

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
 Data File : BF119443.D
 Acq On : 19 Mar 2020 17:29
 Operator : CG/JU
 Sample : PB127678BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 19 19:01:14 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	399152	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1567416	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	816383	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1512369	20.00	ng	0.00
76) Chrysene-d12	14.03	240	850732	20.00	ng	0.00
87) Perylene-d12	15.49	264	651639	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	2671319	106.54	ng	0.01
7) Phenol-d6	6.48	99	3453657	107.83	ng	0.00
23) Nitrobenzene-d5	7.42	82	1891334	65.58	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	923872	109.69	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3507625	63.65	ng	0.00
79) Terphenyl-d14	12.97	244	3462666	79.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	419145	33.846	ng	100
3) Pyridine	3.42	79	998713	29.273	ng	97
4) n-Nitrosodimethylamine	3.37	42	633981	38.106	ng	99
6) Aniline	6.52	93	1284816	29.064	ng	98
8) 2-Chlorophenol	6.64	128	1102908	41.880	ng	99
9) Benzaldehyde	6.40	77	419945	20.668	ng	98
10) Phenol	6.49	94	1443617	42.240	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	1117096	40.868	ng	96
12) 1,3-Dichlorobenzene	6.79	146	1142602	40.088	ng	99
13) 1,4-Dichlorobenzene	6.87	146	1152516	40.426	ng	99
14) 1,2-Dichlorobenzene	7.02	146	1083062	40.644	ng	99
15) Benzyl Alcohol	6.99	79	987331	40.979	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	2132774	38.683	ng	98
17) 2-Methylphenol	7.10	107	945639	39.192	ng	99
18) Hexachloroethane	7.37	117	444084	42.505	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	793286	41.090	ng	99
20) 3+4-Methylphenols	7.26	107	1130617	38.235	ng	# 86
22) Acetophenone	7.26	105	1483442	39.608	ng	96
24) Nitrobenzene	7.43	77	1178979	38.252	ng	99
25) Isophorone	7.68	82	2252795	38.507	ng	97
26) 2-Nitrophenol	7.75	139	568859	46.875	ng	98
27) 2,4-Dimethylphenol	7.79	122	1065372	42.456	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	1400033	40.469	ng	98
29) 2,4-Dichlorophenol	7.99	162	942024	40.857	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	1004621	39.399	ng	99
31) Naphthalene	8.16	128	3144327	38.982	ng	99
32) Benzoic acid	7.92	122	566836	35.117	ng	94
33) 4-Chloroaniline	8.20	127	840047	22.728	ng	97
34) Hexachlorobutadiene	8.28	225	564200	39.547	ng	99
35) Caprolactam	8.58	113	177567	23.532	ng	88
36) 4-Chloro-3-methylphenol	8.69	107	1004165	39.848	ng	98
37) 2-Methylnaphthalene	8.85	142	2134308	40.318	ng	98
38) 1-Methylnaphthalene	8.95	142	2028844	40.491	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	898459	37.547	ng	99

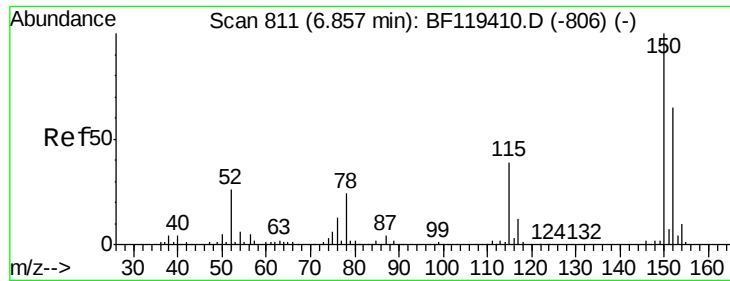
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	970476	71.338	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	702358	41.016	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	696062	36.286	ng	97
46) 1,1'-Biphenyl	9.32	154	2531401	38.072	ng	99
47) 2-Chloronaphthalene	9.35	162	1977650	37.971	ng	98
48) 2-Nitroaniline	9.43	65	709520	39.468	ng	99
49) Acenaphthylene	9.76	152	3082770	37.692	ng	99
50) Dimethylphthalate	9.62	163	2264364	39.049	ng	99
51) 2,6-Dinitrotoluene	9.68	165	498727	40.125	ng	91
52) Acenaphthene	9.93	154	2025879	39.732	ng	99
53) 3-Nitroaniline	9.85	138	411136	26.201	ng	99
54) 2,4-Dinitrophenol	9.95	184	360610	68.227	ng	94
55) Dibenzofuran	10.10	168	2788074	38.139	ng	98
56) 4-Nitrophenol	10.01	139	954208	77.084	ng	95
57) 2,4-Dinitrotoluene	10.09	165	638934	40.806	ng	98
58) Fluorene	10.45	166	2034781	37.640	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	590356	41.172	ng	99
60) Diethylphthalate	10.32	149	2331490	39.615	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	995730	37.666	ng	100
62) 4-Nitroaniline	10.47	138	525624	34.931	ng	96
63) Azobenzene	10.60	77	2260243	38.137	ng	94
65) 4,6-Dinitro-2-methylphenol	10.49	198	270841	42.707	ng	97
66) n-Nitrosodiphenylamine	10.56	169	1946799	39.211	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	668437	38.809	ng	93
68) Hexachlorobenzene	11.00	284	711036	40.335	ng	94
69) Atrazine	11.09	200	599517	44.046	ng	99
70) Pentachlorophenol	11.19	266	761056	73.628	ng	99
71) Phenanthrene	11.41	178	2983799	38.049	ng	99
72) Anthracene	11.46	178	3032339	38.046	ng	99
73) Carbazole	11.62	167	2821947	35.771	ng	98
74) Di-n-butylphthalate	11.95	149	3388549	40.153	ng	97
75) Fluoranthene	12.60	202	3143041	37.034	ng	99
77) Benzidine	12.72	184	572104	15.890	ng	98
78) Pyrene	12.83	202	3145374	45.051	ng	99
80) Butylbenzylphthalate	13.45	149	1320571	46.765	ng	99
81) Benzo(a)anthracene	14.02	228	2212562	39.994	ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	728723	33.408	ng	99
83) Chrysene	14.06	228	2279868	39.932	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1645752	48.889	ng	100
85) Di-n-octyl phthalate	14.63	149	2592048	43.782	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	2135079	39.706	ng	99
88) Benzo(b)fluoranthene	15.07	252	1910654	43.893	ng	98
89) Benzo(k)fluoranthene	15.10	252	1785421	43.075	ng	99
90) Benzo(a)pyrene	15.43	252	1650283	41.717	ng	98
91) Dibenzo(a,h)anthracene	16.99	278	1745368	50.443	ng	99
92) Benzo(g,h,i)perylene	17.42	276	1909643	54.936	ng	99

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

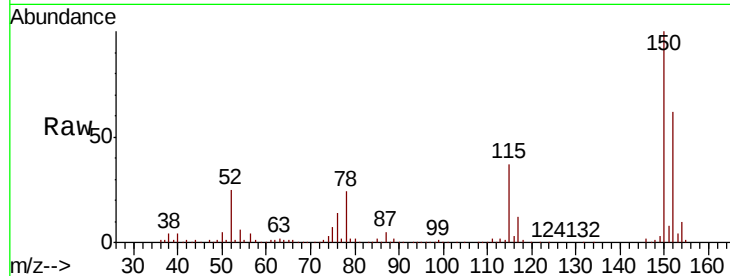


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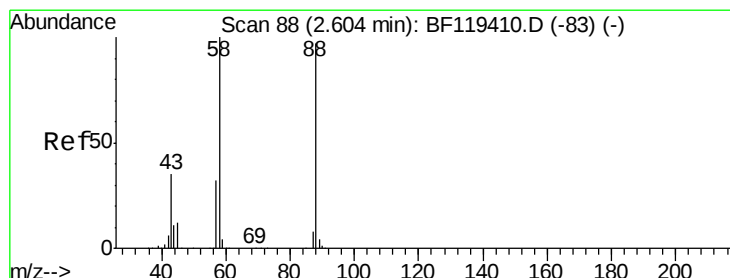
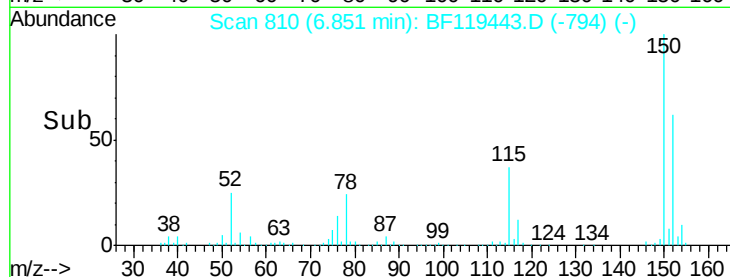
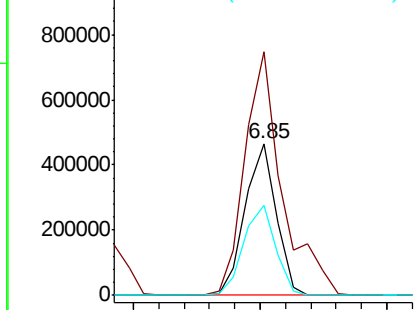
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	123.9	185.9
115	59.2	47.8	71.6



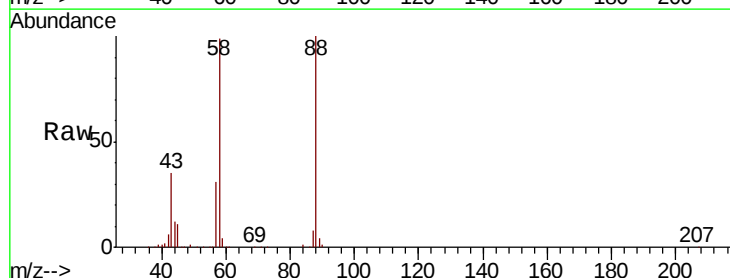
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



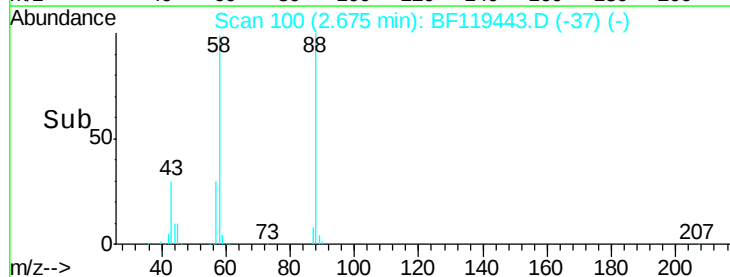
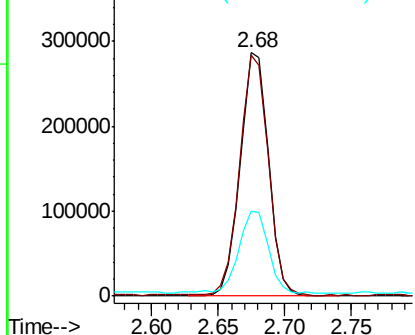
#2

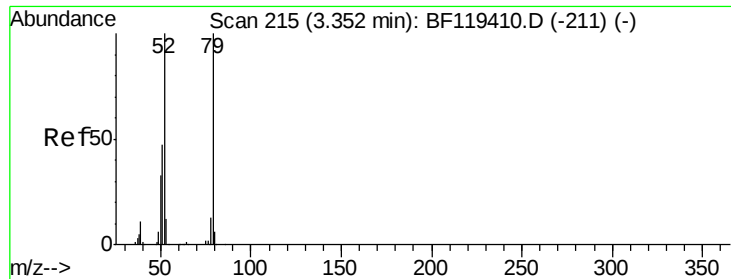
1,4-Dioxane
Concen: 33.846 ng
RT: 2.68 min Scan# 100
Delta R.T. 0.07 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.5	79.4	119.2
43	36.2	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

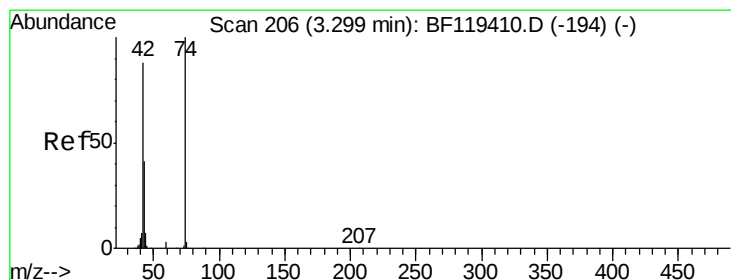
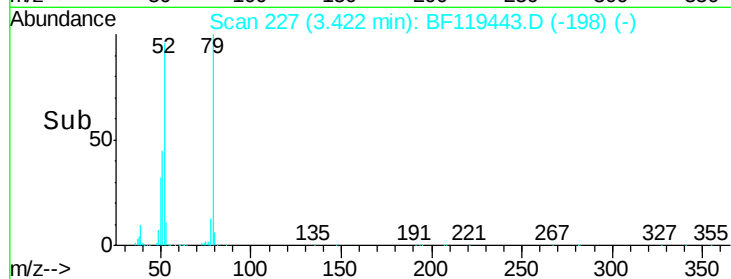
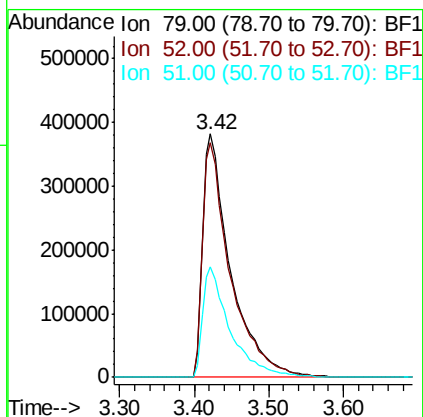
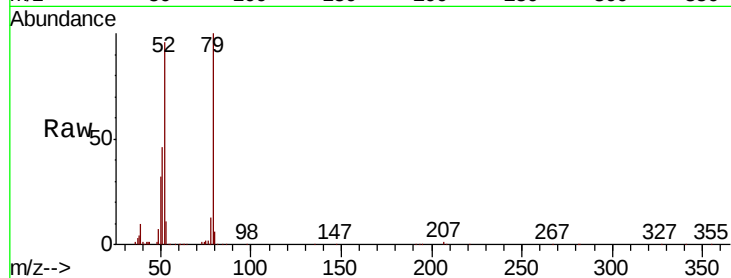




#3
 Pvridine
 Concen: 29.273 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.07 min
 Lab File: BF119443.D
 Acq: 19 Mar 2020 17:29

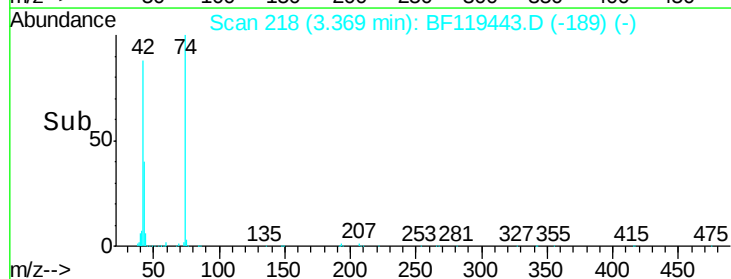
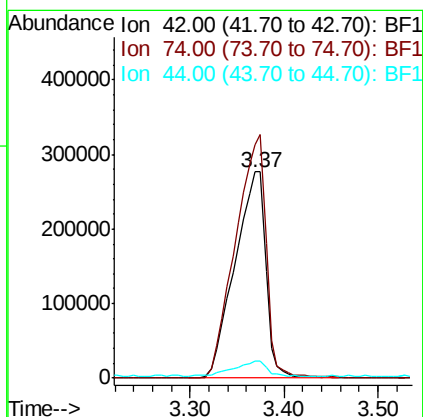
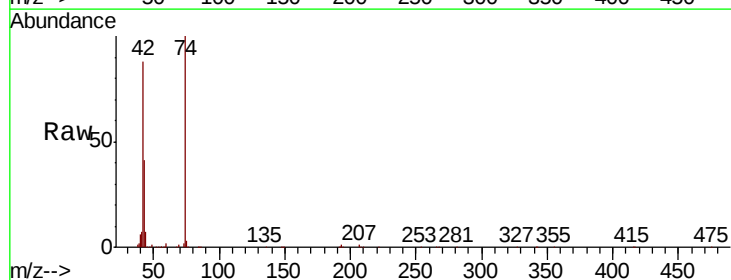
Instrument :
 BNA_N
 ClientSampled :

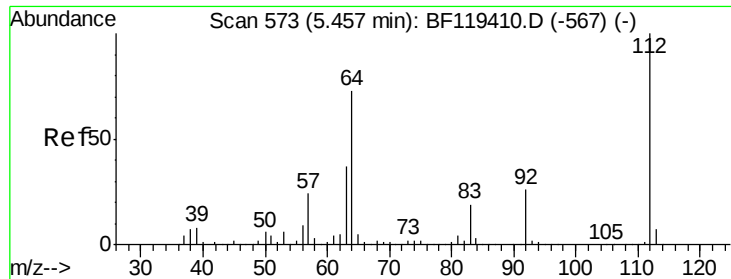
Tot Ion: 79 Resp: 998713
 Ion Ratio Lower Upper
 79 100
 52 96.4 80.0 120.0
 51 45.6 37.9 56.9



#4
 n-Nitrosodimethylamine
 Concen: 38.106 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.07 min
 Lab File: BF119443.D
 Acq: 19 Mar 2020 17:29

Tgt Ion: 42 Resp: 633981
 Ion Ratio Lower Upper
 42 100
 74 113.4 91.3 136.9
 44 8.0 7.1 10.7





#5

2-Fluorophenol

Concen: 106.538 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

Instrument :

BNA_N

ClientSampleId :

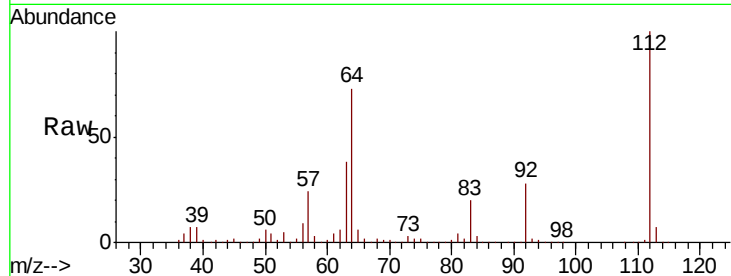
Tot Ion:112 Resp: 2671319

Ion Ratio Lower Upper

112 100

64 73.2 58.1 87.1

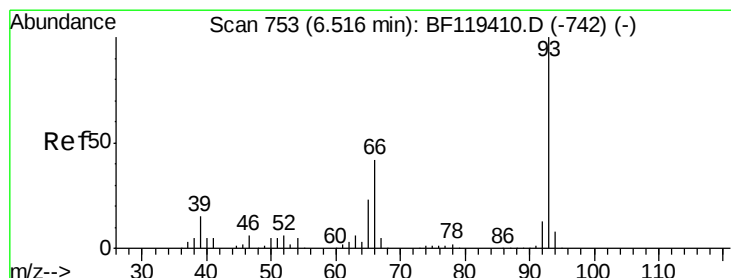
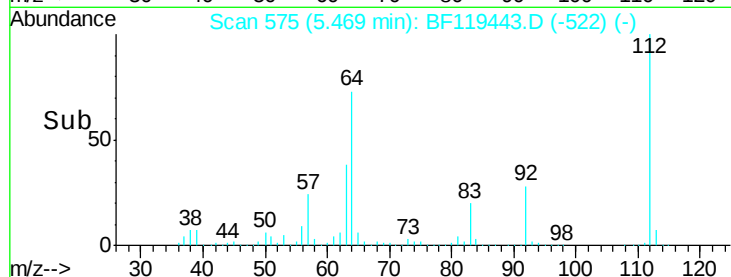
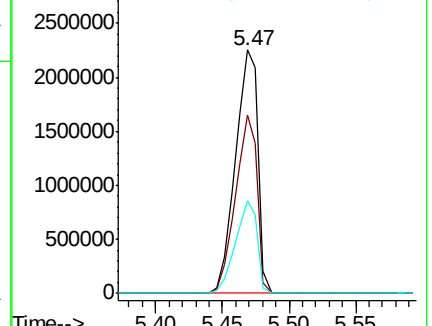
63 38.0 29.7 44.5



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: 29.064 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

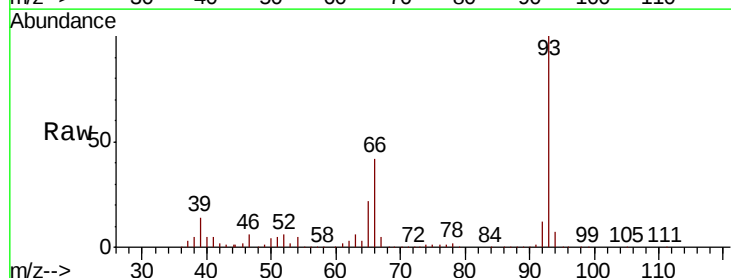
Tgt Ion: 93 Resp: 1284816

Ion Ratio Lower Upper

93 100

66 41.8 34.2 51.4

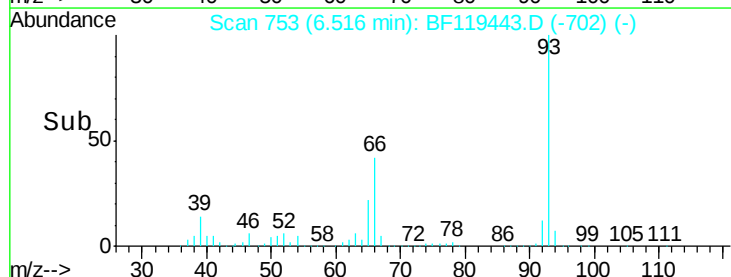
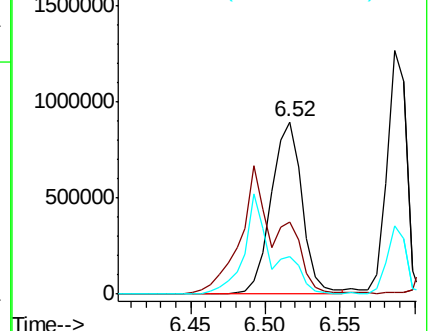
65 21.8 18.2 27.4

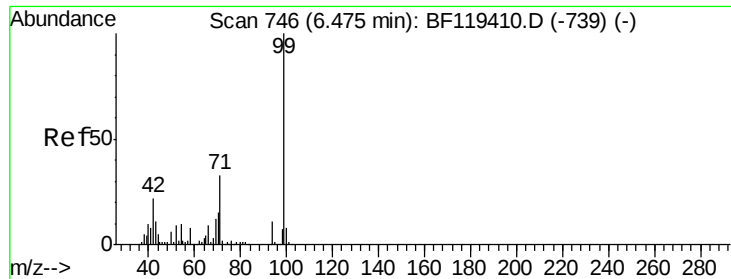


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.825 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

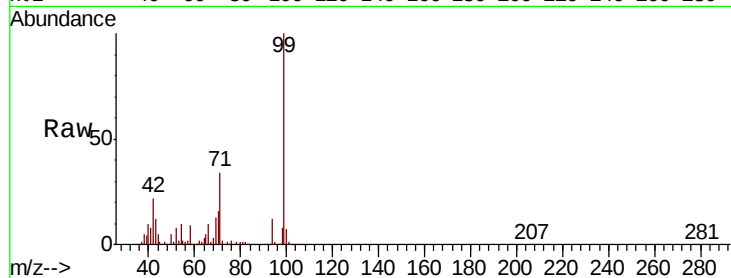
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 99 Resp: 3453657

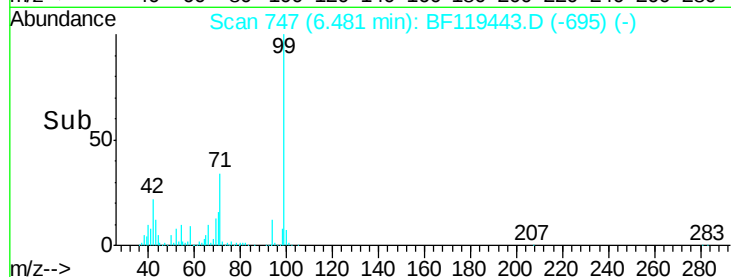
Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.8	26.6
71	34.3	26.0	39.0



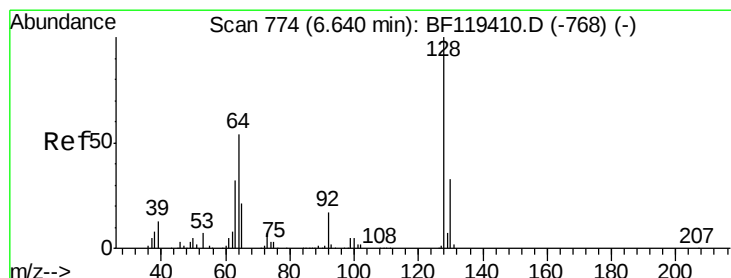
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#8

2-Chlorophenol

Concen: 41.880 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

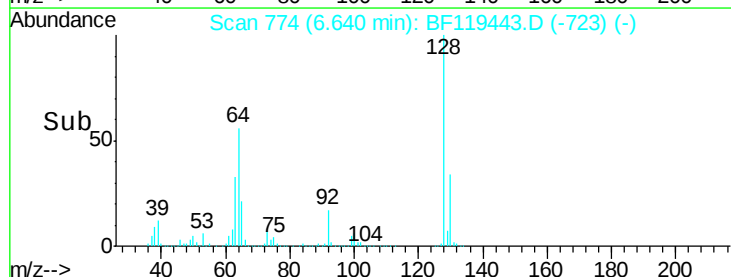
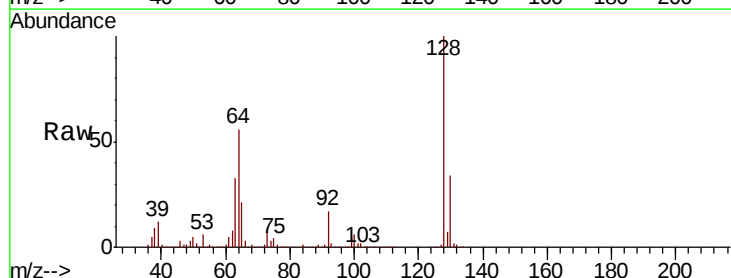
Tgt Ion:128 Resp: 1102908

Ion	Ratio	Lower	Upper
128	100		
130	33.8	13.0	53.0
64	55.8	35.1	75.1

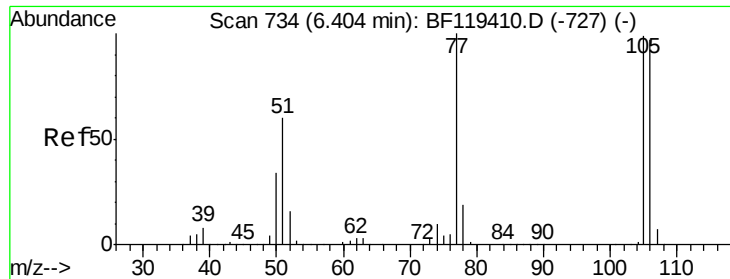
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



Time-->



#9

Benzaldehyde

Concen: 20.668 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

Instrument :

BNA_N

ClientSampleId :

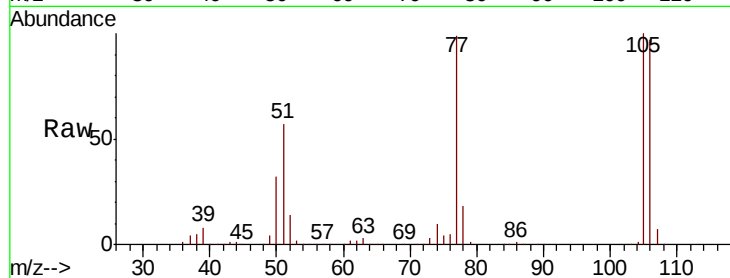
Tot Ion: 77 Resp: 419945

Ion Ratio Lower Upper

77 100

105 100.9 78.6 118.6

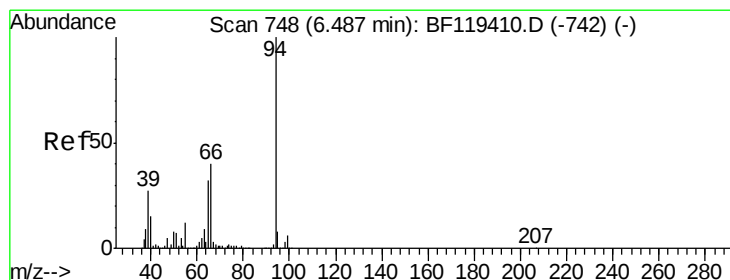
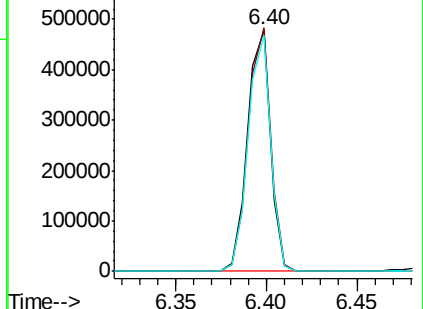
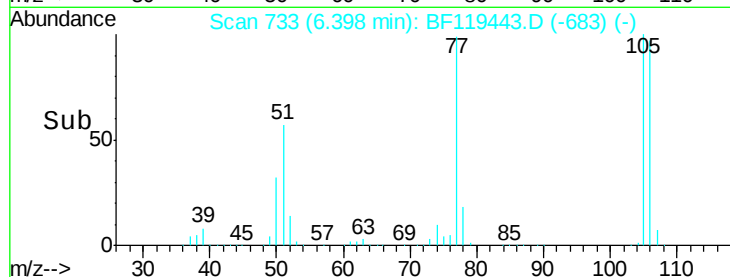
106 97.6 76.5 116.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.240 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

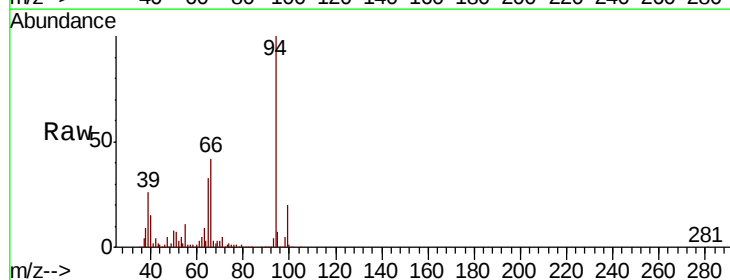
Tgt Ion: 94 Resp: 1443617

Ion Ratio Lower Upper

94 100

65 32.8 12.0 52.0

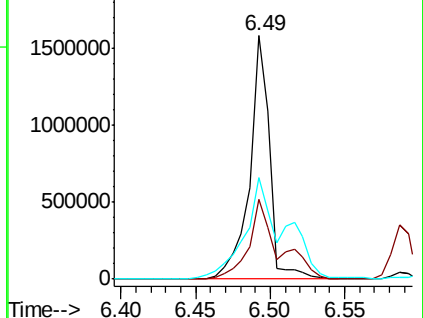
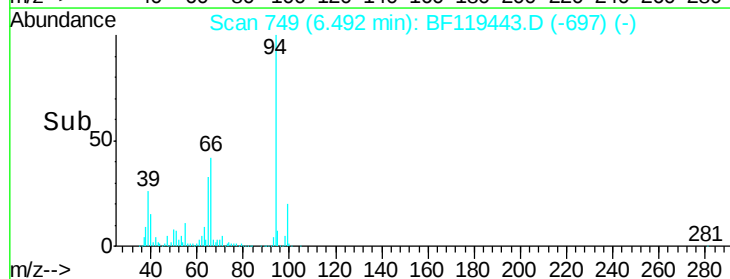
66 41.9 20.6 60.6

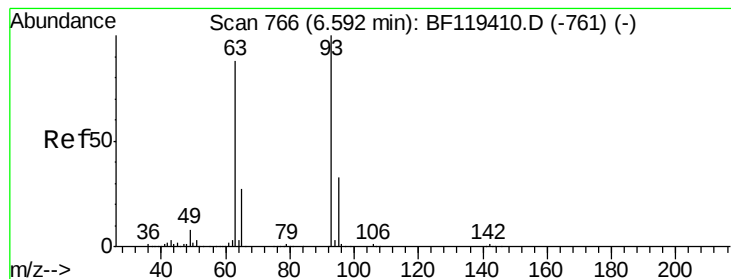


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.868 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

Instrument :

BNA_N

ClientSampleId :

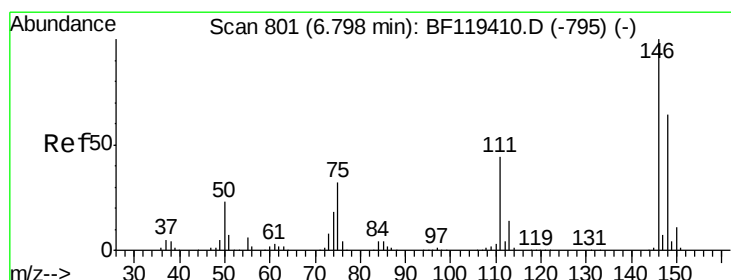
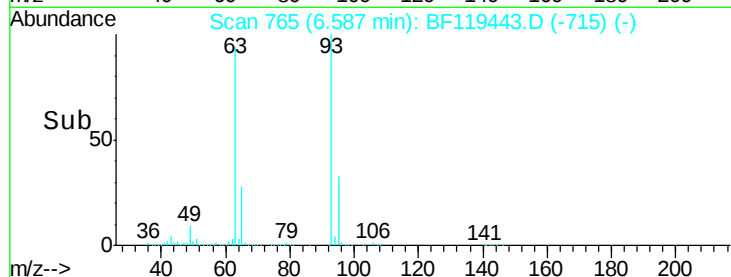
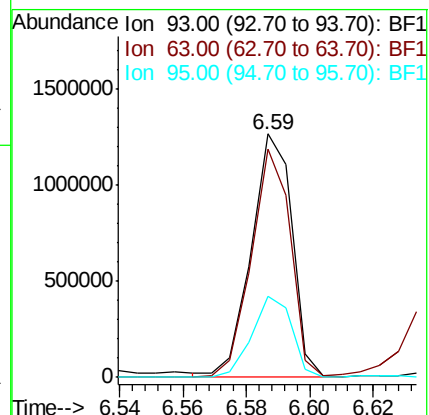
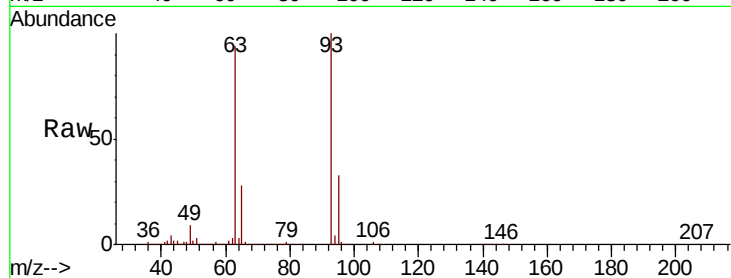
Tot Ion: 93 Resp: 1117096

Ion Ratio Lower Upper

93 100

63 94.0 68.4 108.4

95 33.2 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 40.088 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

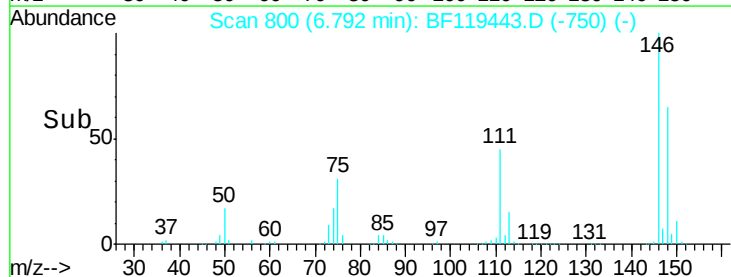
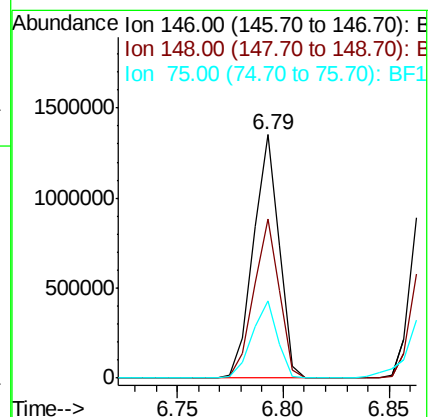
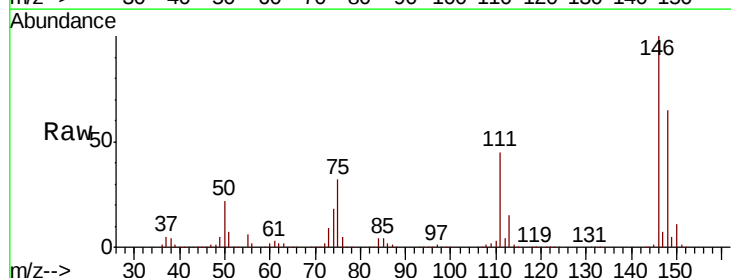
Tgt Ion: 146 Resp: 1142602

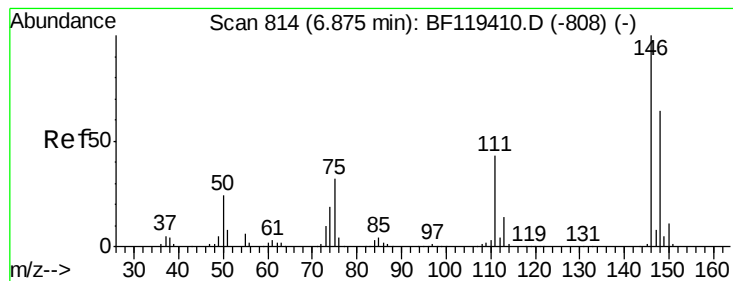
Ion Ratio Lower Upper

146 100

148 65.4 51.4 77.0

75 32.0 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 40.426 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

Instrument :

BNA_N

ClientSampleId :

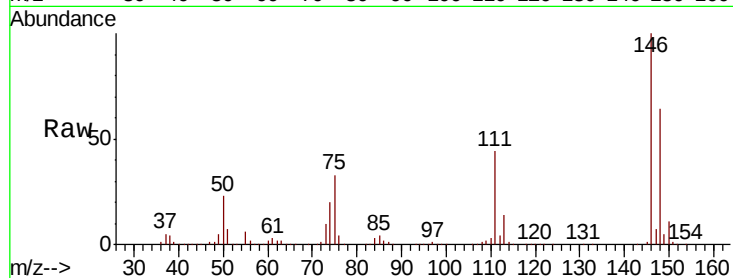
Tot Ion:146 Resp: 1152516

Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

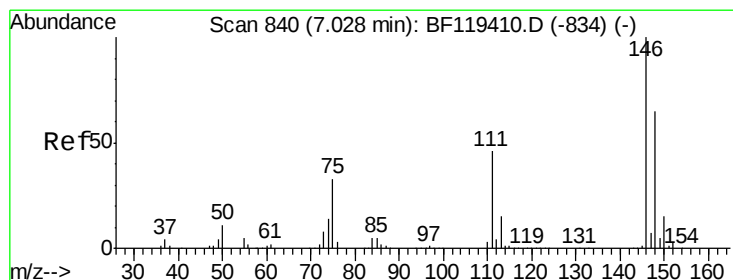
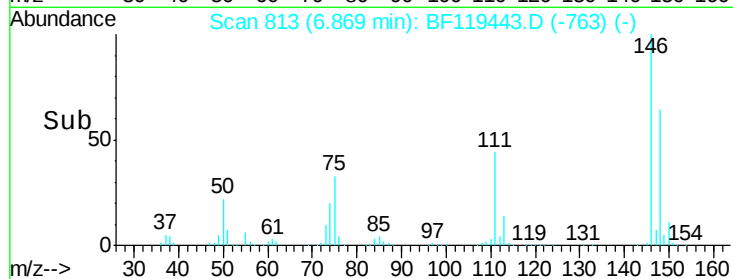
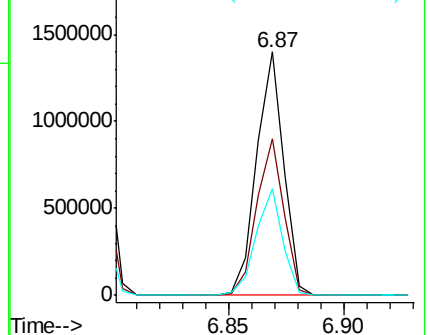
111 43.7 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.644 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

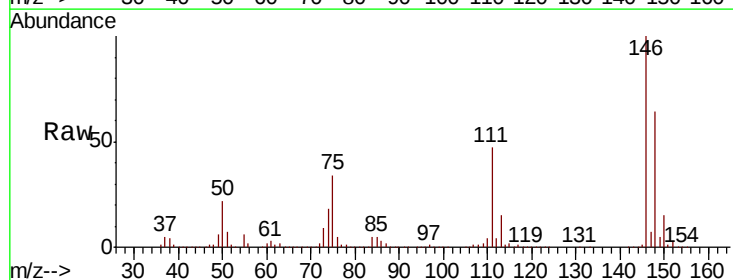
Tgt Ion:146 Resp: 1083062

Ion Ratio Lower Upper

146 100

148 64.4 51.7 77.5

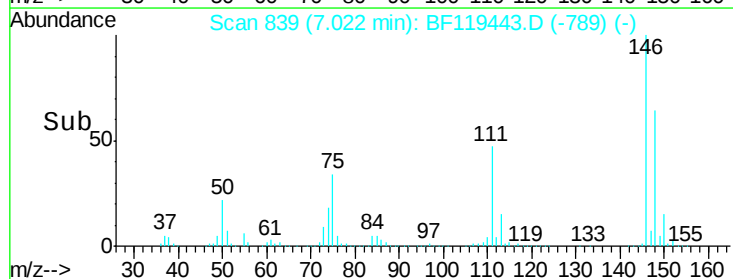
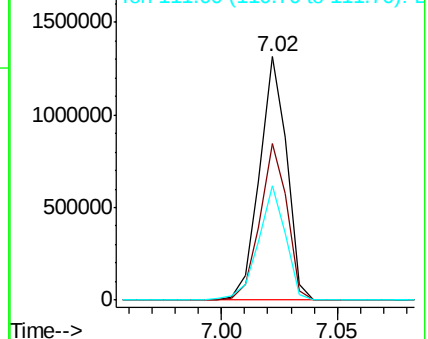
111 47.0 36.4 54.6

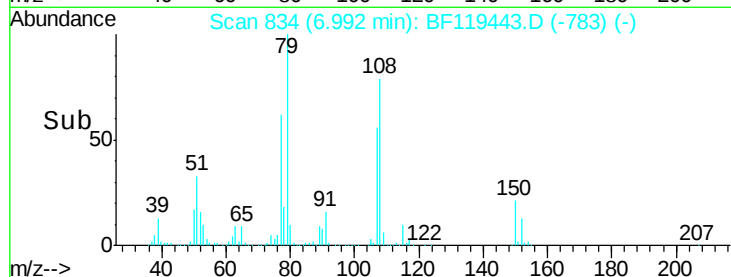
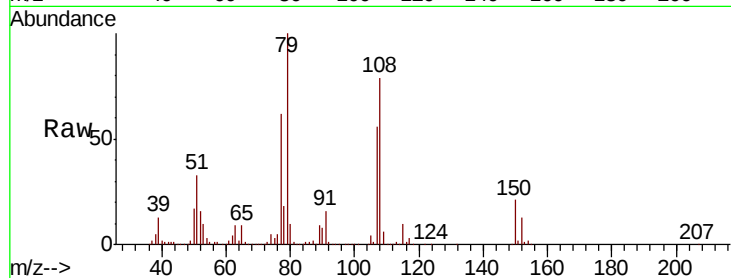
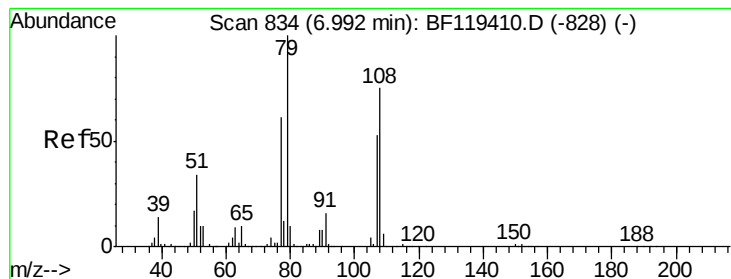


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.979 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

Instrument :

BNA_N

ClientSampleId :

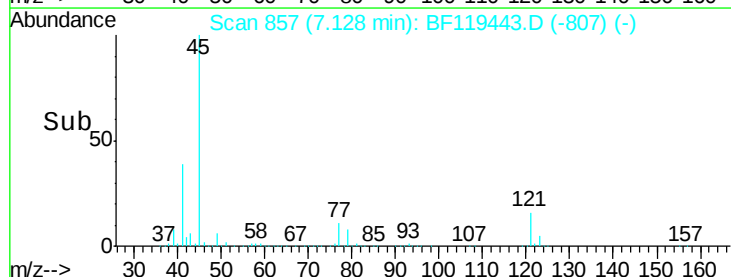
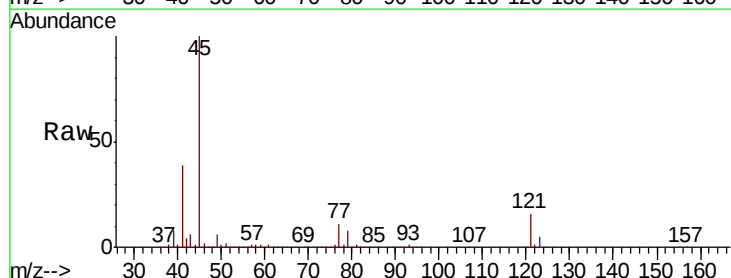
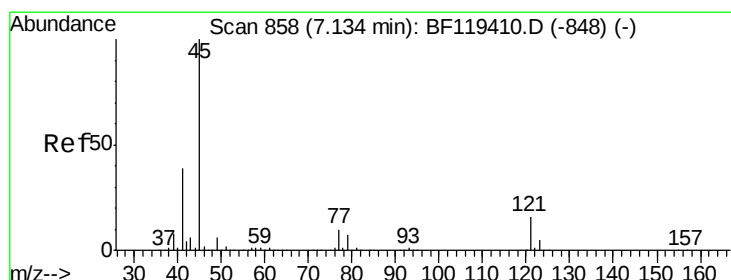
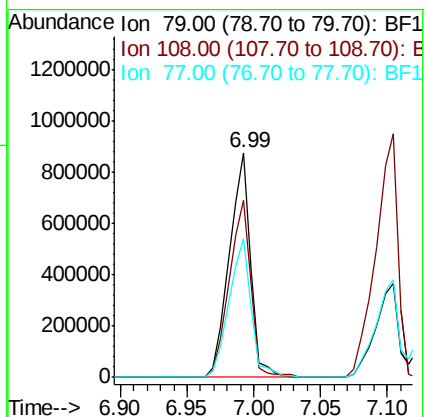
Tot Ion: 79 Resp: 987331

Ion Ratio Lower Upper

79 100

108 79.0 60.4 90.6

77 61.6 49.0 73.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.683 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

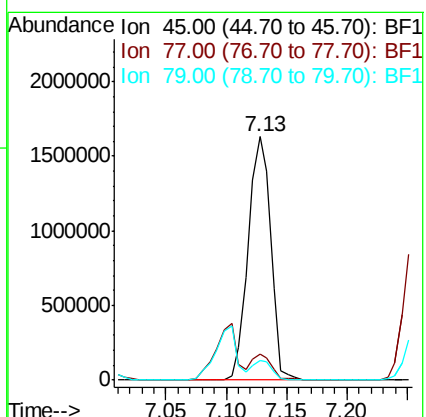
Tgt Ion: 45 Resp: 2132774

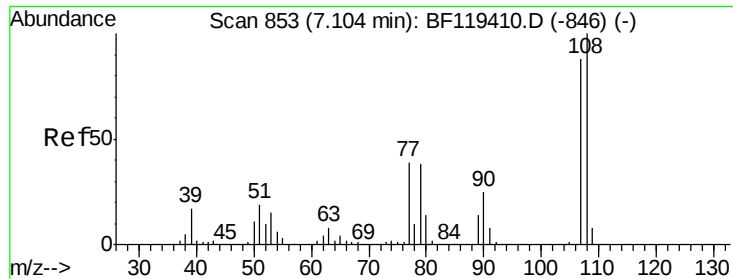
Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.1

79 8.0 0.0 27.4

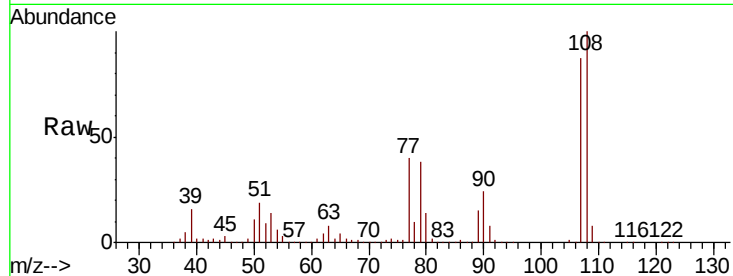




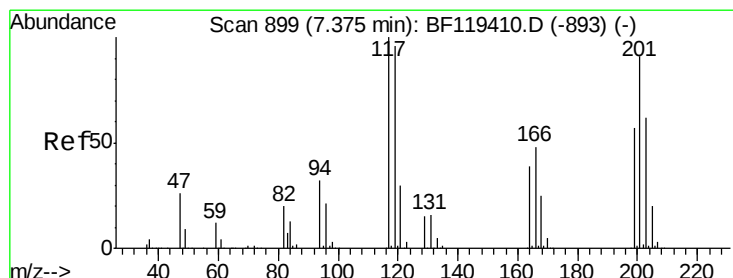
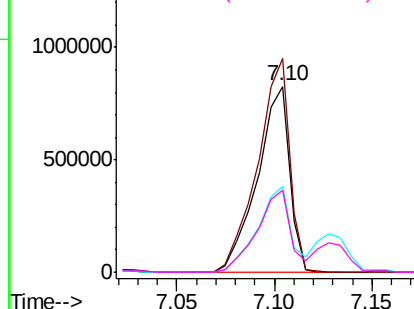
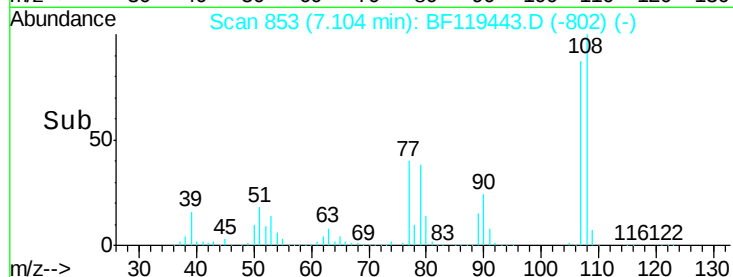
#17
2-Methylphenol
Concen: 39.192 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

Instrument :
BNA_N
ClientSampled :

Tot Ion:107 Resp: 945639
Ion Ratio Lower Upper
107 100
108 114.7 90.7 136.1
77 45.8 35.6 53.4
79 44.1 34.7 52.1

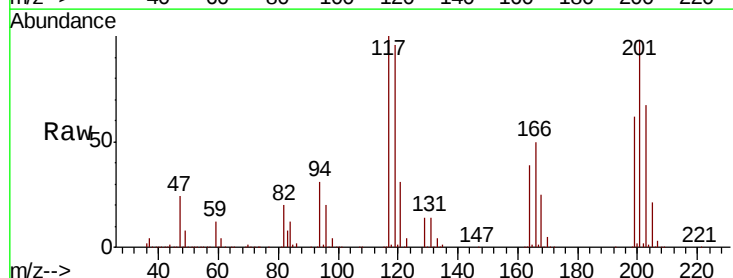


Abundance Ion 107.00 (106.70 to 107.70): E
1500000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

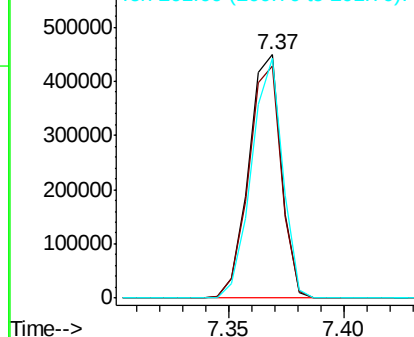
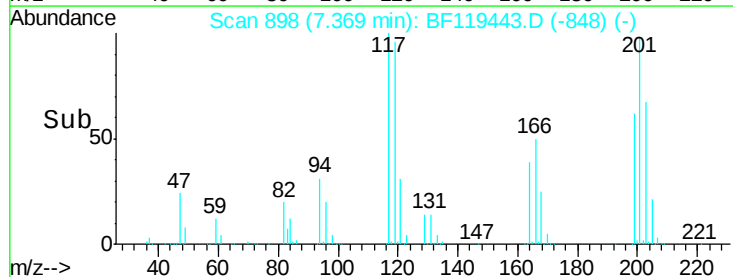


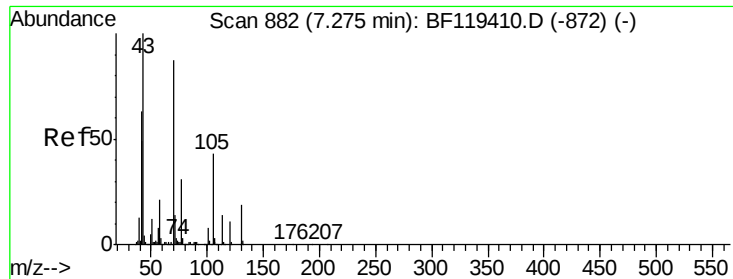
#18
Hexachloroethane
Concen: 42.505 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

Tgt Ion:117 Resp: 444084
Ion Ratio Lower Upper
117 100
119 95.5 76.8 115.2
201 98.3 72.5 108.7



Abundance Ion 117.00 (116.70 to 117.70): E
600000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

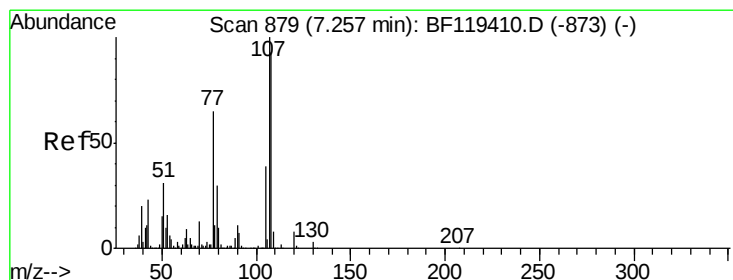
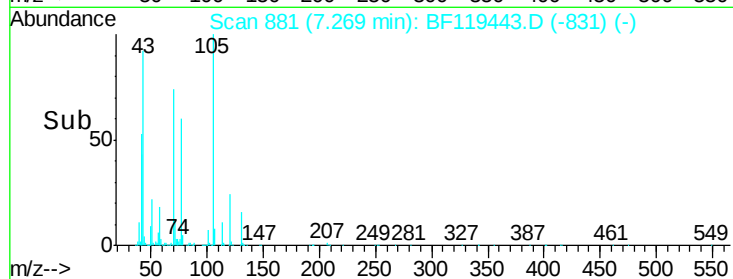
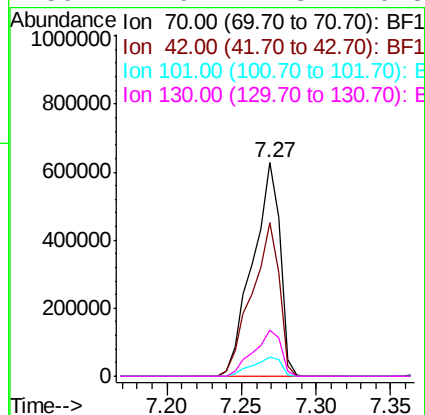
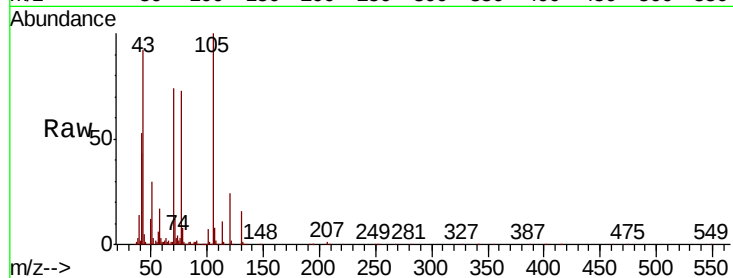




#19
n-Nitroso-di-n-propylamine
Concen: 41.090 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

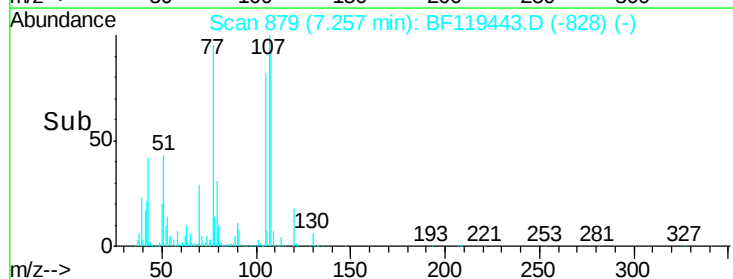
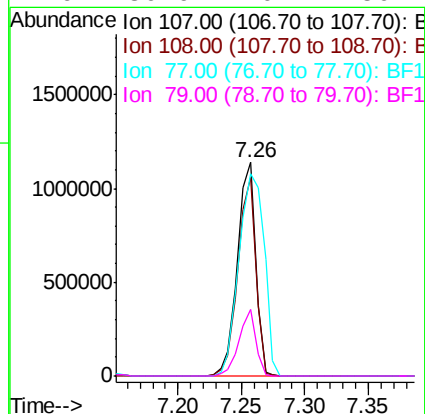
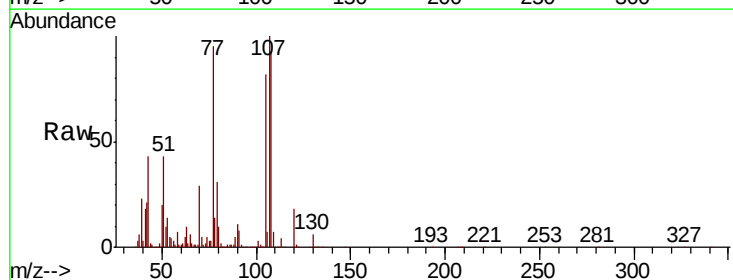
Instrument :
BNA_N
ClientSampleId :

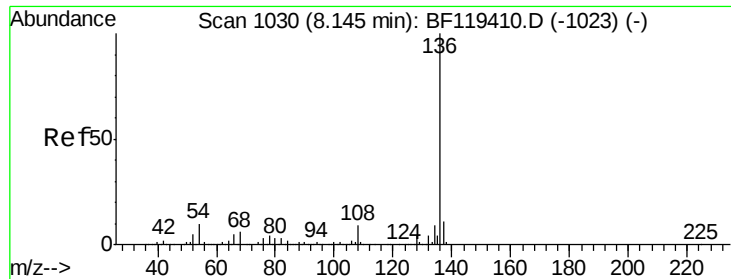
Tot Ion: 70 Resp: 793286
Ion Ratio Lower Upper
70 100
42 71.9 58.2 87.4
101 9.0 7.4 11.2
130 21.9 17.8 26.8



#20
3+4-Methylphenols
Concen: 38.235 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

Tgt Ion:107 Resp: 1130617
Ion Ratio Lower Upper
107 100
108 93.0 72.6 112.6
77 94.6 44.7 84.7#
79 30.9 10.2 50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 1567416

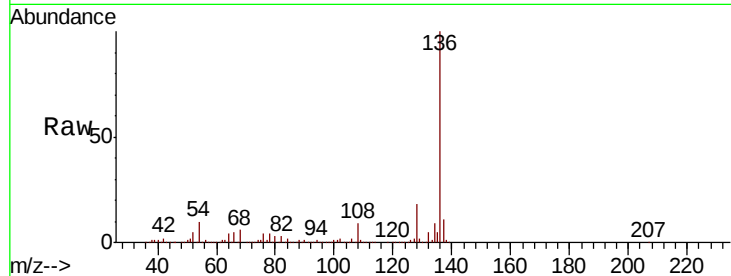
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 10.3 8.3 12.5

68 5.8 4.9 7.3

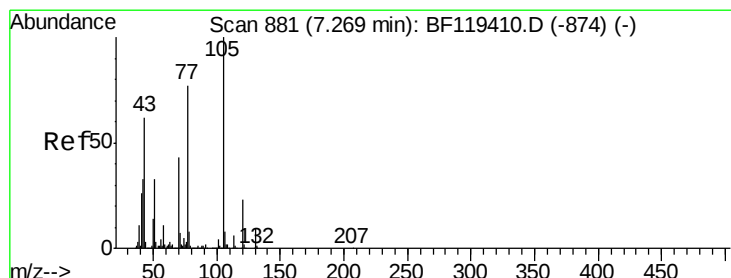
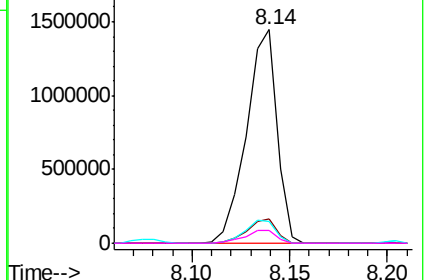
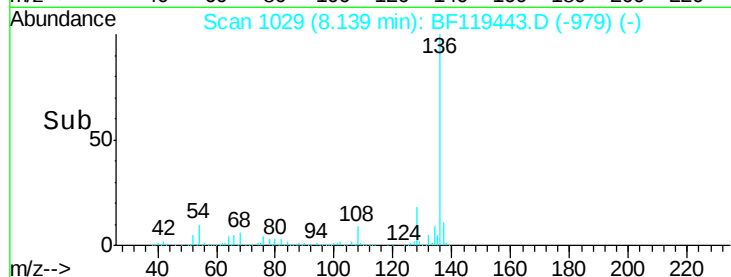


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.608 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

Tgt Ion:105 Resp: 1483442

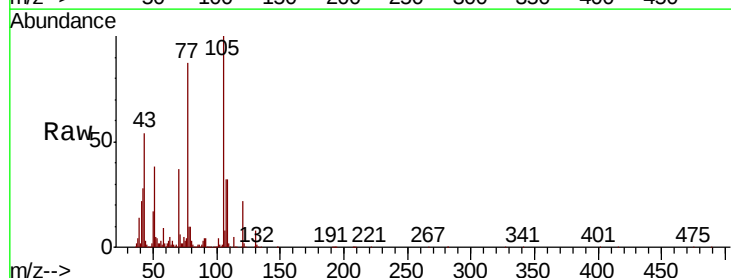
Ion Ratio Lower Upper

105 100

71 6.5 5.8 8.6

51 37.7 26.8 40.2

120 22.1 18.0 27.0

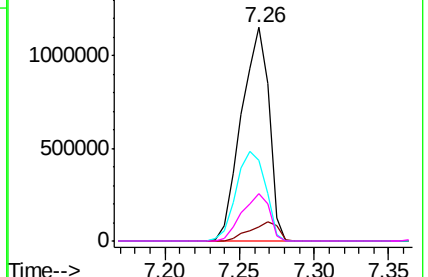
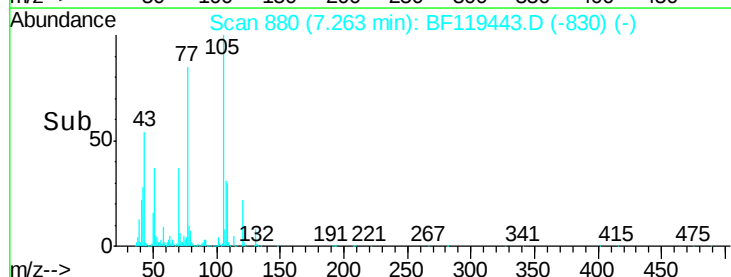


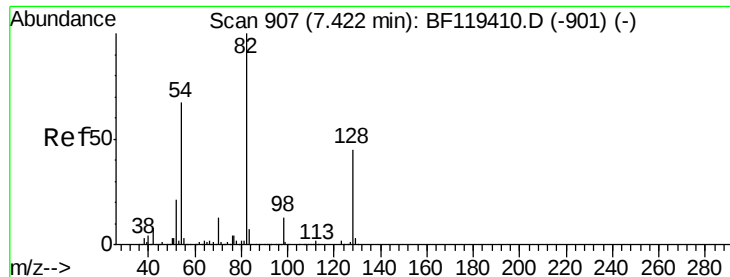
Abundance Ion 105.00 (104.70 to 105.70): E

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

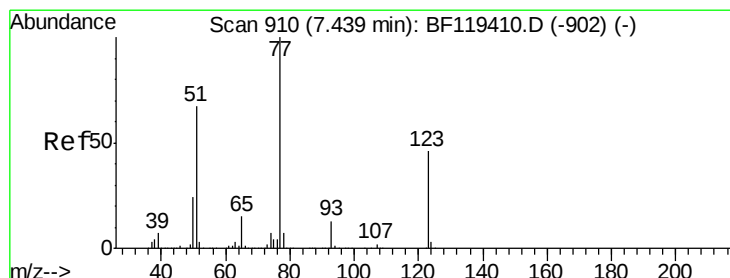
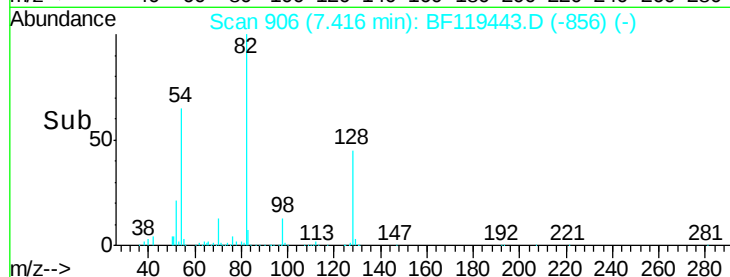
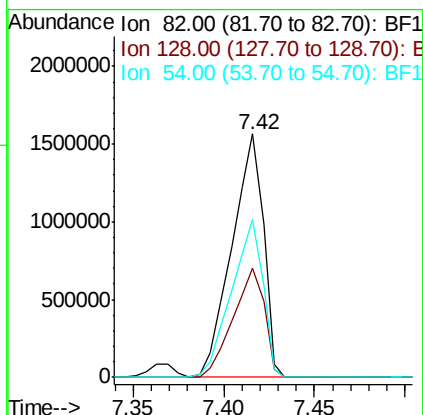
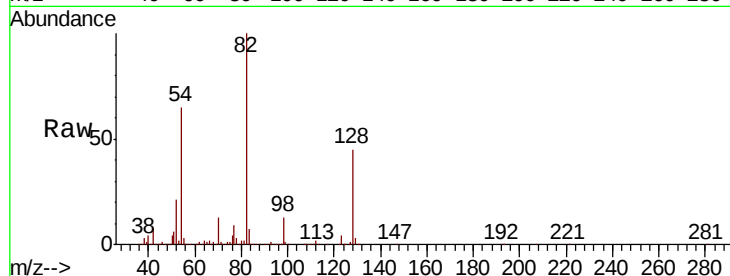




#23
 Nitrobenzene-d5
 Concen: 65.579 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF119443.D
 Acq: 19 Mar 2020 17:29

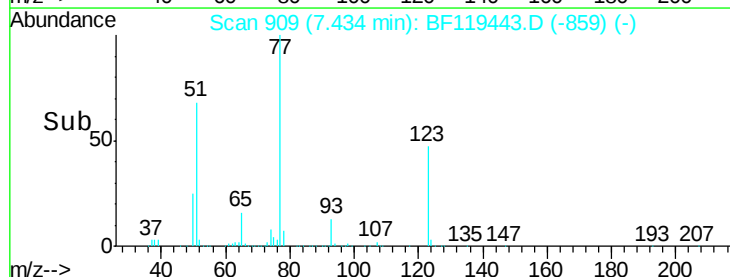
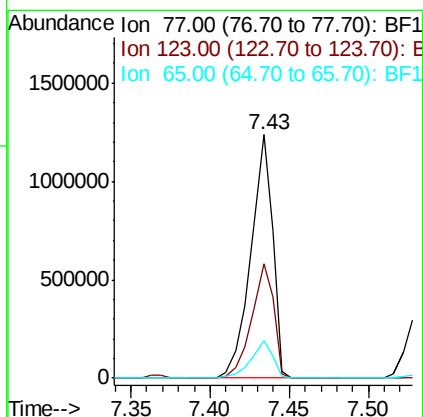
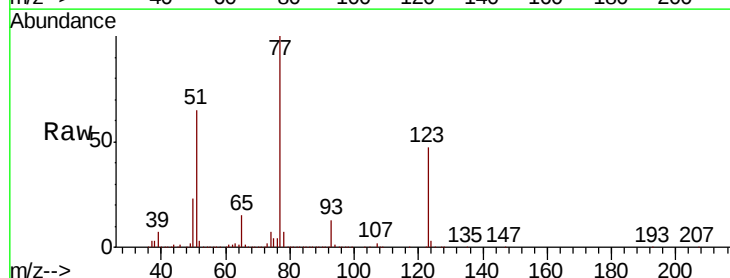
Instrument :
 BNA_N
 ClientSampleId :

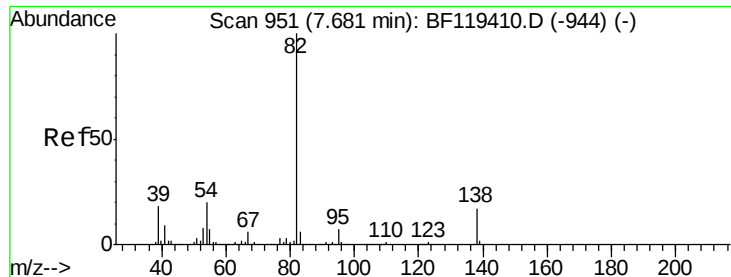
Tot Ion: 82 Resp: 1891334
 Ion Ratio Lower Upper
 82 100
 128 45.0 35.8 53.8
 54 64.8 53.4 80.0



#24
 Nitrobenzene
 Concen: 38.252 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF119443.D
 Acq: 19 Mar 2020 17:29

Tgt Ion: 77 Resp: 1178979
 Ion Ratio Lower Upper
 77 100
 123 47.1 36.9 55.3
 65 15.4 12.2 18.4





#25

Isophorone

Concen: 38.507 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

Instrument :

BNA_N

ClientSampleId :

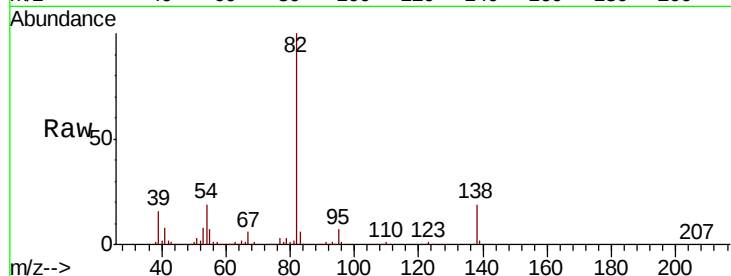
Tot Ion: 82 Resp: 2252795

Ion Ratio Lower Upper

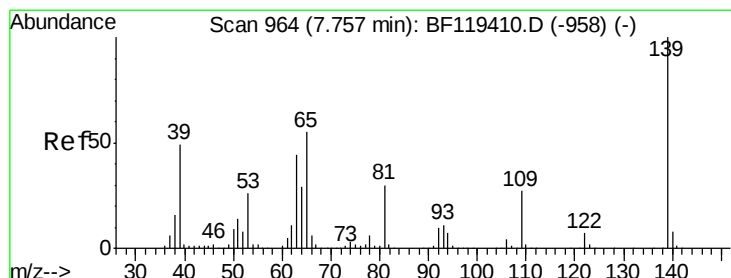
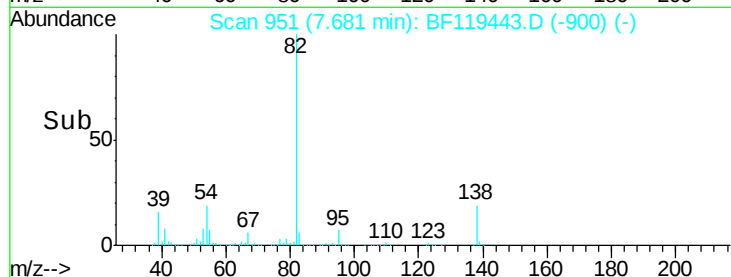
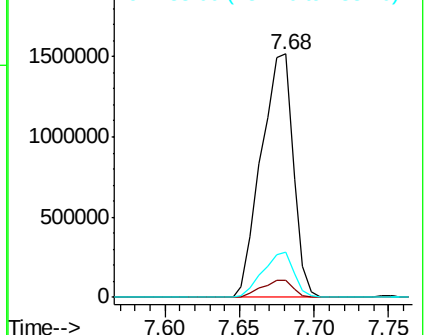
82 100

95 7.2 5.4 8.2

138 18.8 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.875 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

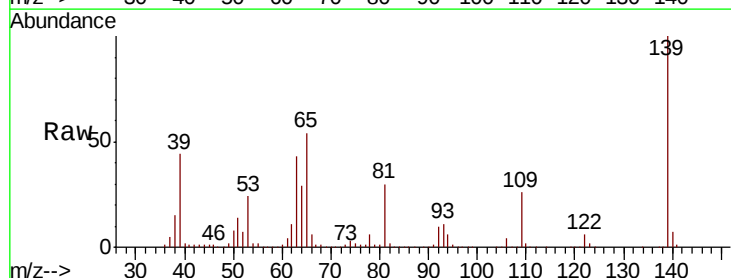
Tgt Ion: 139 Resp: 568859

Ion Ratio Lower Upper

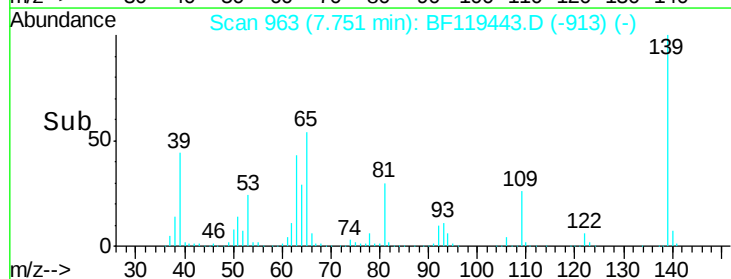
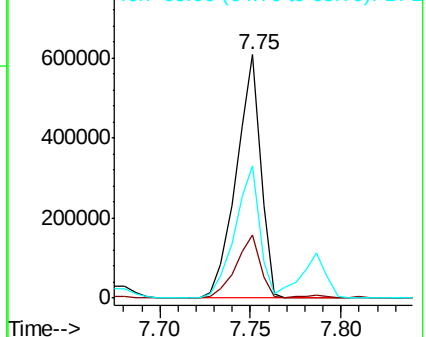
139 100

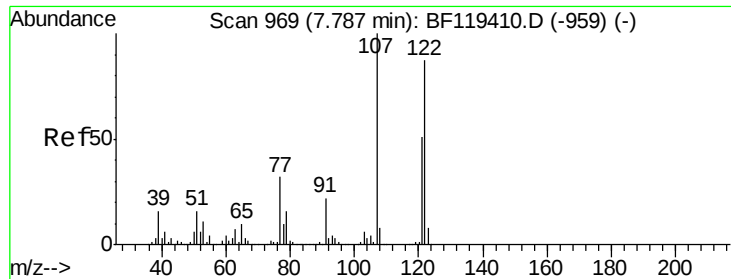
109 25.8 21.7 32.5

65 54.1 43.9 65.9



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

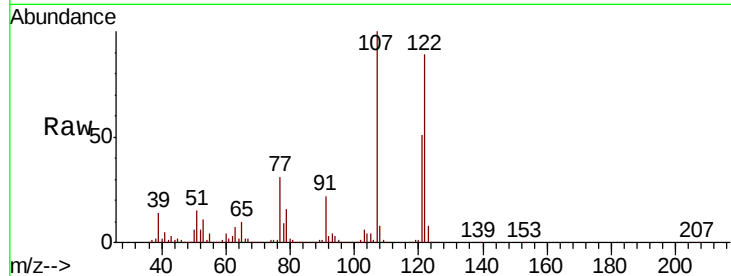




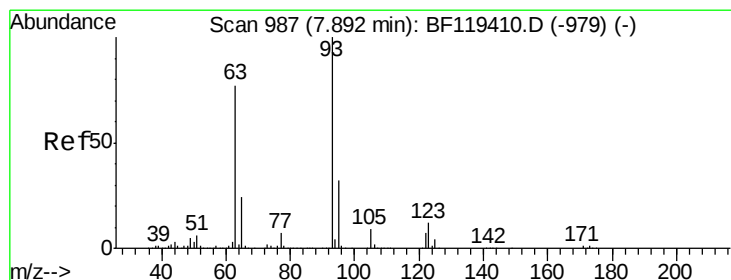
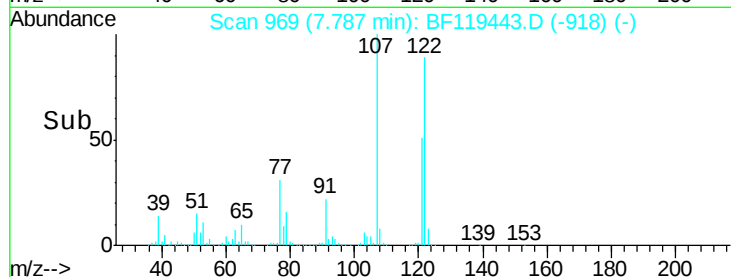
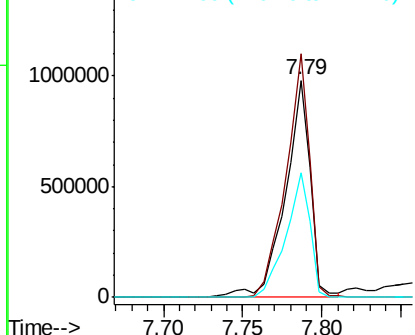
#27
 2,4-Dimethylphenol
 Concen: 42.456 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF119443.D
 Acq: 19 Mar 2020 17:29

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:122 Resp: 1065372
 Ion Ratio Lower Upper
 122 100
 107 112.1 91.8 137.6
 121 57.6 46.5 69.7

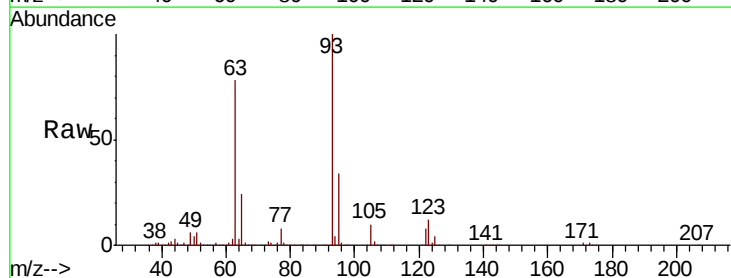


Abundance Ion 122.00 (121.70 to 122.70): E
 1500000 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

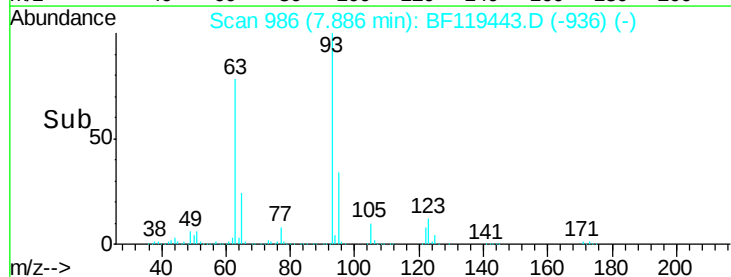
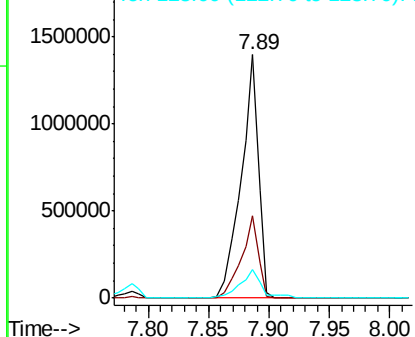


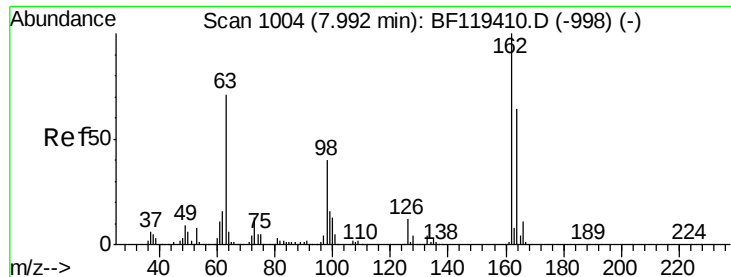
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.469 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF119443.D
 Acq: 19 Mar 2020 17:29

Tgt Ion: 93 Resp: 1400033
 Ion Ratio Lower Upper
 93 100
 95 34.0 26.0 39.0
 123 11.7 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

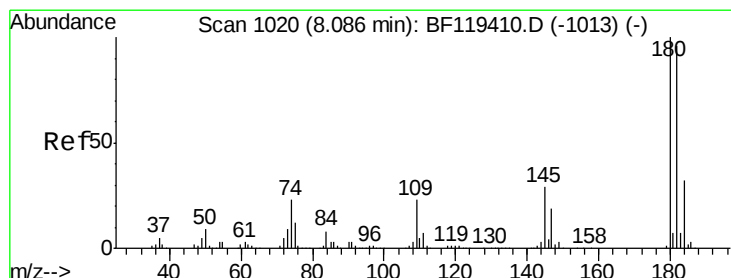
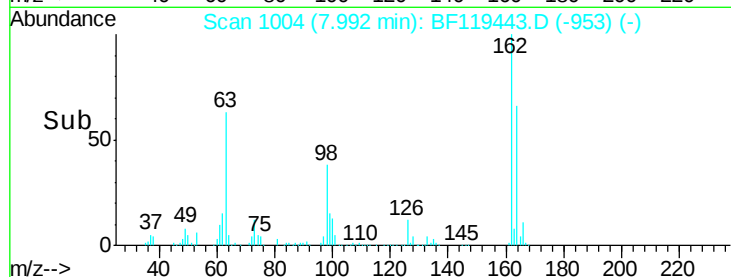
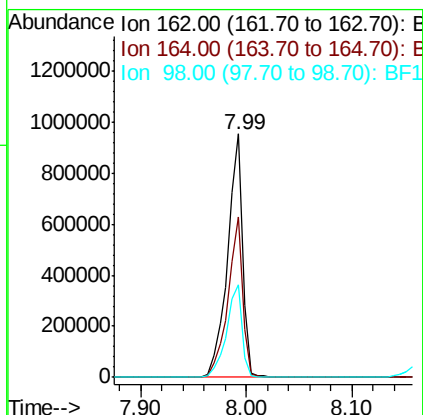
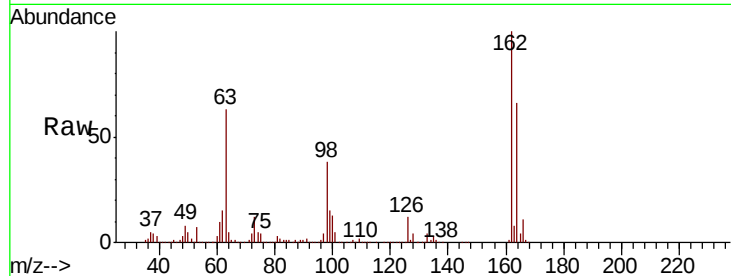




#29
 2,4-Dichlorophenol
 Concen: 40.857 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF119443.D
 Acq: 19 Mar 2020 17:29

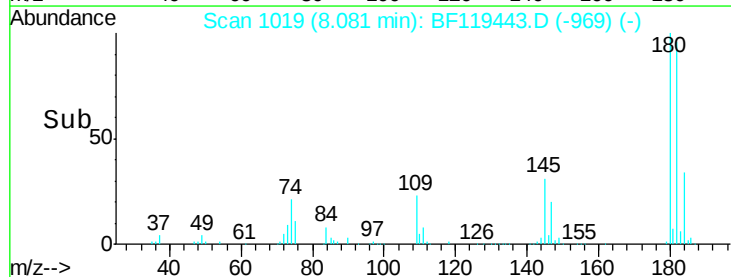
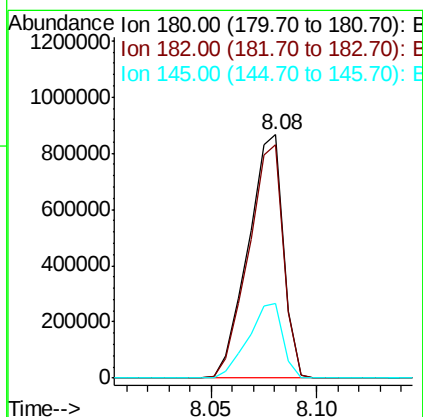
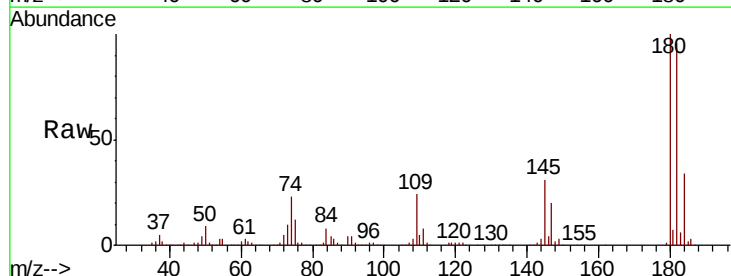
Instrument :
 BNA_N
 ClientSampleId :

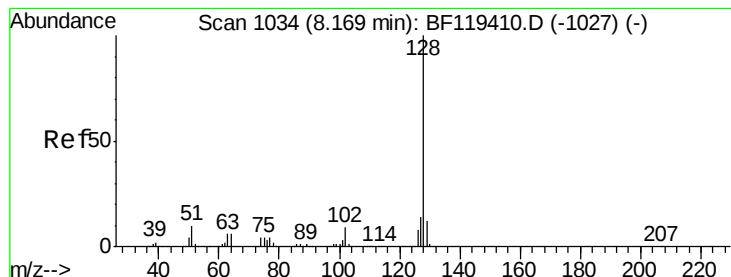
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	43.6	83.6
98	38.3	20.4	60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 39.399 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF119443.D
 Acq: 19 Mar 2020 17:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.6	115.0
145	30.9	23.2	34.8





#31

Naphthalene

Concen: 38.982 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

Instrument :

BNA_N

ClientSampleId :

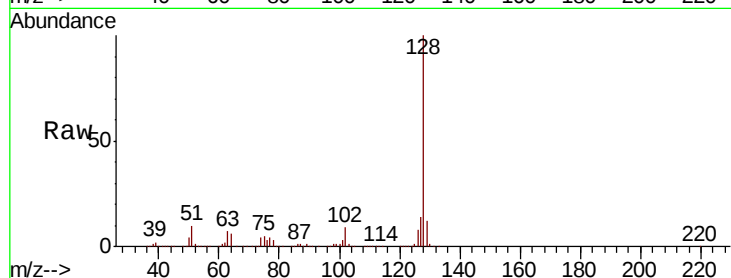
Tot Ion:128 Resp: 3144327

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

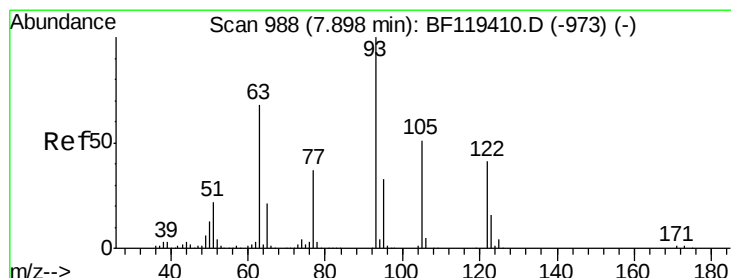
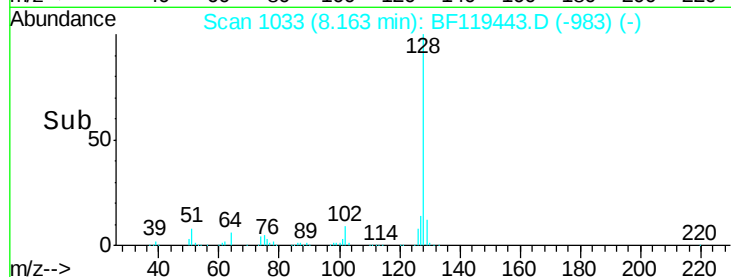
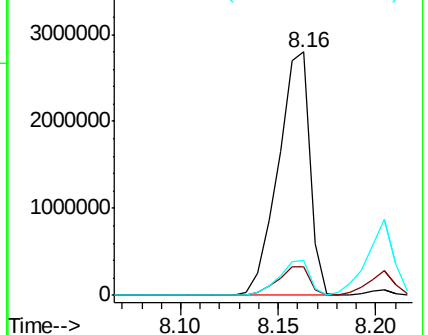
127 14.2 11.0 16.4



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: 35.117 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.02 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

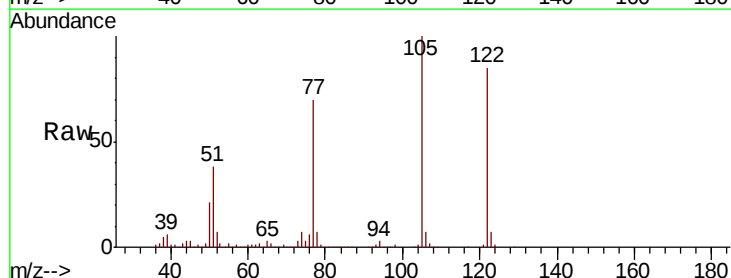
Tgt Ion:122 Resp: 566836

Ion Ratio Lower Upper

122 100

105 117.6 102.9 142.9

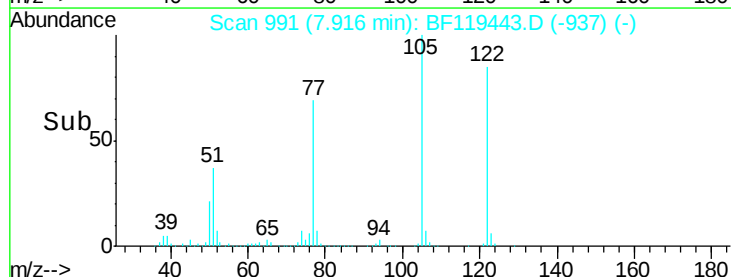
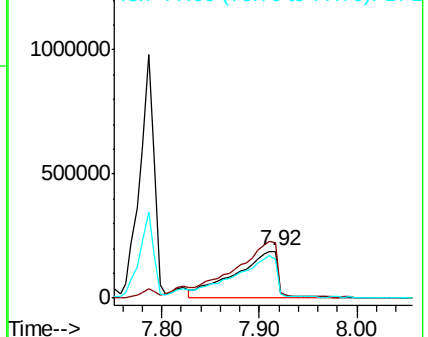
77 82.6 70.1 110.1

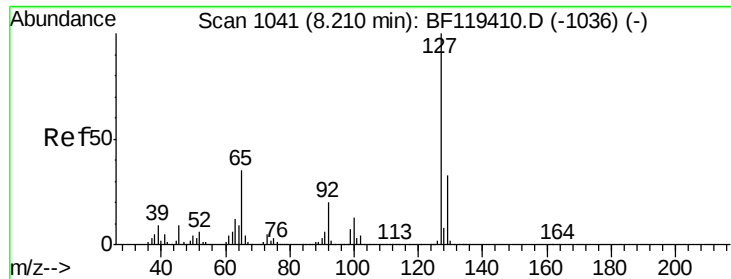


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

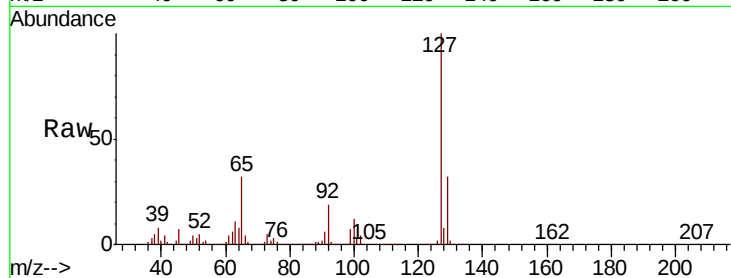




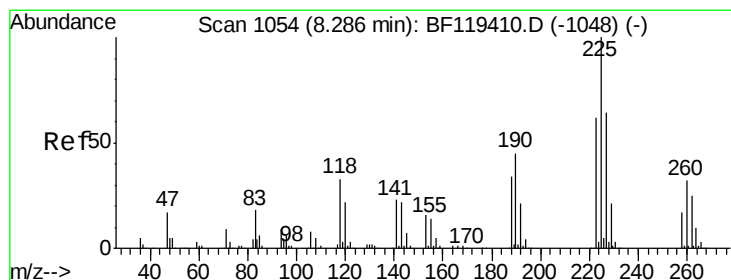
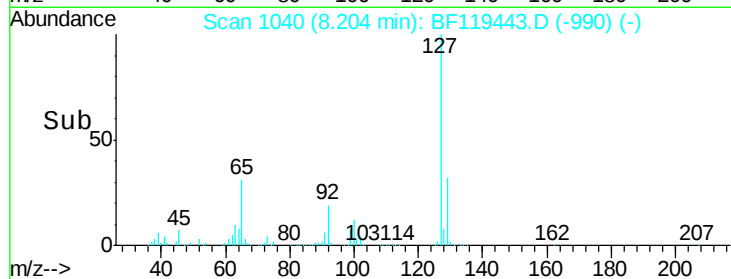
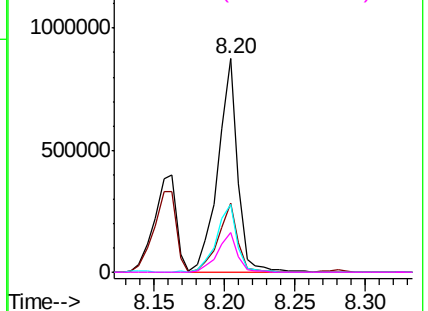
#33
4-Chloroaniline
Concen: 22.728 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	127	Resp:	840047
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	32.1	27.7	41.5
92	18.6	15.8	23.6

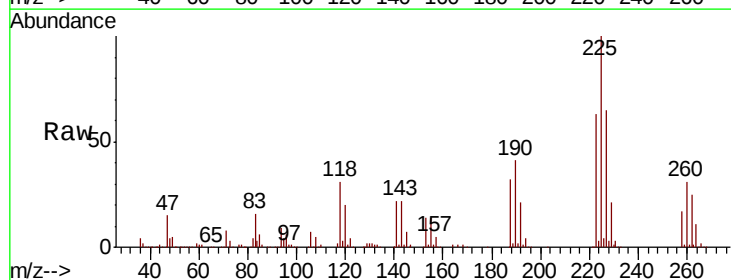


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

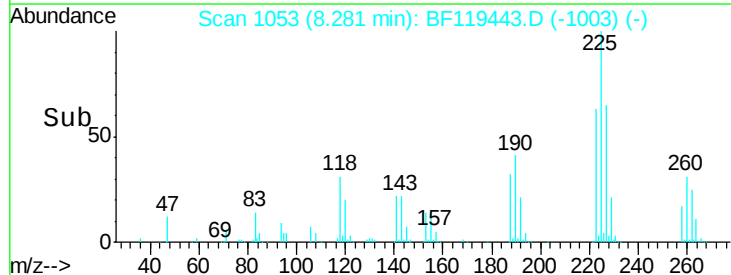
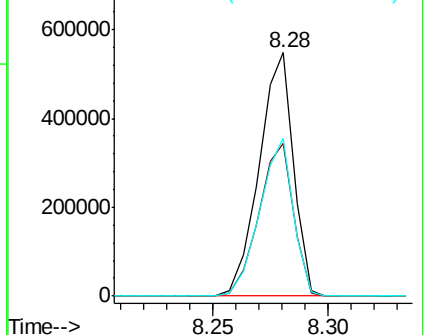


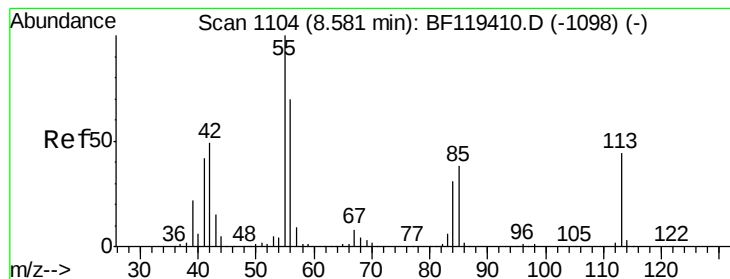
#34
Hexachlorobutadiene
Concen: 39.547 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

Tgt Ion:	225	Resp:	564200
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.2	73.8
227	64.6	51.1	76.7



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





#35

Caprolactam

Concen: 23.532 ng

RT: 8.58 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

Instrument :

BNA_N

ClientSampleId :

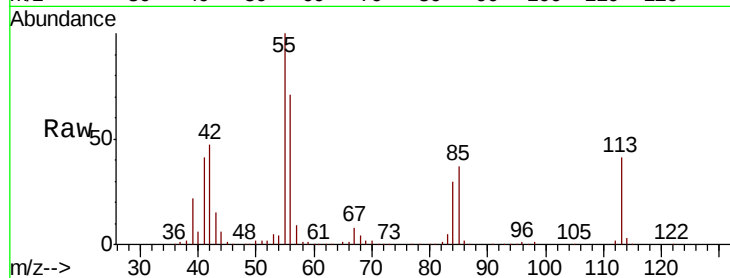
Tot Ion:113 Resp: 177567

Ion Ratio Lower Upper

113 100

55 246.1 208.4 248.4

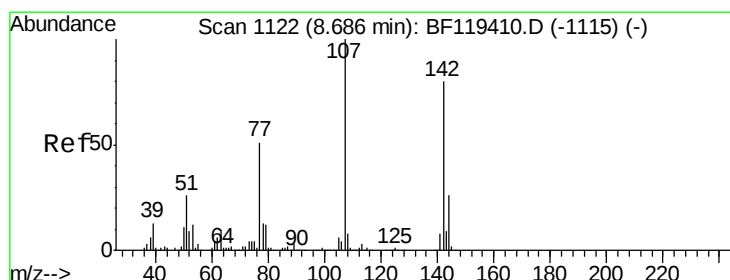
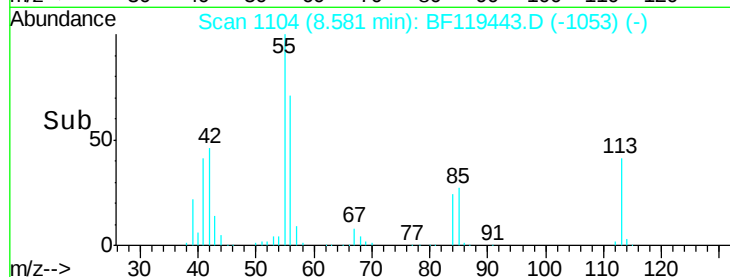
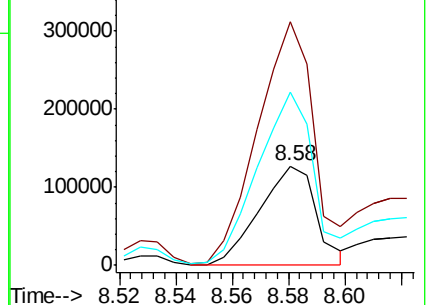
56 175.5 138.9 178.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.848 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

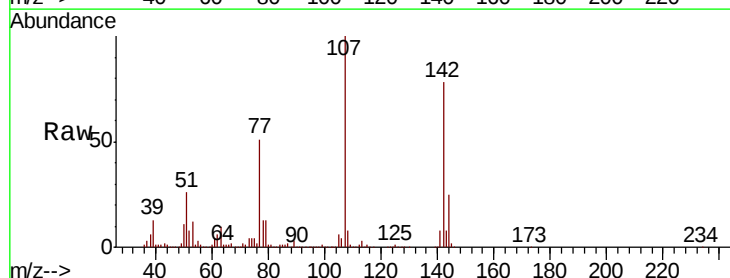
Tgt Ion:107 Resp: 1004165

Ion Ratio Lower Upper

107 100

144 25.1 20.6 31.0

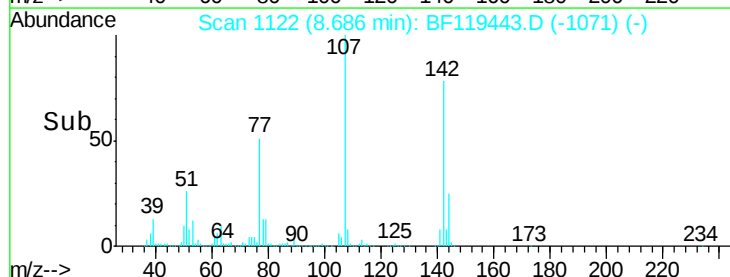
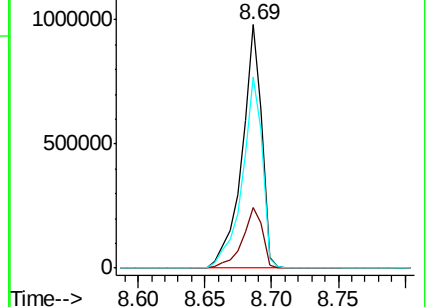
142 78.3 63.8 95.6

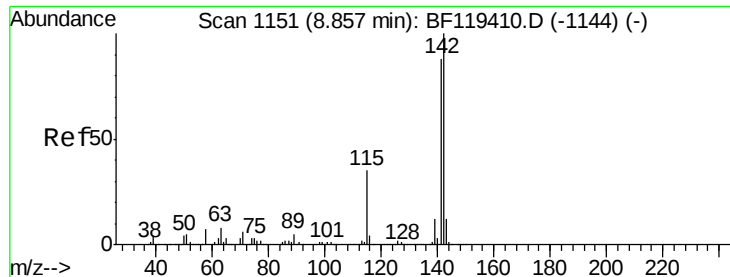


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

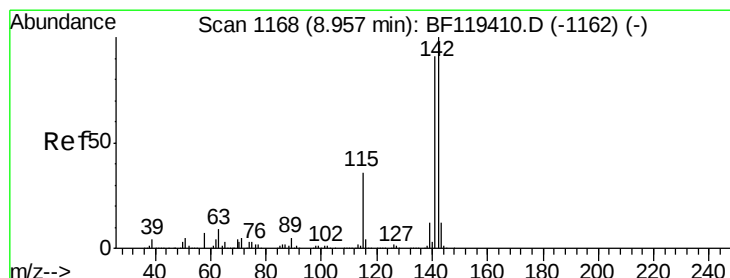
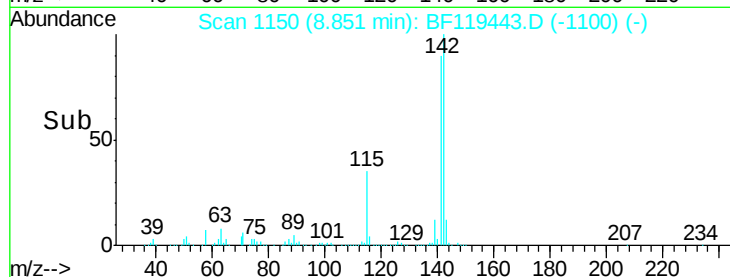
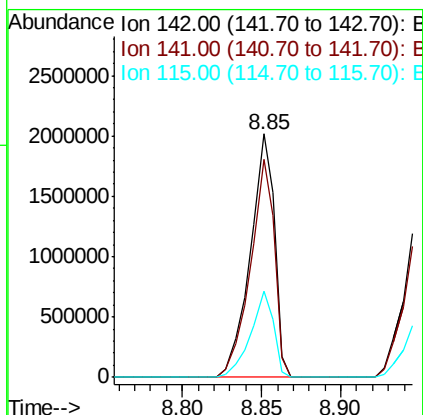
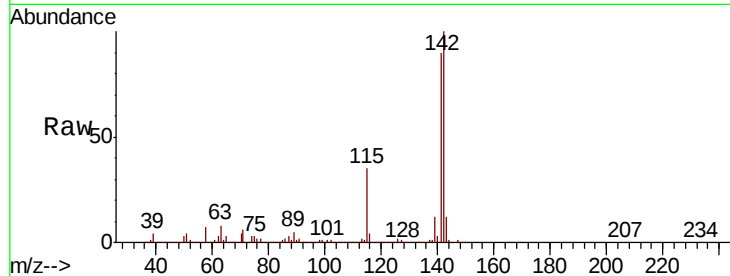




#37
2-Methylnaphthalene
Concen: 40.318 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

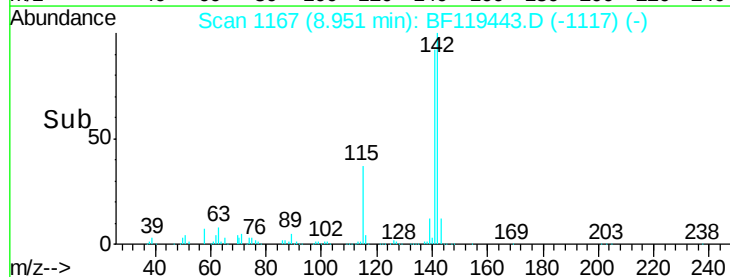
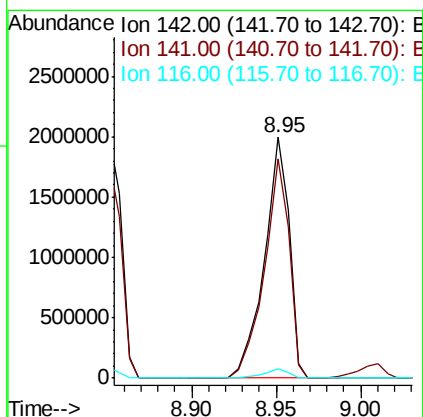
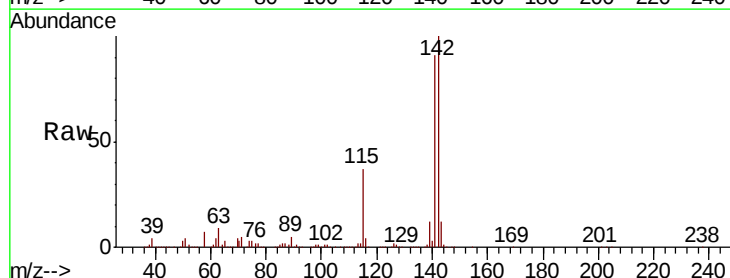
Instrument :
BNA_N
ClientSampleId :

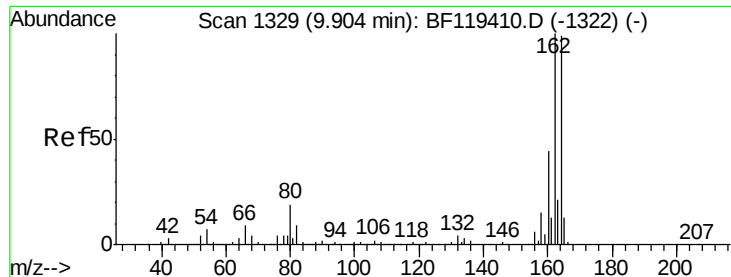
Tot Ion:142 Resp: 2134308
Ion Ratio Lower Upper
142 100
141 89.6 70.4 105.6
115 35.4 27.8 41.6



#38
1-Methylnaphthalene
Concen: 40.491 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

Tgt Ion:142 Resp: 2028844
Ion Ratio Lower Upper
142 100
141 90.8 73.1 109.7
116 4.0 3.0 4.6

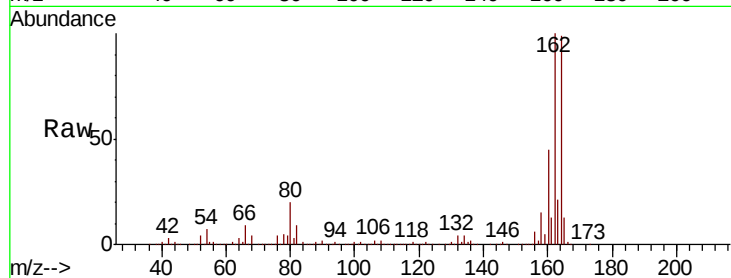




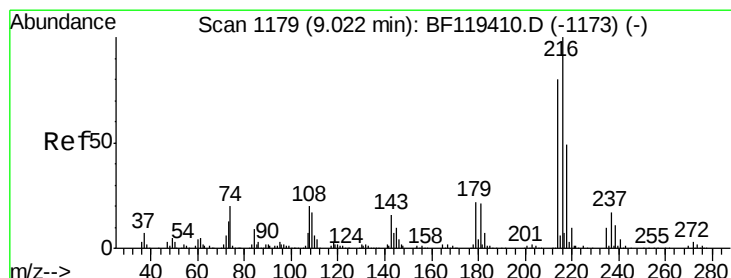
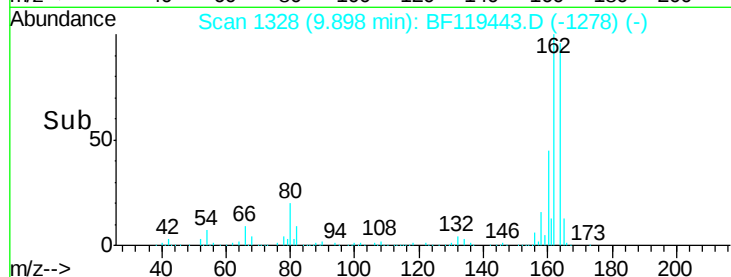
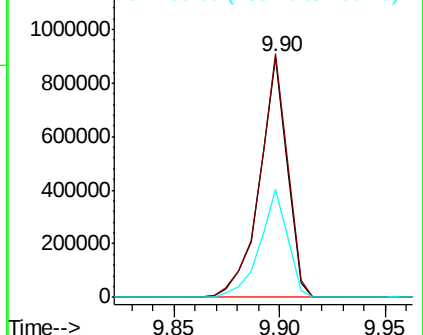
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF119443.D
 Acq: 19 Mar 2020 17:29

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:164 Resp: 816383
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.7 121.1
 160 45.1 35.5 53.3

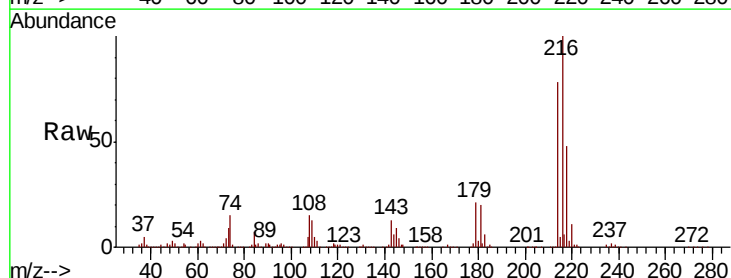


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

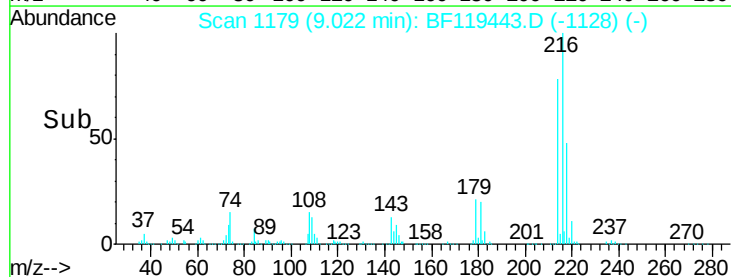
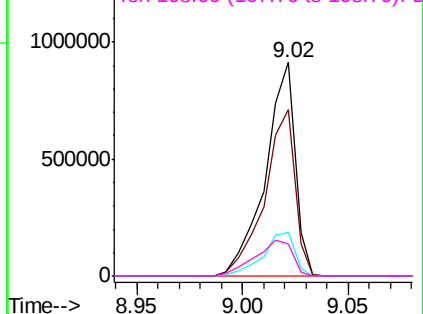


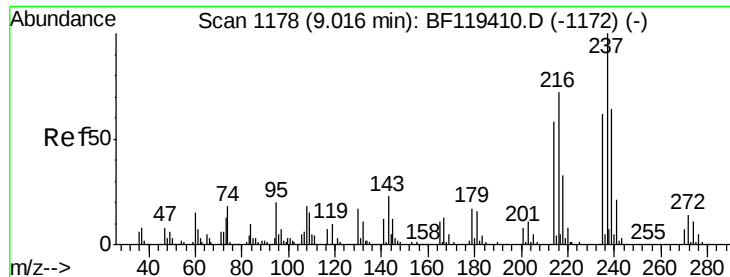
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.547 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF119443.D
 Acq: 19 Mar 2020 17:29

Tgt Ion:216 Resp: 898459
 Ion Ratio Lower Upper
 216 100
 214 79.3 63.0 94.6
 179 21.8 17.0 25.4
 108 20.9 15.4 23.0



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 71.338 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

Instrument :

BNA_N

ClientSampleId :

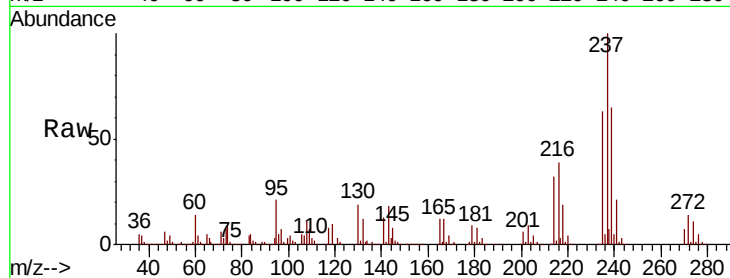
Tot Ion:237 Resp: 970476

Ion Ratio Lower Upper

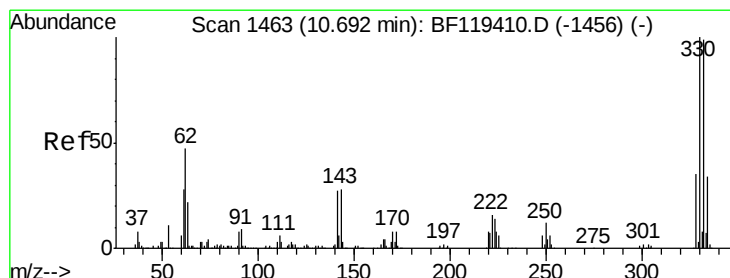
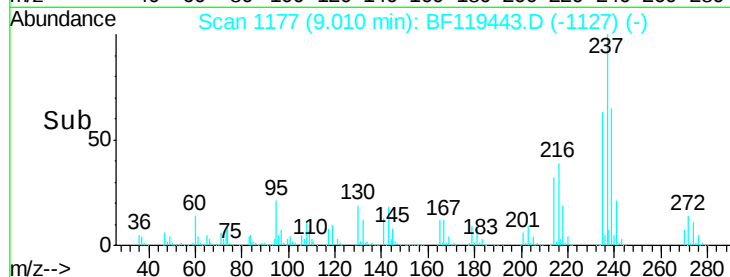
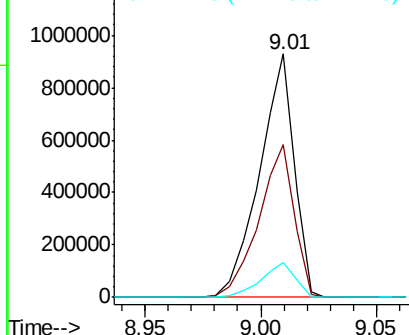
237 100

235 62.9 42.5 82.5

272 14.1 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: 109.693 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

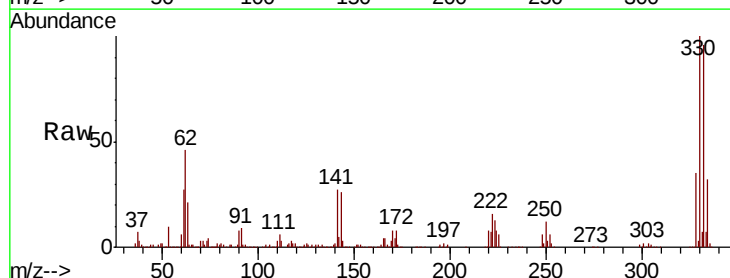
Tgt Ion:330 Resp: 923872

Ion Ratio Lower Upper

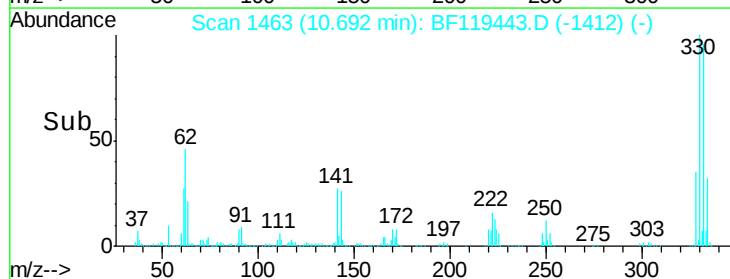
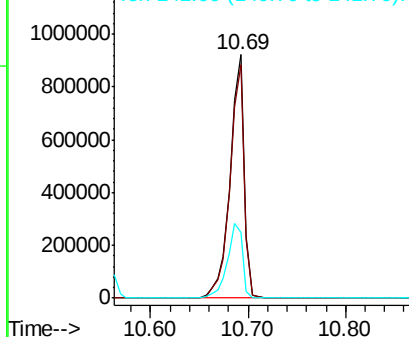
330 100

332 96.4 77.6 116.4

141 32.9 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

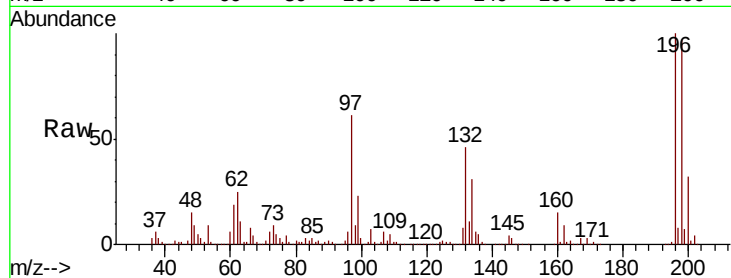




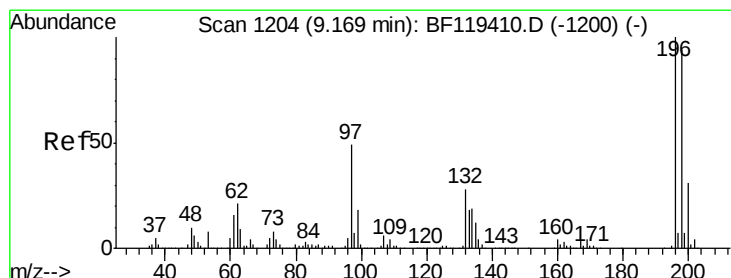
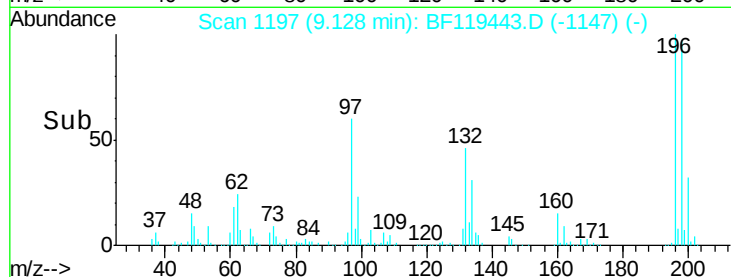
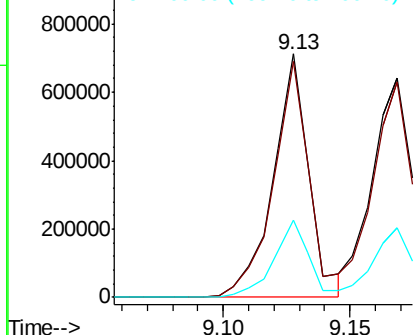
#43
 2,4,6-Trichlorophenol
 Concen: 41.016 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119443.D
 Acq: 19 Mar 2020 17:29

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:196 Resp: 702358
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.0 115.4
 200 31.6 25.1 37.7



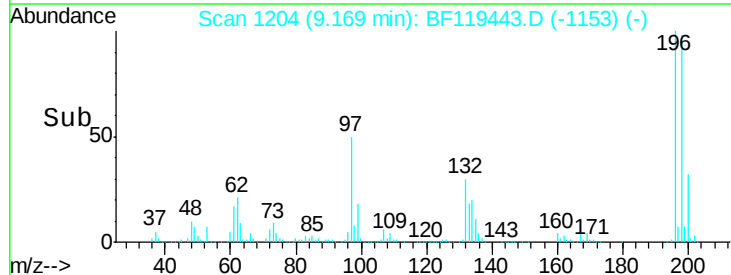
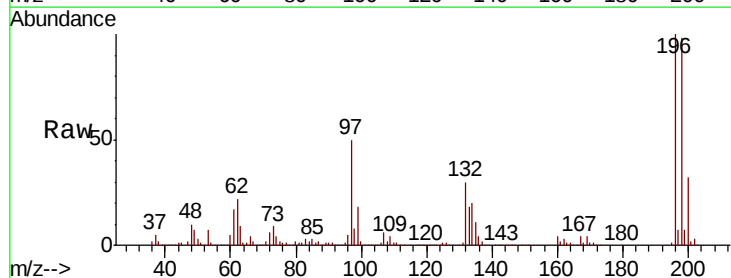
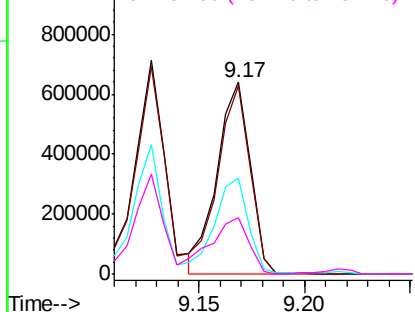
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

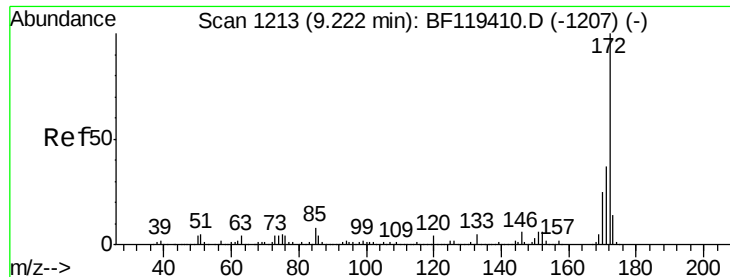


#44
 2,4,5-Trichlorophenol
 Concen: 36.286 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF119443.D
 Acq: 19 Mar 2020 17:29

Tgt Ion:196 Resp: 696062
 Ion Ratio Lower Upper
 196 100
 198 98.3 75.3 112.9
 97 49.9 39.0 58.4
 132 29.5 22.9 34.3

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

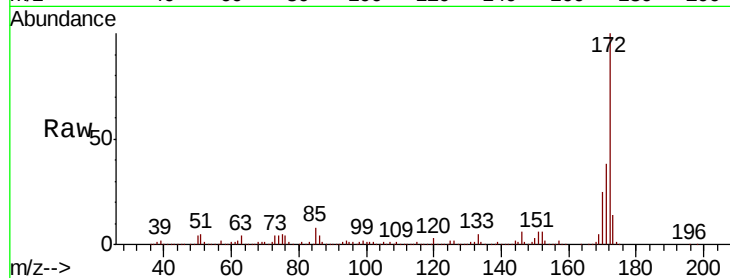




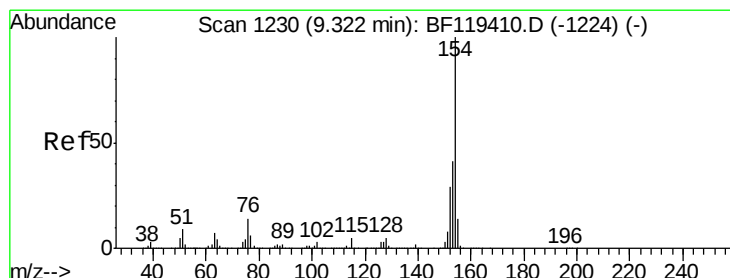
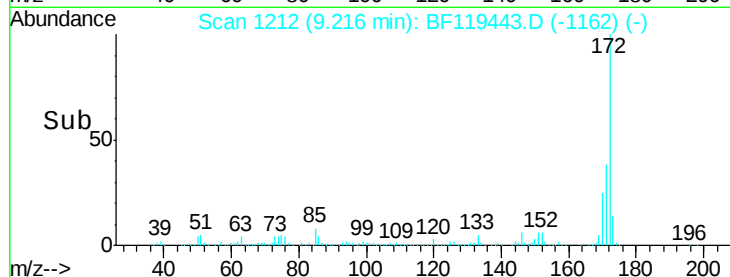
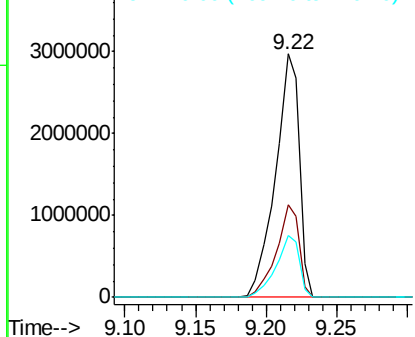
#45
2-Fluorobiphenyl
Concen: 63.652 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 3507625
Ion Ratio Lower Upper
172 100
171 37.9 29.9 44.9
170 25.5 20.1 30.1

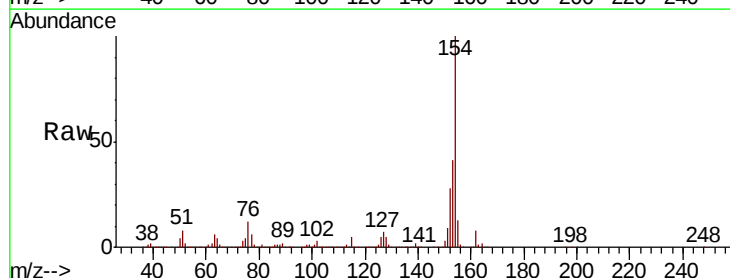


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

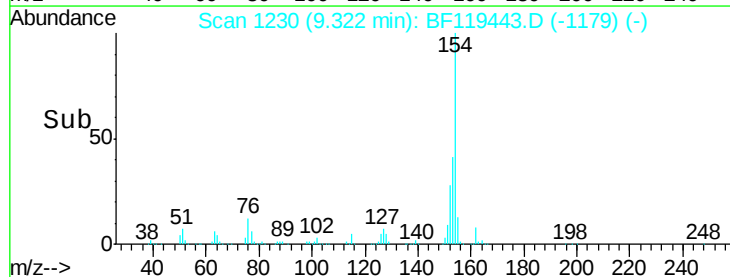
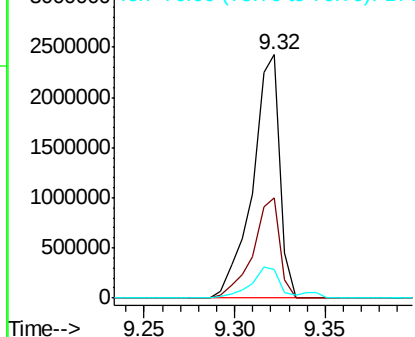


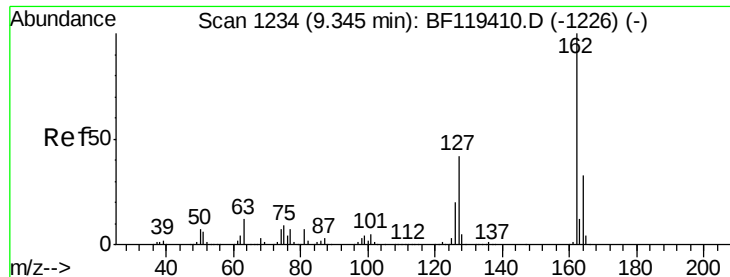
#46
1,1'-Biphenyl
Concen: 38.072 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

Tgt Ion:154 Resp: 2531401
Ion Ratio Lower Upper
154 100
153 41.2 21.4 61.4
76 12.0 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

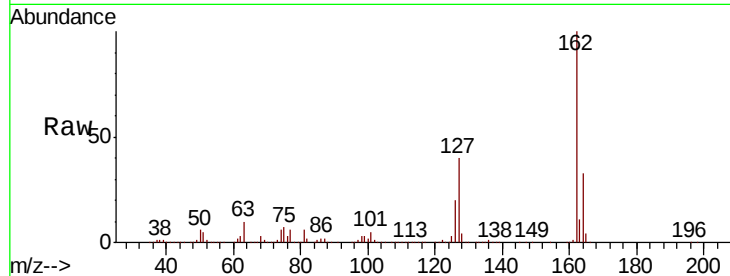




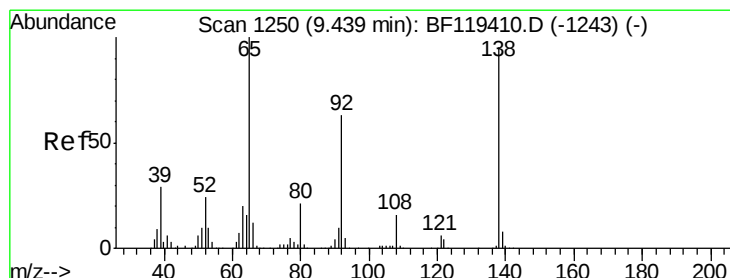
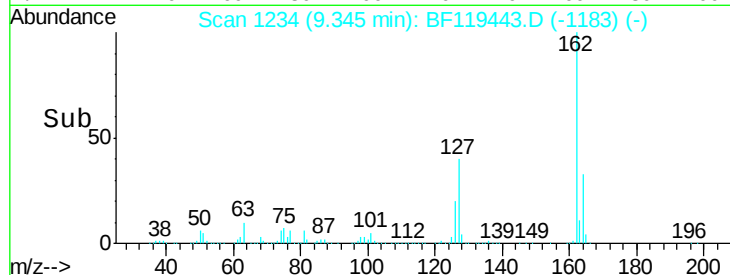
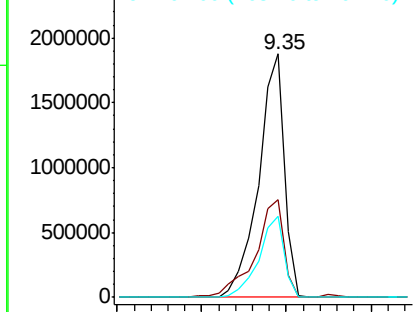
#47
2-Chloronaphthalene
Concen: 37.971 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

Instrument :
BNA_N
ClientSampled :

Tot Ion:162 Resp: 1977650
Ion Ratio Lower Upper
162 100
127 40.3 33.7 50.5
164 33.1 26.2 39.4

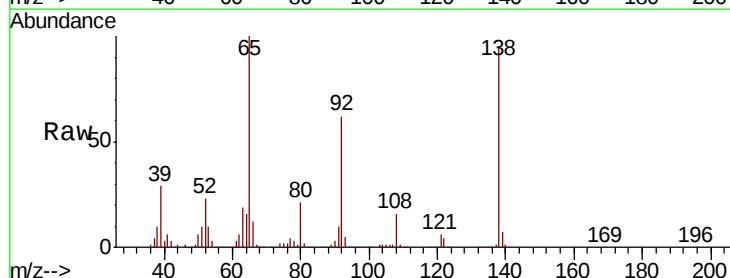


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

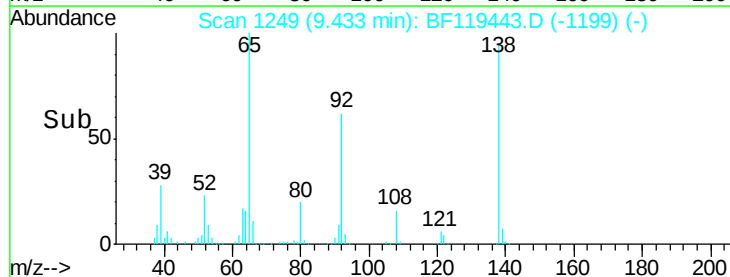
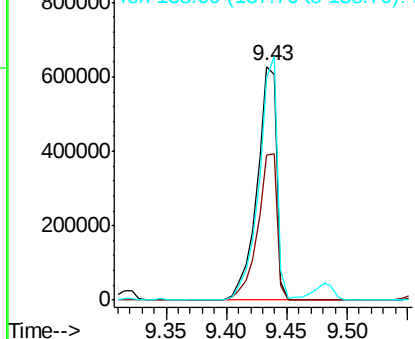


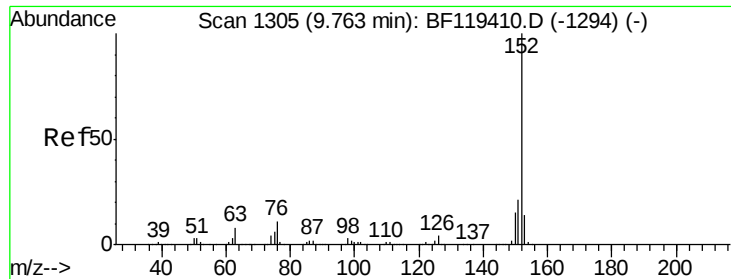
#48
2-Nitroaniline
Concen: 39.468 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

Tgt Ion: 65 Resp: 709520
Ion Ratio Lower Upper
65 100
92 62.0 50.5 75.7
138 94.7 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): E





#49

Acenaphthylene

Concen: 37.692 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

Instrument :

BNA_N

ClientSampleId :

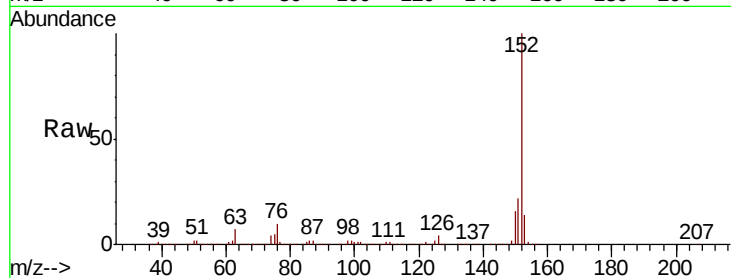
Tot Ion:152 Resp: 3082770

Ion Ratio Lower Upper

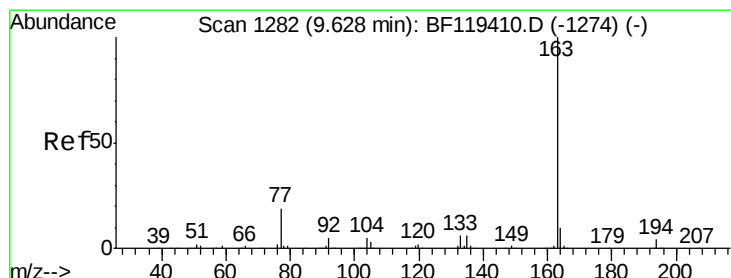
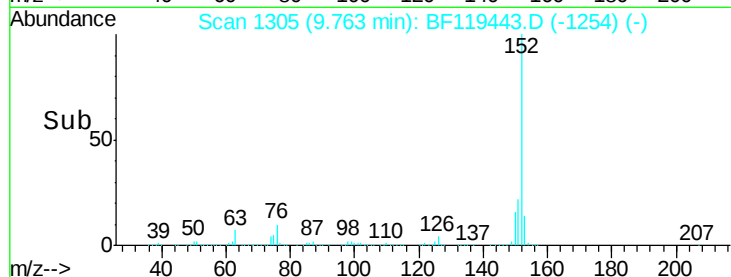
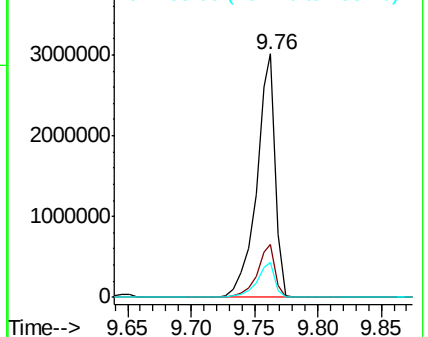
152 100

151 21.8 16.8 25.2

153 14.2 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.049 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

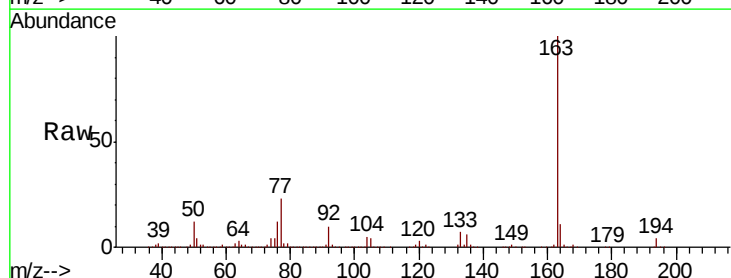
Tgt Ion:163 Resp: 2264364

Ion Ratio Lower Upper

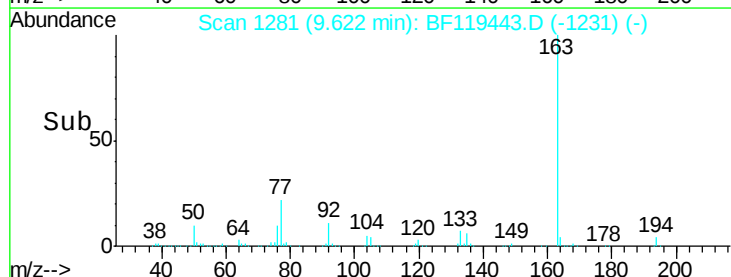
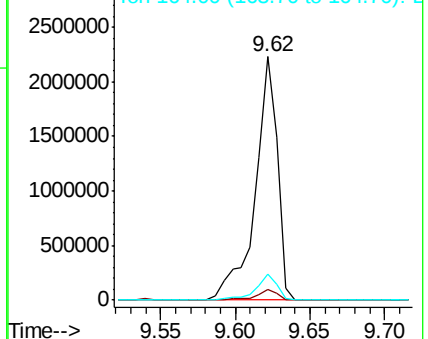
163 100

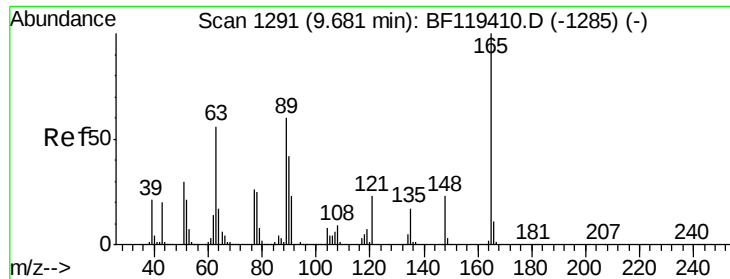
194 4.2 3.2 4.8

164 10.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

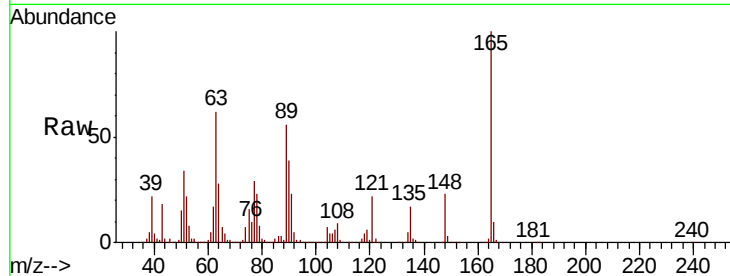




#51
 2,6-Dinitrotoluene
 Concen: 40.125 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF119443.D
 Acq: 19 Mar 2020 17:29

Instrument :
 BNA_N
 ClientSampleId :

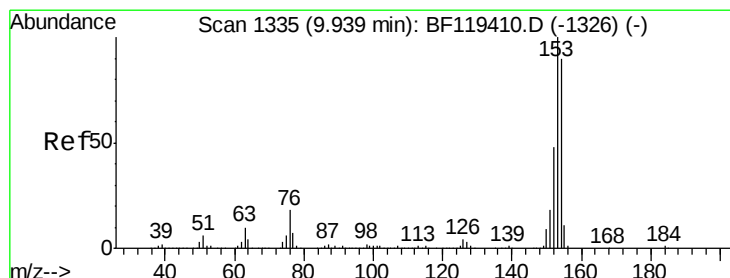
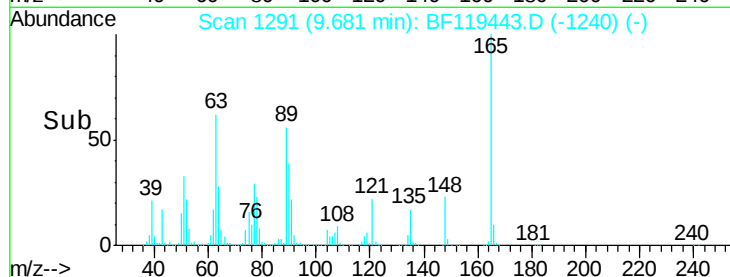
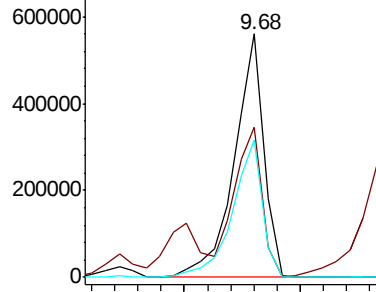
Tot Ion	165	Resp	498727
Ion	Ratio	Lower	Upper
165	100		
63	61.8	57.3	85.9
89	56.2	47.8	71.8



Abundance Ion 165.00 (164.70 to 165.70): E

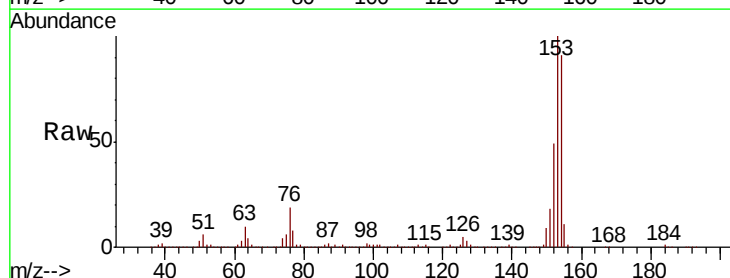
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 Acenaphthene
 Concen: 39.732 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF119443.D
 Acq: 19 Mar 2020 17:29

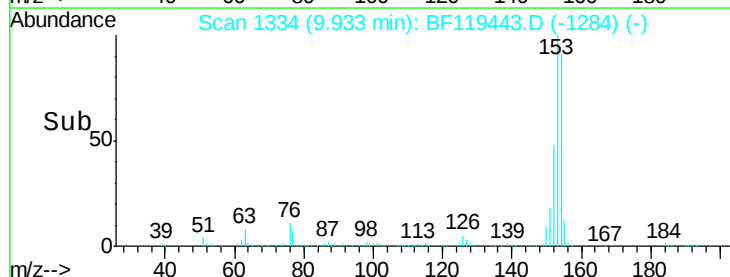
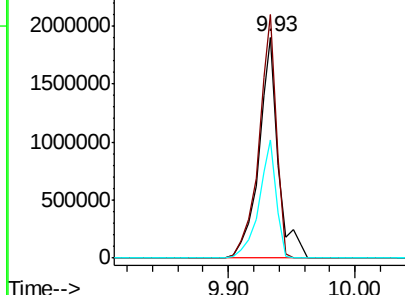
Tgt Ion	154	Resp	2025879
Ion	Ratio	Lower	Upper
154	100		
153	110.4	89.0	133.6
152	53.9	43.1	64.7



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

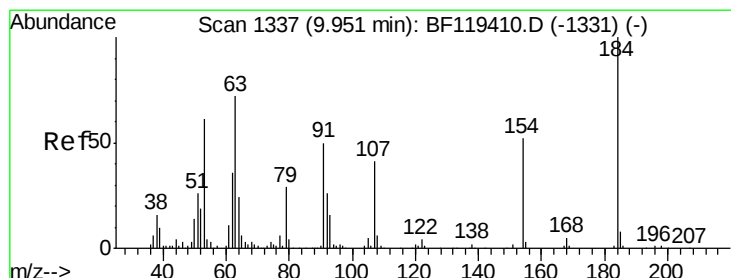
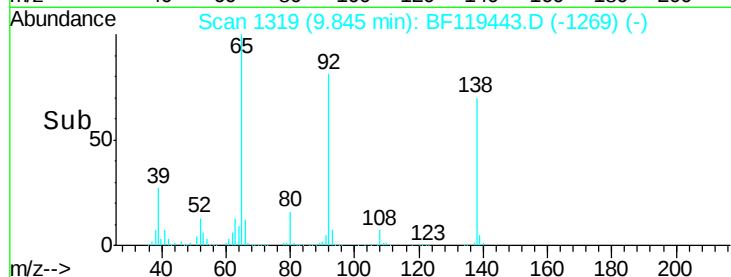
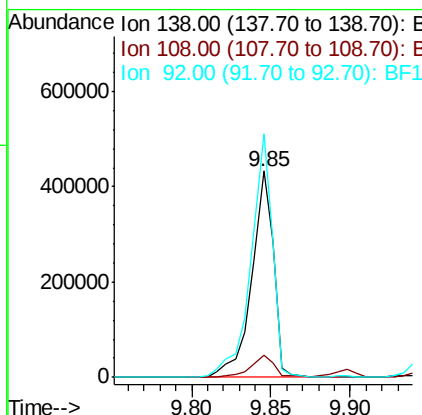
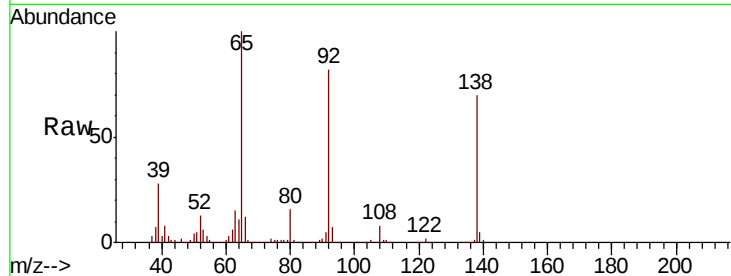




#53
3-Nitroaniline
Concen: 26.201 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

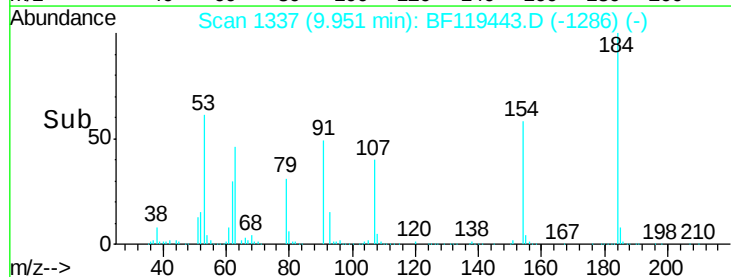
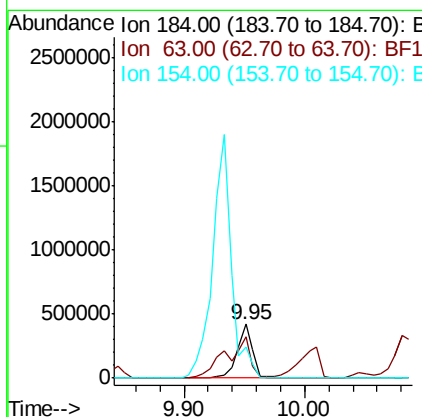
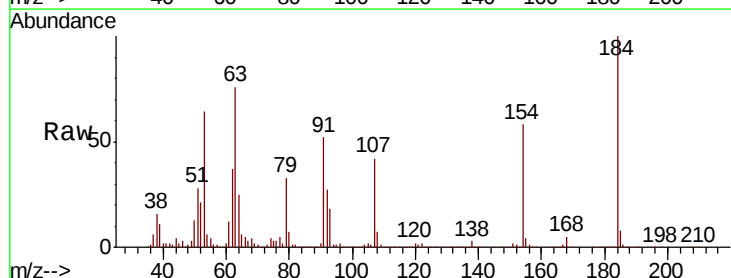
Instrument :
BNA_N
ClientSampleId :

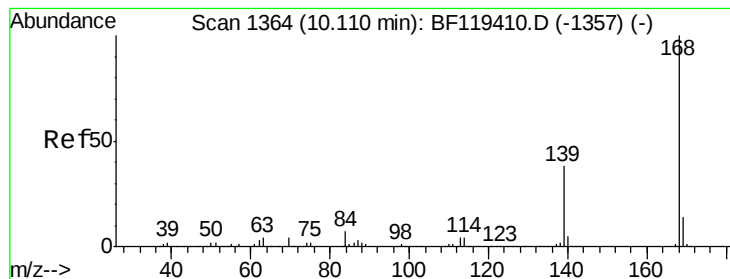
Tot Ion:138 Resp: 411136
Ion Ratio Lower Upper
138 100
108 11.0 9.0 13.6
92 117.9 93.2 139.8



#54
2,4-Dinitrophenol
Concen: 68.227 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

Tgt Ion:184 Resp: 360610
Ion Ratio Lower Upper
184 100
63 75.9 58.5 87.7
154 58.4 51.8 77.6





#55

Dibenzofuran

Concen: 38.139 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

Instrument :

BNA_N

ClientSampleId :

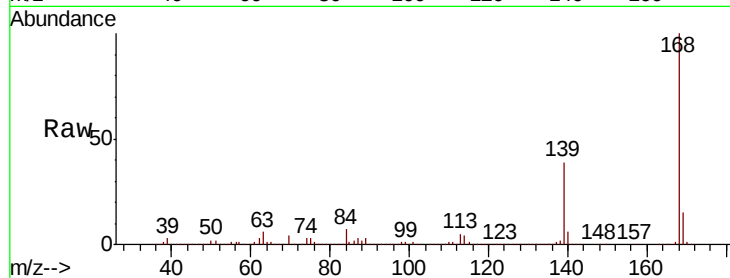
Tot Ion:168 Resp: 2788074

Ion Ratio Lower Upper

168 100

139 39.4 30.2 45.4

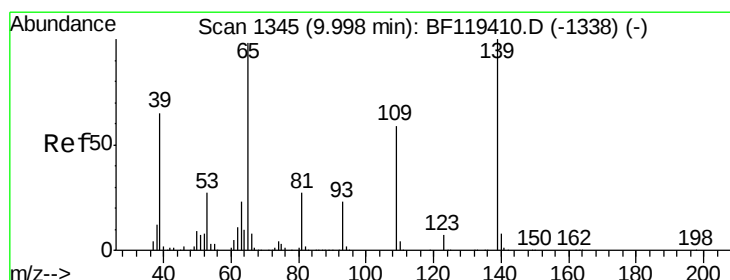
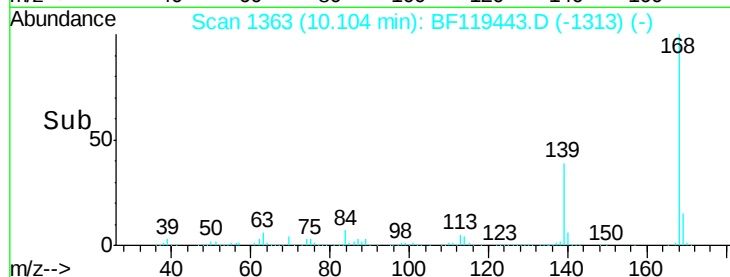
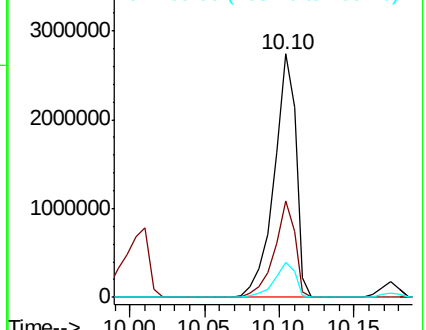
169 14.5 11.1 16.7



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: 77.084 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

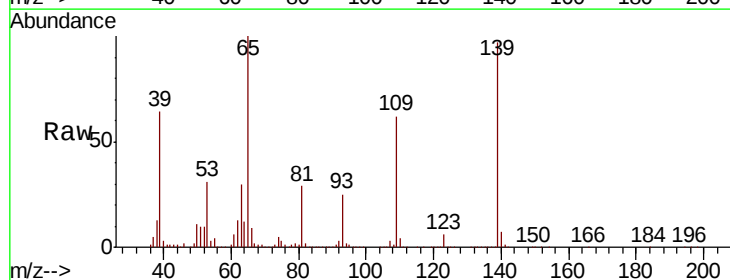
Tgt Ion:139 Resp: 954208

Ion Ratio Lower Upper

139 100

109 63.8 39.6 79.6

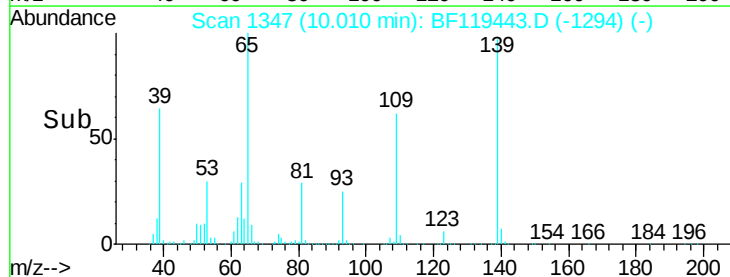
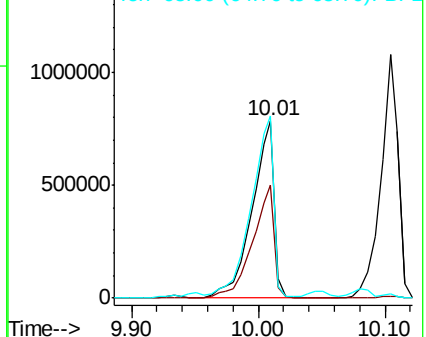
65 103.0 78.3 118.3

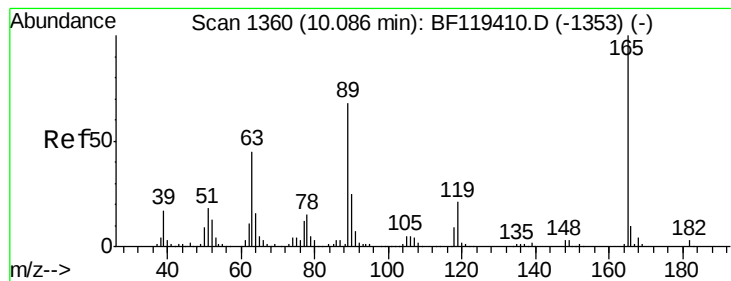


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 40.806 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

Instrument :

BNA_N

ClientSampled :

Tot Ion:165 Resp: 638934

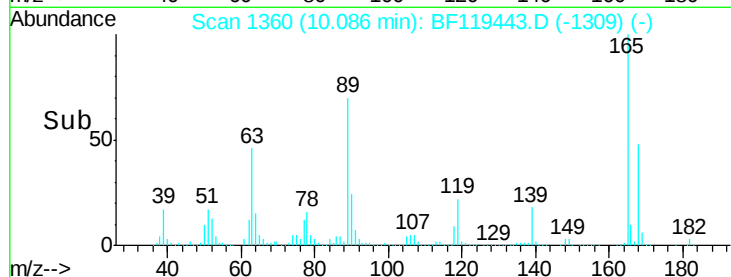
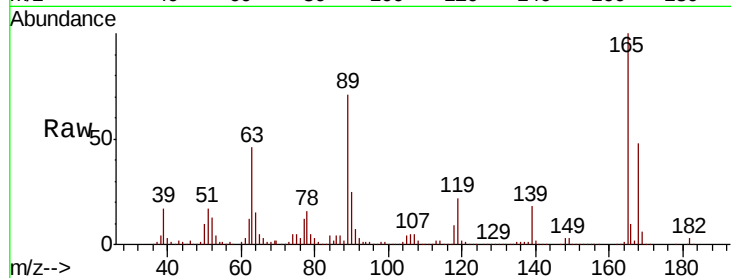
Ion Ratio Lower Upper

165 100

63 46.1 36.2 54.4

89 70.5 54.3 81.5

182 2.7 2.0 3.0

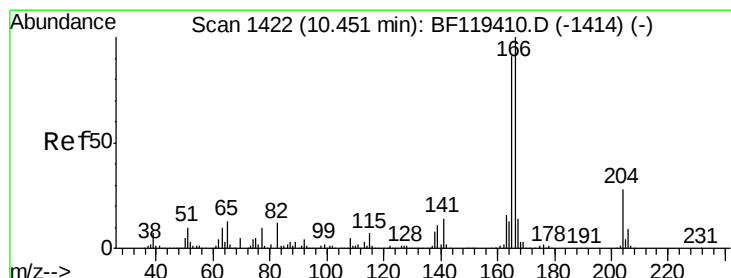
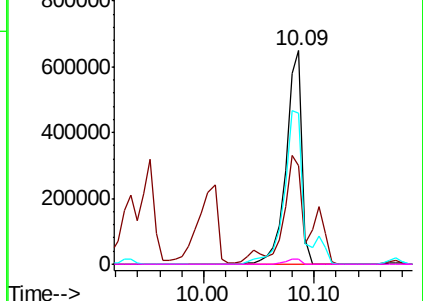


Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.640 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

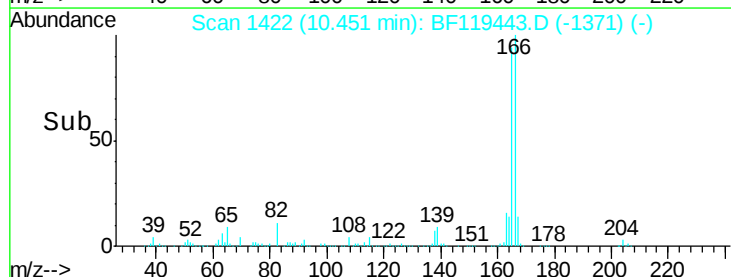
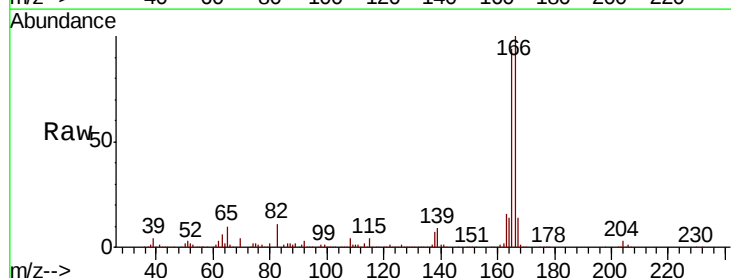
Tgt Ion:166 Resp: 2034781

Ion Ratio Lower Upper

166 100

165 94.3 73.1 109.7

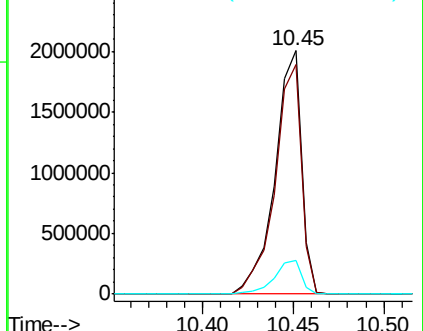
167 13.6 11.0 16.6

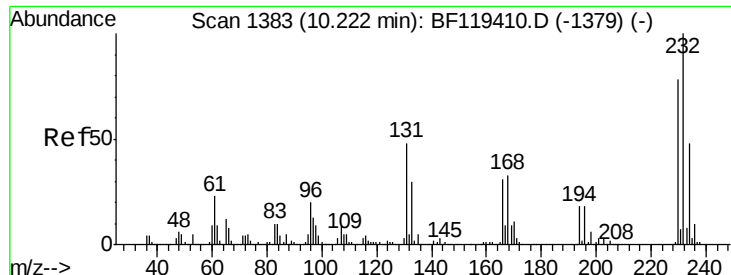


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

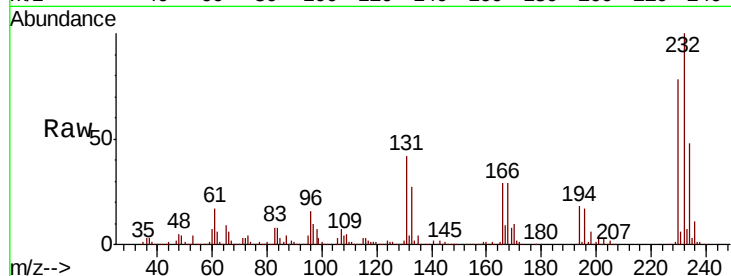




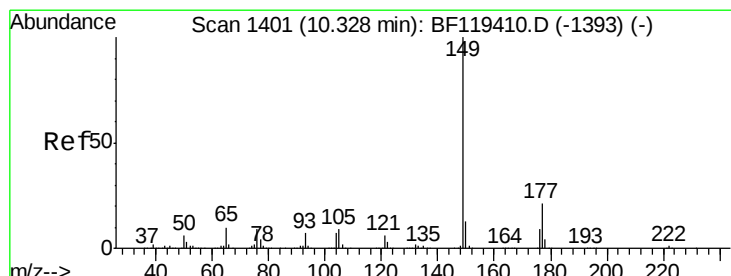
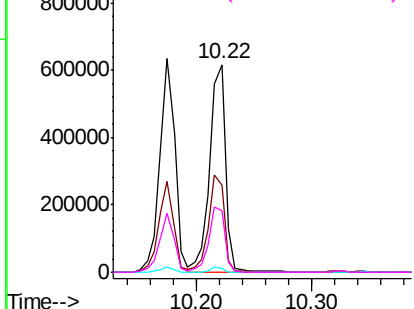
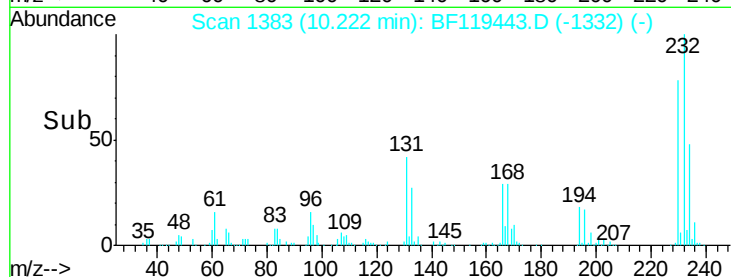
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.172 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF119443.D
 Acq: 19 Mar 2020 17:29

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:	232	Resp:	590356
Ion	Ratio	Lower	Upper
232	100		
131	46.3	36.3	54.5
130	2.1	1.8	2.6
166	31.6	24.9	37.3

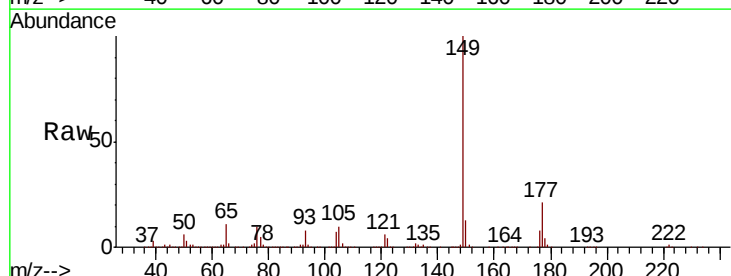


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

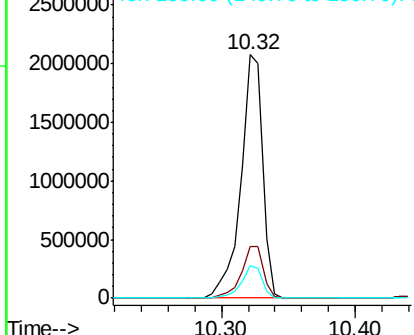
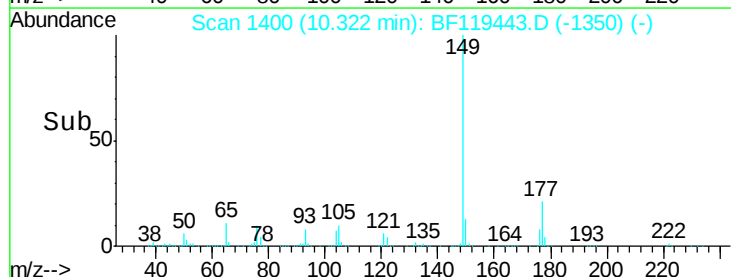


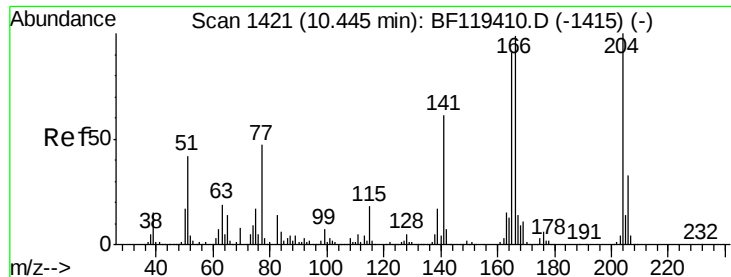
#60
 Diethylphthalate
 Concen: 39.615 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF119443.D
 Acq: 19 Mar 2020 17:29

Tgt Ion:	149	Resp:	2331490
Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.0	25.6
150	13.5	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

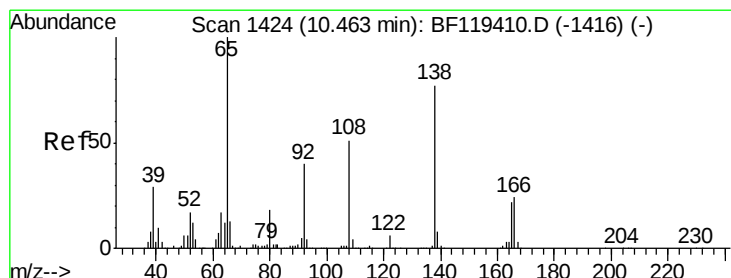
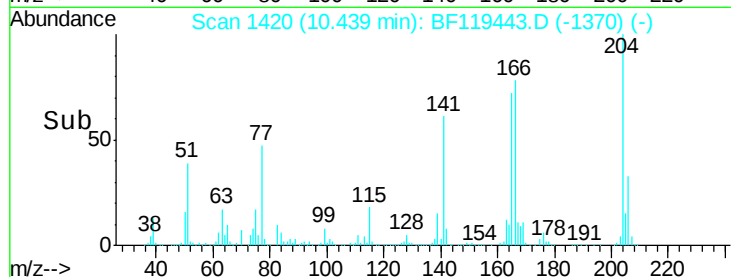
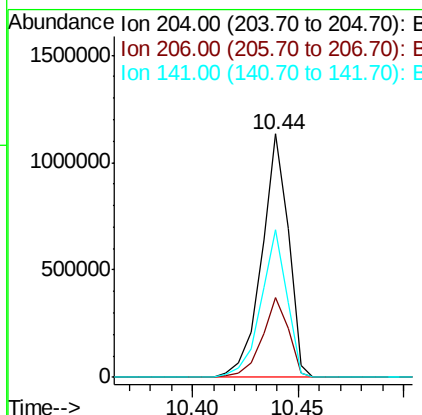
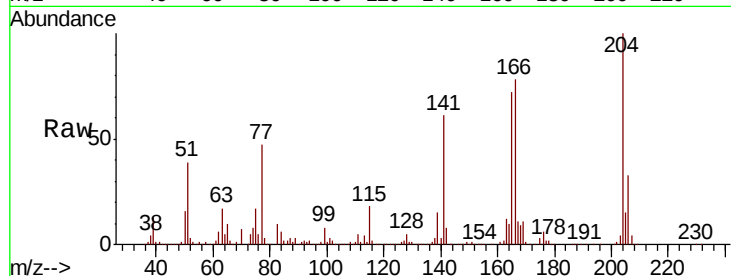




#61
4-Chlorophenyl-phenylether
Concen: 37.666 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

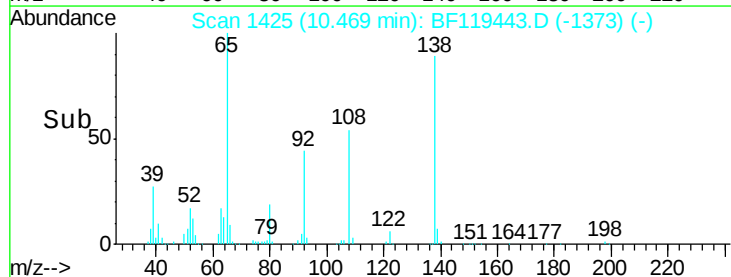
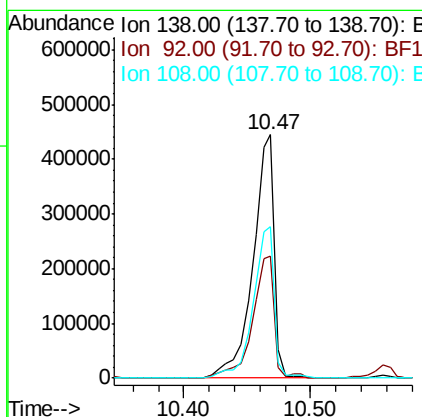
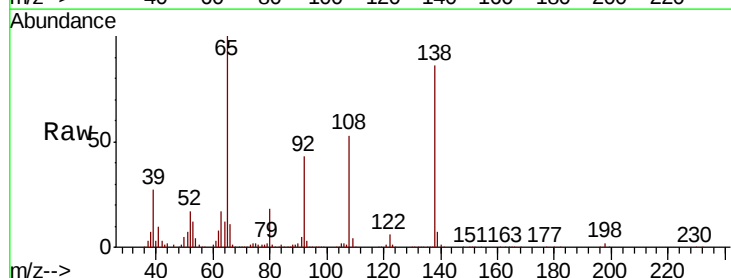
Instrument :
BNA_N
ClientSampleId :

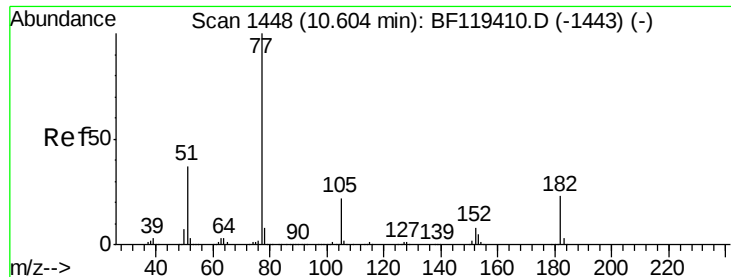
Tot Ion:204 Resp: 995730
Ion Ratio Lower Upper
204 100
206 33.0 26.7 40.1
141 60.8 48.8 73.2



#62
4-Nitroaniline
Concen: 34.931 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

Tgt Ion:138 Resp: 525624
Ion Ratio Lower Upper
138 100
92 50.1 32.0 72.0
108 62.2 46.0 86.0





#63

Azobenzene

Concen: 38.137 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 77 Resp: 2260243

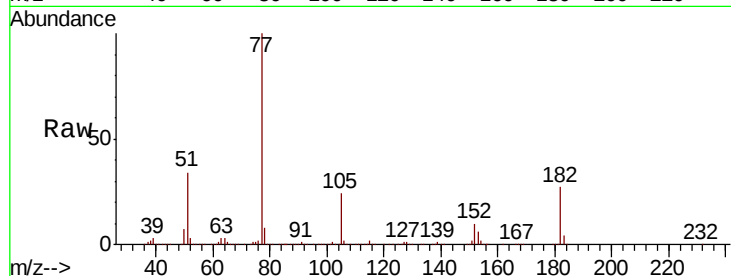
Ion Ratio Lower Upper

77 100

182 27.4 2.5 42.5

105 24.2 2.5 42.5

51 34.0 17.1 57.1

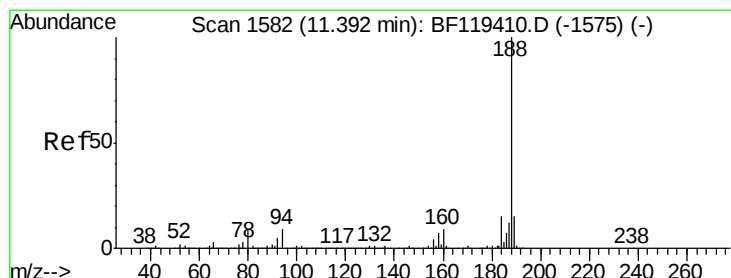
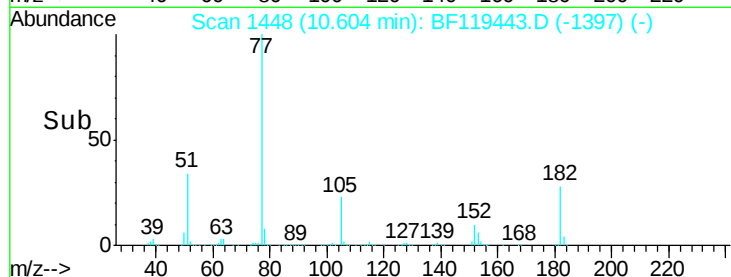
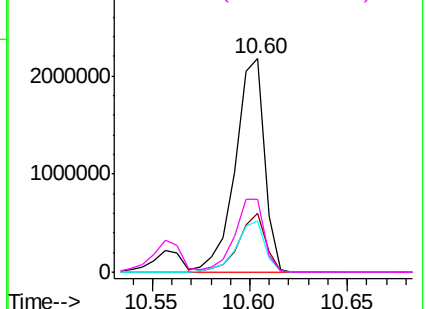


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

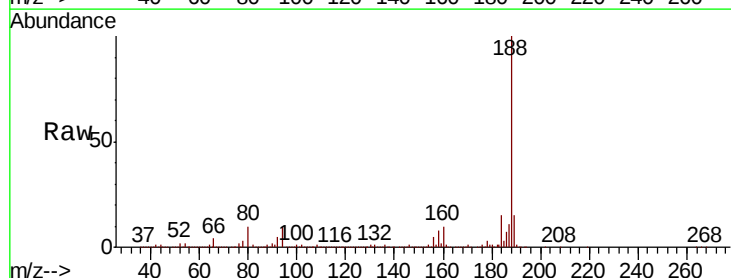
Tgt Ion: 188 Resp: 1512369

Ion Ratio Lower Upper

188 100

94 9.7 7.1 10.7

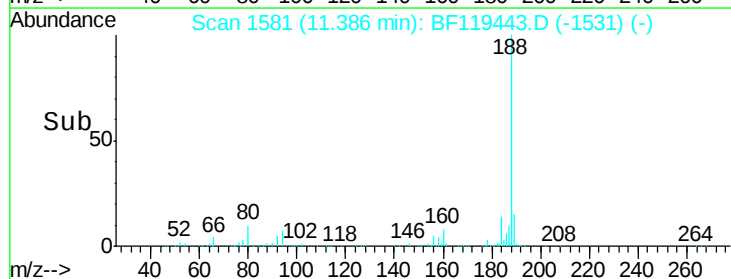
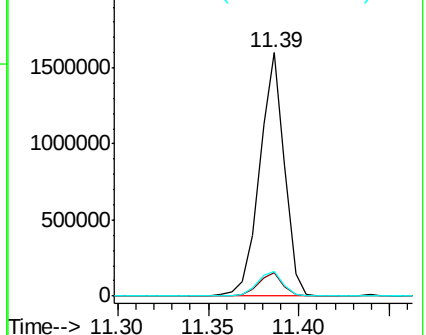
80 10.3 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

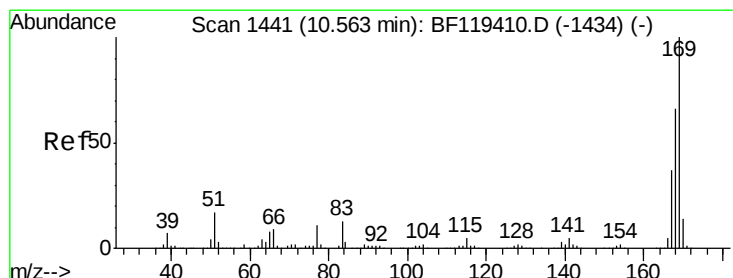
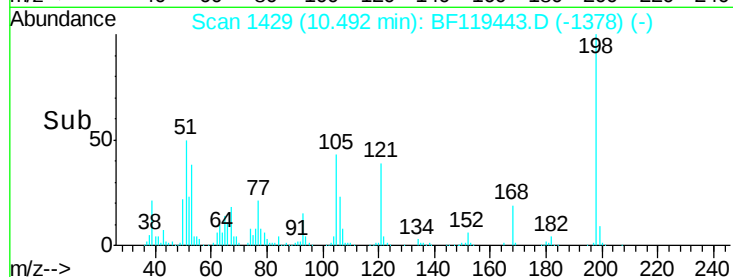
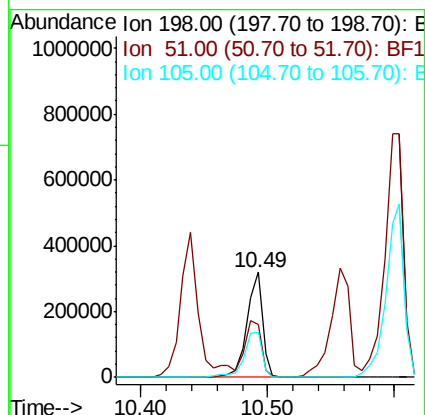
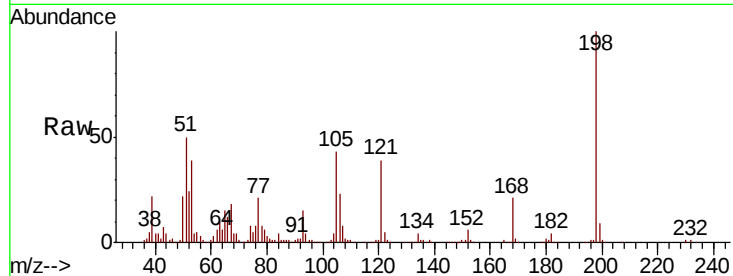




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.707 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF119443.D
 Acq: 19 Mar 2020 17:29

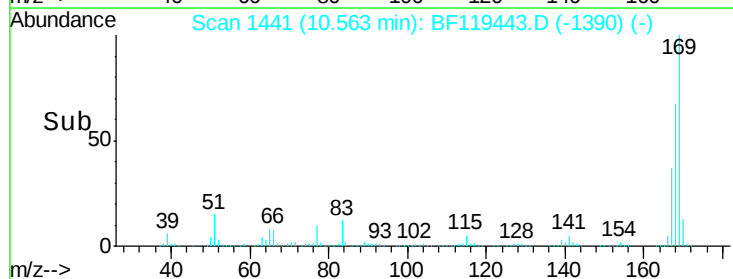
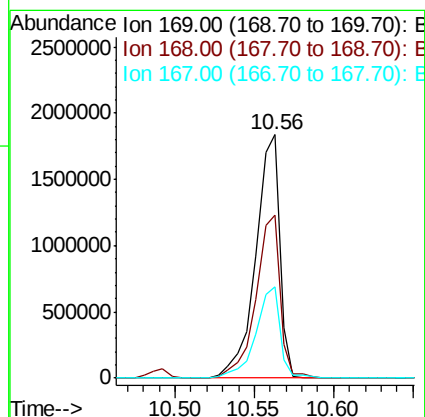
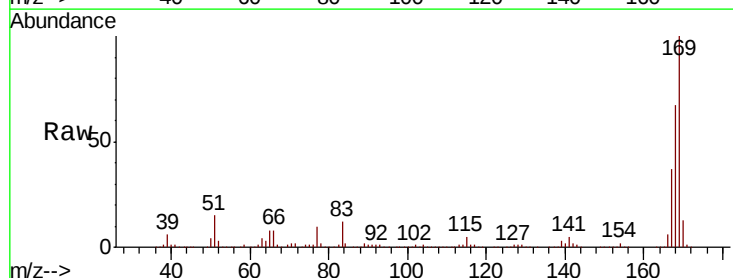
Instrument :
 BNA_N
 ClientSampled :

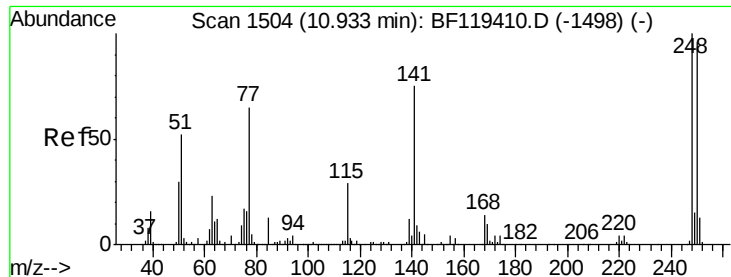
Tot Ion:198 Resp: 270841
 Ion Ratio Lower Upper
 198 100
 51 50.2 33.1 73.1
 105 43.2 24.1 64.1



#66
 n-Nitrosodiphenylamine
 Concen: 39.211 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: BF119443.D
 Acq: 19 Mar 2020 17:29

Tgt Ion:169 Resp: 1946799
 Ion Ratio Lower Upper
 169 100
 168 67.0 52.7 79.1
 167 37.4 29.3 43.9

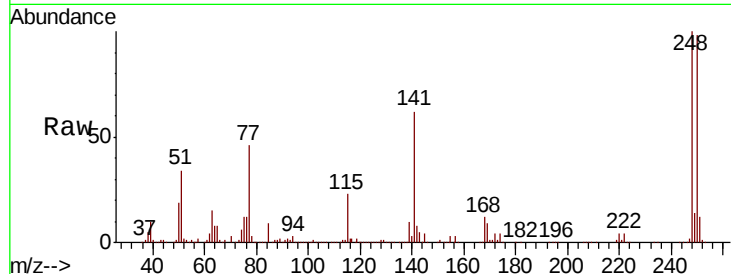




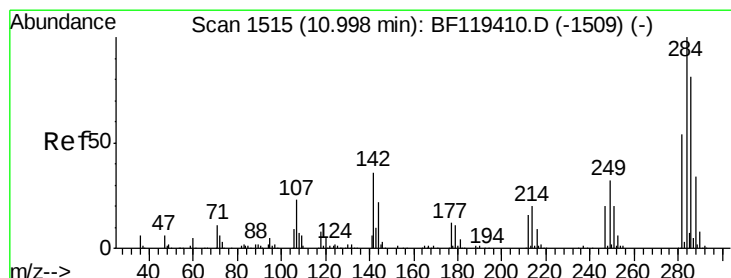
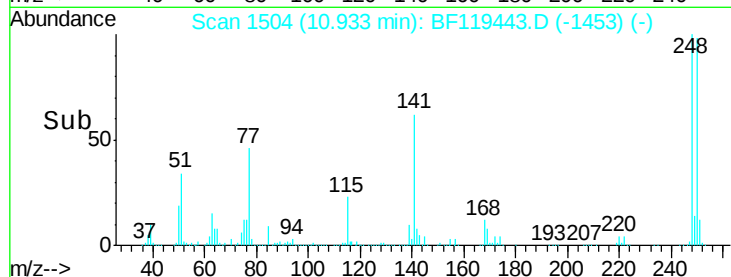
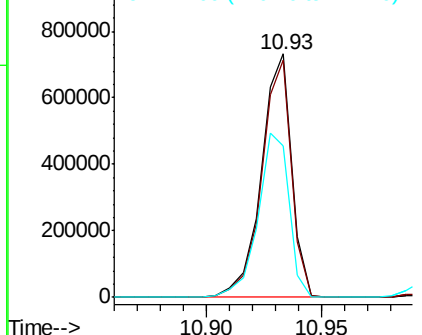
#67
4-Bromophenyl-phenylether
Concen: 38.809 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

Instrument :
BNA_N
ClientSampled :

Tot Ion:248 Resp: 668437
Ion Ratio Lower Upper
248 100
250 97.6 77.0 115.6
141 62.0 59.7 89.5

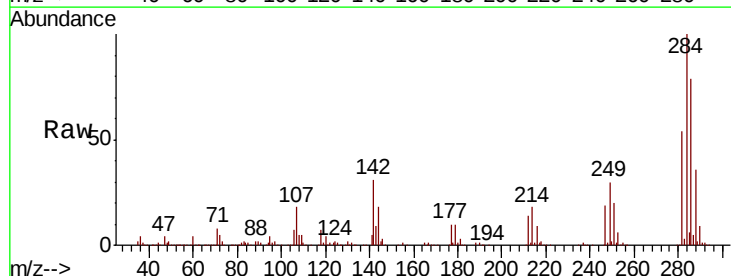


Abundance Ion 248.00 (247.70 to 248.70): E
1000000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

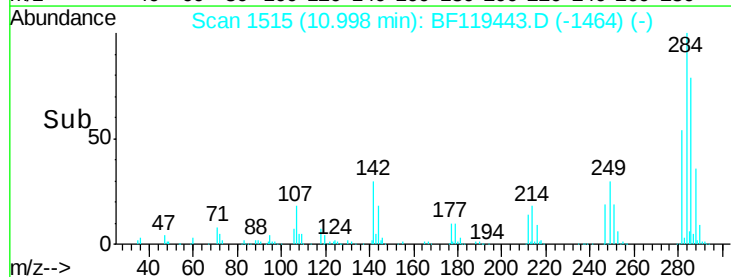
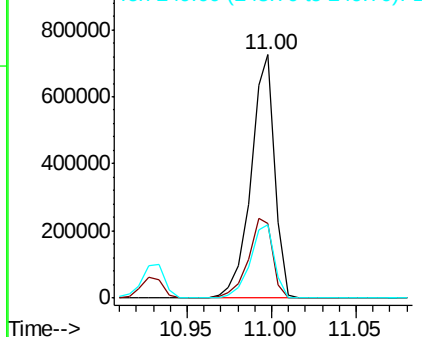


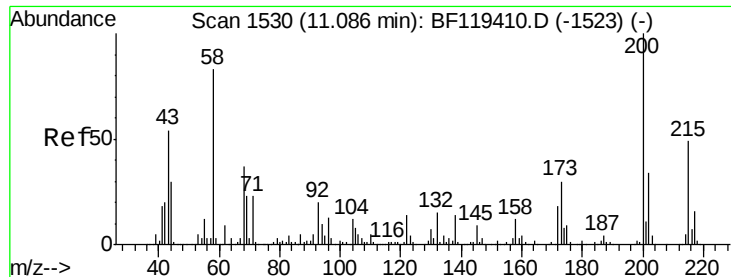
#68
Hexachlorobenzene
Concen: 40.335 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

Tgt Ion:284 Resp: 711036
Ion Ratio Lower Upper
284 100
142 30.6 28.7 43.1
249 30.2 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E
1000000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 44.046 ng

RT: 11.09 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

Instrument :

BNA_N

ClientSampleId :

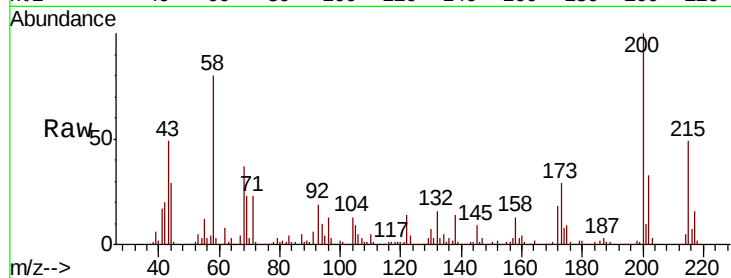
Tot Ion:200 Resp: 599517

Ion Ratio Lower Upper

200 100

173 29.3 9.9 49.9

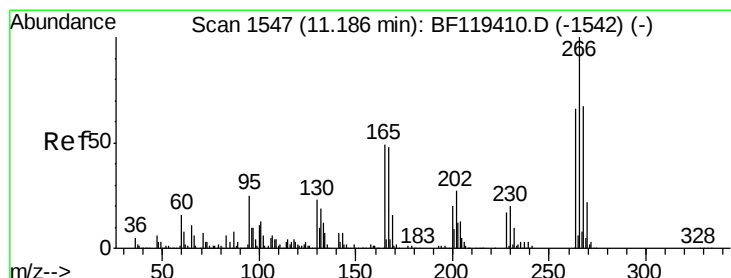
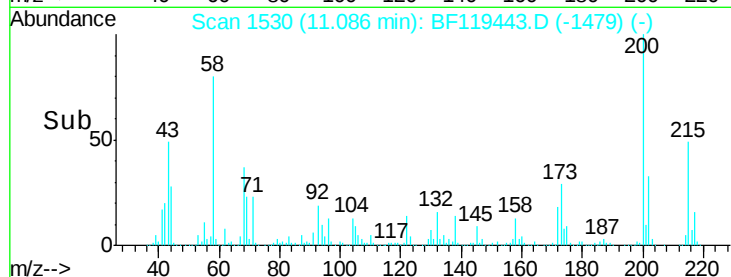
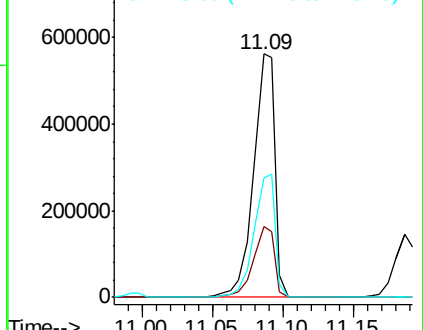
215 48.8 29.4 69.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 73.628 ng

RT: 11.19 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

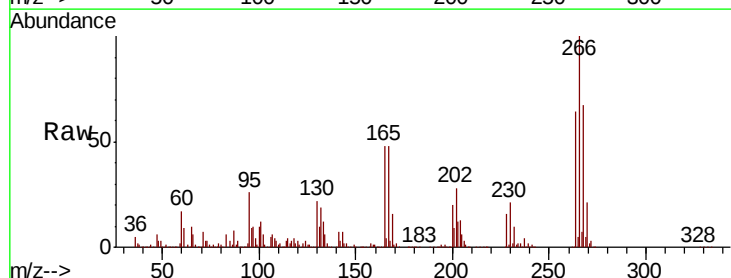
Tgt Ion:266 Resp: 761056

Ion Ratio Lower Upper

266 100

268 67.0 53.7 80.5

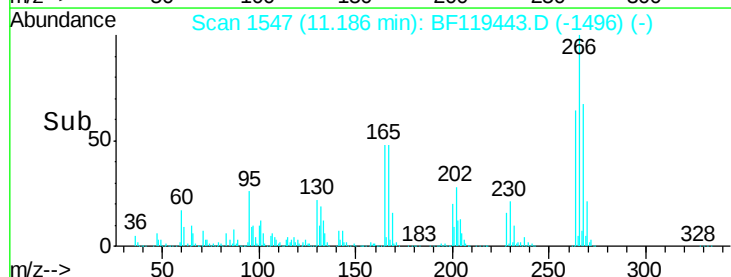
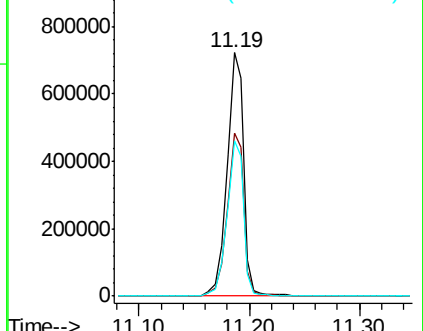
264 63.6 52.5 78.7

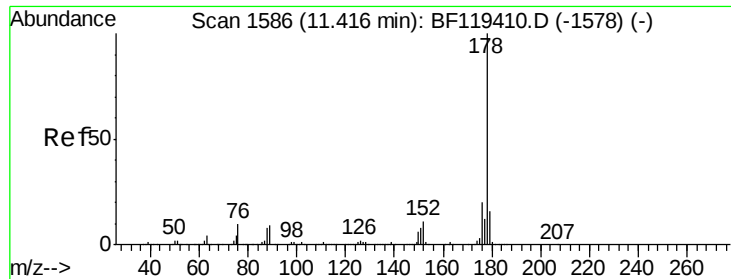


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

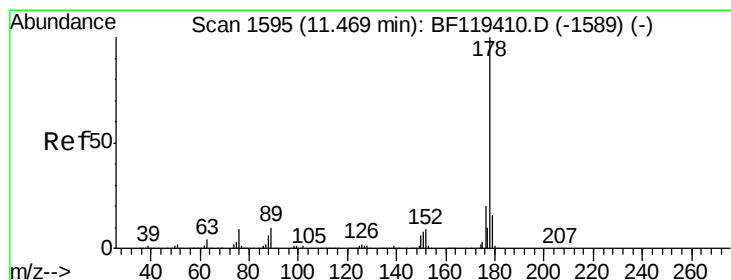
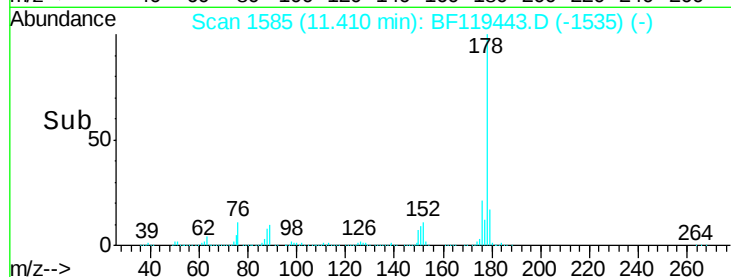
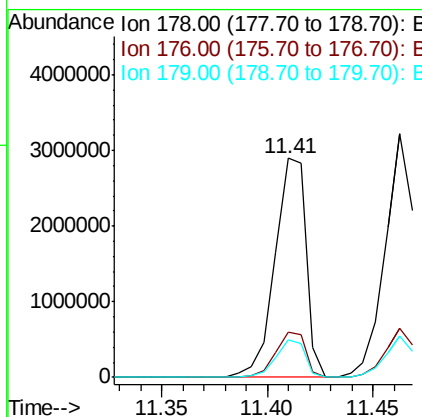
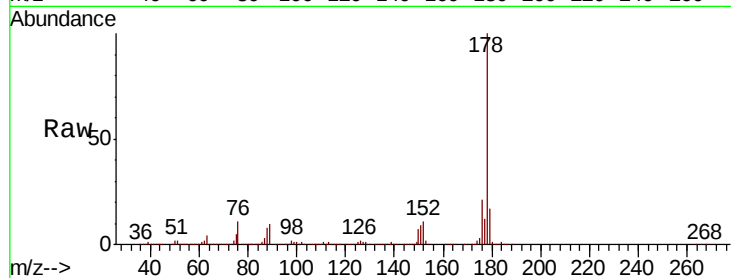




#71
Phenanthrene
Concen: 38.049 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

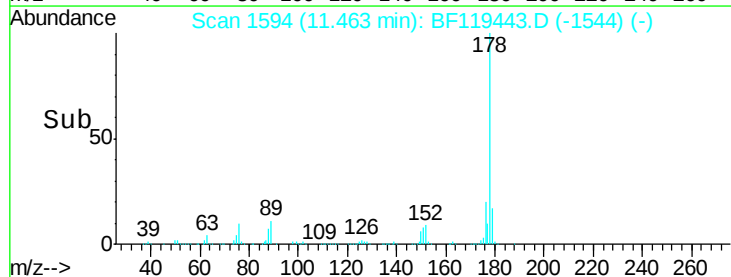
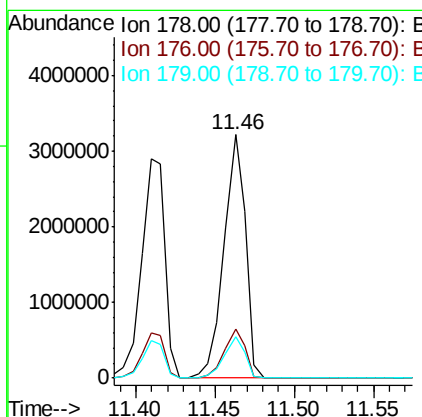
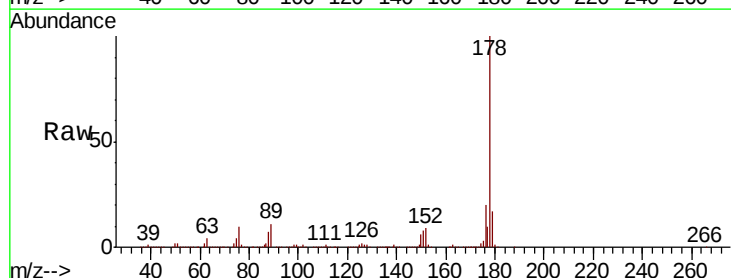
Instrument :
BNA_N
ClientSampleId :

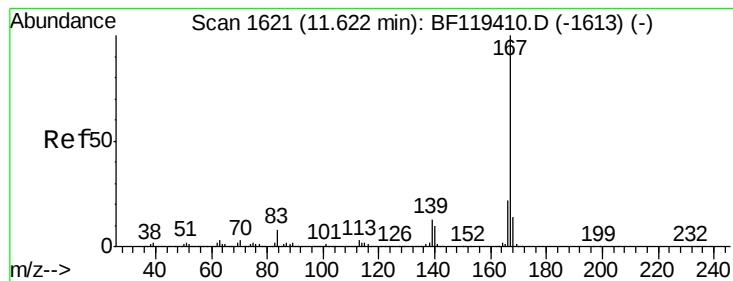
Tot Ion:178 Resp: 2983799
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 17.0 12.9 19.3



#72
Anthracene
Concen: 38.046 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

Tgt Ion:178 Resp: 3032339
Ion Ratio Lower Upper
178 100
176 20.4 15.6 23.4
179 16.7 13.1 19.7





#73

Carbazole

Concen: 35.771 ng

RT: 11.62 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

Instrument :

BNA_N

ClientSampleId :

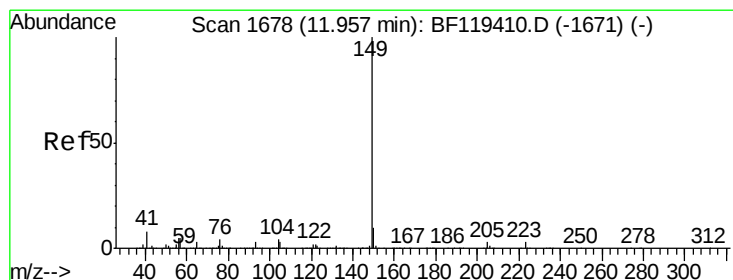
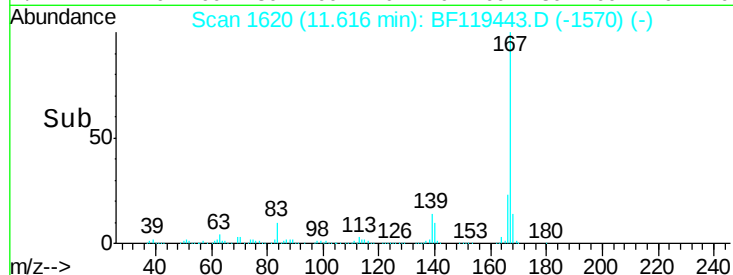
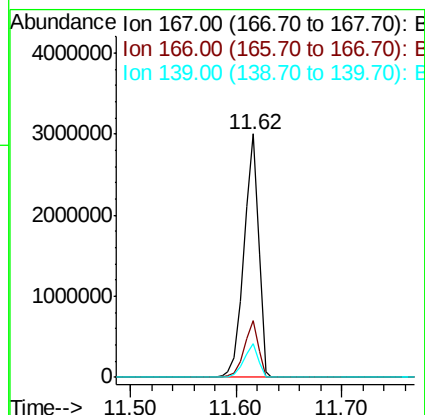
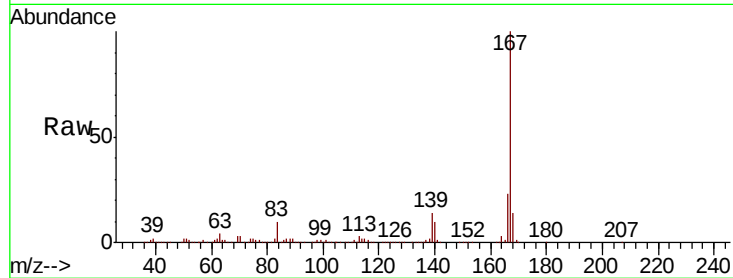
Tot Ion:167 Resp: 2821947

Ion Ratio Lower Upper

167 100

166 23.2 17.8 26.6

139 13.7 10.2 15.4



#74

Di-n-butylphthalate

Concen: 40.153 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

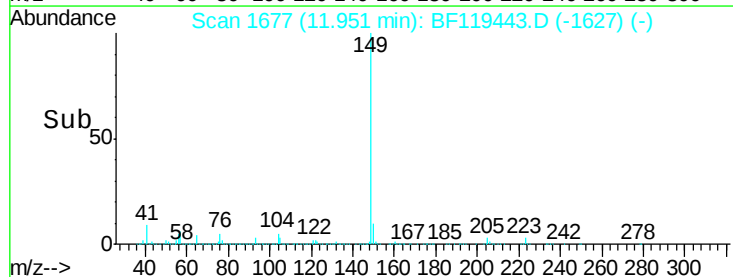
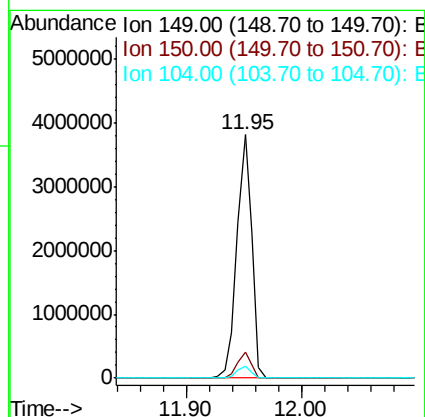
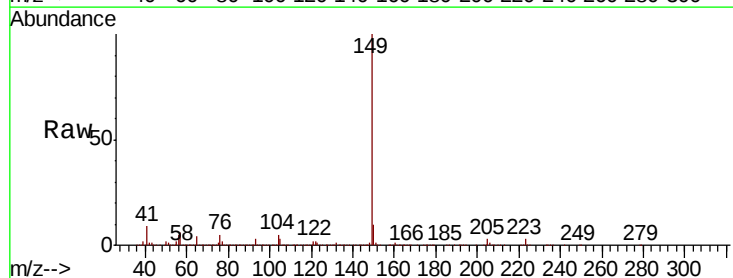
Tgt Ion:149 Resp: 3388549

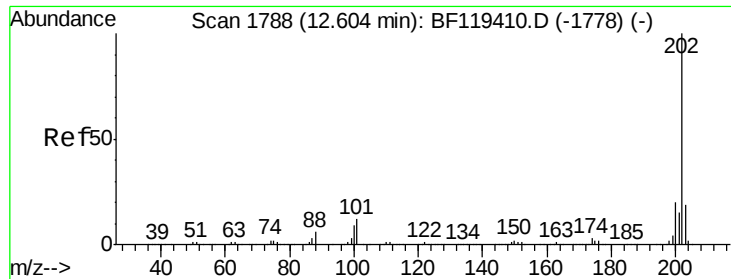
Ion Ratio Lower Upper

149 100

150 10.5 7.6 11.4

104 5.1 3.5 5.3

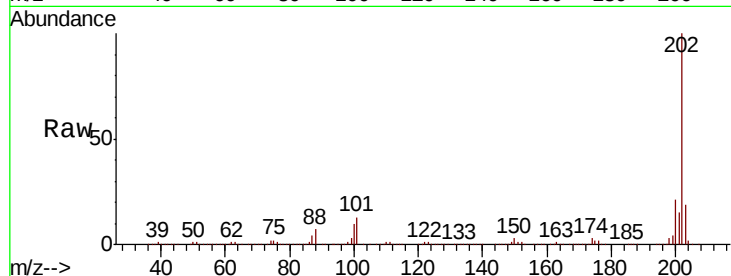




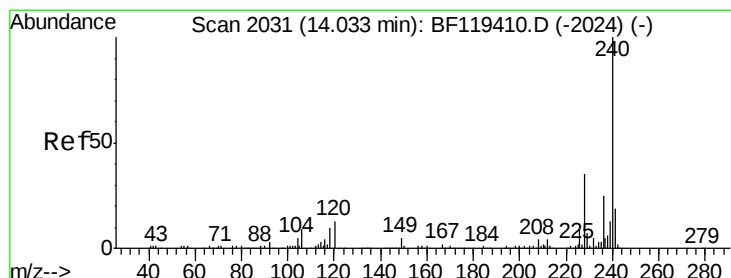
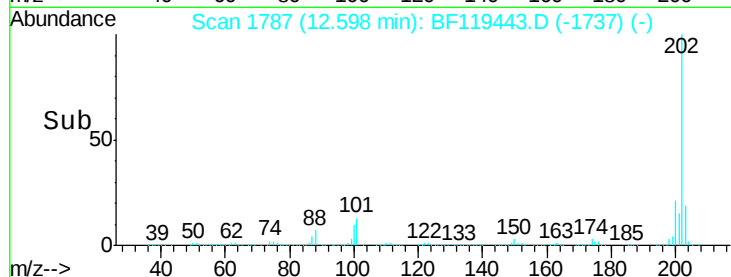
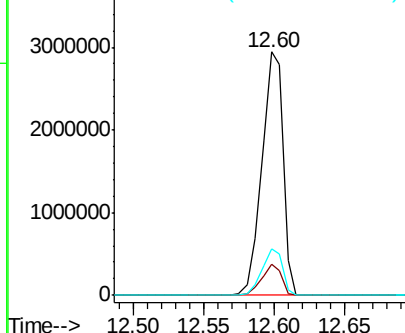
#75
Fluoranthene
Concen: 37.034 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 3143041
Ion Ratio Lower Upper
202 100
101 13.0 0.0 32.4
203 18.9 0.0 38.5

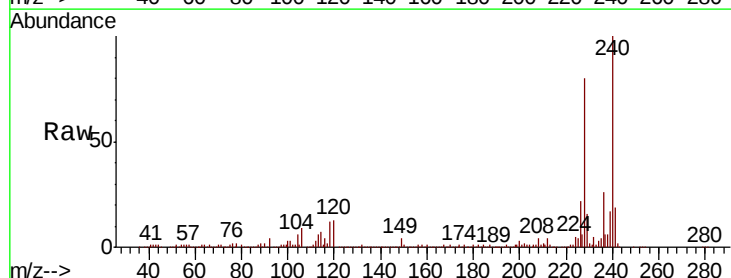


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

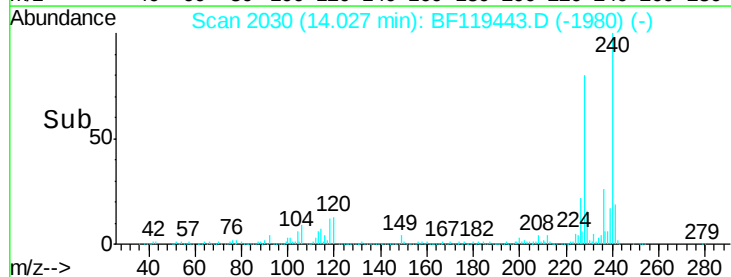
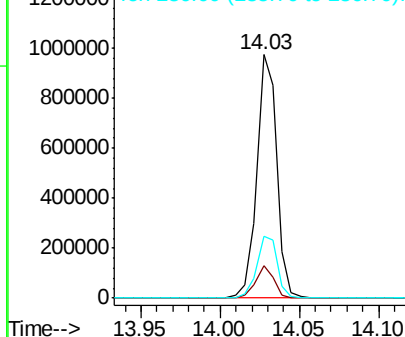


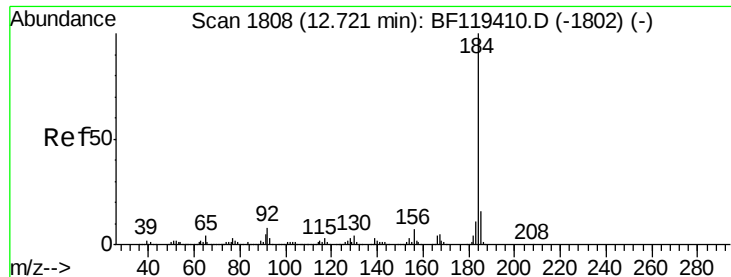
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

Tgt Ion:240 Resp: 850732
Ion Ratio Lower Upper
240 100
120 13.4 10.2 15.4
236 25.5 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: 15.890 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

Instrument :

BNA_N

ClientSampleId :

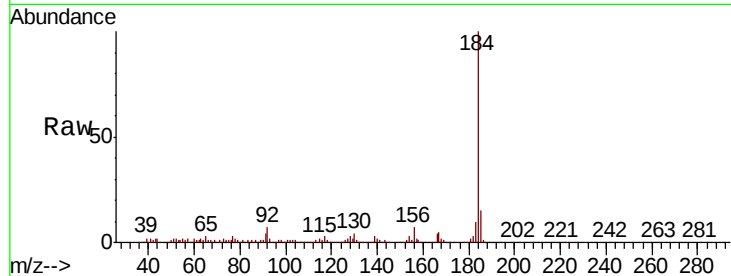
Tot Ion:184 Resp: 572104

Ion Ratio Lower Upper

184 100

185 14.9 12.9 19.3

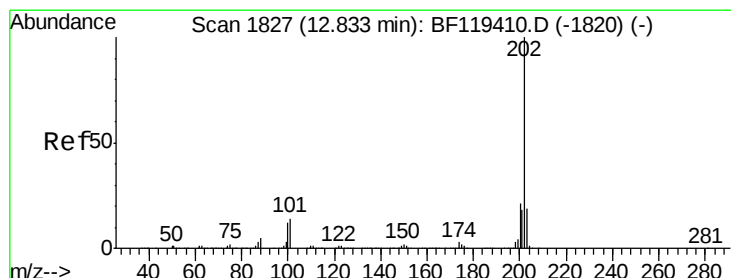
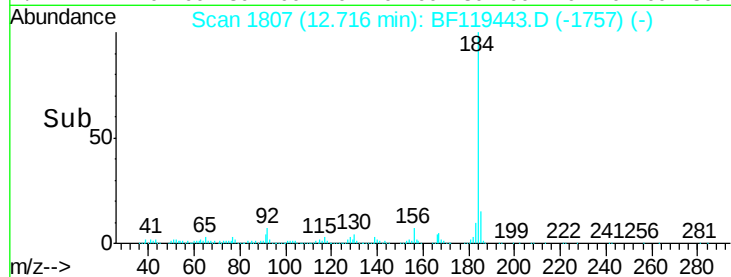
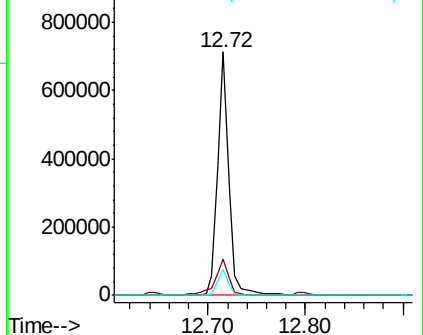
183 10.5 9.0 13.4



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: 45.051 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

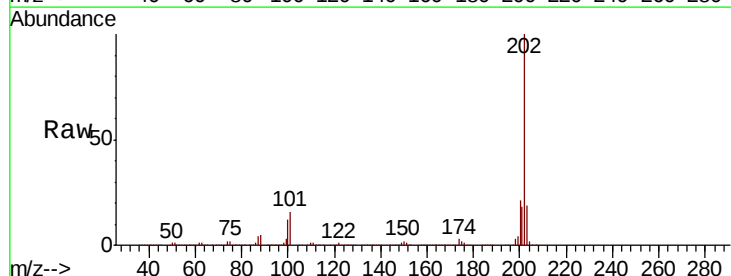
Tgt Ion:202 Resp: 3145374

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

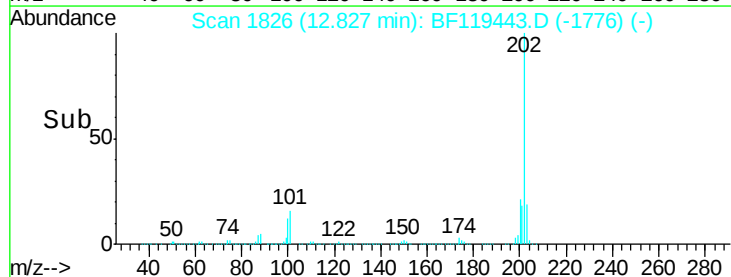
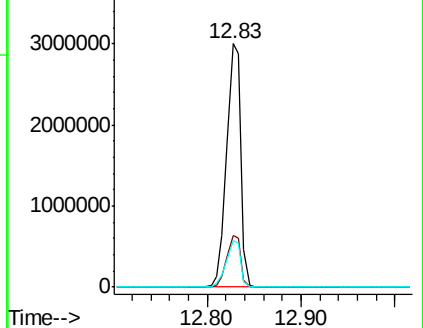
203 19.0 14.8 22.2



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: 79.744 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

Instrument :

BNA_N

ClientSampleId :

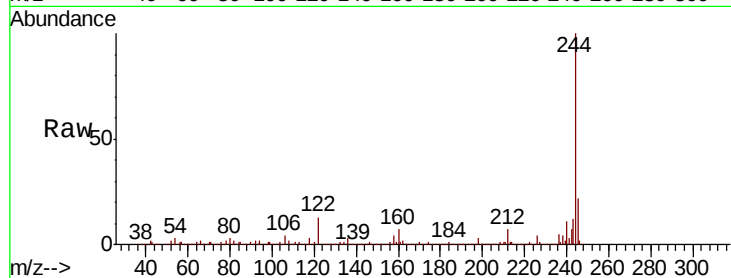
Tot Ion:244 Resp: 3462666

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

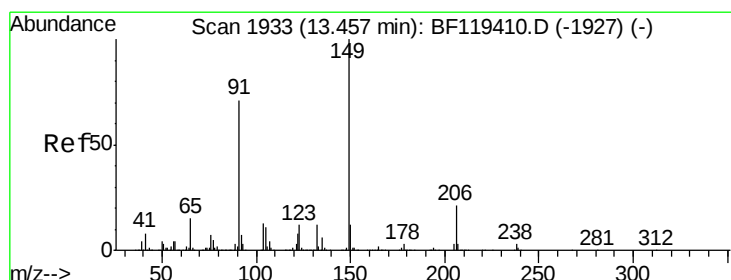
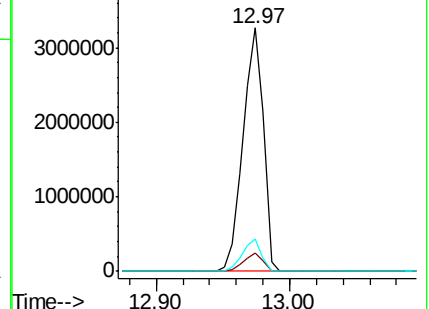
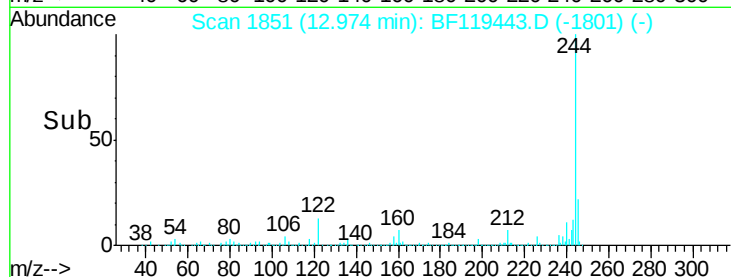
122 13.5 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.765 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

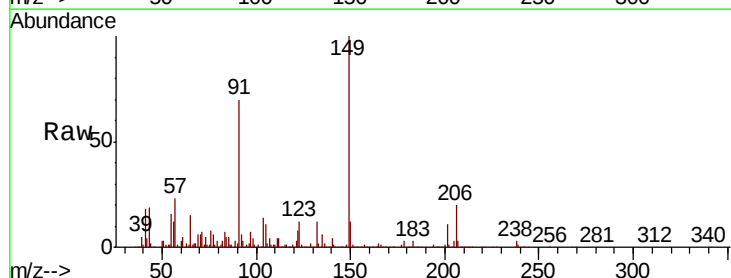
Tgt Ion:149 Resp: 1320571

Ion Ratio Lower Upper

149 100

91 70.2 57.0 85.6

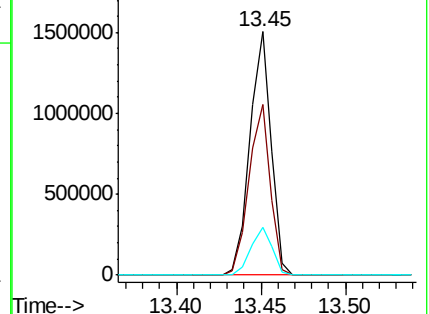
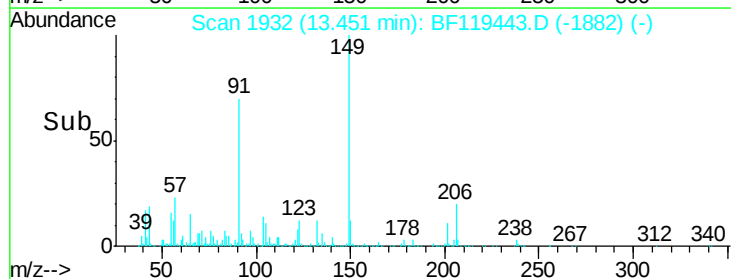
206 19.8 16.4 24.6

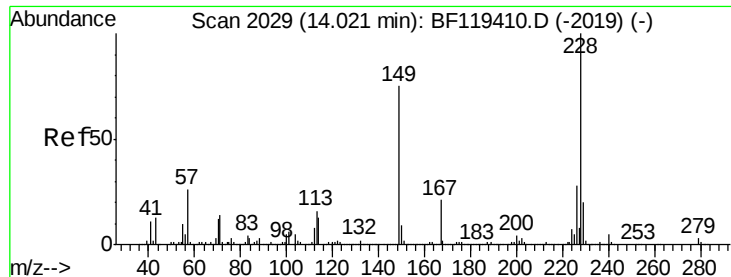


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.994 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

Instrument :

BNA_N

ClientSampleId :

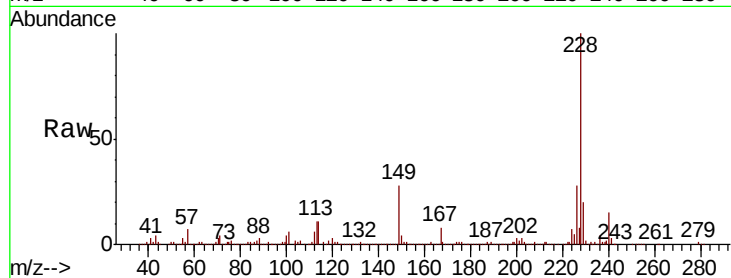
Tot Ion:228 Resp: 2212562

Ion Ratio Lower Upper

228 100

226 28.3 22.3 33.5

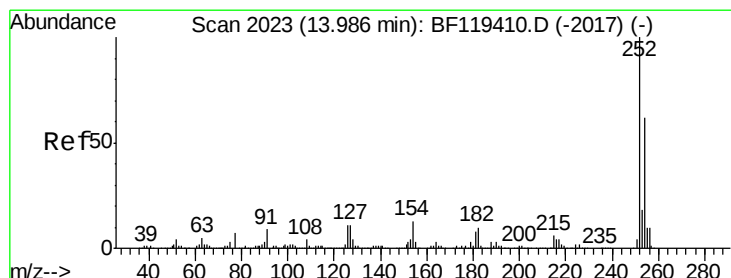
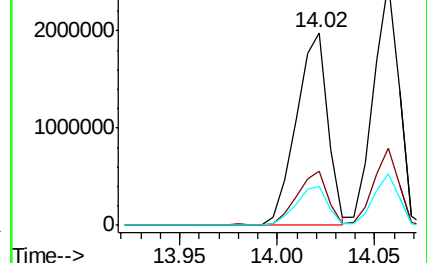
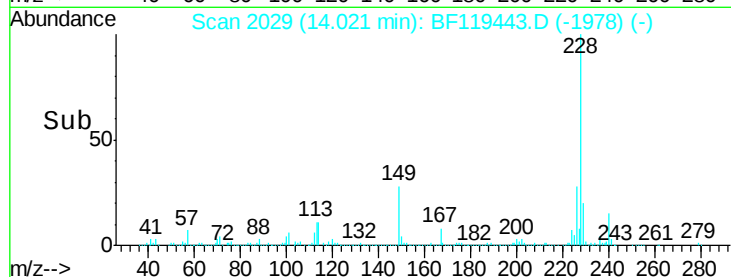
229 20.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.408 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

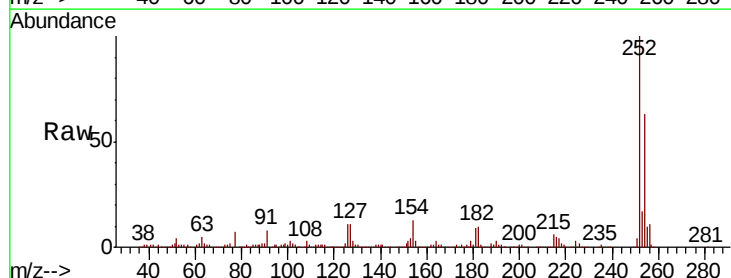
Tgt Ion:252 Resp: 728723

Ion Ratio Lower Upper

252 100

254 63.3 49.8 74.8

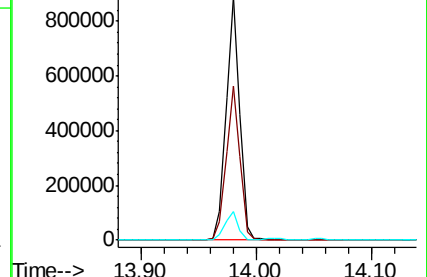
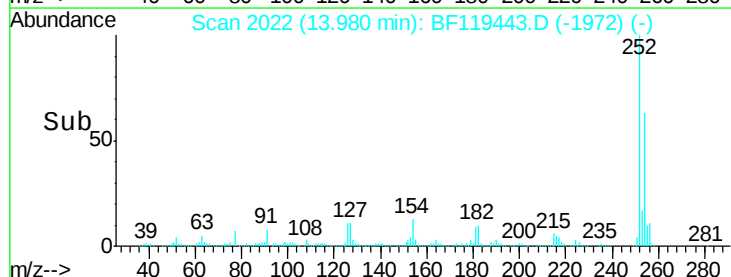
126 11.5 8.9 13.3

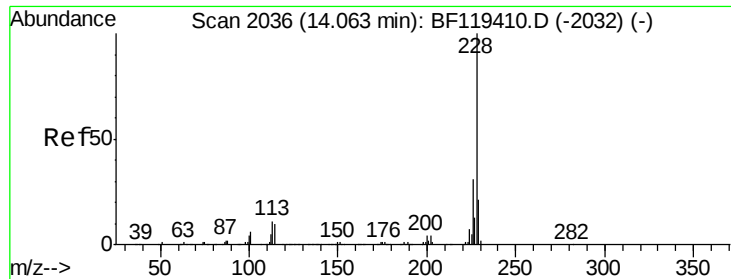


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.932 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

Instrument :

BNA_N

ClientSampleId :

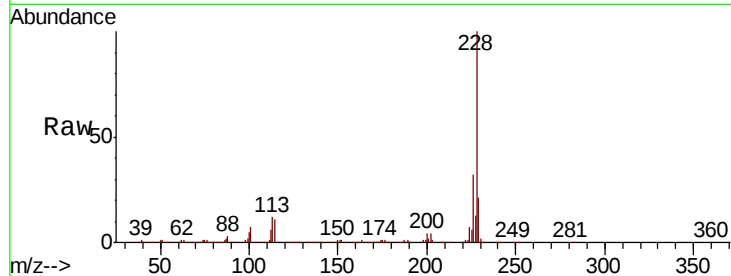
Tot Ion:228 Resp: 2279868

Ion Ratio Lower Upper

228 100

226 31.7 24.8 37.2

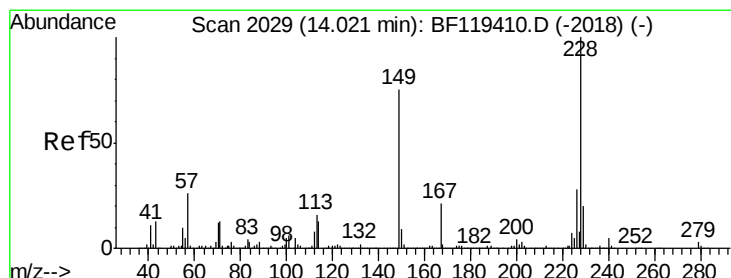
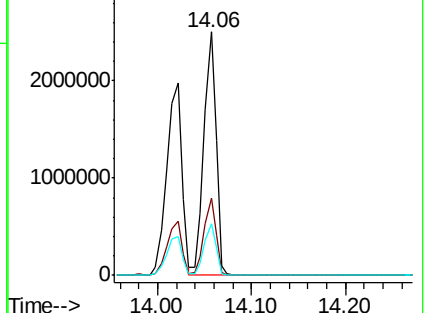
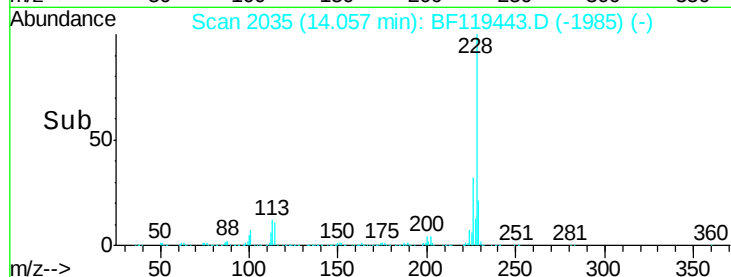
229 21.0 16.6 25.0



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: 48.889 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

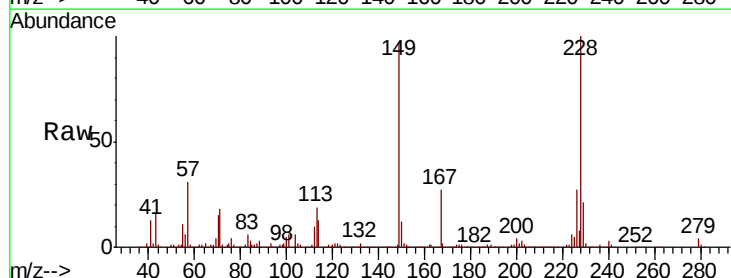
Tgt Ion:149 Resp: 1645752

Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

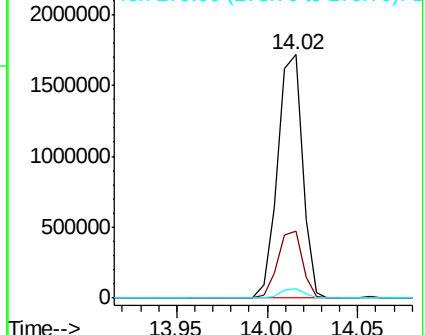
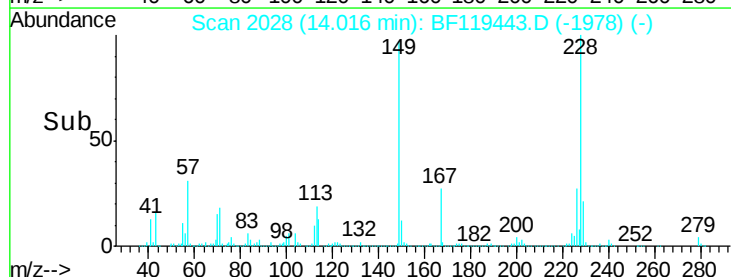
279 3.9 3.2 4.8

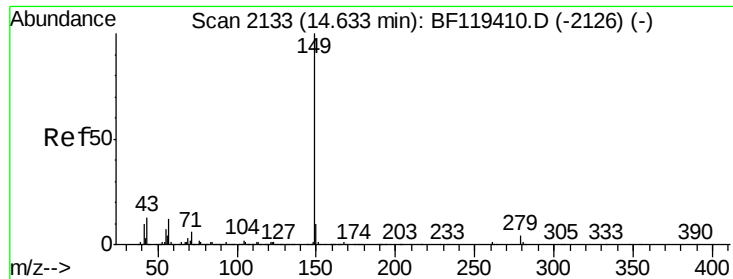


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

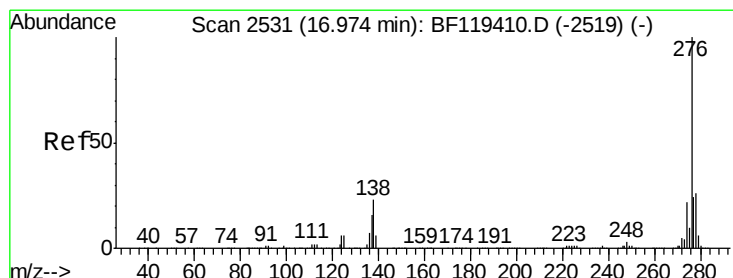
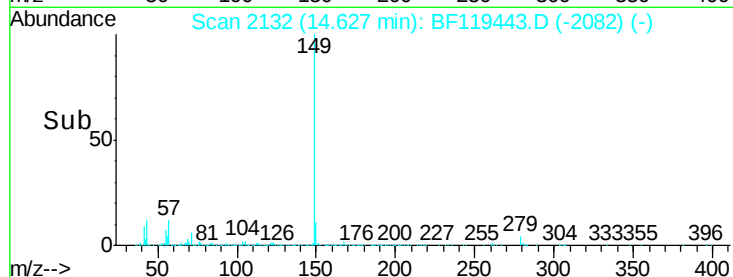
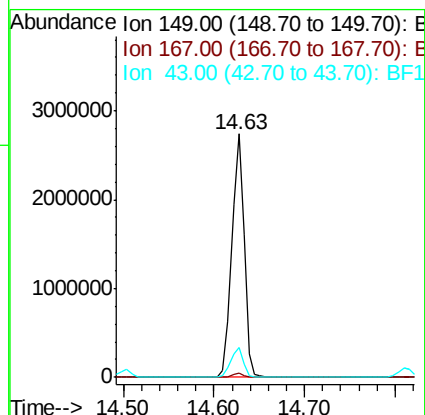
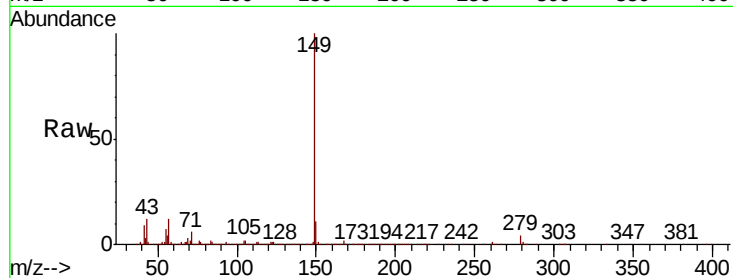




#85
Di-n-octyl phthalate
Concen: 43.782 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

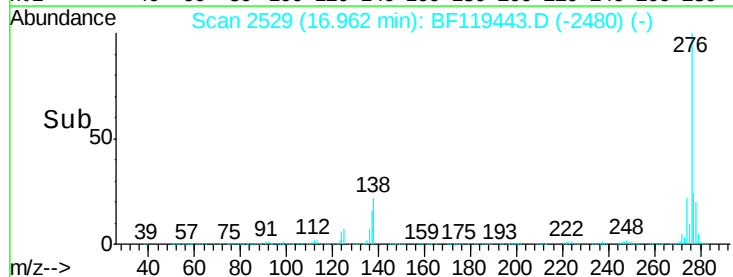
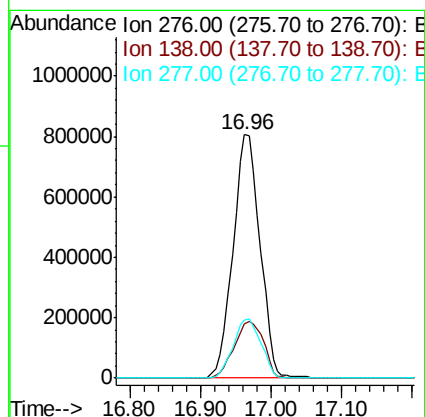
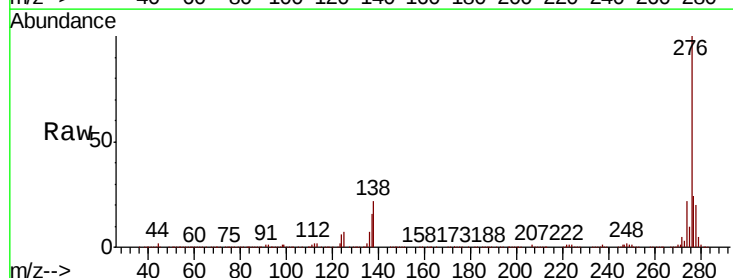
Instrument :
BNA_N
ClientSampleId :

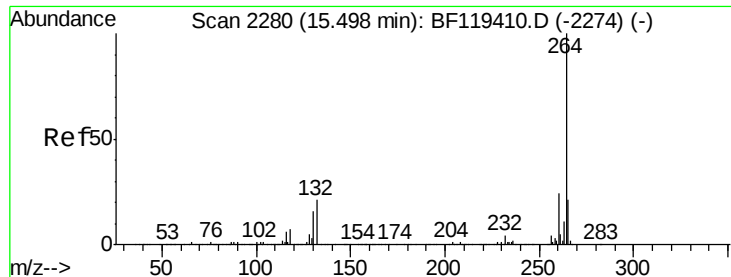
Tot Ion:149 Resp: 2592048
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7
43 12.2 10.1 15.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.706 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

Tgt Ion:276 Resp: 2135079
Ion Ratio Lower Upper
276 100
138 25.6 21.3 31.9
277 25.2 20.2 30.2

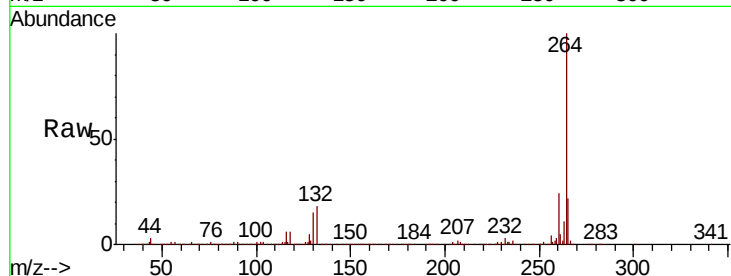




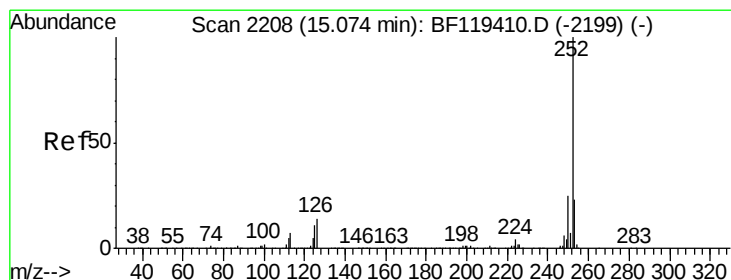
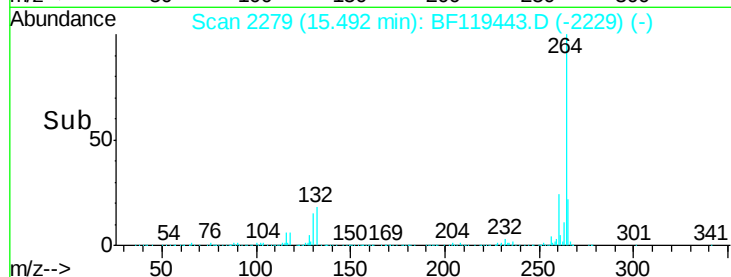
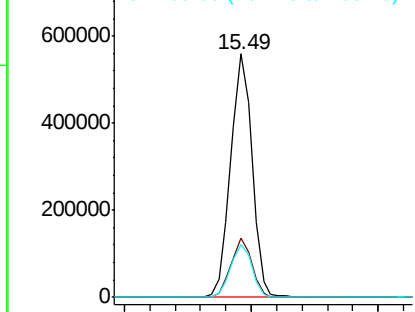
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion:264 Resp: 651639
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.7 16.9 25.3

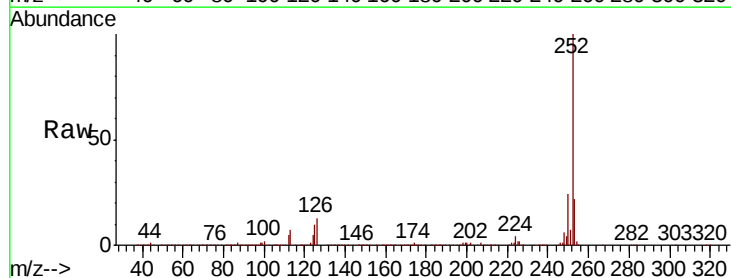


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

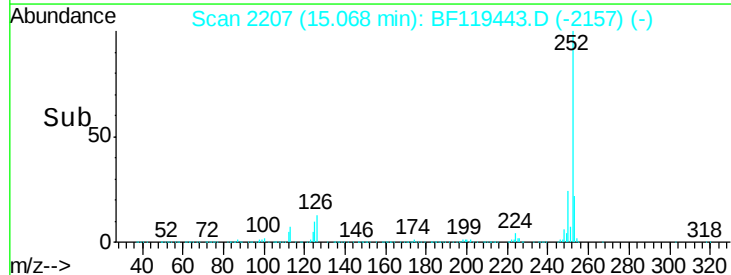
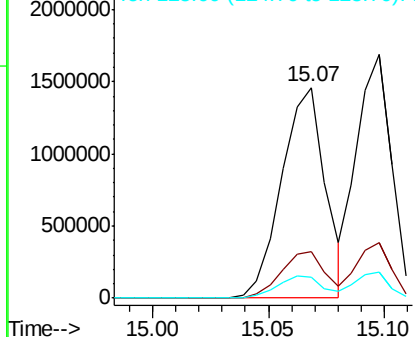


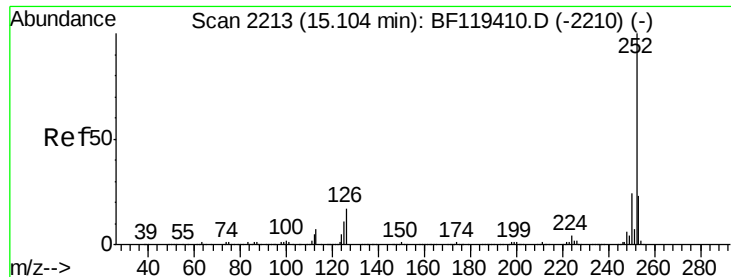
#88
Benzo(b)fluoranthene
Concen: 43.893 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

Tgt Ion:252 Resp: 1910654
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 9.9 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

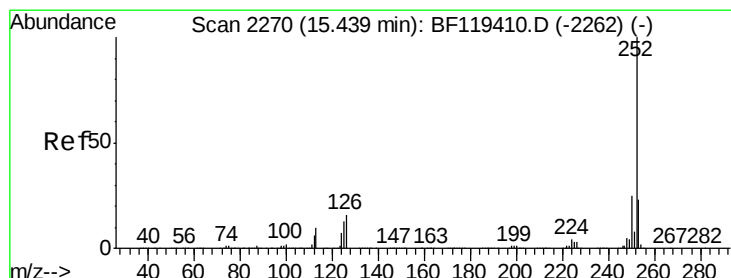
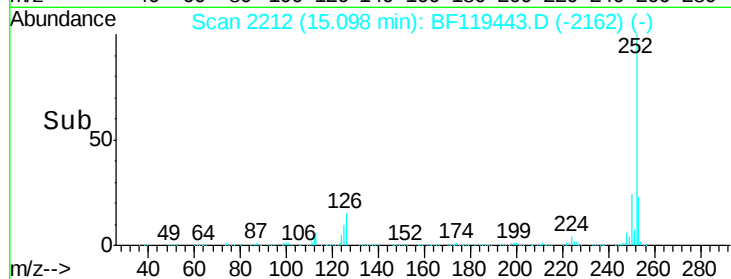
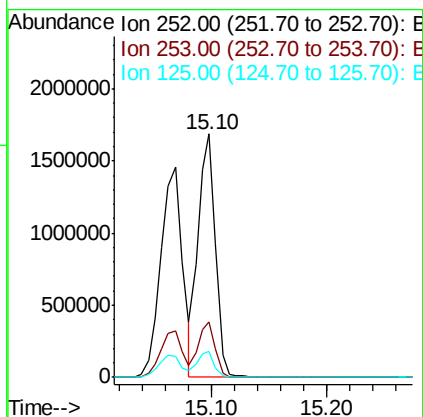
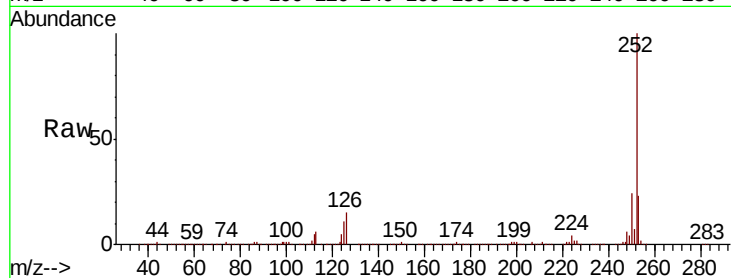




#89
Benzo(k)fluoranthene
Concen: 43.075 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

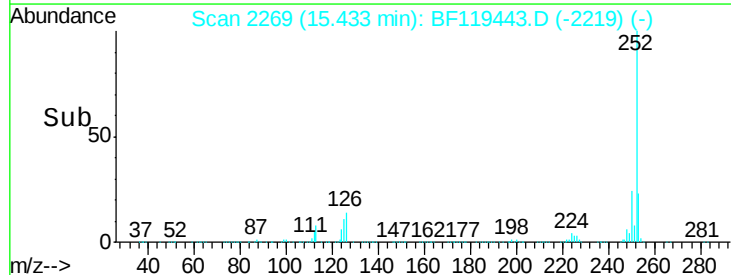
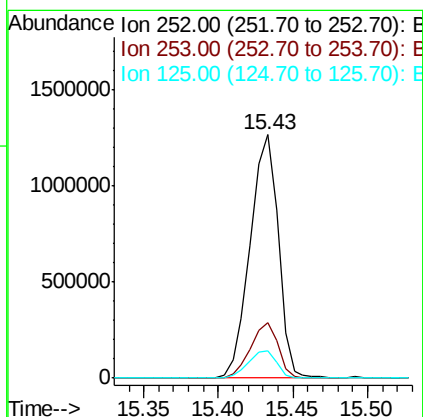
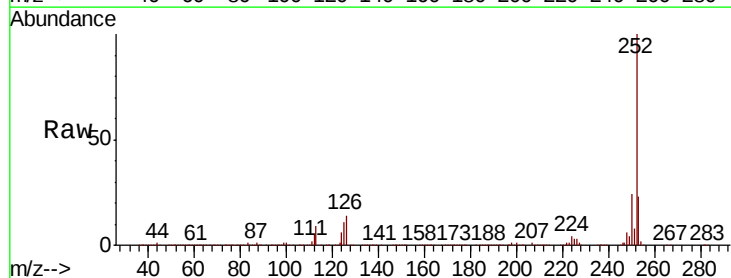
Instrument :
BNA_N
ClientSampleId :

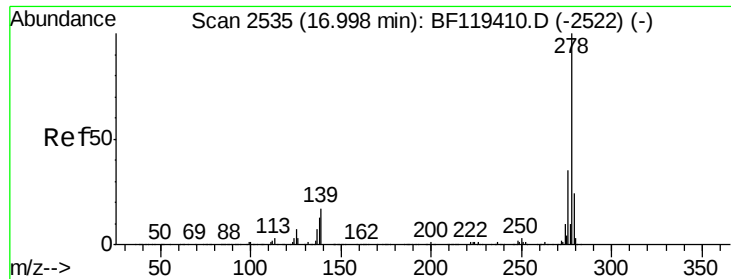
Tot Ion:252 Resp: 1785421
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 10.5 9.0 13.4



#90
Benzo(a)pyrene
Concen: 41.717 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF119443.D
Acq: 19 Mar 2020 17:29

Tgt Ion:252 Resp: 1650283
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 11.3 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 50.443 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

Instrument :

BNA_N

ClientSampled :

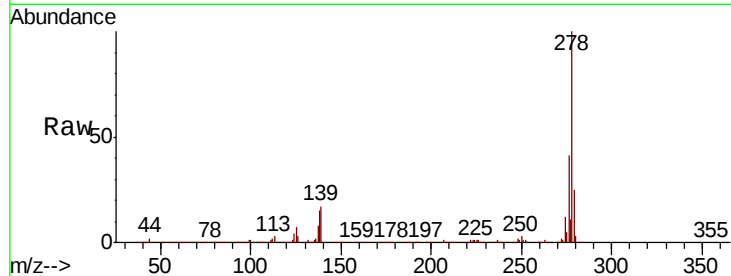
Tot Ion:278 Resp: 1745368

Ion Ratio Lower Upper

278 100

139 17.2 13.7 20.5

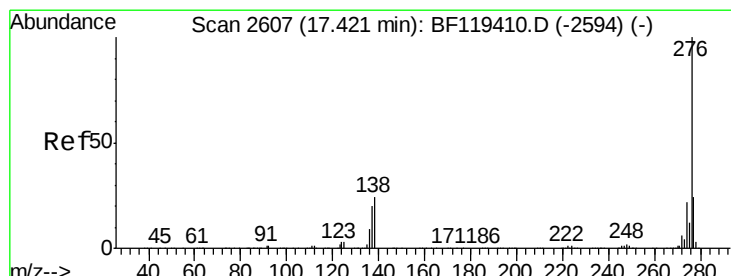
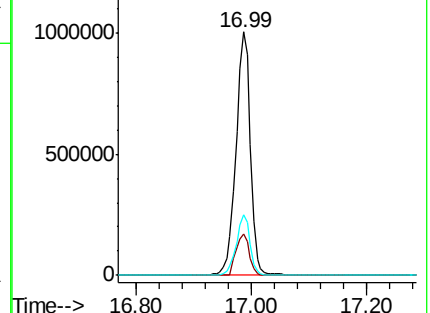
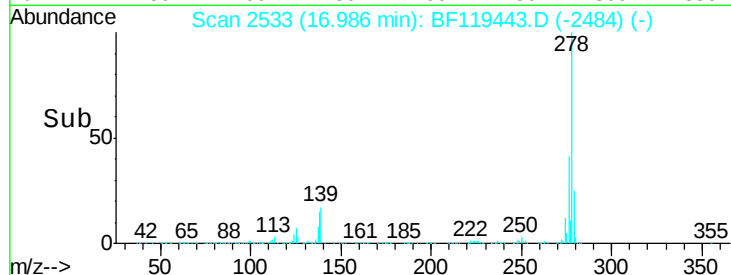
279 25.0 19.2 28.8



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: 54.936 ng

RT: 17.42 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BF119443.D

Acq: 19 Mar 2020 17:29

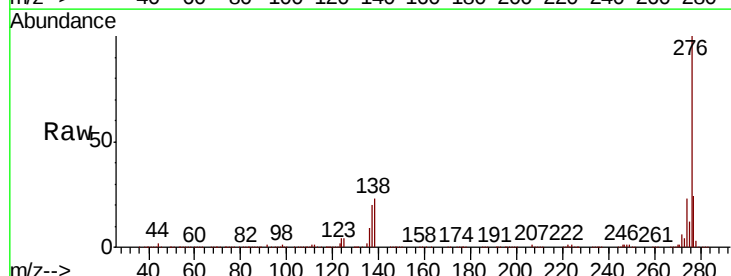
Tgt Ion:276 Resp: 1909643

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 23.3 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

