

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119486.D
 Acq On : 24 Mar 2020 12:12
 Operator : CG/JU
 Sample : PB127730BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BSD

Quant Time: Mar 24 12:44:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	335192	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1307075	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	670235	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1298951	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	987352	20.00	ng	0.00
87) Perylene-d12	15.49	264	1020251	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	2613395	124.12	ng	0.01
7) Phenol-d6	6.47	99	3371129	125.33	ng	0.00
23) Nitrobenzene-d5	7.41	82	2115457	87.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	971964	140.57	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3902946	86.27	ng	0.00
79) Terphenyl-d14	12.97	244	4374200	86.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	365110	35.109	ng	99
3) Pyridine	3.43	79	1030453	35.967	ng	98
4) n-Nitrosodimethylamine	3.39	42	573548	41.052	ng	# 99
6) Aniline	6.50	93	1256305	33.842	ng	99
8) 2-Chlorophenol	6.63	128	1098832	49.688	ng	99
9) Benzaldehyde	6.39	77	705521	41.348	ng	99
10) Phenol	6.49	94	1361426	47.436	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	1034956	45.088	ng	96
12) 1,3-Dichlorobenzene	6.79	146	1083413	45.265	ng	99
13) 1,4-Dichlorobenzene	6.86	146	1102721	46.060	ng	99
14) 1,2-Dichlorobenzene	7.02	146	1028070	45.942	ng	100
15) Benzyl Alcohol	6.99	79	922122	45.575	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1990745	42.996	ng	98
17) 2-Methylphenol	7.10	107	882625	43.560	ng	99
18) Hexachloroethane	7.36	117	422128	48.113	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	759037	46.818	ng	97
20) 3+4-Methylphenols	7.10	107	881419	35.495	ng	77
22) Acetophenone	7.26	105	1415923	45.335	ng	95
24) Nitrobenzene	7.43	77	1131318	44.016	ng	100
25) Isophorone	7.67	82	2140192	43.869	ng	100
26) 2-Nitrophenol	7.75	139	553002	54.645	ng	100
27) 2,4-Dimethylphenol	7.78	122	980377	46.851	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	1349882	46.791	ng	100
29) 2,4-Dichlorophenol	7.99	162	892033	46.395	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	969348	45.588	ng	99
31) Naphthalene	8.15	128	3005410	44.681	ng	98
32) Benzoic acid	7.91	122	721811	53.625	ng	97
33) 4-Chloroaniline	8.20	127	757250	24.569	ng	98
34) Hexachlorobutadiene	8.27	225	553453	46.520	ng	98
35) Caprolactam	8.53	113	14266	2.267	ng	95
36) 4-Chloro-3-methylphenol	8.68	107	976270	46.457	ng	98
37) 2-Methylnaphthalene	8.85	142	2087419	47.286	ng	100
38) 1-Methylnaphthalene	8.95	142	1969505	47.136	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	886438	45.123	ng	99

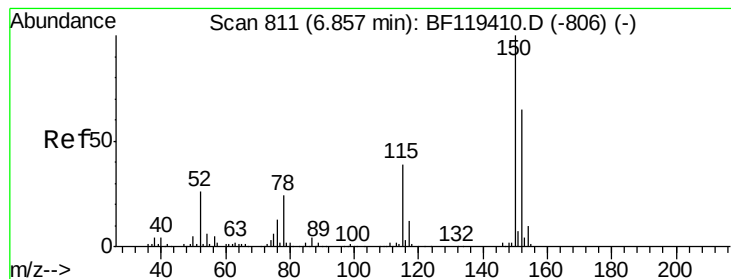
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1134543	101.584	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	686285	48.816	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	670321	42.563	ng	97
46) 1,1'-Biphenyl	9.32	154	2468013	45.212	ng	99
47) 2-Chloronaphthalene	9.34	162	1922582	44.963	ng	98
48) 2-Nitroaniline	9.43	65	699177	47.374	ng	97
49) Acenaphthylene	9.76	152	2976909	44.334	ng	99
50) Dimethylphthalate	9.62	163	2220026	46.632	ng	98
51) 2,6-Dinitrotoluene	9.67	165	505002	49.489	ng	96
52) Acenaphthene	9.93	154	2080222	49.694	ng	99
53) 3-Nitroaniline	9.84	138	368855	28.632	ng	98
54) 2,4-Dinitrophenol	9.95	184	494535	109.092	ng	95
55) Dibenzofuran	10.10	168	2700513	44.996	ng	98
56) 4-Nitrophenol	10.00	139	924382	90.957	ng	91
57) 2,4-Dinitrotoluene	10.08	165	660616	51.391	ng	89
58) Fluorene	10.45	166	2056865	46.345	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	586851	49.852	ng	99
60) Diethylphthalate	10.32	149	2311337	47.836	ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	996238	45.902	ng	99
62) 4-Nitroaniline	10.46	138	553731	44.823	ng	99
63) Azobenzene	10.60	77	2203946	45.295	ng	95
65) 4,6-Dinitro-2-methylphenol	10.49	198	335481	61.592	ng	89
66) n-Nitrosodiphenylamine	10.56	169	1923723	45.113	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	666753	45.071	ng	96
68) Hexachlorobenzene	10.99	284	720496	47.587	ng	95
69) Atrazine	11.09	200	607531	51.968	ng	98
70) Pentachlorophenol	11.19	266	820414	92.412	ng	99
71) Phenanthrene	11.41	178	2963433	43.998	ng	99
72) Anthracene	11.46	178	3087287	45.100	ng	99
73) Carbazole	11.61	167	2901539	42.823	ng	98
74) Di-n-butylphthalate	11.95	149	3657301	50.458	ng	97
75) Fluoranthene	12.60	202	3317476	45.512	ng	99
77) Benzidine	12.72	184	2041242	48.851	ng	100
78) Pyrene	12.83	202	3354898	41.403	ng	97
80) Butylbenzylphthalate	13.44	149	1674529	51.094	ng	98
81) Benzo(a)anthracene	14.02	228	2707620	42.171	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	783037	30.931	ng	98
83) Chrysene	14.06	228	2855990	43.101	ng	98
84) Bis(2-ethylhexyl)phthalate	14.01	149	2186901	55.976	ng	100
85) Di-n-octyl phthalate	14.62	149	3996984	58.171	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	2951404	47.293	ng	98
88) Benzo(b)fluoranthene	15.07	252	3099999	45.486	ng	99
89) Benzo(k)fluoranthene	15.10	252	2836572	43.710	ng	99
90) Benzo(a)pyrene	15.43	252	2722258	43.953	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	2462485	45.456	ng	99
92) Benzo(g,h,i)perylene	17.42	276	2385488	43.831	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF119486.D

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BNA_F

ClientSampleId :

PB127731BSD

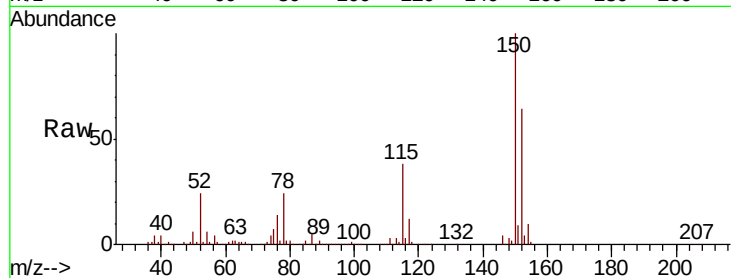
Tot Ion:152 Resp: 335192

Ion Ratio Lower Upper

152 100

150 156.0 123.9 185.9

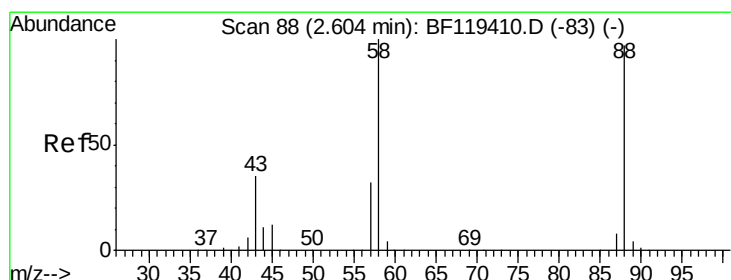
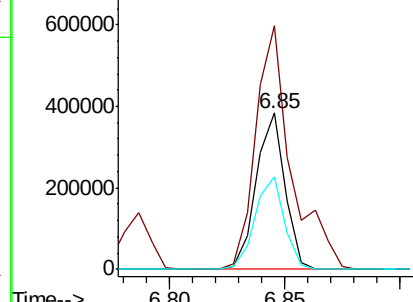
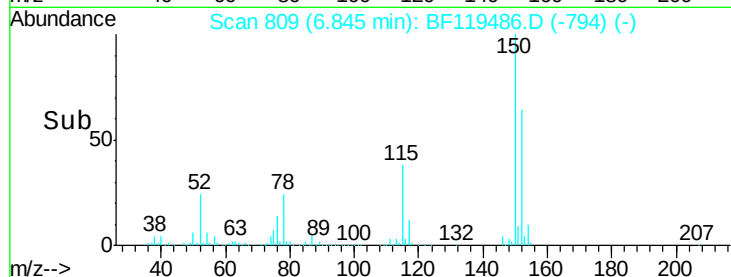
115 59.5 47.8 71.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.109 ng

RT: 2.70 min Scan# 104

Delta R.T. 0.09 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

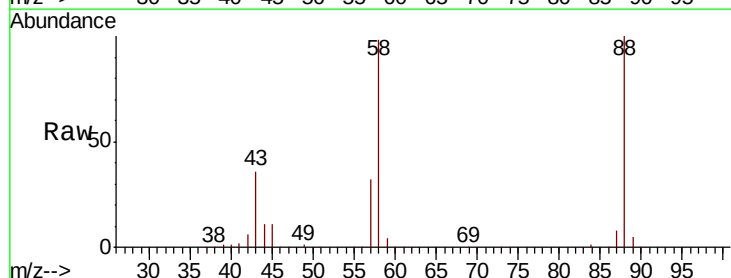
Tgt Ion: 88 Resp: 365110

Ion Ratio Lower Upper

88 100

58 100.8 79.4 119.2

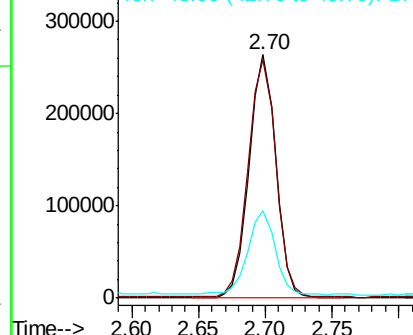
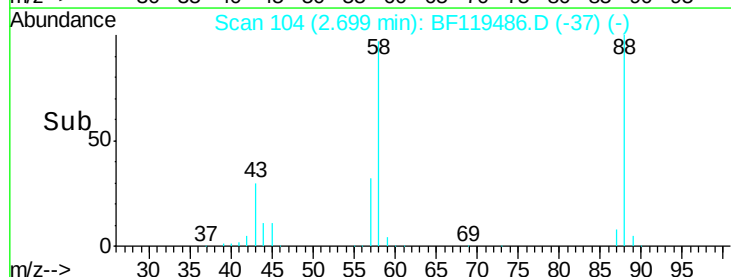
43 35.2 28.4 42.6

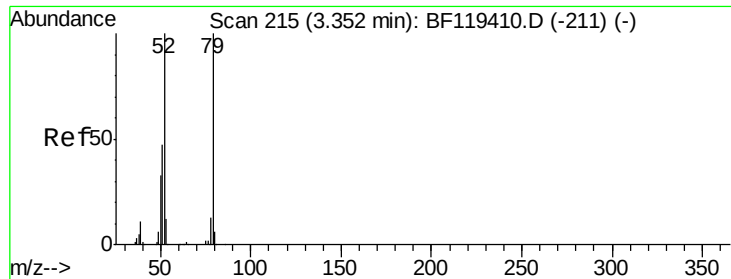


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

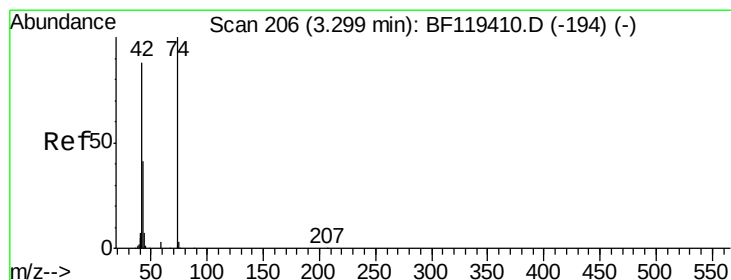
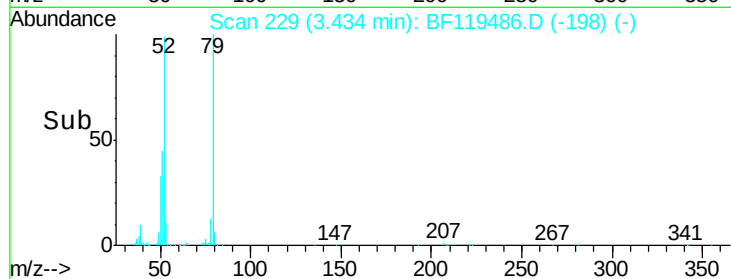
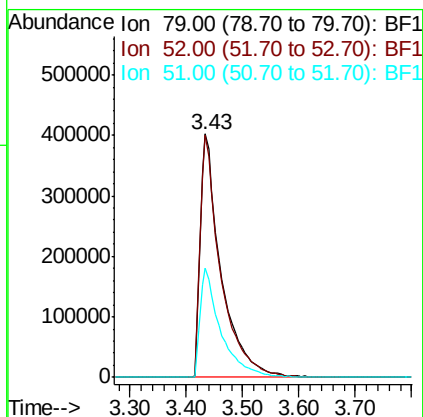
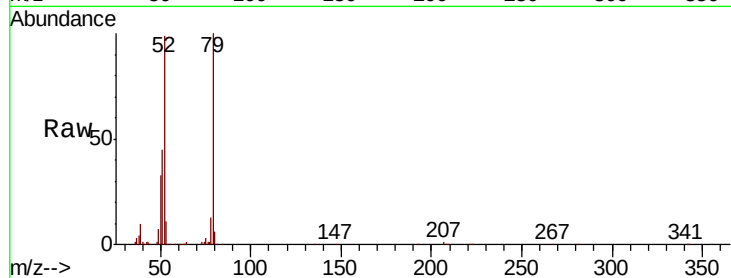




#3
 Pvridine
 Concen: 35.967 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.08 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

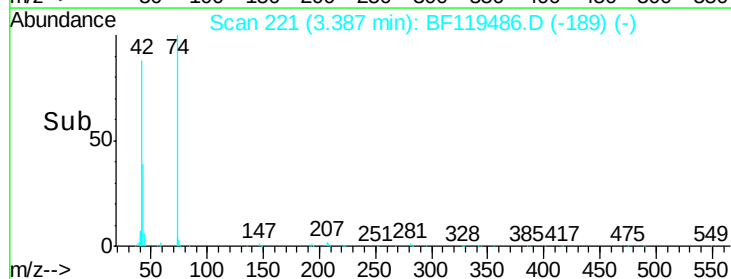
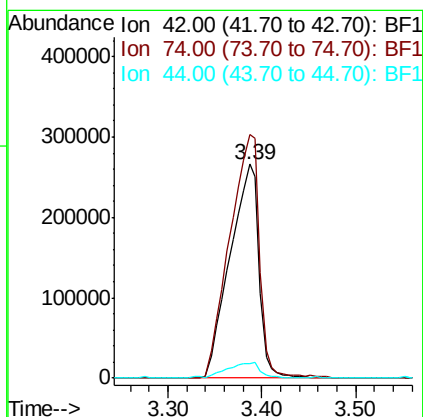
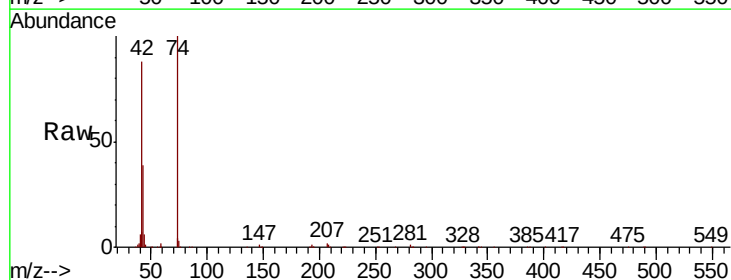
Instrument :
 BNA_F
 ClientSampleId :
 PB127731BSD

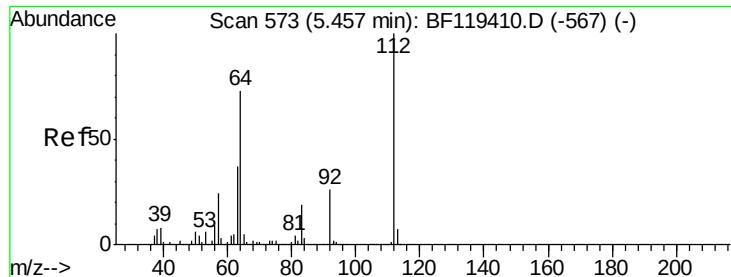
Tot Ion: 79 Resp: 1030453
 Ion Ratio Lower Upper
 79 100
 52 99.3 80.0 120.0
 51 44.8 37.9 56.9



#4
 n-Nitrosodimethylamine
 Concen: 41.052 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.09 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

Tgt Ion: 42 Resp: 573548
 Ion Ratio Lower Upper
 42 100
 74 113.8 91.3 136.9
 44 6.7 7.1 10.7#





#5

2-Fluorophenol

Concen: 124.116 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

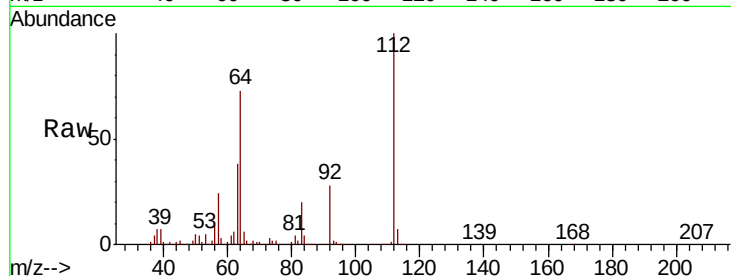
Tot Ion:112 Resp: 2613395

Ion Ratio Lower Upper

112 100

64 73.0 58.1 87.1

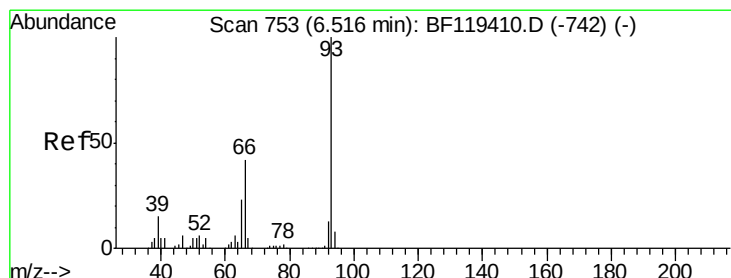
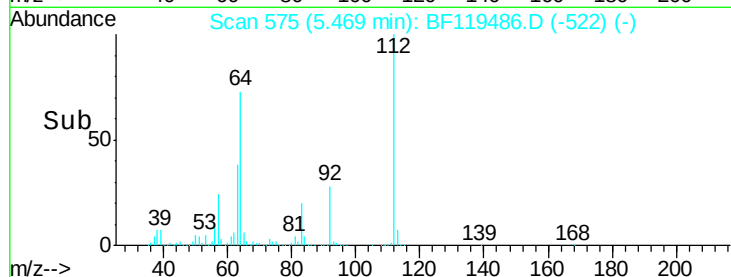
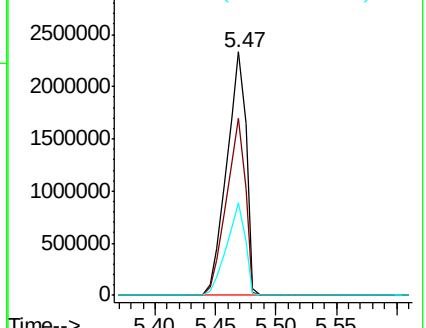
63 37.8 29.7 44.5



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: 33.842 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

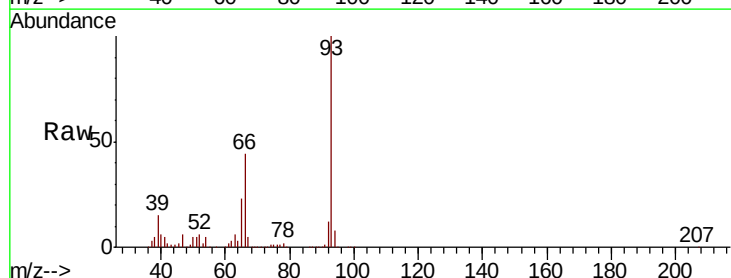
Tgt Ion: 93 Resp: 1256305

Ion Ratio Lower Upper

93 100

66 43.8 34.2 51.4

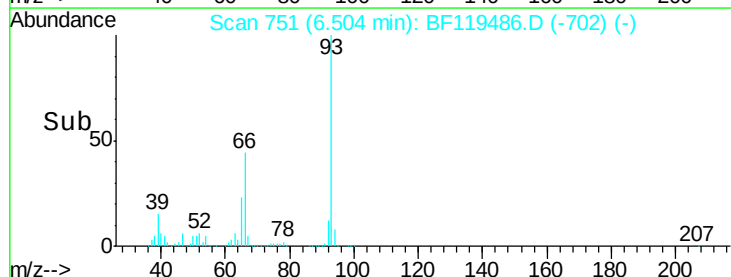
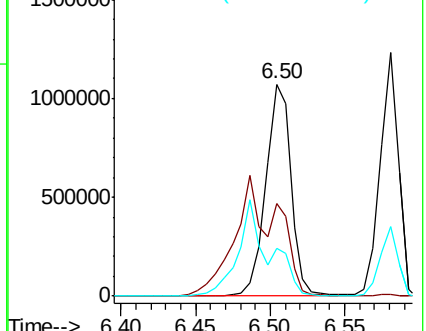
65 22.8 18.2 27.4

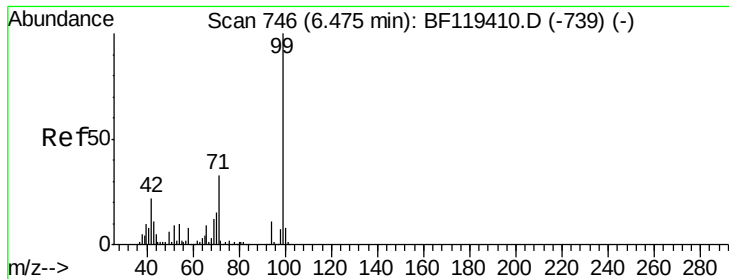


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 125.332 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

Instrument :

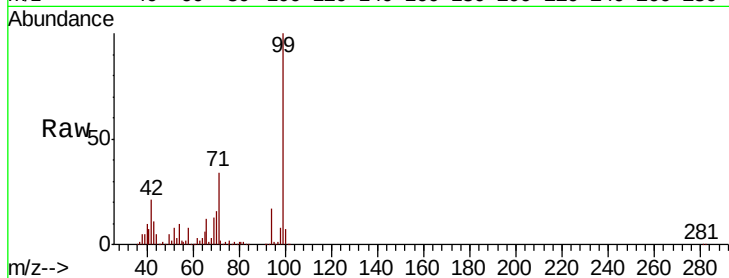
BNA_F

ClientSampleId :

PB127731BSD

Tot Ion: 99 Resp: 3371129

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.8	26.6
71	34.1	26.0	39.0

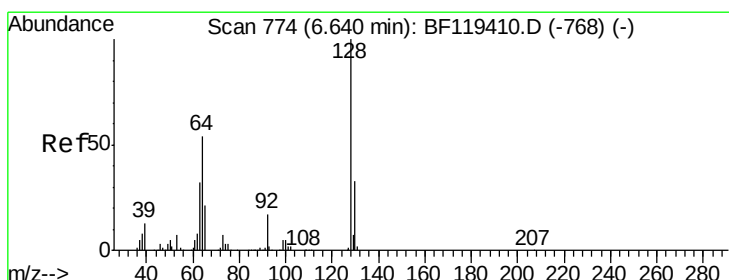
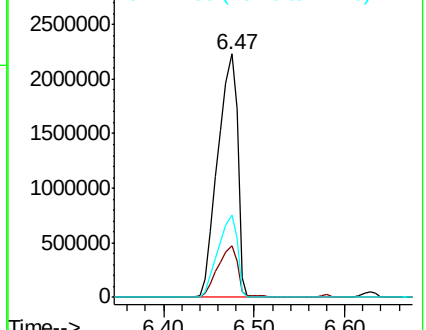
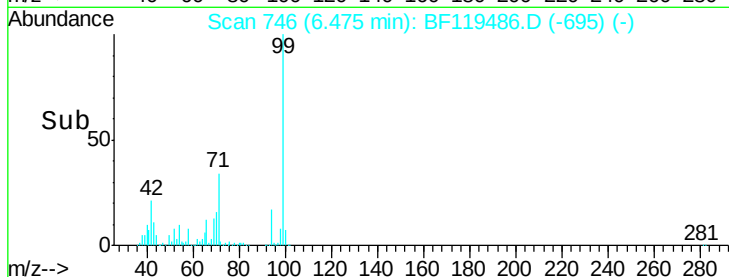


Abundance

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: 49.688 ng

RT: 6.63 min Scan# 772

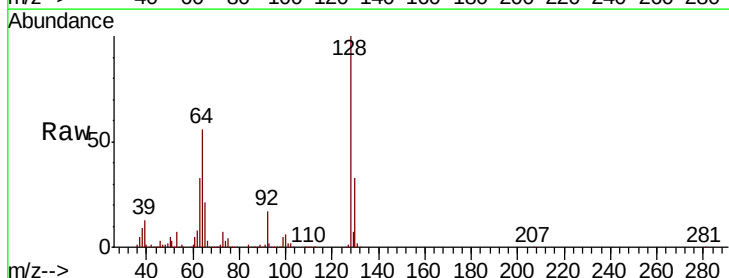
Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

Tgt Ion:128 Resp: 1098832

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.0	53.0
64	55.6	35.1	75.1

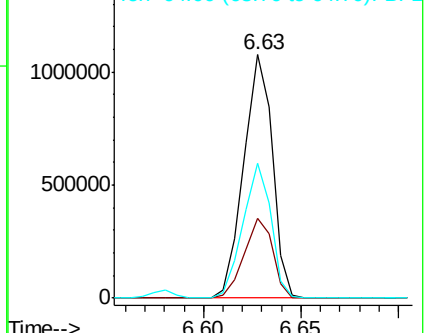
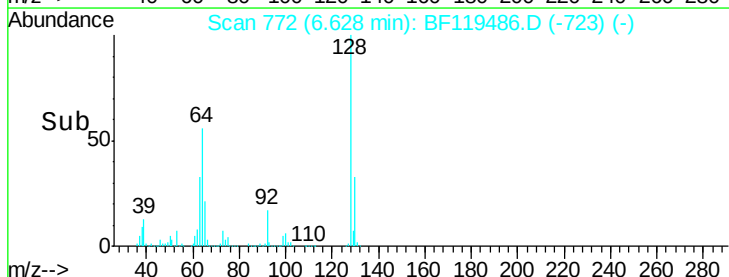


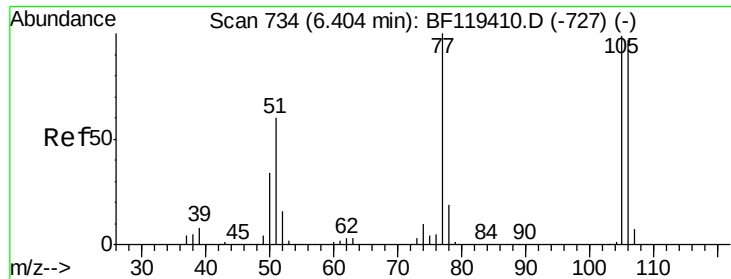
Abundance

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: 41.348 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

Instrument :

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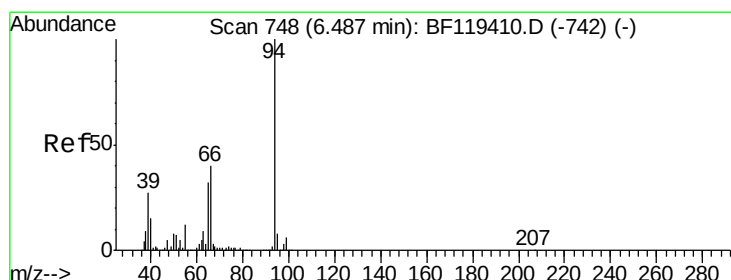
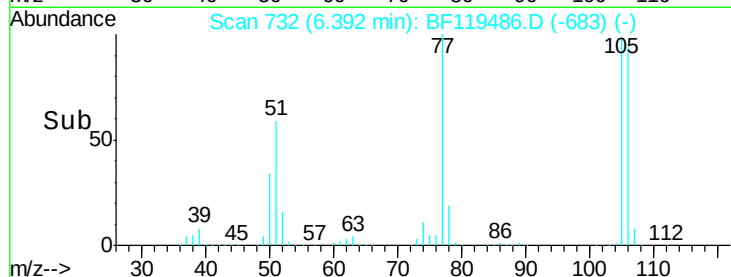
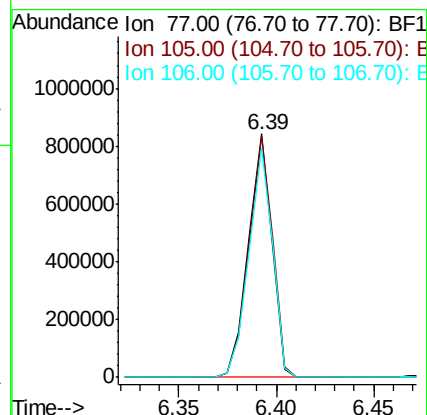
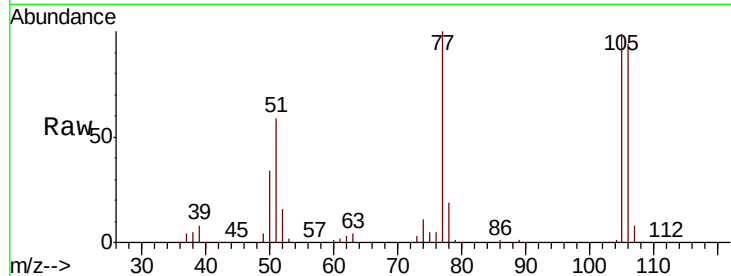
Tot Ion: 77 Resp: 705521

Ion Ratio Lower Upper

77 100

105 98.8 78.6 118.6

106 94.3 76.5 116.5



#10

Phenol

Concen: 47.436 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

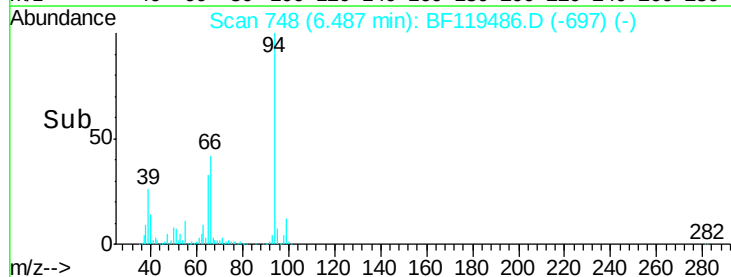
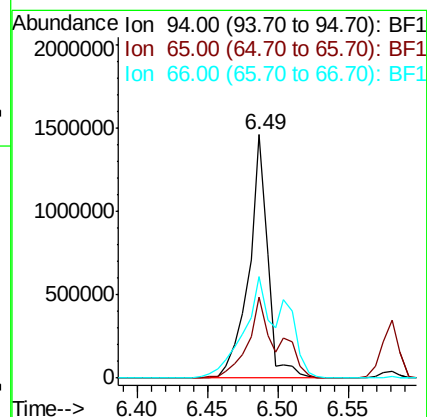
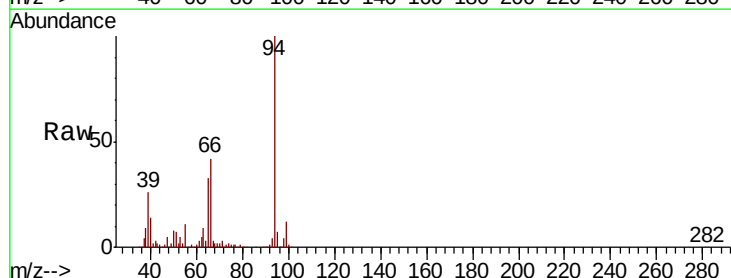
Tgt Ion: 94 Resp: 1361426

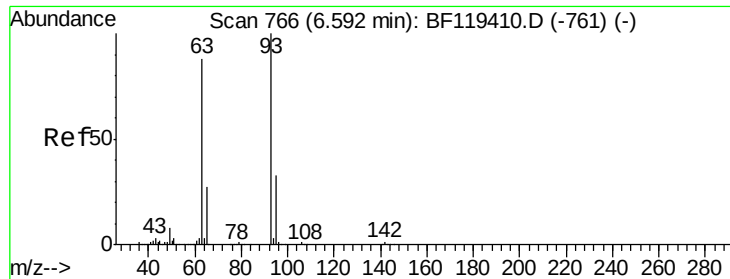
Ion Ratio Lower Upper

94 100

65 33.3 12.0 52.0

66 41.7 20.6 60.6

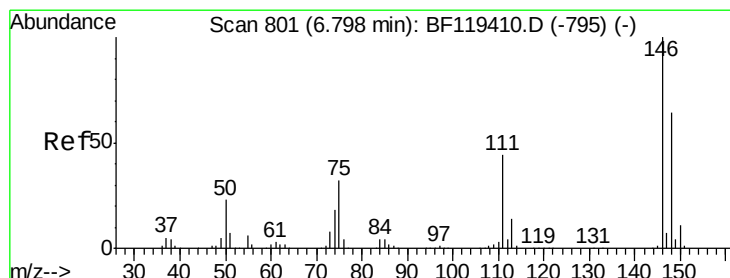
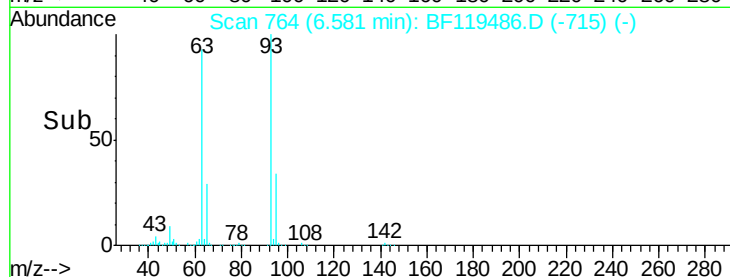
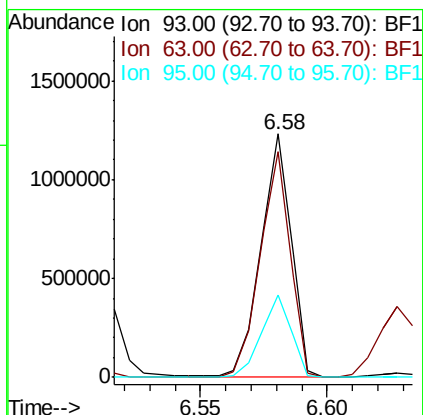
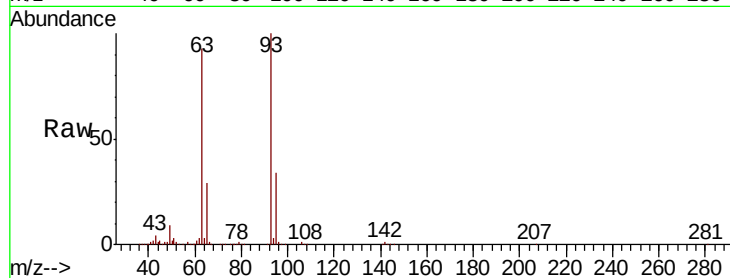




#11
bis(2-Chloroethyl)ether
Concen: 45.088 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

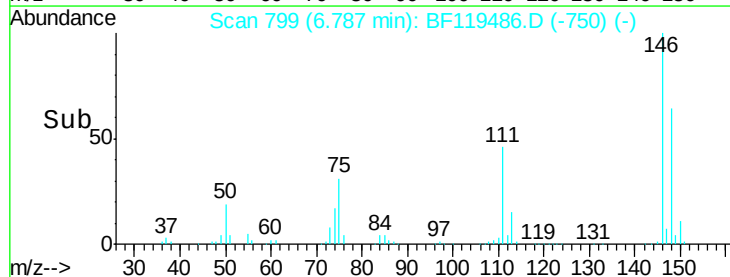
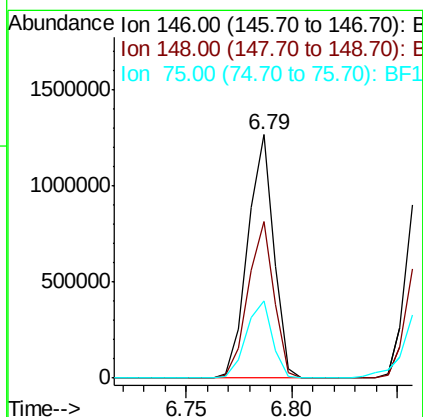
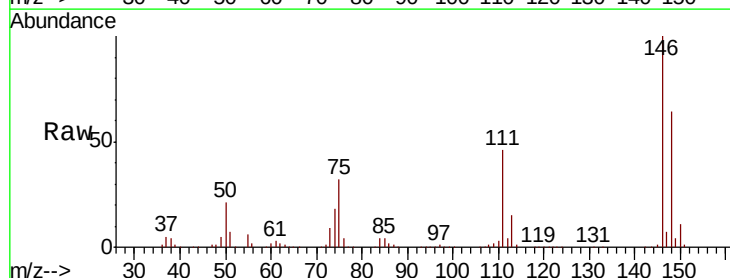
Instrument :
BNA_F
ClientSampleId :
PB127731BSD

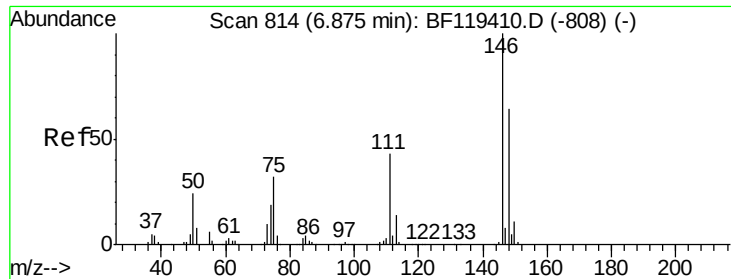
Tot Ion: 93 Resp: 1034956
Ion Ratio Lower Upper
93 100
63 92.7 68.4 108.4
95 33.8 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 45.265 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

Tgt Ion: 146 Resp: 1083413
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
75 31.6 25.8 38.8

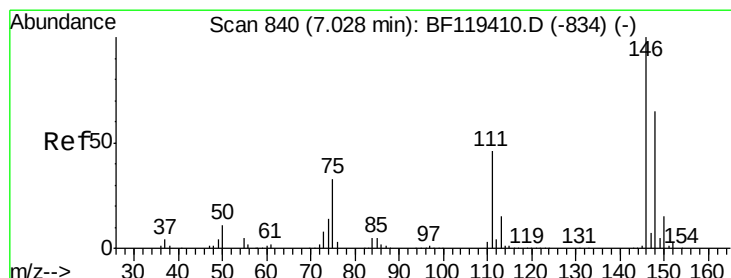
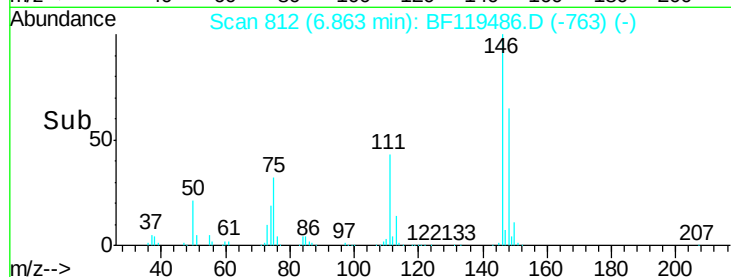
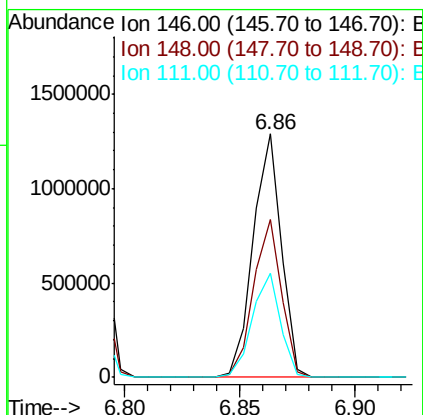
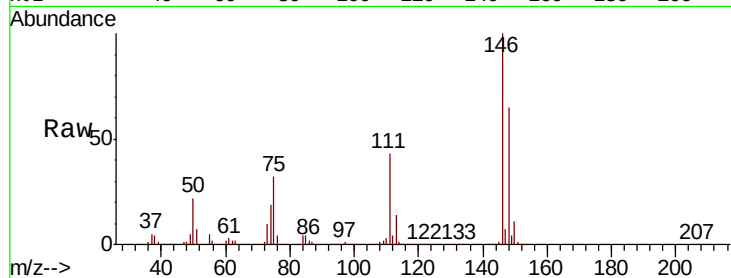




#13
 1,4-Dichlorobenzene
 Concen: 46.060 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

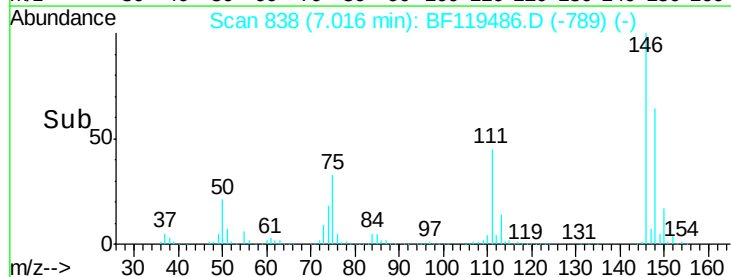
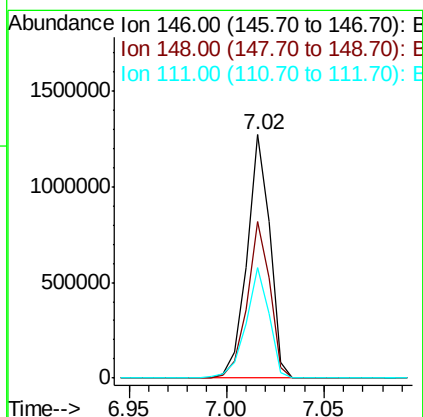
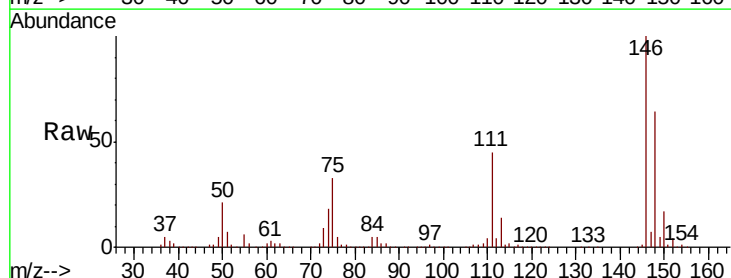
Instrument :
 BNA_F
 ClientSampleId :
 PB127731BSD

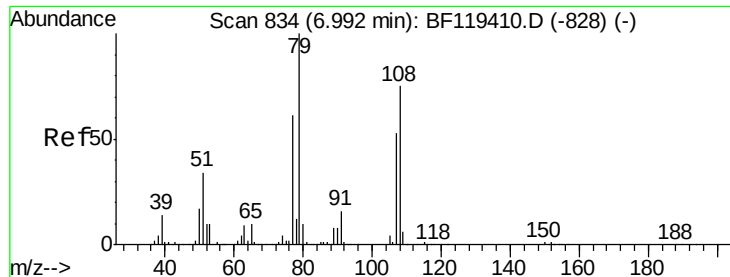
Tot Ion:146 Resp: 1102721
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.9 76.3
 111 43.0 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 45.942 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

Tgt Ion:146 Resp: 1028070
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.7 77.5
 111 45.3 36.4 54.6





#15

Benzyl Alcohol

Concen: 45.575 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

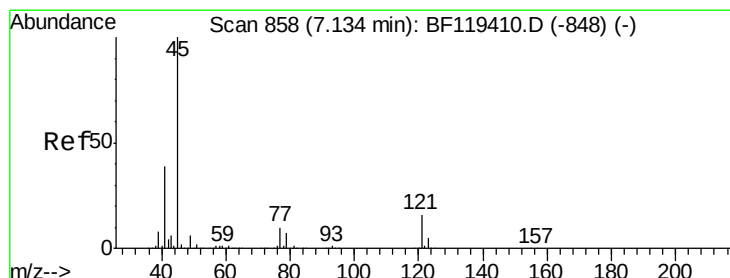
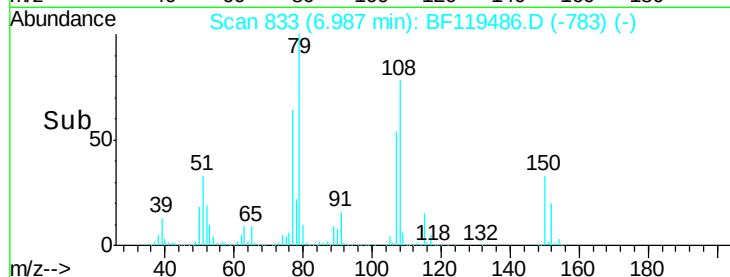
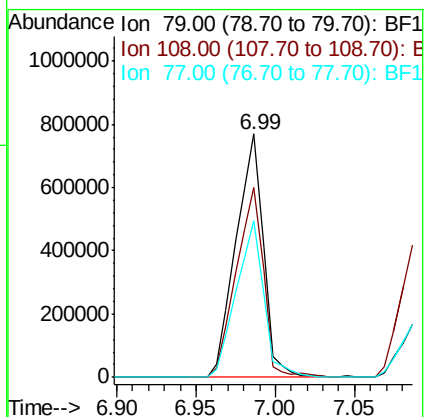
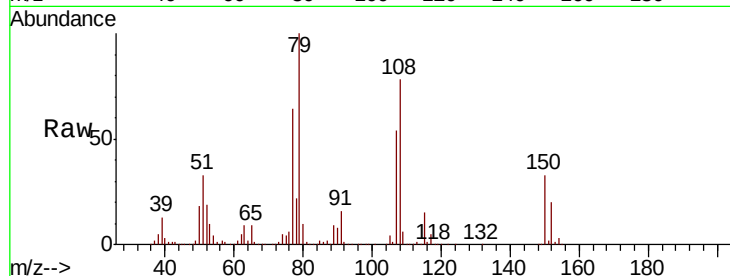
Tot Ion: 79 Resp: 922122

Ion Ratio Lower Upper

79 100

108 78.2 60.4 90.6

77 64.2 49.0 73.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.996 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

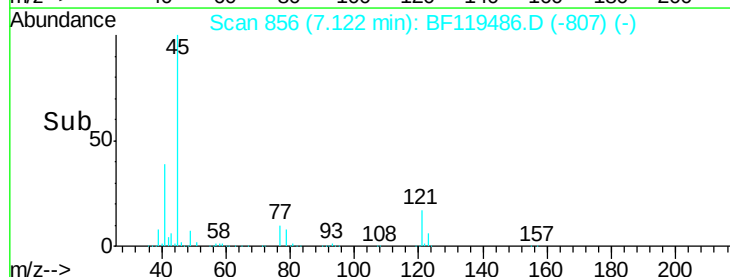
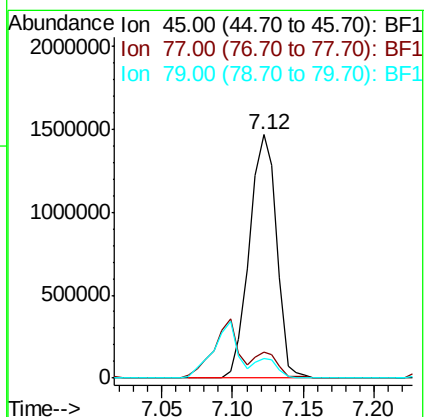
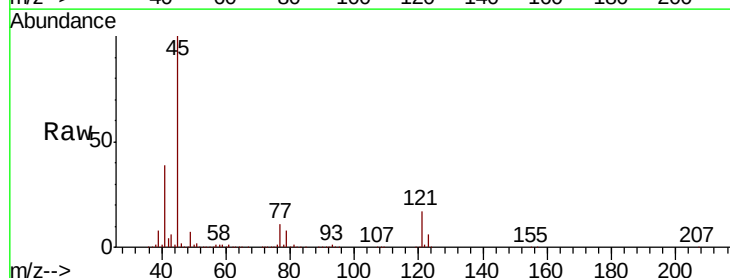
Tgt Ion: 45 Resp: 1990745

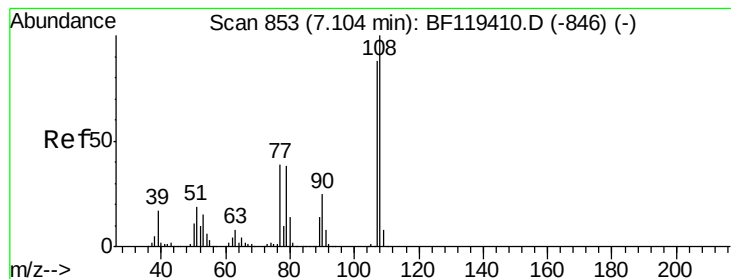
Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.1

79 8.1 0.0 27.4

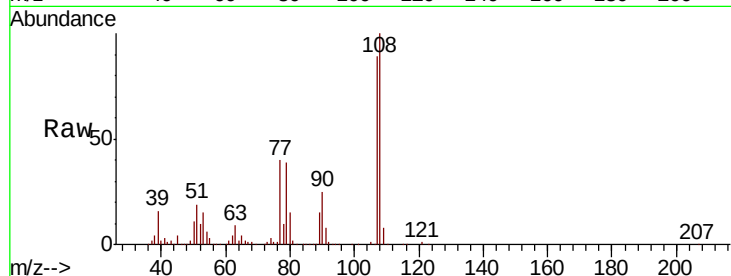




#17
2-Methylphenol
Concen: 43.560 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.7	136.1
77	45.4	35.6	53.4
79	43.9	34.7	52.1



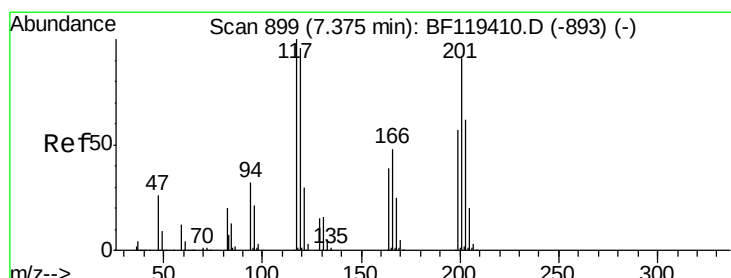
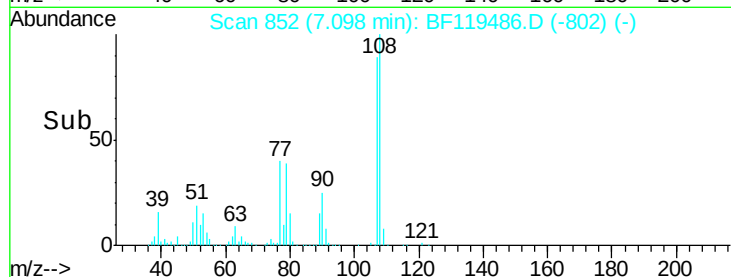
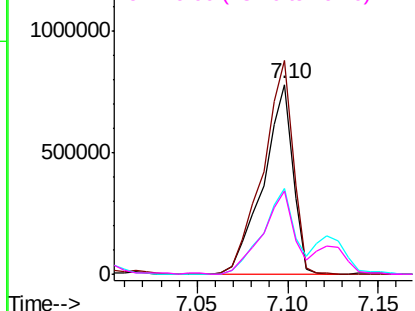
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

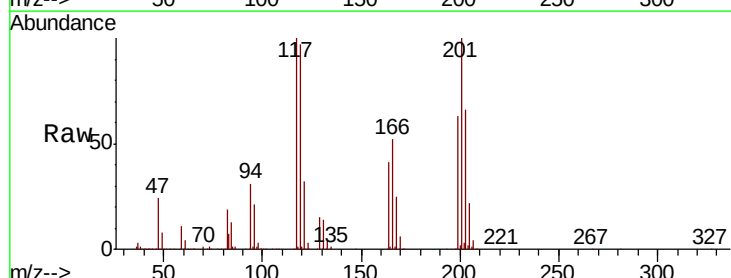
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 48.113 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.8	115.2
201	99.9	72.5	108.7

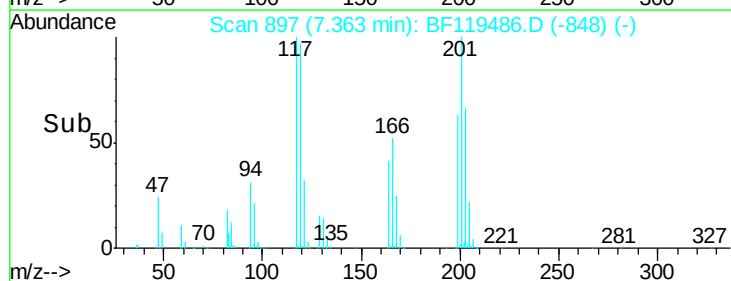
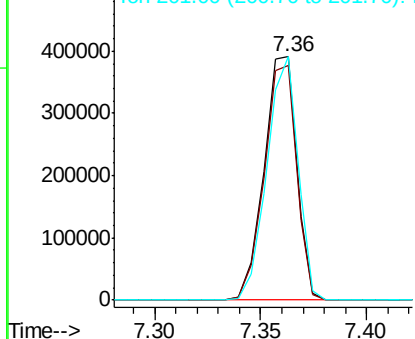


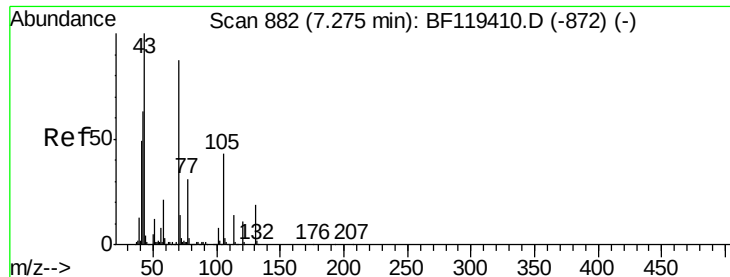
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

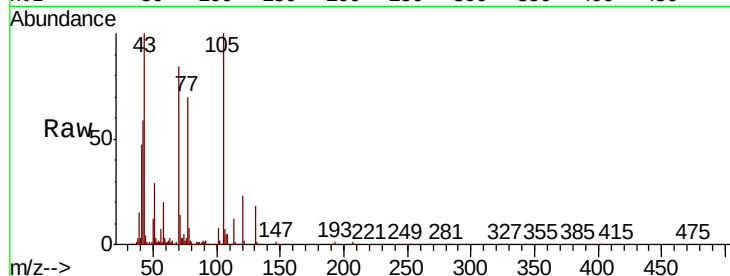




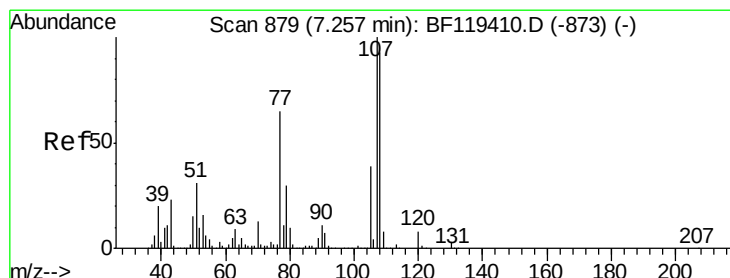
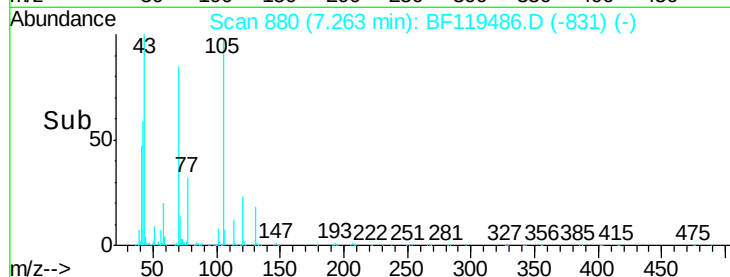
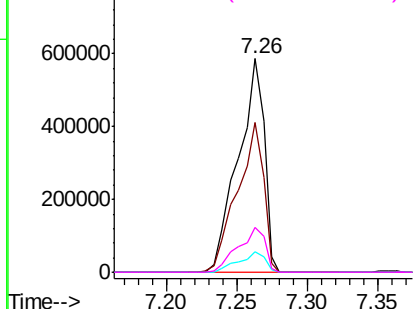
#19
n-Nitroso-di-n-propylamine
Concen: 46.818 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion:	70	Resp:	759037
Ion	Ratio	Lower	Upper
70	100		
42	70.1	58.2	87.4
101	9.3	7.4	11.2
130	21.3	17.8	26.8

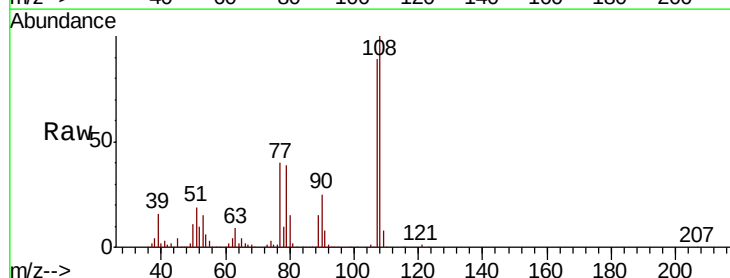


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

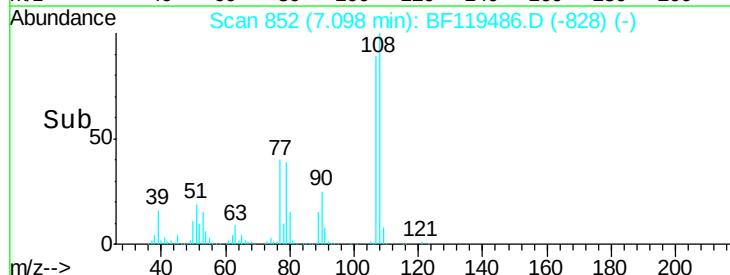
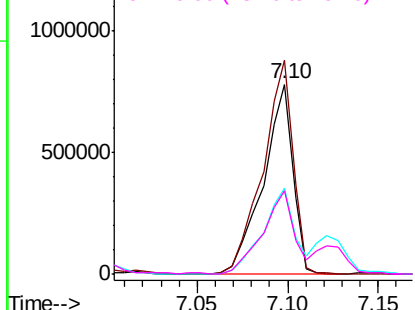


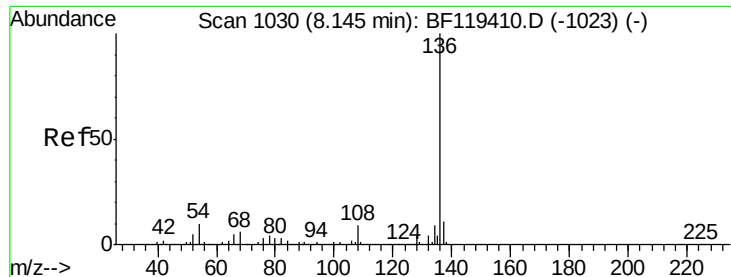
#20
3+4-Methylphenols
Concen: 35.495 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.16 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

Tgt Ion:	107	Resp:	881419
Ion	Ratio	Lower	Upper
107	100		
108	112.6	72.6	112.6
77	45.4	44.7	84.7
79	43.9	10.2	50.2



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: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

Tot Ion:136 Resp: 1307075

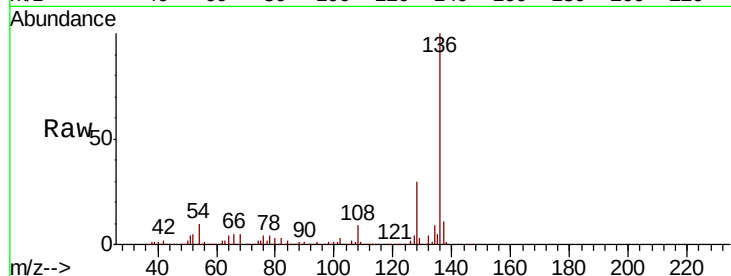
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 9.6 8.3 12.5

68 5.5 4.9 7.3

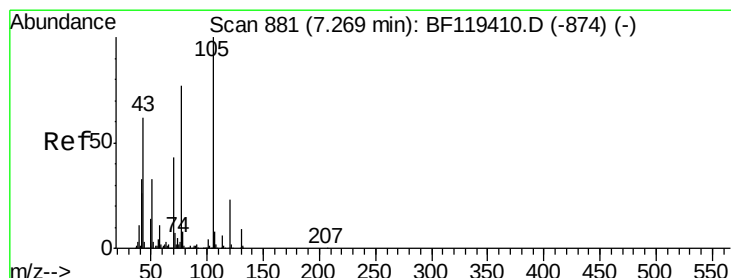
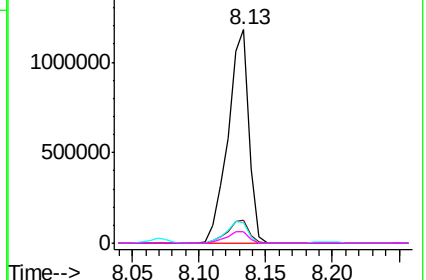
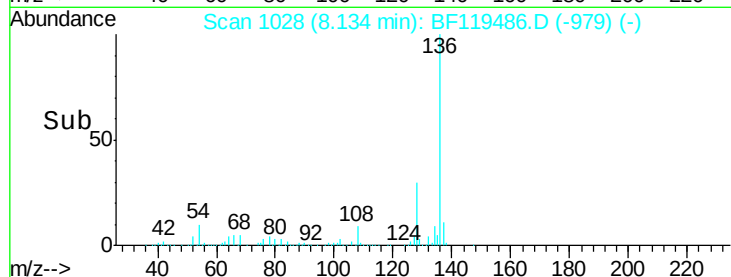


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.335 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

Tgt Ion:105 Resp: 1415923

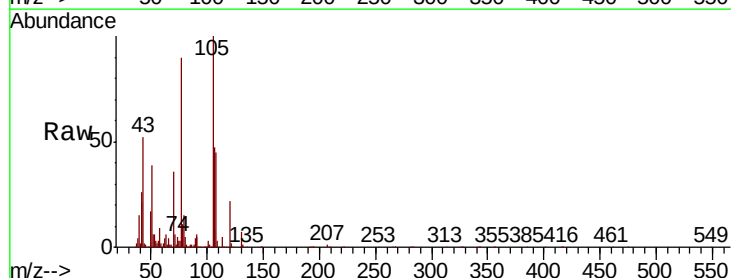
Ion Ratio Lower Upper

105 100

71 5.9 5.8 8.6

51 38.5 26.8 40.2

120 22.5 18.0 27.0

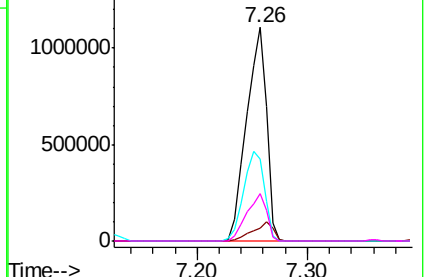
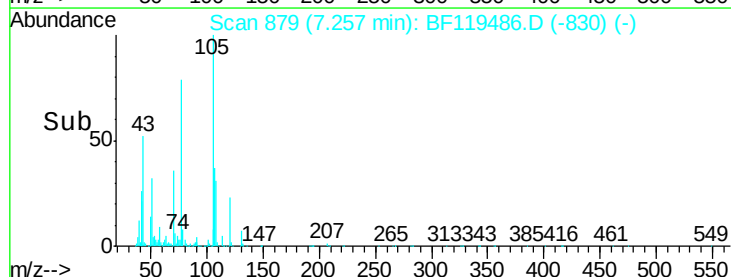


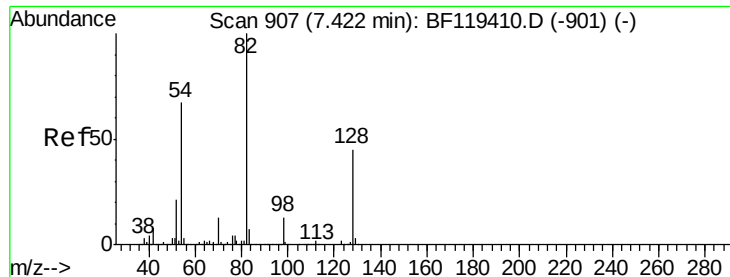
Abundance Ion 105.00 (104.70 to 105.70): E

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



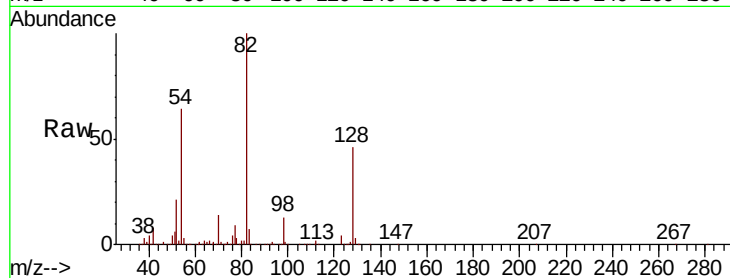


#23
 Nitrobenzene-d5
 Concen: 87.960 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

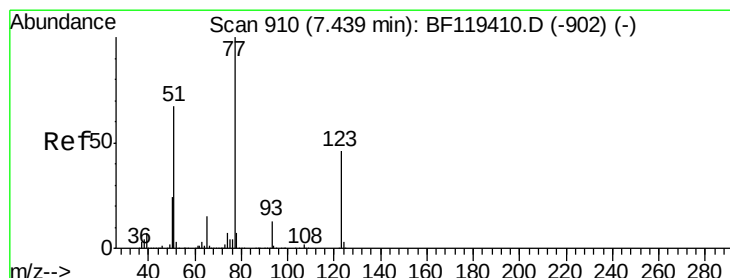
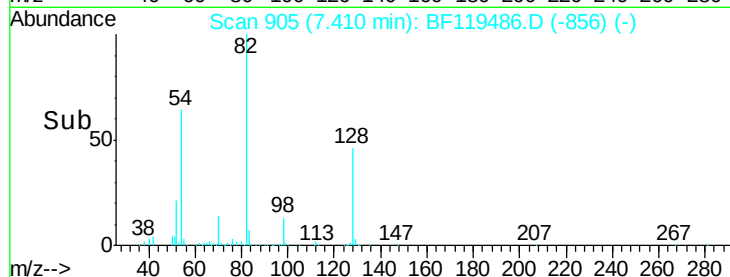
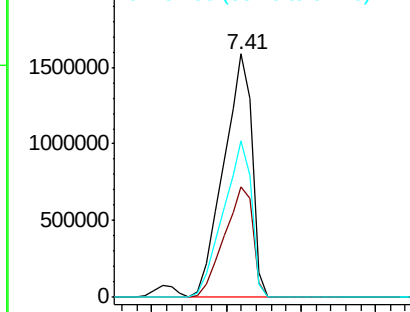
Instrument :
 BNA_F
 ClientSampleId :
 PB127731BSD

Tot Ion: 82 Resp: 2115457

Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.8	53.8
54	64.2	53.4	80.0



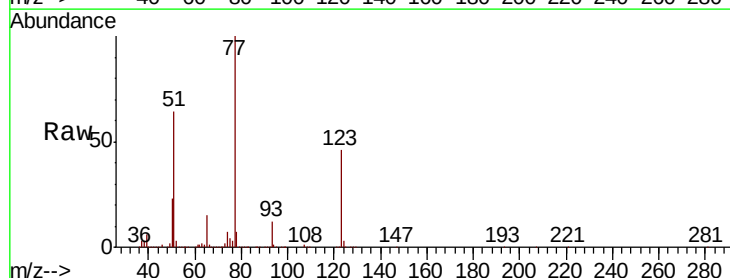
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



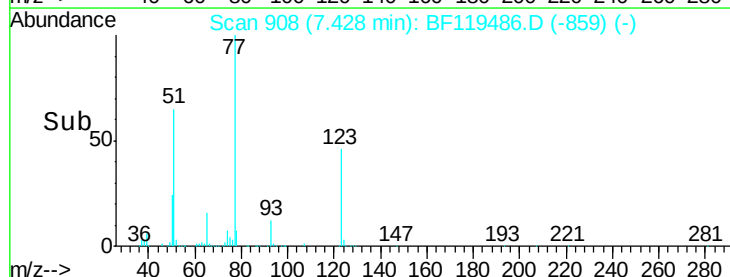
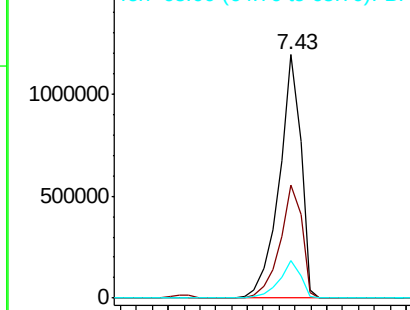
#24
 Nitrobenzene
 Concen: 44.016 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

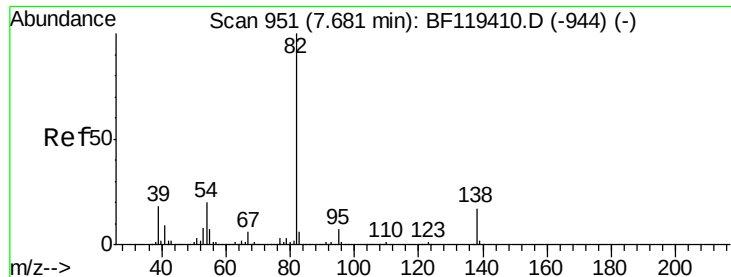
Tgt Ion: 77 Resp: 1131318

Ion	Ratio	Lower	Upper
77	100		
123	46.3	36.9	55.3
65	15.4	12.2	18.4



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





#25

Isophorone

Concen: 43.869 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

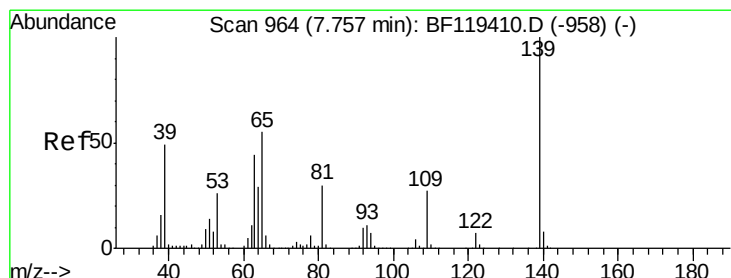
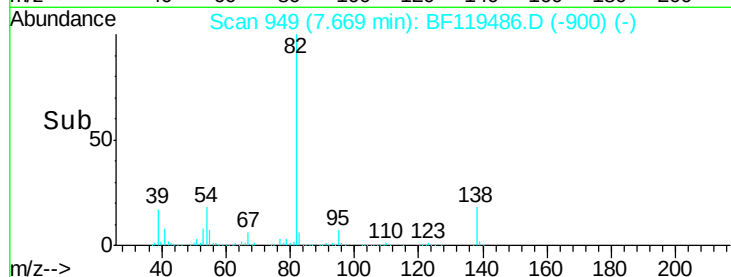
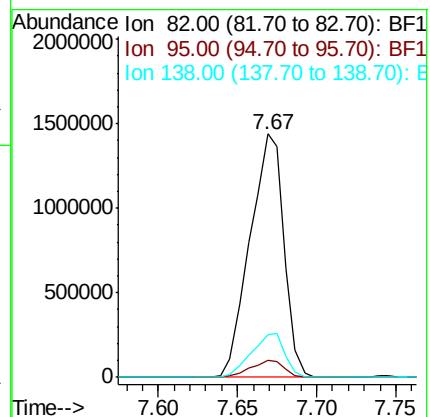
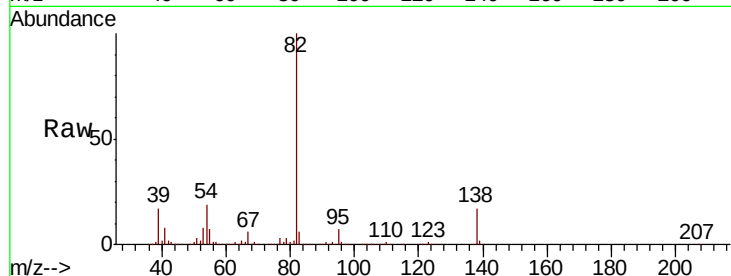
Tot Ion: 82 Resp: 2140192

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 17.3 13.8 20.8



#26

2-Nitrophenol

Concen: 54.645 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

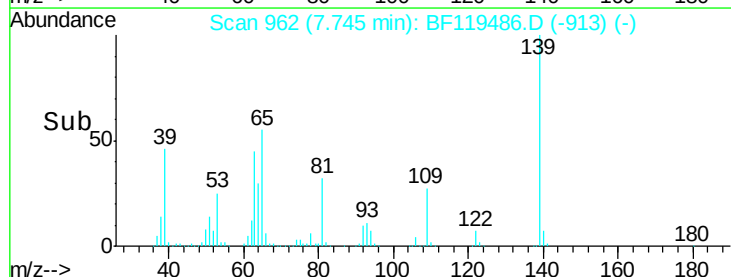
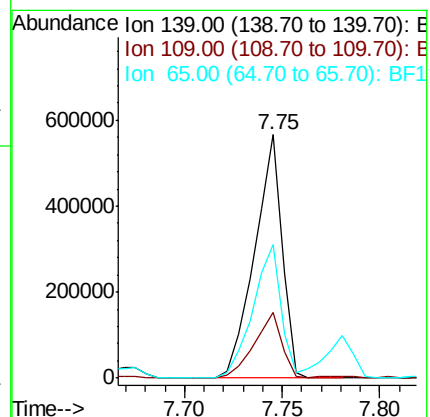
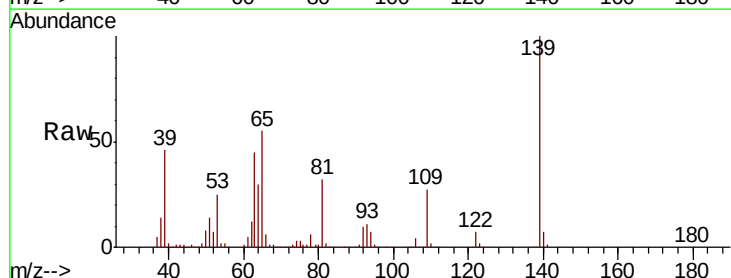
Tgt Ion: 139 Resp: 553002

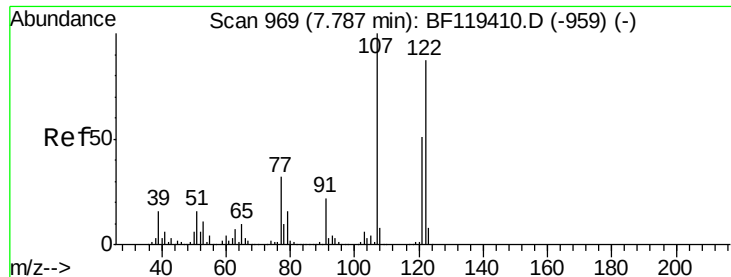
Ion Ratio Lower Upper

139 100

109 26.9 21.7 32.5

65 55.0 43.9 65.9

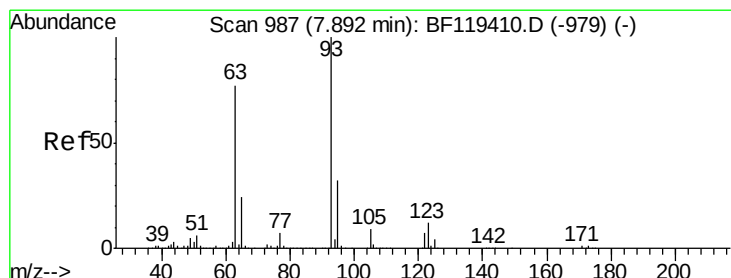
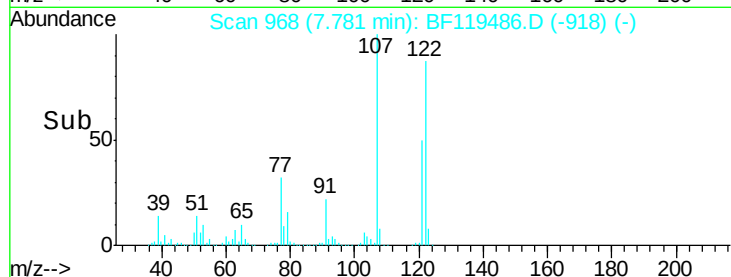
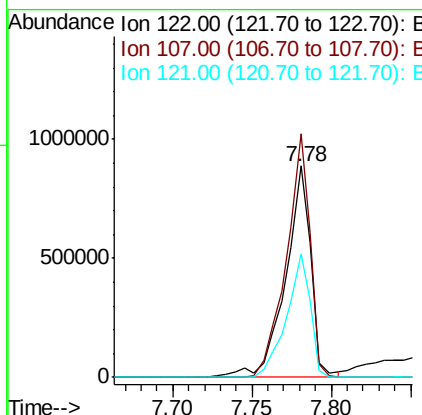
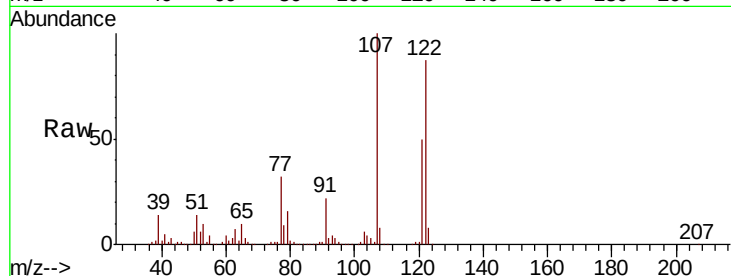




#27
2,4-Dimethylphenol
Concen: 46.851 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

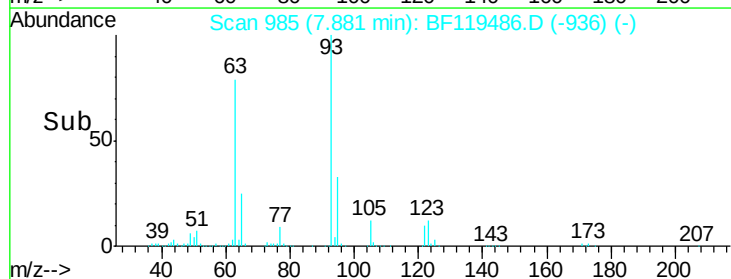
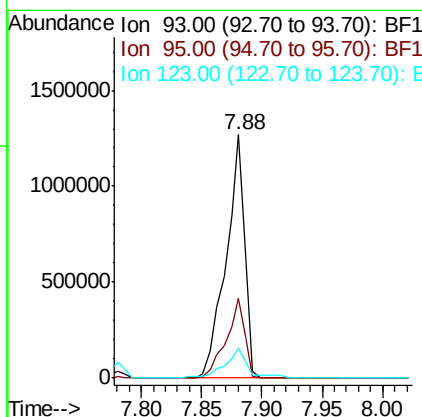
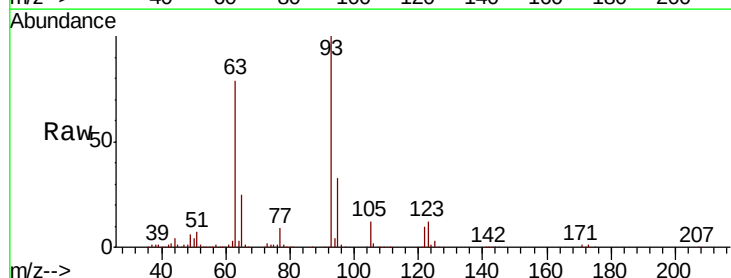
Instrument :
BNA_F
ClientSampleId :
PB127731BSD

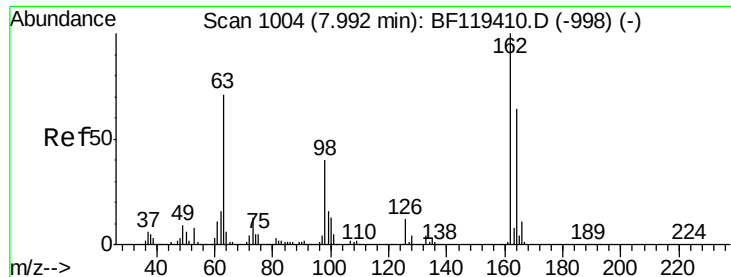
Tot Ion:122 Resp: 980377
Ion Ratio Lower Upper
122 100
107 115.2 91.8 137.6
121 58.1 46.5 69.7



#28
bis(2-Chloroethoxy)methane
Concen: 46.791 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

Tgt Ion: 93 Resp: 1349882
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 12.2 9.7 14.5

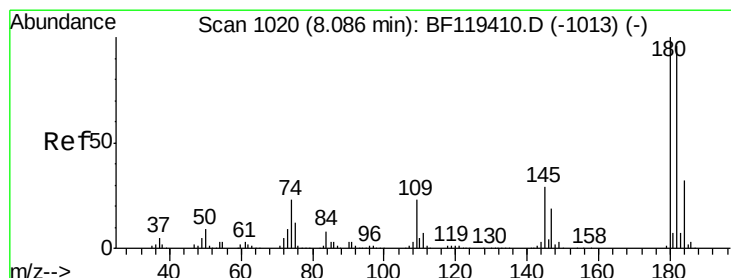
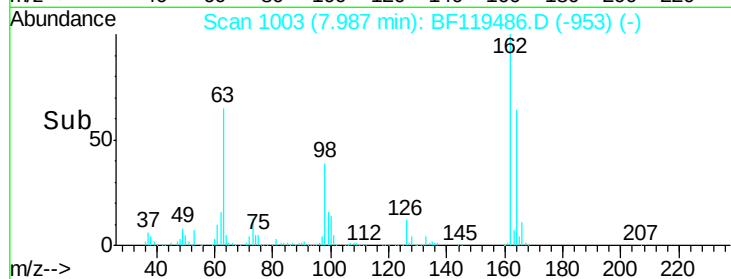
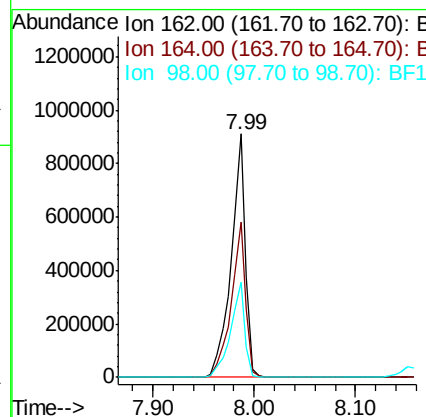
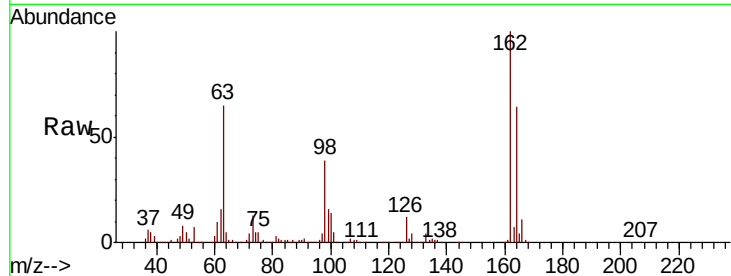




#29
2,4-Dichlorophenol
Concen: 46.395 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

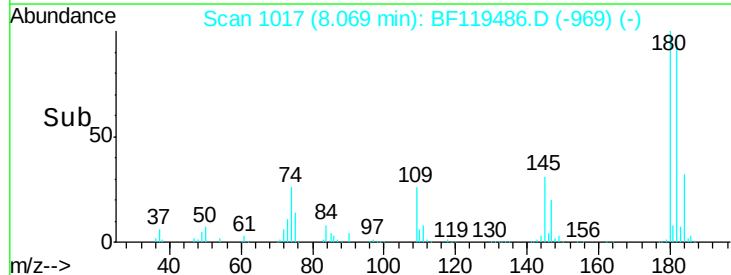
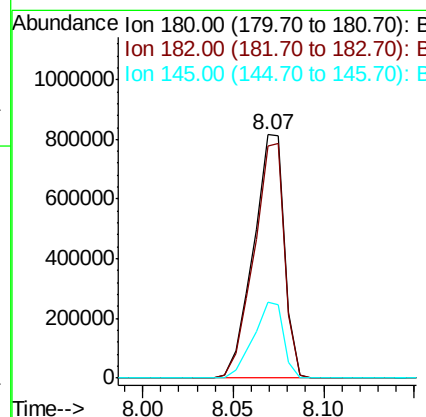
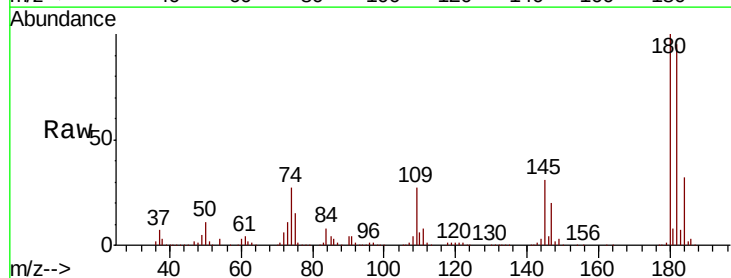
Instrument :
BNA_F
ClientSampleId :
PB127731BSD

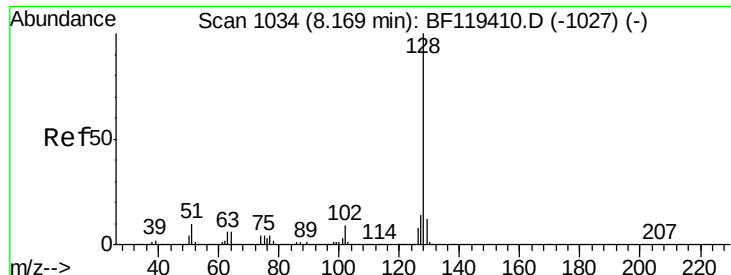
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.6	83.6
98	39.0	20.4	60.4



#30
1,2,4-Trichlorobenzene
Concen: 45.588 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.6	115.0
145	31.4	23.2	34.8

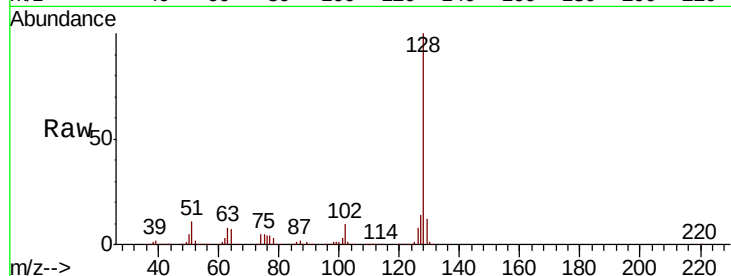




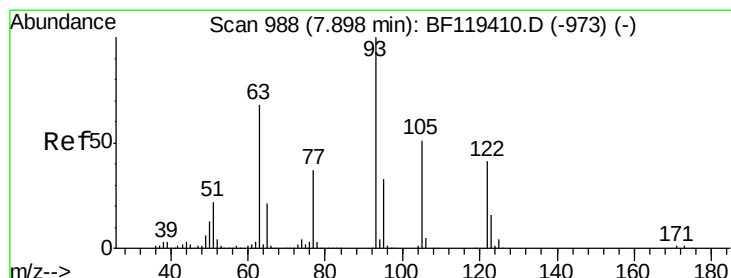
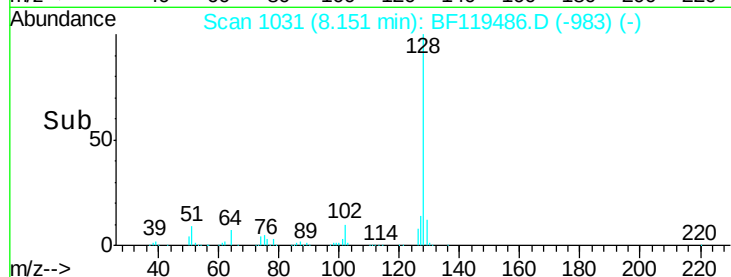
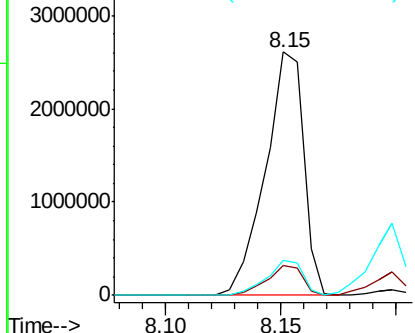
#31
Naphthalene
Concen: 44.681 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion:128 Resp: 3005410
Ion Ratio Lower Upper
128 100
129 12.3 9.3 13.9
127 14.3 11.0 16.4

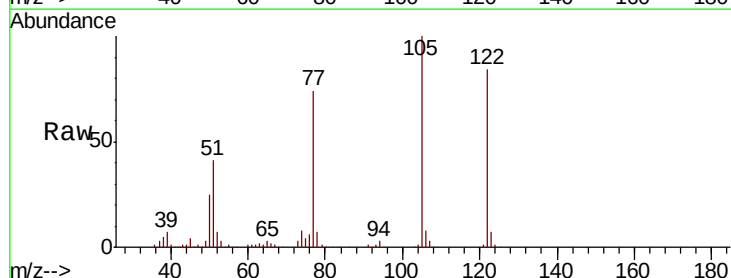


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

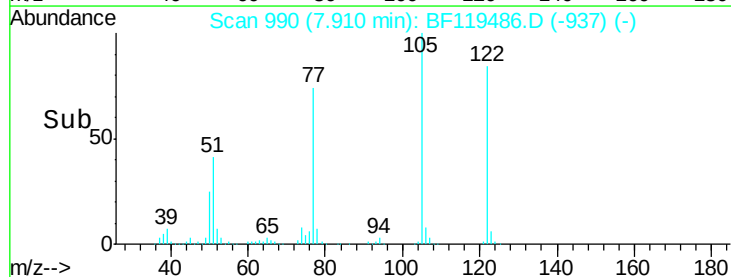
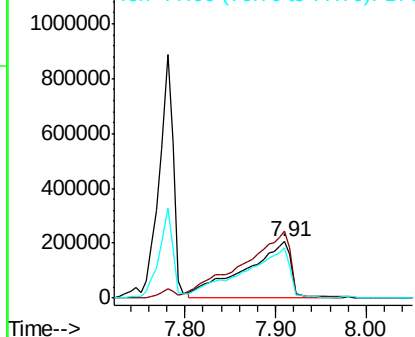


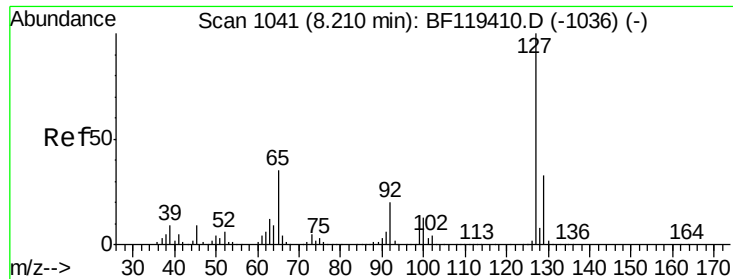
#32
Benzoic acid
Concen: 53.625 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

Tgt Ion:122 Resp: 721811
Ion Ratio Lower Upper
122 100
105 119.3 102.9 142.9
77 88.6 70.1 110.1



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

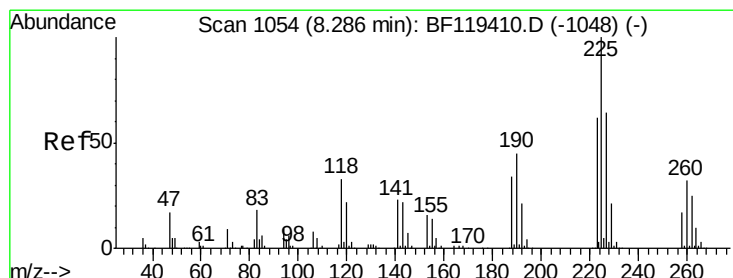
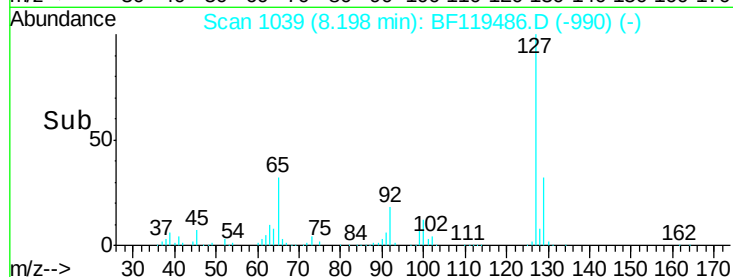
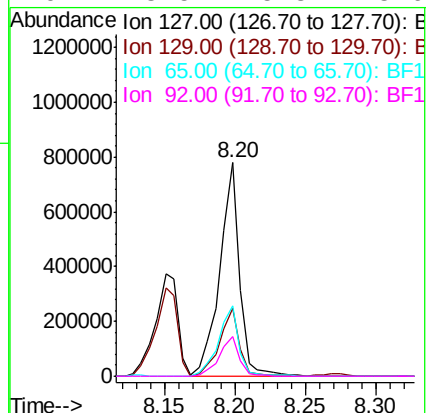
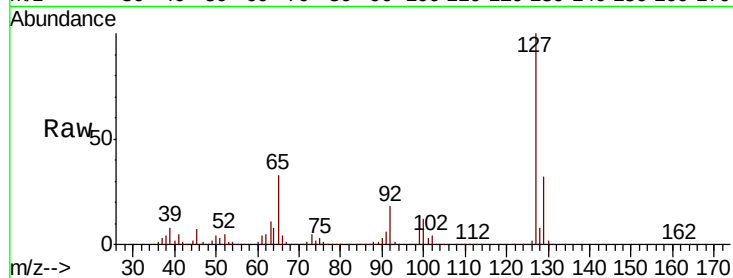




#33
 4-Chloroaniline
 Concen: 24.569 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

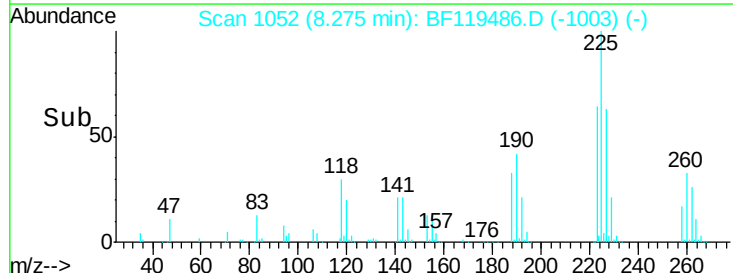
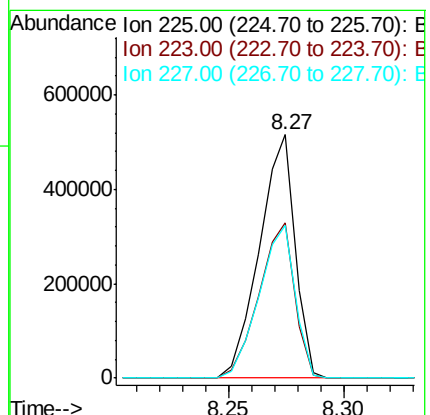
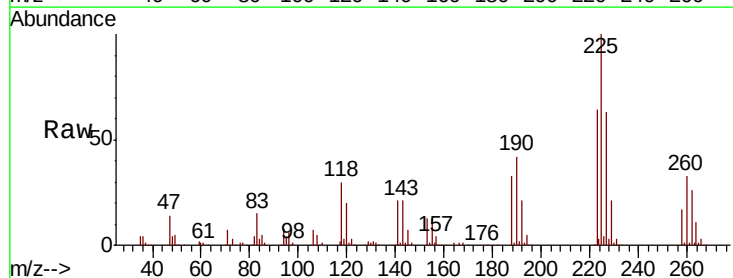
Instrument :
 BNA_F
 ClientSampleId :
 PB127731BSD

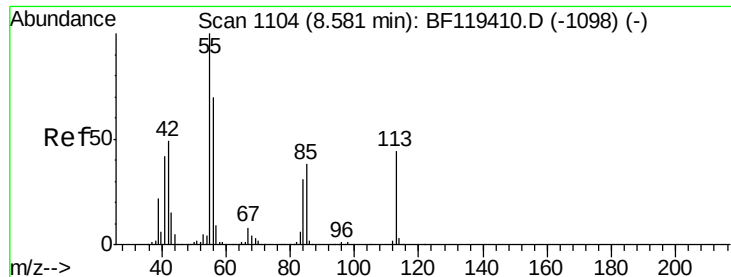
Tot Ion:	127	Resp:	757250
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.4
65	33.3	27.7	41.5
92	18.5	15.8	23.6



#34
 Hexachlorobutadiene
 Concen: 46.520 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

Tgt Ion:	225	Resp:	553453
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.2	73.8
227	62.9	51.1	76.7

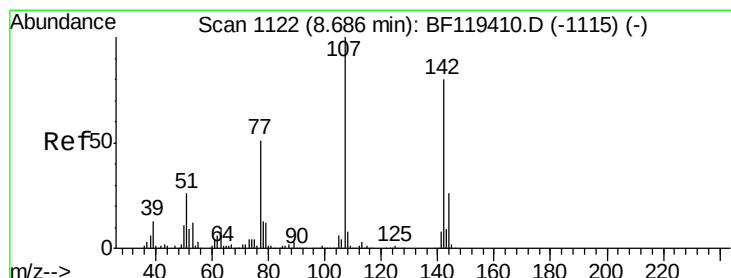
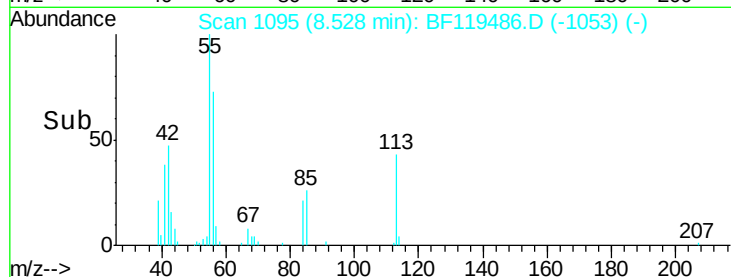
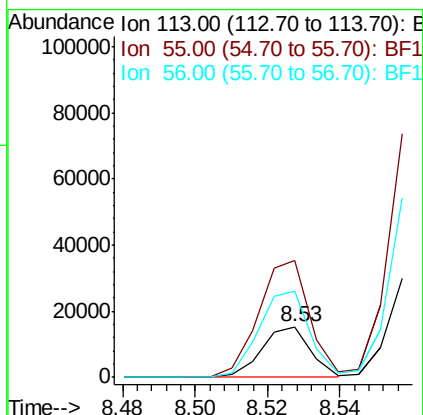
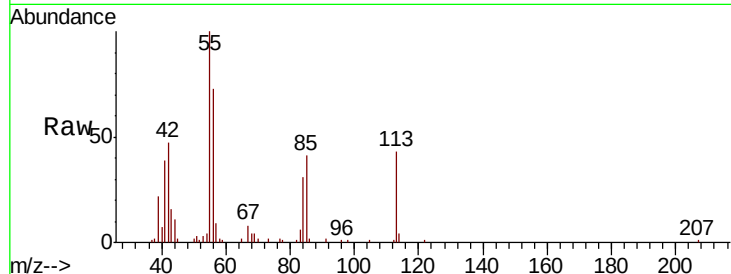




#35
Caprolactam
Concen: 2.267 ng
RT: 8.53 min Scan# 1095
Delta R.T. -0.05 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

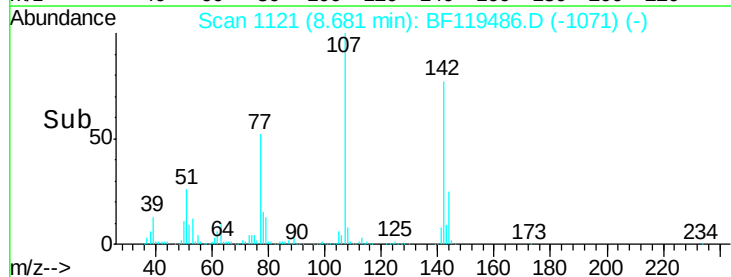
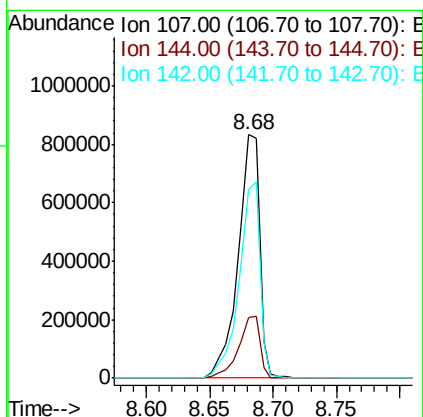
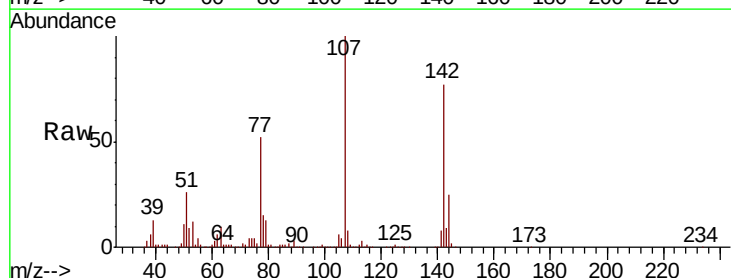
Instrument :
BNA_F
ClientSampleId :
PB127731BSD

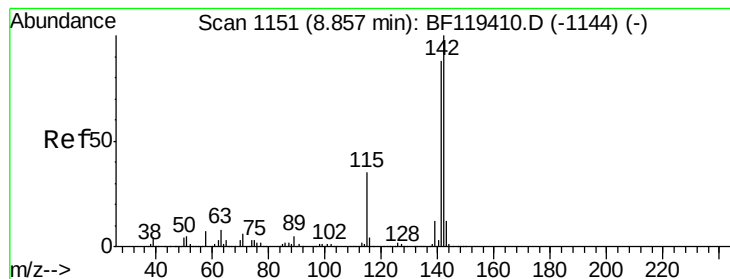
Tot Ion:113 Resp: 14266
Ion Ratio Lower Upper
113 100
55 232.8 208.4 248.4
56 170.6 138.9 178.9



#36
4-Chloro-3-methylphenol
Concen: 46.457 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

Tgt Ion:107 Resp: 976270
Ion Ratio Lower Upper
107 100
144 25.0 20.6 31.0
142 77.4 63.8 95.6





#37

2-Methylnaphthalene

Concen: 47.286 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

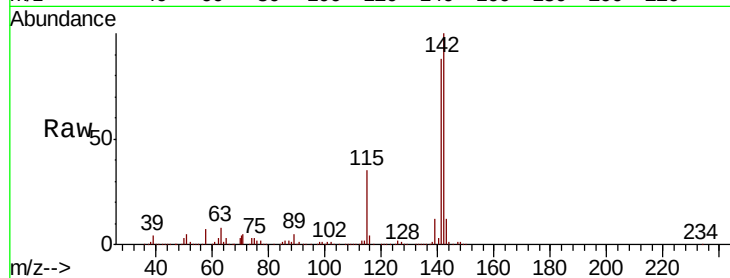
Tot Ion:142 Resp: 2087419

Ion Ratio Lower Upper

142 100

141 88.3 70.4 105.6

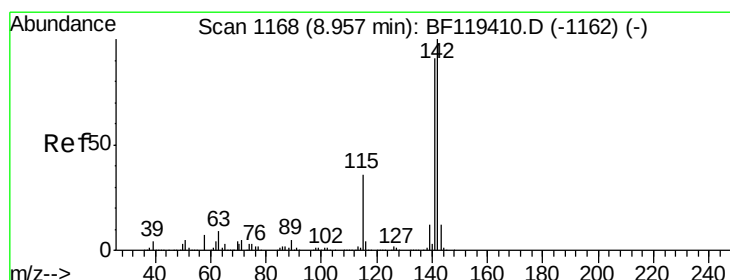
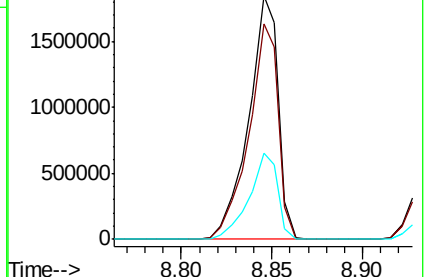
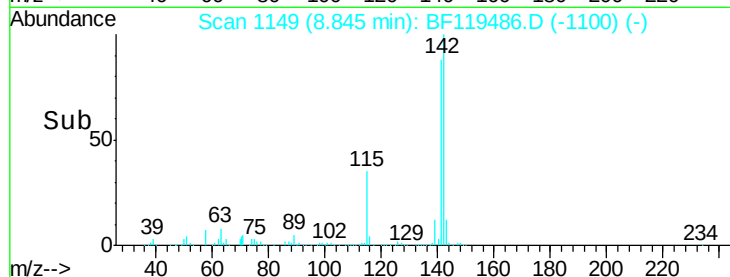
115 35.2 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.136 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

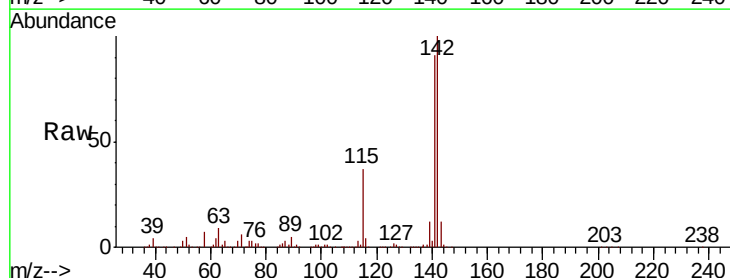
Tgt Ion:142 Resp: 1969505

Ion Ratio Lower Upper

142 100

141 91.1 73.1 109.7

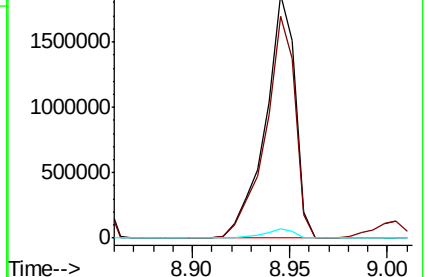
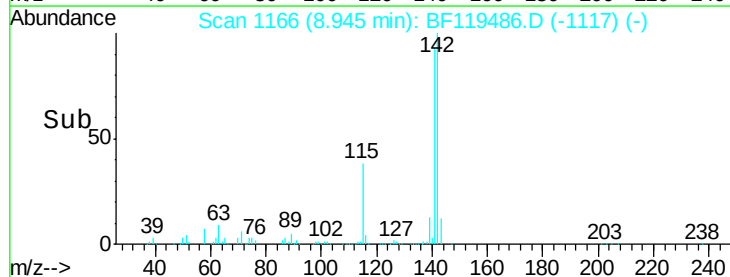
116 3.8 3.0 4.6

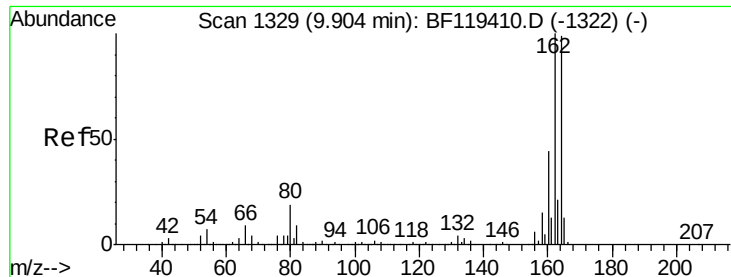


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

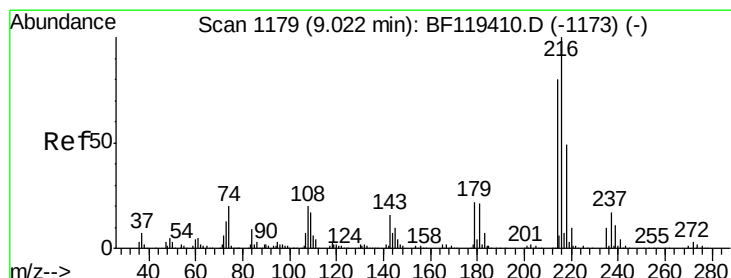
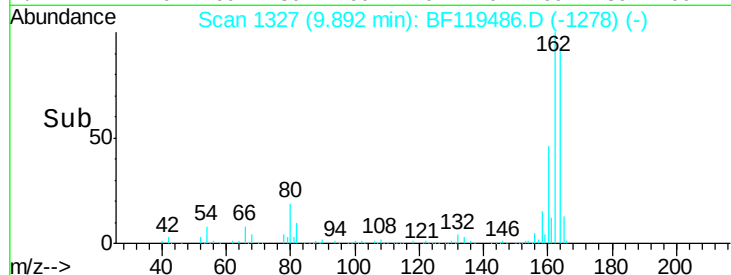
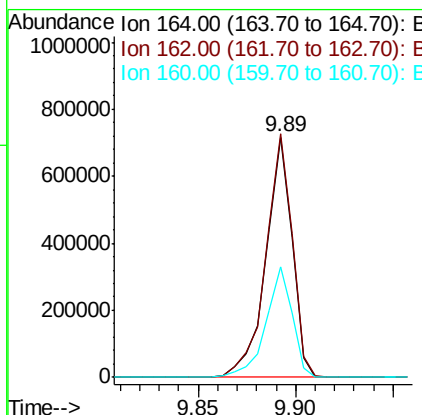
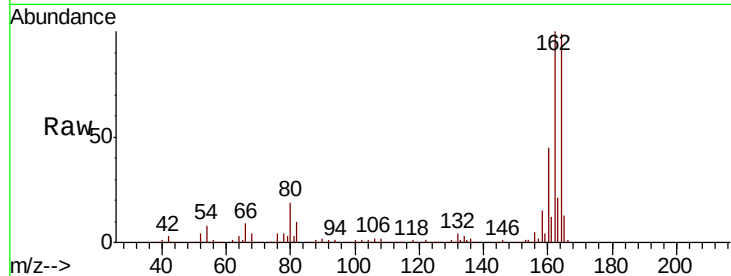




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

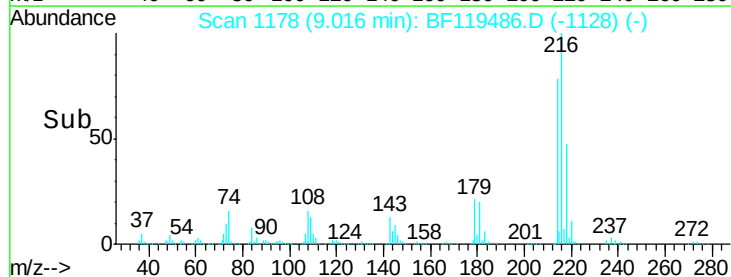
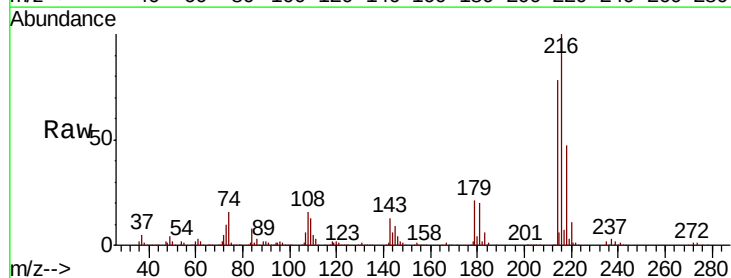
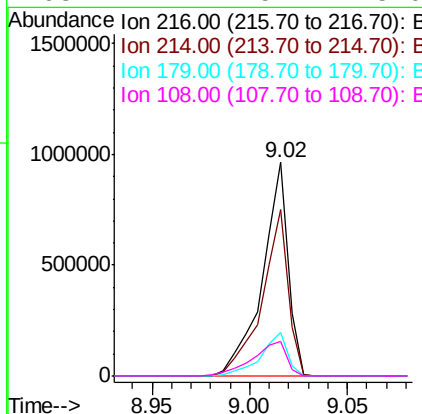
Instrument :
 BNA_F
 ClientSampleId :
 PB127731BSD

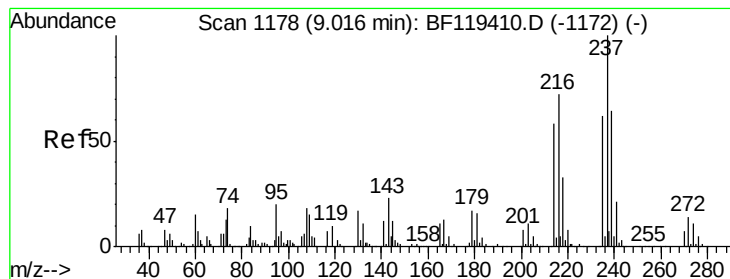
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.7	121.1
160	46.1	35.5	53.3



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.123 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.6
179	20.8	17.0	25.4
108	21.2	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 101.584 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

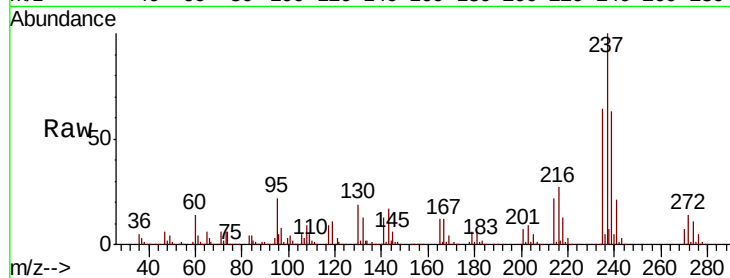
Tot Ion:237 Resp: 1134543

Ion Ratio Lower Upper

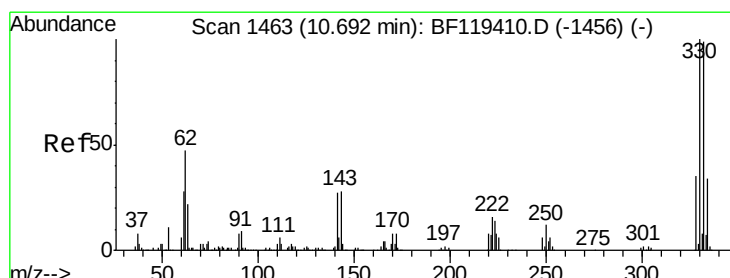
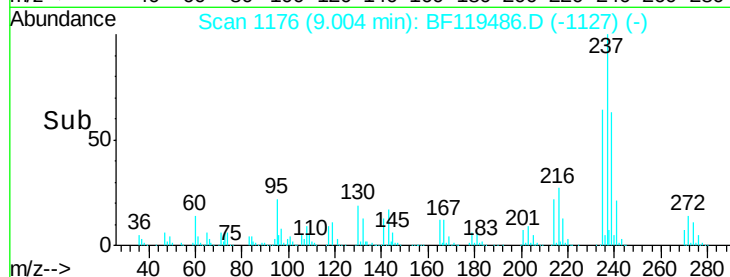
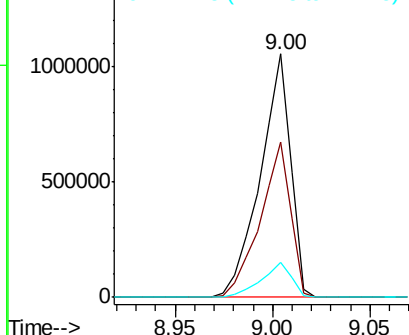
237 100

235 63.6 42.5 82.5

272 14.2 0.0 34.3



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: 140.567 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

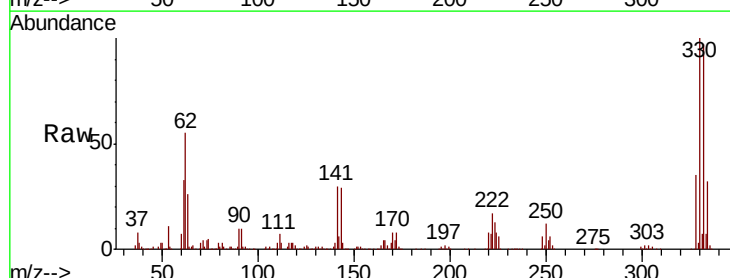
Tgt Ion:330 Resp: 971964

Ion Ratio Lower Upper

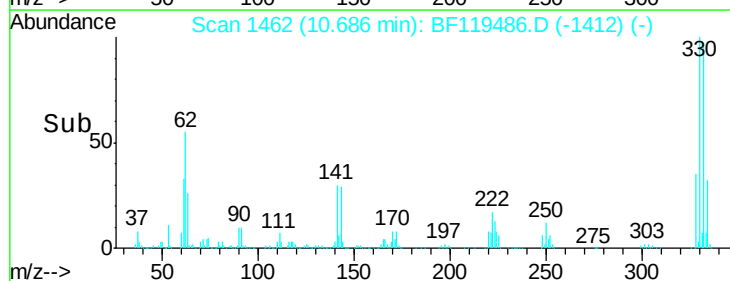
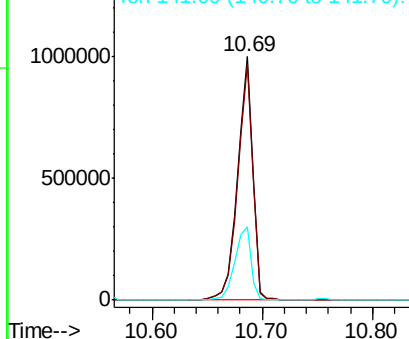
330 100

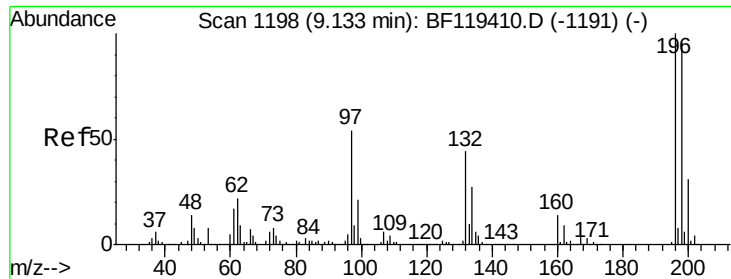
332 96.5 77.6 116.4

141 32.1 26.6 40.0



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

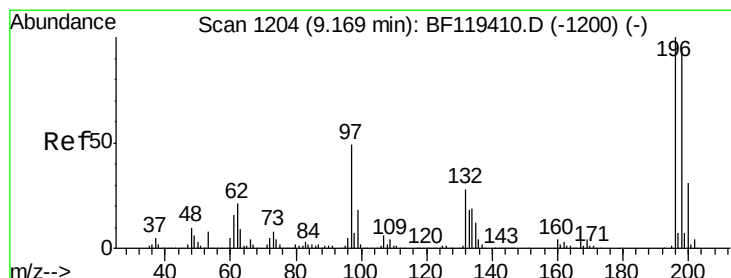
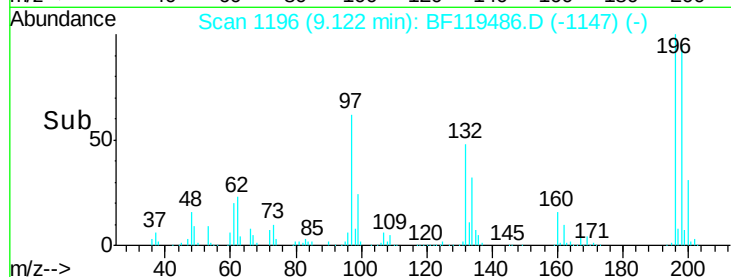
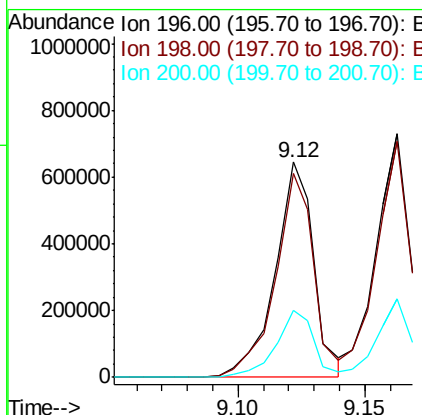
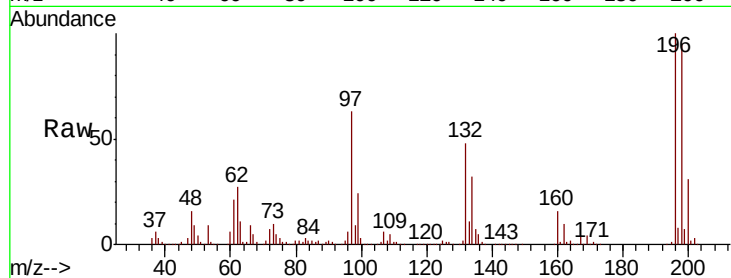




#43
 2,4,6-Trichlorophenol
 Concen: 48.816 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

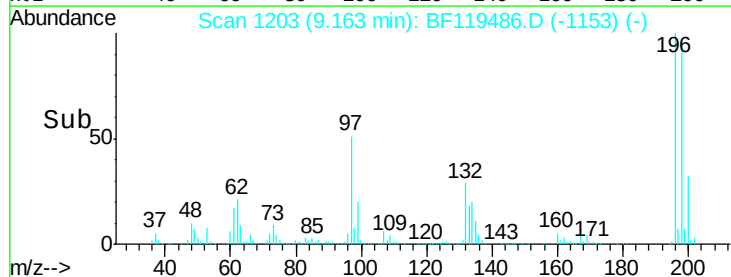
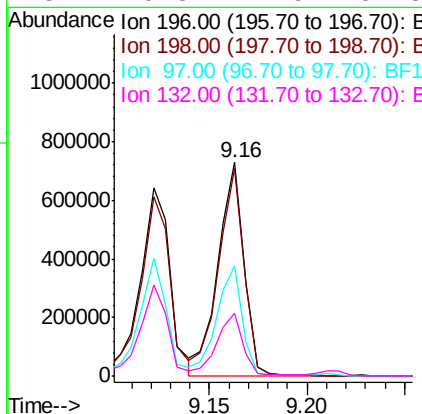
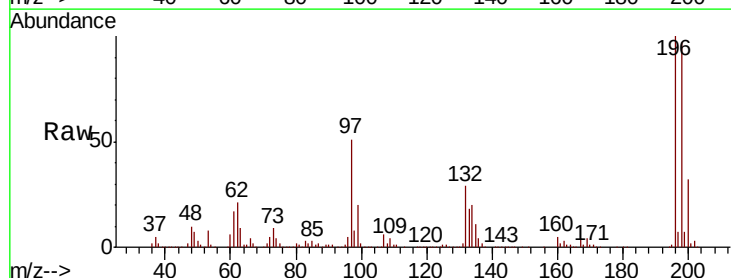
Instrument :
 BNA_F
 ClientSampleId :
 PB127731BSD

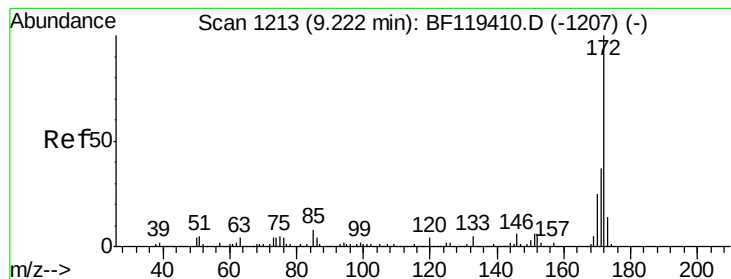
Tot Ion:196 Resp: 686285
 Ion Ratio Lower Upper
 196 100
 198 94.6 77.0 115.4
 200 31.2 25.1 37.7



#44
 2,4,5-Trichlorophenol
 Concen: 42.563 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

Tgt Ion:196 Resp: 670321
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.3 112.9
 97 51.3 39.0 58.4
 132 29.3 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 86.270 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

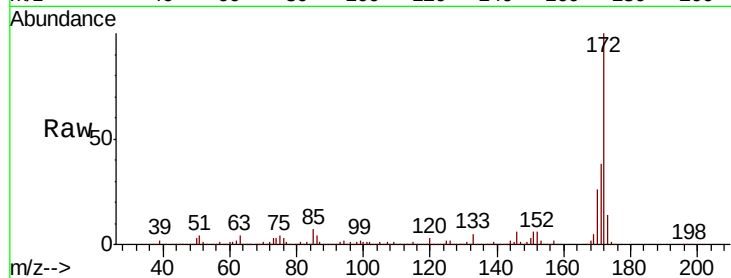
Tot Ion:172 Resp: 3902946

Ion Ratio Lower Upper

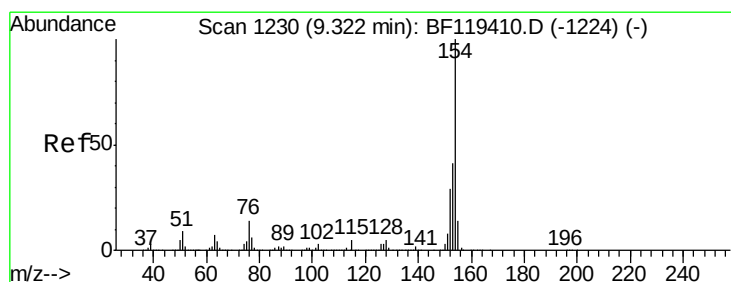
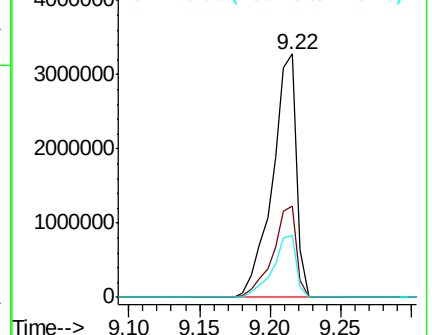
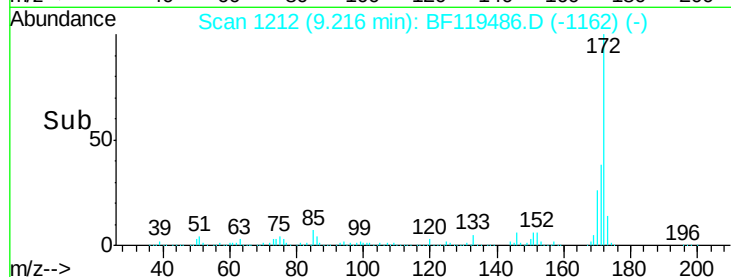
172 100

171 37.7 29.9 44.9

170 25.6 20.1 30.1



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: 45.212 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

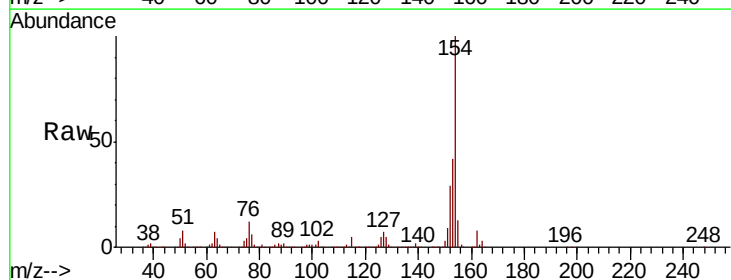
Tgt Ion:154 Resp: 2468013

Ion Ratio Lower Upper

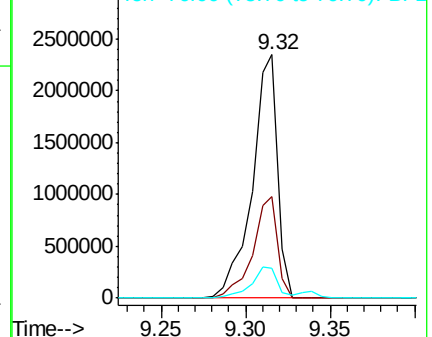
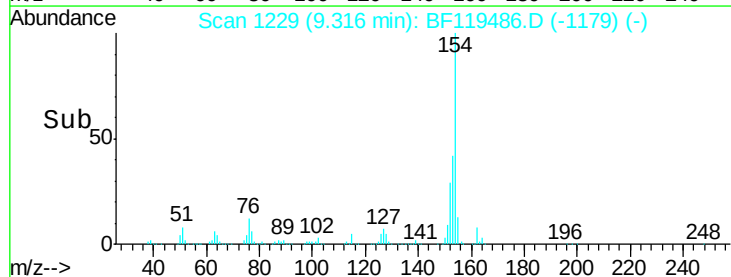
154 100

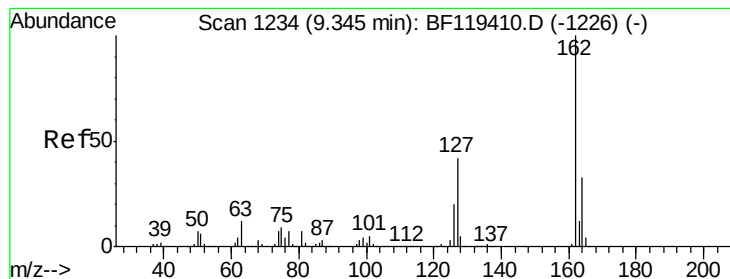
153 41.8 21.4 61.4

76 12.1 0.0 33.6



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: 44.963 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

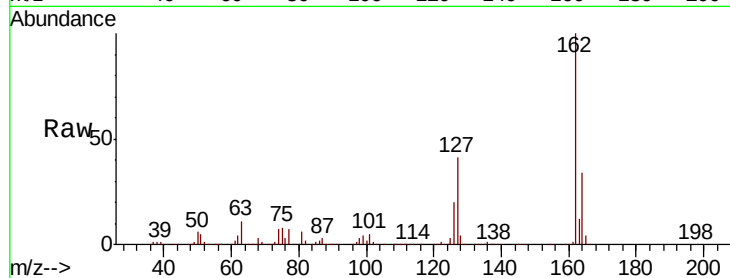
Tot Ion:162 Resp: 1922582

Ion Ratio Lower Upper

162 100

127 41.1 33.7 50.5

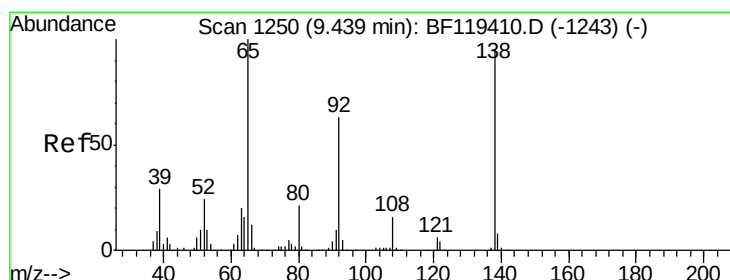
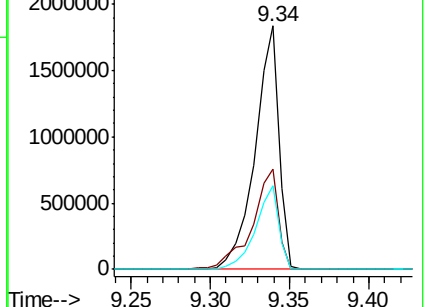
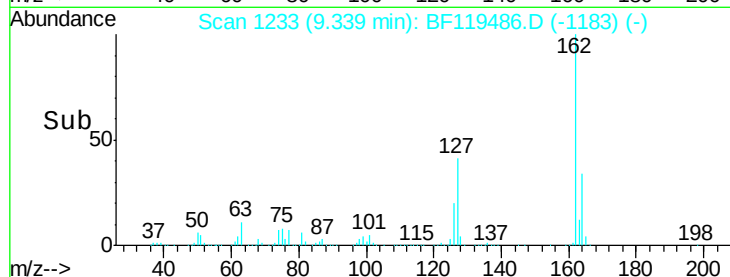
164 34.1 26.2 39.4



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: 47.374 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

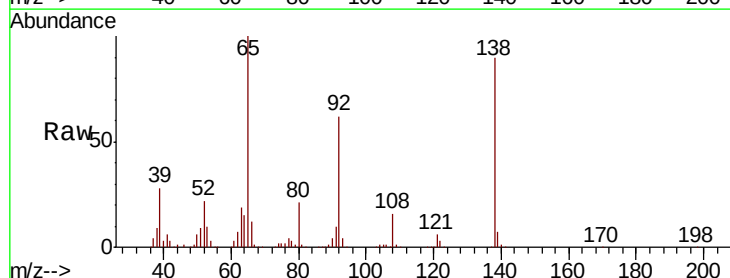
Tgt Ion: 65 Resp: 699177

Ion Ratio Lower Upper

65 100

92 61.9 50.5 75.7

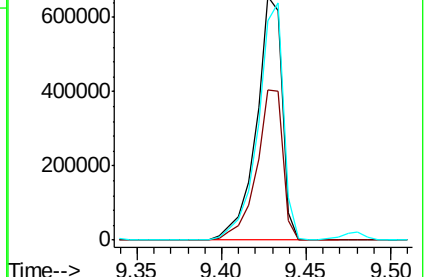
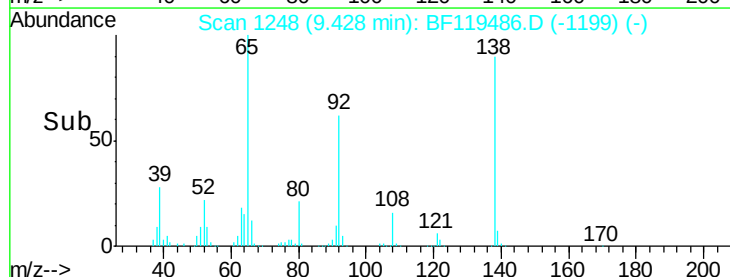
138 90.3 75.8 113.8

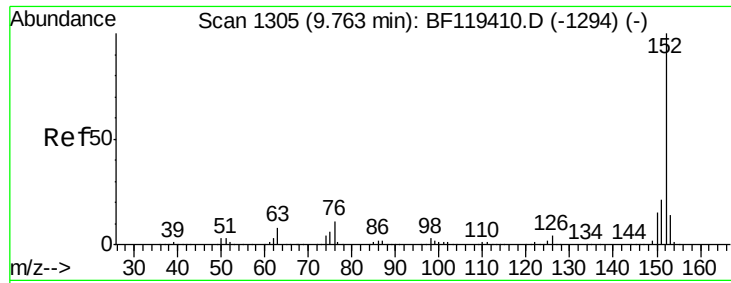


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#49

Acenaphthylene

Concen: 44.334 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

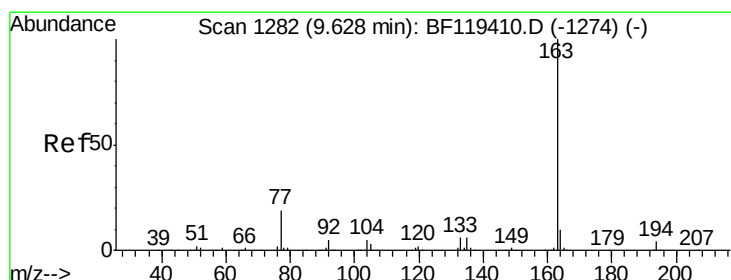
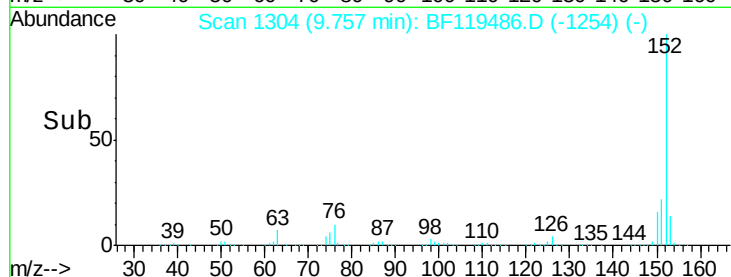
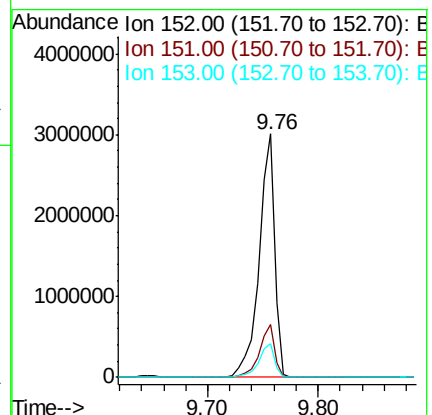
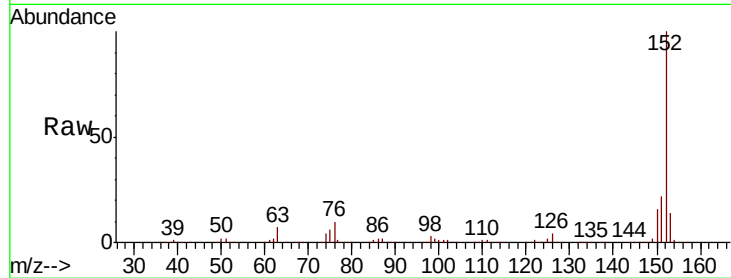
Tot Ion:152 Resp: 2976909

Ion Ratio Lower Upper

152 100

151 21.7 16.8 25.2

153 13.9 11.2 16.8



#50

Dimethylphthalate

Concen: 46.632 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

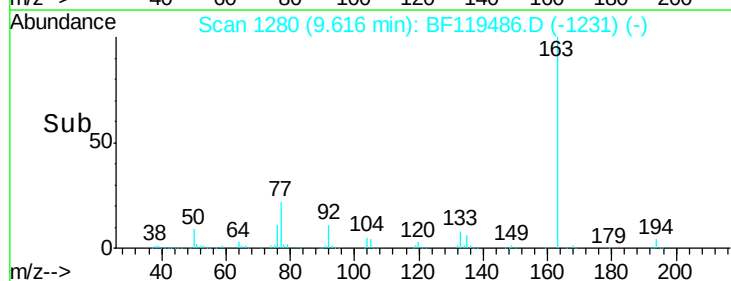
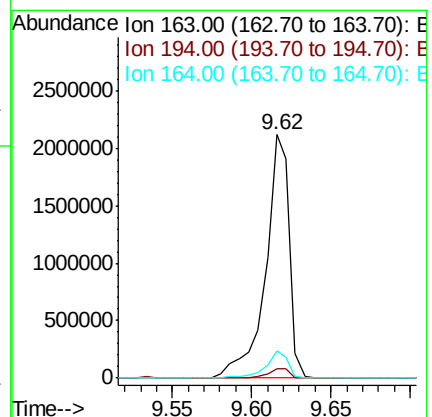
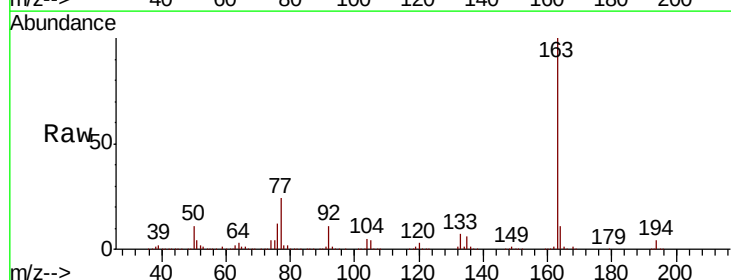
Tgt Ion:163 Resp: 2220026

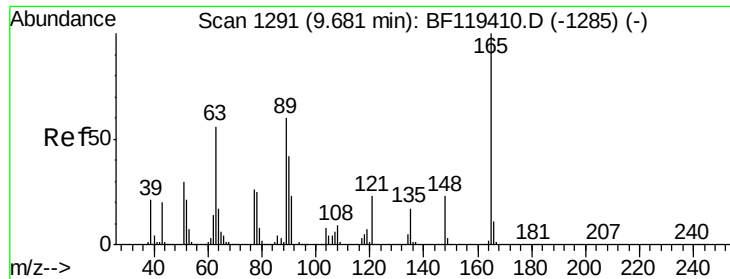
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 11.1 8.1 12.1

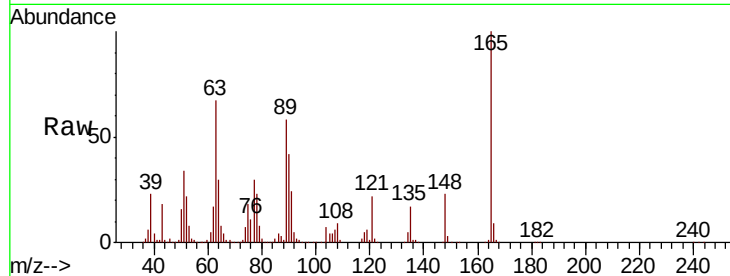




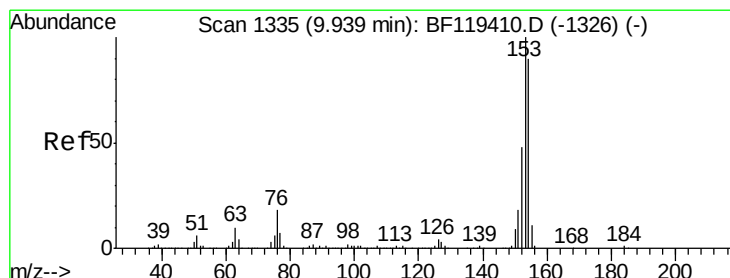
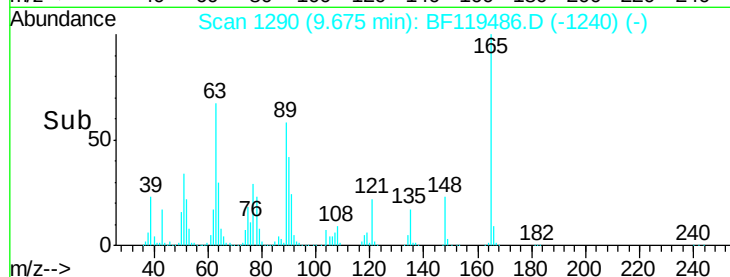
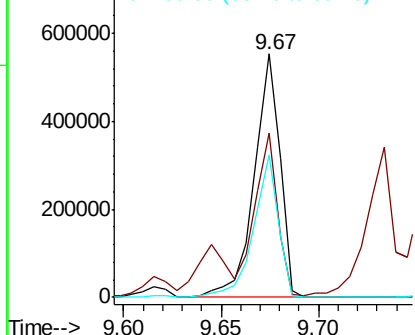
#51
 2,6-Dinitrotoluene
 Concen: 49.489 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BSD

Tot Ion:165 Resp: 505002
 Ion Ratio Lower Upper
 165 100
 63 67.3 57.3 85.9
 89 58.3 47.8 71.8

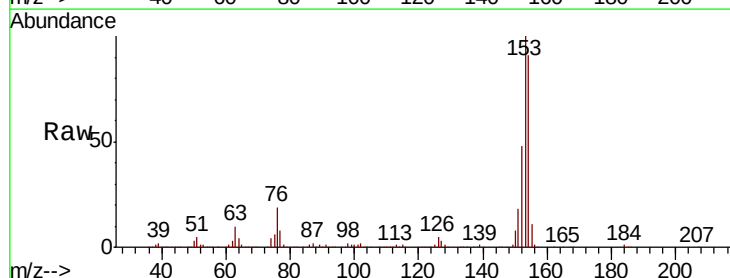


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

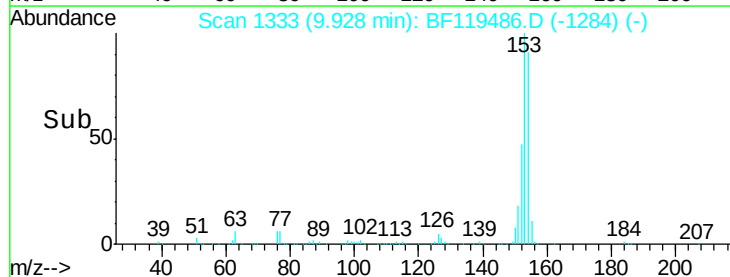
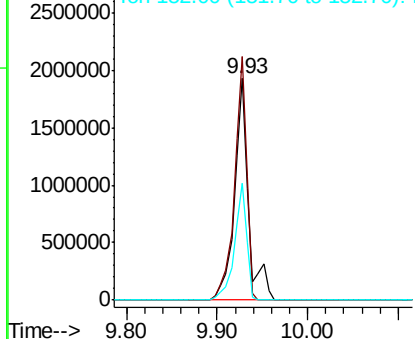


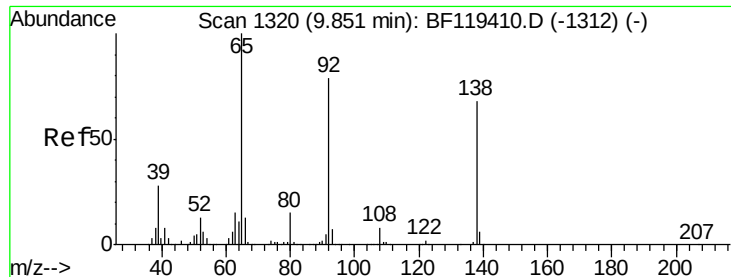
#52
 Acenaphthene
 Concen: 49.694 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

Tgt Ion:154 Resp: 2080222
 Ion Ratio Lower Upper
 154 100
 153 110.0 89.0 133.6
 152 53.0 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

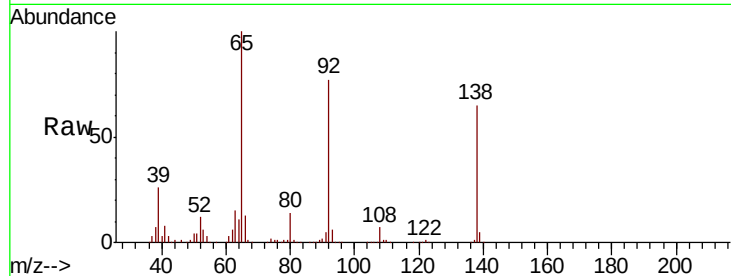




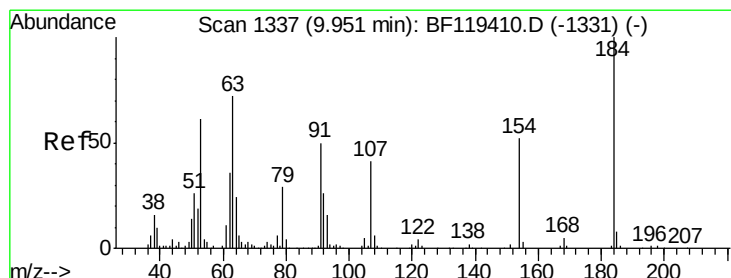
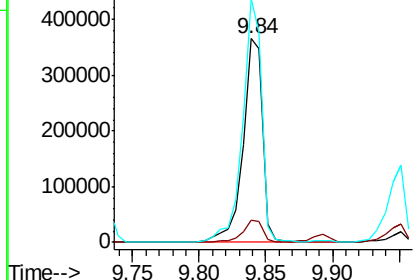
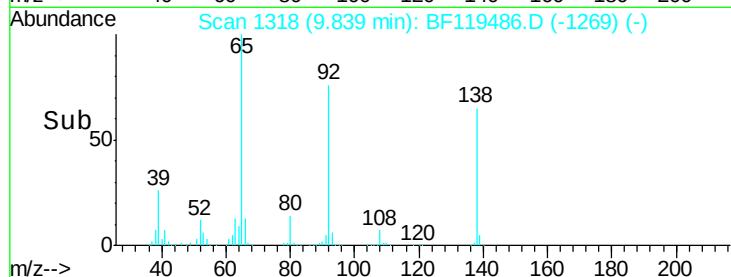
#53
3-Nitroaniline
Concen: 28.632 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion:138 Resp: 368855
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.6
92 119.4 93.2 139.8

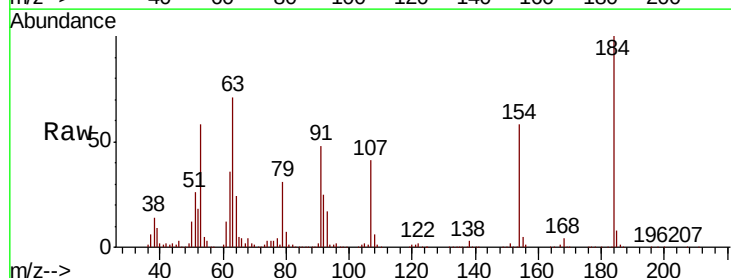


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

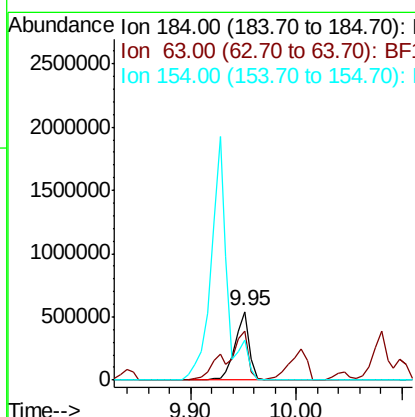
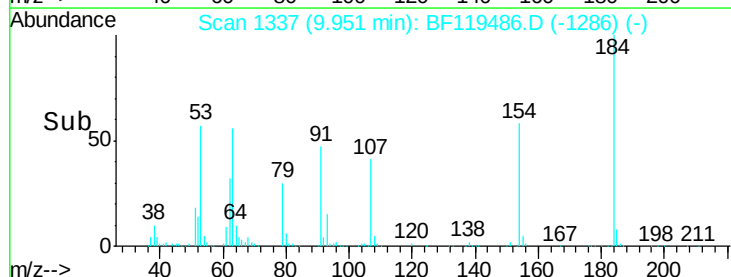


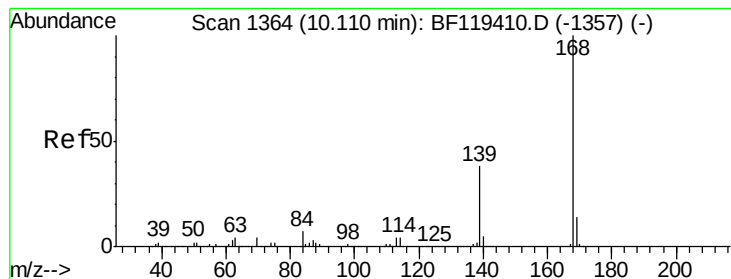
#54
2,4-Dinitrophenol
Concen: 109.092 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

Tgt Ion:184 Resp: 494535
Ion Ratio Lower Upper
184 100
63 70.7 58.5 87.7
154 58.2 51.8 77.6



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





#55

Dibenzofuran

Concen: 44.996 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

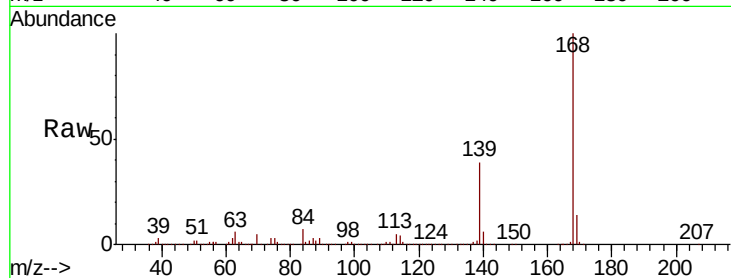
Tot Ion:168 Resp: 2700513

Ion Ratio Lower Upper

168 100

139 39.3 30.2 45.4

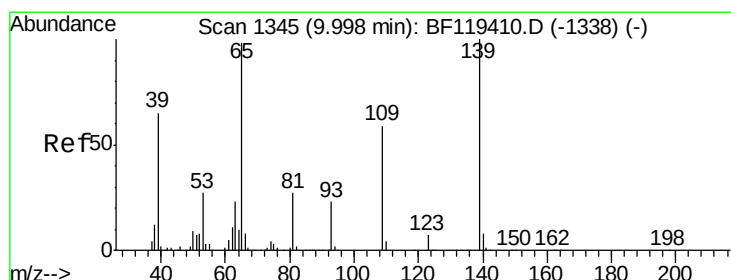
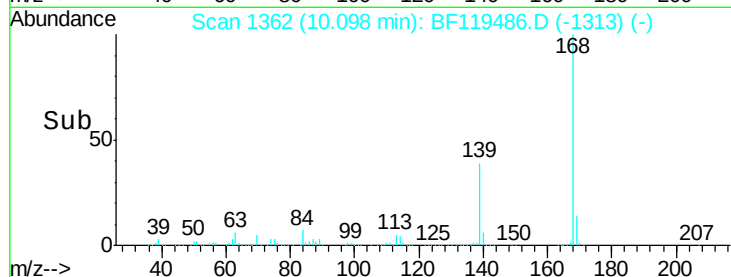
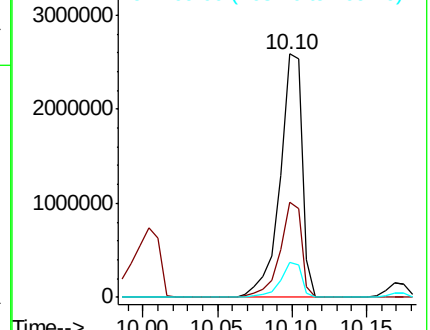
169 14.3 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 90.957 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

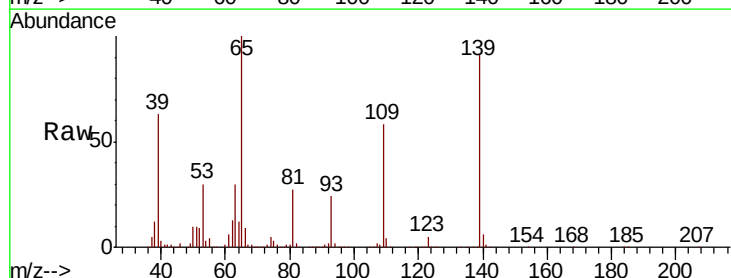
Tgt Ion:139 Resp: 924382

Ion Ratio Lower Upper

139 100

109 64.1 39.6 79.6

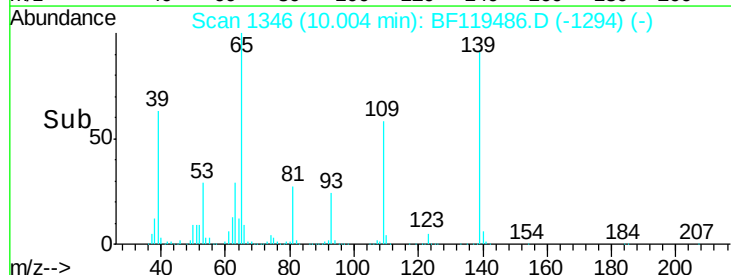
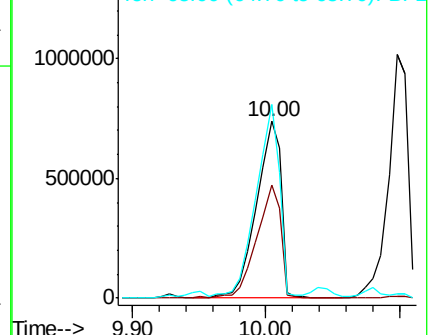
65 109.8 78.3 118.3

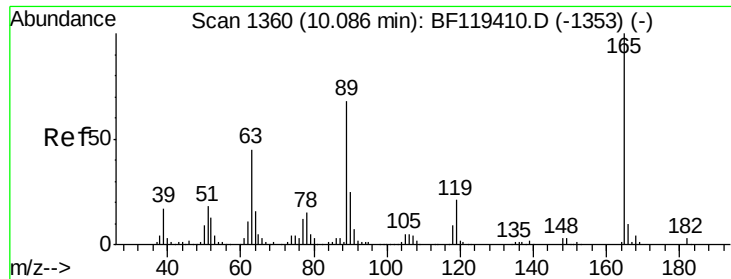


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 51.391 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

Tot Ion:165 Resp: 660616

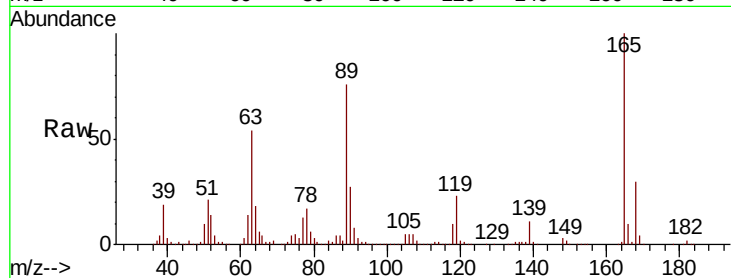
Ion Ratio Lower Upper

165 100

63 53.6 36.2 54.4

89 75.9 54.3 81.5

182 2.2 2.0 3.0

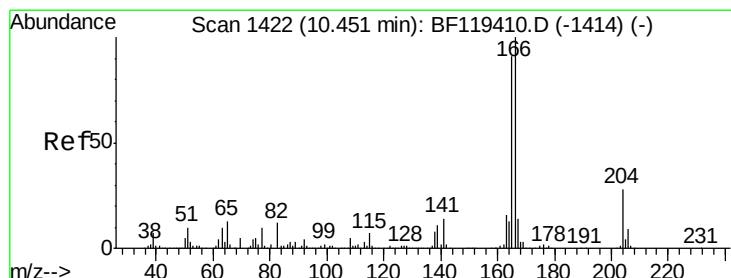
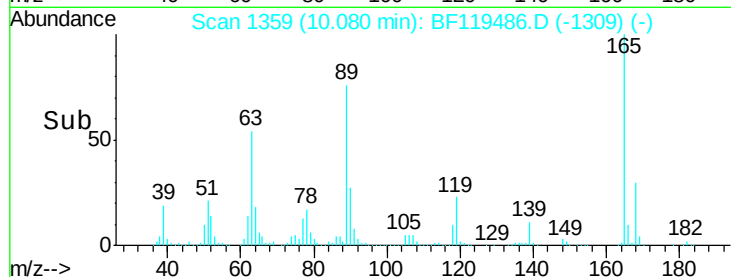
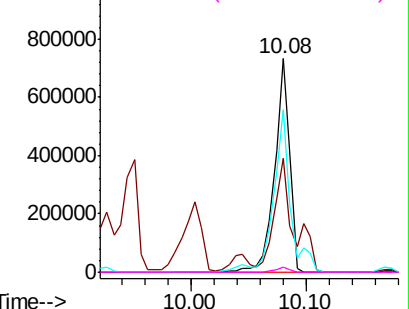


Abundance Ion 165.00 (164.70 to 165.70): E

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: 46.345 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

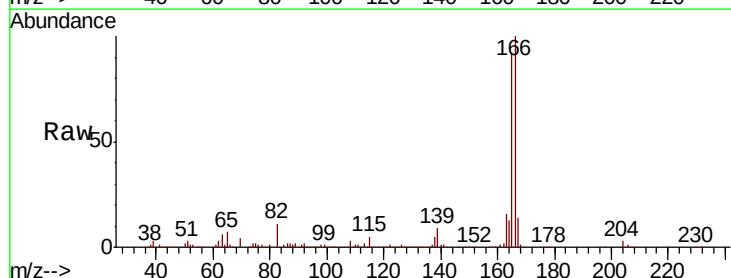
Tgt Ion:166 Resp: 2056865

Ion Ratio Lower Upper

166 100

165 92.3 73.1 109.7

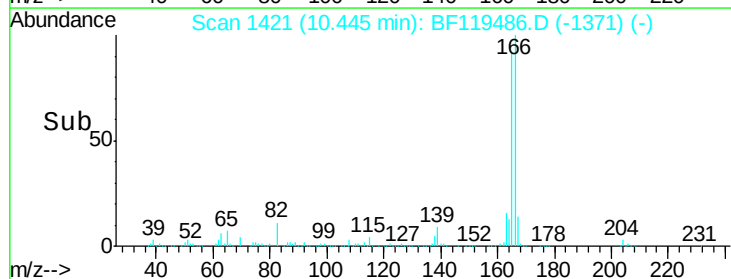
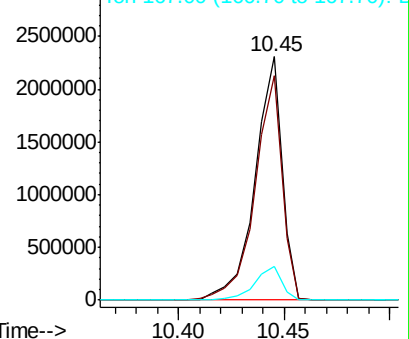
167 13.9 11.0 16.6

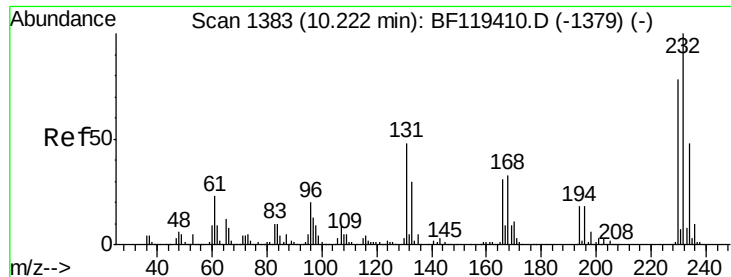


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

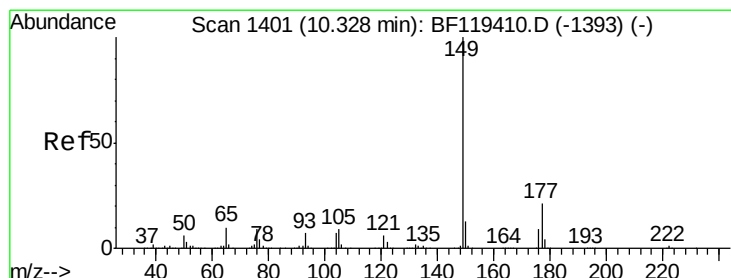
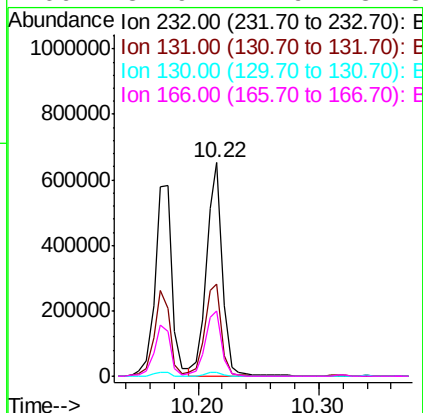
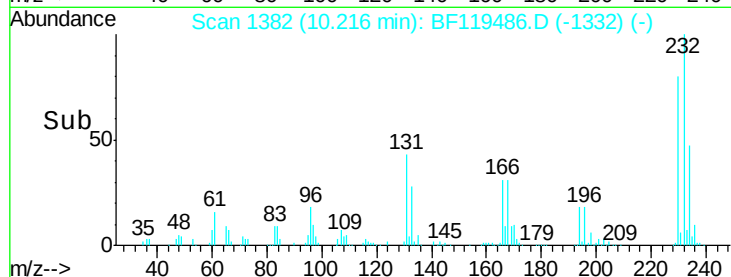
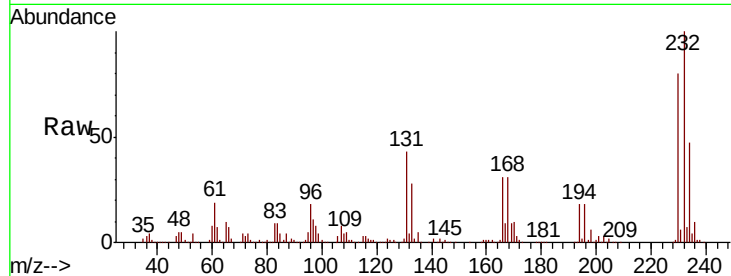




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.852 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

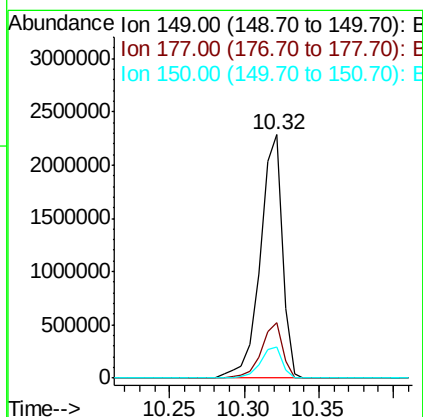
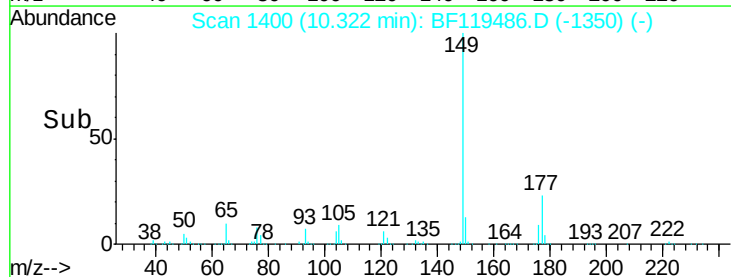
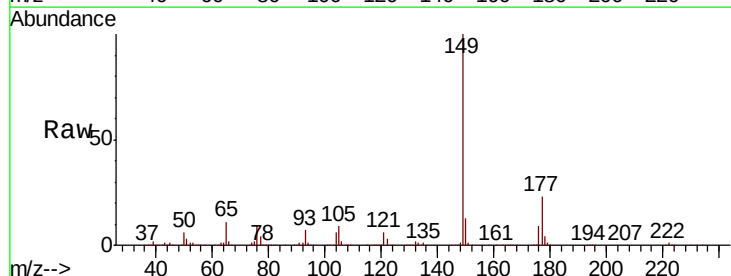
Instrument :
 BNA_F
 ClientSampleId :
 PB127731BSD

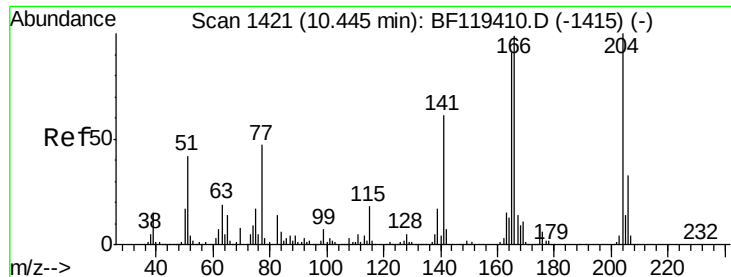
Tot Ion:	232	Resp:	586851
Ion	Ratio	Lower	Upper
232	100		
131	45.6	36.3	54.5
130	2.1	1.8	2.6
166	31.9	24.9	37.3



#60
 Diethylphthalate
 Concen: 47.836 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

Tgt Ion:	149	Resp:	2311337
Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.0	25.6
150	13.0	10.2	15.4

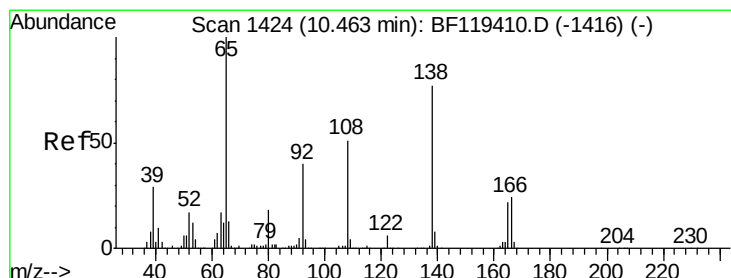
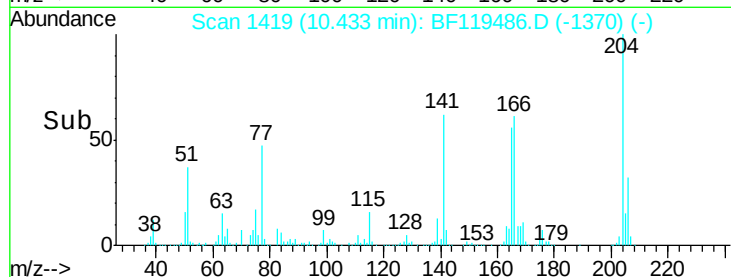
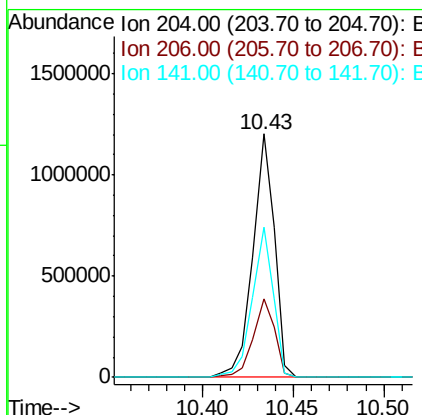
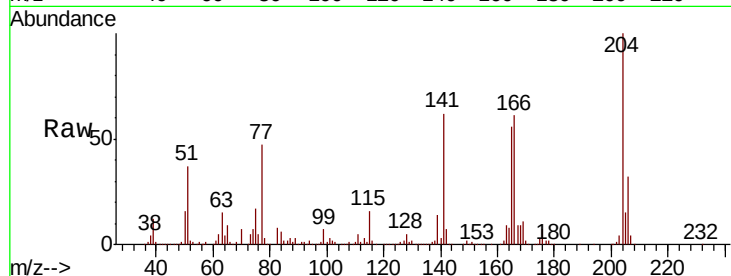




#61
 4-Chlorophenyl-phenylether
 Concen: 45.902 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

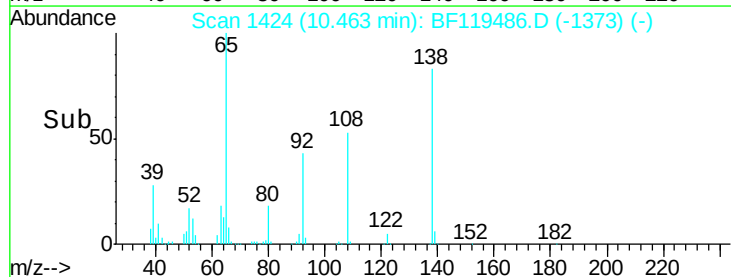
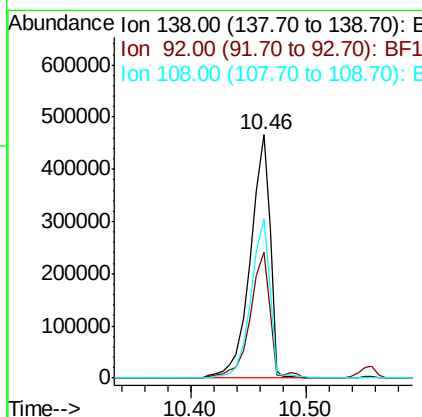
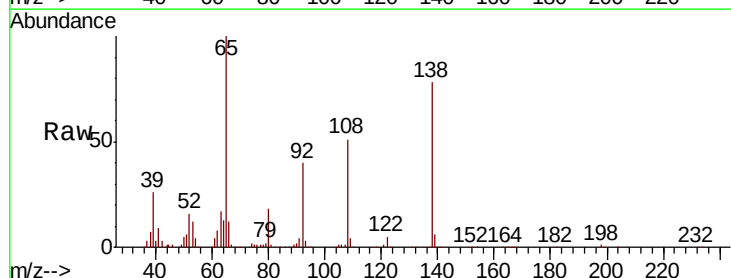
Instrument :
 BNA_F
 ClientSampleId :
 PB127731BSD

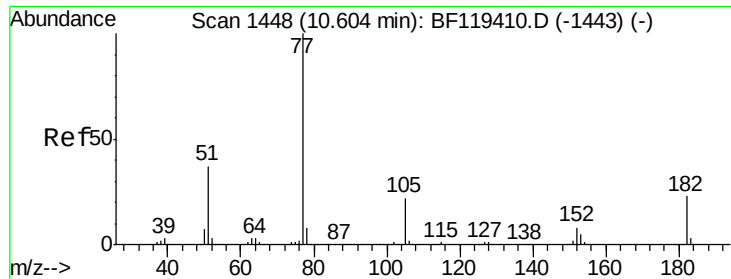
Tot Ion:204 Resp: 996238
 Ion Ratio Lower Upper
 204 100
 206 32.4 26.7 40.1
 141 61.8 48.8 73.2



#62
 4-Nitroaniline
 Concen: 44.823 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

Tgt Ion:138 Resp: 553731
 Ion Ratio Lower Upper
 138 100
 92 51.8 32.0 72.0
 108 65.4 46.0 86.0

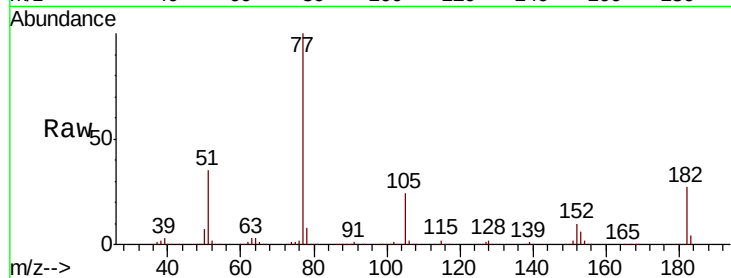




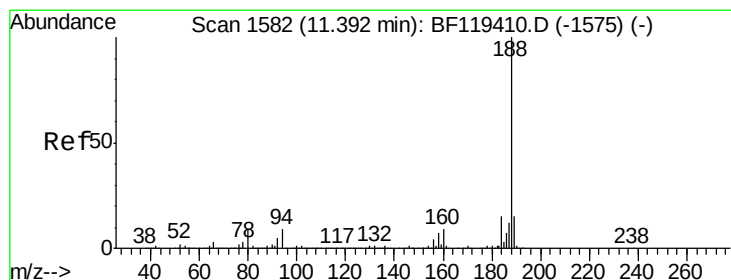
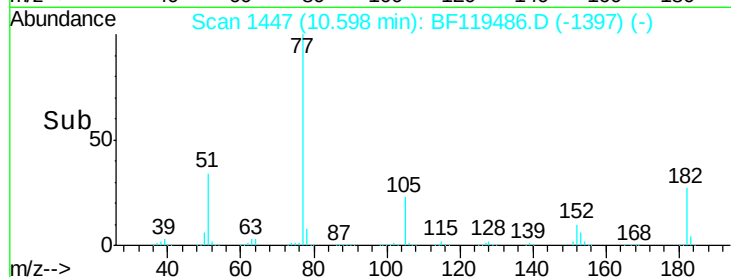
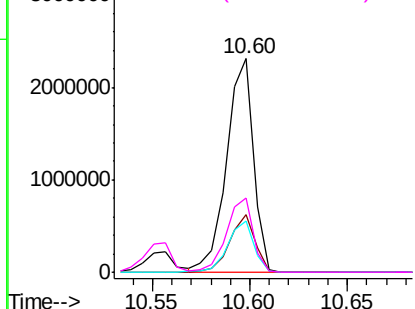
#63
Azobenzene
Concen: 45.295 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion: 77 Resp: 2203946
Ion Ratio Lower Upper
77 100
182 27.2 2.5 42.5
105 24.2 2.5 42.5
51 34.7 17.1 57.1

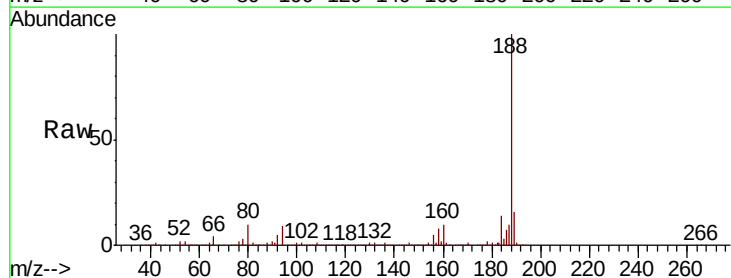


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

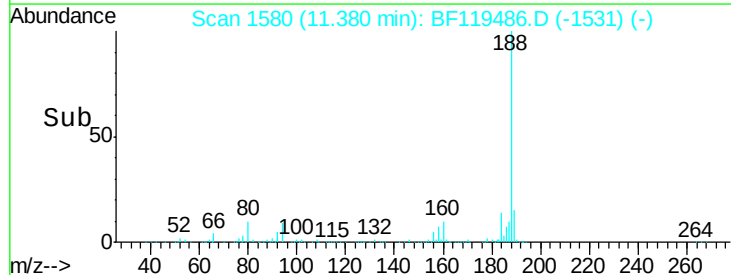
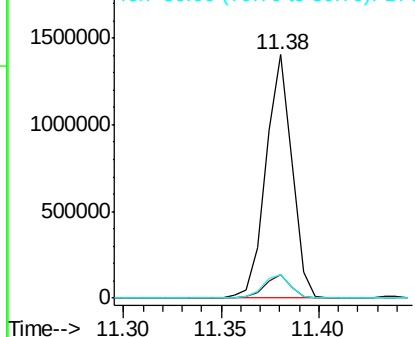


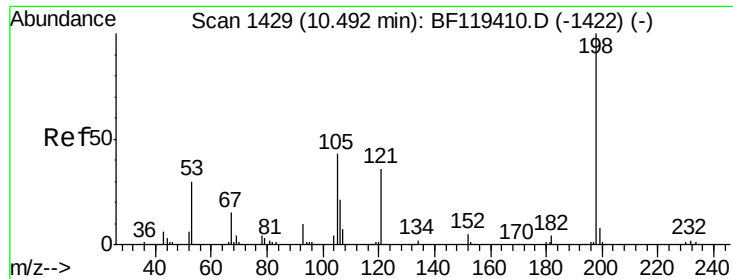
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

Tgt Ion: 188 Resp: 1298951
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 9.7 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

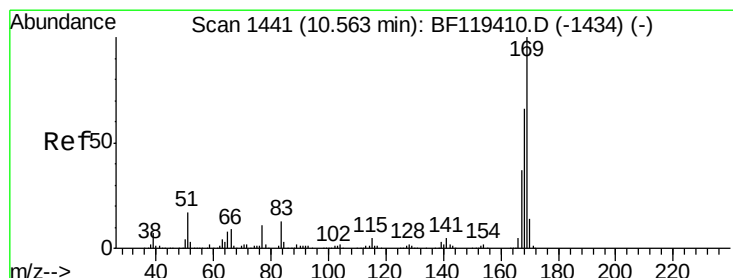
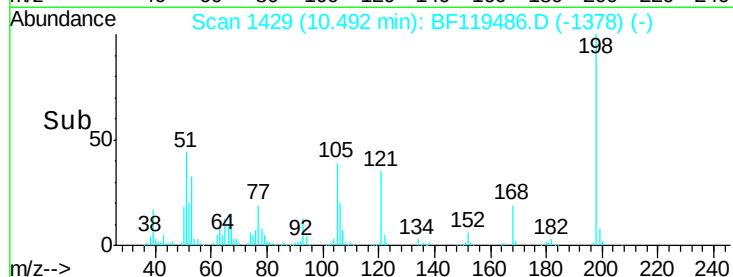
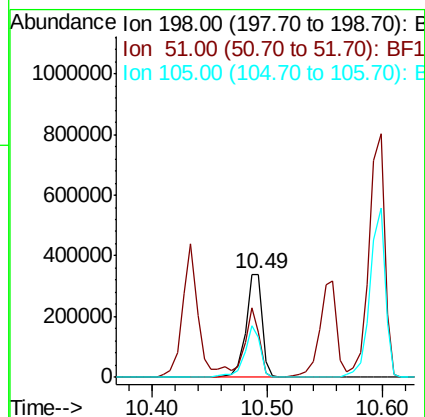
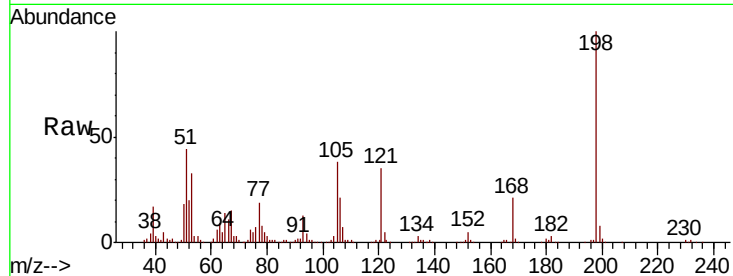




#65
 4,6-Dinitro-2-methylphenol
 Concen: 61.592 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

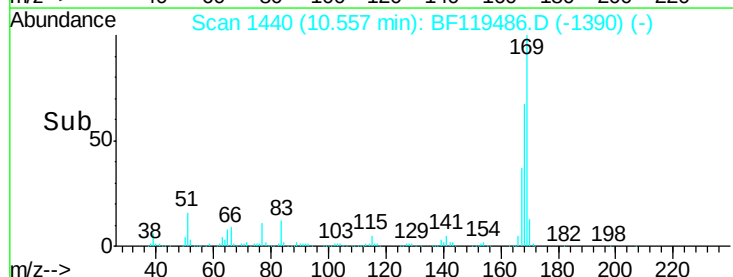
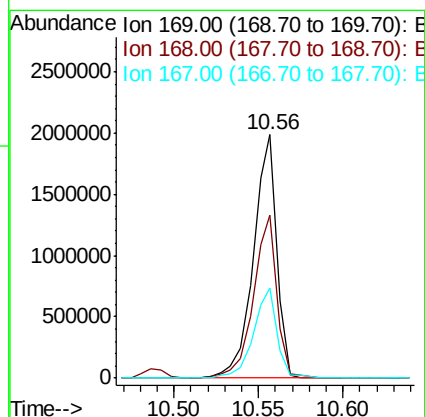
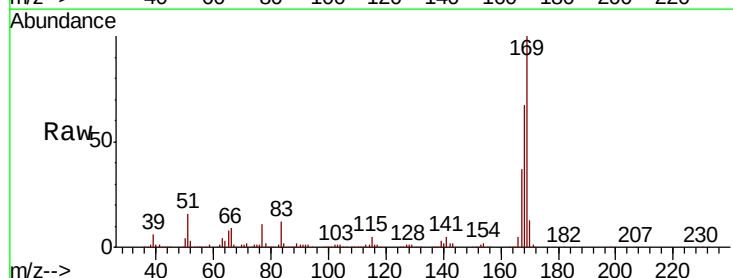
Instrument :
 BNA_F
 ClientSampleId :
 PB127731BSD

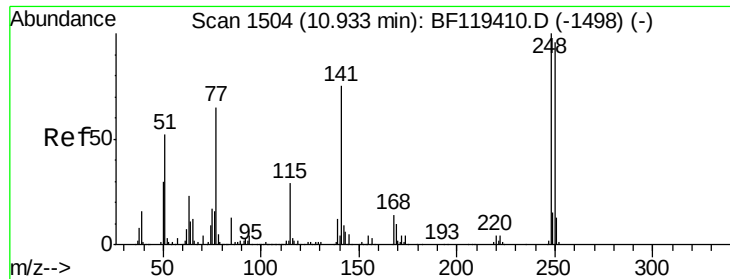
Tot Ion:198 Resp: 335481
 Ion Ratio Lower Upper
 198 100
 51 43.5 33.1 73.1
 105 38.5 24.1 64.1



#66
 n-Nitrosodiphenylamine
 Concen: 45.113 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

Tgt Ion:169 Resp: 1923723
 Ion Ratio Lower Upper
 169 100
 168 66.8 52.7 79.1
 167 37.1 29.3 43.9

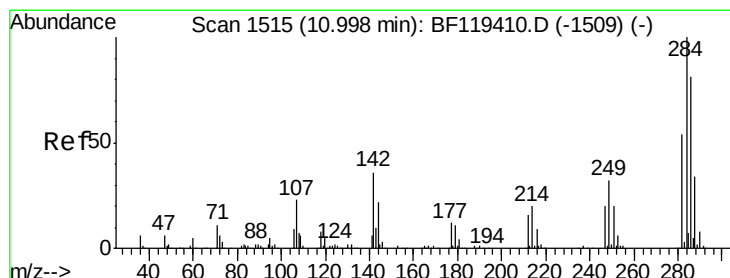
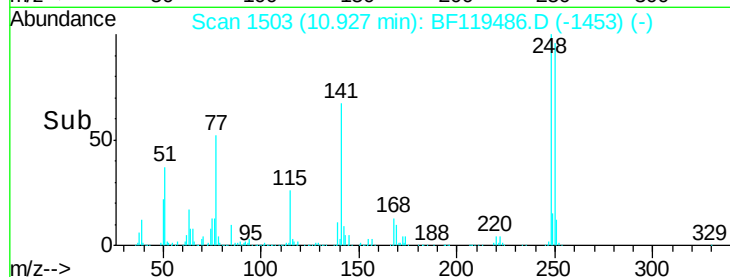
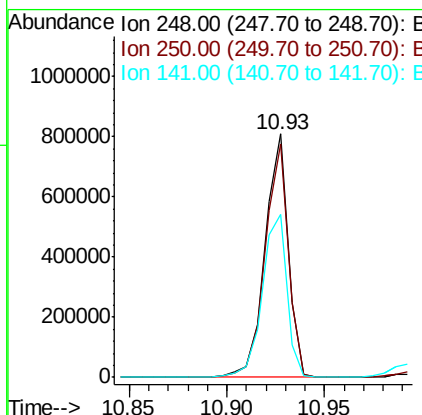
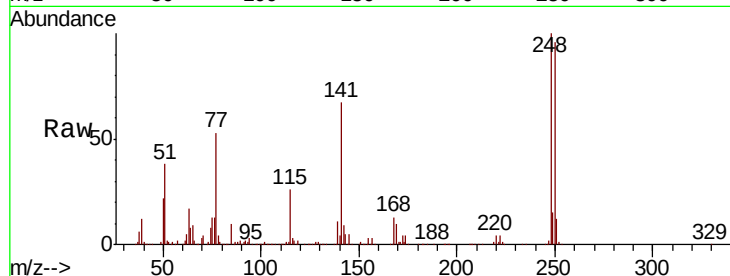




#67
4-Bromophenyl-phenylether
Concen: 45.071 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

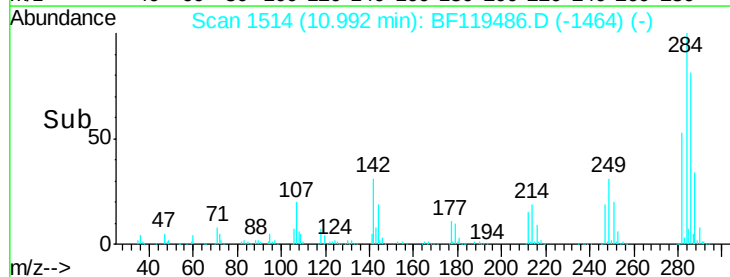
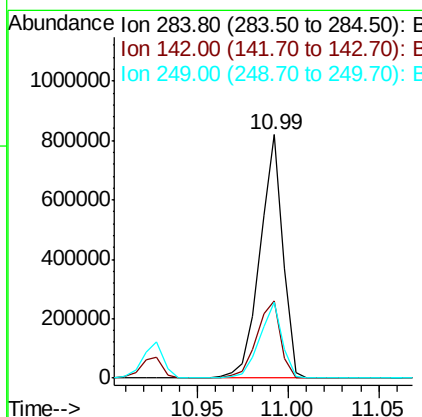
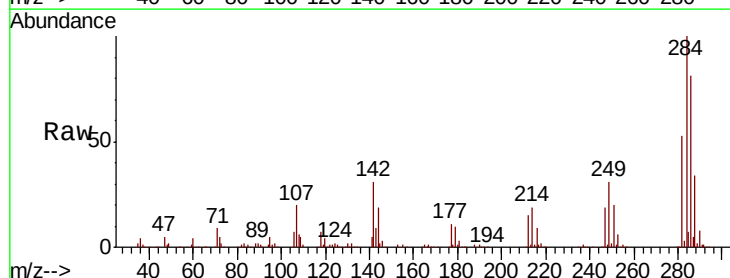
Instrument :
BNA_F
ClientSampleId :
PB127731BSD

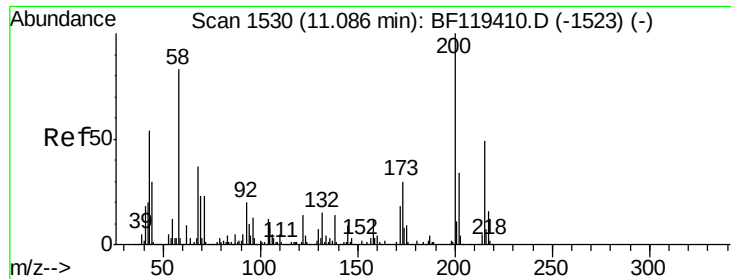
Tot Ion:248 Resp: 666753
Ion Ratio Lower Upper
248 100
250 95.7 77.0 115.6
141 67.0 59.7 89.5



#68
Hexachlorobenzene
Concen: 47.587 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

Tgt Ion:284 Resp: 720496
Ion Ratio Lower Upper
284 100
142 31.5 28.7 43.1
249 31.0 25.4 38.0

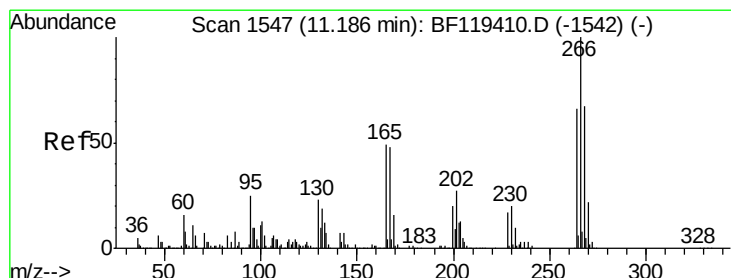
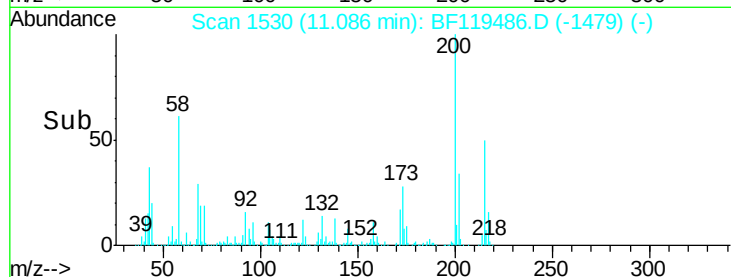
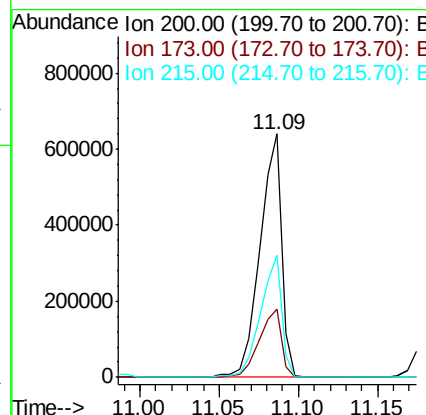
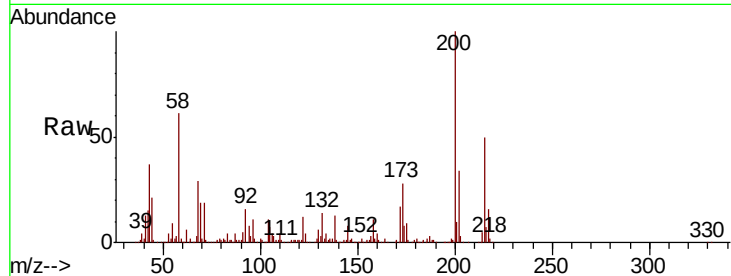




#69
Atrazine
Concen: 51.968 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

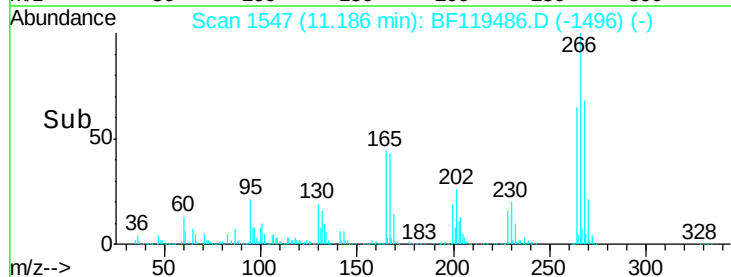
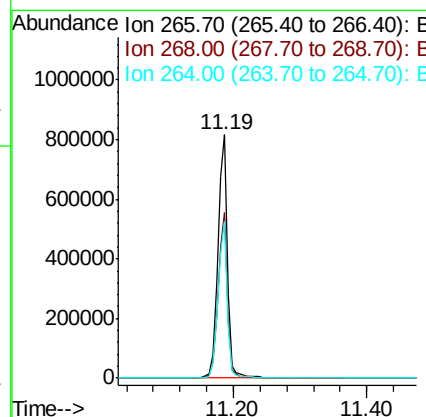
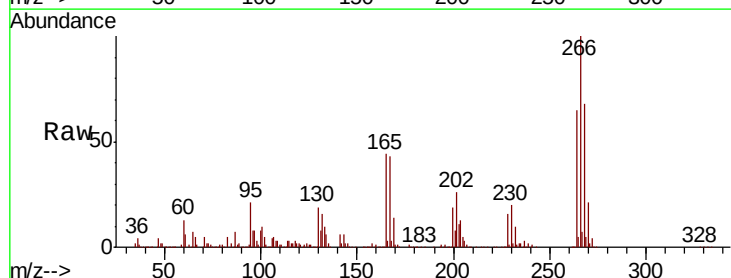
Instrument :
BNA_F
ClientSampleId :
PB127731BSD

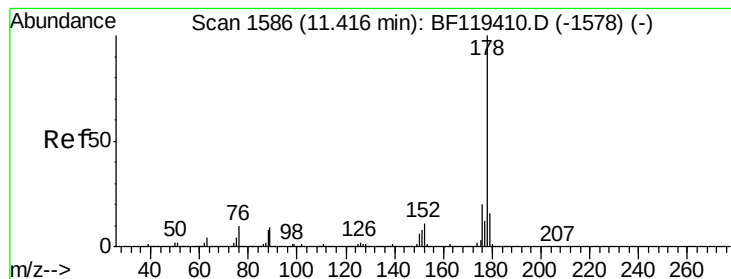
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	9.9	49.9
215	50.0	29.4	69.4



#70
Pentachlorophenol
Concen: 92.412 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.1	53.7	80.5
264	64.5	52.5	78.7





#71

Phenanthrene

Concen: 43.998 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

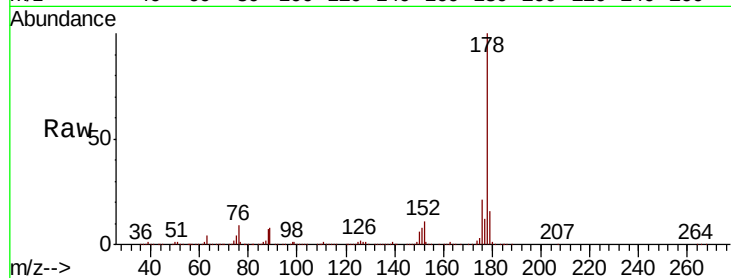
Tot Ion:178 Resp: 2963433

Ion Ratio Lower Upper

178 100

176 20.9 16.2 24.4

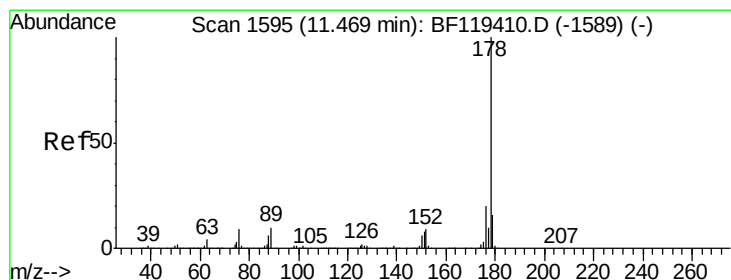
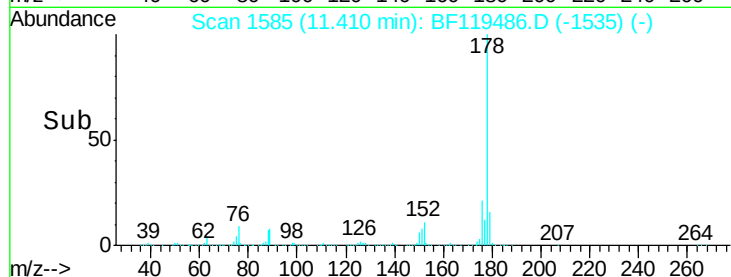
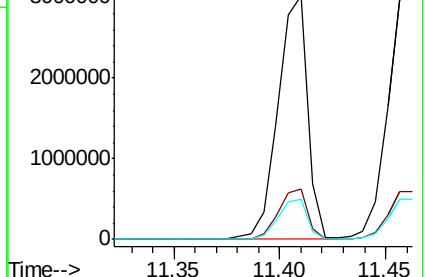
179 16.4 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.100 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

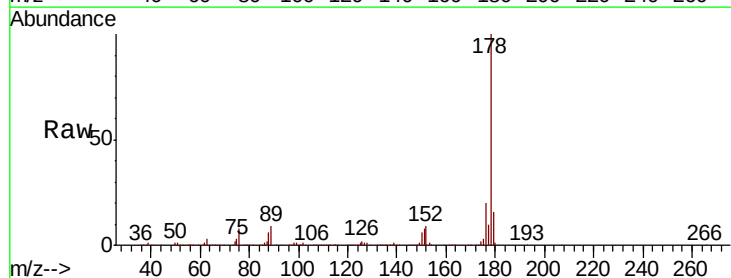
Tgt Ion:178 Resp: 3087287

Ion Ratio Lower Upper

178 100

176 20.1 15.6 23.4

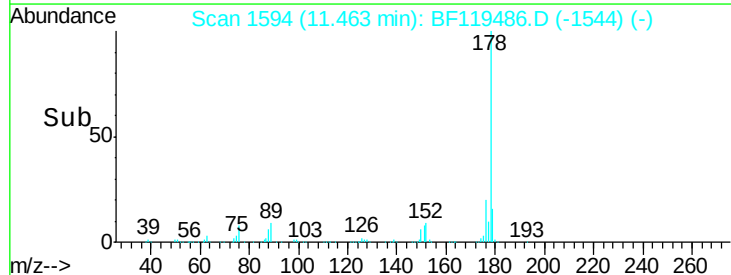
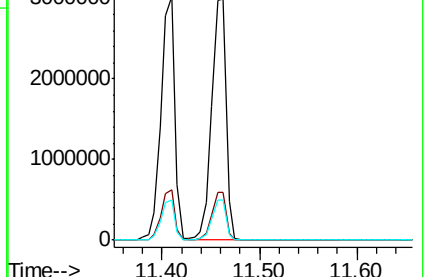
179 16.4 13.1 19.7

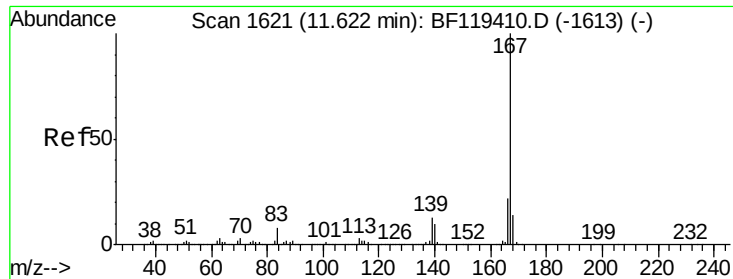


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

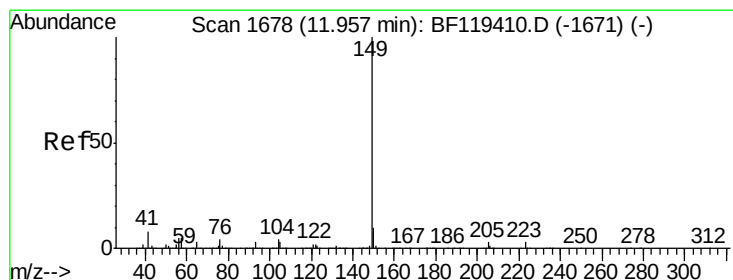
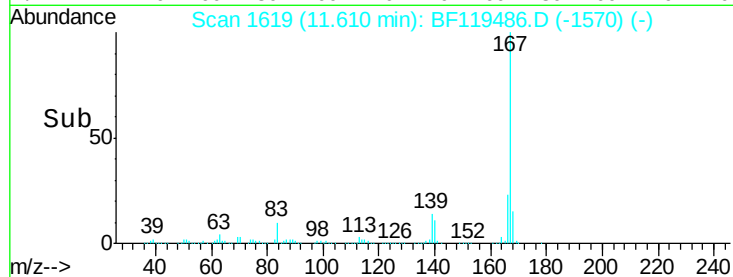
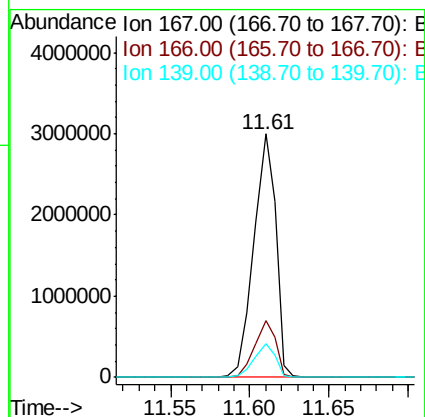
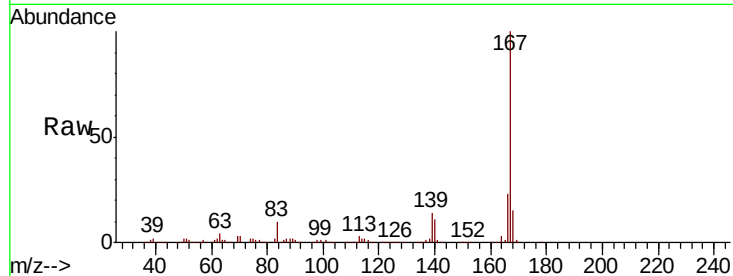




#73
 Carbazole
 Concen: 42.823 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

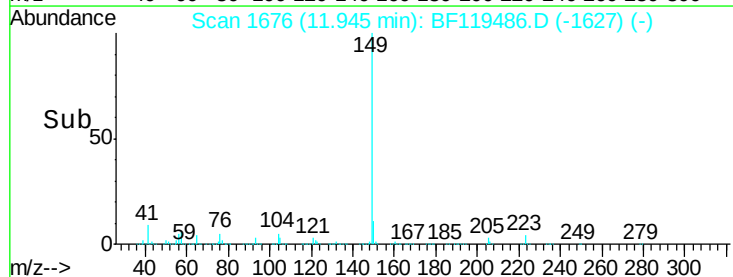
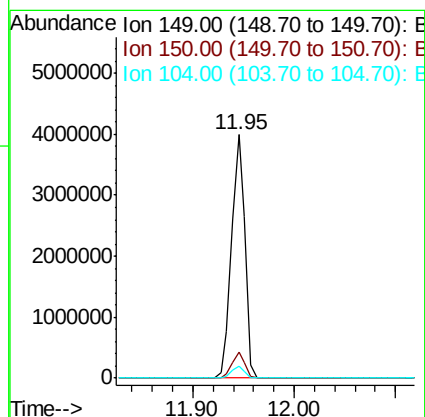
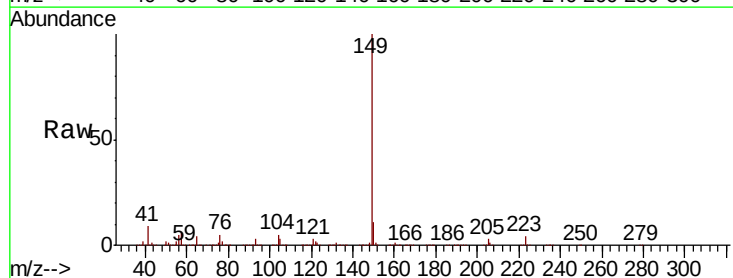
Instrument :
 BNA_F
 ClientSampleId :
 PB127731BSD

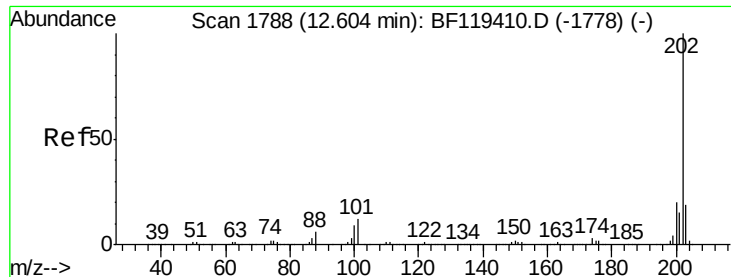
Tot Ion:167 Resp: 2901539
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.8 26.6
 139 14.0 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 50.458 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

Tgt Ion:149 Resp: 3657301
 Ion Ratio Lower Upper
 149 100
 150 10.7 7.6 11.4
 104 5.2 3.5 5.3





#75

Fluoranthene

Concen: 45.512 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

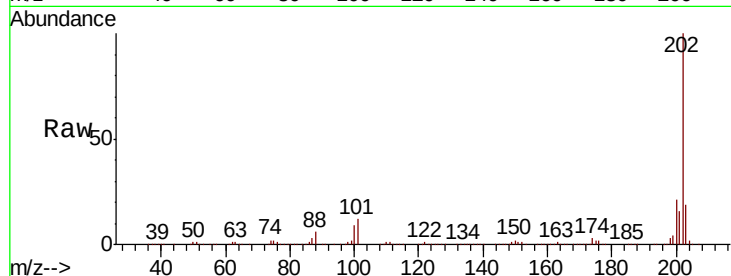
Tot Ion:202 Resp: 3317476

Ion Ratio Lower Upper

202 100

101 11.9 0.0 32.4

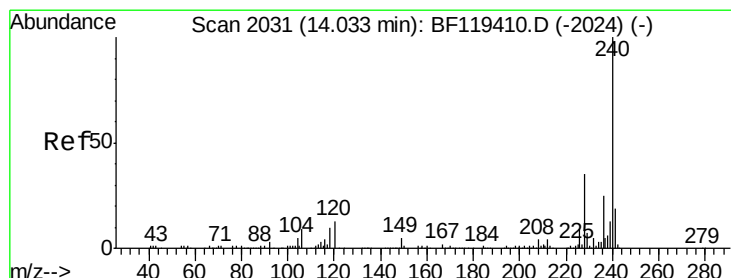
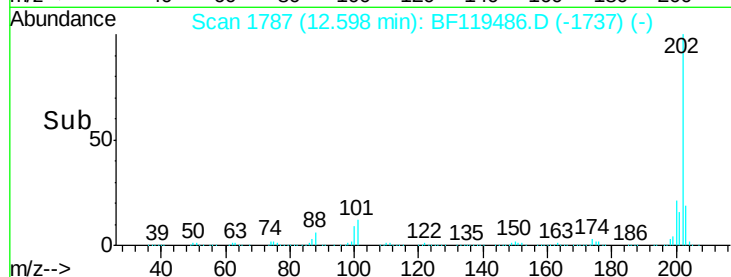
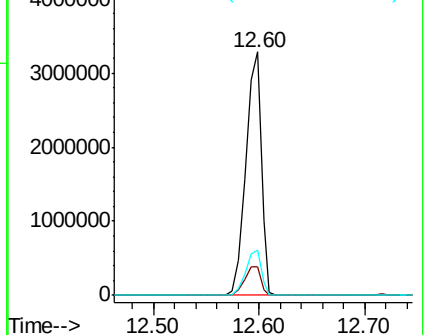
203 18.8 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

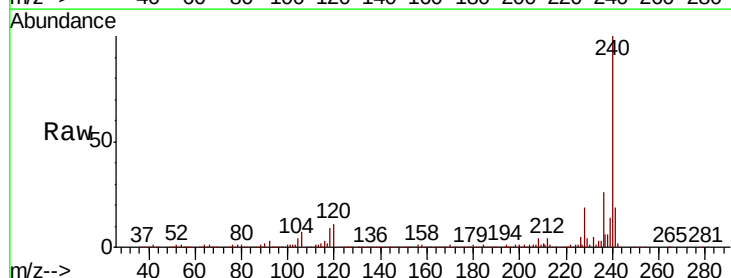
Tgt Ion:240 Resp: 987352

Ion Ratio Lower Upper

240 100

120 11.0 10.2 15.4

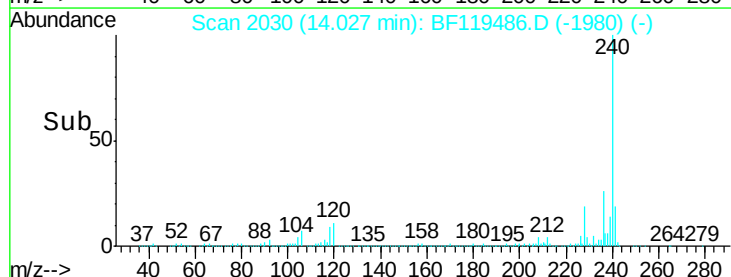
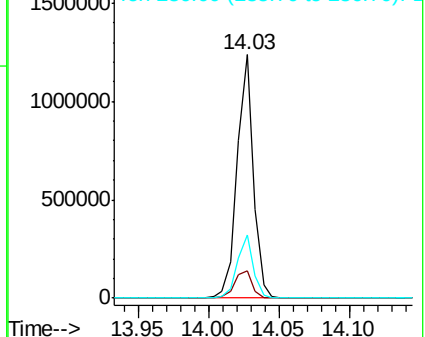
236 25.8 20.4 30.6

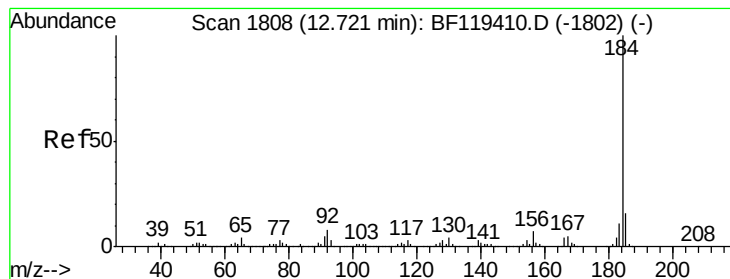


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.851 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

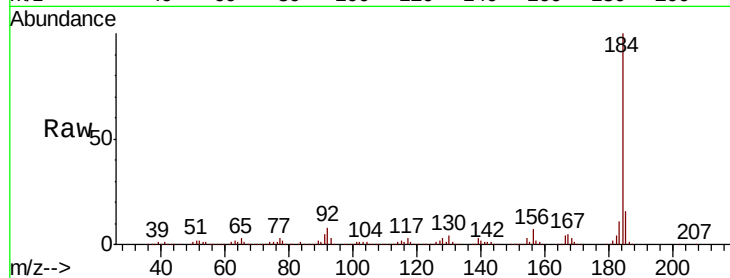
Tot Ion:184 Resp: 2041242

Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.9	19.3
183	11.2	9.0	13.4

184 100

185 16.1 12.9 19.3

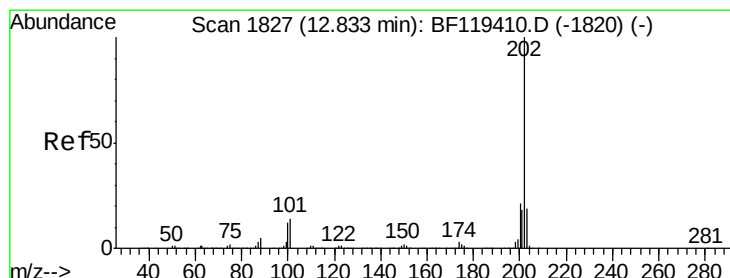
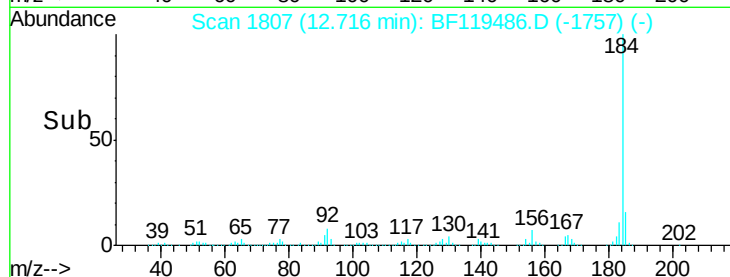
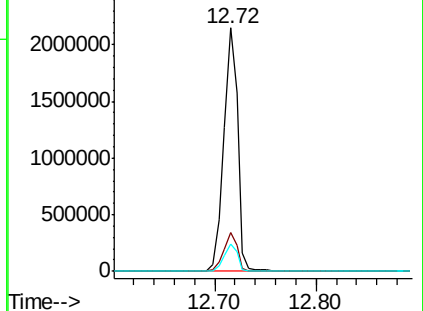
183 11.2 9.0 13.4



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: 41.403 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

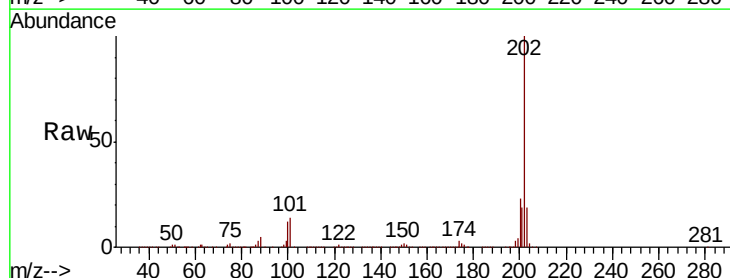
Tgt Ion:202 Resp: 3354898

Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.8	25.2
203	19.2	14.8	22.2

202 100

200 22.7 16.8 25.2

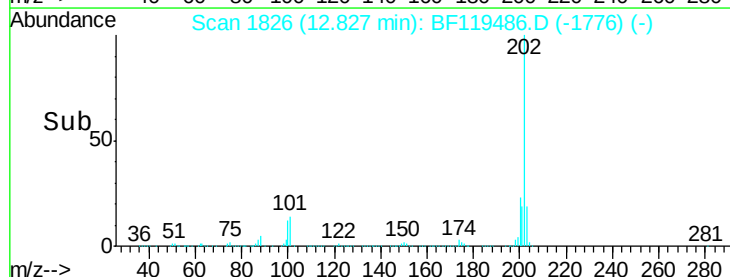
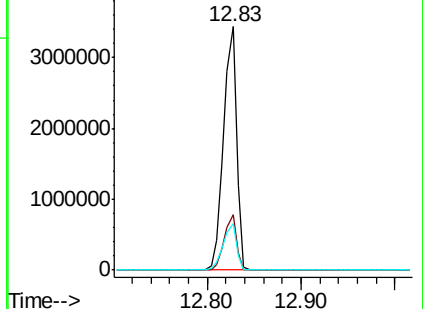
203 19.2 14.8 22.2

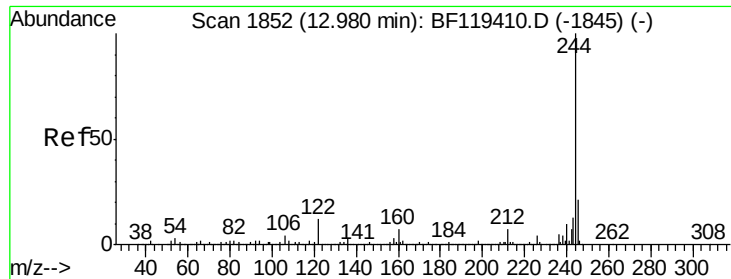


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

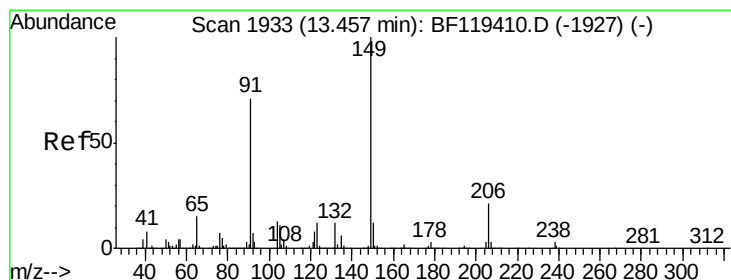
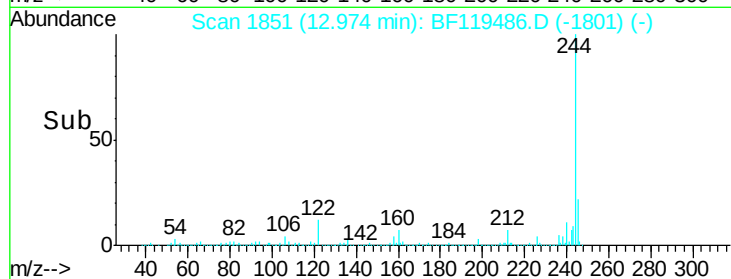
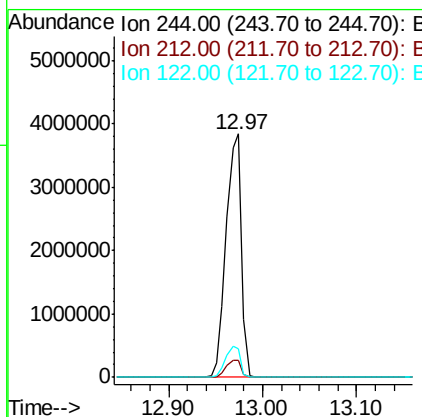
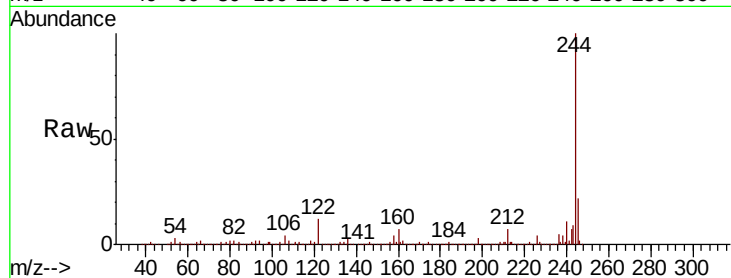




#79
 Terphenyl-d14
 Concen: 86.798 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

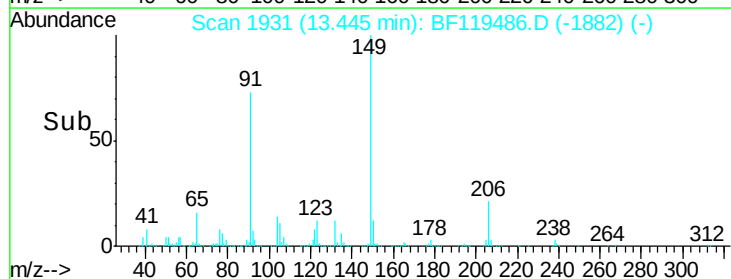
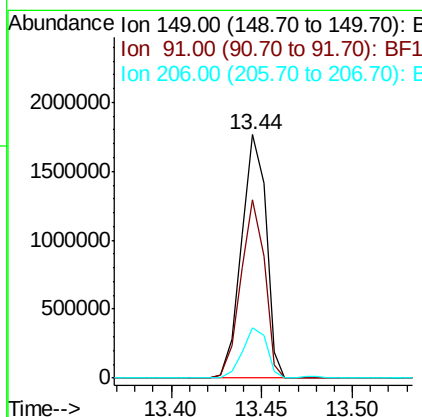
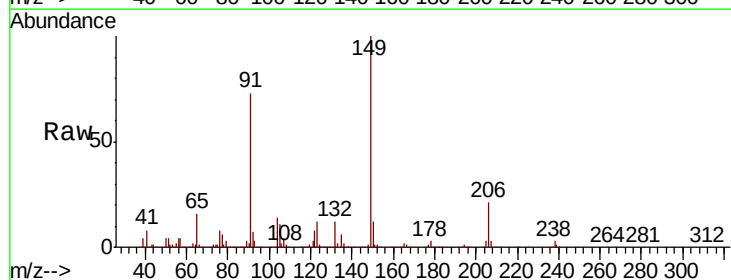
Instrument :
 BNA_F
 ClientSampleId :
 PB127731BSD

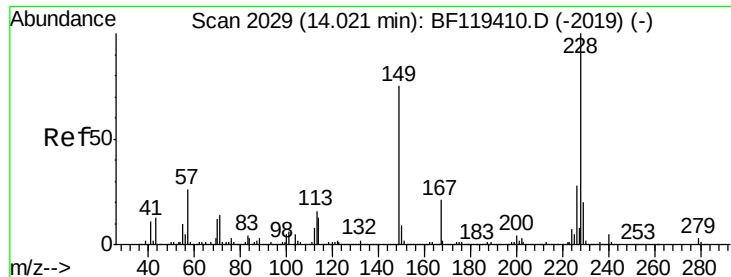
Tot Ion:244 Resp: 4374200
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 12.0 9.8 14.8



#80
 Butylbenzylphthalate
 Concen: 51.094 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 12:12

Tgt Ion:149 Resp: 1674529
 Ion Ratio Lower Upper
 149 100
 91 73.2 57.0 85.6
 206 20.5 16.4 24.6

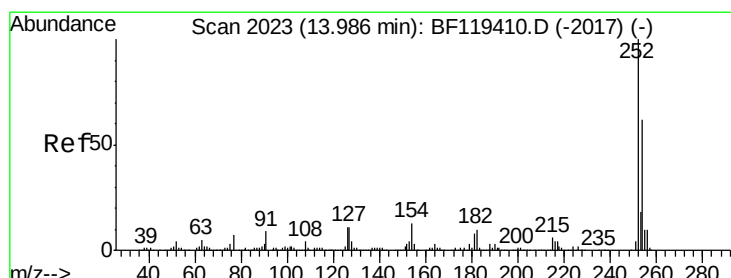
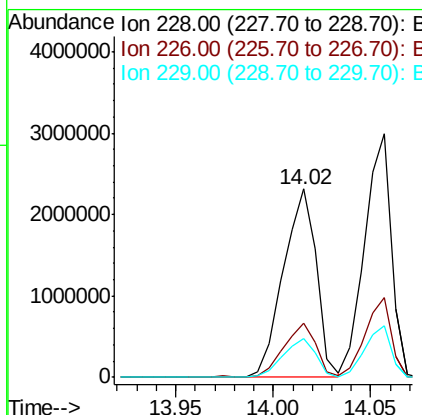
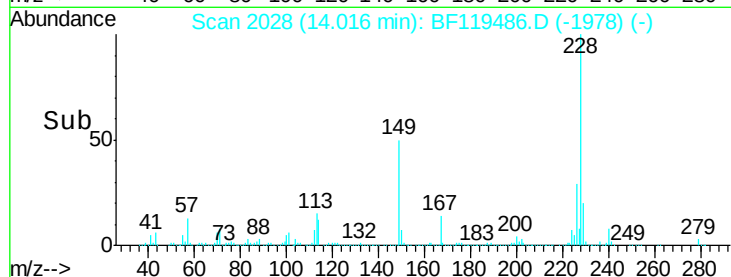
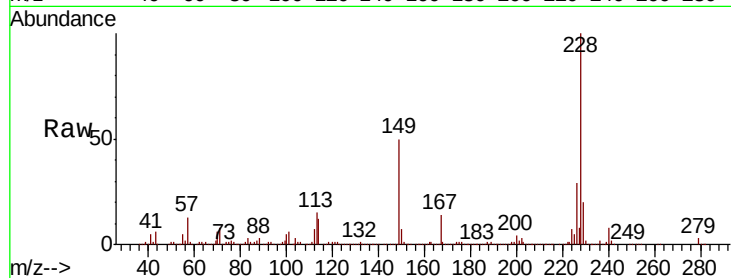




#81
Benzo(a)anthracene
Concen: 42.171 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

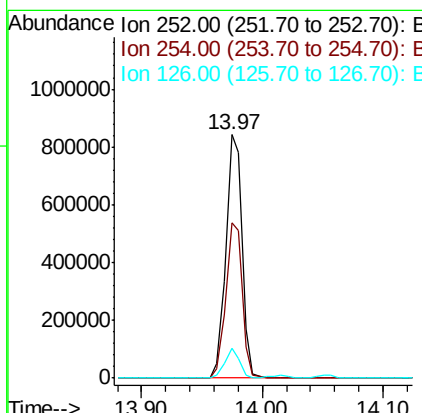
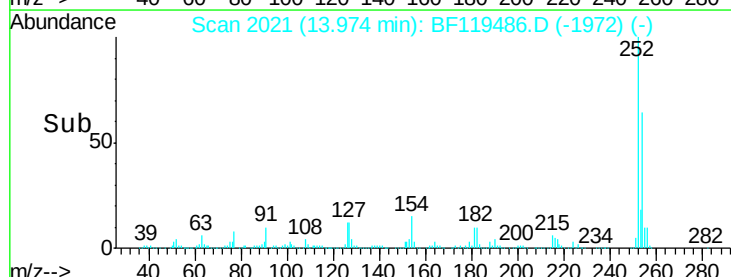
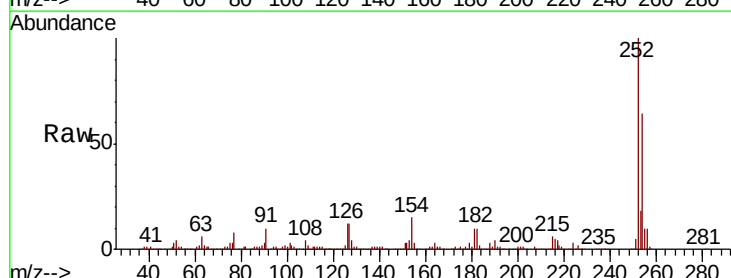
Instrument :
BNA_F
ClientSampleId :
PB127731BSD

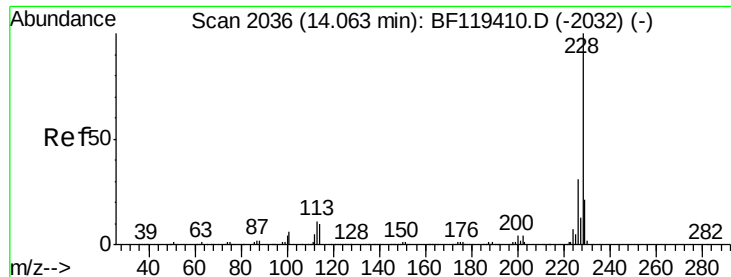
Tot Ion:228 Resp: 2707620
Ion Ratio Lower Upper
228 100
226 28.9 22.3 33.5
229 20.4 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 30.931 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

Tgt Ion:252 Resp: 783037
Ion Ratio Lower Upper
252 100
254 63.7 49.8 74.8
126 12.0 8.9 13.3





#83

Chrysene

Concen: 43.101 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

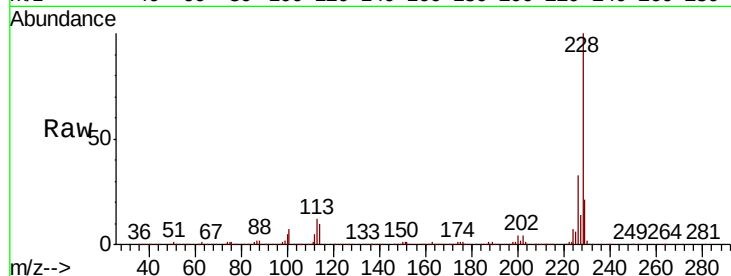
Tot Ion:228 Resp: 2855990

Ion Ratio Lower Upper

228 100

226 32.8 24.8 37.2

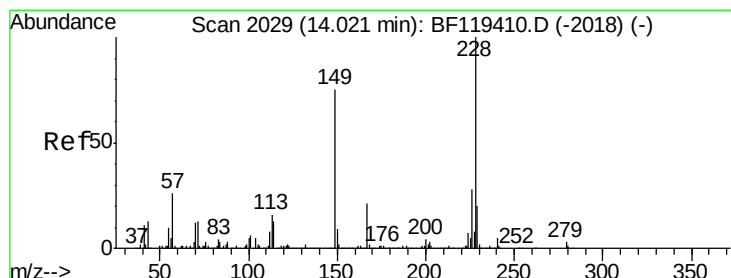
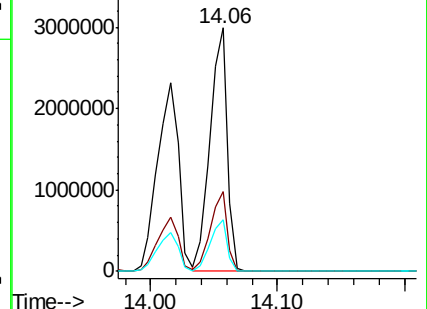
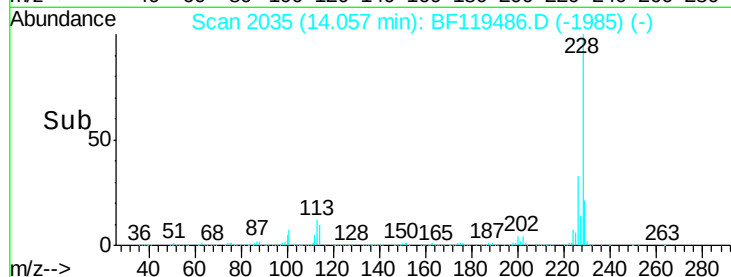
229 21.3 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.976 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

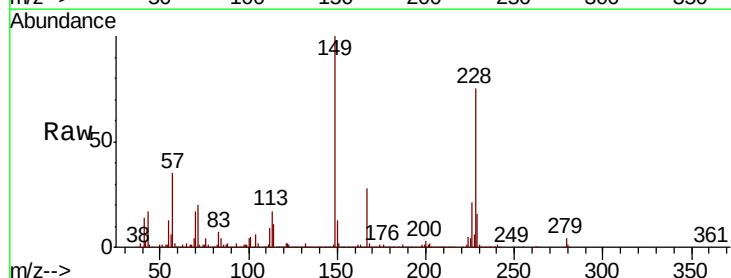
Tgt Ion:149 Resp: 2186901

Ion Ratio Lower Upper

149 100

167 27.6 22.0 33.0

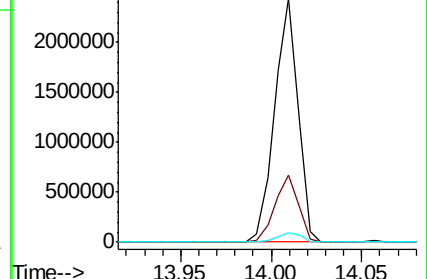
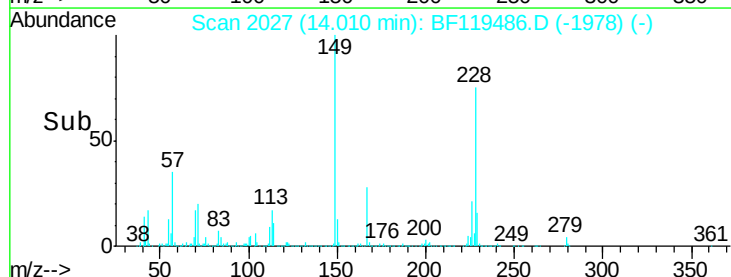
279 3.8 3.2 4.8

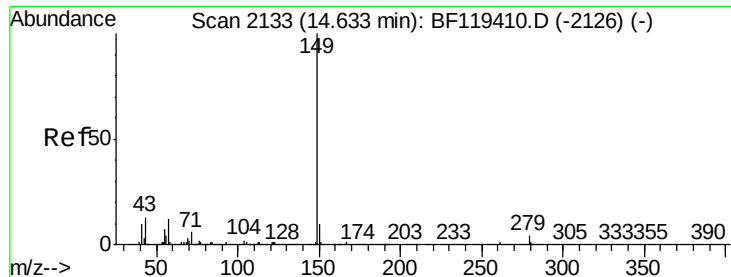


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 58.171 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

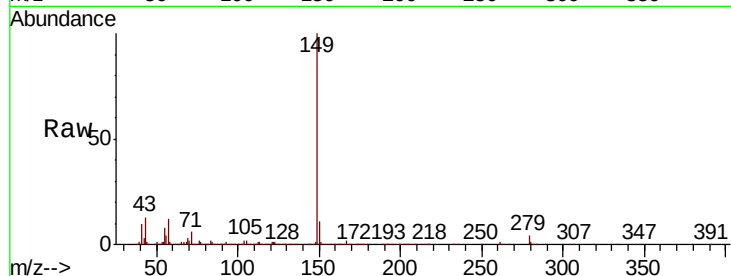
Tot Ion:149 Resp: 3996984

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

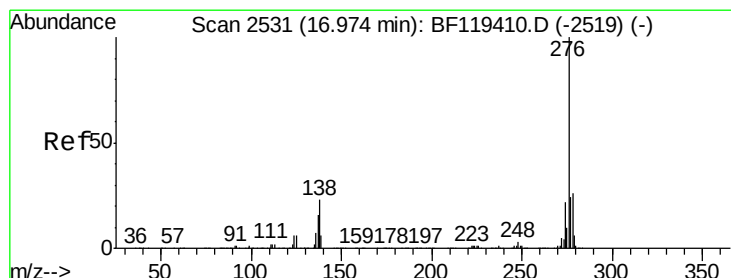
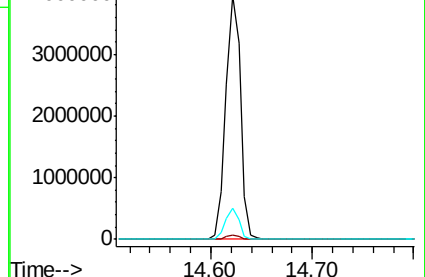
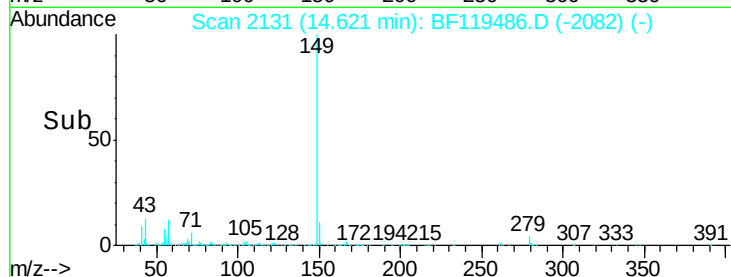
43 12.0 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.293 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 12:12

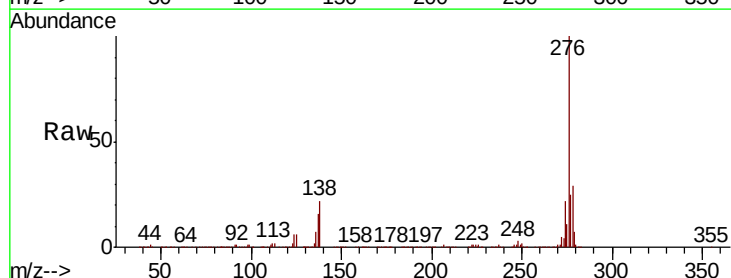
Tgt Ion:276 Resp: 2951404

Ion Ratio Lower Upper

276 100

138 24.9 21.3 31.9

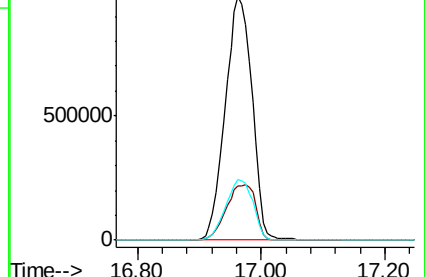
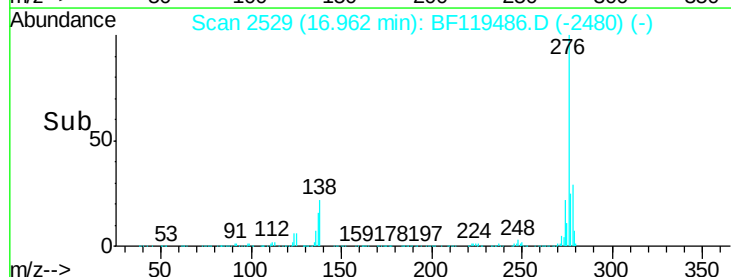
277 25.5 20.2 30.2

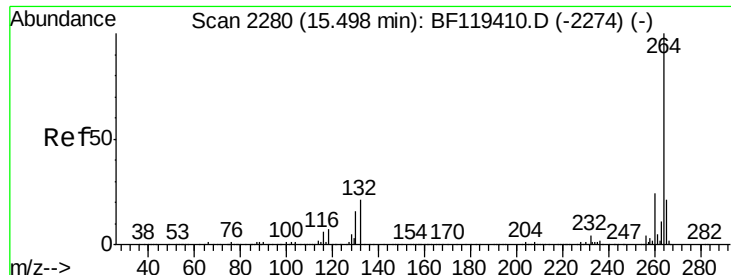


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

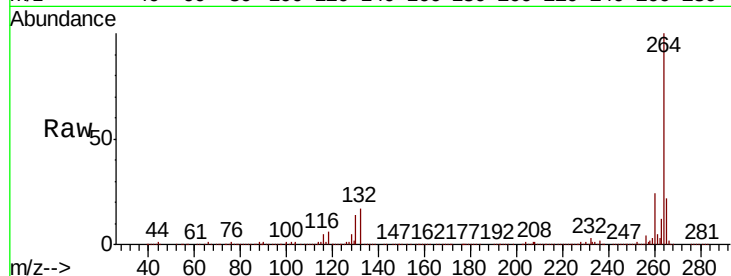




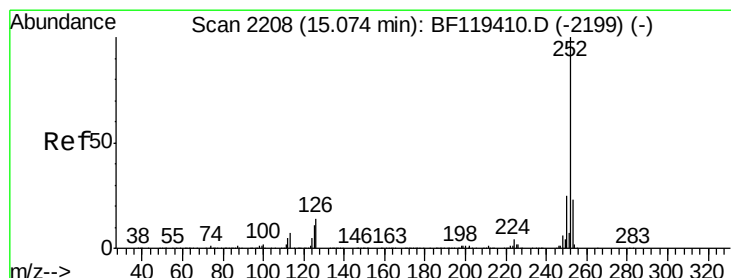
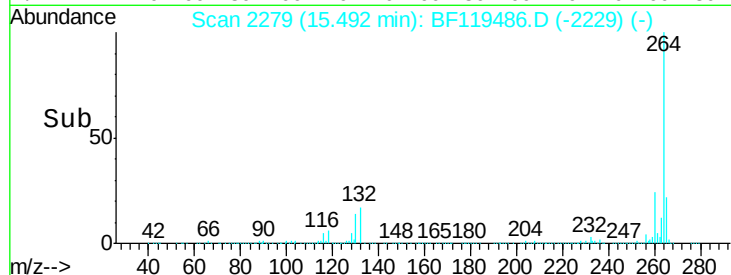
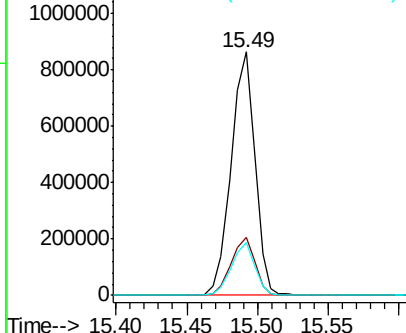
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion:264 Resp: 1020251
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.5 16.9 25.3

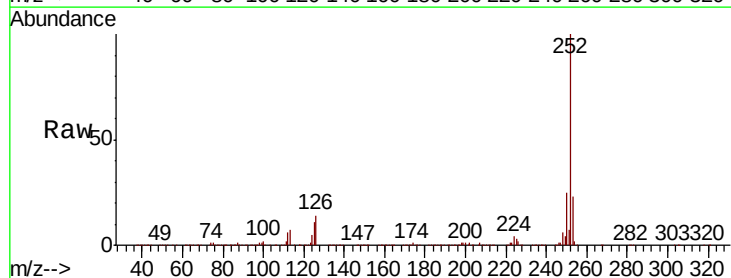


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

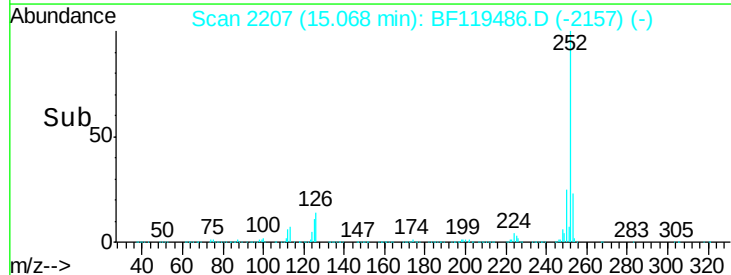
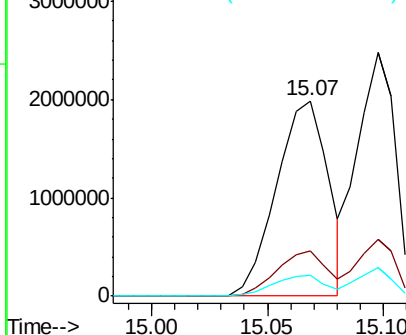


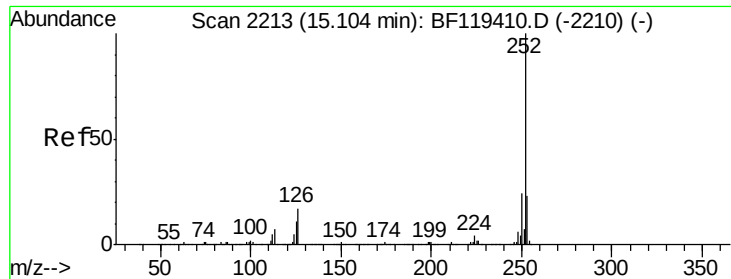
#88
Benzo(b)fluoranthene
Concen: 45.486 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

Tgt Ion:252 Resp: 3099999
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.4
125 10.7 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

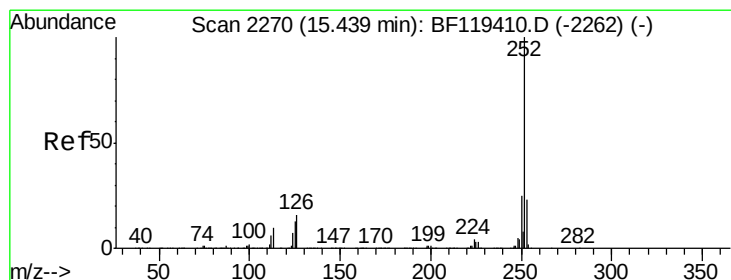
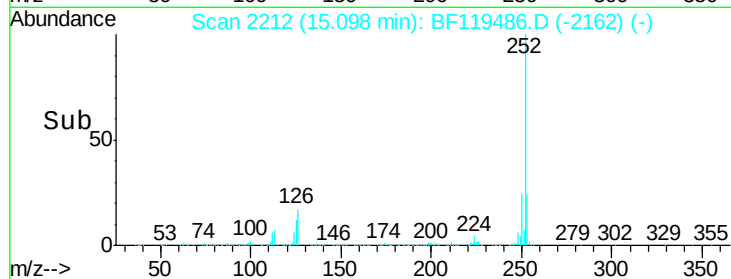
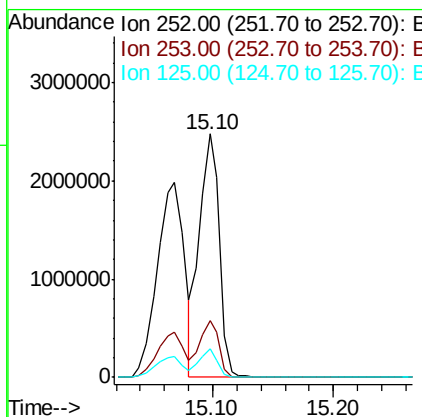
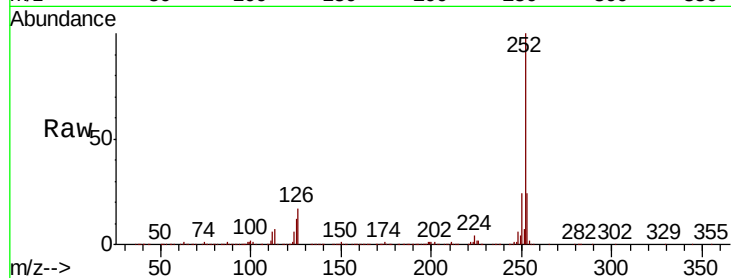




#89
Benzo(k)fluoranthene
Concen: 43.710 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

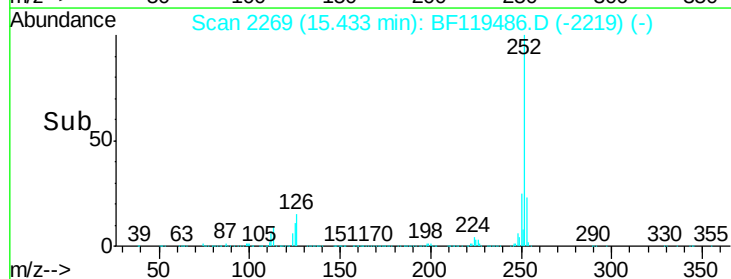
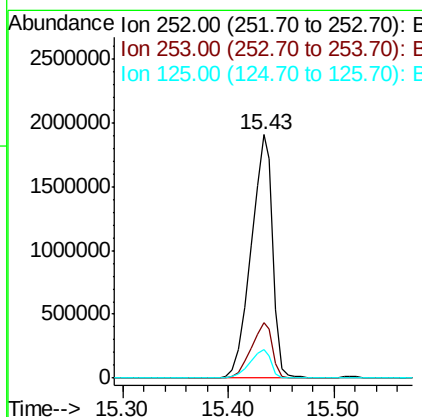
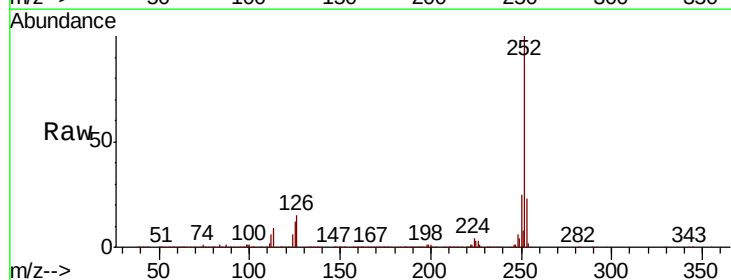
Instrument :
BNA_F
ClientSampleId :
PB127731BSD

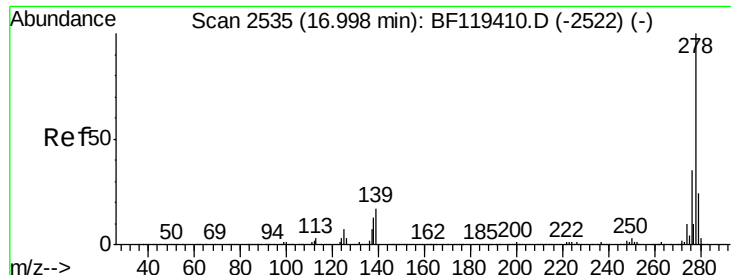
Tot Ion:252 Resp: 2836572
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.4
125 11.5 9.0 13.4



#90
Benzo(a)pyrene
Concen: 43.953 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

Tgt Ion:252 Resp: 2722258
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 11.5 10.2 15.2



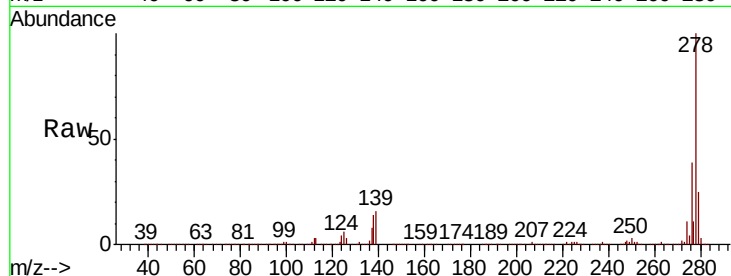


#91
Dibenzo(a,h)anthracene
Concen: 45.456 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

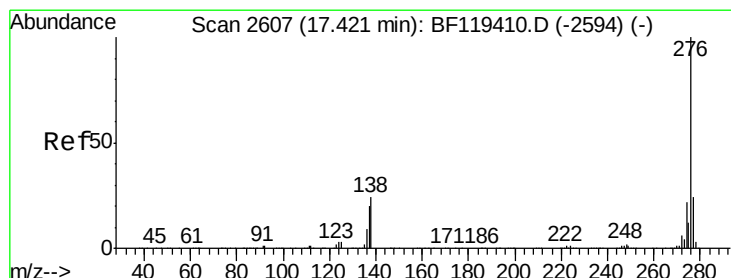
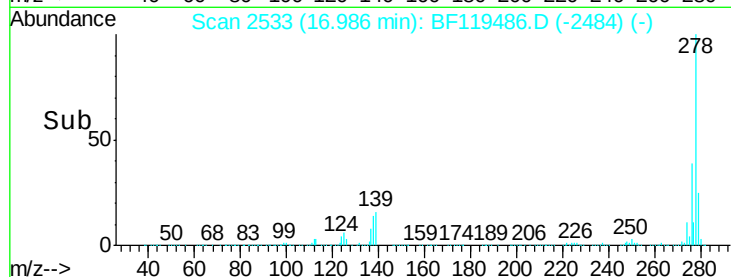
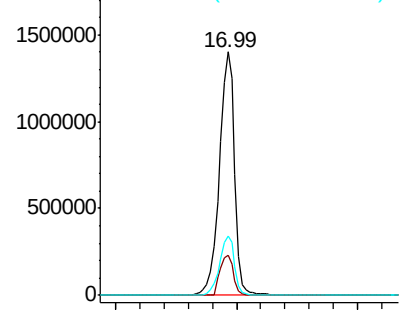
Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion:278 Resp: 2462485

Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.7	20.5
279	24.6	19.2	28.8



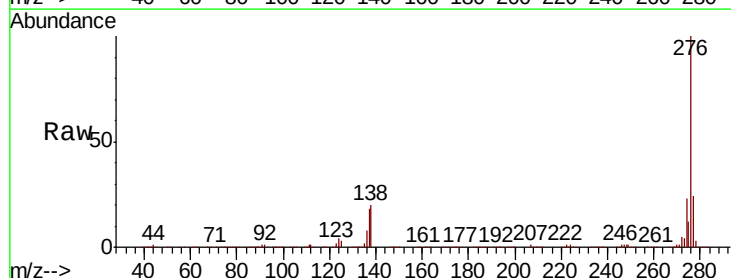
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.831 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 12:12

Tgt Ion:276 Resp: 2385488

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	20.4	19.1	28.7



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

