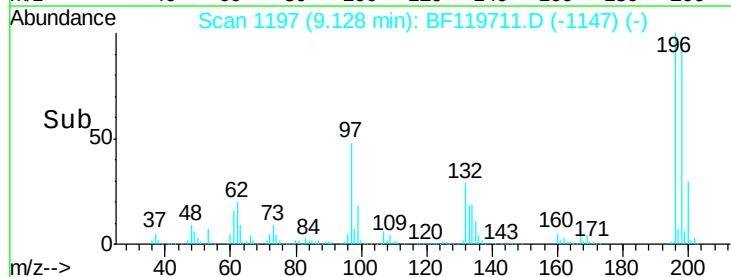
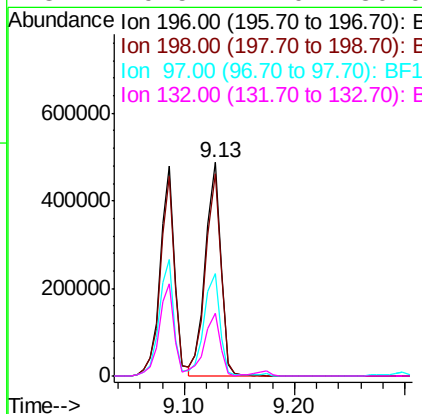
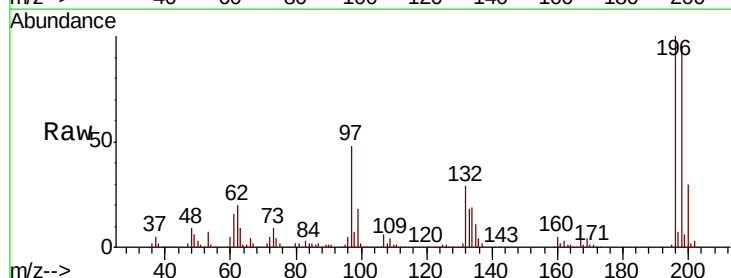
Instrument :
 BNA_F
 ClientSampleId :
 PB127859BSD

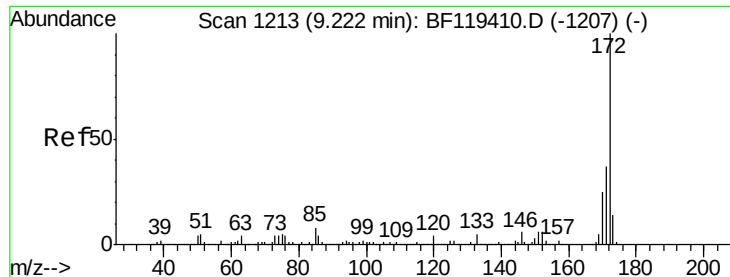
Tot Ion:196 Resp: 443130
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.6 115.0
 200 31.1 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 41.487 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Tgt Ion:196 Resp: 459033
 Ion Ratio Lower Upper
 196 100
 198 94.7 73.8 110.8
 97 48.1 42.6 63.8
 132 29.5 24.0 36.0

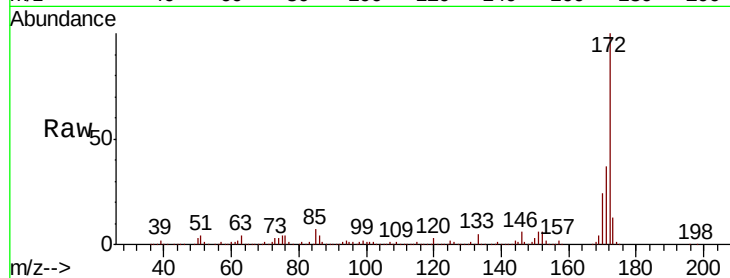




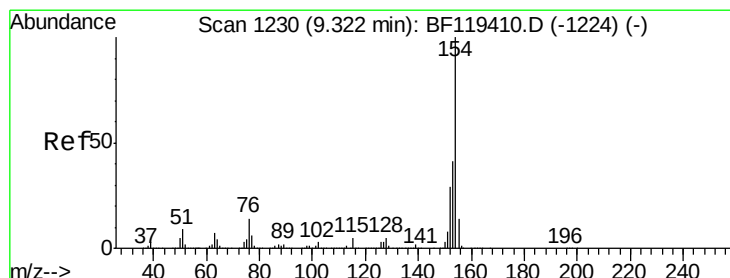
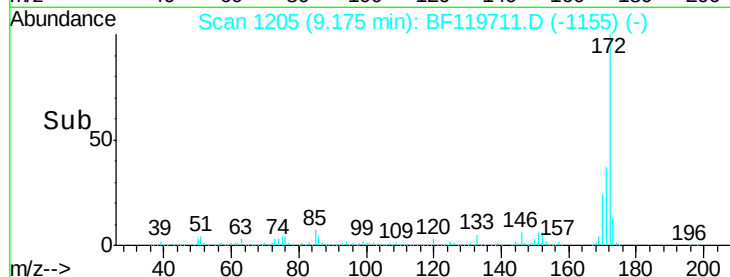
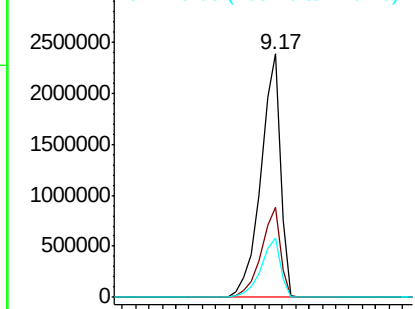
#45
2-Fluorobiphenyl
Concen: 75.544 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion:172 Resp: 2401151
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.2 20.2 30.2

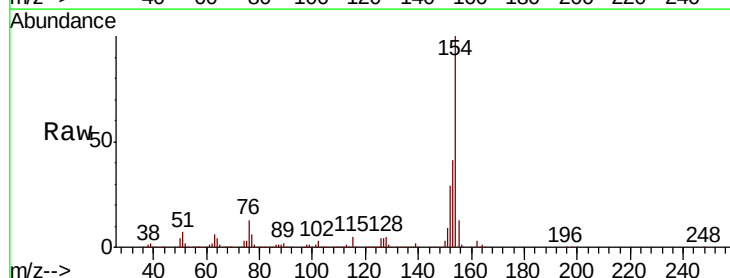


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

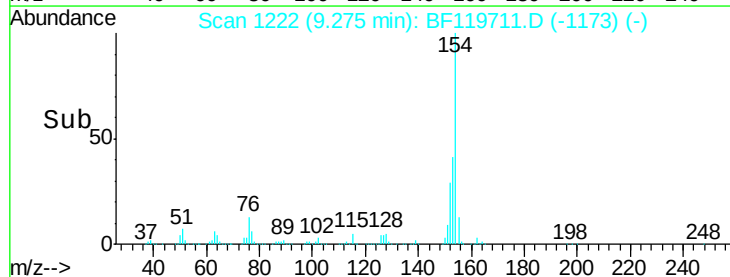
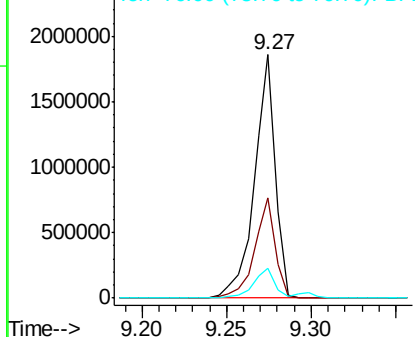


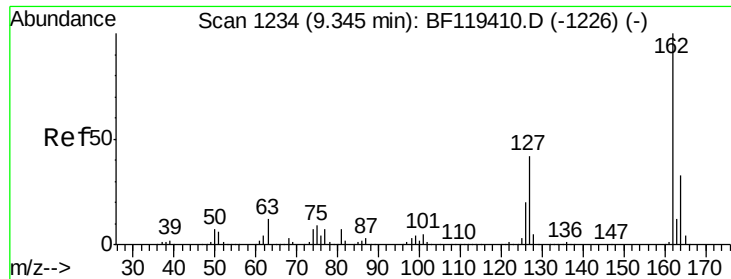
#46
1,1'-Biphenyl
Concen: 41.761 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion:154 Resp: 1601609
Ion Ratio Lower Upper
154 100
153 41.2 21.4 61.4
76 12.5 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

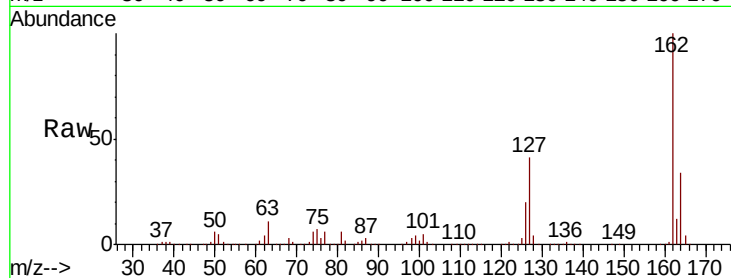




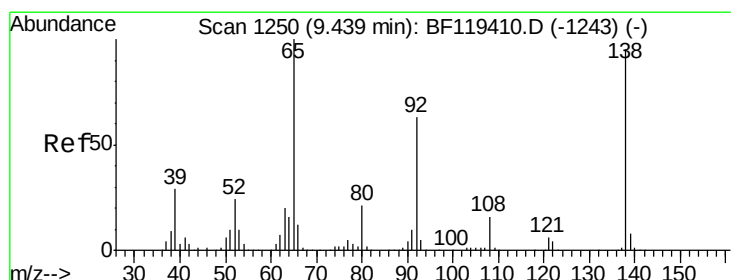
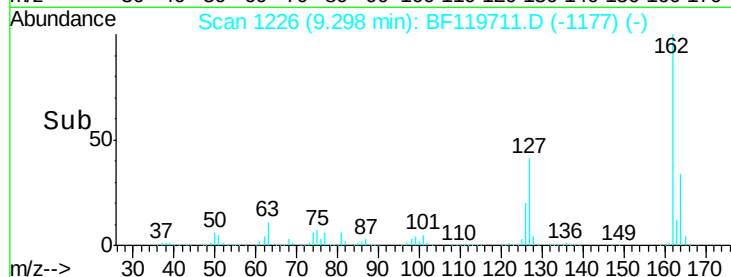
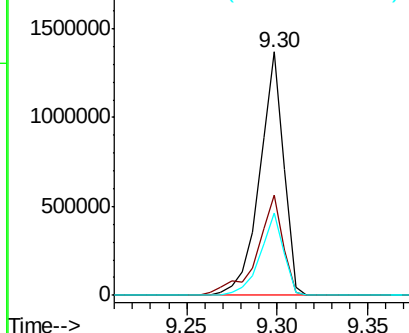
#47
 2-Chloronaphthalene
 Concen: 41.912 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BSD

Tot Ion:162 Resp: 1259087
 Ion Ratio Lower Upper
 162 100
 127 41.1 33.7 50.5
 164 33.7 26.3 39.5

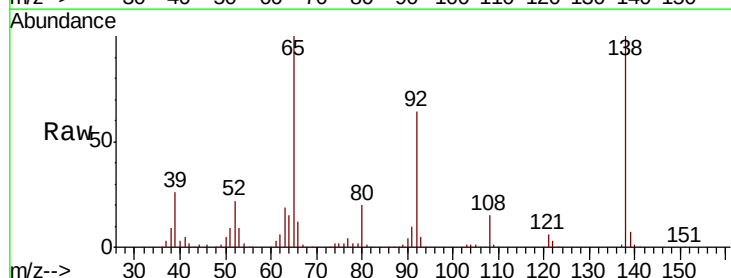


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

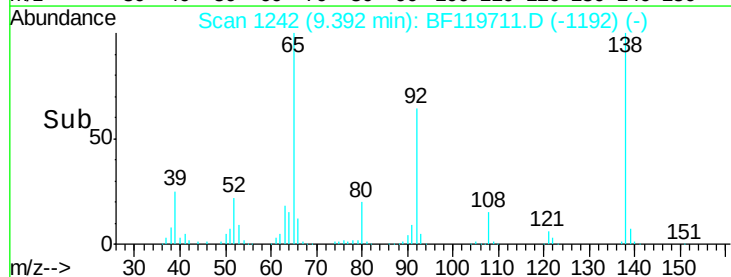
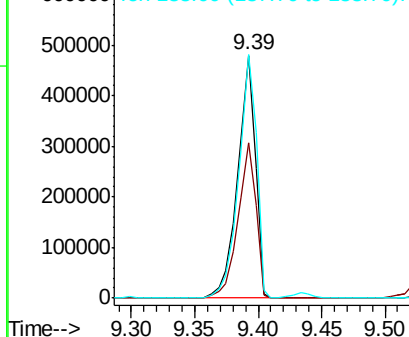


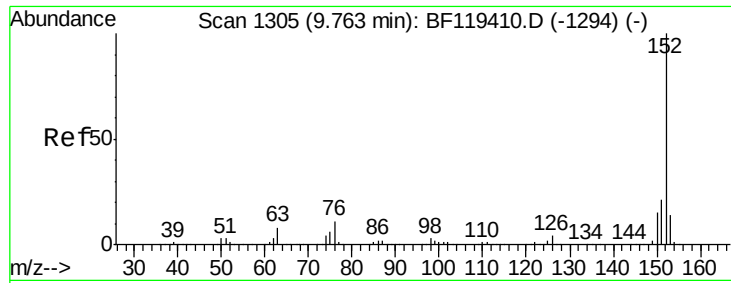
#48
 2-Nitroaniline
 Concen: 44.161 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Tgt Ion: 65 Resp: 457904
 Ion Ratio Lower Upper
 65 100
 92 63.8 50.0 75.0
 138 100.2 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: 42.216 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127859BSD

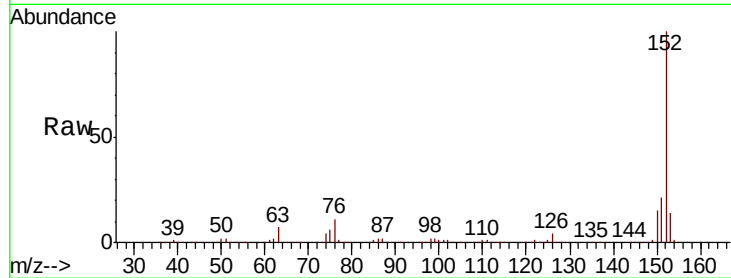
Tot Ion:152 Resp: 1991531

Ion Ratio Lower Upper

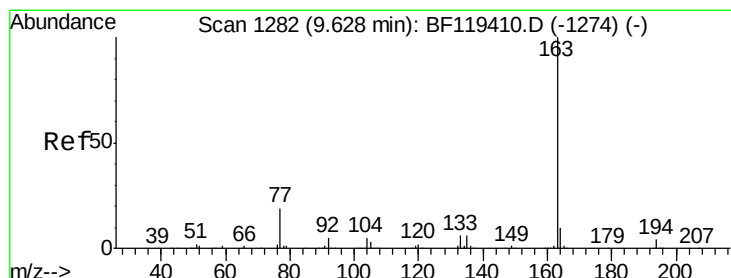
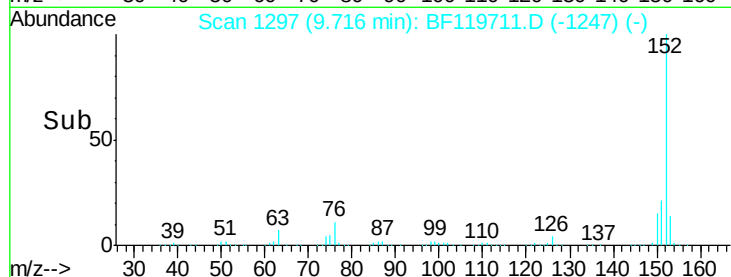
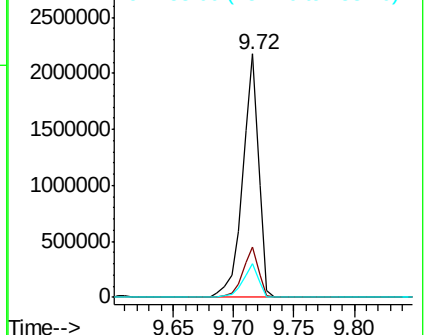
152 100

151 20.7 17.2 25.8

153 13.8 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: 43.030 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

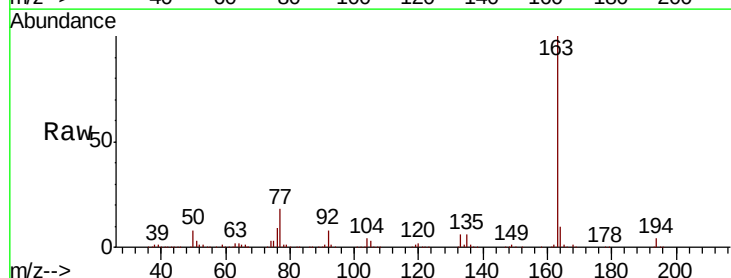
Tgt Ion:163 Resp: 1439242

Ion Ratio Lower Upper

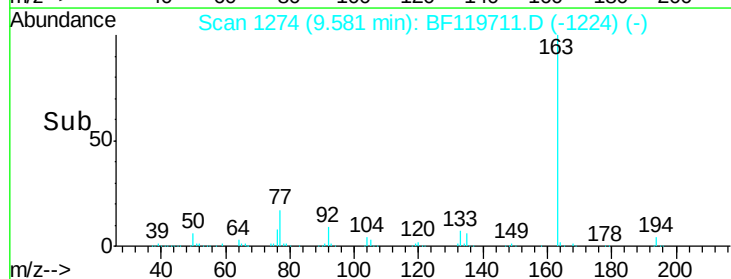
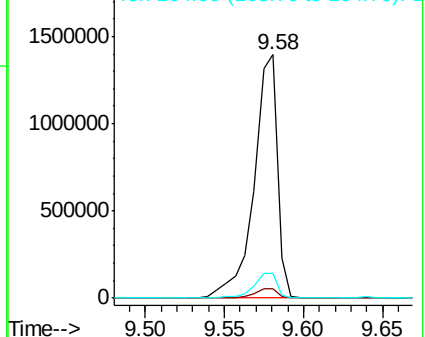
163 100

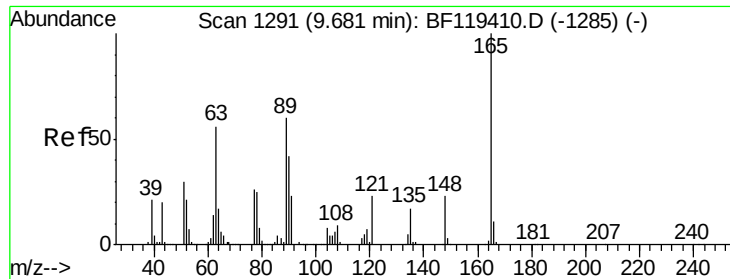
194 4.0 3.1 4.7

164 10.0 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

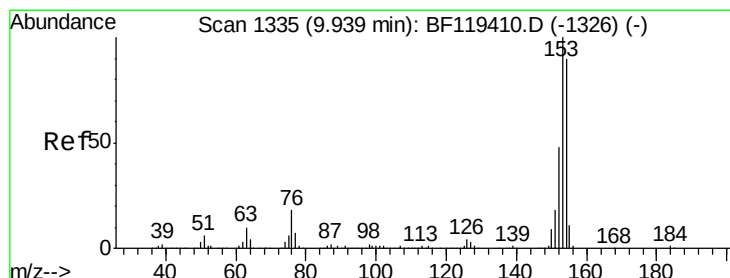
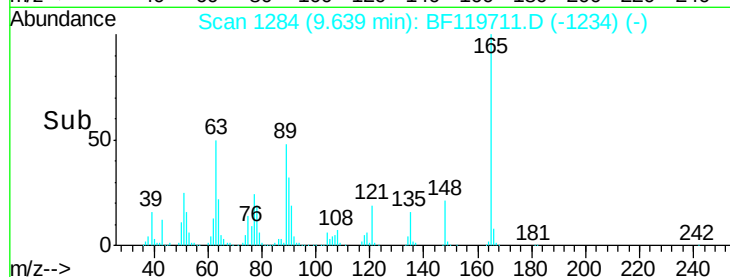
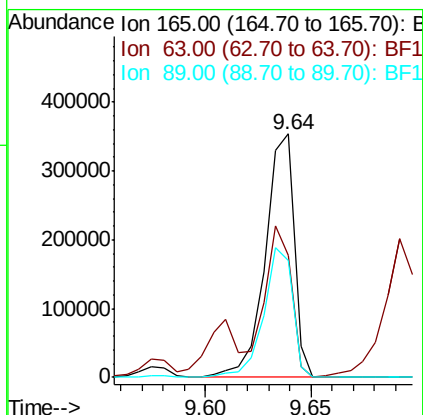
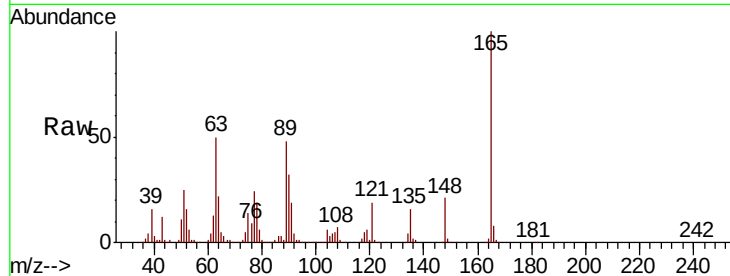




#51
2,6-Dinitrotoluene
Concen: 47.277 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

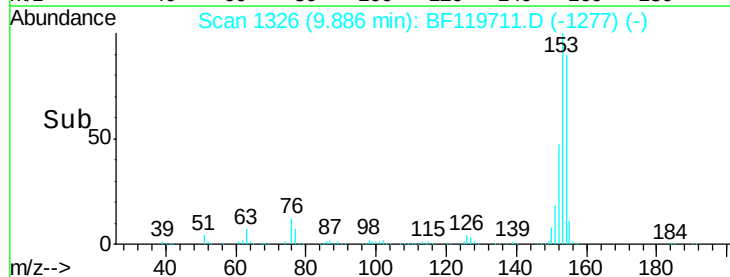
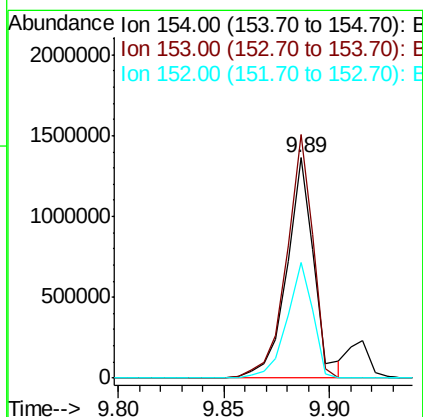
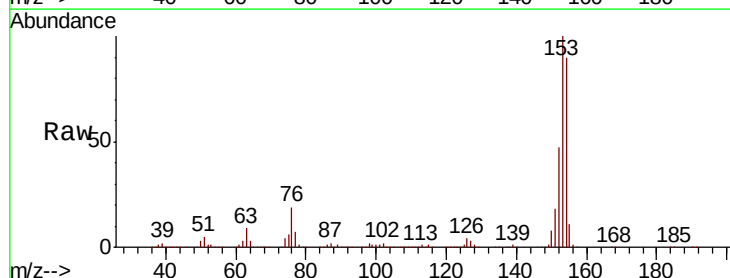
Instrument :
BNA_F
ClientSampleId :
PB127859BSD

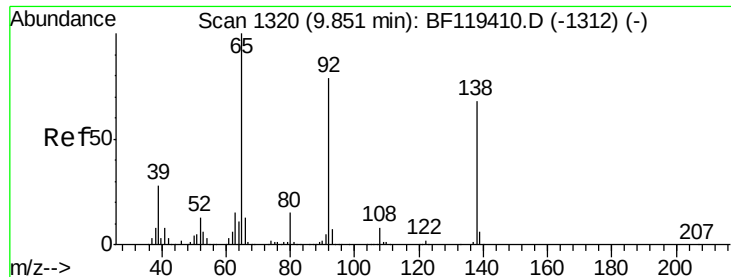
Tot Ion:165 Resp: 338936
Ion Ratio Lower Upper
165 100
63 50.1 45.0 67.4
89 47.8 41.5 62.3



#52
Acenaphthene
Concen: 41.612 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion:154 Resp: 1223809
Ion Ratio Lower Upper
154 100
153 110.7 88.1 132.1
152 52.5 43.0 64.4

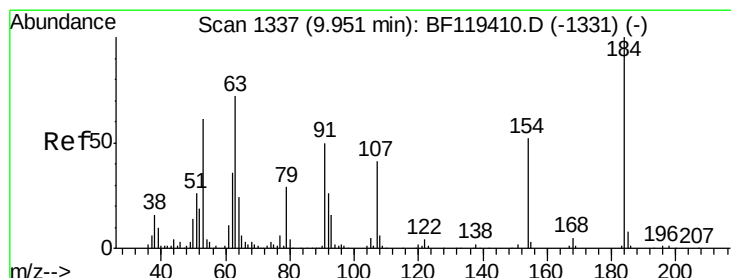
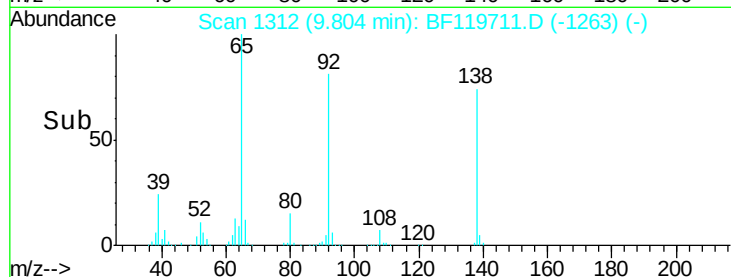
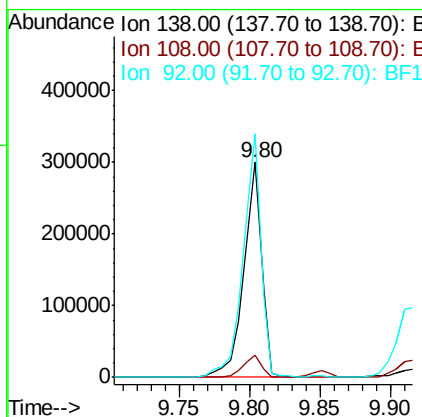
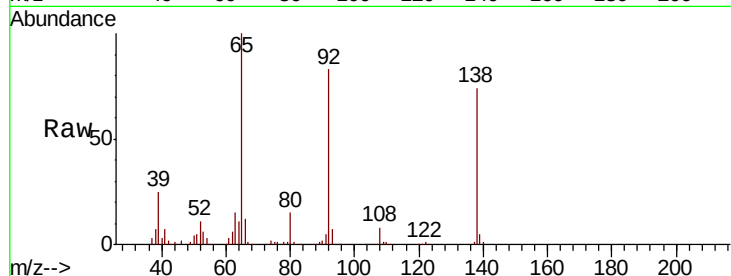




#53
 3-Nitroaniline
 Concen: 29.390 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

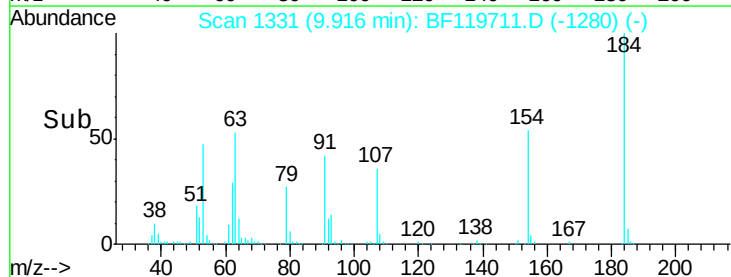
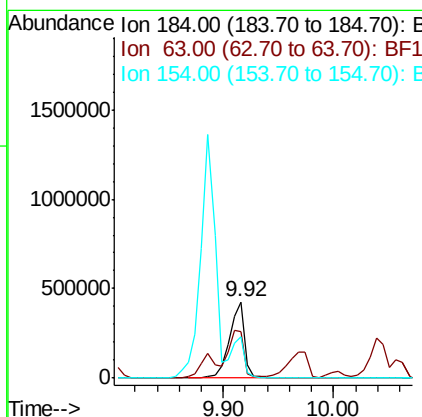
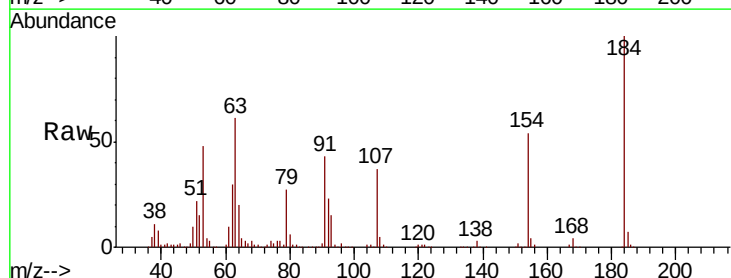
Instrument :
 BNA_F
 ClientSampleId :
 PB127859BSD

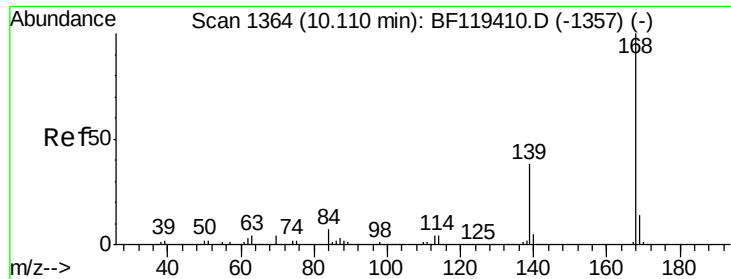
Tot Ion:138 Resp: 266006
 Ion Ratio Lower Upper
 138 100
 108 10.2 8.6 13.0
 92 113.2 95.4 143.0



#54
 2,4-Dinitrophenol
 Concen: 127.899 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Tgt Ion:184 Resp: 411620
 Ion Ratio Lower Upper
 184 100
 63 61.5 50.2 75.4
 154 54.0 44.5 66.7

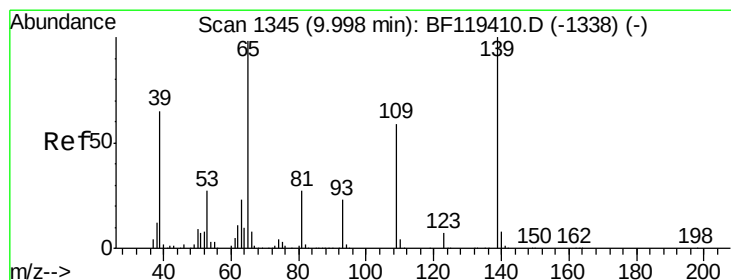
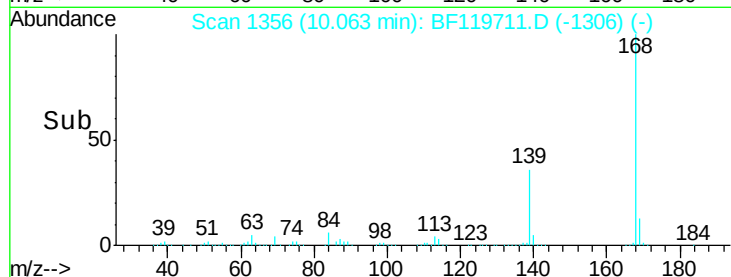
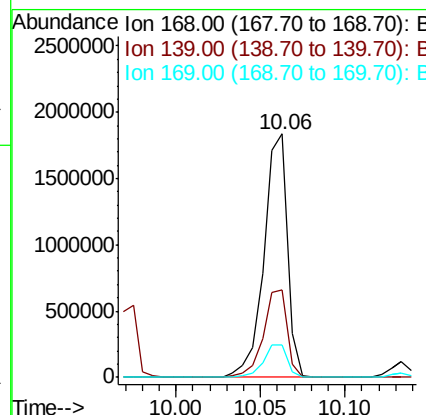
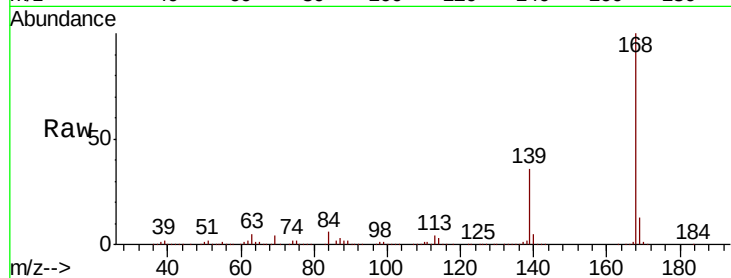




#55
Dibenzofuran
Concen: 42.242 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

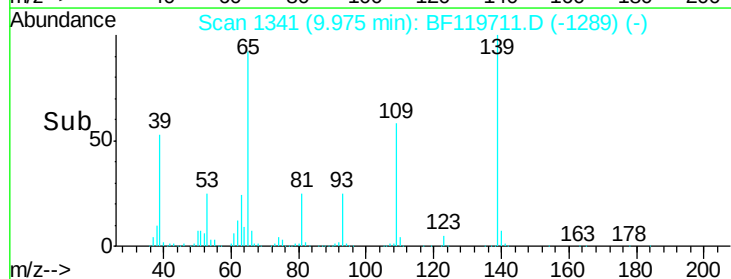
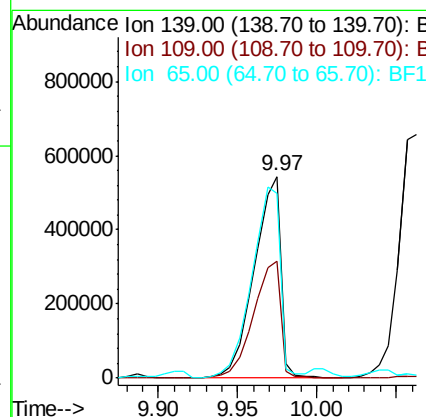
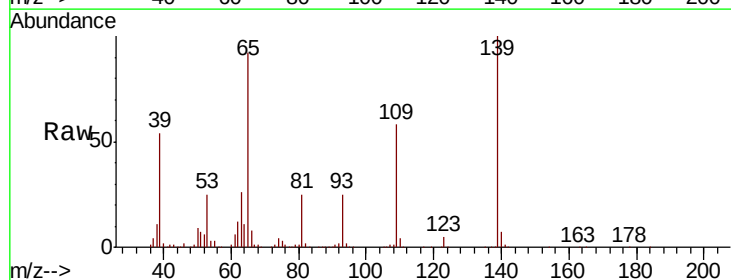
Instrument :
BNA_F
ClientSampleId :
PB127859BSD

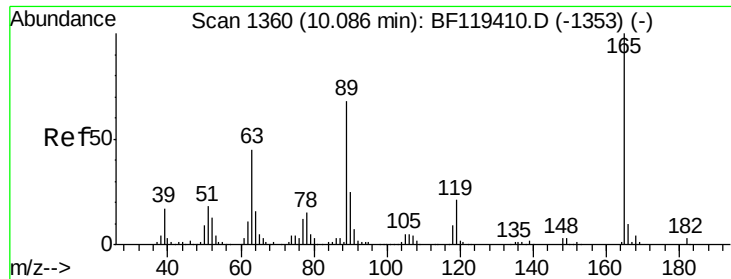
Tot Ion:168 Resp: 1781186
Ion Ratio Lower Upper
168 100
139 35.8 30.1 45.1
169 13.3 11.0 16.6



#56
4-Nitrophenol
Concen: 89.154 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion:139 Resp: 636562
Ion Ratio Lower Upper
139 100
109 58.1 43.3 83.3
65 91.8 91.0 131.0

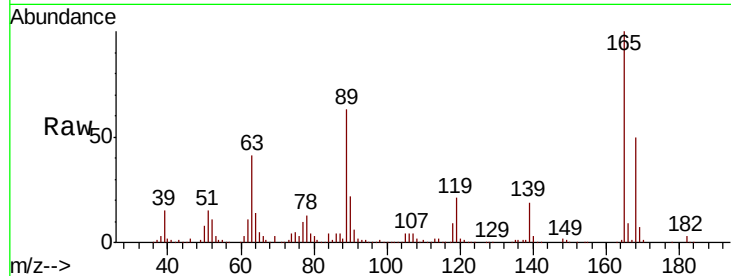




#57
 2,4-Dinitrotoluene
 Concen: 50.212 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.4	42.6	64.0#
89	62.8	61.0	91.4
182	2.5	2.2	3.2

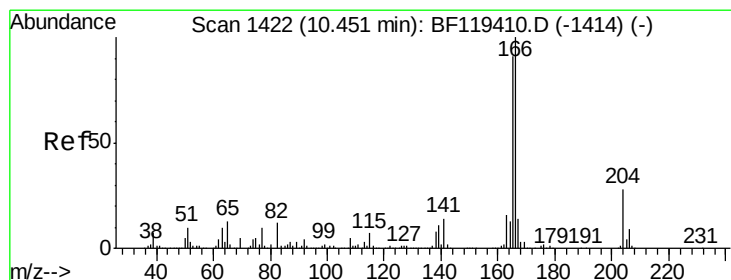
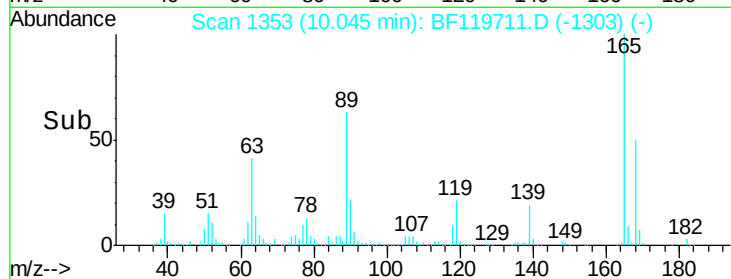
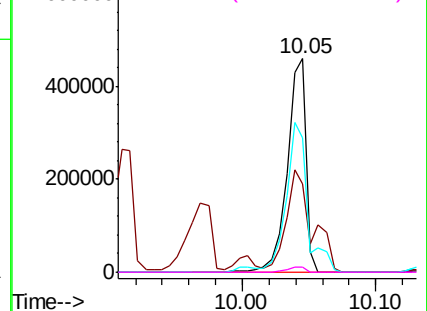


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

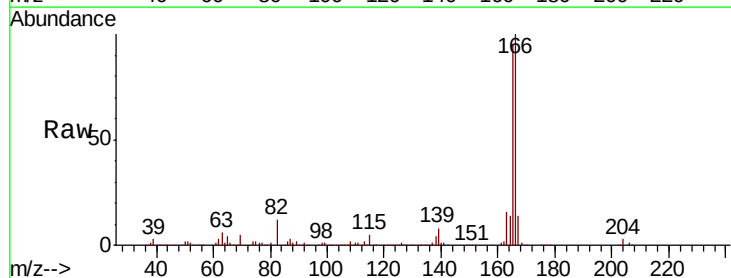
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 43.359 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

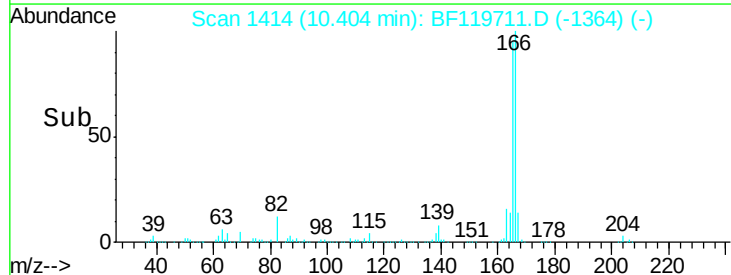
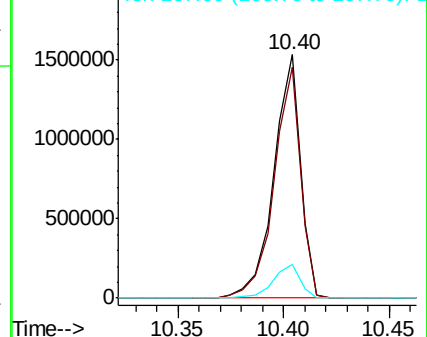
Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.9	75.4	113.2
167	13.9	11.2	16.8

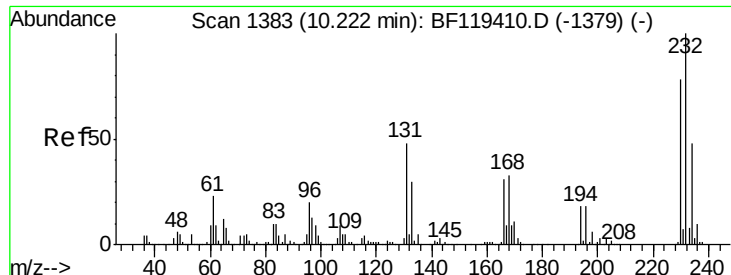


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

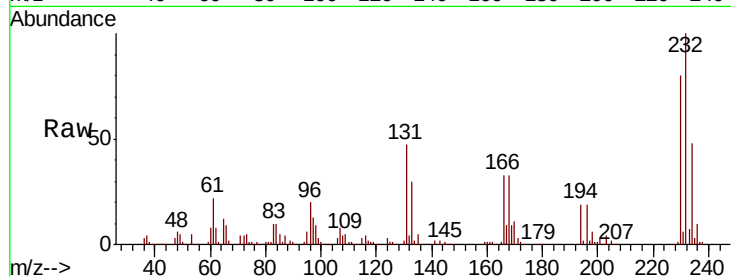




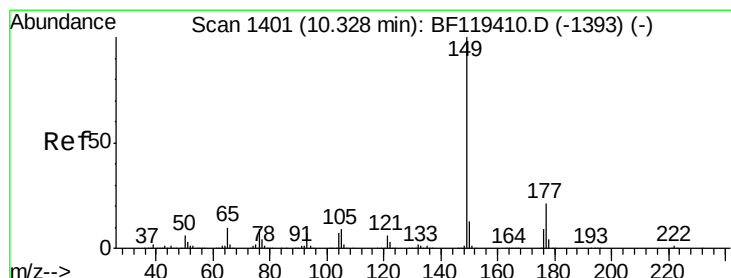
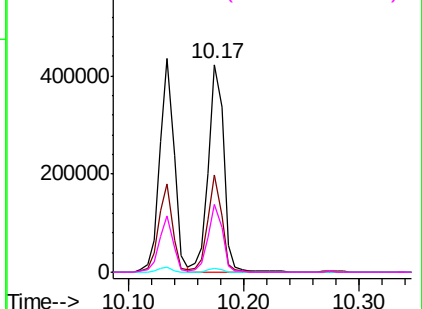
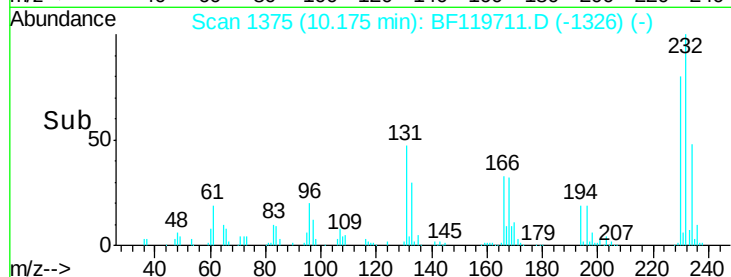
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.353 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	37.5	56.3
130	2.0	1.8	2.6
166	30.5	24.6	36.8

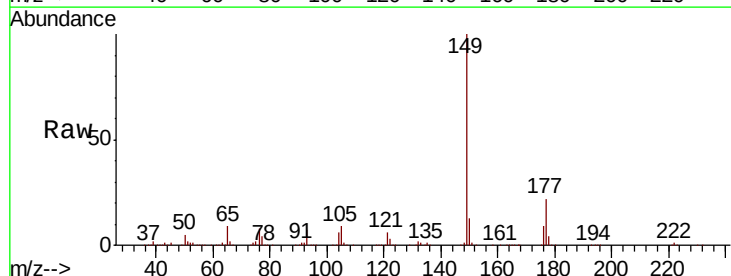


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

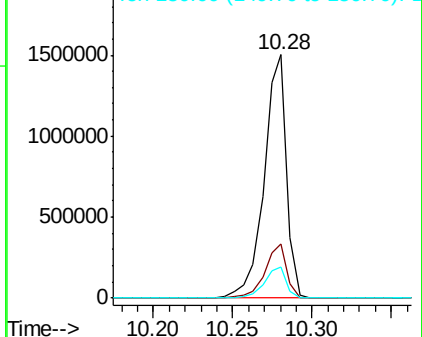
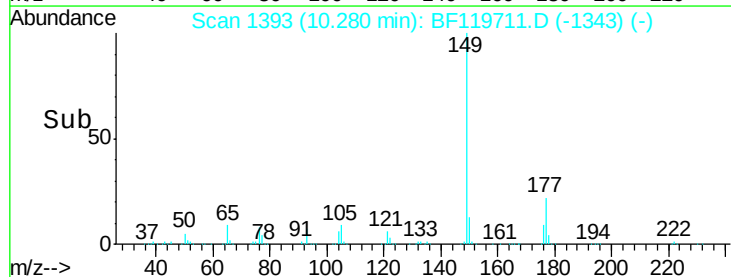


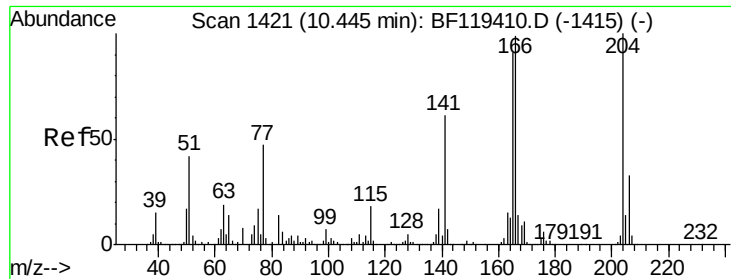
#60
 Diethylphthalate
 Concen: 43.640 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.0	25.6
150	12.7	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

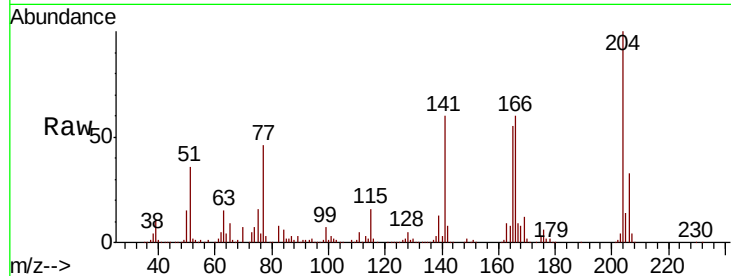




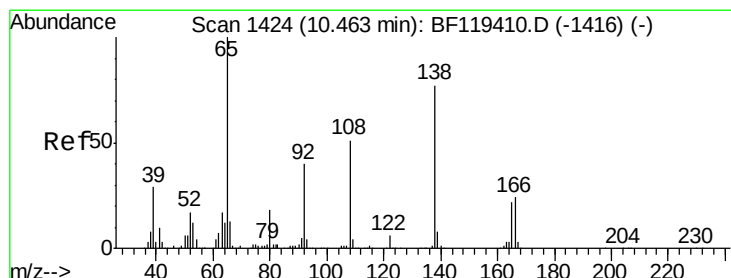
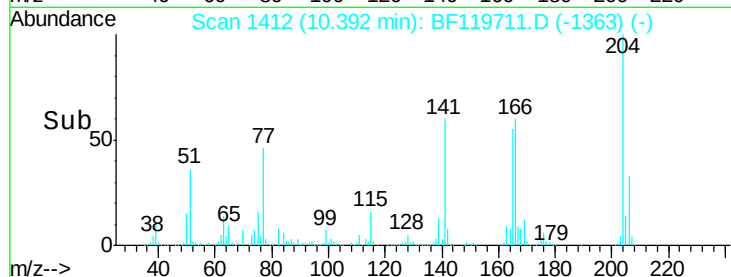
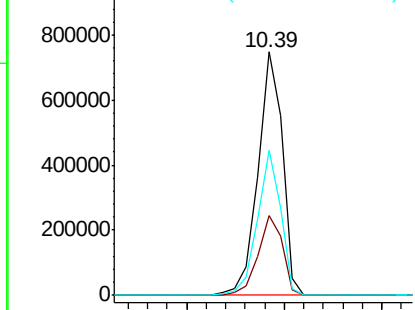
#61
 4-Chlorophenyl-phenylether
 Concen: 42.459 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Instrument :
 BNA_F
 ClientSampled :
 PB127859BSD

Tot Ion:	204	Resp:	647417
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.7	40.1
141	59.6	47.3	70.9

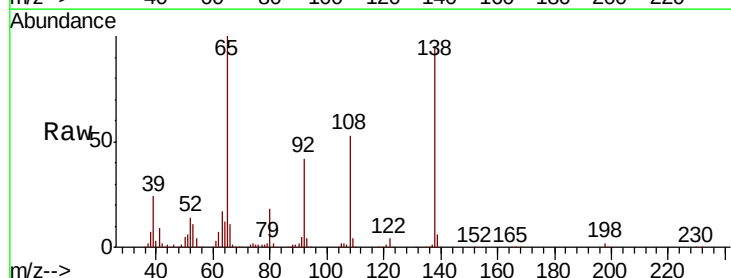


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

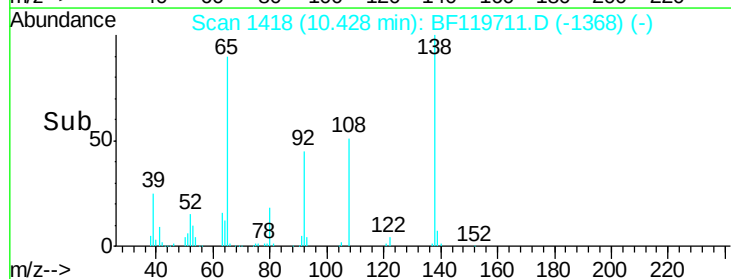
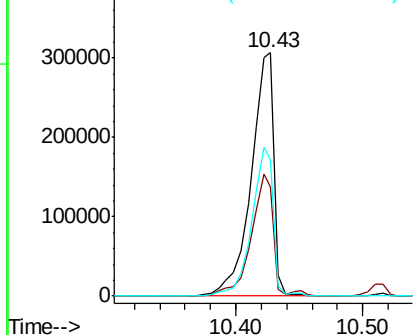


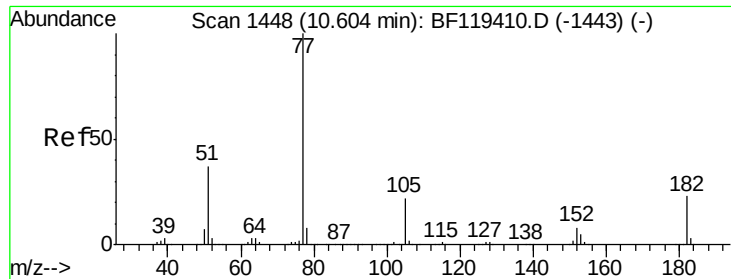
#62
 4-Nitroaniline
 Concen: 44.475 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Tgt Ion:	138	Resp:	386008
Ion	Ratio	Lower	Upper
138	100		
92	44.8	31.5	71.5
108	56.0	45.8	85.8



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

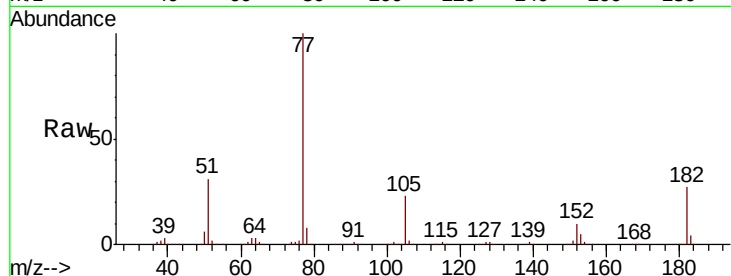




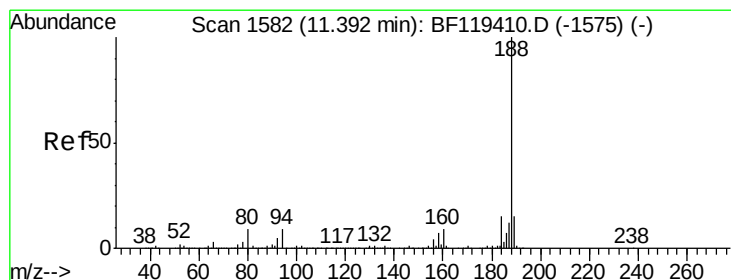
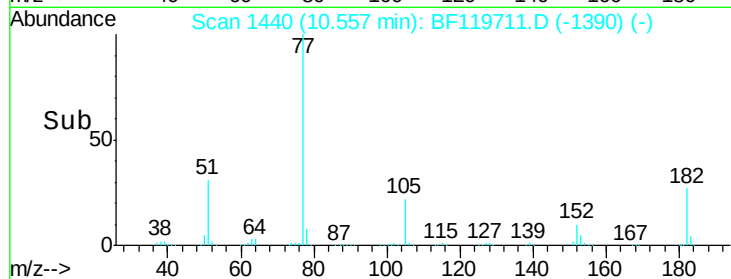
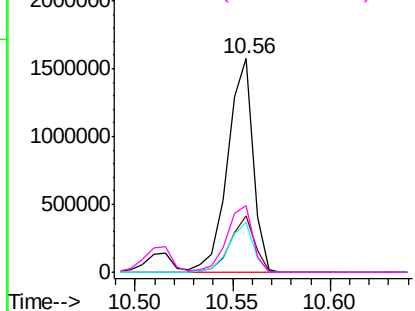
#63
Azobenzene
Concen: 41.371 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion: 77 Resp: 1414250
Ion Ratio Lower Upper
77 100
182 26.6 4.4 44.4
105 23.2 2.6 42.6
51 31.4 15.1 55.1

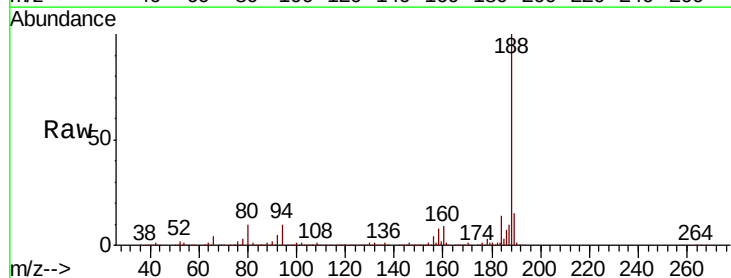


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

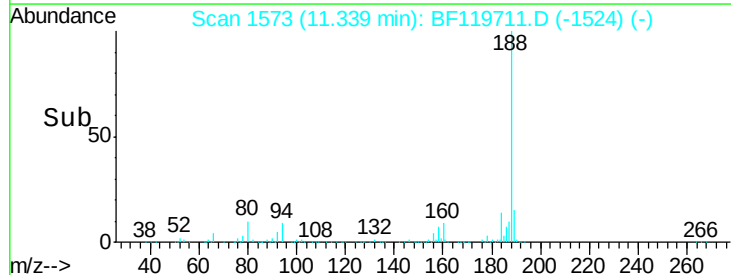
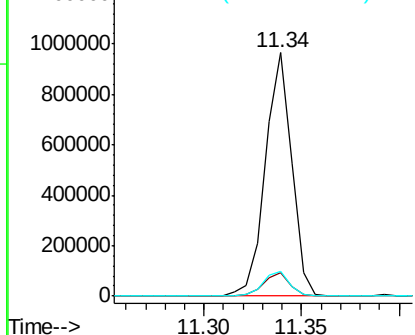


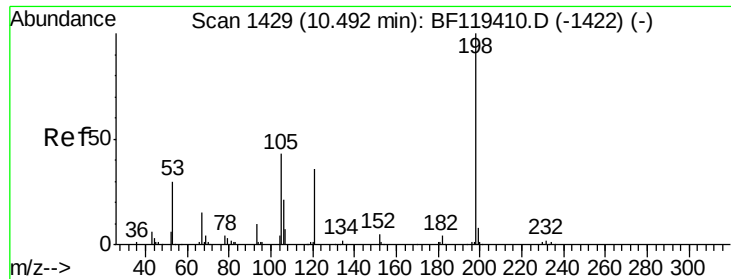
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion: 188 Resp: 901048
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 10.0 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: 68.745 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127859BSD

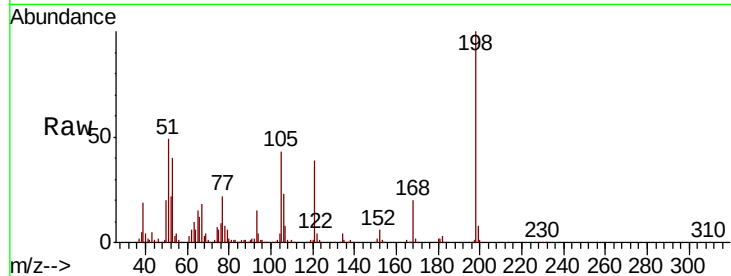
Tot Ion:198 Resp: 259740

Ion Ratio Lower Upper

198 100

51 49.1 29.0 69.0

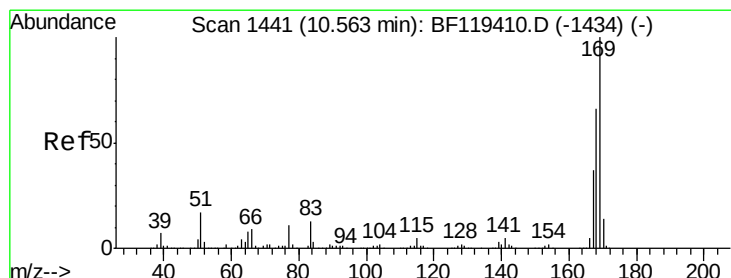
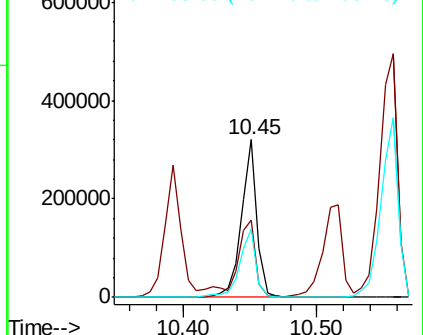
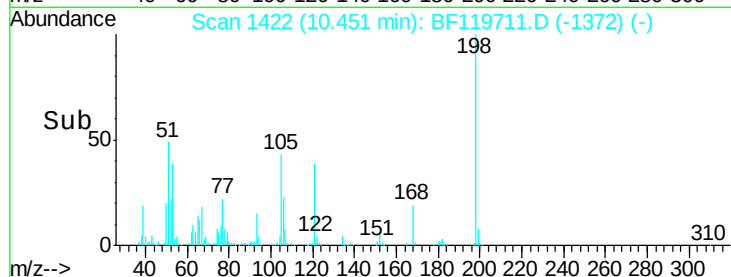
105 42.9 22.2 62.2



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: 42.536 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

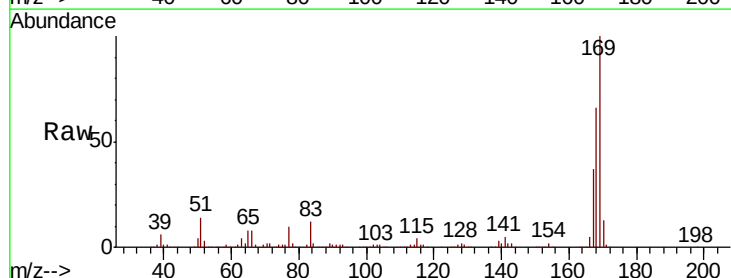
Tgt Ion:169 Resp: 1258221

Ion Ratio Lower Upper

169 100

168 65.9 53.2 79.8

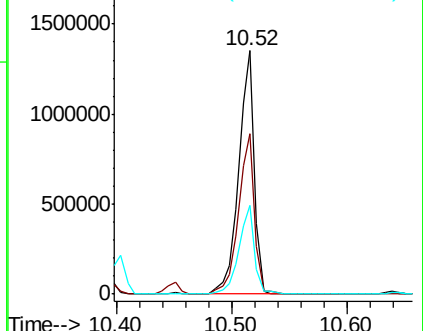
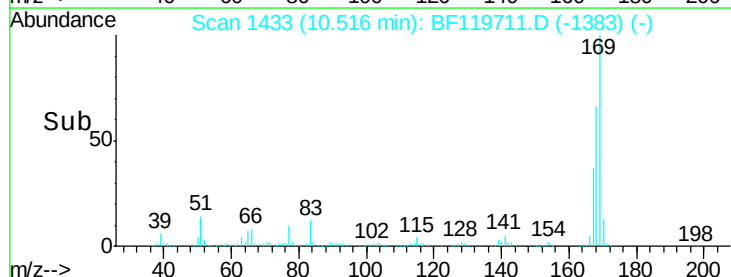
167 36.6 29.1 43.7

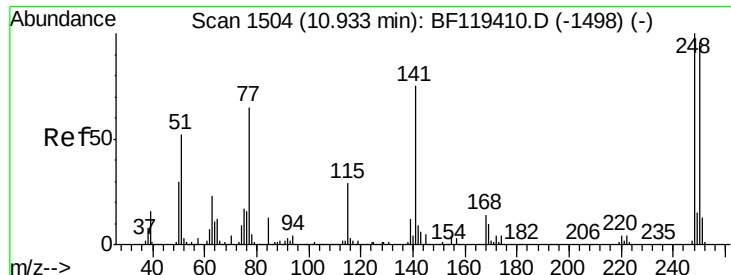


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

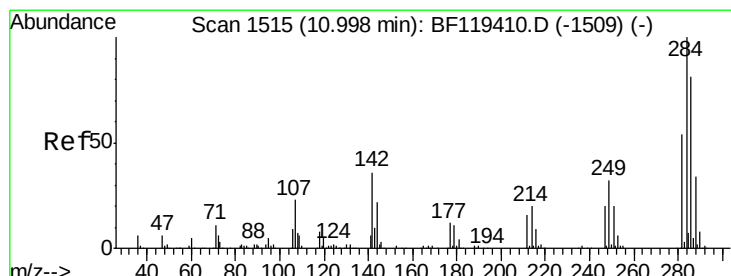
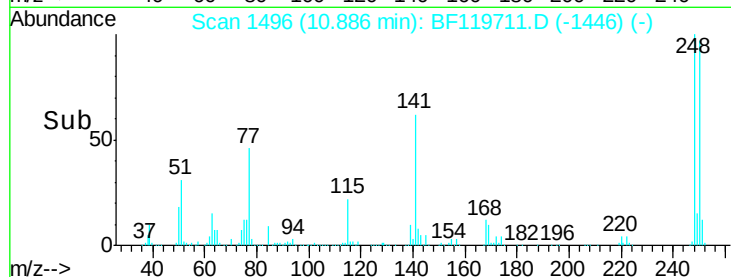
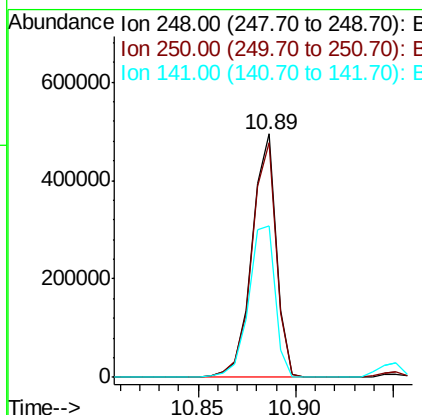
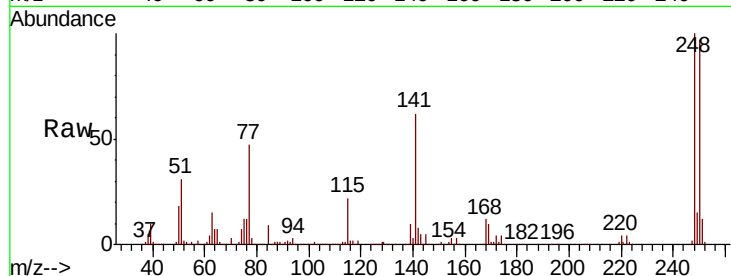




#67
 4-Bromophenyl-phenylether
 Concen: 41.704 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

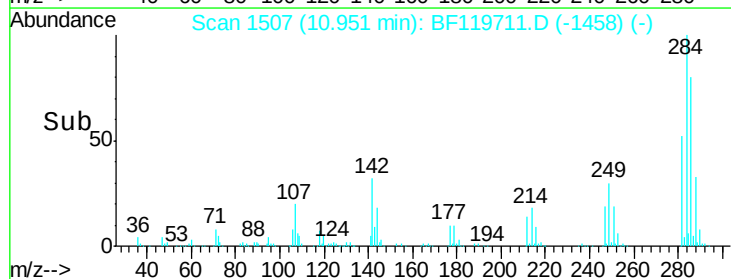
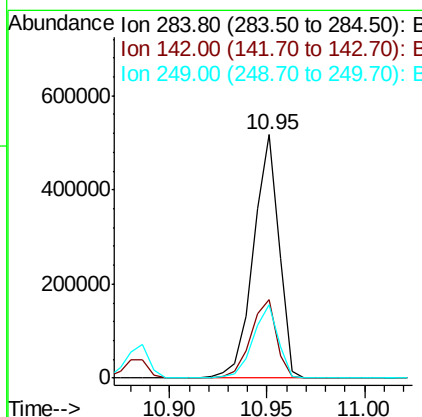
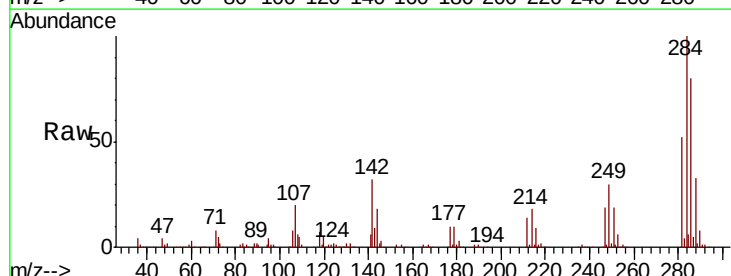
Instrument :
 BNA_F
 ClientSampleId :
 PB127859BSD

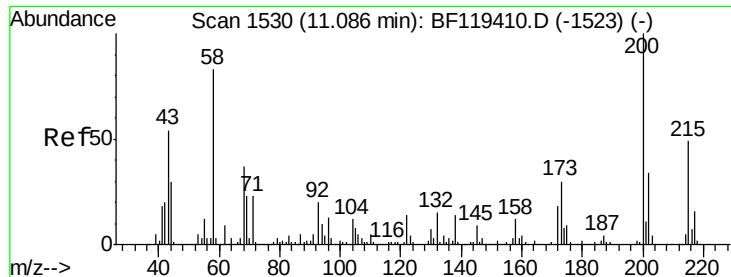
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.3	115.9
141	62.1	58.6	87.8



#68
 Hexachlorobenzene
 Concen: 44.502 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	29.2	43.8
249	30.1	25.1	37.7





#69

Atrazine

Concen: 46.441 ng

RT: 11.05 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127859BSD

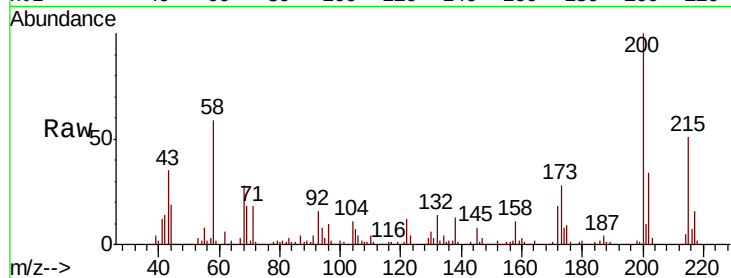
Tot Ion:200 Resp: 376609

Ion Ratio Lower Upper

200 100

173 28.2 9.3 49.3

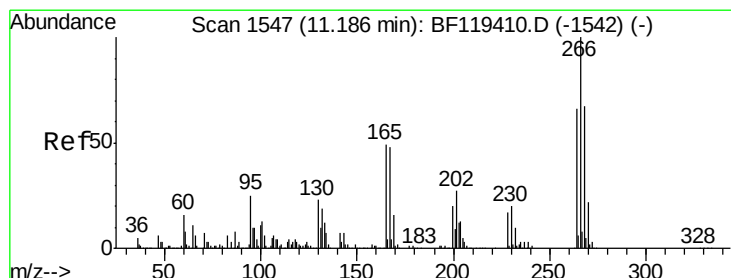
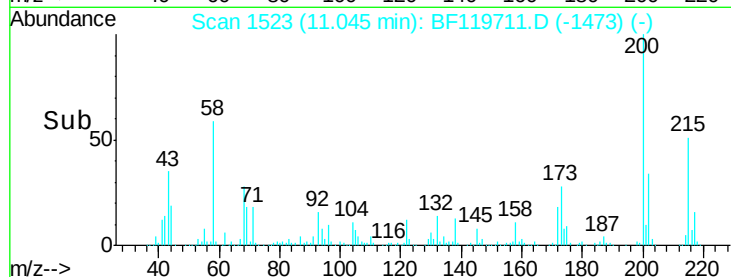
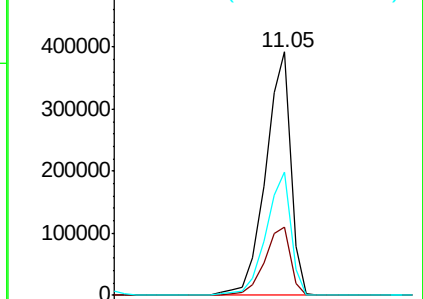
215 50.7 29.5 69.5



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: 86.924 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

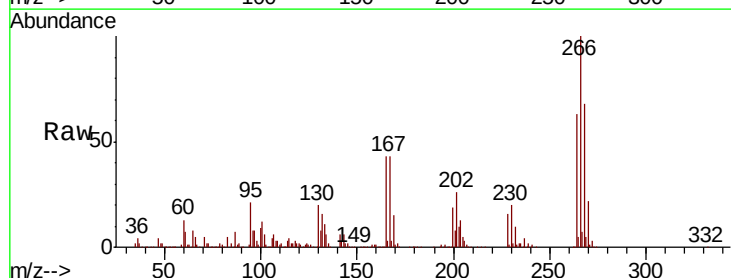
Tgt Ion:266 Resp: 535304

Ion Ratio Lower Upper

266 100

268 68.2 53.3 79.9

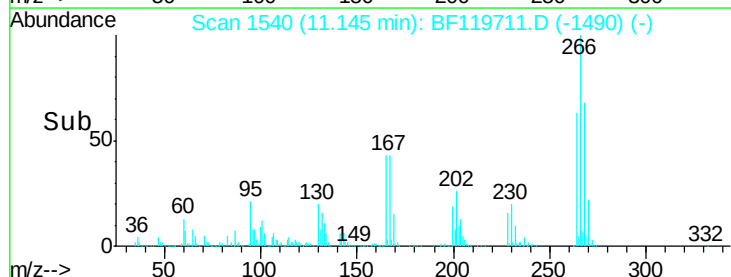
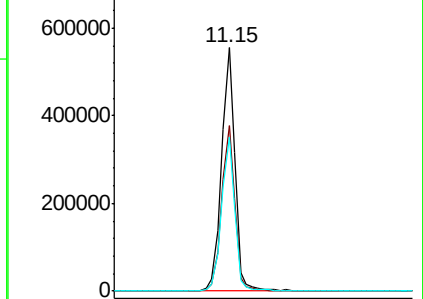
264 63.2 49.0 73.4

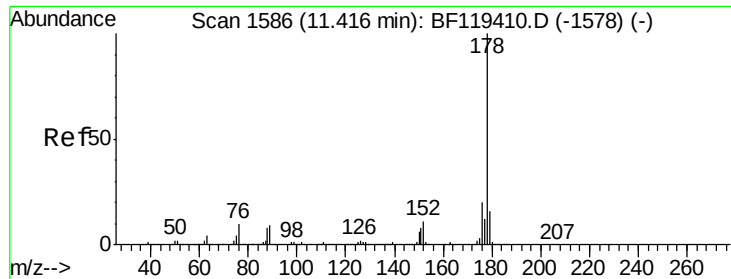


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

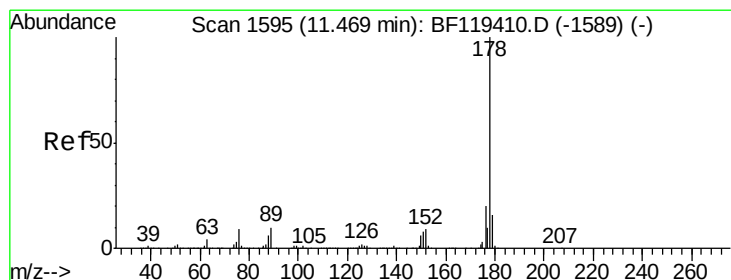
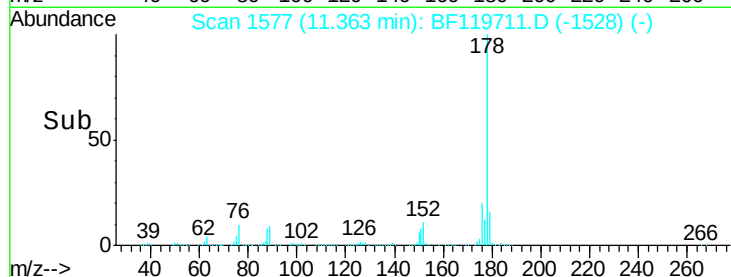
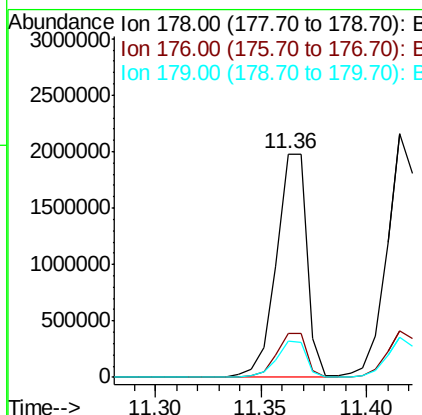
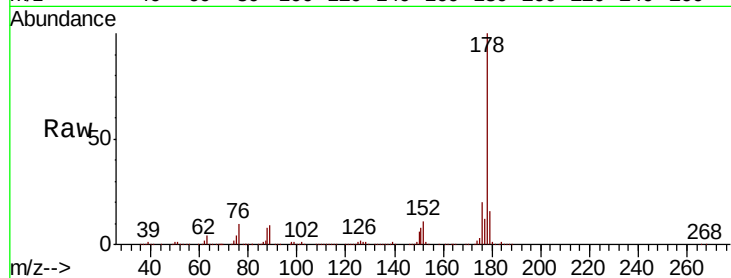




#71
Phenanthrene
Concen: 42.864 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

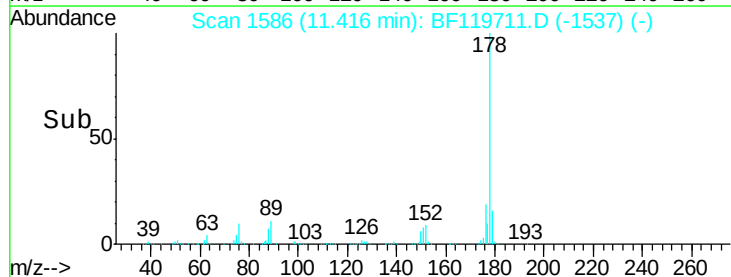
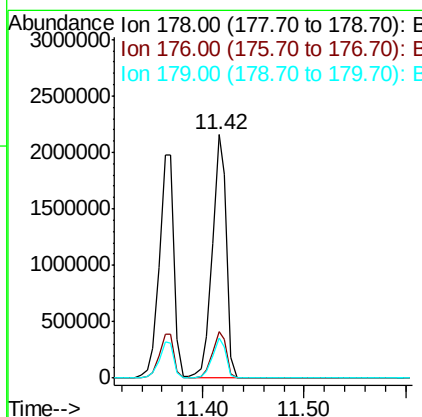
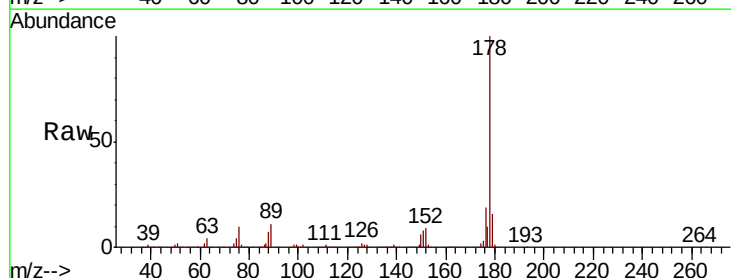
Instrument :
BNA_F
ClientSampleId :
PB127859BSD

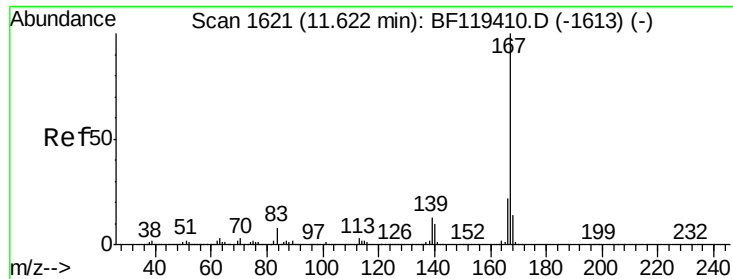
Tot Ion:178 Resp: 2002667
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.4
179 16.0 13.2 19.8



#72
Anthracene
Concen: 43.602 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion:178 Resp: 2070463
Ion Ratio Lower Upper
178 100
176 19.3 16.1 24.1
179 16.4 13.0 19.4

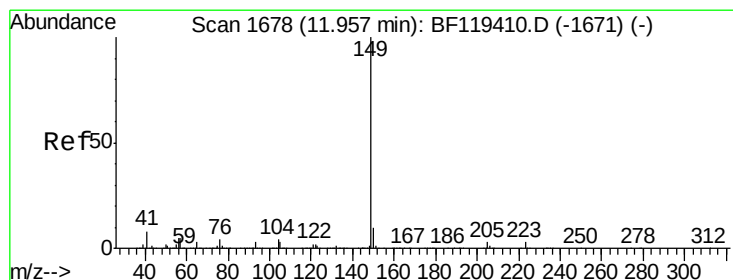
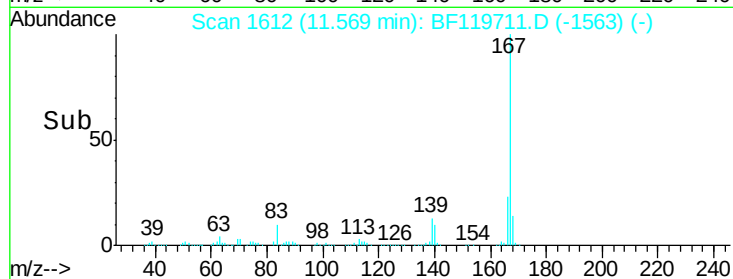
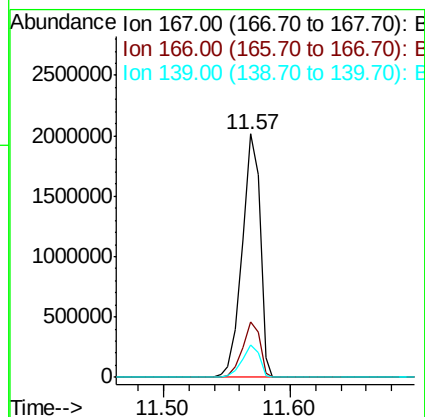
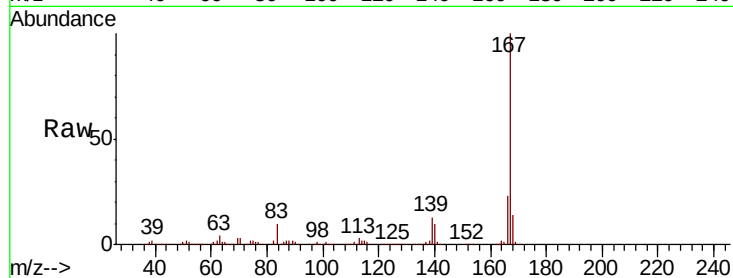




#73
 Carbazole
 Concen: 41.572 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

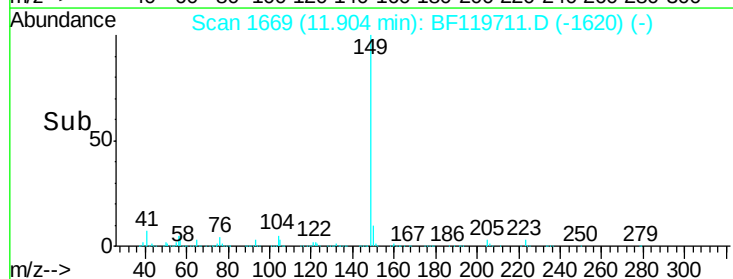
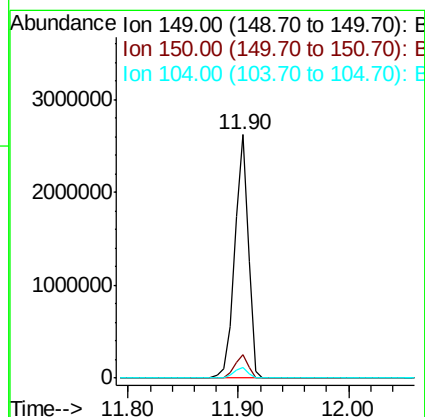
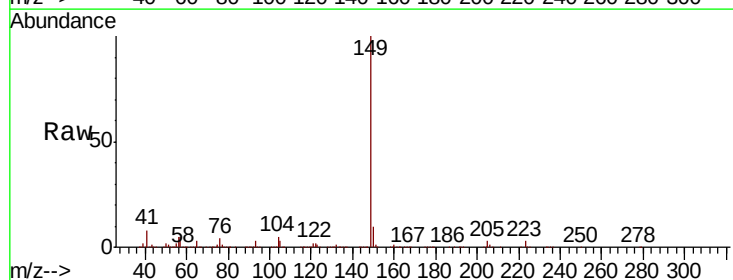
Instrument :
 BNA_F
 ClientSampleId :
 PB127859BSD

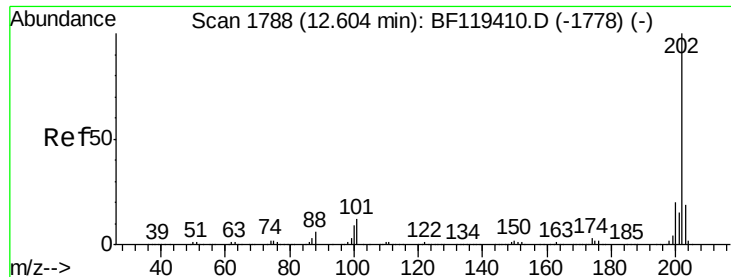
Tot Ion:167 Resp: 1953944
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.4
 139 13.3 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 44.968 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Tgt Ion:149 Resp: 2260938
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 4.6 3.6 5.4

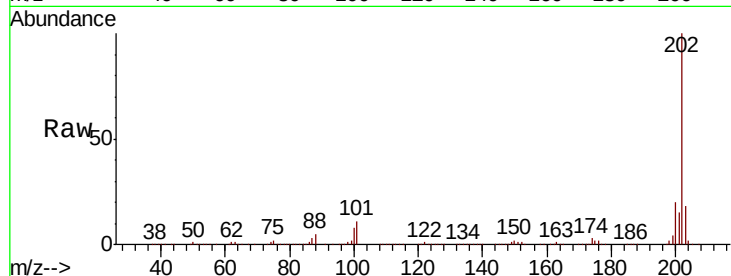




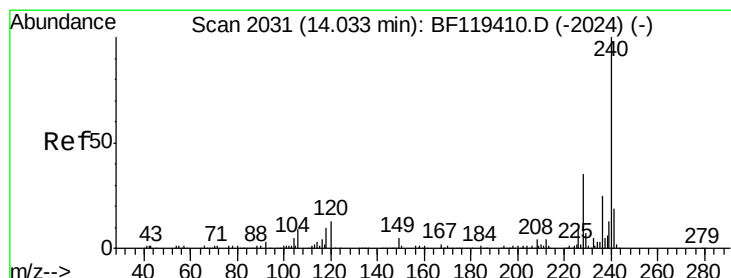
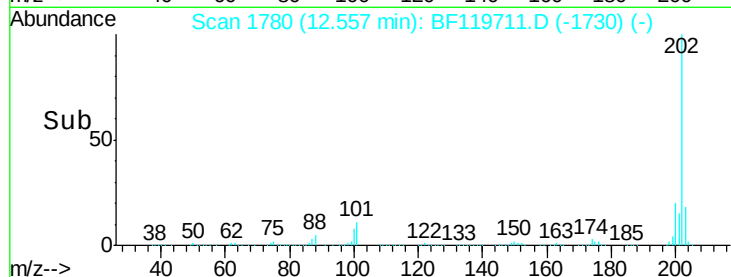
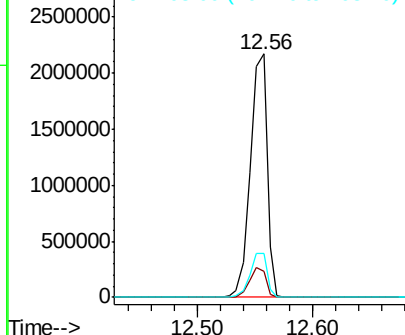
#75
Fluoranthene
Concen: 43.468 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion:202 Resp: 2197893
Ion Ratio Lower Upper
202 100
101 10.8 0.0 32.2
203 18.0 0.0 38.8

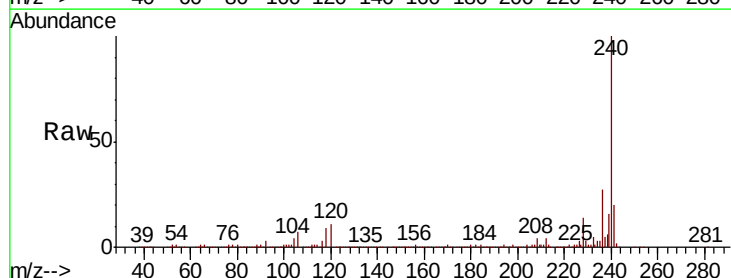


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

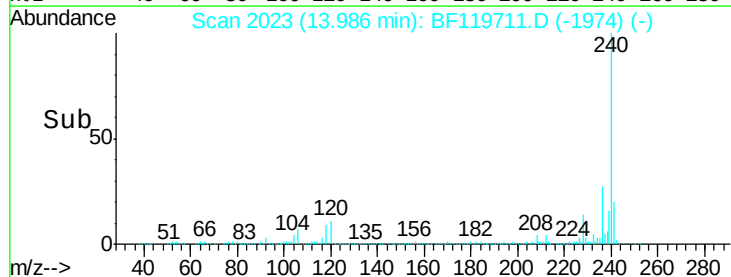
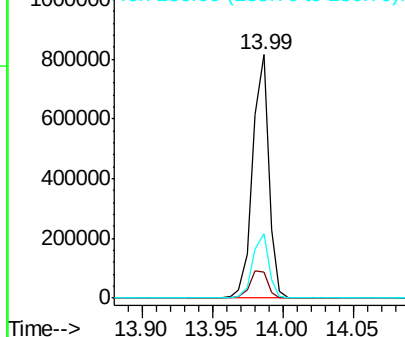


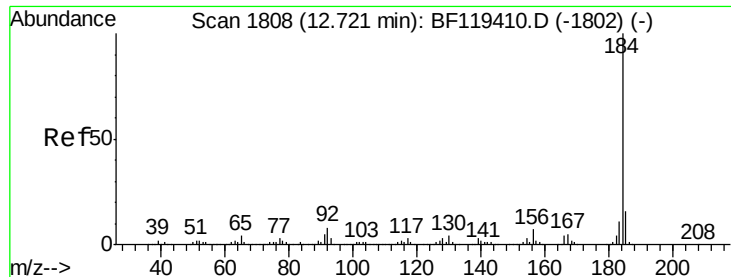
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion:240 Resp: 661948
Ion Ratio Lower Upper
240 100
120 10.8 10.6 15.8
236 26.7 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.977 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

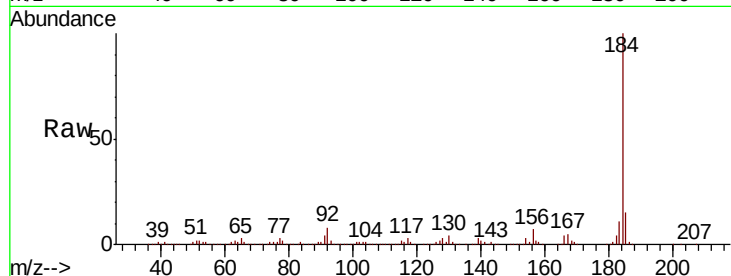
BNA_F

ClientSampleId :

PB127859BSD

Tot Ion:184 Resp: 1119918

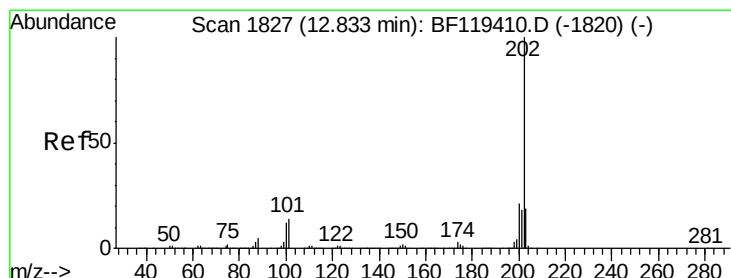
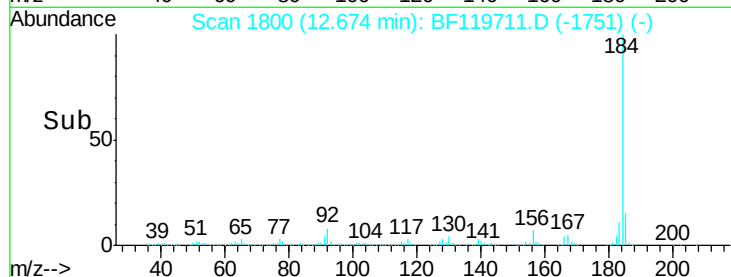
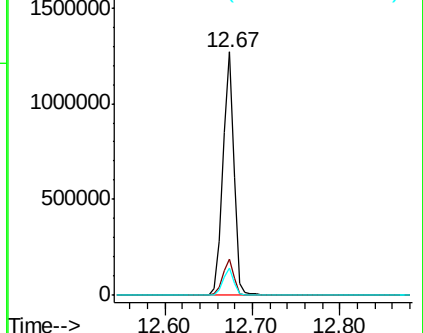
Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.3	18.5
183	11.0	9.0	13.6



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: 40.848 ng

RT: 12.79 min Scan# 1819

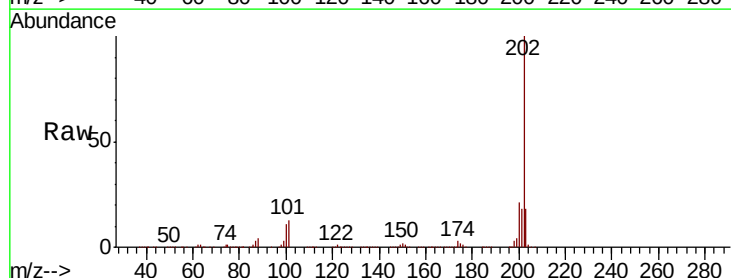
Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Tgt Ion:202 Resp: 2219060

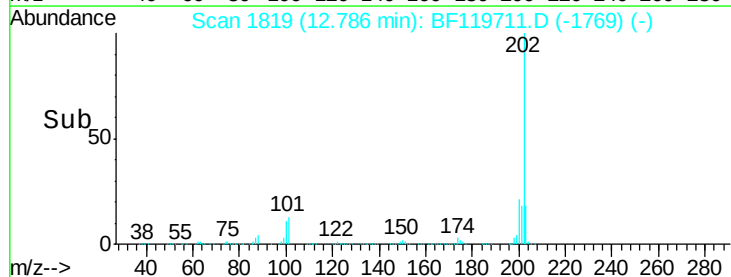
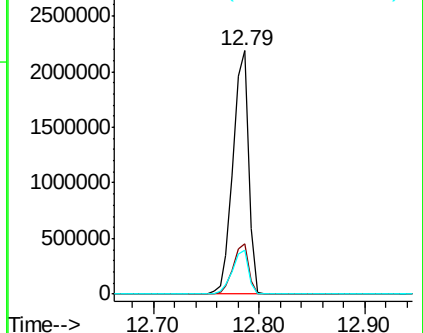
Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.8	25.2
203	18.1	15.1	22.7

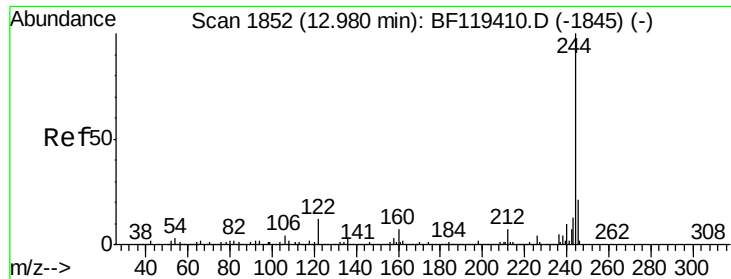


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.090 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

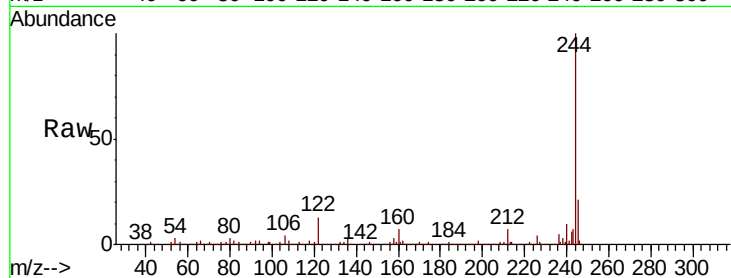
BNA_F

ClientSampleId :

PB127859BSD

Tot Ion:244 Resp: 2773537

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	13.3	10.3	15.5

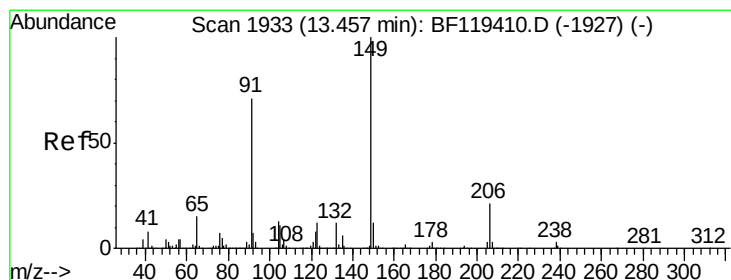
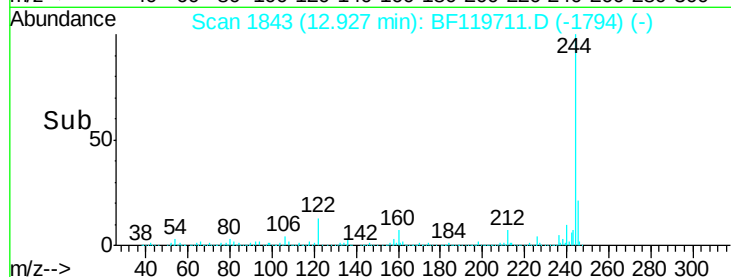
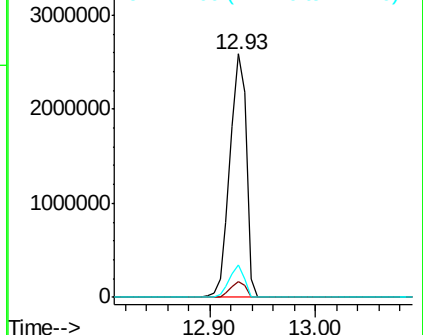


Abundance

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: 43.446 ng

RT: 13.40 min Scan# 1924

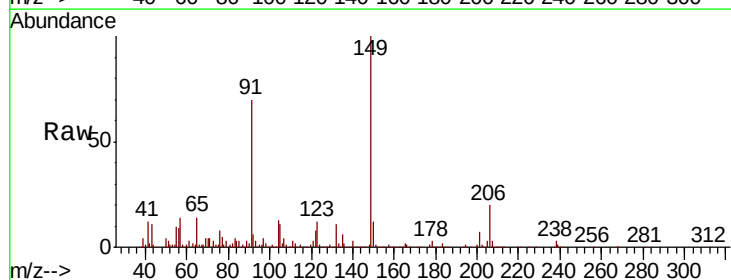
Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Tgt Ion:149 Resp: 954599

Ion	Ratio	Lower	Upper
149	100		
91	69.8	54.7	82.1
206	19.8	16.2	24.2

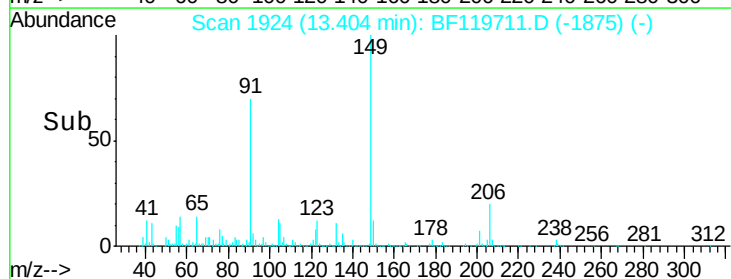
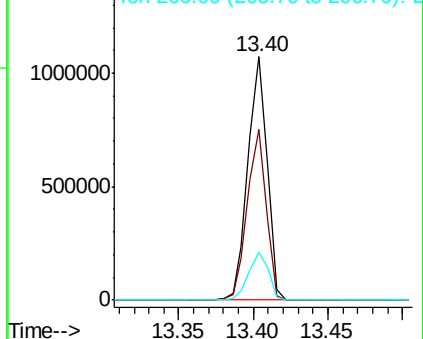


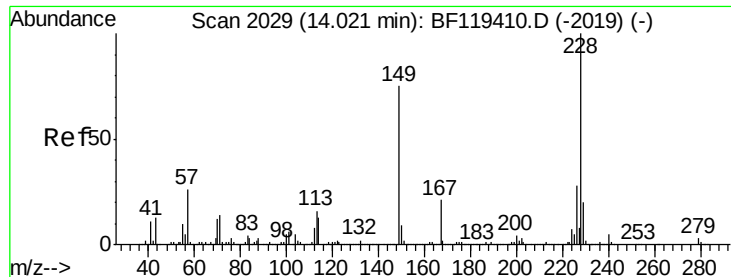
Abundance

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

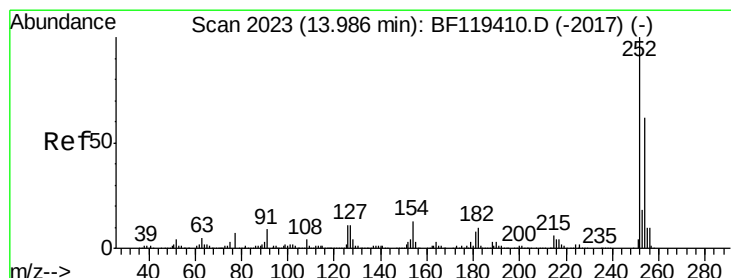
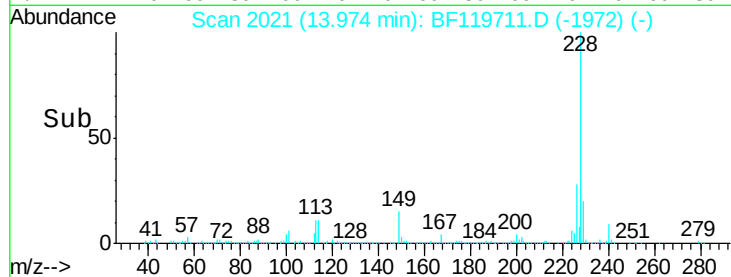
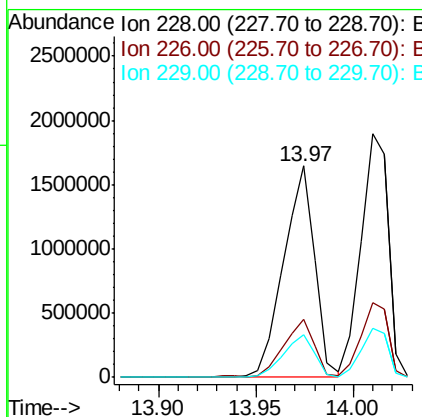
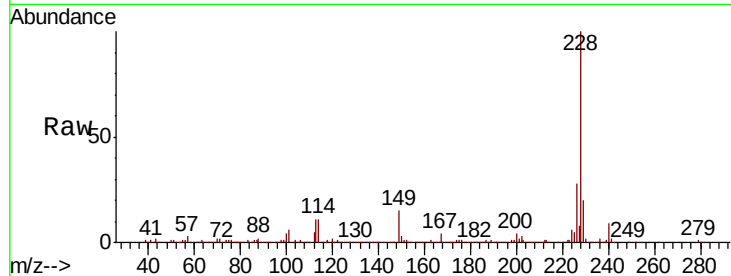




#81
Benzo(a)anthracene
Concen: 42.102 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

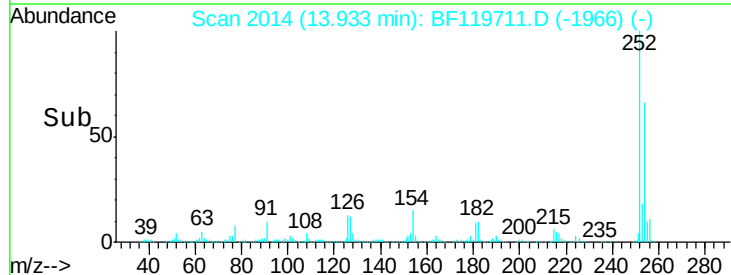
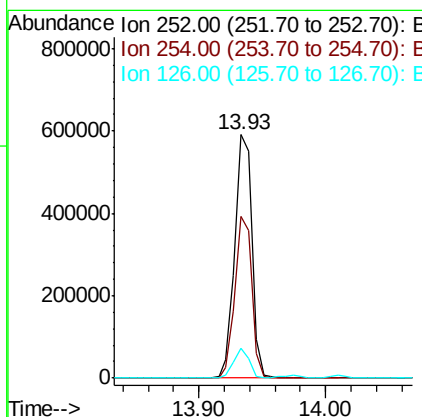
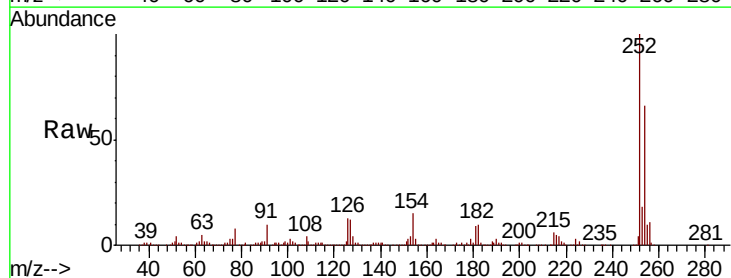
Instrument :
BNA_F
ClientSampleId :
PB127859BSD

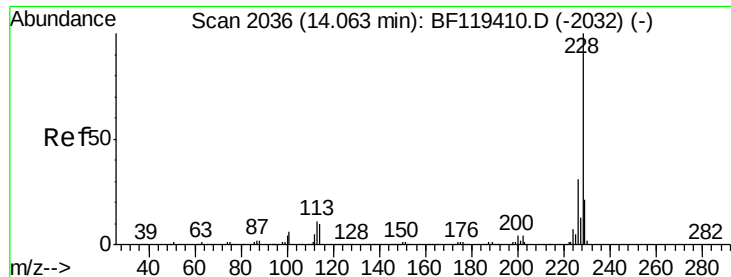
Tot Ion:228 Resp: 1812310
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 20.2 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 32.336 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion:252 Resp: 548819
Ion Ratio Lower Upper
252 100
254 66.2 51.2 76.8
126 12.5 9.6 14.4

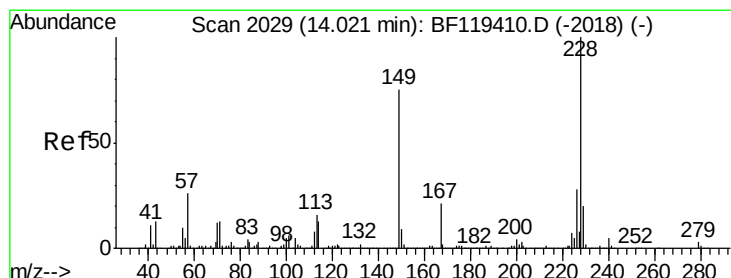
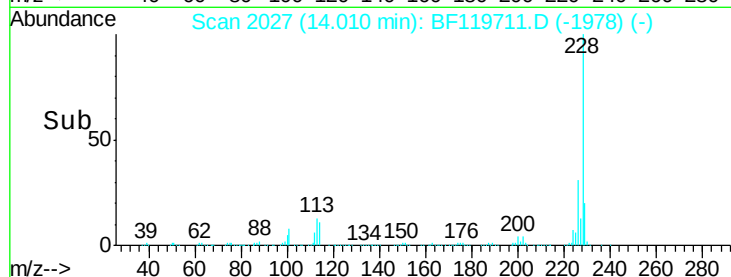
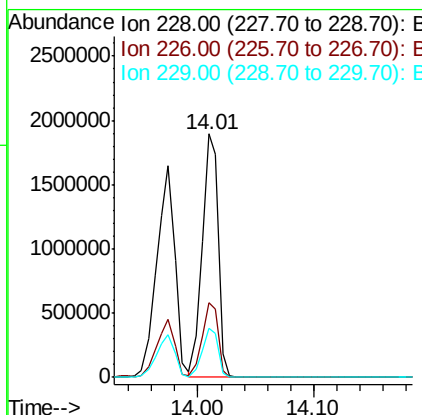
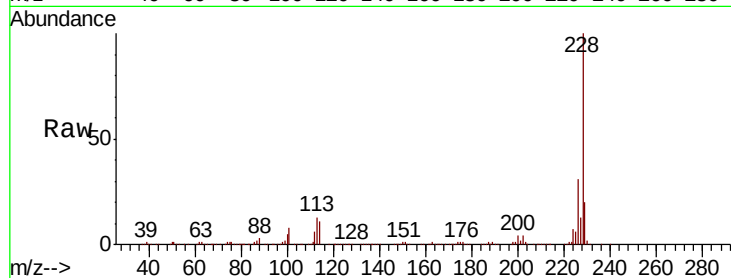




#83
 Chrysene
 Concen: 41.573 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

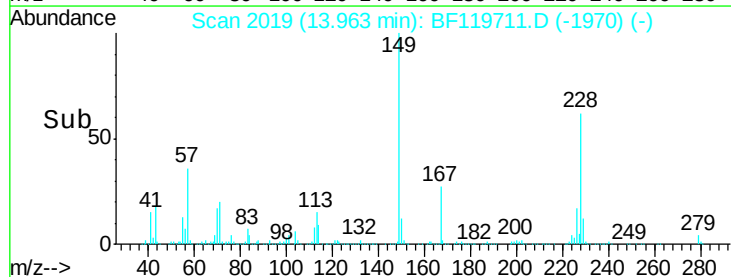
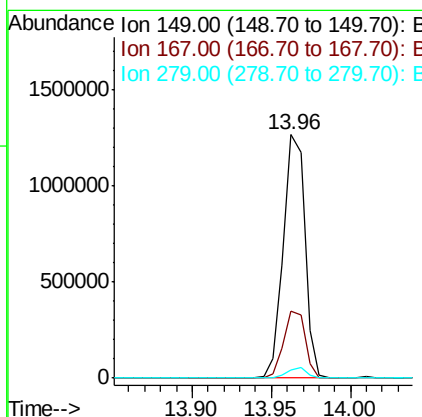
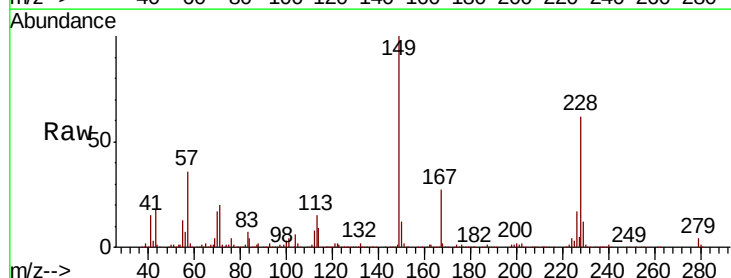
Instrument :
 BNA_F
 ClientSampleId :
 PB127859BSD

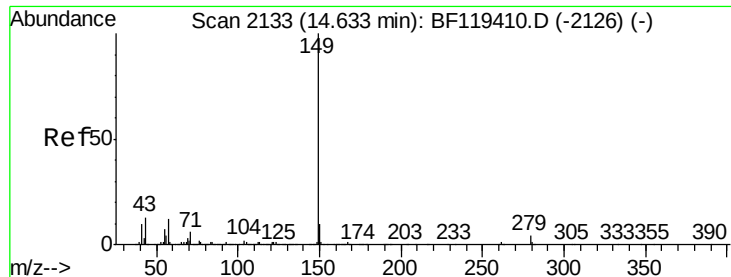
Tot Ion:228 Resp: 1846885
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.4 38.0
 229 20.3 16.6 24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.937 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Tgt Ion:149 Resp: 1203220
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.3 31.9
 279 3.6 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 48.088 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127859BSD

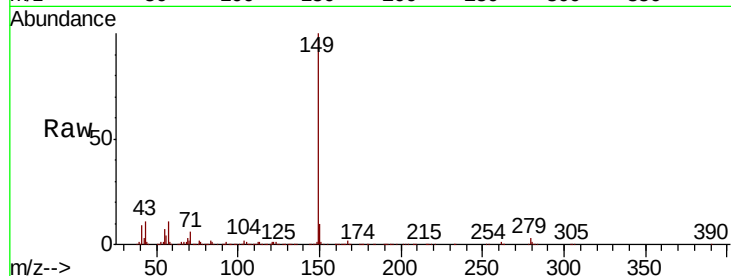
Tot Ion:149 Resp: 2215190

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

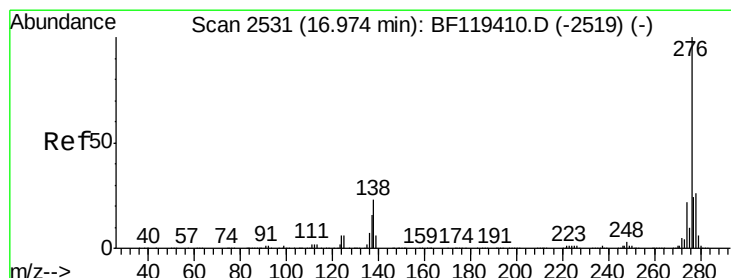
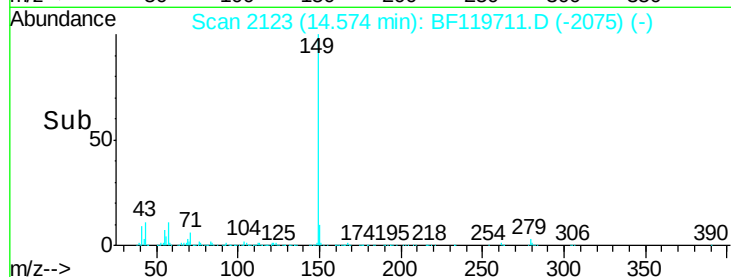
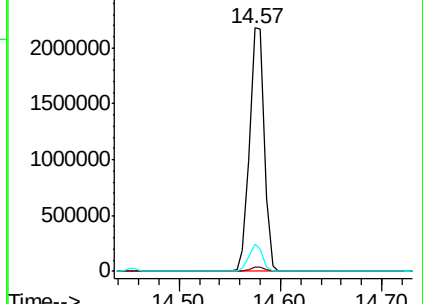
43 10.5 9.3 13.9



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: 42.237 ng

RT: 16.89 min Scan# 2516

Delta R.T. -0.03 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

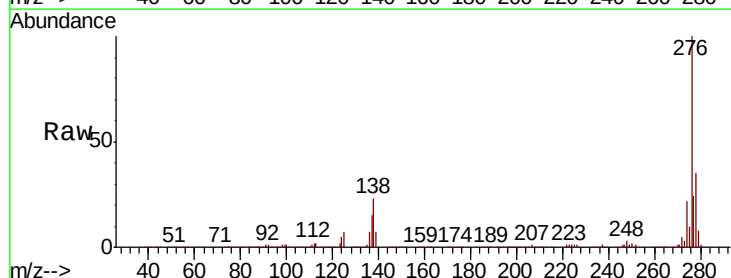
Tgt Ion:276 Resp: 1767149

Ion Ratio Lower Upper

276 100

138 25.2 19.6 29.4

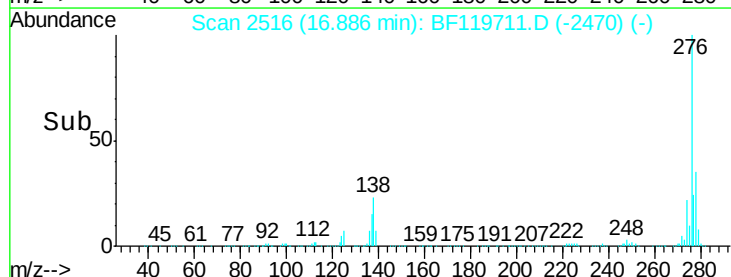
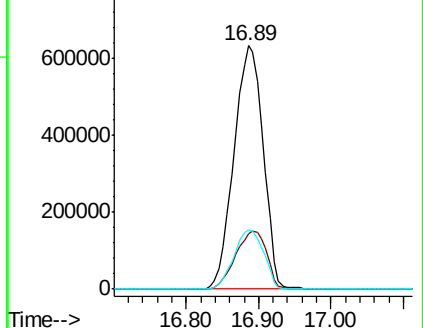
277 25.0 20.0 30.0

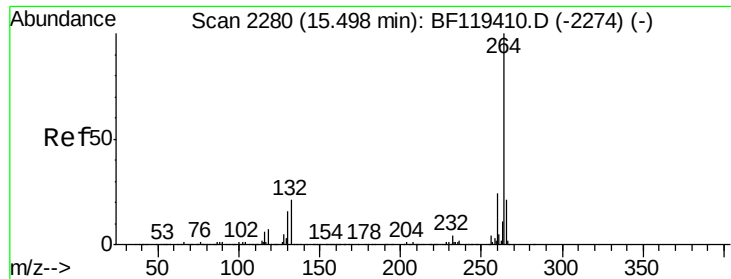


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.43 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127859BSD

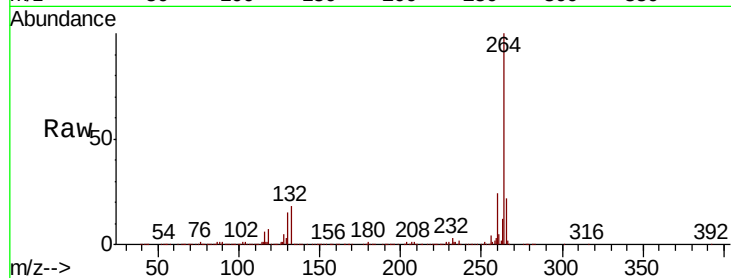
Tot Ion:264 Resp: 645532

Ion Ratio Lower Upper

264 100

260 24.5 18.7 28.1

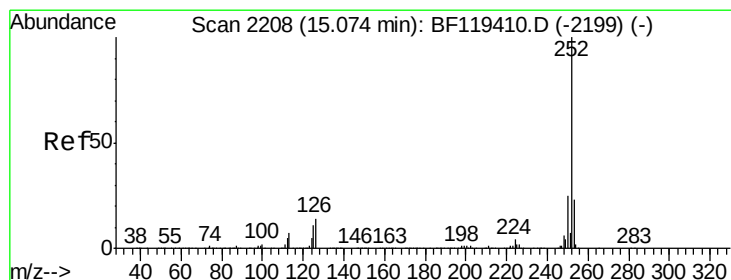
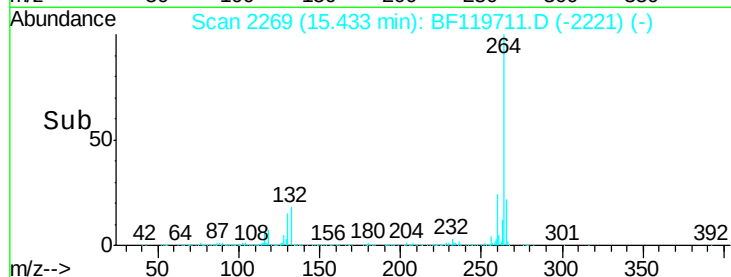
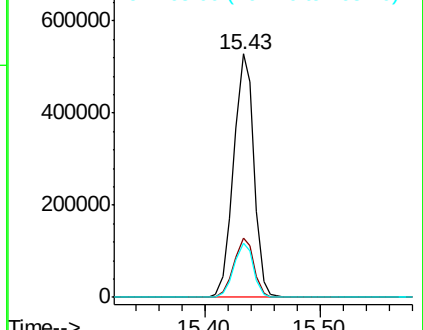
265 22.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.152 ng

RT: 15.02 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

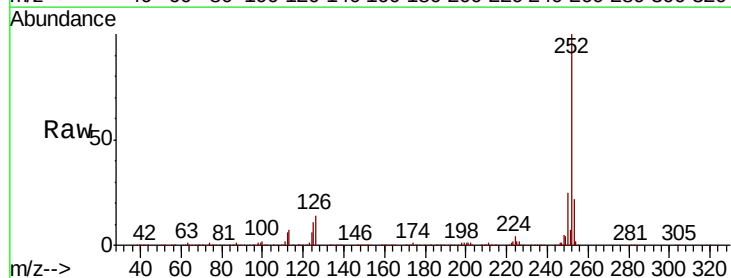
Tgt Ion:252 Resp: 1860782

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

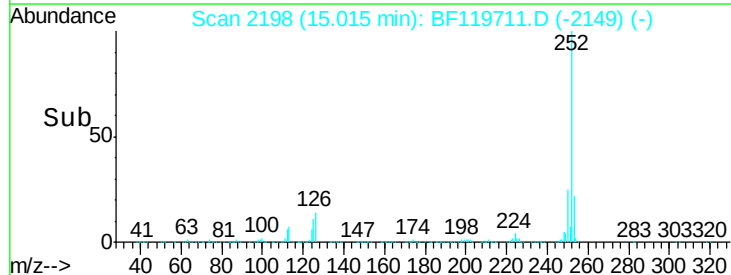
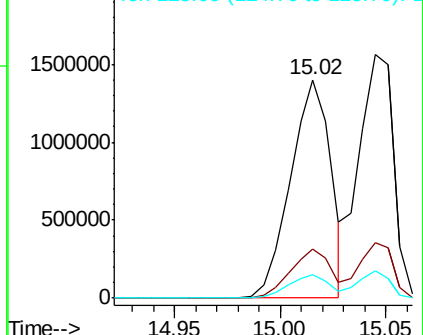
125 10.7 7.9 11.9

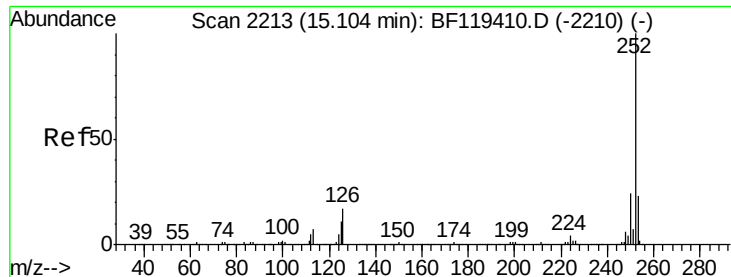


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

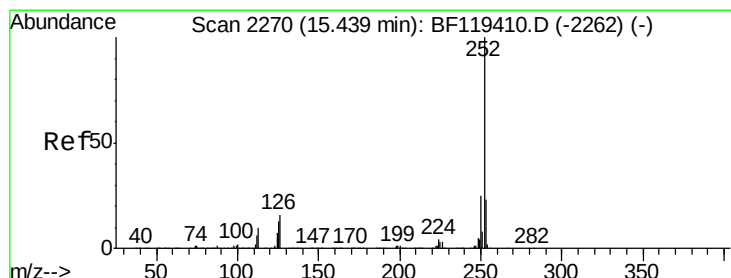
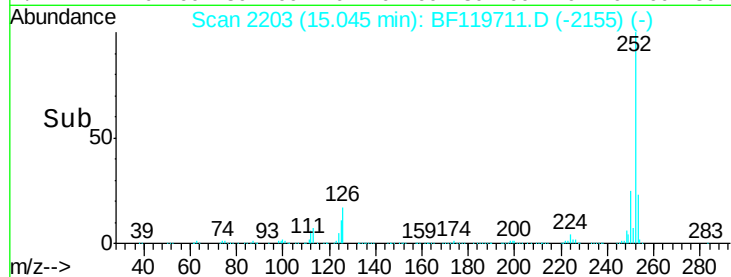
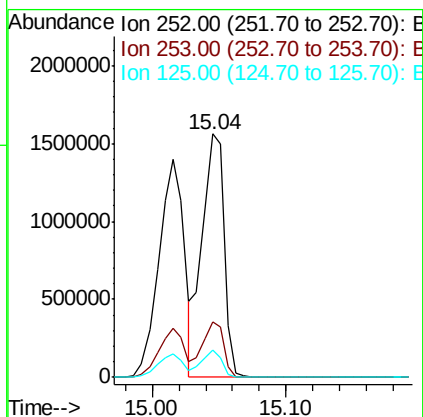
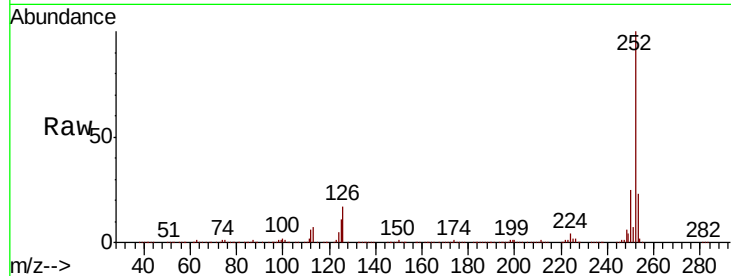




#89
Benzo(k)fluoranthene
Concen: 43.787 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

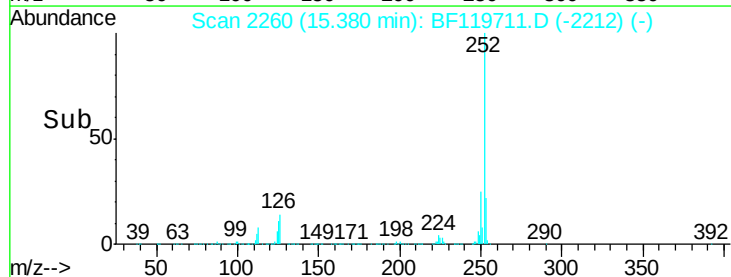
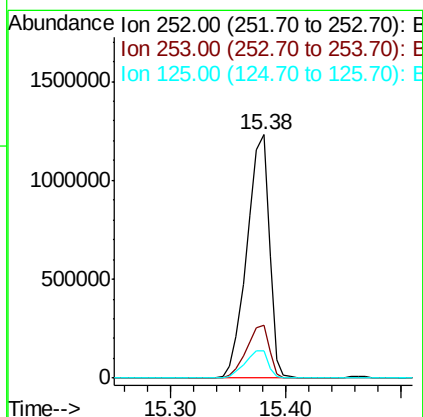
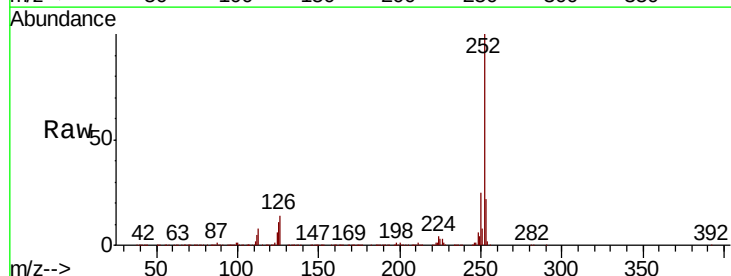
Instrument :
BNA_F
ClientSampleId :
PB127859BSD

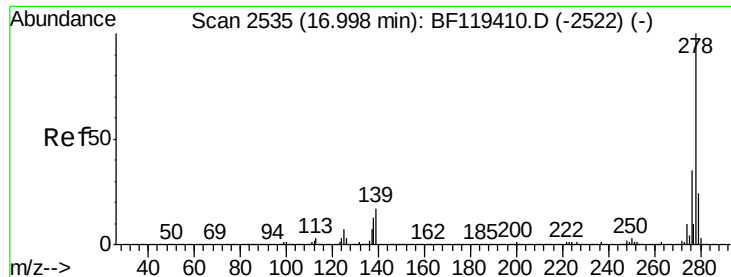
Tot Ion:252 Resp: 1797902
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.5 8.4 12.6



#90
Benzo(a)pyrene
Concen: 42.433 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion:252 Resp: 1662887
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 11.2 9.4 14.2

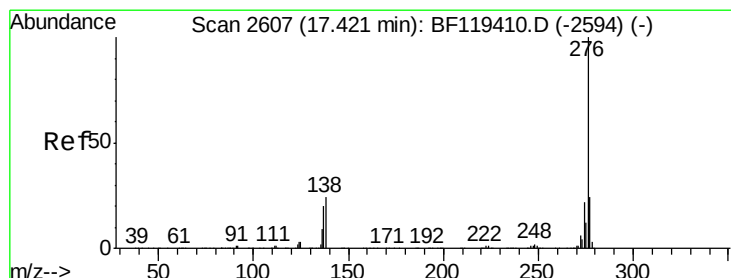
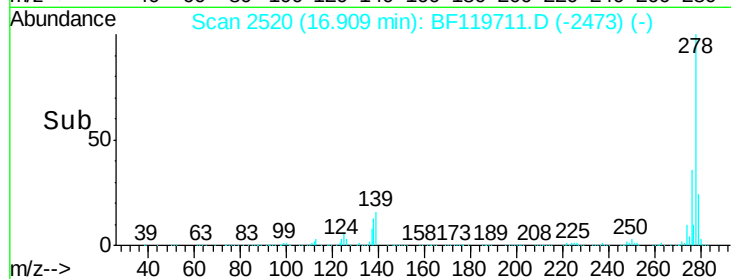
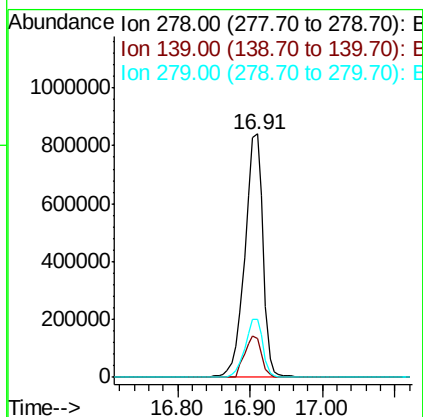
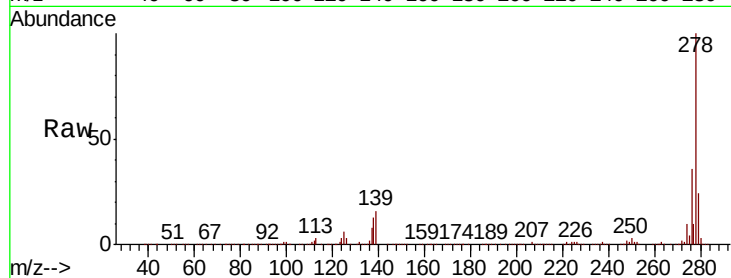




#91
Dibenzo(a,h)anthracene
Concen: 42.662 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion:278 Resp: 1462301
Ion Ratio Lower Upper
278 100
139 16.0 12.6 19.0
279 24.0 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 42.482 ng
RT: 17.33 min Scan# 2591
Delta R.T. -0.03 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion:276 Resp: 1462879
Ion Ratio Lower Upper
276 100
277 24.7 18.4 27.6
138 21.3 15.4 23.0

