

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
 Data File : BF119471.D
 Acq On : 20 Mar 2020 14:44
 Operator : CG/JU
 Sample : L1749-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 20 18:54:31 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	329236	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1281428	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	659741	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1250243	20.00	ng	0.00
76) Chrysene-d12	14.03	240	715082	20.00	ng	0.00
87) Perylene-d12	15.50	264	711091	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	2094633	101.28	ng	0.01
7) Phenol-d6	6.48	99	2732547	103.43	ng	0.00
23) Nitrobenzene-d5	7.42	82	1725081	73.16	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	751799	110.46	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3037094	68.20	ng	0.00
79) Terphenyl-d14	12.97	244	3115800	85.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	330621	32.367	ng	99
3) Pyridine	3.41	79	822687	29.235	ng	98
4) n-Nitrosodimethylamine	3.36	42	481318	35.074	ng	99
6) Aniline	6.51	93	953098	26.139	ng	99
8) 2-Chlorophenol	6.64	128	902967	41.570	ng	97
9) Benzaldehyde	6.40	77	583628	34.823	ng	98
10) Phenol	6.49	94	1154173	40.942	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	869848	38.580	ng	97
12) 1,3-Dichlorobenzene	6.79	146	901052	38.327	ng	99
13) 1,4-Dichlorobenzene	6.87	146	916942	38.993	ng	100
14) 1,2-Dichlorobenzene	7.03	146	857229	39.000	ng	98
15) Benzyl Alcohol	6.99	79	782023	39.350	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1659065	36.481	ng	99
17) 2-Methylphenol	7.10	107	737106	37.036	ng	98
18) Hexachloroethane	7.37	117	345716	40.117	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	620220	38.948	ng	100
20) 3+4-Methylphenols	7.26	107	878570	36.020	ng	# 85
22) Acetophenone	7.26	105	1161603	37.937	ng	94
24) Nitrobenzene	7.43	77	935424	37.123	ng	99
25) Isophorone	7.67	82	1719123	35.943	ng	100
26) 2-Nitrophenol	7.75	139	473892	47.765	ng	98
27) 2,4-Dimethylphenol	7.79	122	839175	40.906	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	1094501	38.698	ng	99
29) 2,4-Dichlorophenol	7.99	162	730541	38.756	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	782951	37.558	ng	99
31) Naphthalene	8.16	128	2499764	37.907	ng	100
32) Benzoic acid	7.91	122	531293	40.261	ng	97
33) 4-Chloroaniline	8.20	127	490906	16.246	ng	98
34) Hexachlorobutadiene	8.28	225	445100	38.162	ng	98
35) Caprolactam	8.58	113	148540	24.078	ng	100
36) 4-Chloro-3-methylphenol	8.69	107	790895	38.389	ng	99
37) 2-Methylnaphthalene	8.86	142	1688343	39.011	ng	99
38) 1-Methylnaphthalene	8.96	142	1590009	38.815	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	721323	37.302	ng	98

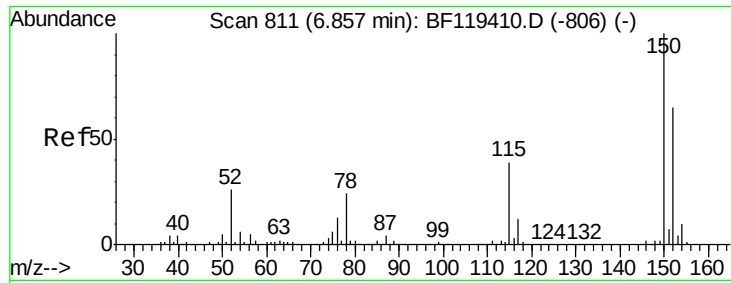
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	734234	66.787	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	540048	39.025	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	566386	36.536	ng	99
46) 1,1'-Biphenyl	9.32	154	1978691	36.825	ng	98
47) 2-Chloronaphthalene	9.35	162	1558570	37.030	ng	99
48) 2-Nitroaniline	9.44	65	585095	40.275	ng	92
49) Acenaphthylene	9.76	152	2478229	37.495	ng	100
50) Dimethylphthalate	9.62	163	2116237	45.159	ng	98
51) 2,6-Dinitrotoluene	9.68	165	414727	41.289	ng	95
52) Acenaphthene	9.93	154	1628017	39.510	ng	100
53) 3-Nitroaniline	9.85	138	262910	20.733	ng	97
54) 2,4-Dinitrophenol	9.95	184	313739	72.896	ng	93
55) Dibenzofuran	10.11	168	2209965	37.408	ng	98
56) 4-Nitrophenol	10.01	139	739335	73.906	ng	93
57) 2,4-Dinitrotoluene	10.09	165	551028	43.548	ng	96
58) Fluorene	10.45	166	1660108	38.000	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	463623	40.010	ng	98
60) Diethylphthalate	10.33	149	1881459	39.558	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	802117	37.546	ng	98
62) 4-Nitroaniline	10.46	138	411259	33.820	ng	97
63) Azobenzene	10.60	77	1781995	37.206	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	226067	43.121	ng	97
66) n-Nitrosodiphenylamine	10.56	169	1548698	37.733	ng	97
67) 4-Bromophenyl-phenylether	10.93	248	530135	37.232	ng	95
68) Hexachlorobenzene	11.00	284	559349	38.383	ng	98
69) Atrazine	11.09	200	467293	41.529	ng	99
70) Pentachlorophenol	11.19	266	621199	72.698	ng	99
71) Phenanthrene	11.42	178	2496077	38.503	ng	100
72) Anthracene	11.46	178	2516445	38.193	ng	100
73) Carbazole	11.62	167	2323966	35.635	ng	98
74) Di-n-butylphthalate	11.95	149	2894497	41.490	ng	98
75) Fluoranthene	12.60	202	2588844	36.899	ng	98
77) Benzidine	12.72	184	1381397	45.647	ng	98
78) Pyrene	12.83	202	2558464	43.596	ng	100
80) Butylbenzylphthalate	13.45	149	1179379	49.688	ng	99
81) Benzo(a)anthracene	14.02	228	1749826	37.630	ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	612961	33.432	ng	97
83) Chrysene	14.06	228	1787118	37.239	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1498499	52.960	ng	99
85) Di-n-octyl phthalate	14.63	149	2391107	48.050	ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	1969595	43.577	ng	98
88) Benzo(b)fluoranthene	15.07	252	1749995	36.841	ng	98
89) Benzo(k)fluoranthene	15.10	252	1589443	35.141	ng	98
90) Benzo(a)pyrene	15.44	252	1567489	36.311	ng	98
91) Dibenzo(a,h)anthracene	17.00	278	1631675	43.214	ng	99
92) Benzo(g,h,i)perylene	17.43	276	1718777	45.312	ng	97

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

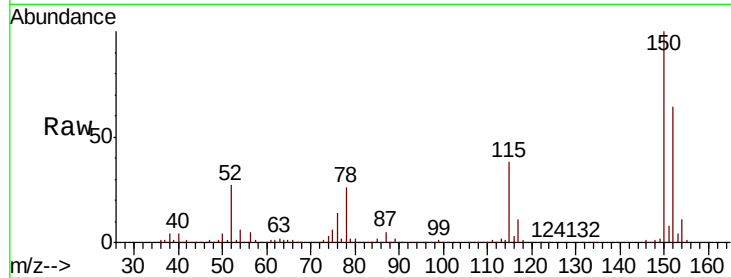


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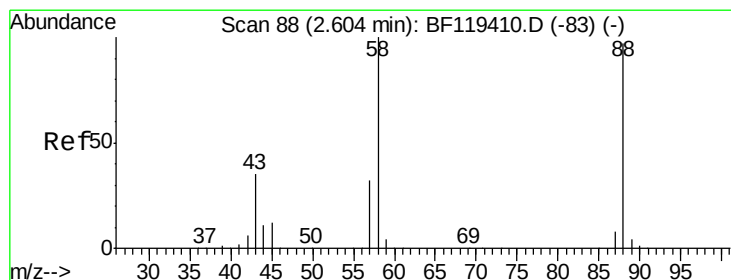
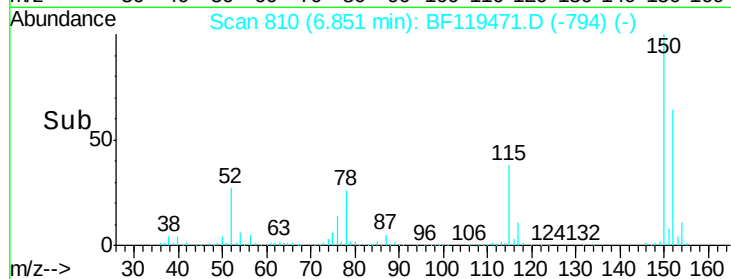
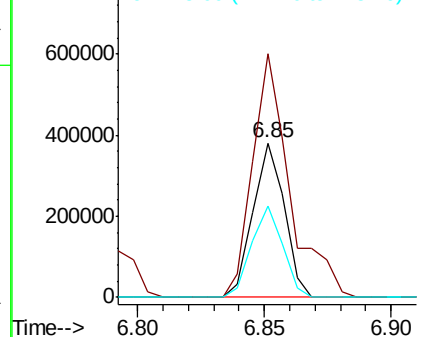
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 329236
Ion Ratio Lower Upper
152 100
150 157.4 123.9 185.9
115 59.0 47.8 71.6



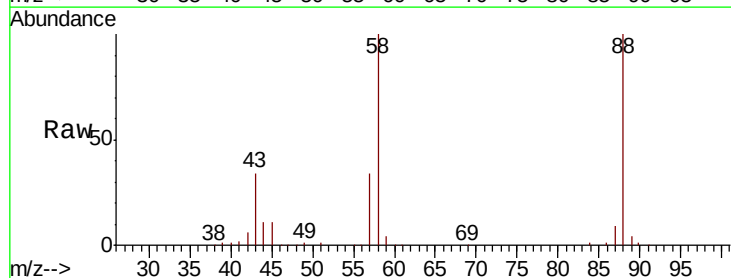
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



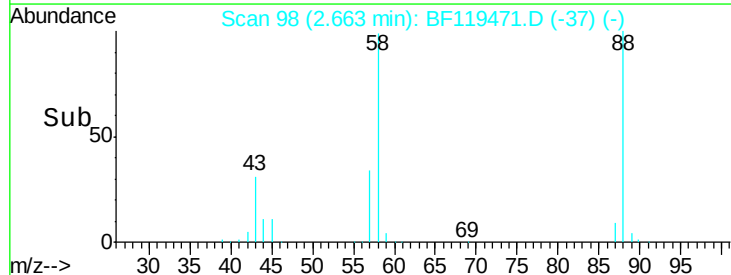
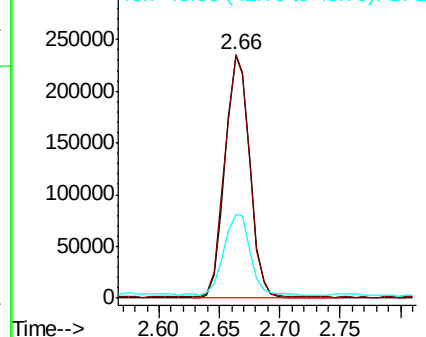
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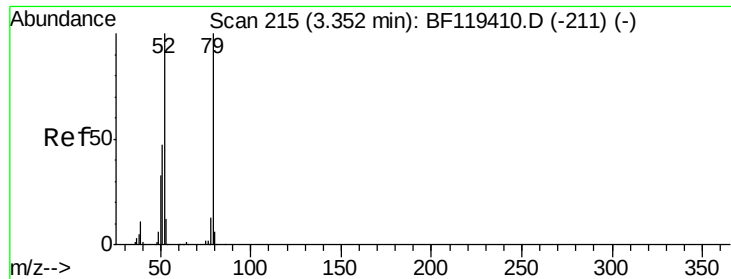
1,4-Dioxane
Concen: 32.367 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.06 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Tgt Ion: 88 Resp: 330621
Ion Ratio Lower Upper
88 100
58 100.0 79.4 119.2
43 35.0 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

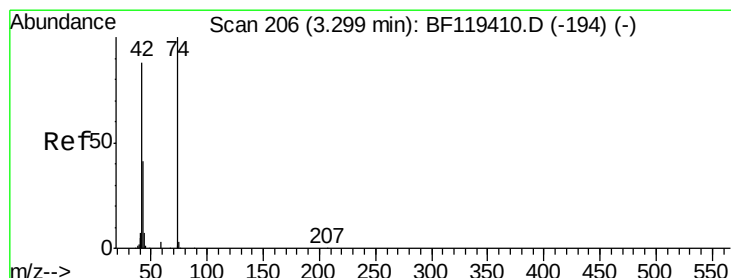
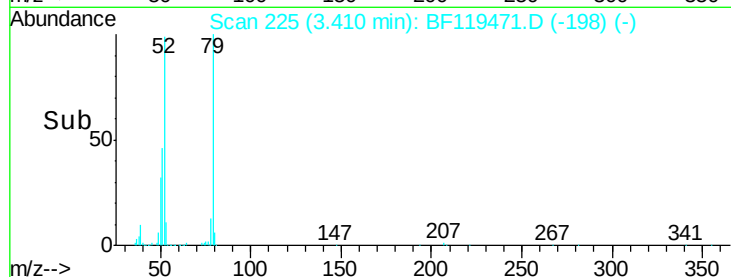
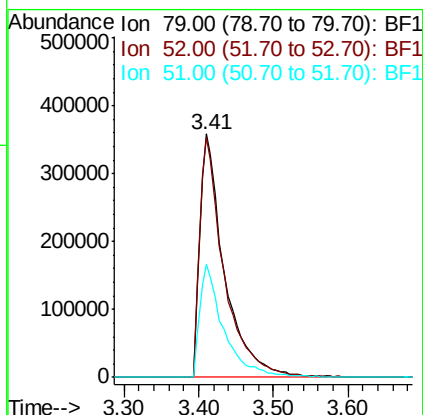
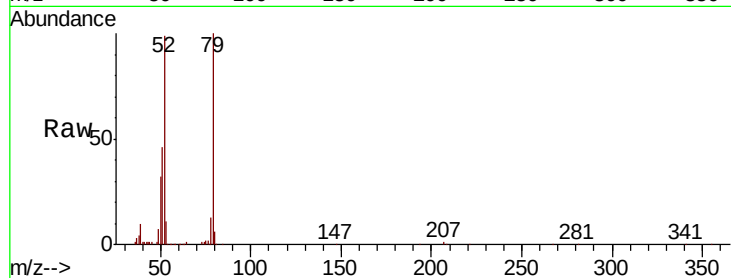




#3
 Pvridine
 Concen: 29.235 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.06 min
 Lab File: BF119471.D
 Acq: 20 Mar 2020 14:44

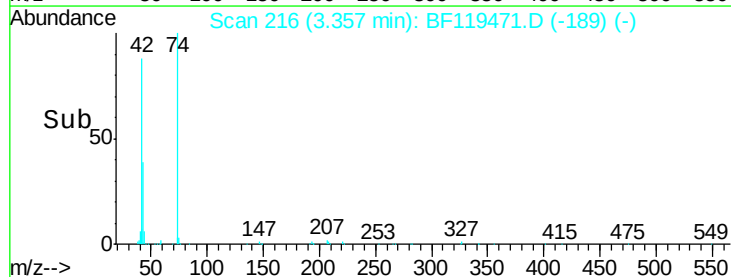
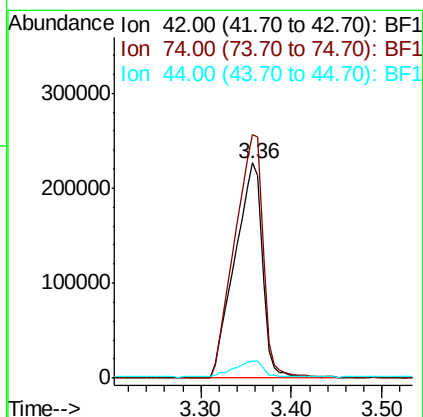
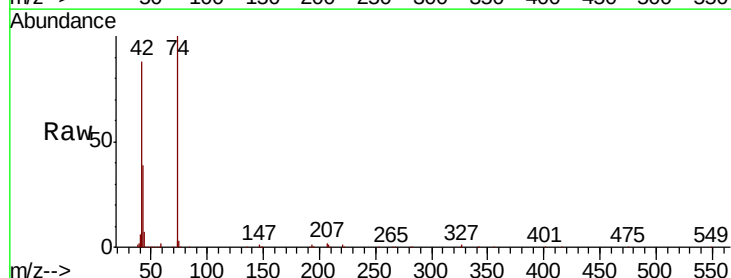
Instrument :
 BNA_F
 ClientSampleId :

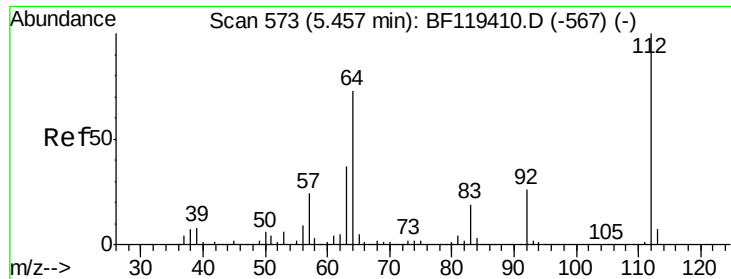
Tot Ion	Ratio	Lower	Upper
79	100		
52	98.6	80.0	120.0
51	46.3	37.9	56.9



#4
 n-Nitrosodimethylamine
 Concen: 35.074 ng
 RT: 3.36 min Scan# 216
 Delta R.T. 0.06 min
 Lab File: BF119471.D
 Acq: 20 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	113.2	91.3	136.9
44	7.7	7.1	10.7





#5

2-Fluorophenol

Concen: 101.279 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

Instrument :

BNA_F

ClientSampled :

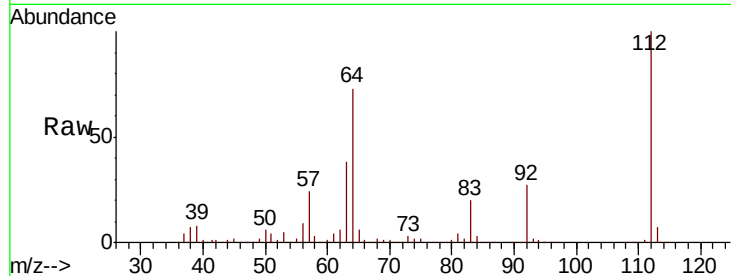
Tot Ion:112 Resp: 2094633

Ion Ratio Lower Upper

112 100

64 73.1 58.1 87.1

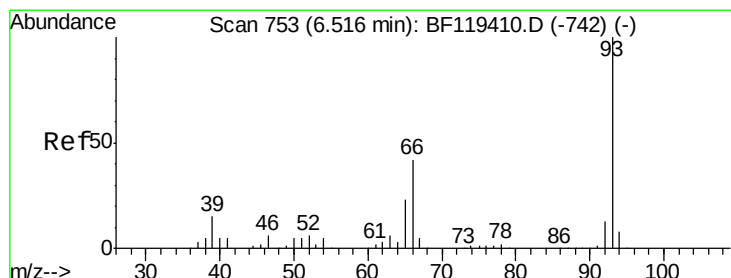
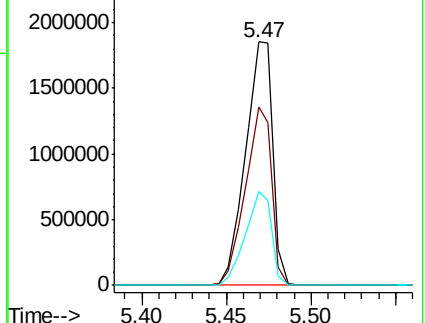
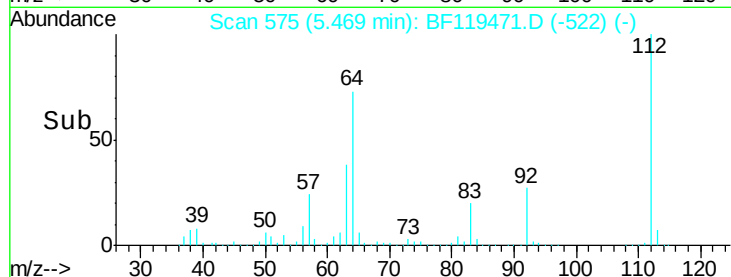
63 38.3 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.139 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

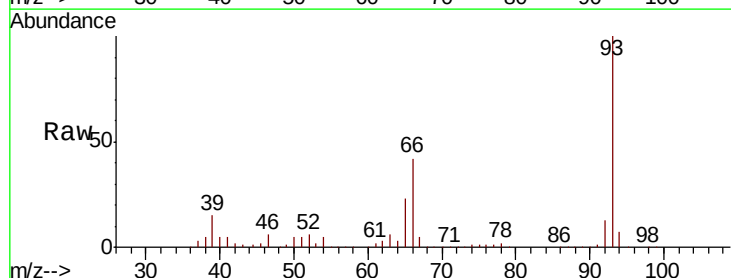
Tgt Ion: 93 Resp: 953098

Ion Ratio Lower Upper

93 100

66 42.2 34.2 51.4

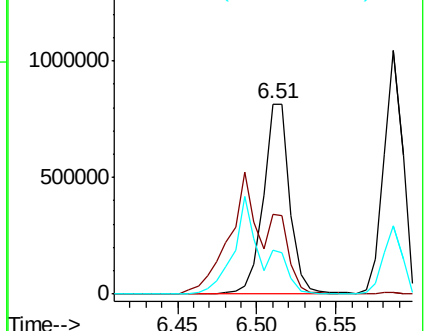
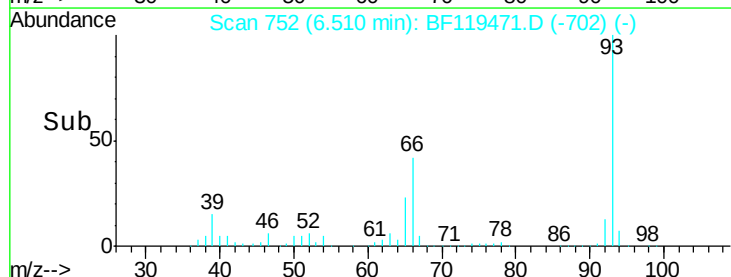
65 22.8 18.2 27.4

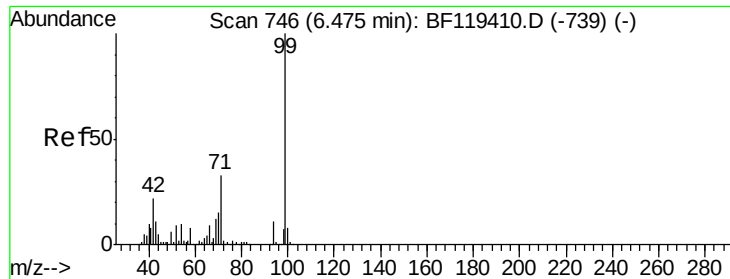


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.429 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

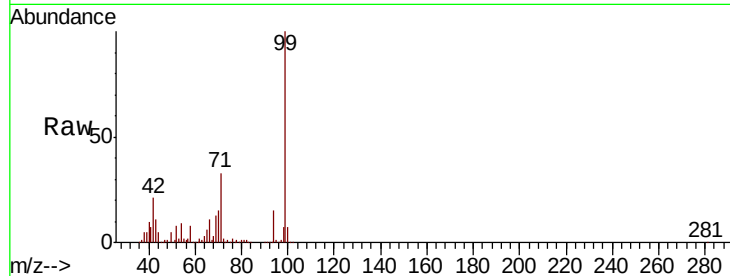
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2732547

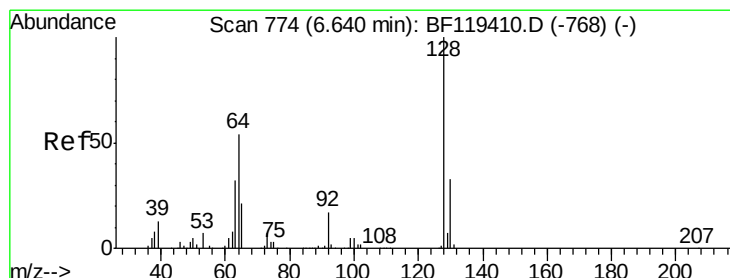
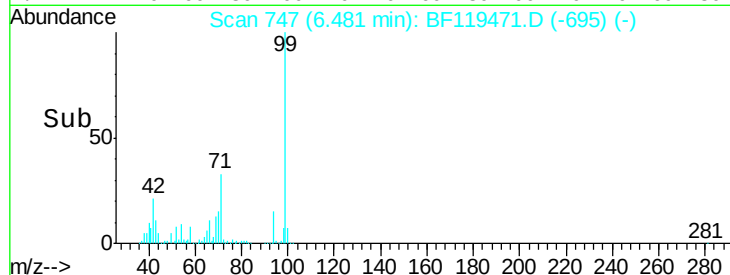
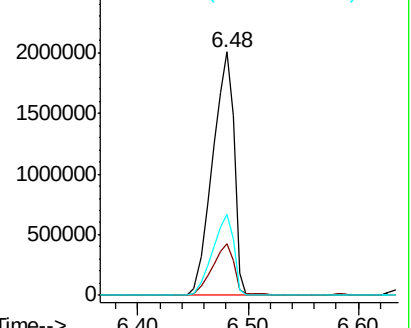
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.8	26.6
71	33.5	26.0	39.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.570 ng

RT: 6.64 min Scan# 774

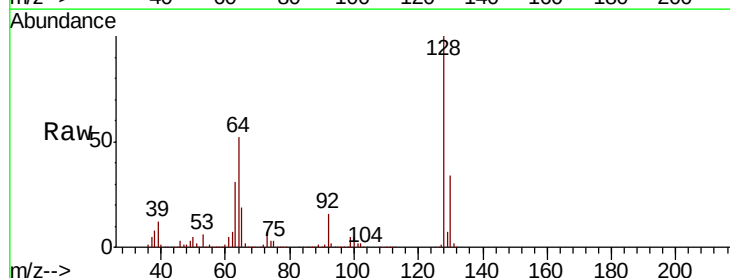
Delta R.T. -0.00 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

Tgt Ion: 128 Resp: 902967

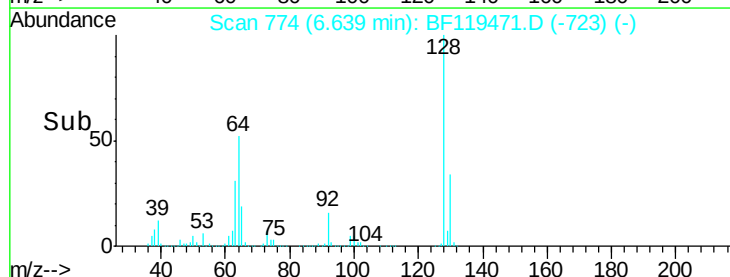
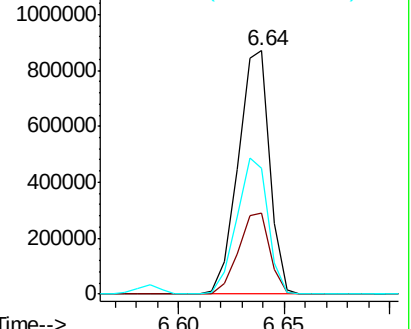
Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.0	53.0
64	51.8	35.1	75.1

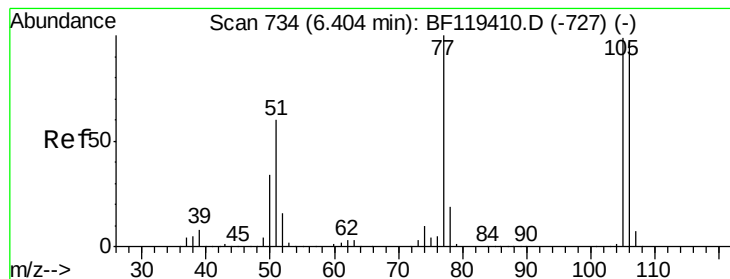


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.823 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

Instrument :

BNA_F

ClientSampleId :

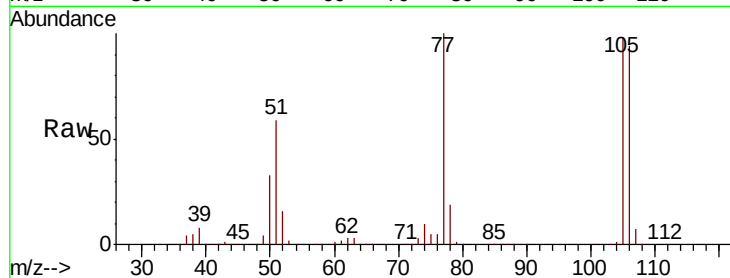
Tot Ion: 77 Resp: 583628

Ion Ratio Lower Upper

77 100

105 98.4 78.6 118.6

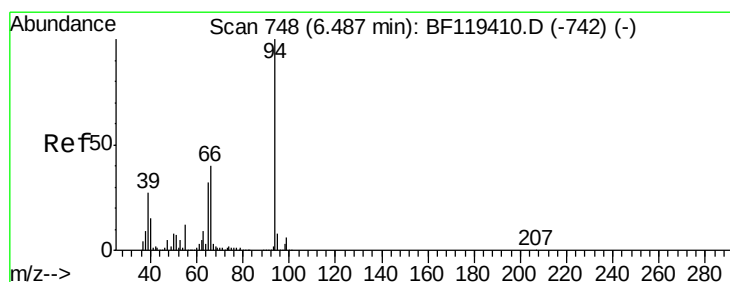
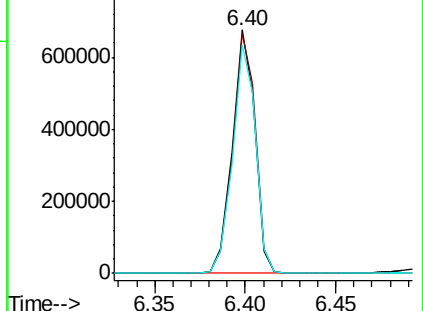
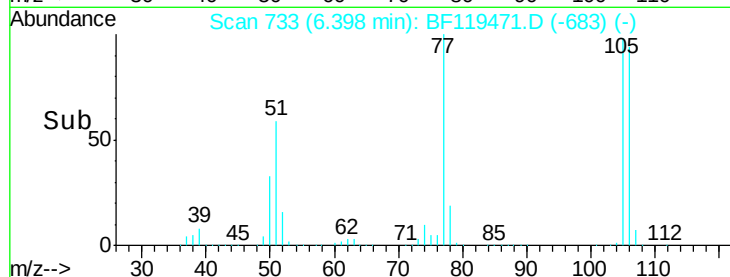
106 93.7 76.5 116.5



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: 40.942 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

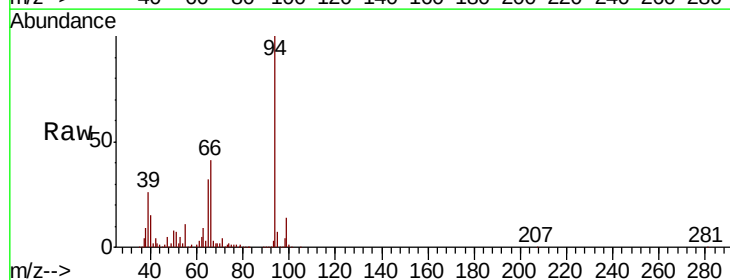
Tgt Ion: 94 Resp: 1154173

Ion Ratio Lower Upper

94 100

65 32.5 12.0 52.0

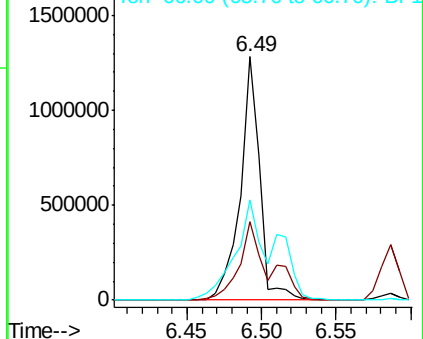
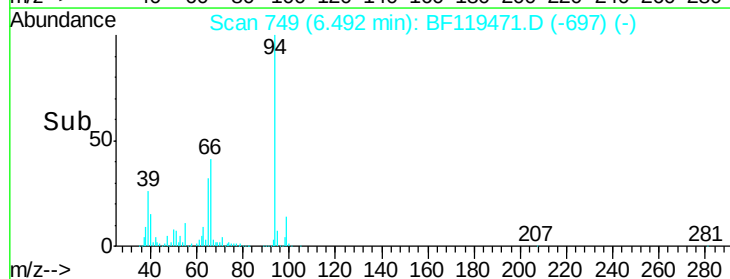
66 41.0 20.6 60.6

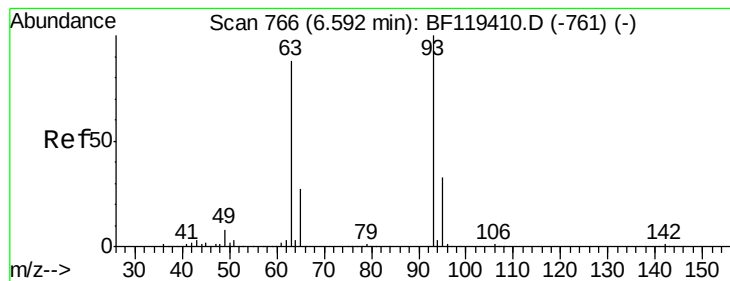


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.580 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

Instrument :

BNA_F

ClientSampleId :

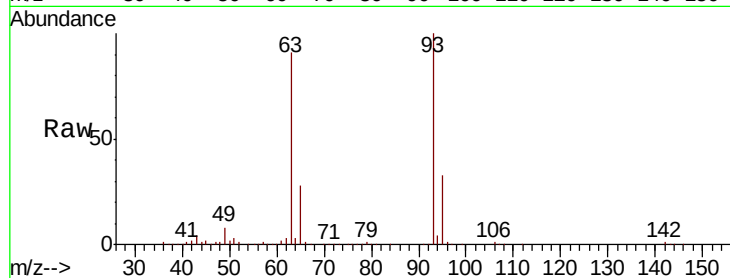
Tot Ion: 93 Resp: 869848

Ion Ratio Lower Upper

93 100

63 91.5 68.4 108.4

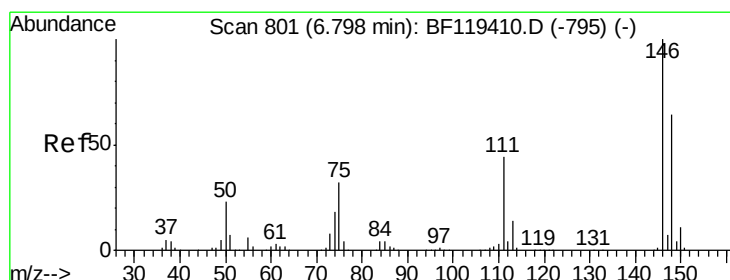
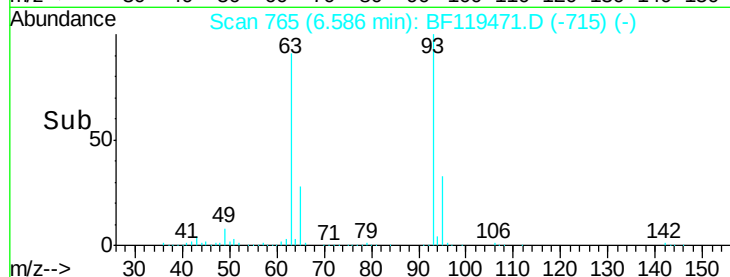
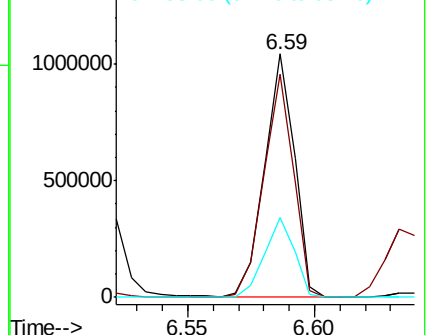
95 32.9 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.327 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

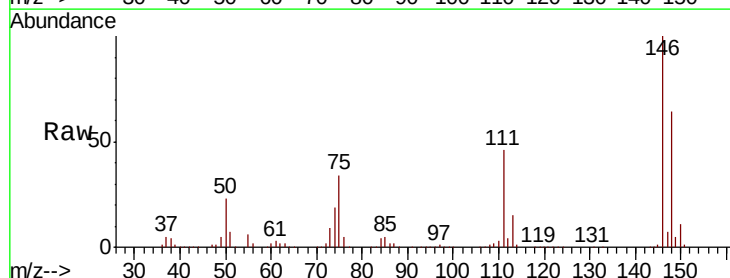
Tgt Ion: 146 Resp: 901052

Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.0

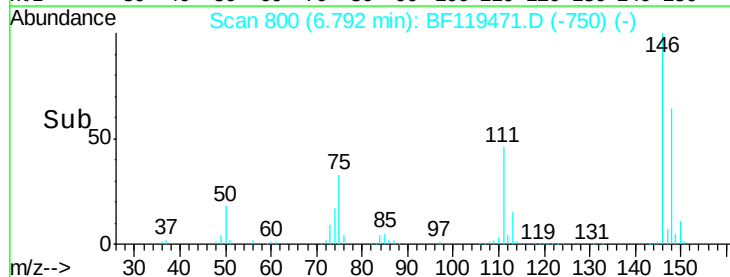
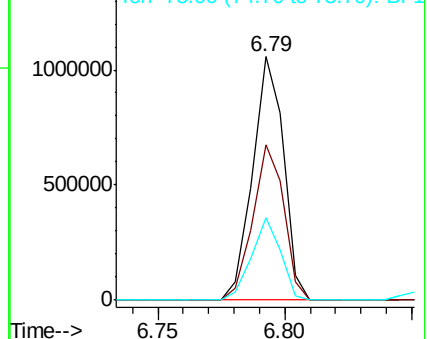
75 33.7 25.8 38.8

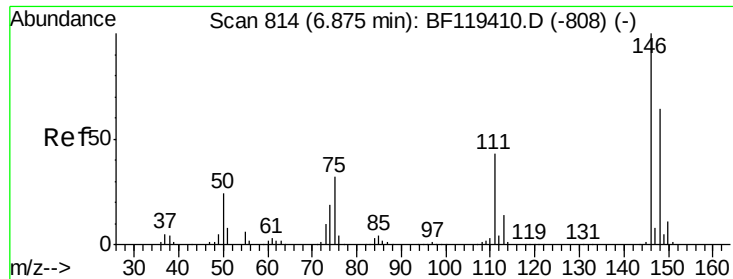


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

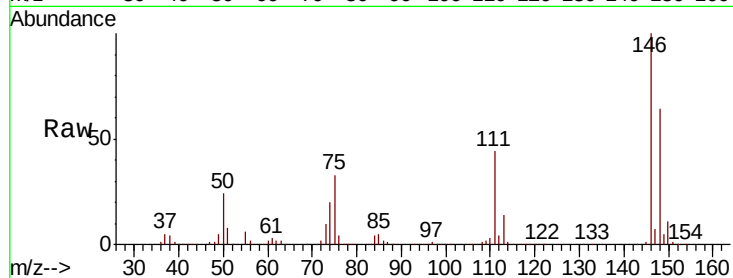




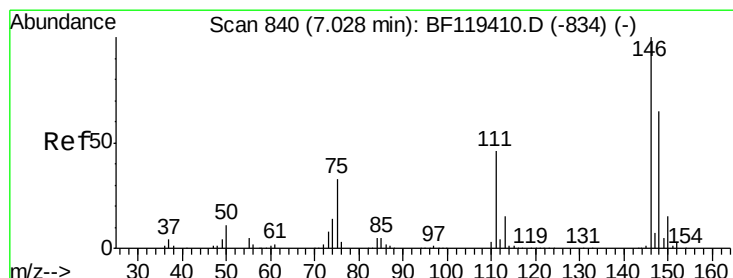
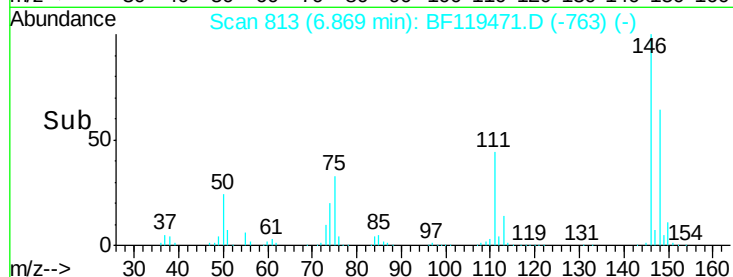
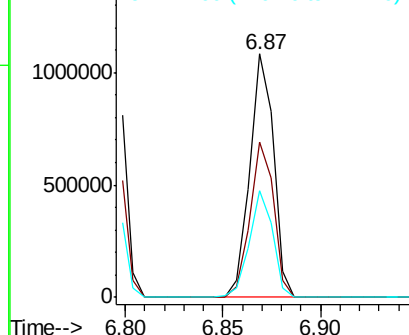
#13
1,4-Dichlorobenzene
Concen: 38.993 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:146 Resp: 916942
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
111 43.6 34.6 52.0

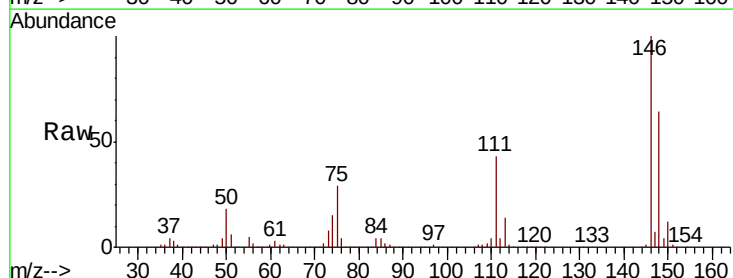


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

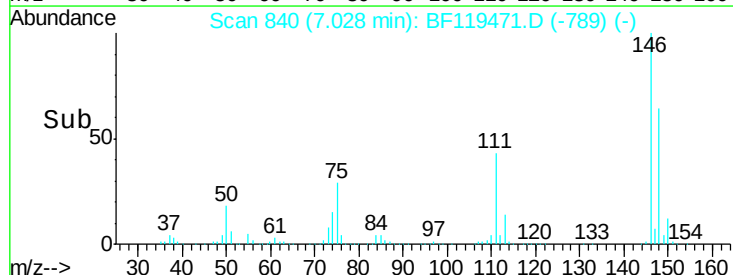
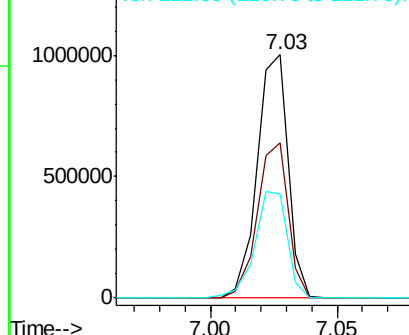


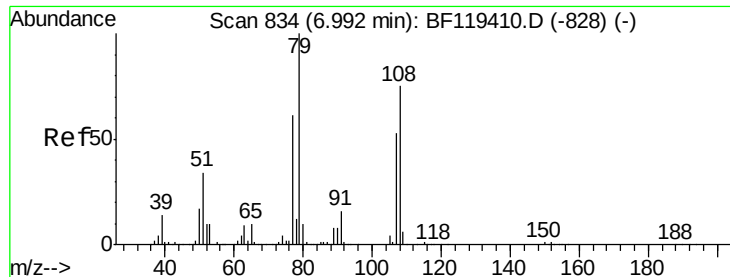
#14
1,2-Dichlorobenzene
Concen: 39.000 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Tgt Ion:146 Resp: 857229
Ion Ratio Lower Upper
146 100
148 63.7 51.7 77.5
111 42.8 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: 39.350 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

Instrument :

BNA_F

ClientSampleId :

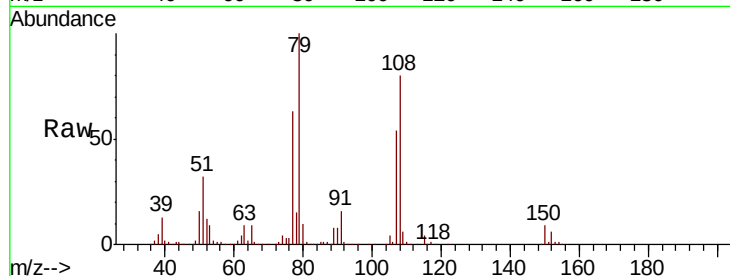
Tot Ion: 79 Resp: 782023

Ion Ratio Lower Upper

79 100

108 79.9 60.4 90.6

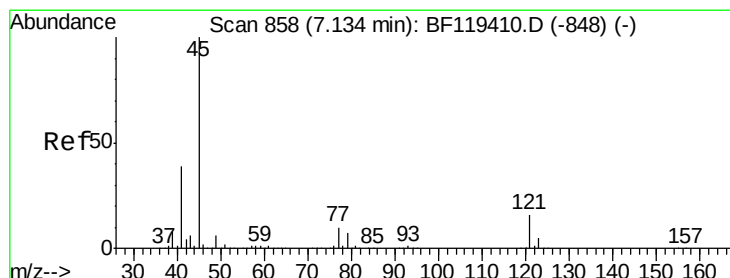
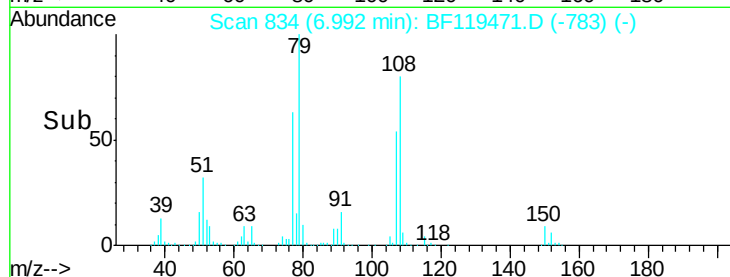
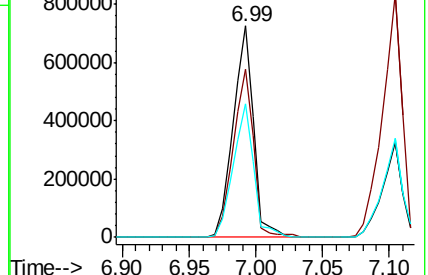
77 63.2 49.0 73.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.481 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

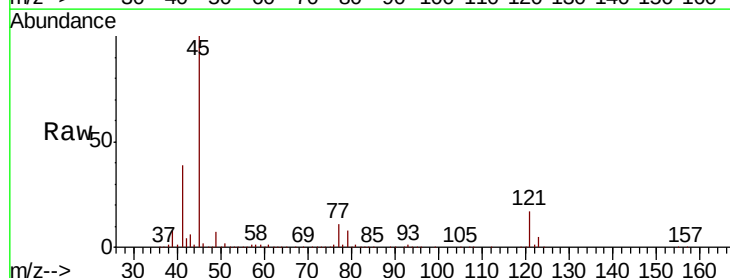
Tgt Ion: 45 Resp: 1659065

Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.1

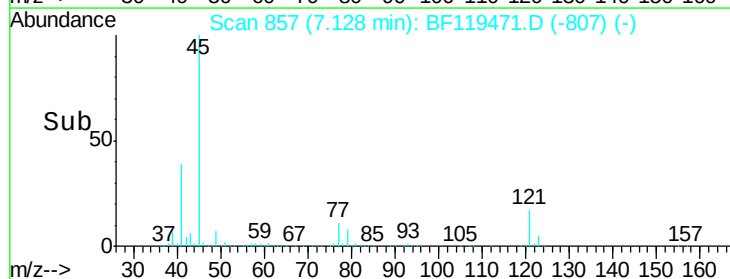
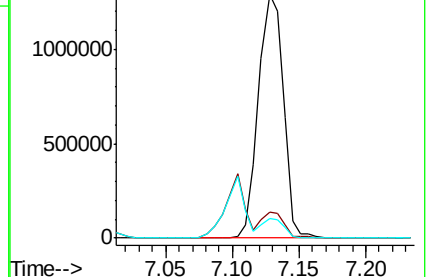
79 7.8 0.0 27.4

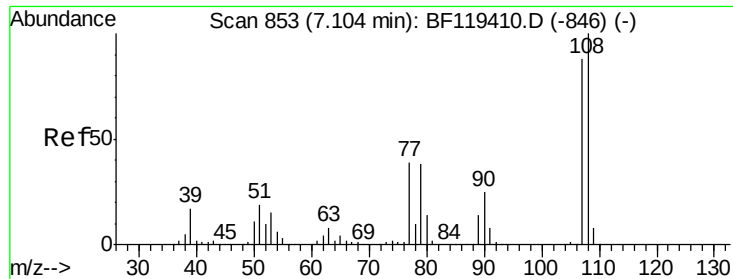


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

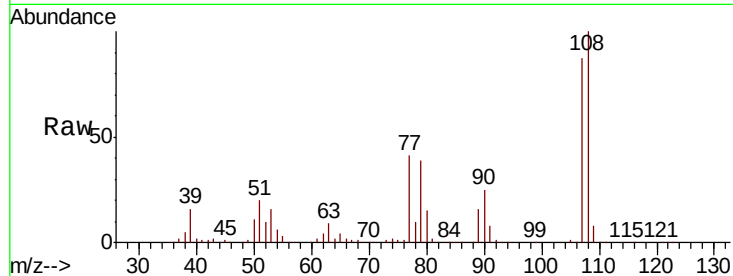




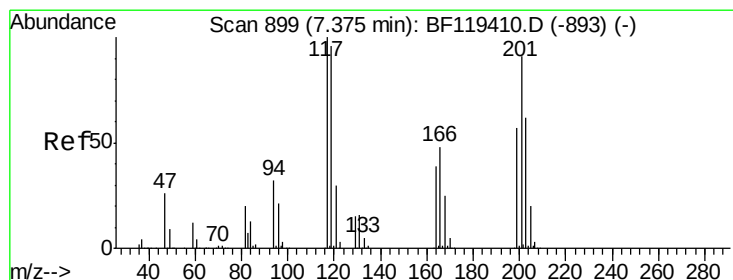
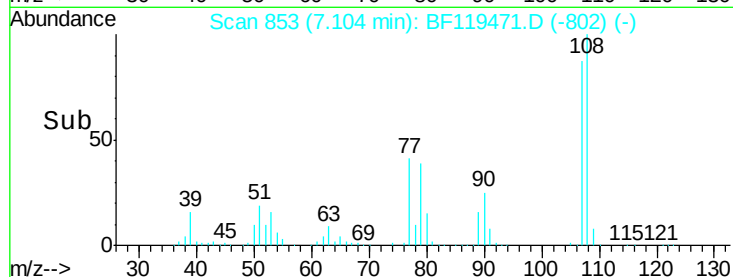
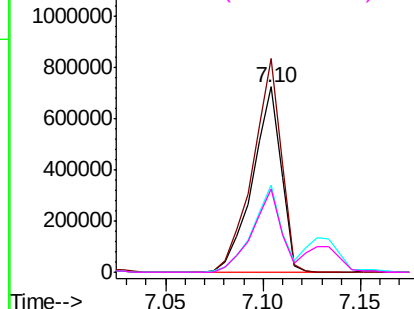
#17
2-Methylphenol
Concen: 37.036 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 737106
Ion Ratio Lower Upper
107 100
108 115.2 90.7 136.1
77 47.0 35.6 53.4
79 45.1 34.7 52.1

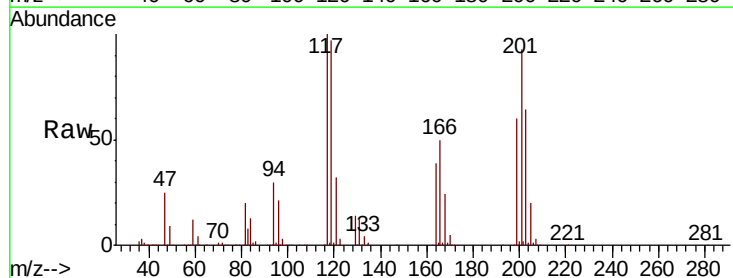


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

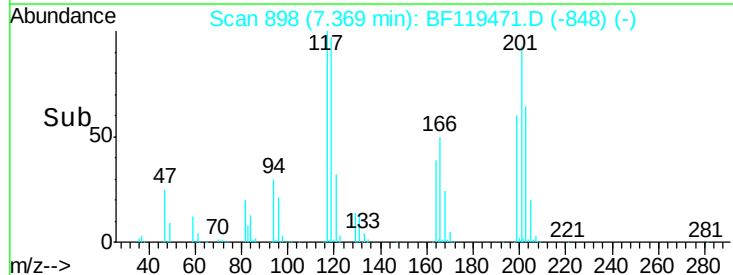
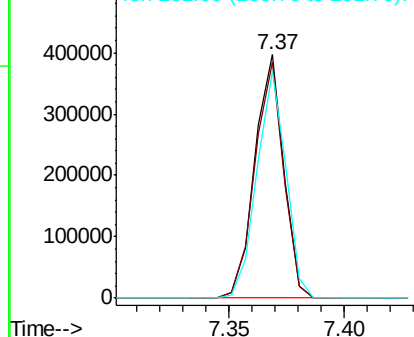


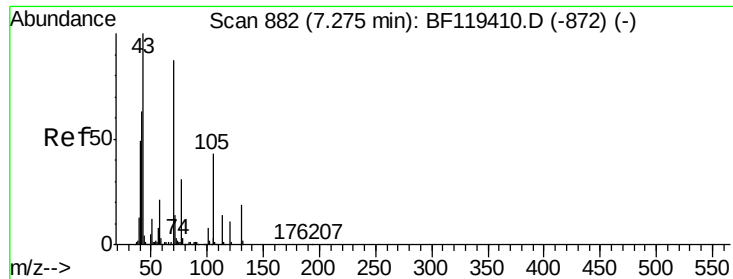
#18
Hexachloroethane
Concen: 40.117 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Tgt Ion:117 Resp: 345716
Ion Ratio Lower Upper
117 100
119 97.1 76.8 115.2
201 93.0 72.5 108.7



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

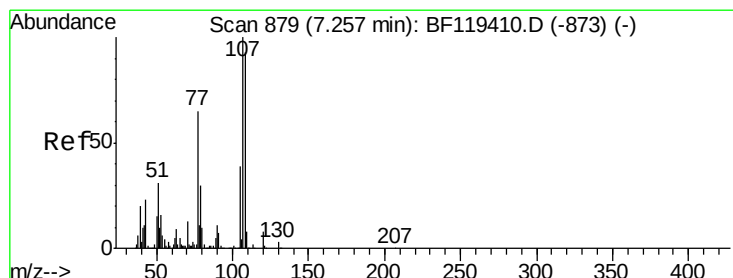
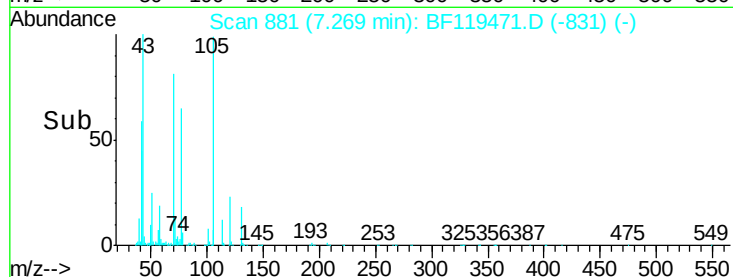
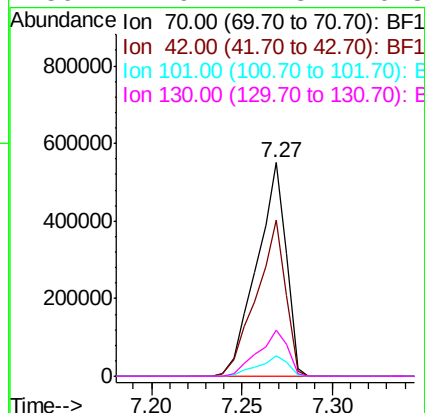
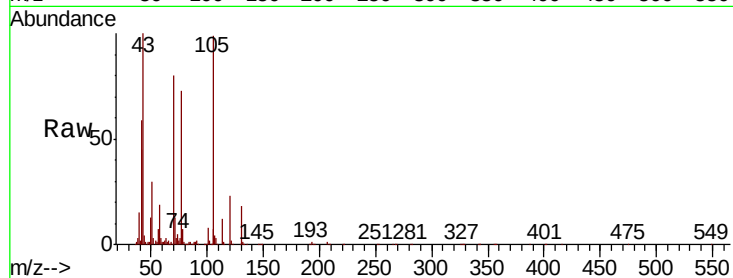




#19
n-Nitroso-di-n-propylamine
Concen: 38.948 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

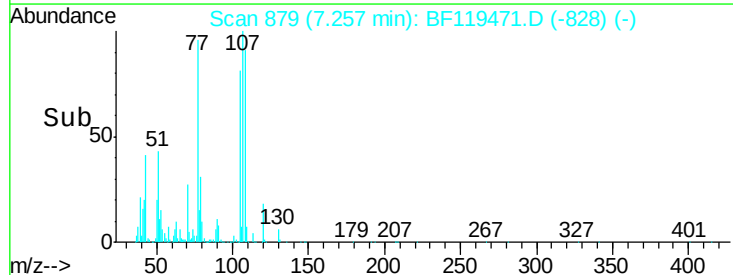
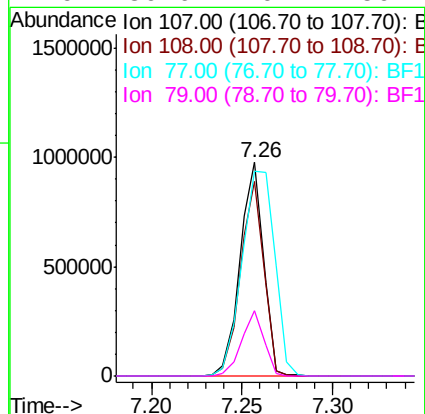
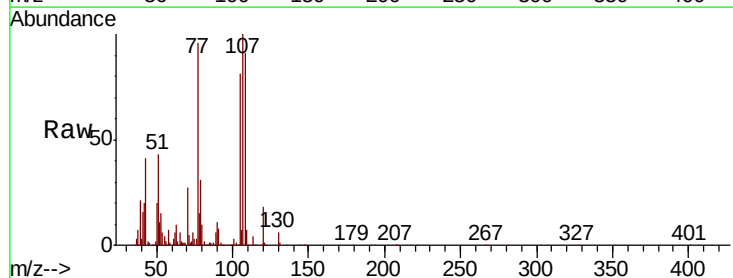
Instrument :
BNA_F
ClientSampleId :

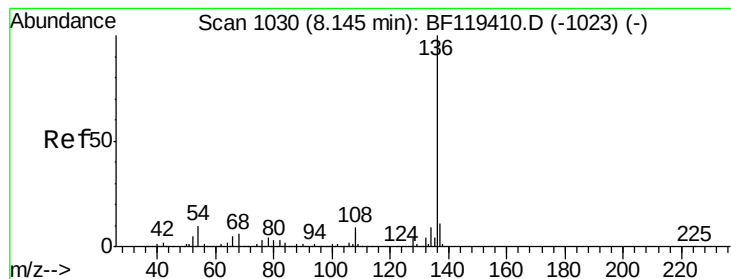
Tot Ion:	70	Resp:	620220
Ion	Ratio	Lower	Upper
70	100		
42	72.9	58.2	87.4
101	9.8	7.4	11.2
130	21.9	17.8	26.8



#20
3+4-Methylphenols
Concen: 36.020 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Tgt Ion:	107	Resp:	878570
Ion	Ratio	Lower	Upper
107	100		
108	91.3	72.6	112.6
77	96.0	44.7	84.7
79	30.6	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: BF119471.D

Acq: 20 Mar 2020 14:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1281428

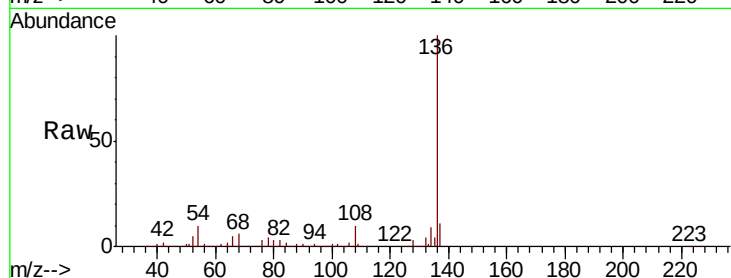
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 10.5 8.3 12.5

68 5.6 4.9 7.3

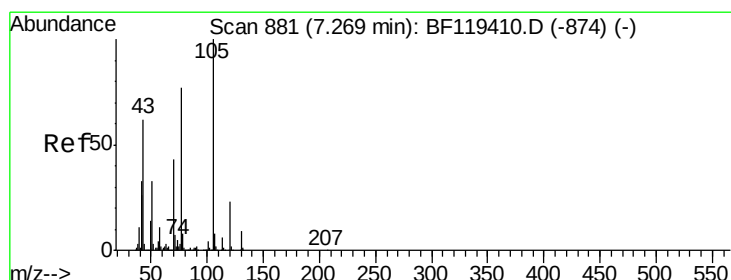
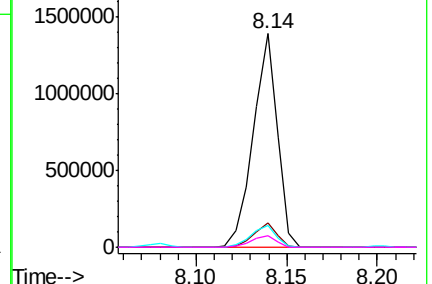
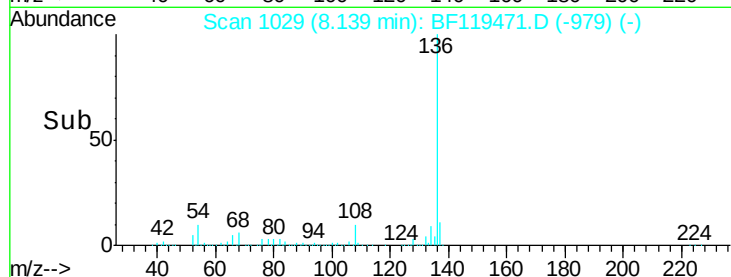


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.937 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

Tgt Ion:105 Resp: 1161603

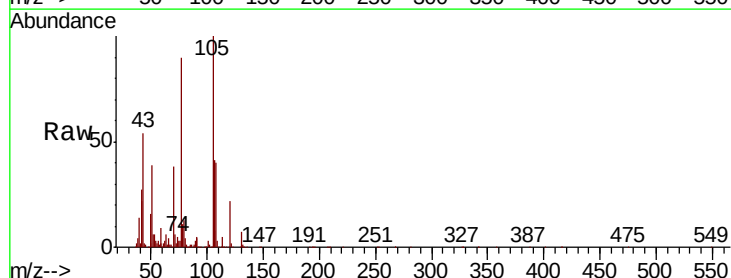
Ion Ratio Lower Upper

105 100

71 6.1 5.8 8.6

51 38.8 26.8 40.2

120 22.1 18.0 27.0

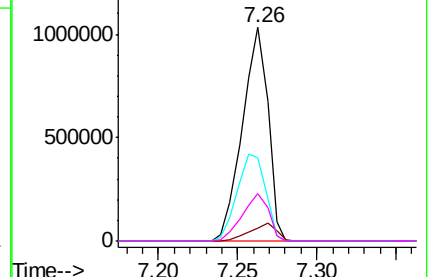
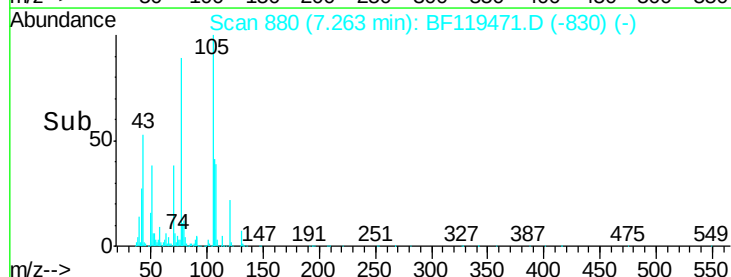


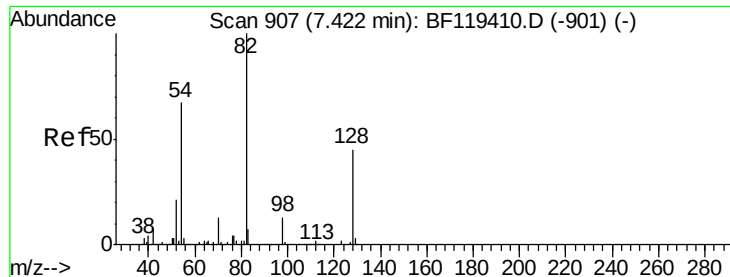
Abundance Ion 105.00 (104.70 to 105.70): E

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

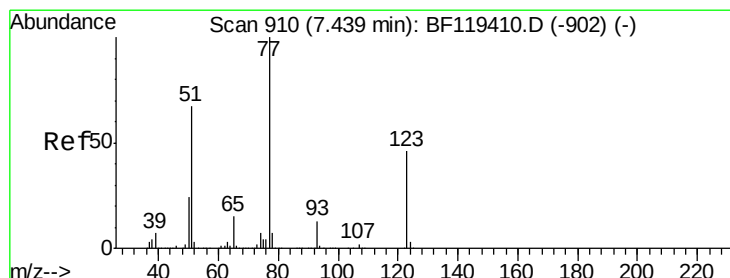
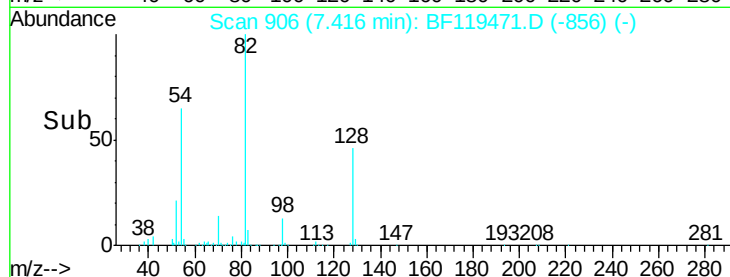
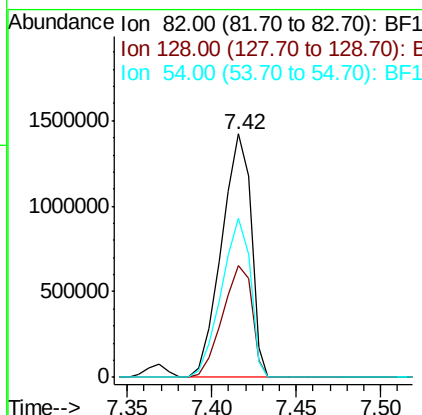
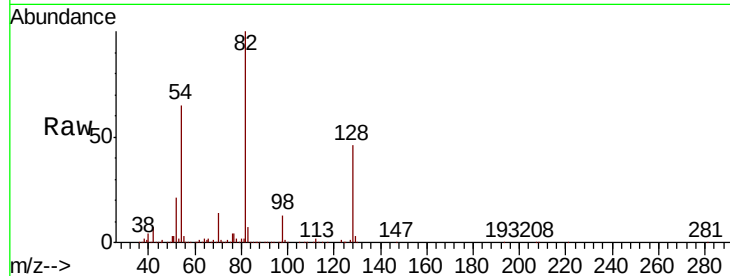




#23
Nitrobenzene-d5
Concen: 73.164 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

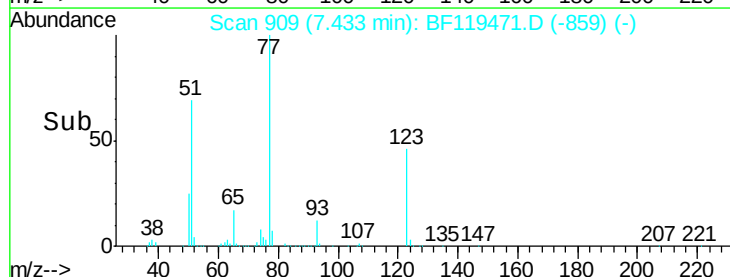
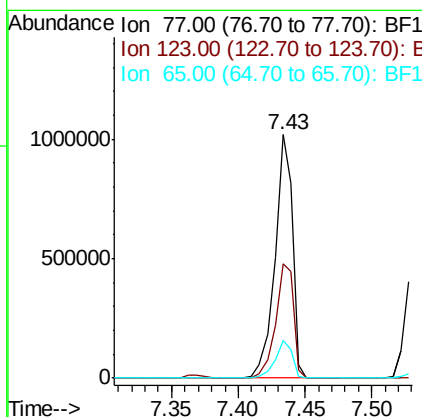
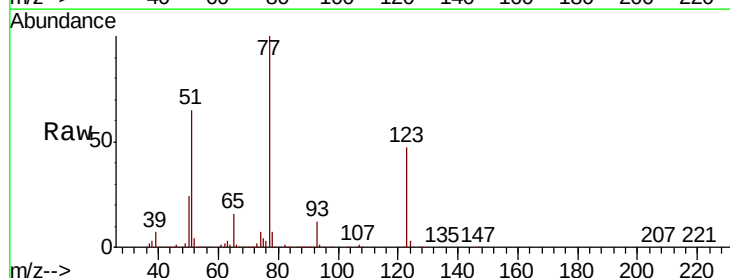
Instrument :
BNA_F
ClientSampleId :

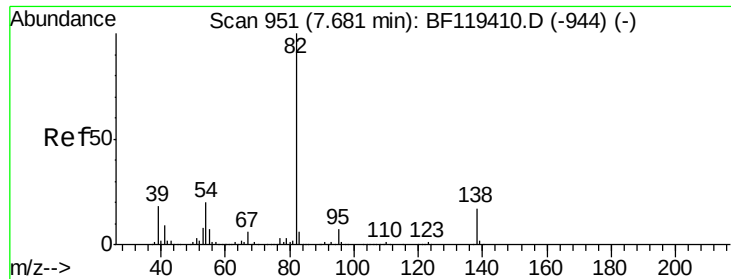
Tot Ion: 82 Resp: 1725081
Ion Ratio Lower Upper
82 100
128 45.7 35.8 53.8
54 65.4 53.4 80.0



#24
Nitrobenzene
Concen: 37.123 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Tgt Ion: 77 Resp: 935424
Ion Ratio Lower Upper
77 100
123 46.7 36.9 55.3
65 15.6 12.2 18.4





#25

Isophorone

Concen: 35.943 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

Instrument :

BNA_F

ClientSampleId :

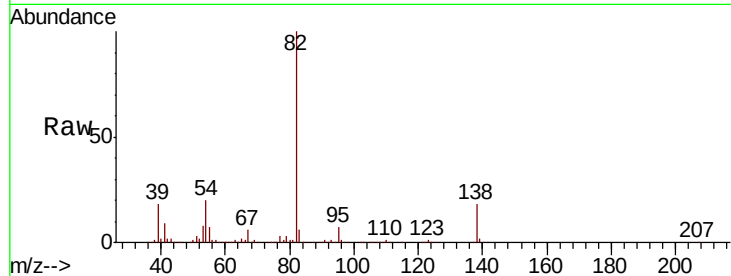
Tot Ion: 82 Resp: 1719123

Ion Ratio Lower Upper

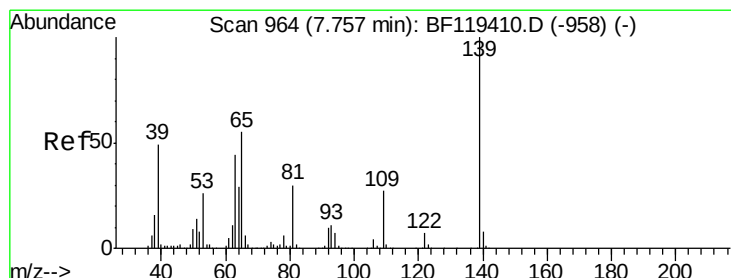
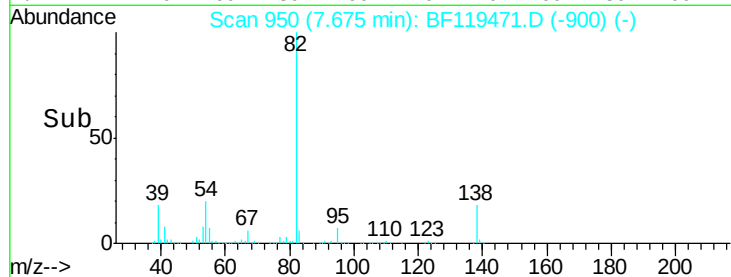
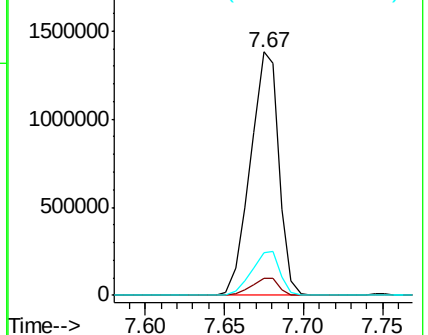
82 100

95 6.9 5.4 8.2

138 17.5 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: 47.765 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

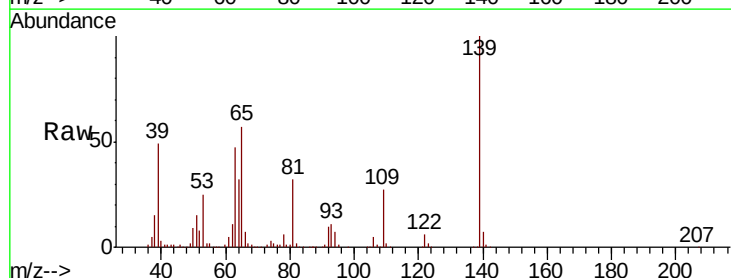
Tgt Ion: 139 Resp: 473892

Ion Ratio Lower Upper

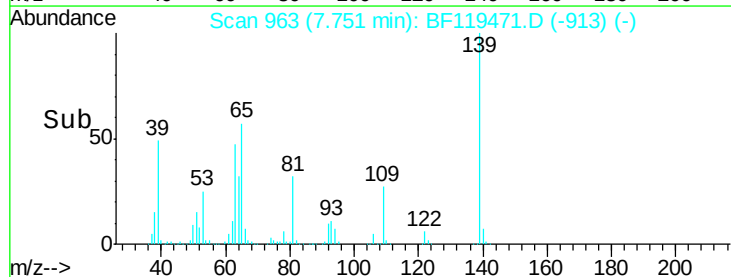
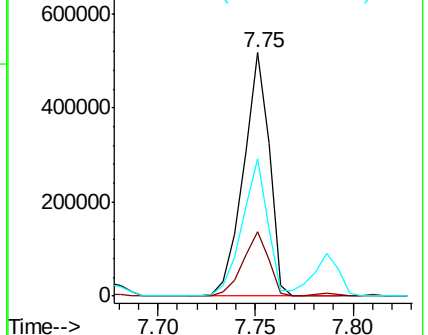
139 100

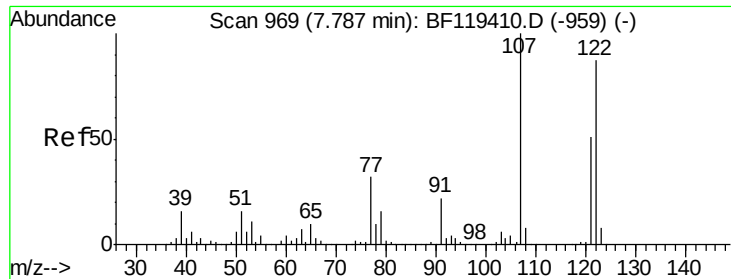
109 26.6 21.7 32.5

65 56.6 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: 40.906 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

Instrument :

BNA_F

ClientSampled :

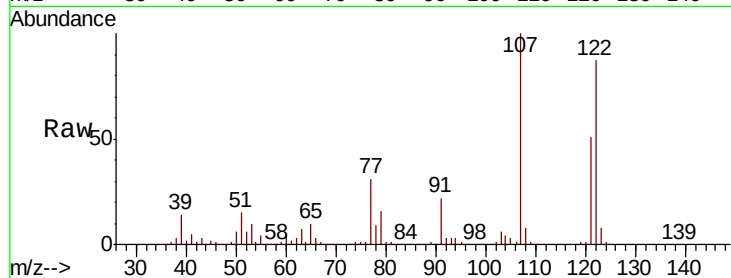
Tot Ion:122 Resp: 839175

Ion Ratio Lower Upper

122 100

107 115.1 91.8 137.6

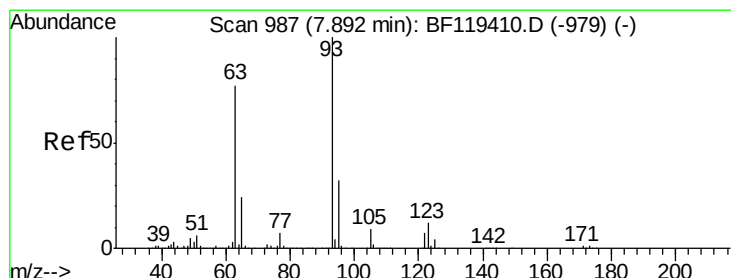
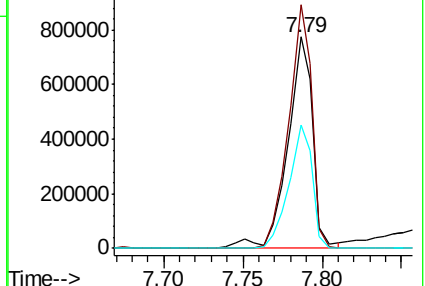
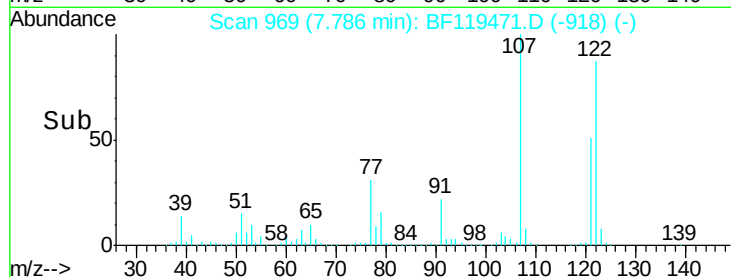
121 58.4 46.5 69.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.698 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

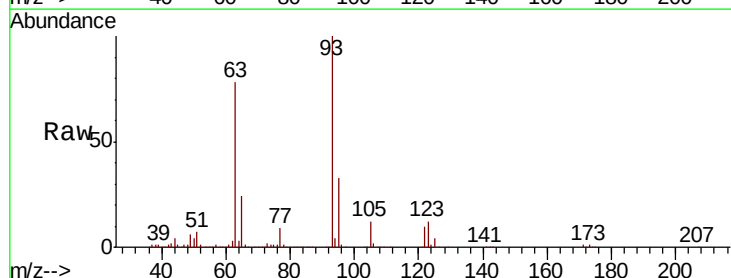
Tgt Ion: 93 Resp: 1094501

Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

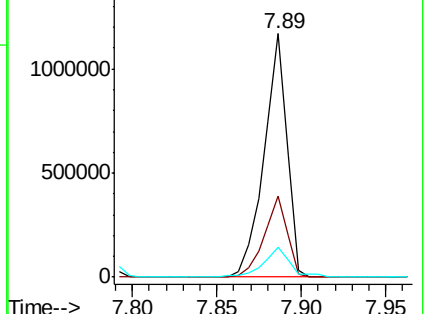
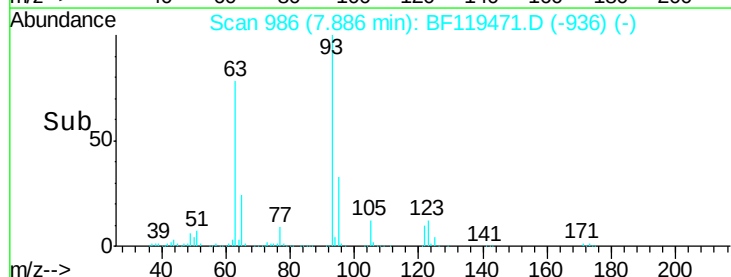
123 12.1 9.7 14.5

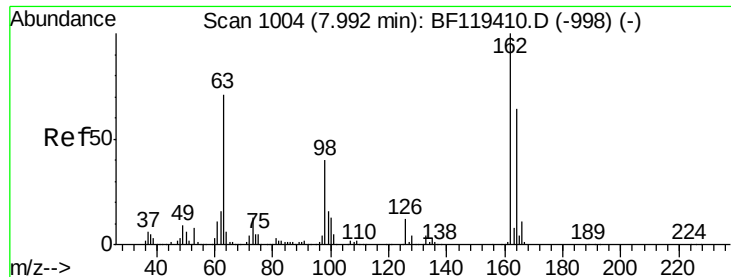


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

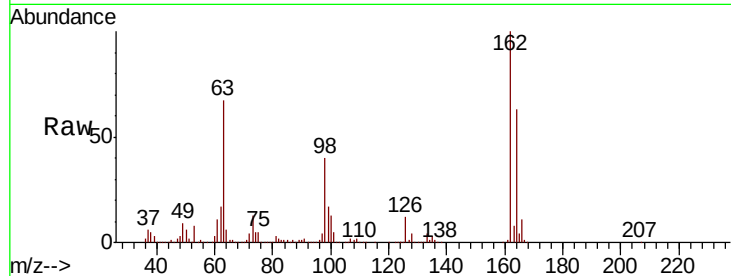




#29
2,4-Dichlorophenol
Concen: 38.756 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.6	83.6
98	40.2	20.4	60.4

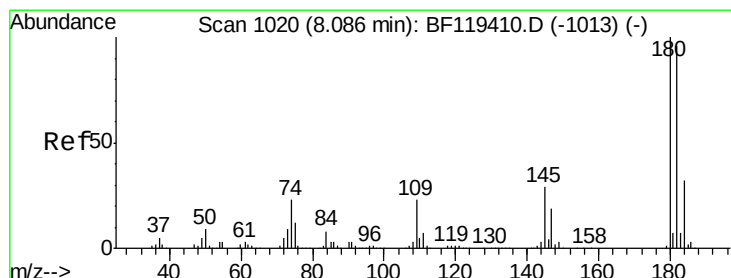
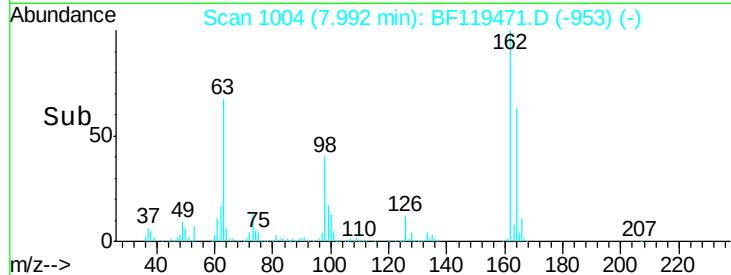
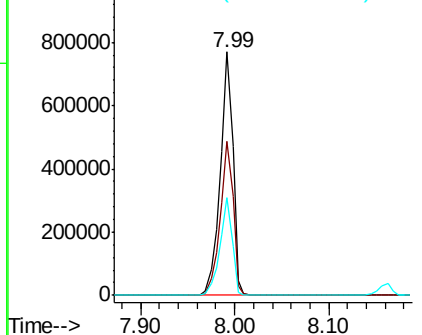


Abundance

Ion 162.00 (161.70 to 162.70): E

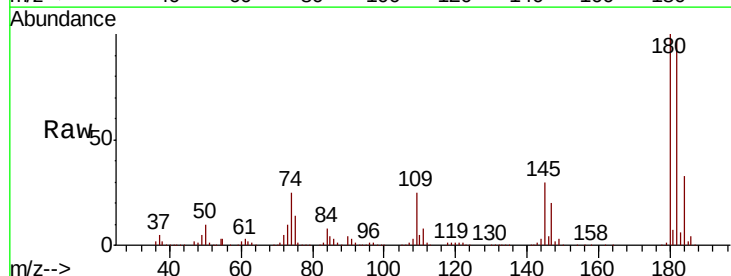
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 37.558 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.6	115.0
145	30.2	23.2	34.8

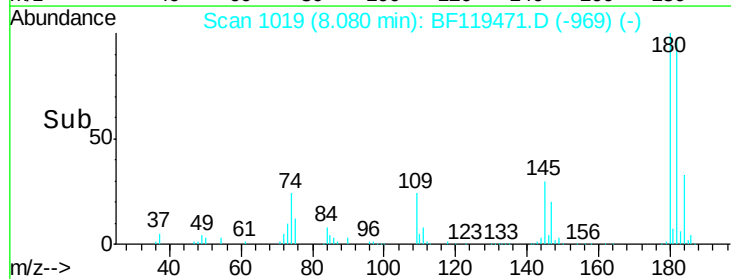
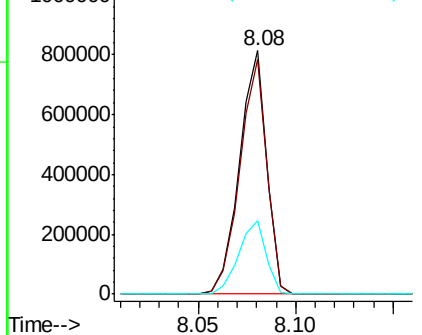


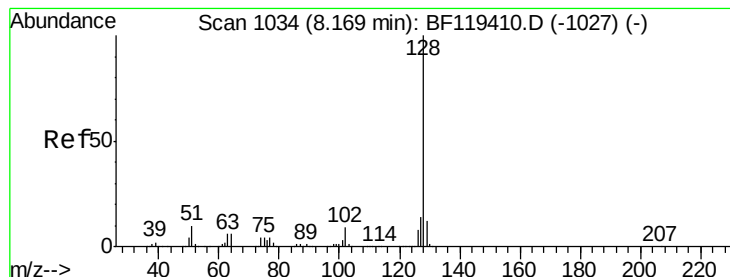
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.907 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

Instrument :

BNA_F

ClientSampleId :

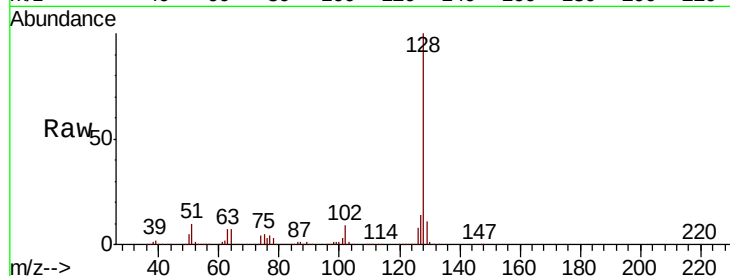
Tot Ion:128 Resp: 2499764

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

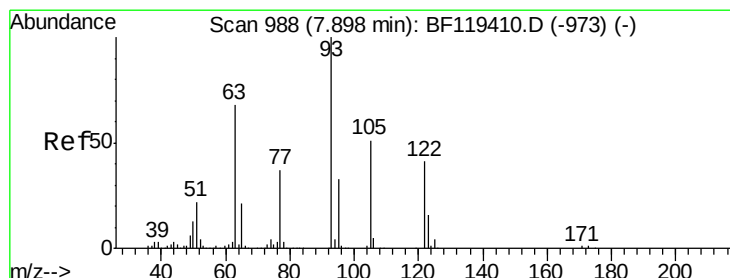
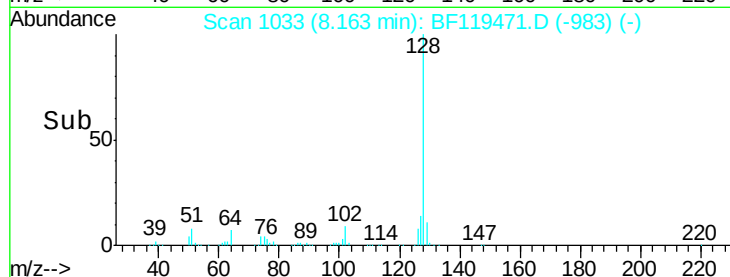
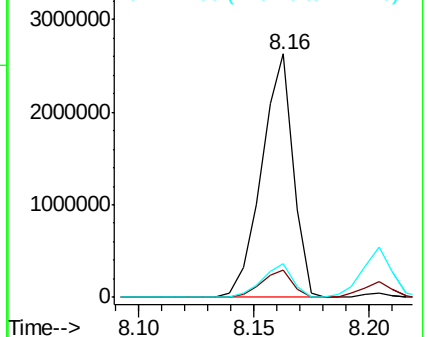
127 13.9 11.0 16.4



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: 40.261 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

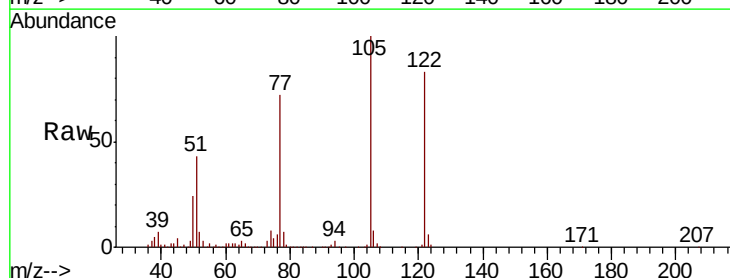
Tgt Ion:122 Resp: 531293

Ion Ratio Lower Upper

122 100

105 120.1 102.9 142.9

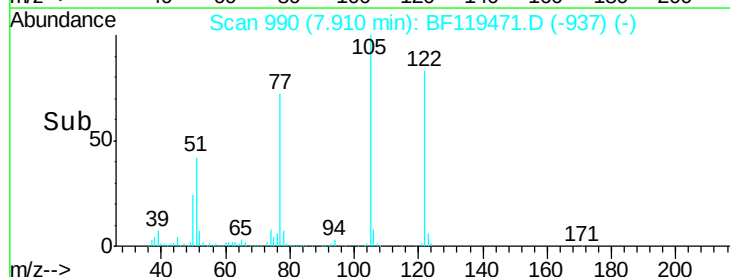
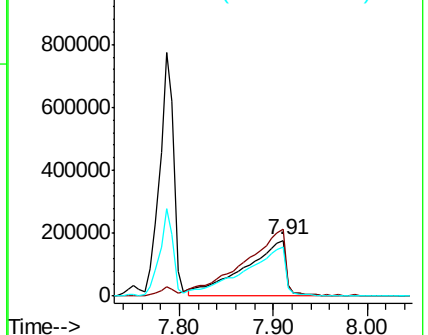
77 86.9 70.1 110.1

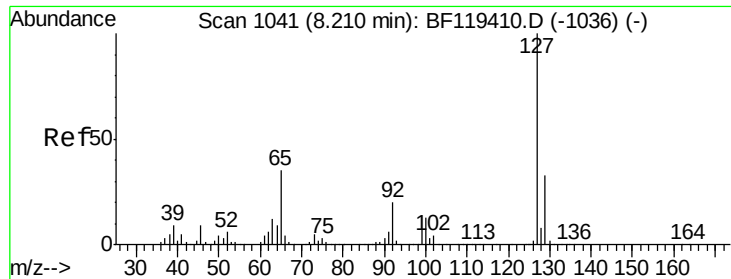


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

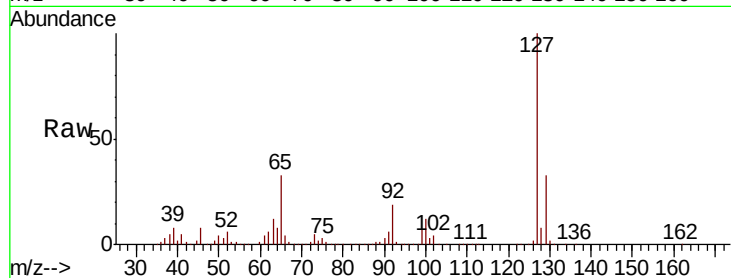




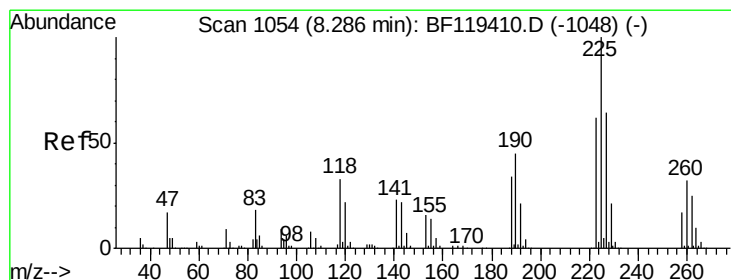
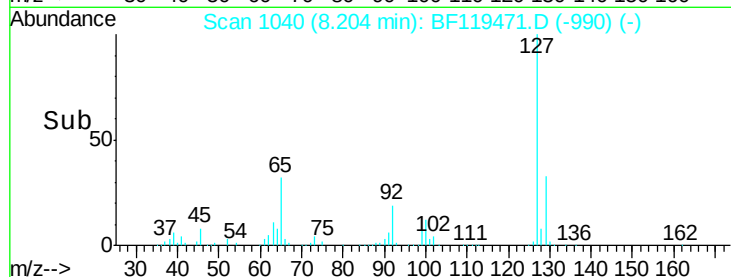
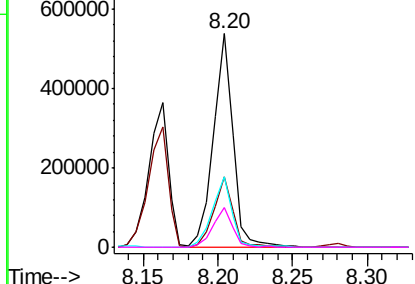
#33
4-Chloroaniline
Concen: 16.246 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	490906
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	33.0	27.7	41.5
92	18.7	15.8	23.6

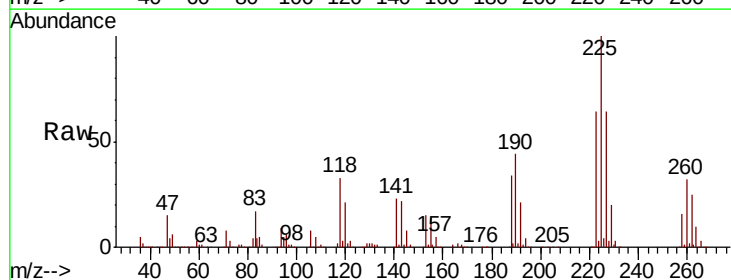


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

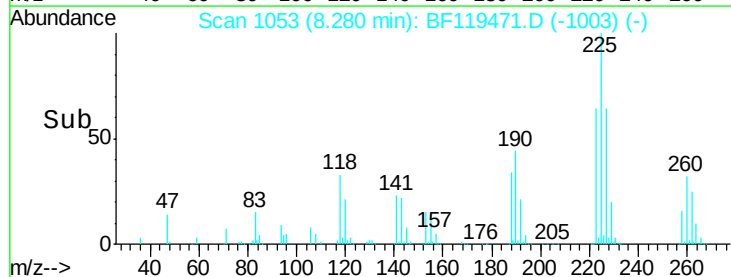
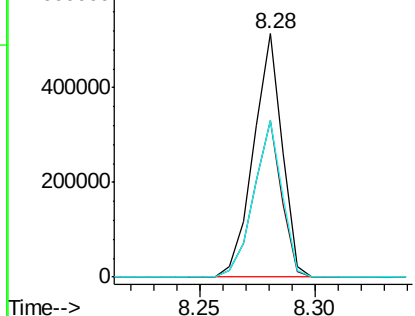


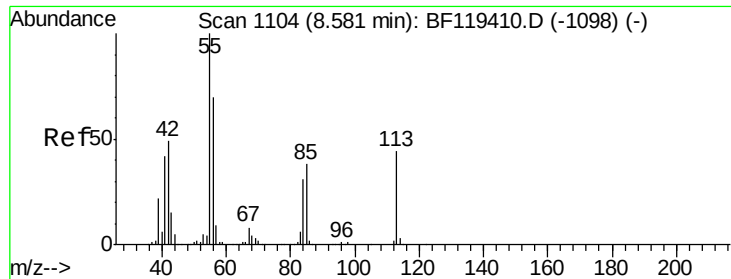
#34
Hexachlorobutadiene
Concen: 38.162 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Tgt Ion:	225	Resp:	445100
Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.2	73.8
227	64.5	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: 24.078 ng

RT: 8.58 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

Instrument :

BNA_F

ClientSampleId :

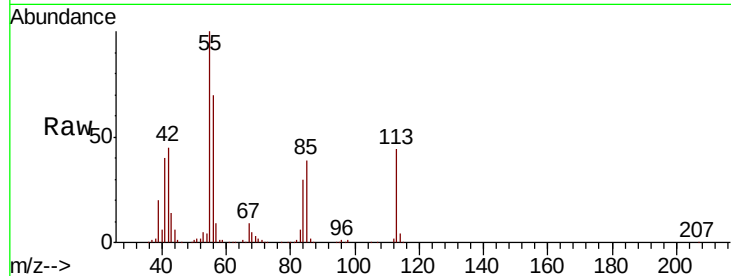
Tot Ion:113 Resp: 148540

Ion Ratio Lower Upper

113 100

55 227.8 208.4 248.4

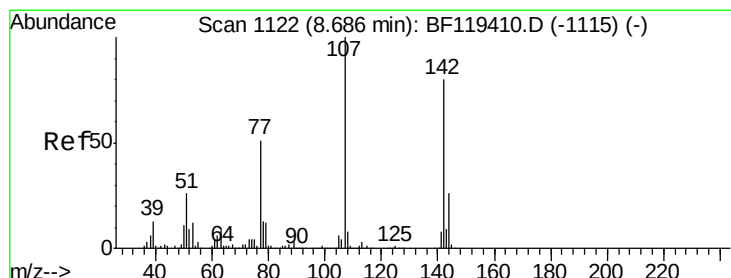
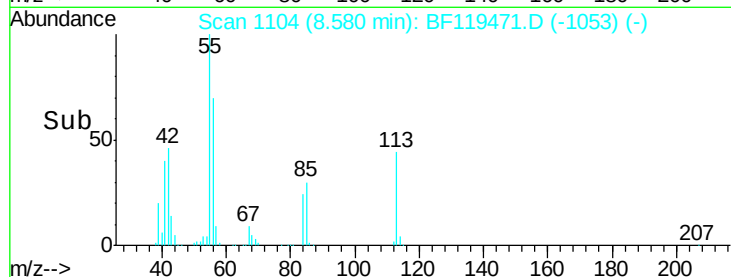
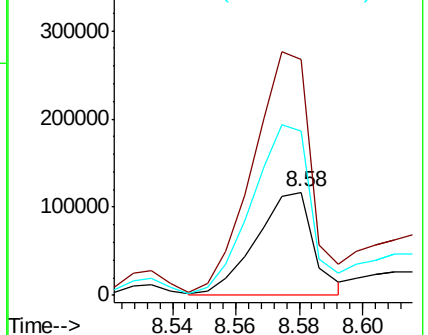
56 159.5 138.9 178.9



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: 38.389 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

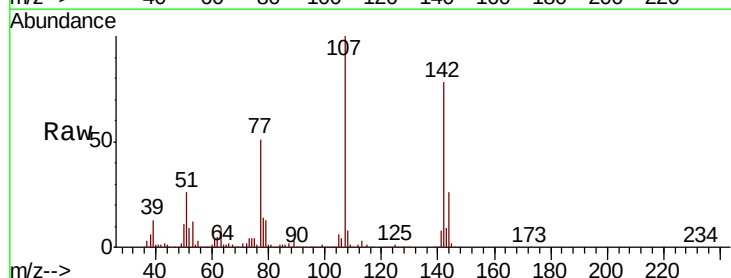
Tgt Ion:107 Resp: 790895

Ion Ratio Lower Upper

107 100

144 25.6 20.6 31.0

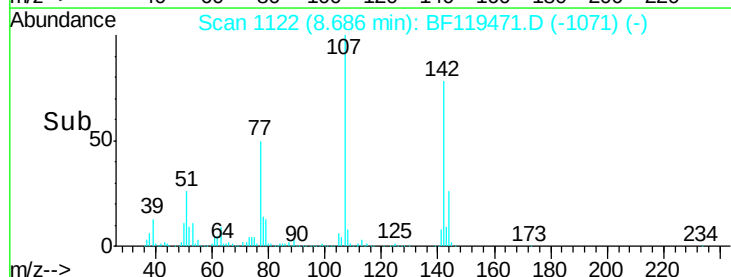
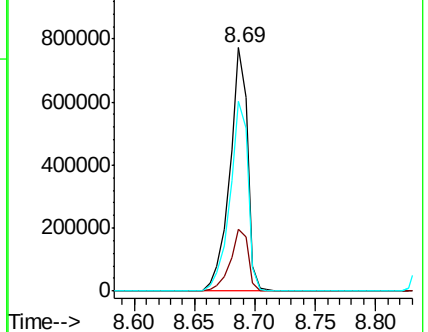
142 78.1 63.8 95.6

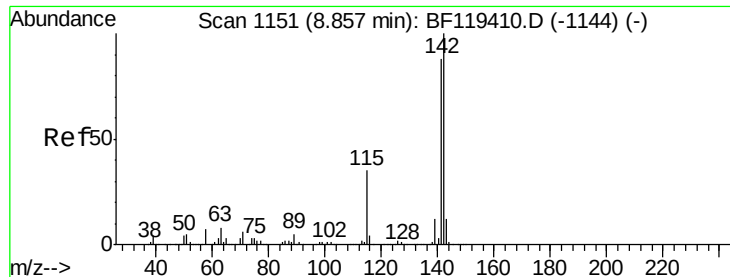


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

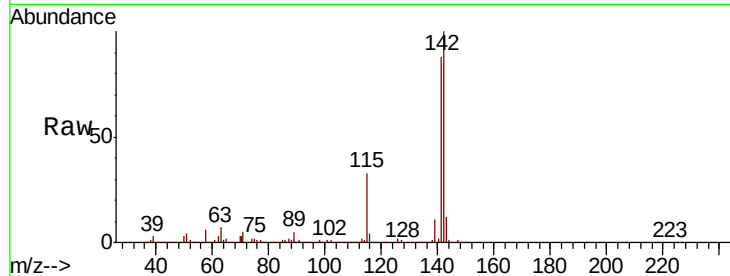




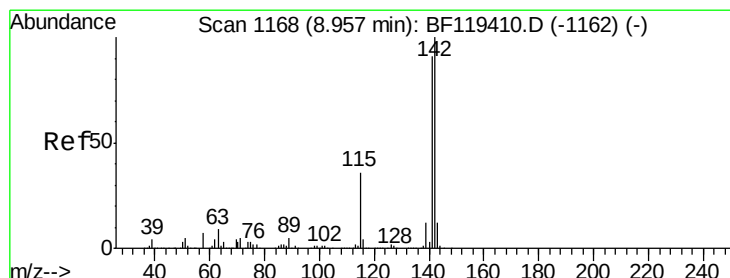
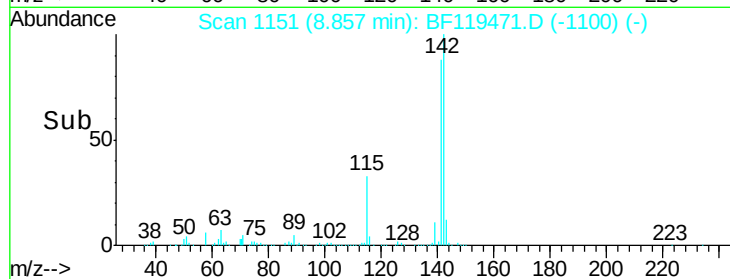
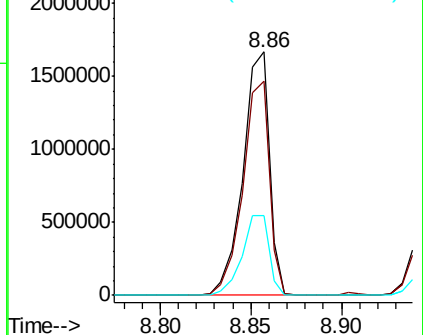
#37
 2-Methylnaphthalene
 Concen: 39.011 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BF119471.D
 Acq: 20 Mar 2020 14:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1688343
 Ion Ratio Lower Upper
 142 100
 141 88.0 70.4 105.6
 115 32.9 27.8 41.6

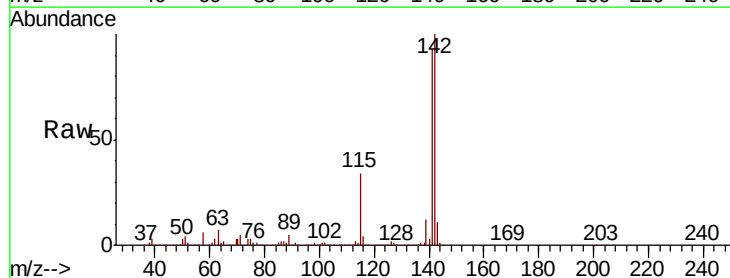


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

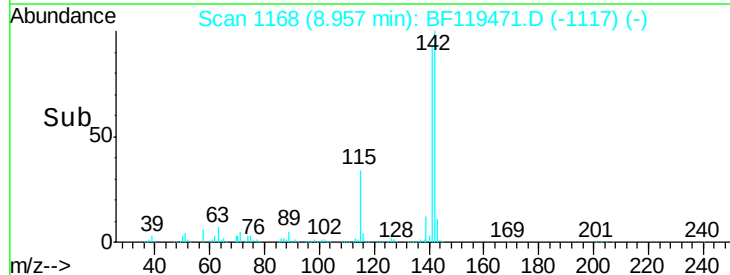
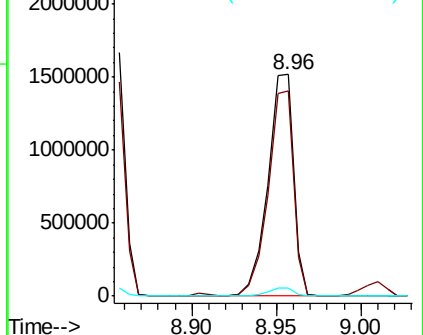


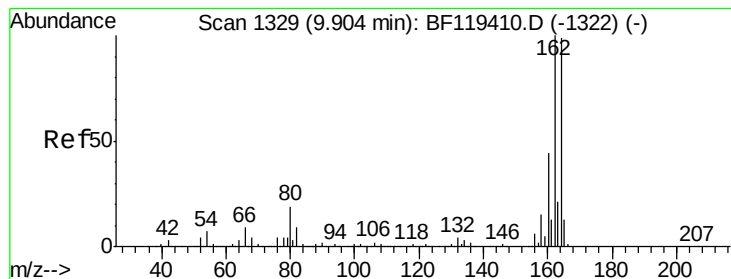
#38
 1-Methylnaphthalene
 Concen: 38.815 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF119471.D
 Acq: 20 Mar 2020 14:44

Tgt Ion:142 Resp: 1590009
 Ion Ratio Lower Upper
 142 100
 141 92.7 73.1 109.7
 116 3.5 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

Instrument :

BNA_F

ClientSampled :

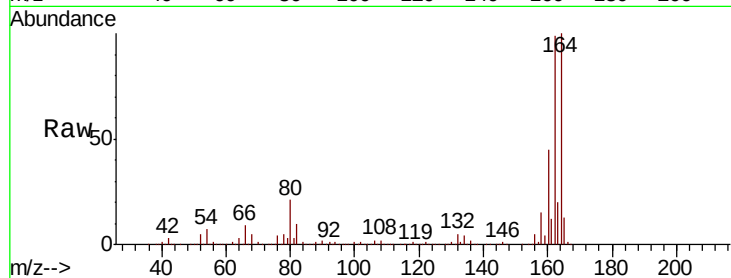
Tot Ion:164 Resp: 659741

Ion Ratio Lower Upper

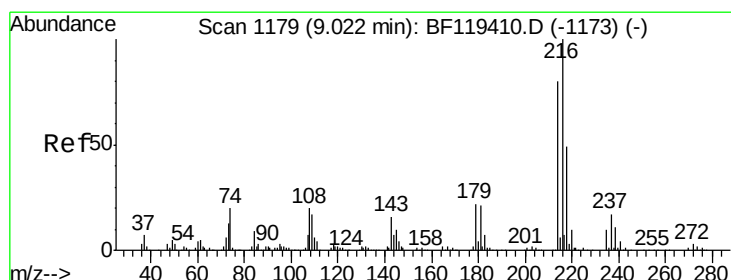
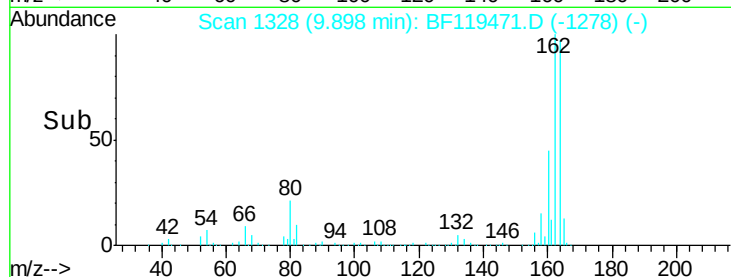
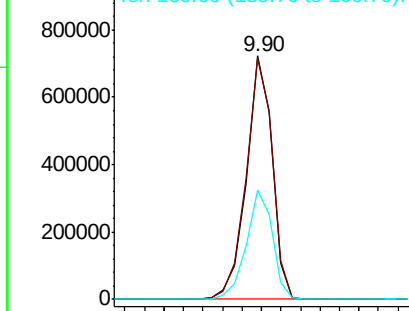
164 100

162 99.3 80.7 121.1

160 44.9 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: 37.302 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

Tgt Ion:216 Resp: 721323

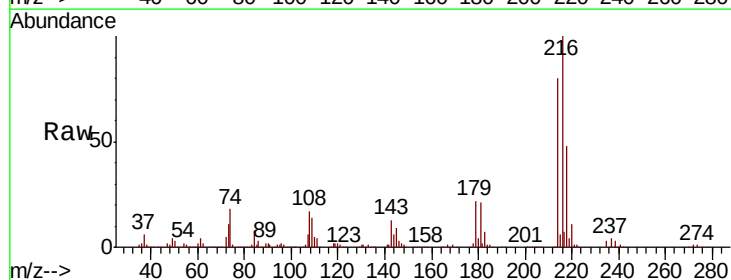
Ion Ratio Lower Upper

216 100

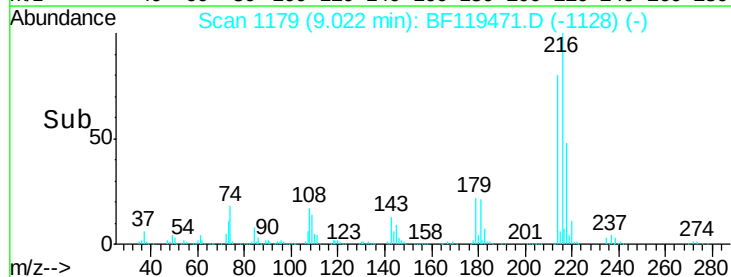
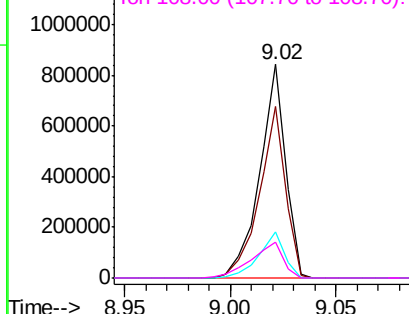
214 80.4 63.0 94.6

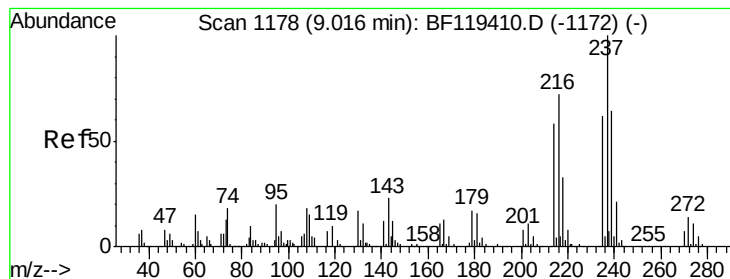
179 21.3 17.0 25.4

108 20.6 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: 66.787 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

Instrument :

BNA_F

ClientSampleId :

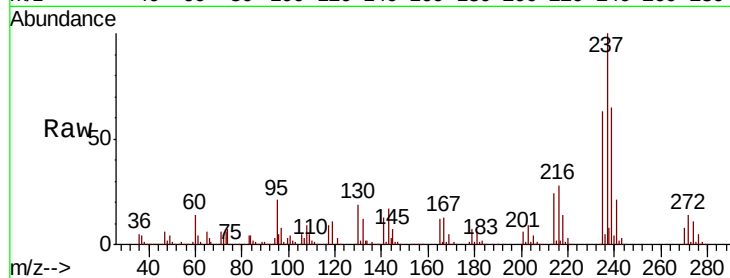
Tot Ion:237 Resp: 734234

Ion Ratio Lower Upper

237 100

235 63.1 42.5 82.5

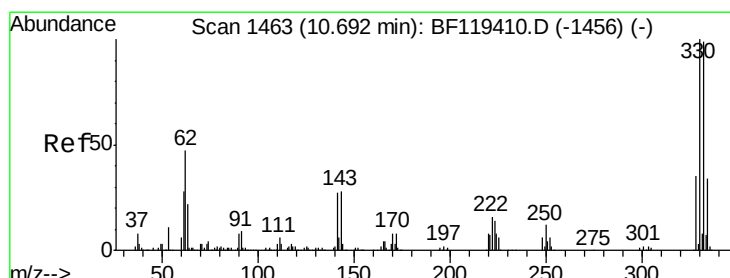
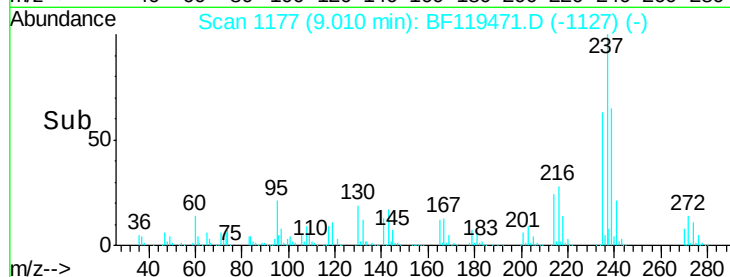
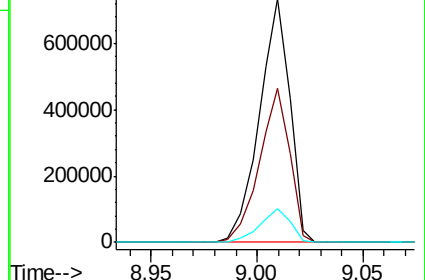
272 14.0 0.0 34.3



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: 110.456 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

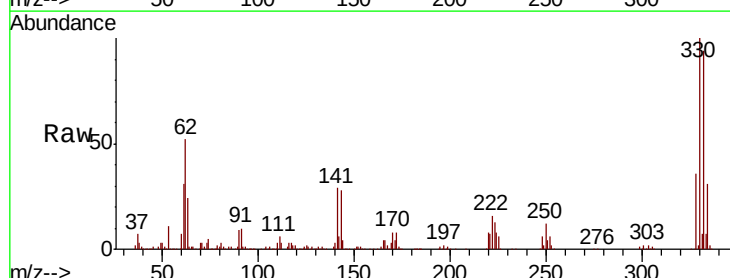
Tgt Ion:330 Resp: 751799

Ion Ratio Lower Upper

330 100

332 94.9 77.6 116.4

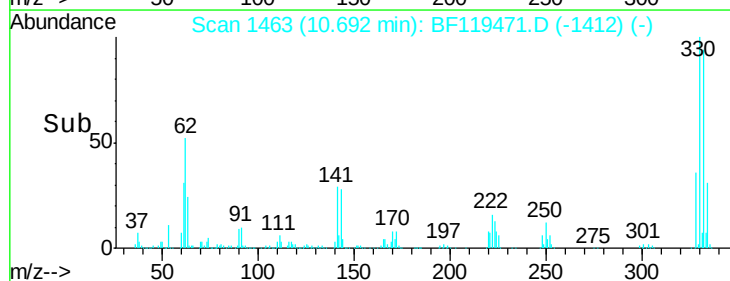
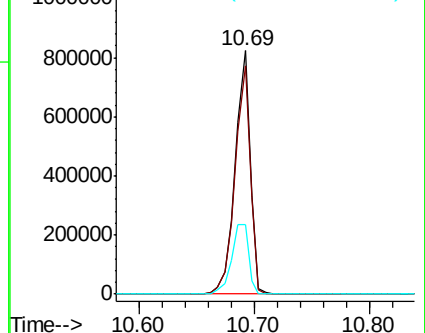
141 32.3 26.6 40.0

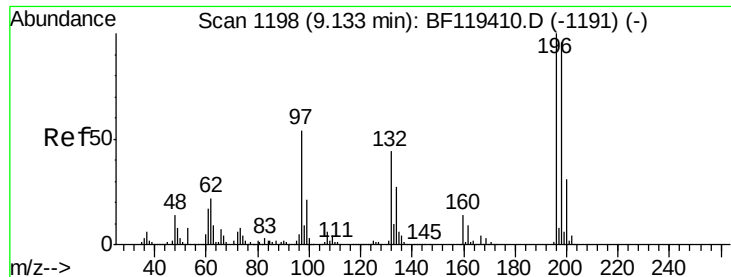


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

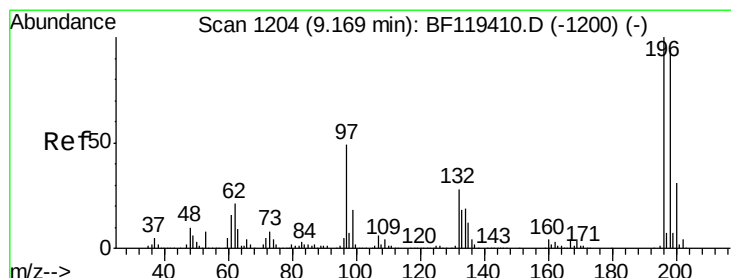
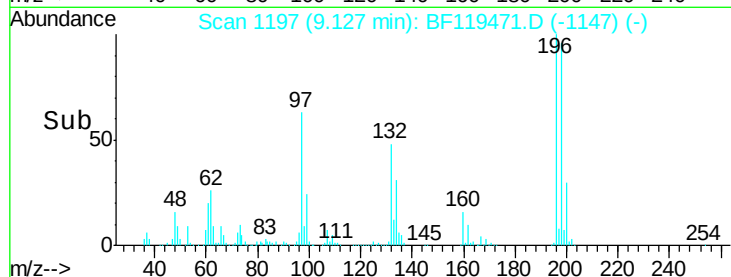
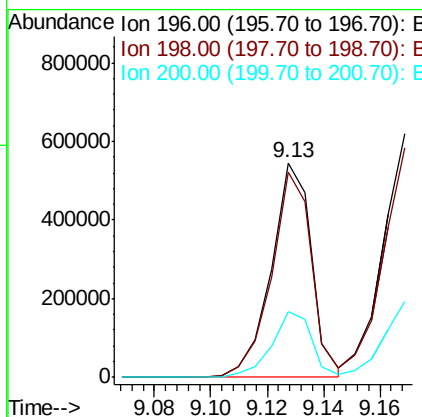
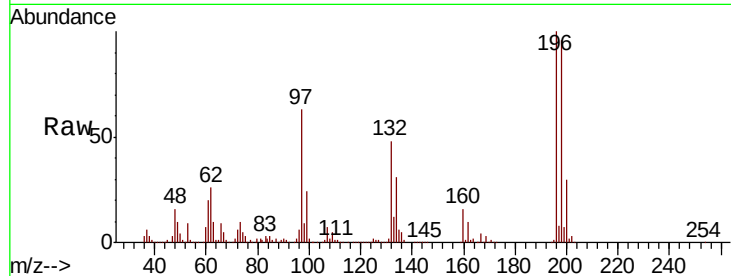




#43
 2,4,6-Trichlorophenol
 Concen: 39.025 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119471.D
 Acq: 20 Mar 2020 14:44

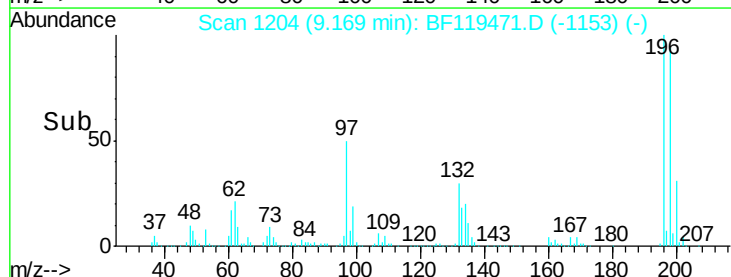
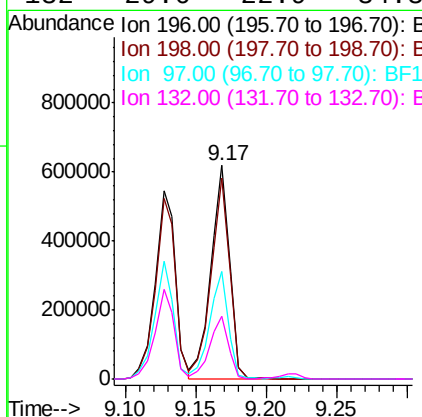
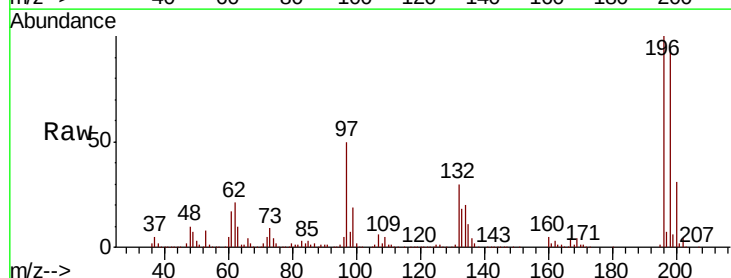
Instrument :
 BNA_F
 ClientSampleId :

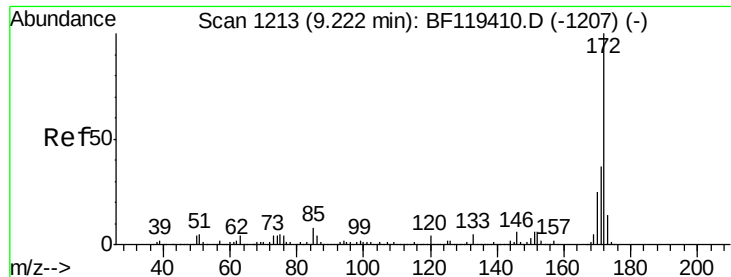
Tot Ion:196 Resp: 540048
 Ion Ratio Lower Upper
 196 100
 198 95.9 77.0 115.4
 200 30.4 25.1 37.7



#44
 2,4,5-Trichlorophenol
 Concen: 36.536 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF119471.D
 Acq: 20 Mar 2020 14:44

Tgt Ion:196 Resp: 566386
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.3 112.9
 97 50.1 39.0 58.4
 132 29.6 22.9 34.3

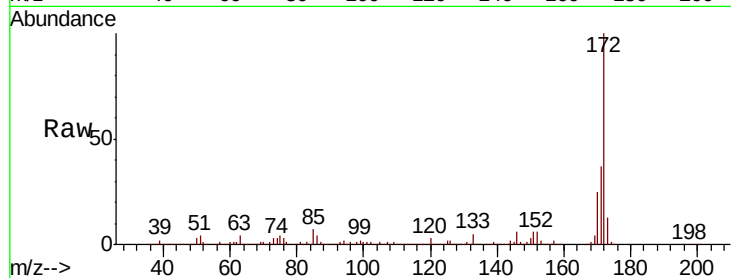




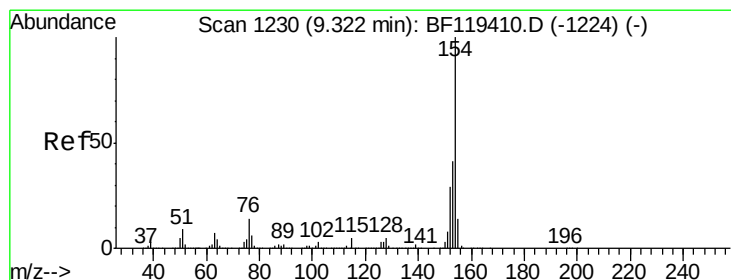
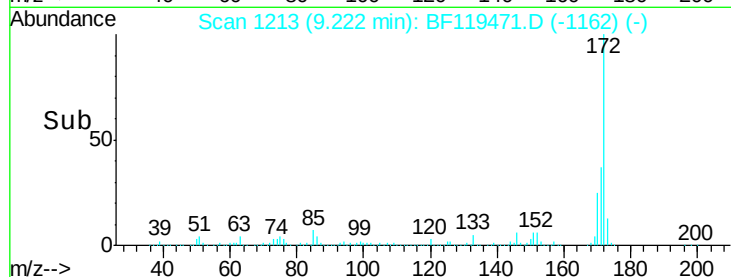
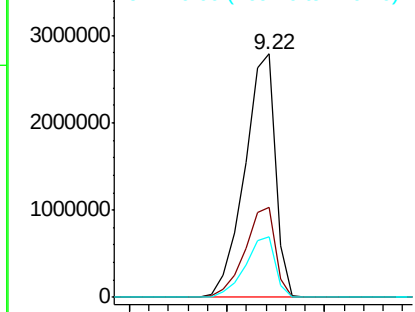
#45
2-Fluorobiphenyl
Concen: 68.199 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3037094
Ion Ratio Lower Upper
172 100
171 36.8 29.9 44.9
170 24.8 20.1 30.1

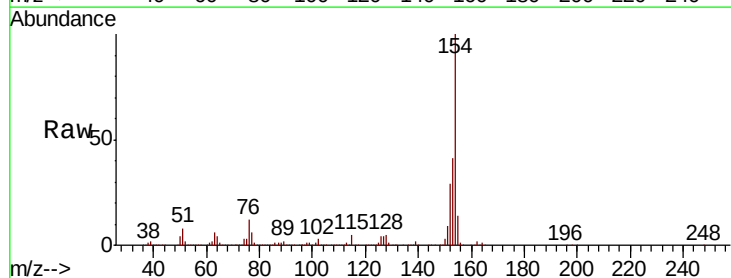


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

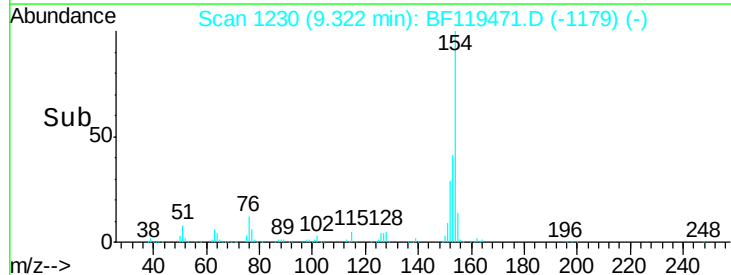
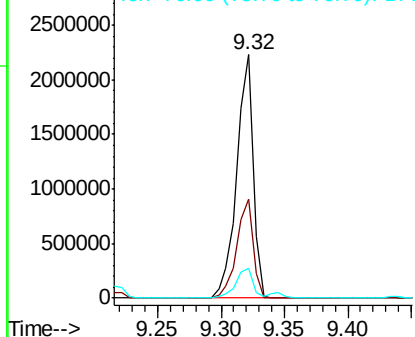


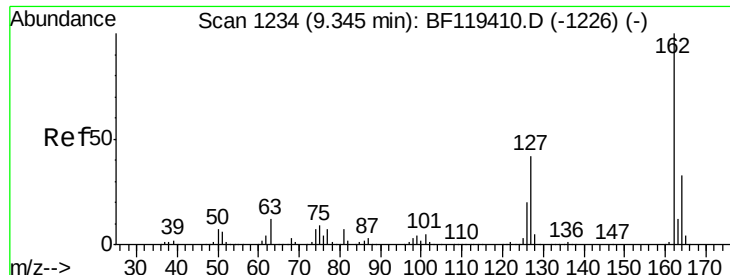
#46
1,1'-Biphenyl
Concen: 36.825 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Tgt Ion:154 Resp: 1978691
Ion Ratio Lower Upper
154 100
153 40.9 21.4 61.4
76 12.1 0.0 33.6



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

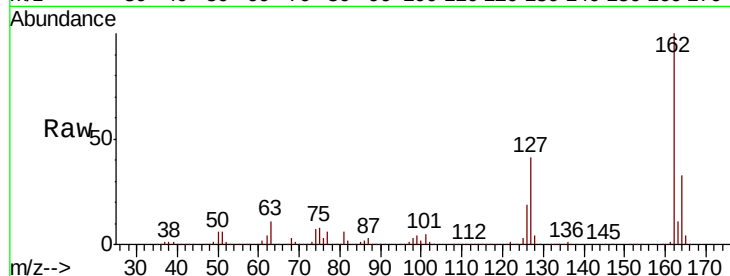




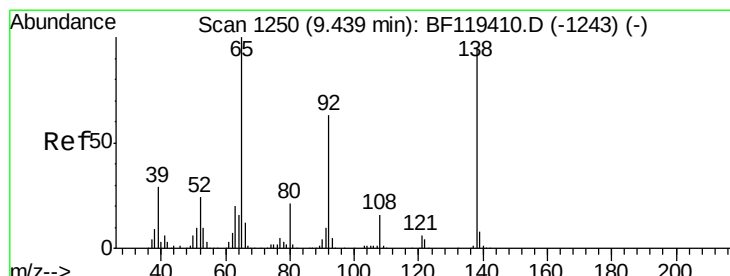
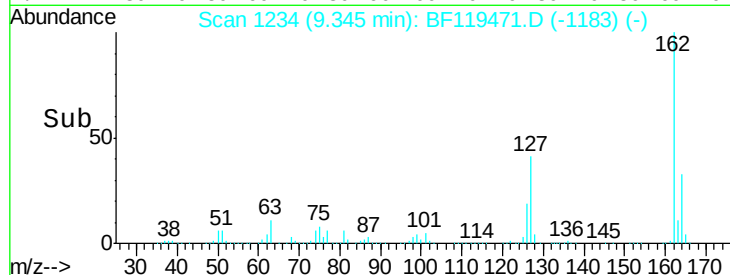
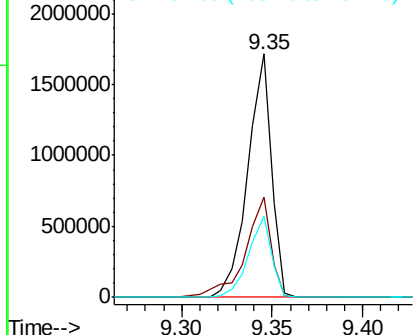
#47
 2-Chloronaphthalene
 Concen: 37.030 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF119471.D
 Acq: 20 Mar 2020 14:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1558570
 Ion Ratio Lower Upper
 162 100
 127 41.0 33.7 50.5
 164 33.3 26.2 39.4

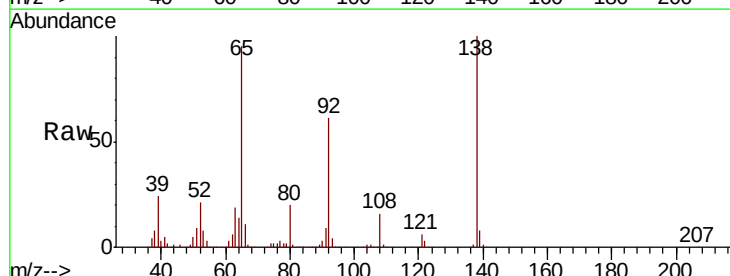


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

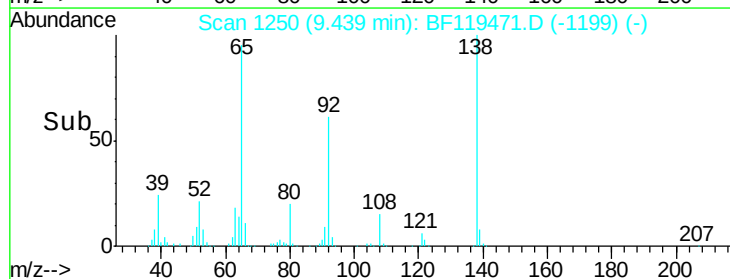
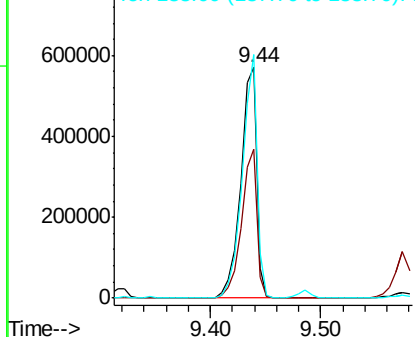


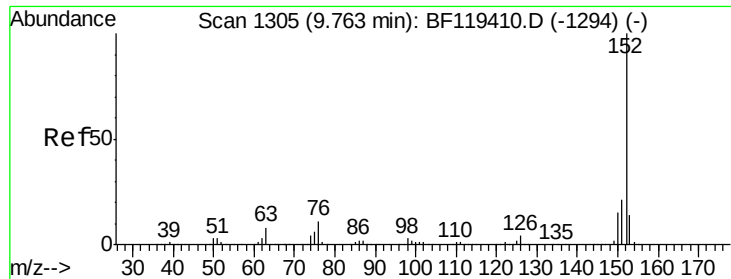
#48
 2-Nitroaniline
 Concen: 40.275 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BF119471.D
 Acq: 20 Mar 2020 14:44

Tgt Ion: 65 Resp: 585095
 Ion Ratio Lower Upper
 65 100
 92 64.6 50.5 75.7
 138 105.7 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: 37.495 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

Instrument :

BNA_F

ClientSampleId :

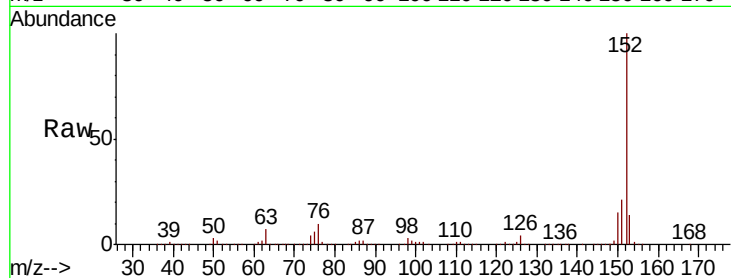
Tot Ion:152 Resp: 2478229

Ion Ratio Lower Upper

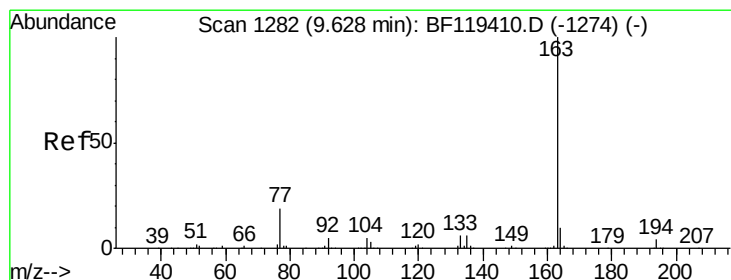
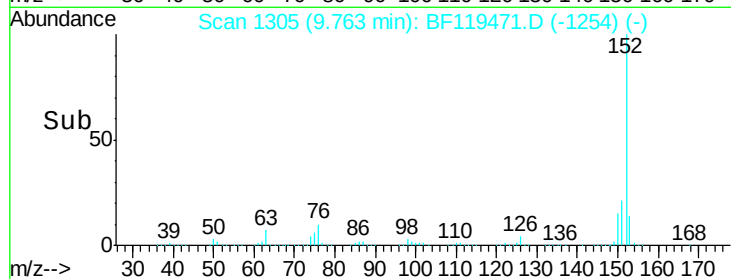
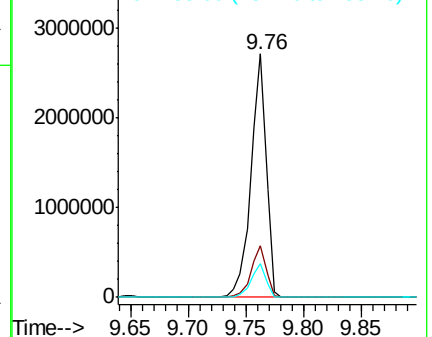
152 100

151 21.2 16.8 25.2

153 14.1 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: 45.159 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

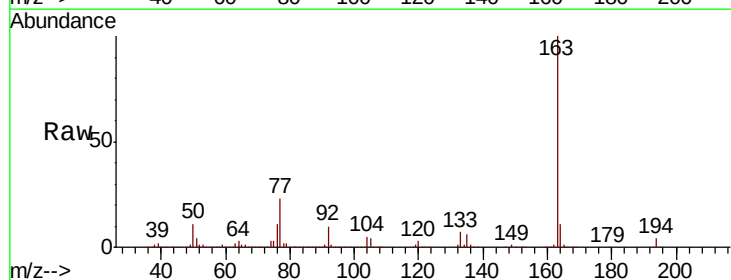
Tgt Ion:163 Resp: 2116237

Ion Ratio Lower Upper

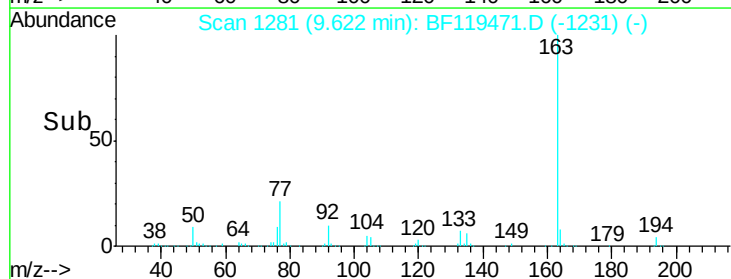
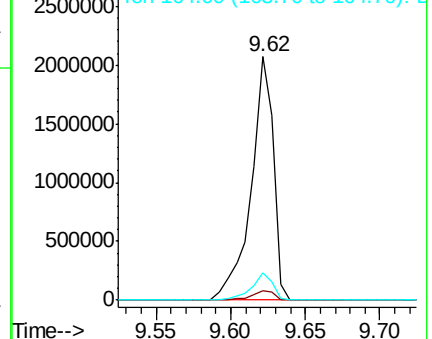
163 100

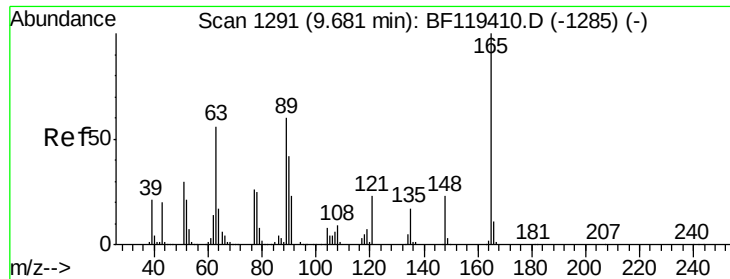
194 3.8 3.2 4.8

164 11.0 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

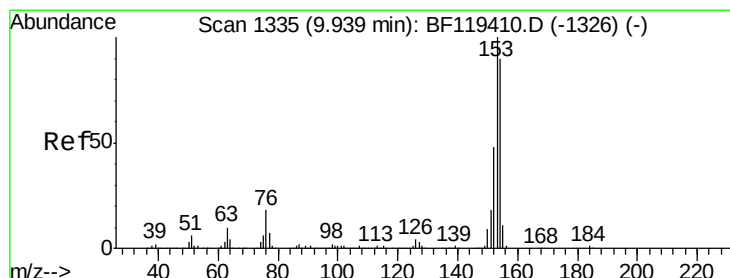
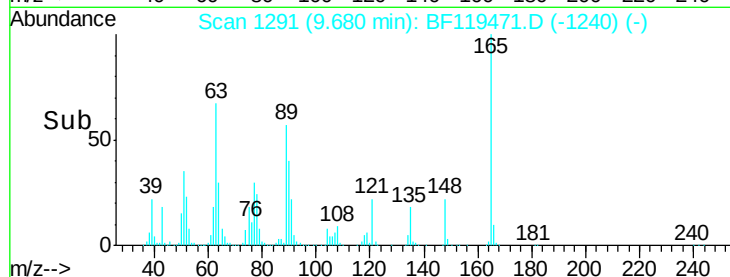
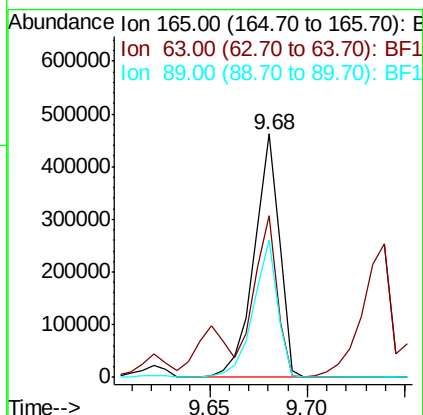
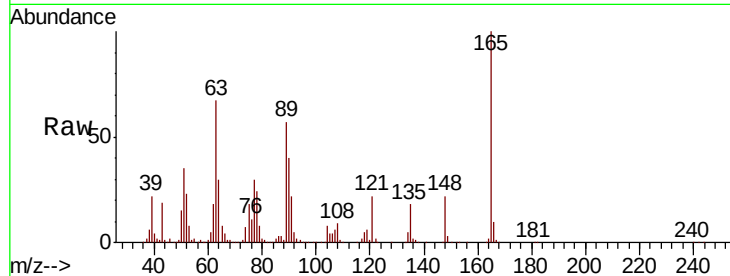




#51
 2,6-Dinitrotoluene
 Concen: 41.289 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BF119471.D
 Acq: 20 Mar 2020 14:44

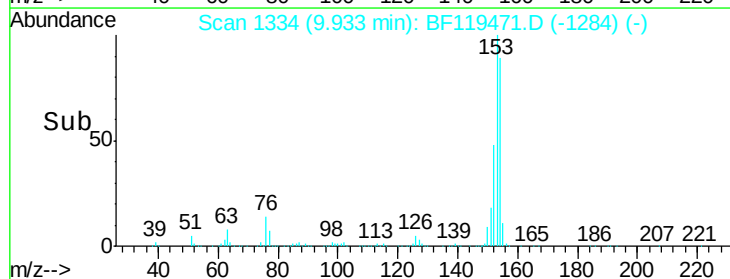
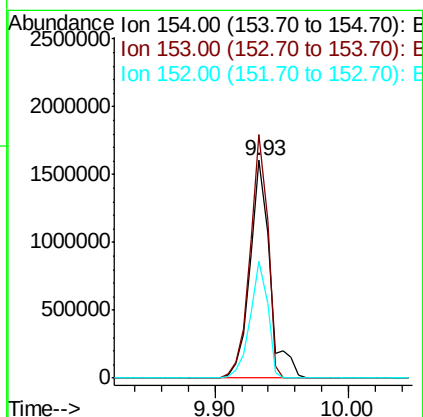
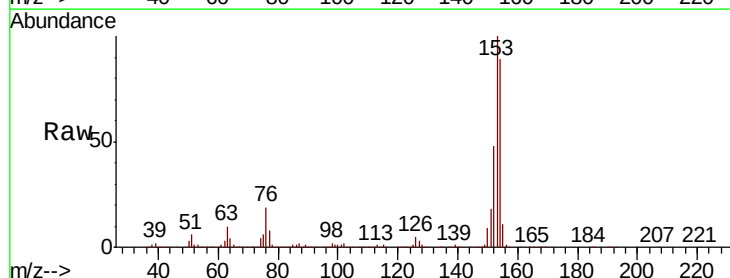
Instrument :
 BNA_F
 ClientSampled :

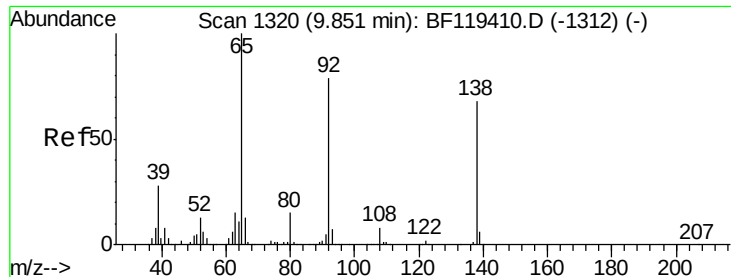
Tot Ion:165 Resp: 414727
 Ion Ratio Lower Upper
 165 100
 63 66.5 57.3 85.9
 89 56.6 47.8 71.8



#52
 Acenaphthene
 Concen: 39.510 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF119471.D
 Acq: 20 Mar 2020 14:44

Tgt Ion:154 Resp: 1628017
 Ion Ratio Lower Upper
 154 100
 153 112.0 89.0 133.6
 152 54.0 43.1 64.7

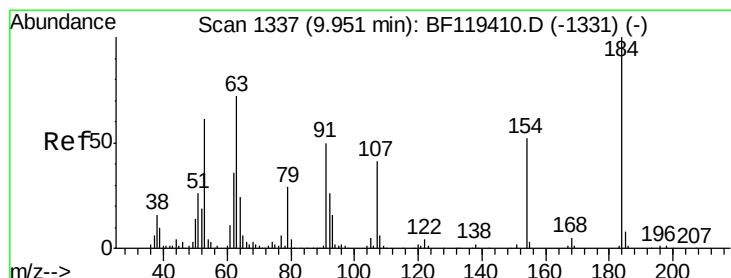
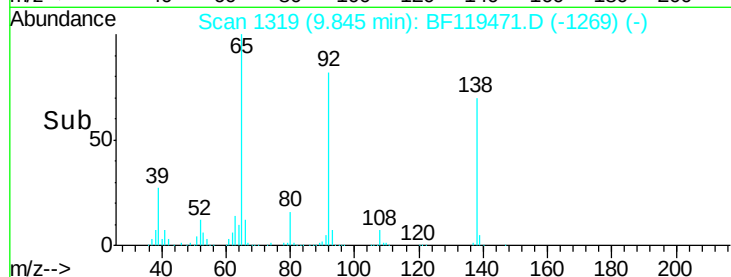
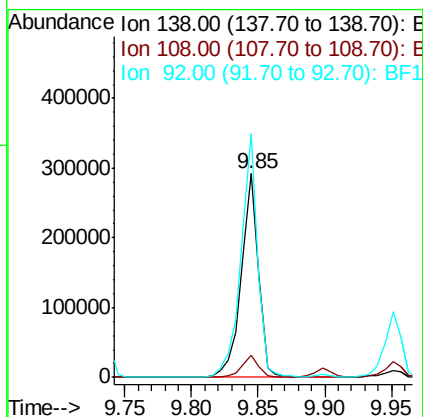
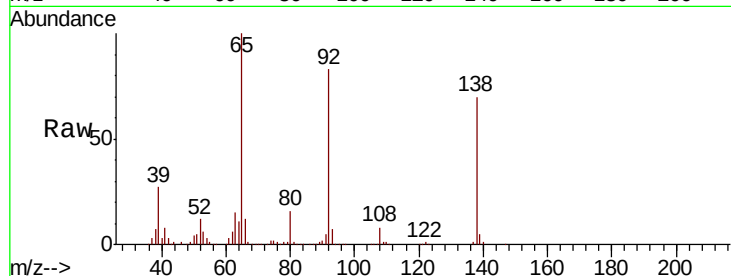




#53
3-Nitroaniline
Concen: 20.733 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

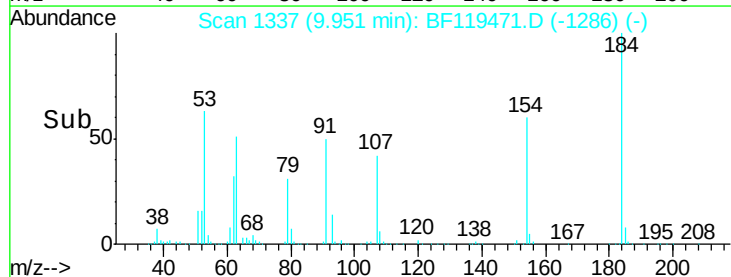
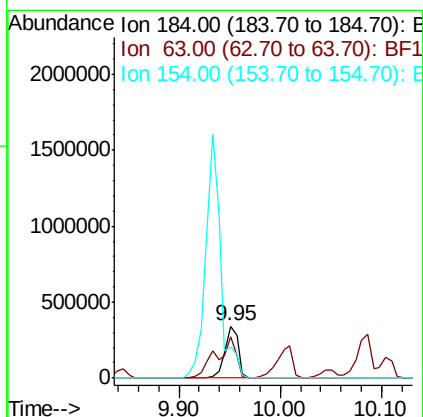
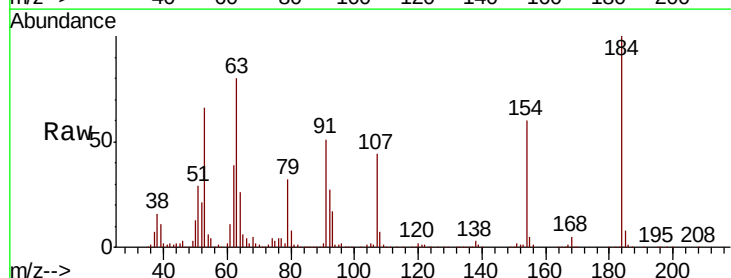
Instrument :
BNA_F
ClientSampleId :

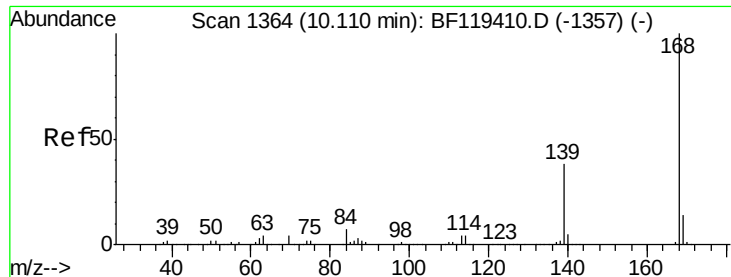
Tot Ion:138 Resp: 262910
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.6
92 119.6 93.2 139.8



#54
2,4-Dinitrophenol
Concen: 72.896 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Tgt Ion:184 Resp: 313739
Ion Ratio Lower Upper
184 100
63 79.8 58.5 87.7
154 59.7 51.8 77.6

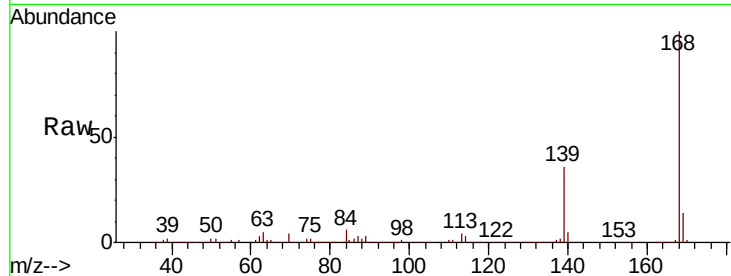




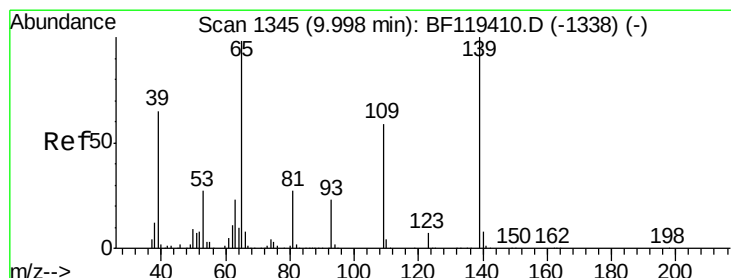
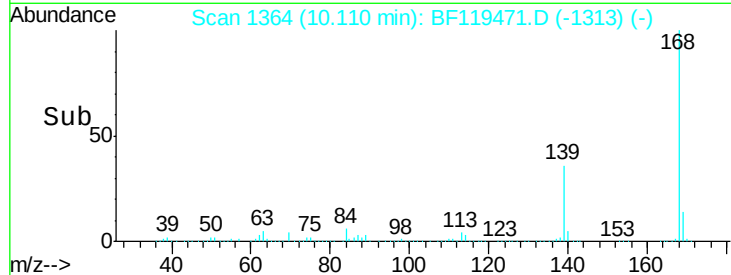
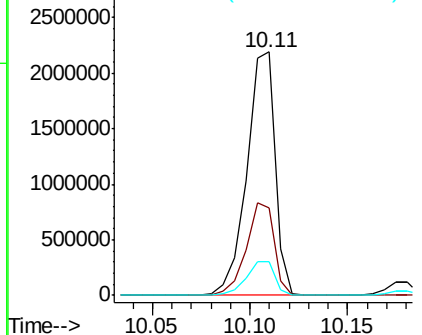
#55
Dibenzenofuran
Concen: 37.408 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 2209965
Ion Ratio Lower Upper
168 100
139 36.1 30.2 45.4
169 13.8 11.1 16.7

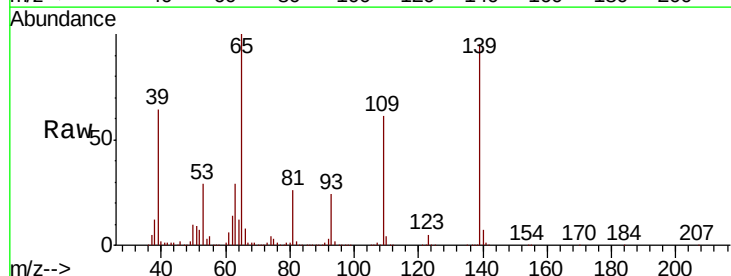


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

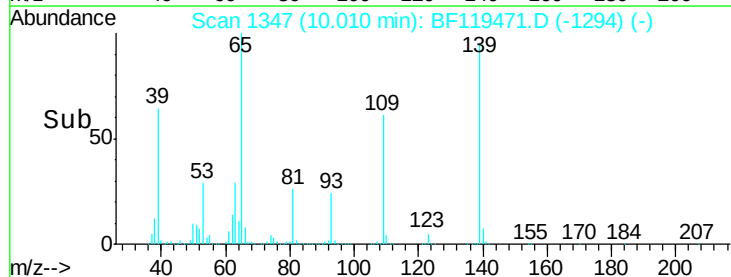
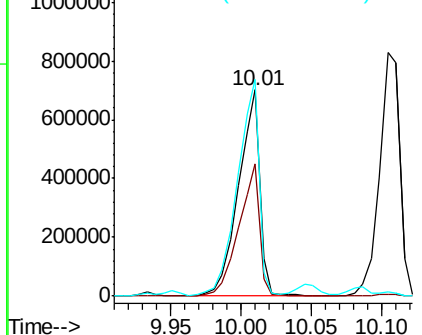


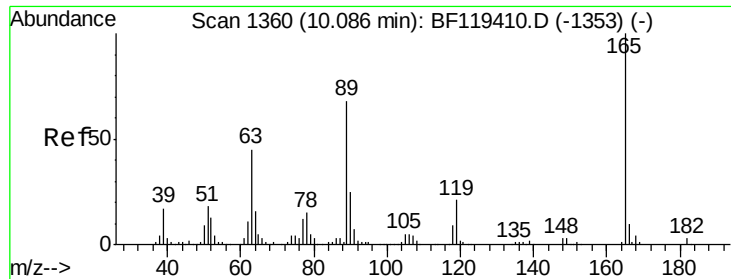
#56
4-Nitrophenol
Concen: 73.906 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Tgt Ion:139 Resp: 739335
Ion Ratio Lower Upper
139 100
109 64.1 39.6 79.6
65 105.1 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

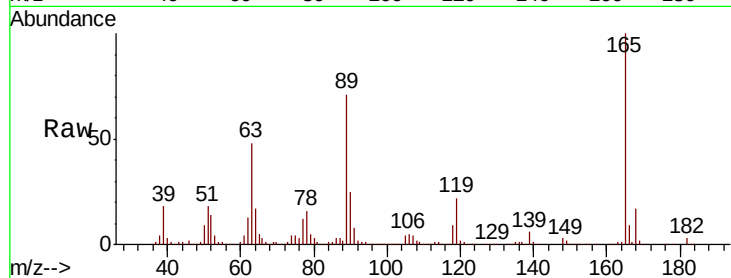




#57
2,4-Dinitrotoluene
Concen: 43.548 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:165	Resp:	551028
Ion	Ratio	Lower Upper
165	100	
63	48.0	36.2 54.4
89	71.2	54.3 81.5
182	2.6	2.0 3.0

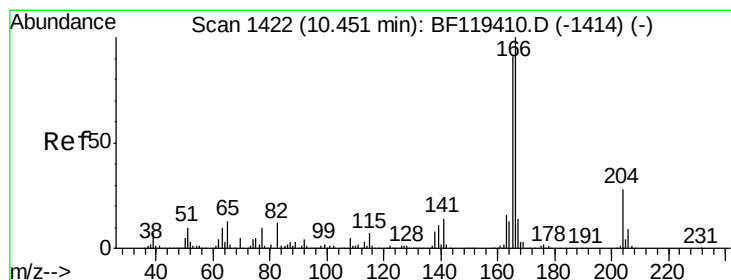
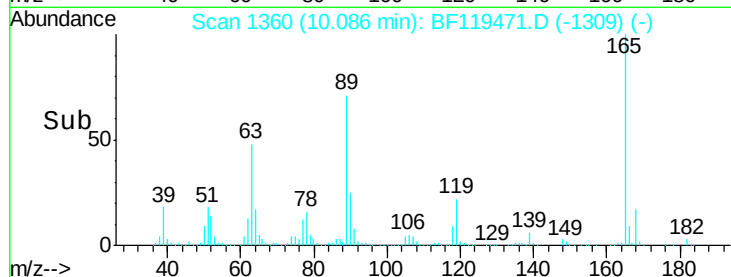
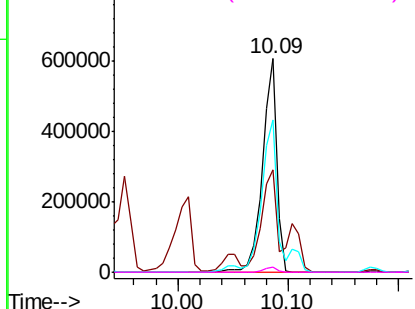


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

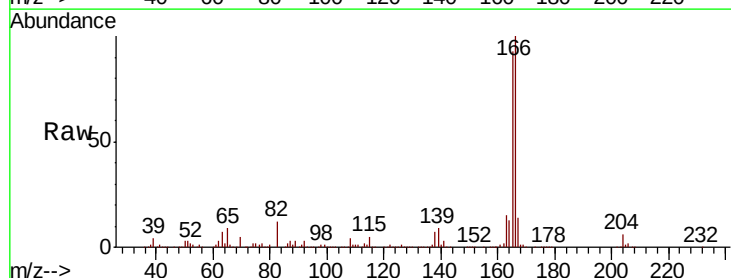
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.000 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

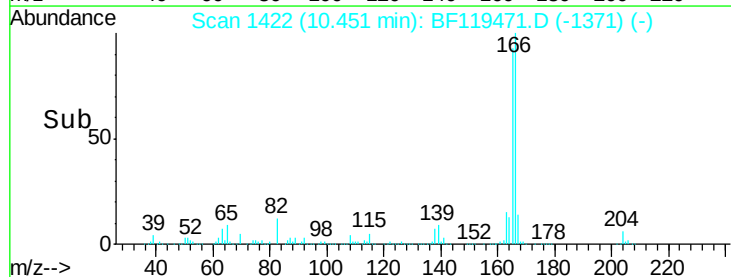
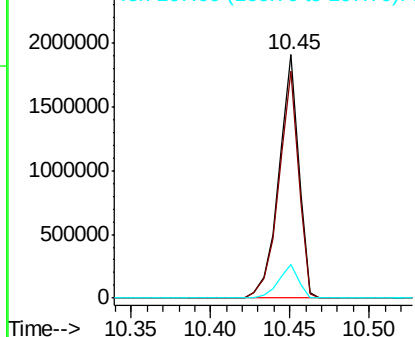
Tgt Ion:166	Resp:	1660108
Ion	Ratio	Lower Upper
166	100	
165	93.5	73.1 109.7
167	13.9	11.0 16.6

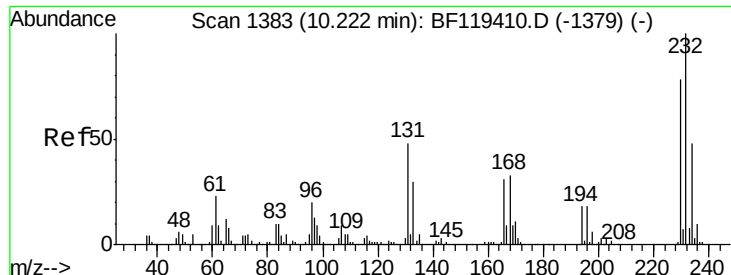


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

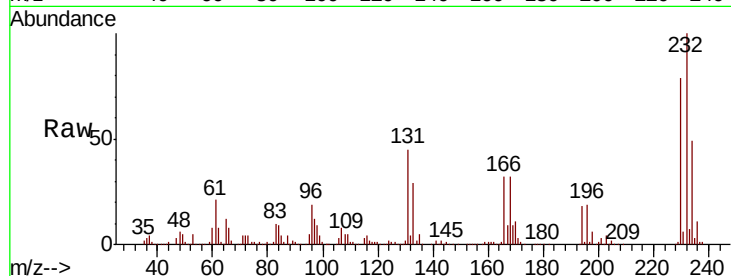




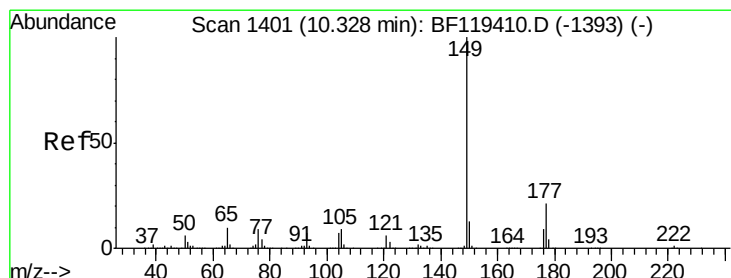
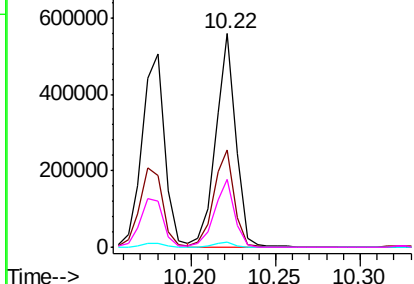
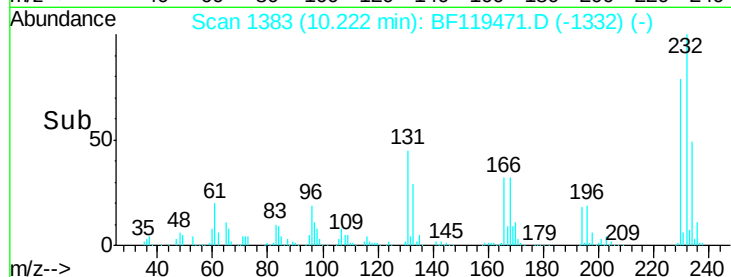
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.010 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF119471.D
 Acq: 20 Mar 2020 14:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 463623
 Ion Ratio Lower Upper
 232 100
 131 46.7 36.3 54.5
 130 2.2 1.8 2.6
 166 31.9 24.9 37.3

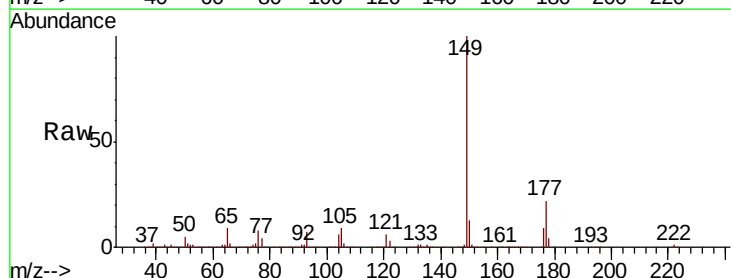


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

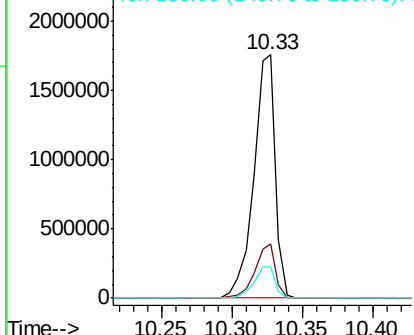
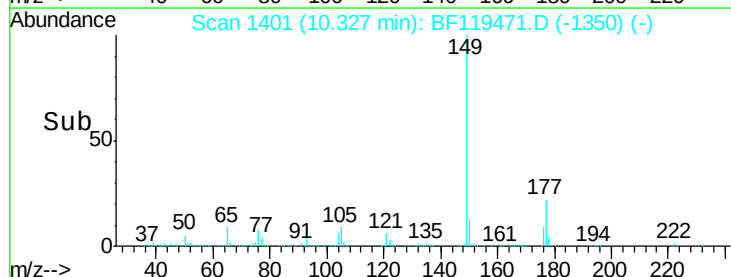


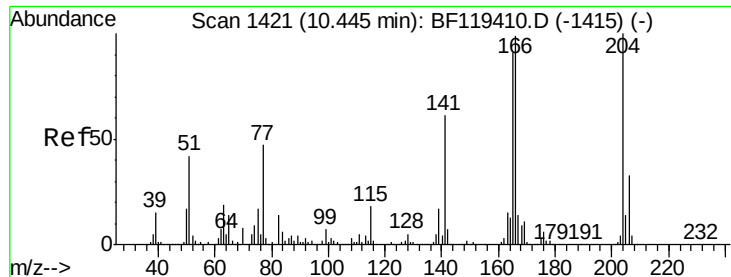
#60
 Diethylphthalate
 Concen: 39.558 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF119471.D
 Acq: 20 Mar 2020 14:44

Tgt Ion:149 Resp: 1881459
 Ion Ratio Lower Upper
 149 100
 177 22.3 17.0 25.6
 150 12.6 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

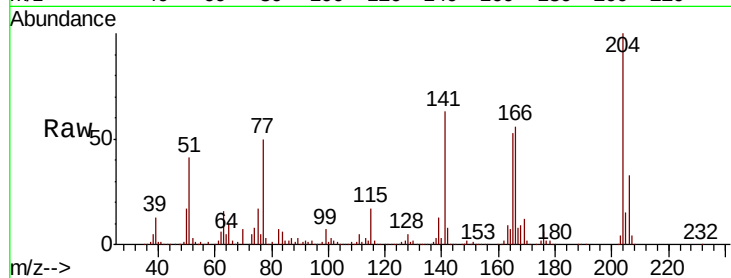




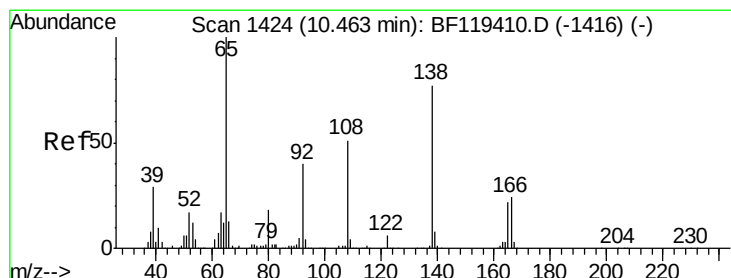
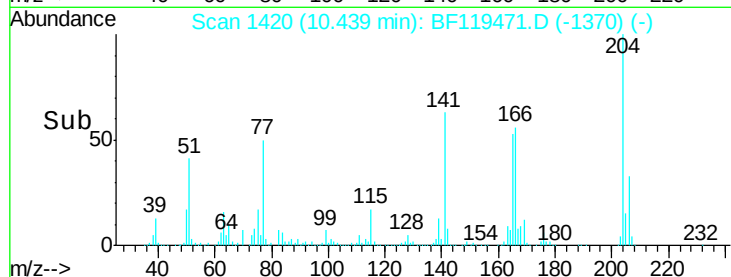
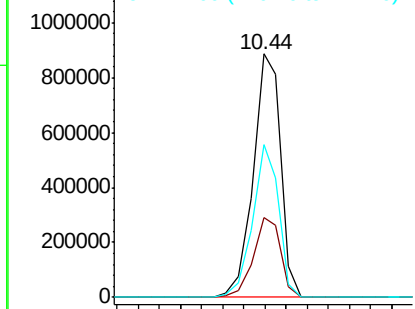
#61
4-Chlorophenyl-phenylether
Concen: 37.546 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 802117
Ion Ratio Lower Upper
204 100
206 32.8 26.7 40.1
141 62.8 48.8 73.2

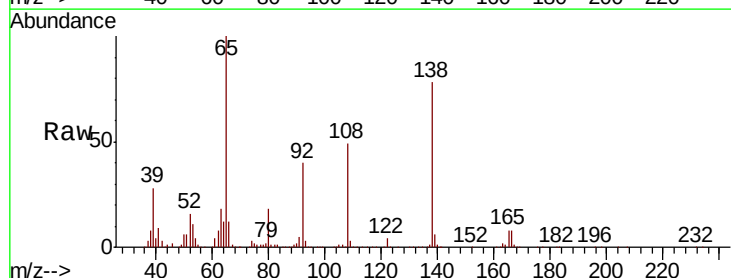


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

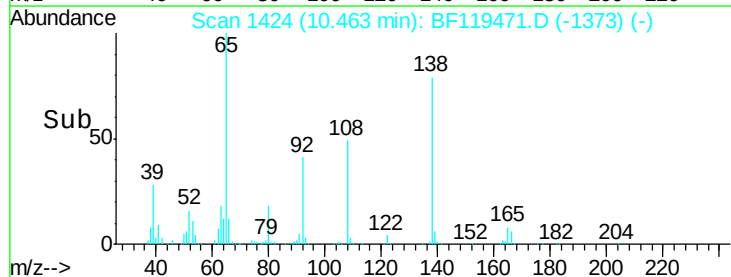
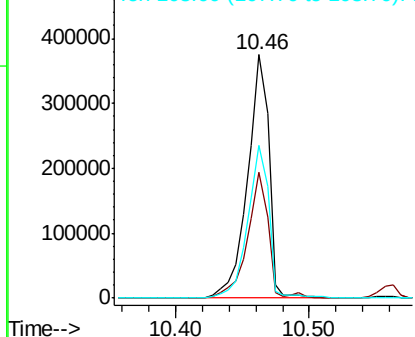


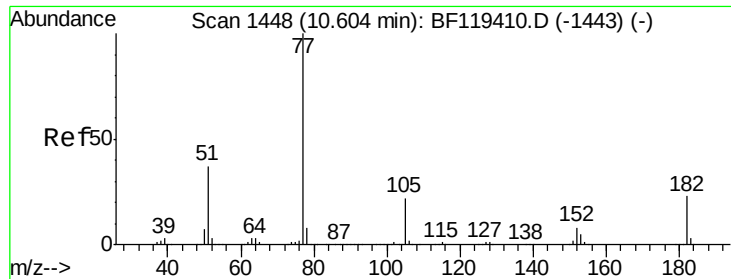
#62
4-Nitroaniline
Concen: 33.820 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Tgt Ion:138 Resp: 411259
Ion Ratio Lower Upper
138 100
92 51.6 32.0 72.0
108 62.7 46.0 86.0



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

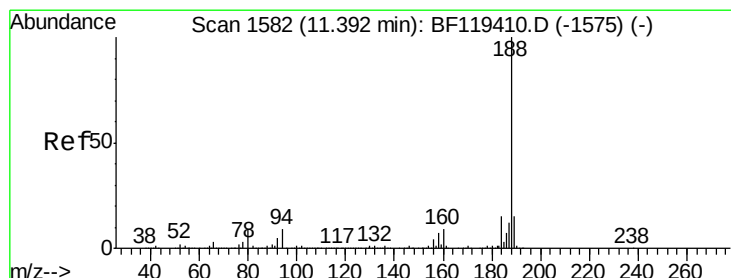
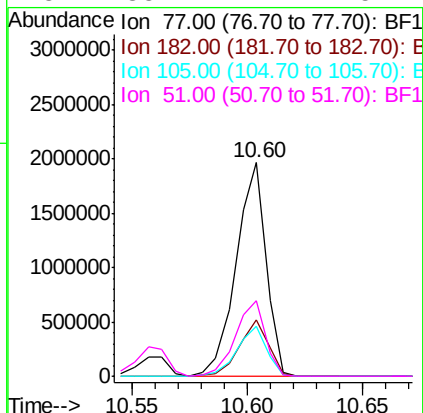
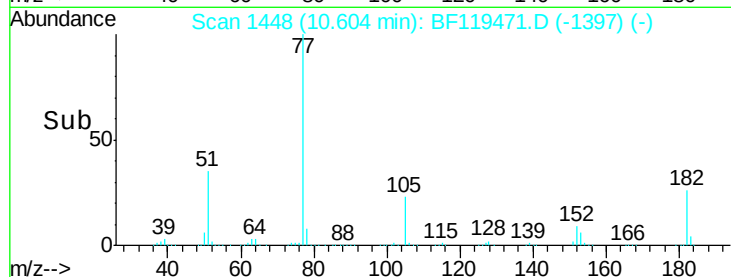
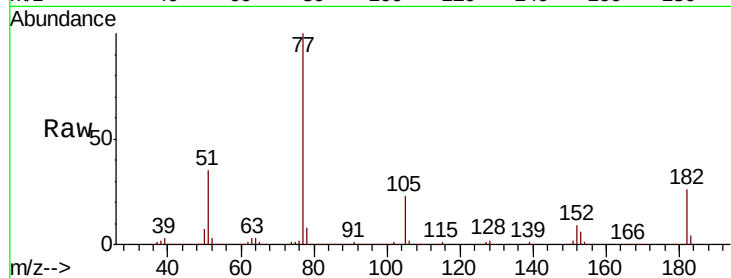




#63
Azobenzene
Concen: 37.206 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

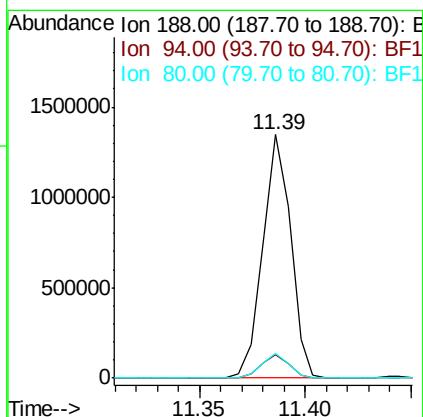
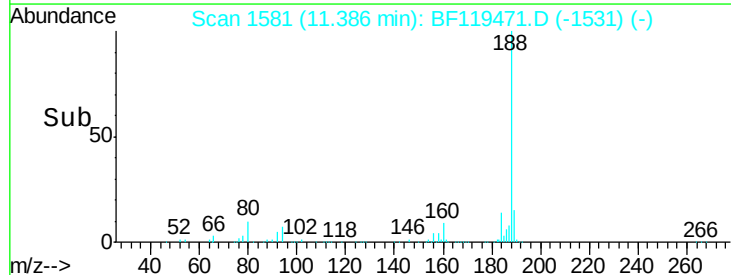
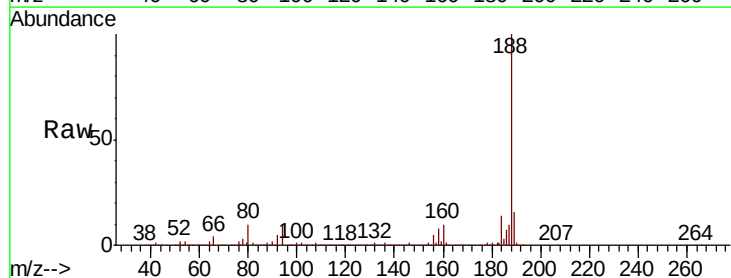
Instrument :
BNA_F
ClientSampleId :

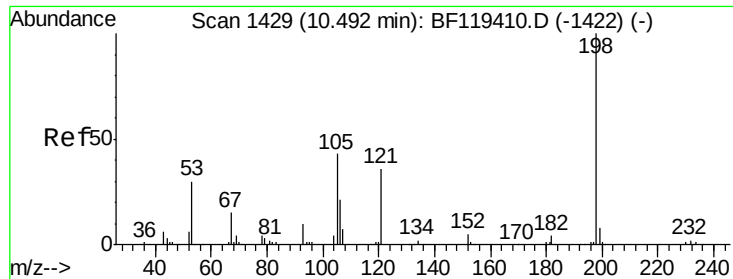
Tot Ion: 77 Resp: 1781995
Ion Ratio Lower Upper
77 100
182 26.3 2.5 42.5
105 23.2 2.5 42.5
51 35.1 17.1 57.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Tgt Ion: 188 Resp: 1250243
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 10.2 7.5 11.3

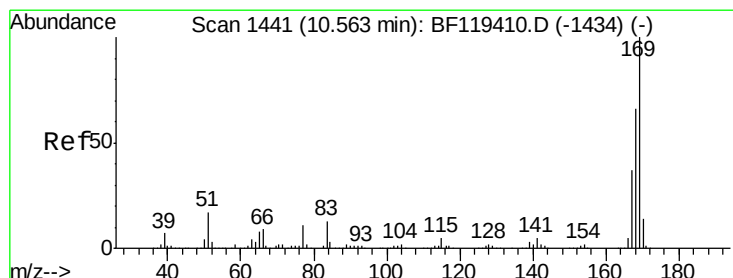
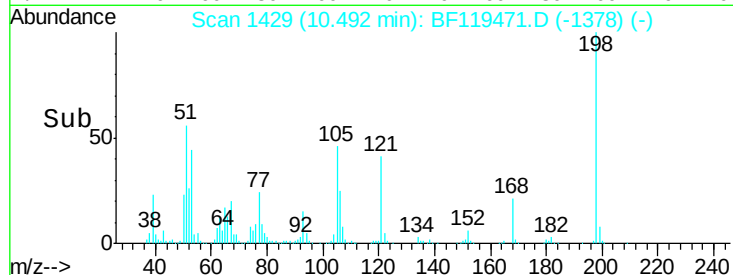
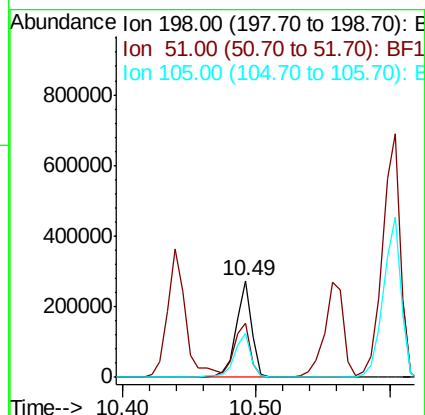
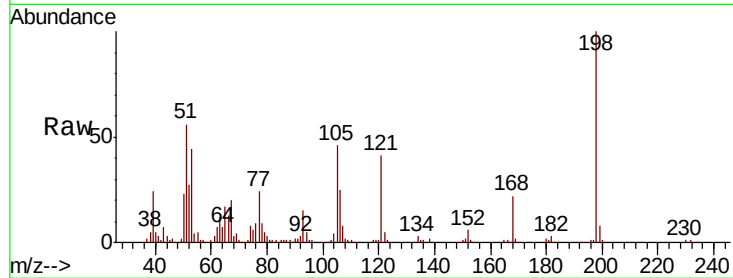




#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.121 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF119471.D
 Acq: 20 Mar 2020 14:44

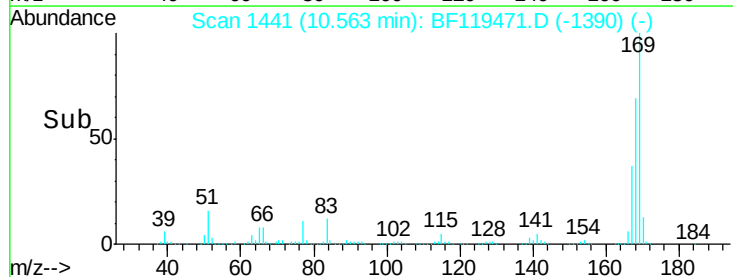
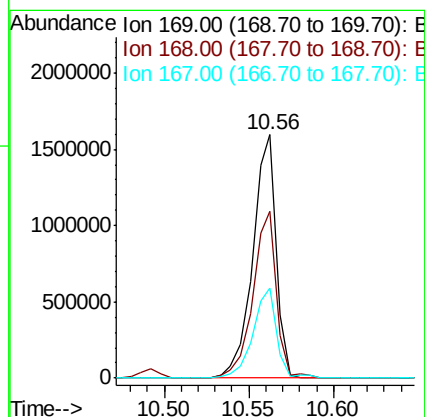
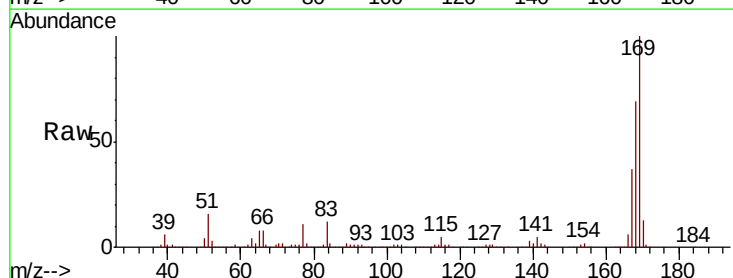
Instrument :
 BNA_F
 ClientSampled :

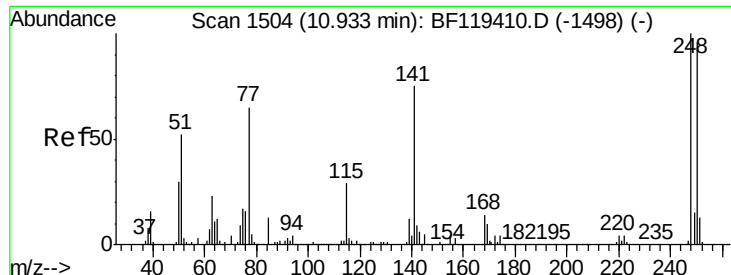
Tot Ion:198 Resp: 226067
 Ion Ratio Lower Upper
 198 100
 51 55.8 33.1 73.1
 105 45.9 24.1 64.1



#66
 n-Nitrosodiphenylamine
 Concen: 37.733 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BF119471.D
 Acq: 20 Mar 2020 14:44

Tgt Ion:169 Resp: 1548698
 Ion Ratio Lower Upper
 169 100
 168 68.7 52.7 79.1
 167 37.1 29.3 43.9

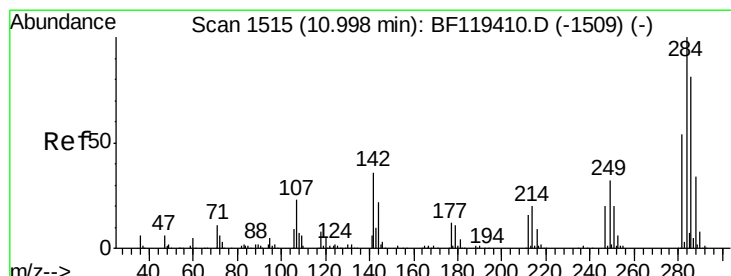
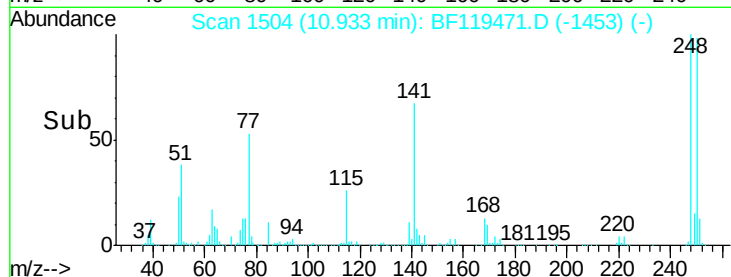
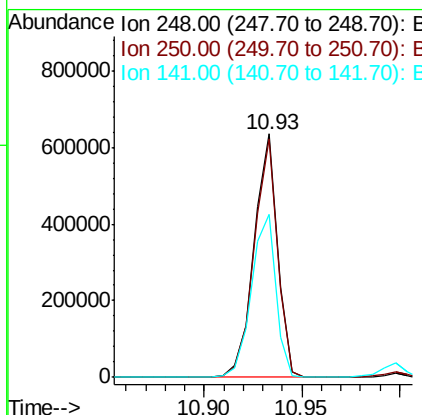
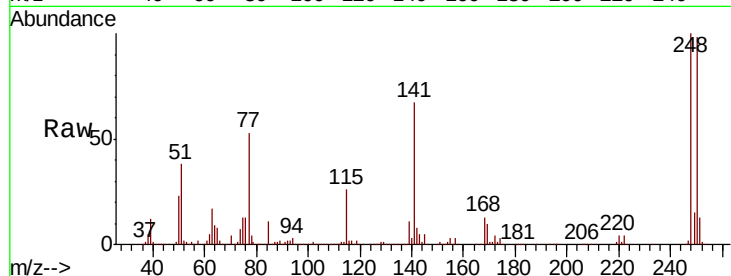




#67
 4-Bromophenyl-phenylether
 Concen: 37.232 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BF119471.D
 Acq: 20 Mar 2020 14:44

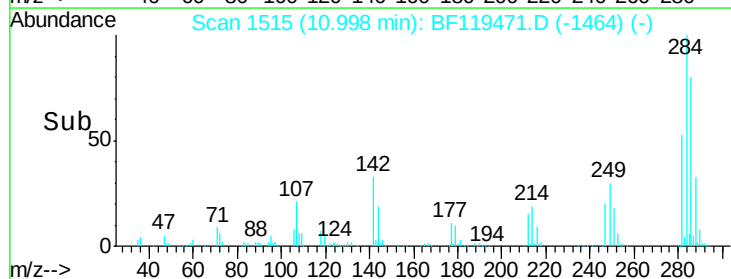
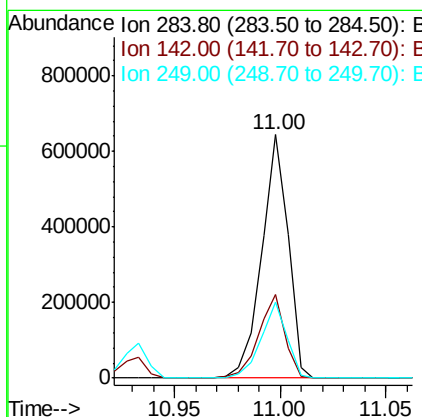
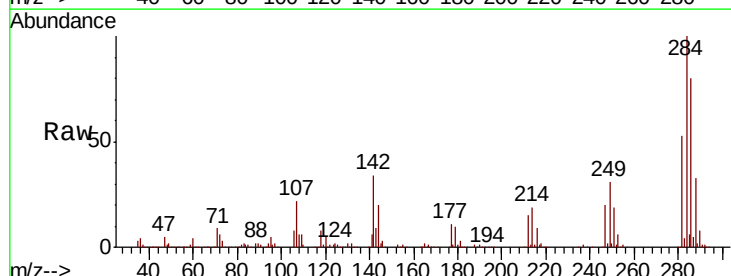
Instrument :
 BNA_F
 ClientSampleId :

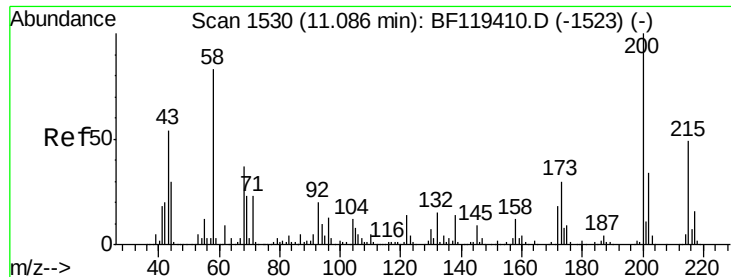
Tot Ion:248 Resp: 530135
 Ion Ratio Lower Upper
 248 100
 250 97.8 77.0 115.6
 141 67.0 59.7 89.5



#68
 Hexachlorobenzene
 Concen: 38.383 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BF119471.D
 Acq: 20 Mar 2020 14:44

Tgt Ion:284 Resp: 559349
 Ion Ratio Lower Upper
 284 100
 142 34.4 28.7 43.1
 249 30.9 25.4 38.0





#69

Atrazine

Concen: 41.529 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

Instrument :

BNA_F

ClientSampleId :

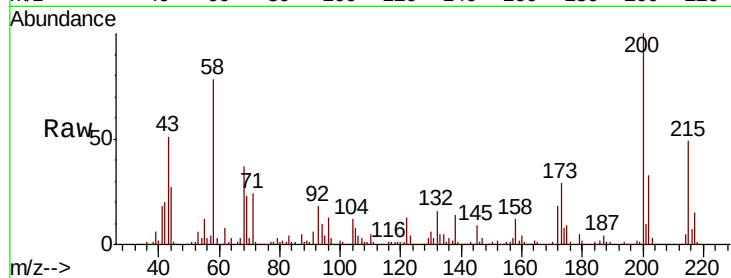
Tot Ion:200 Resp: 467293

Ion Ratio Lower Upper

200 100

173 29.3 9.9 49.9

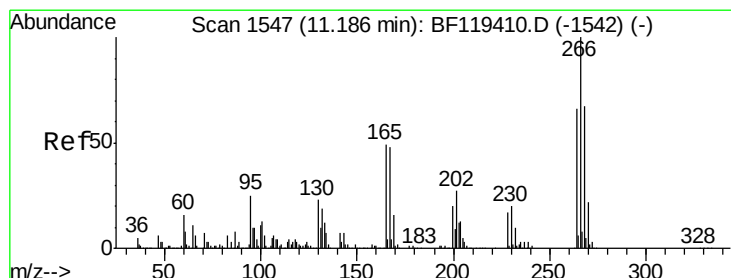
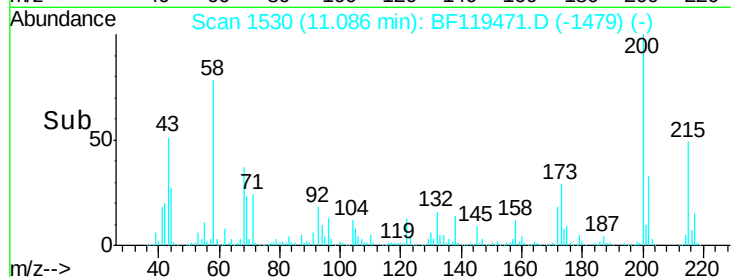
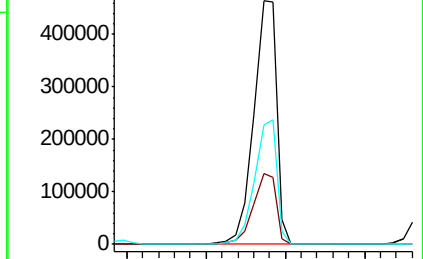
215 49.1 29.4 69.4



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: 72.698 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

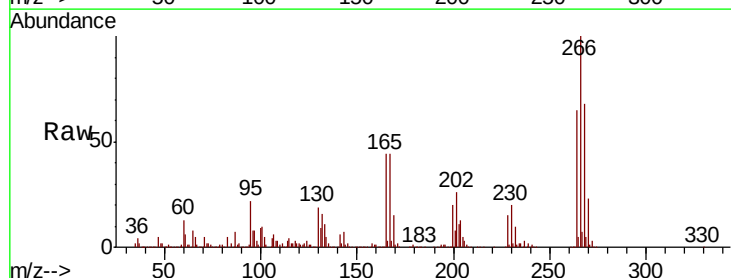
Tgt Ion:266 Resp: 621199

Ion Ratio Lower Upper

266 100

268 68.5 53.7 80.5

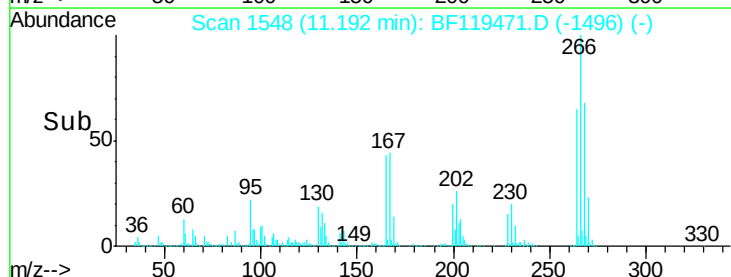
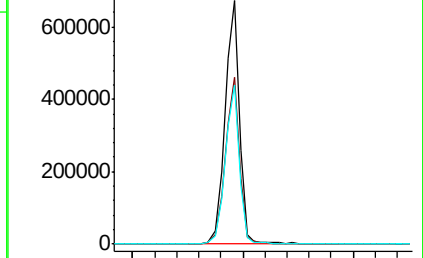
264 65.3 52.5 78.7

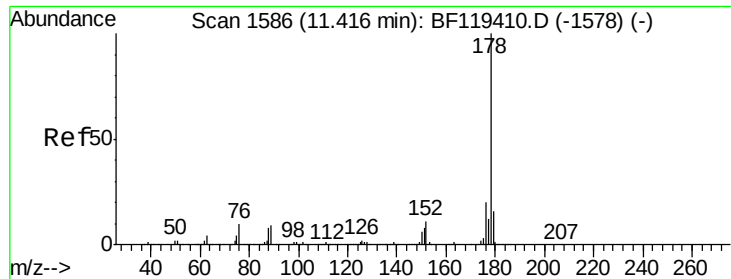


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

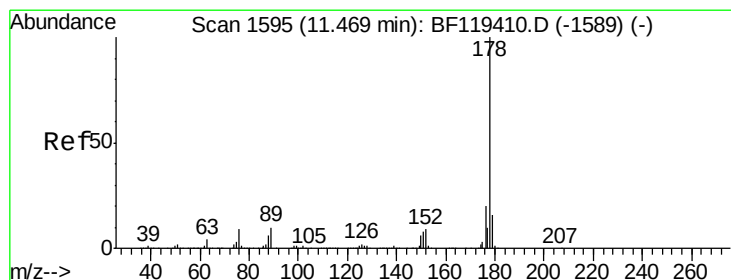
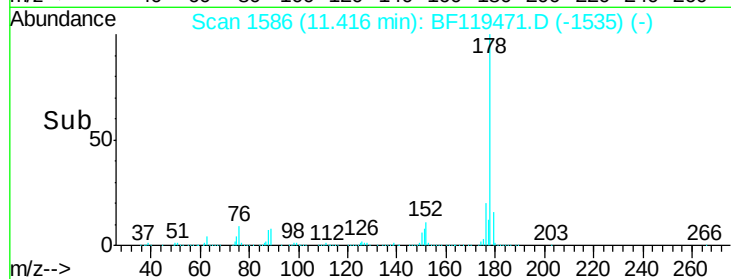
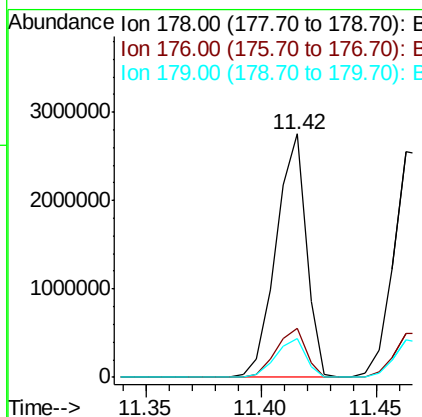
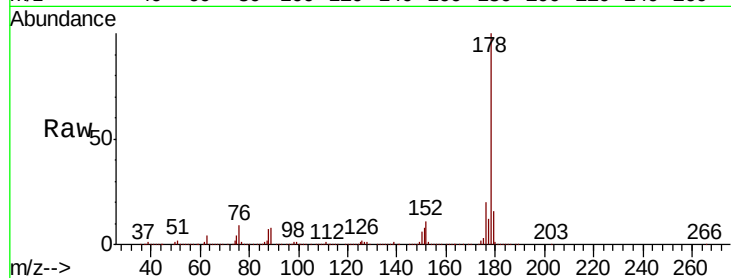




#71
Phenanthrene
Concen: 38.503 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

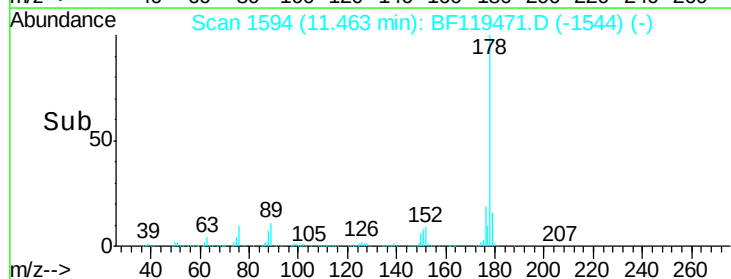
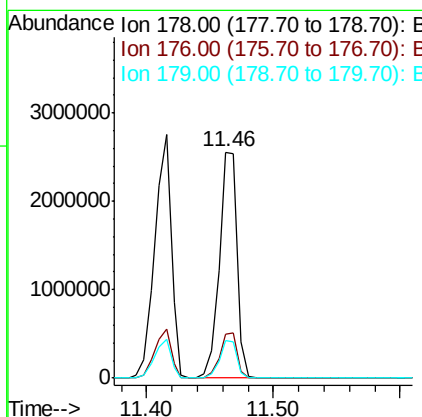
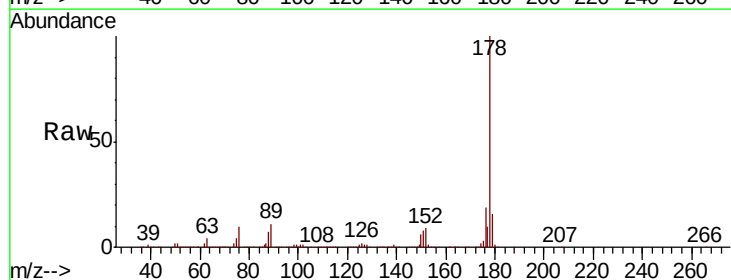
Instrument :
BNA_F
ClientSampleId :

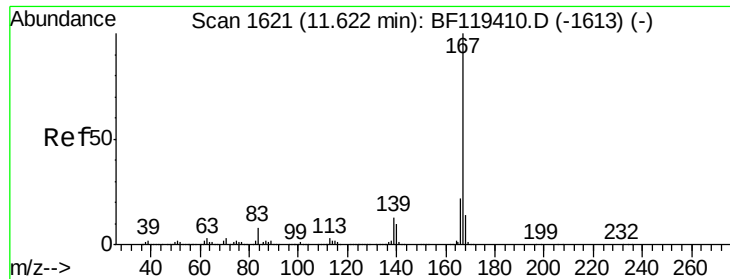
Tot Ion:178 Resp: 2496077
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 16.1 12.9 19.3



#72
Anthracene
Concen: 38.193 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Tgt Ion:178 Resp: 2516445
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 16.5 13.1 19.7





#73

Carbazole

Concen: 35.635 ng

RT: 11.62 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

Instrument :

BNA_F

ClientSampleId :

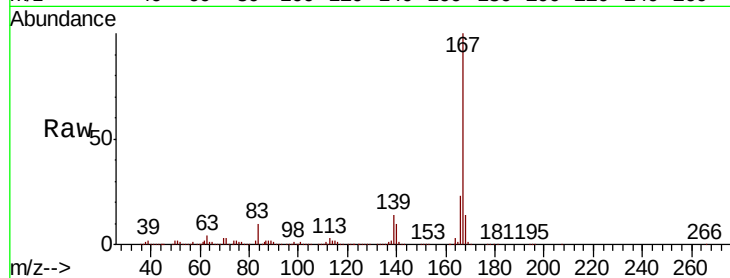
Tot Ion:167 Resp: 2323966

Ion Ratio Lower Upper

167 100

166 22.8 17.8 26.6

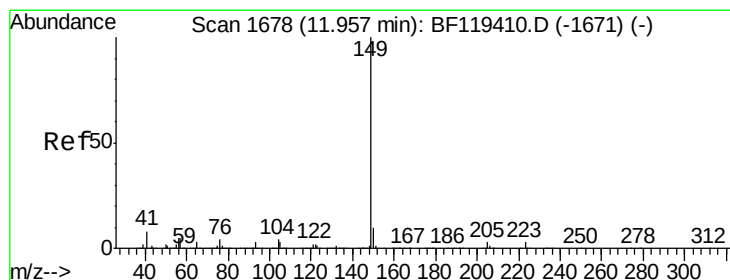
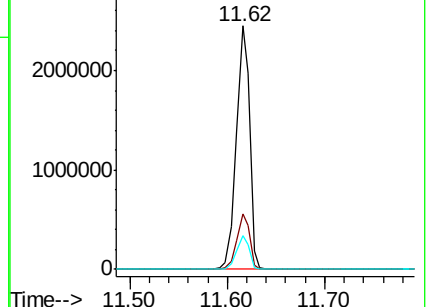
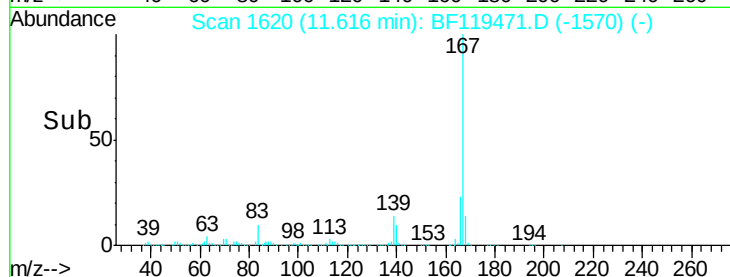
139 13.9 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.490 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

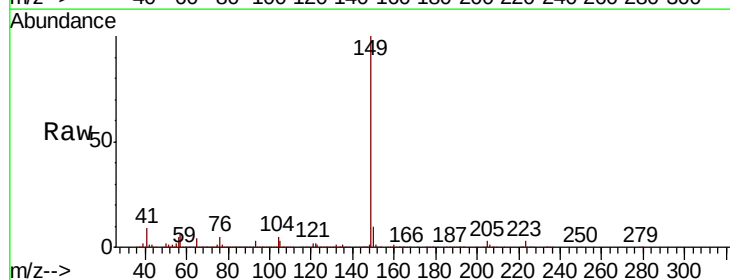
Tgt Ion:149 Resp: 2894497

Ion Ratio Lower Upper

149 100

150 10.1 7.6 11.4

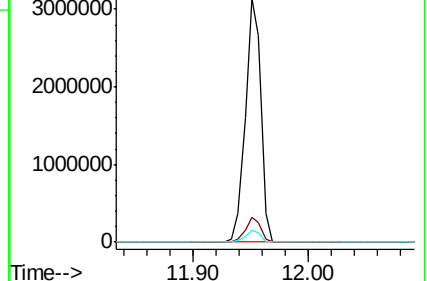
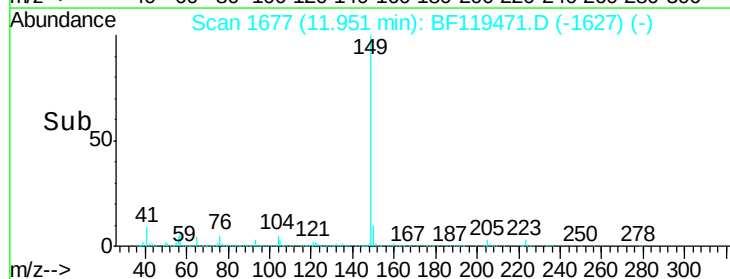
104 5.0 3.5 5.3

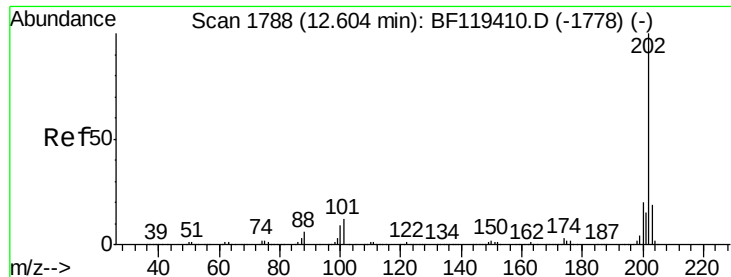


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

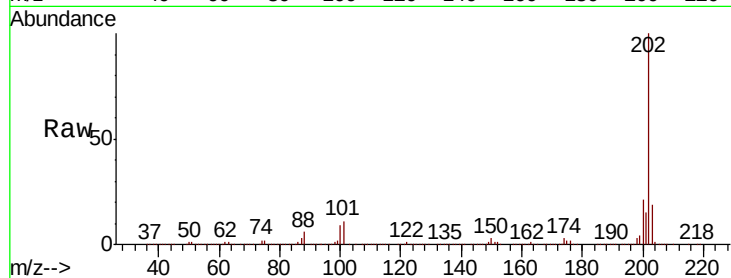




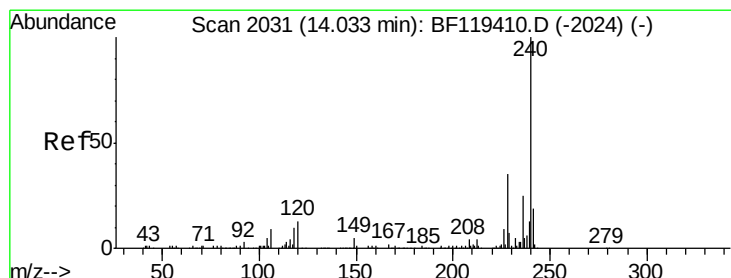
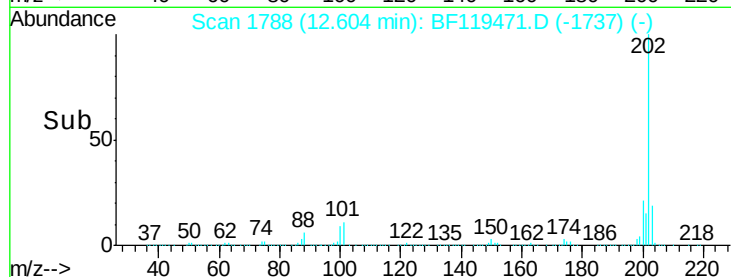
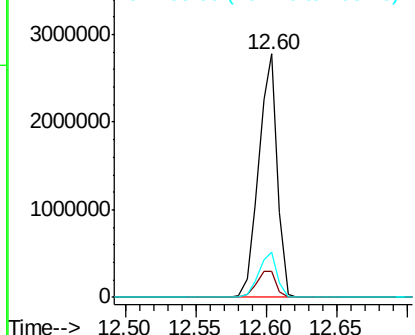
#75
Fluoranthene
Concen: 36.899 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2588844
Ion Ratio Lower Upper
202 100
101 10.9 0.0 32.4
203 18.8 0.0 38.5

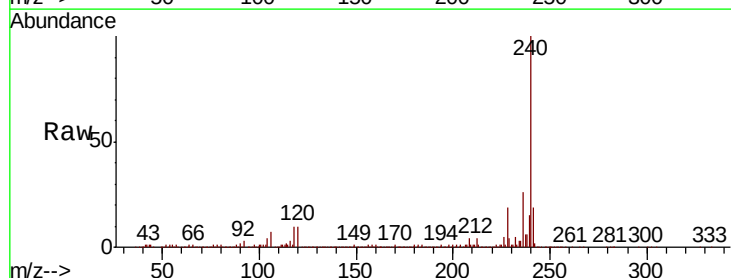


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

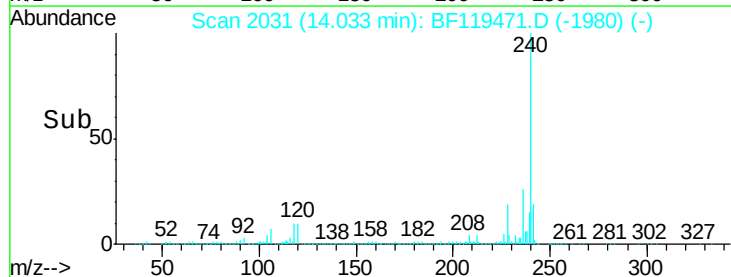
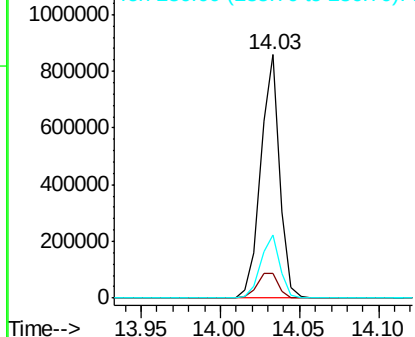


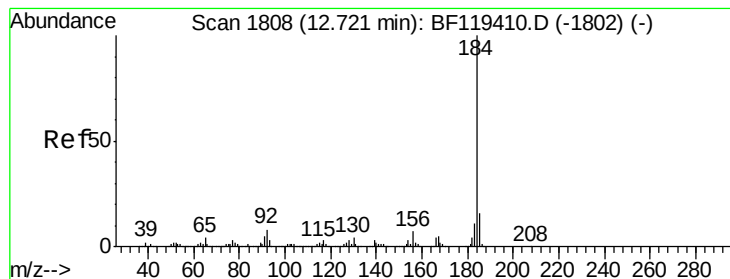
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Tgt Ion:240 Resp: 715082
Ion Ratio Lower Upper
240 100
120 10.3 10.2 15.4
236 25.9 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: 45.647 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

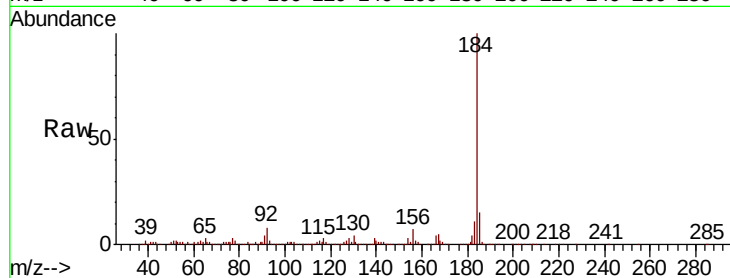
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1381397

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.9	19.3
183	10.9	9.0	13.4

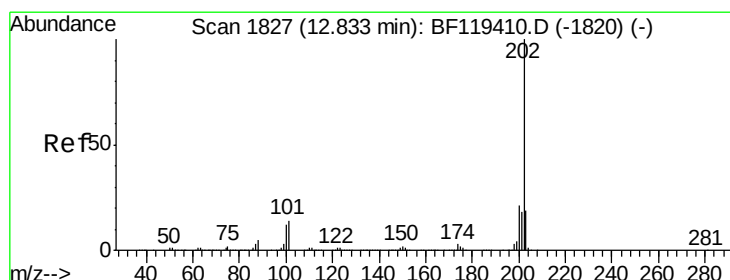
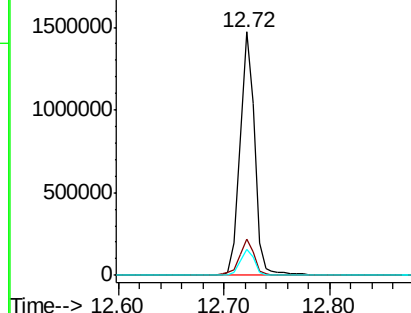
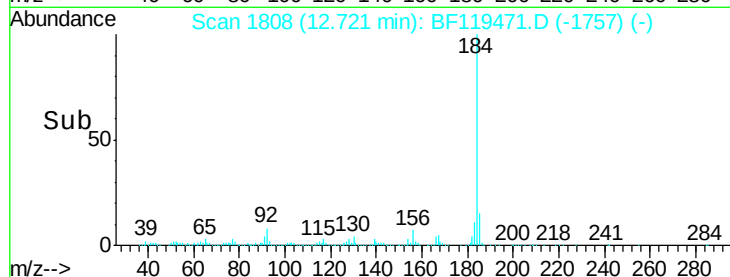


Abundance

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: 43.596 ng

RT: 12.83 min Scan# 1827

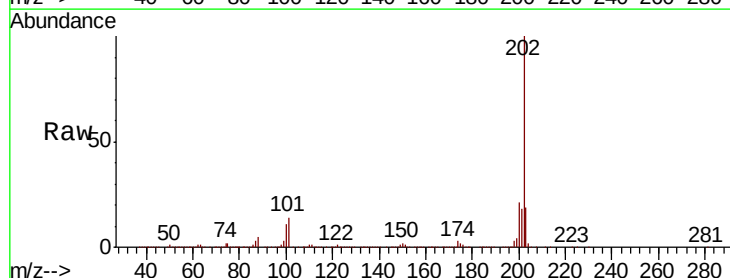
Delta R.T. -0.00 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

Tgt Ion:202 Resp: 2558464

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	18.6	14.8	22.2

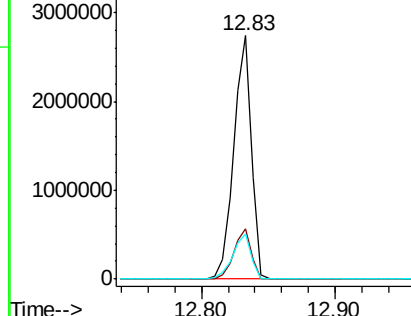
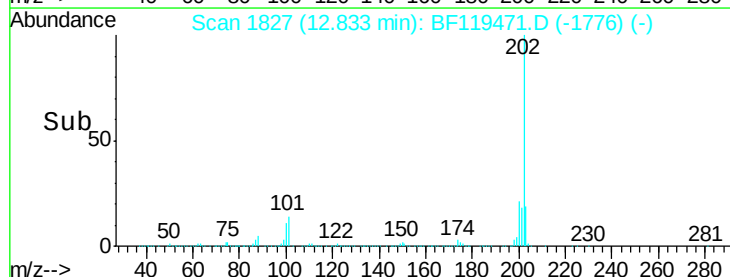


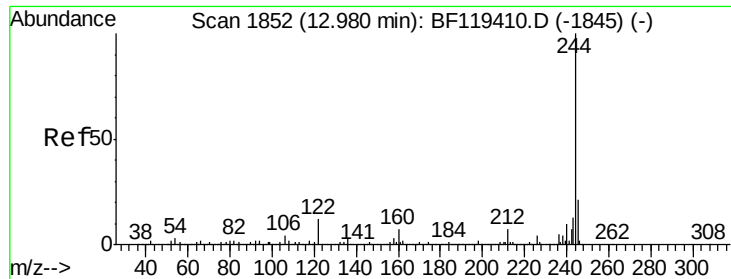
Abundance

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

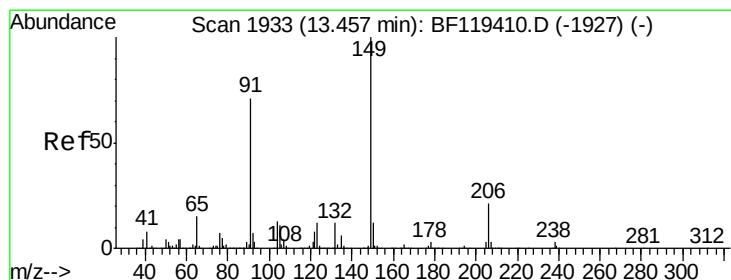
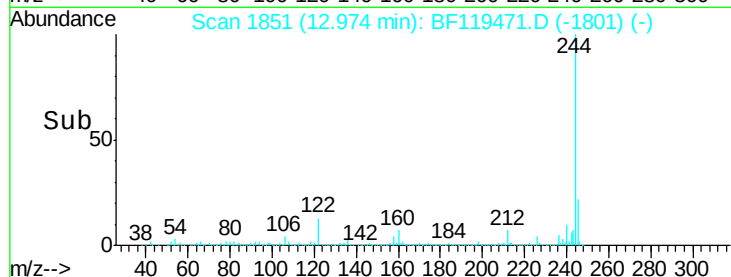
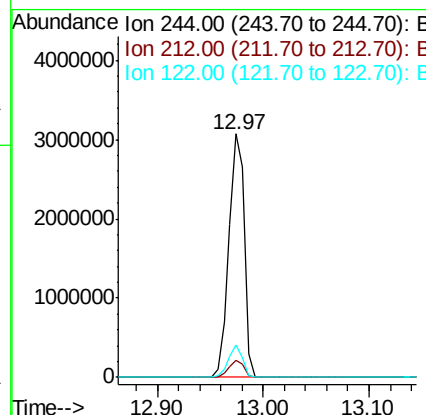
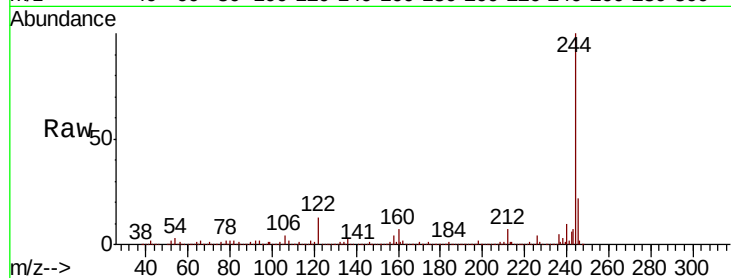




#79
 Terphenyl-d14
 Concen: 85.368 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF119471.D
 Acq: 20 Mar 2020 14:44

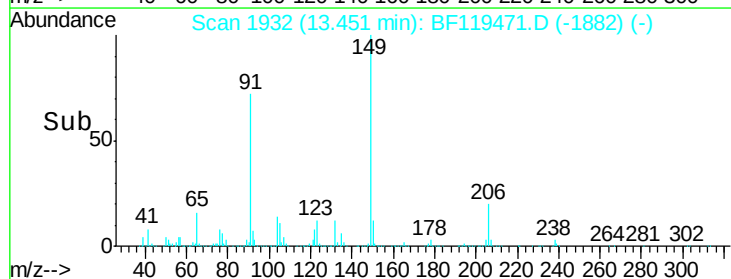
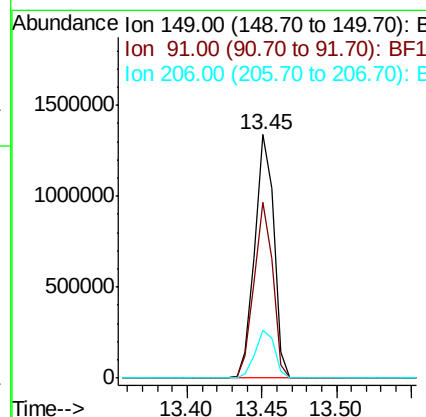
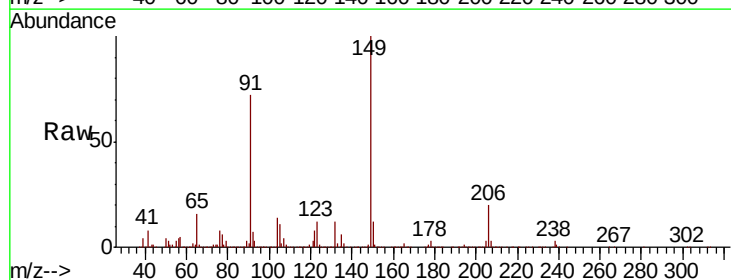
Instrument :
 BNA_F
 ClientSampleId :

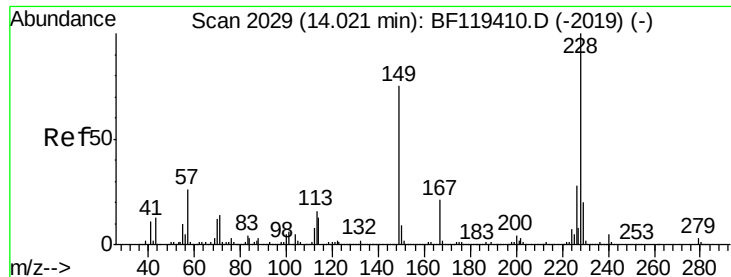
Tot Ion:244 Resp: 3115800
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 13.2 9.8 14.8



#80
 Butylbenzylphthalate
 Concen: 49.688 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF119471.D
 Acq: 20 Mar 2020 14:44

Tgt Ion:149 Resp: 1179379
 Ion Ratio Lower Upper
 149 100
 91 72.5 57.0 85.6
 206 19.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 37.630 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

Instrument :

BNA_F

ClientSampleId :

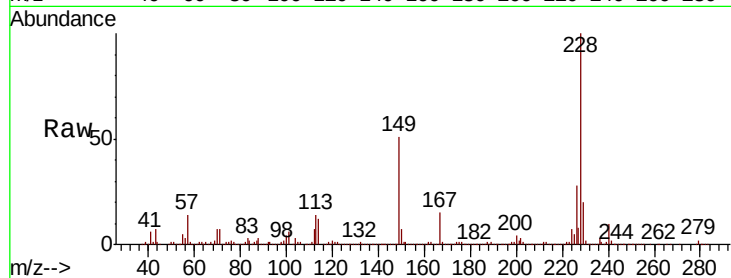
Tot Ion:228 Resp: 1749826

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

229 20.0 16.3 24.5

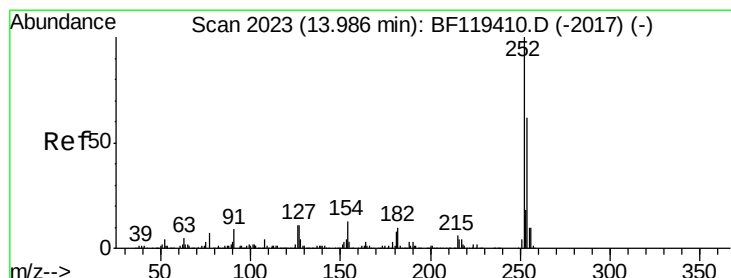
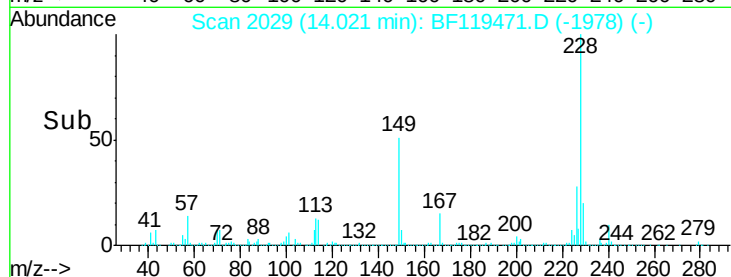
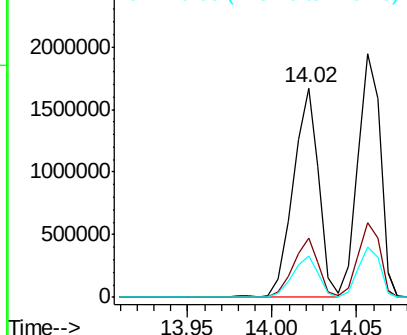


Abundance

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: 33.432 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

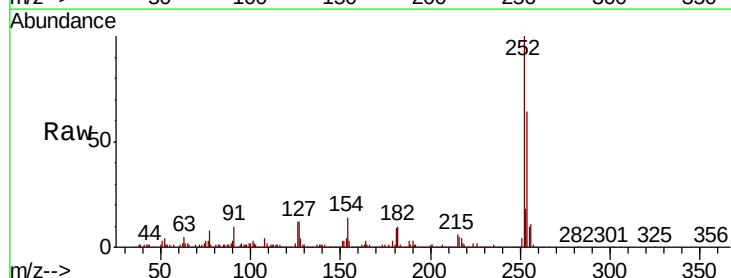
Tgt Ion:252 Resp: 612961

Ion Ratio Lower Upper

252 100

254 64.3 49.8 74.8

126 12.5 8.9 13.3

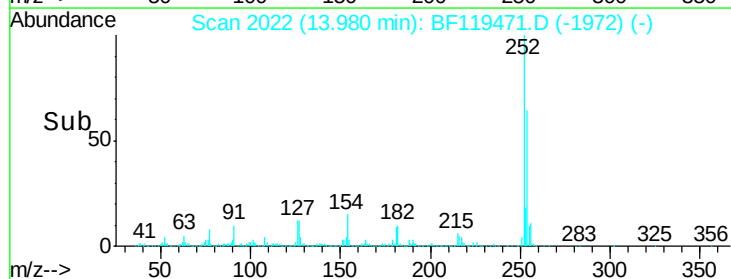
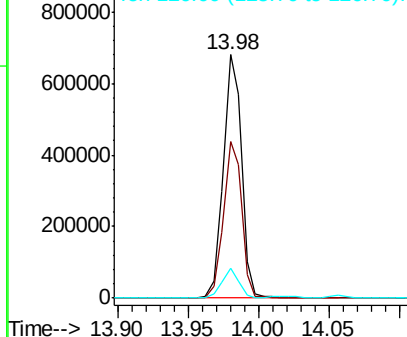


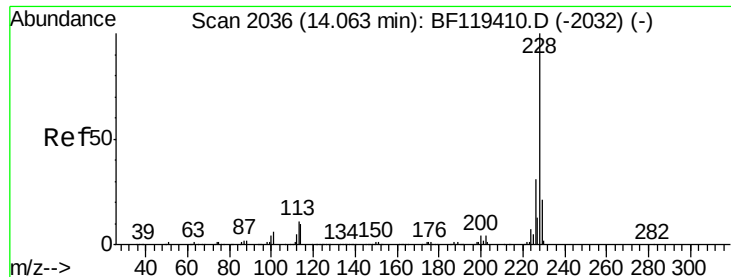
Abundance

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: 37.239 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

Instrument :

BNA_F

ClientSampleId :

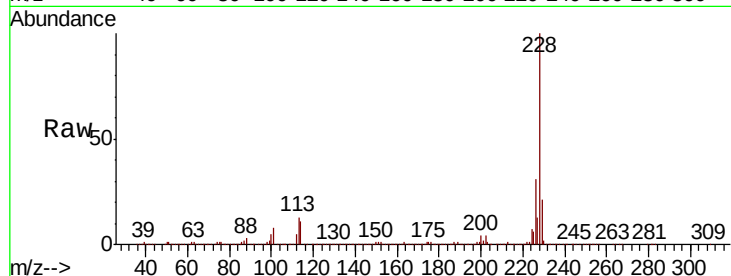
Tot Ion:228 Resp: 1787118

Ion Ratio Lower Upper

228 100

226 30.6 24.8 37.2

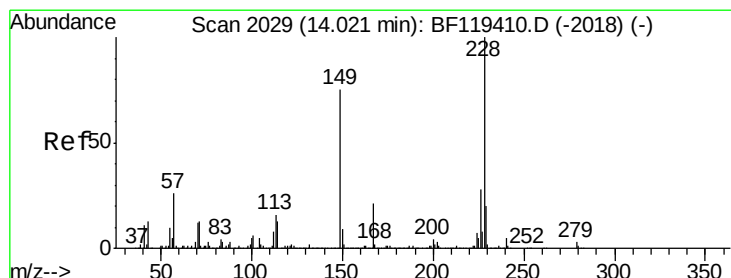
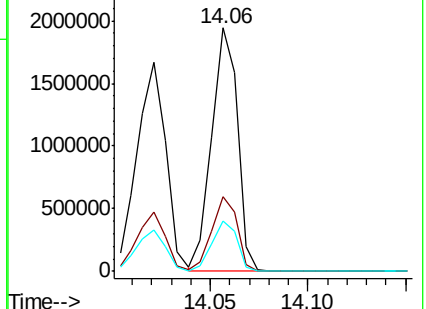
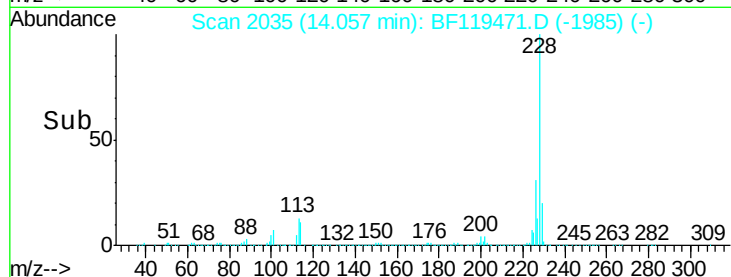
229 20.5 16.6 25.0



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: 52.960 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

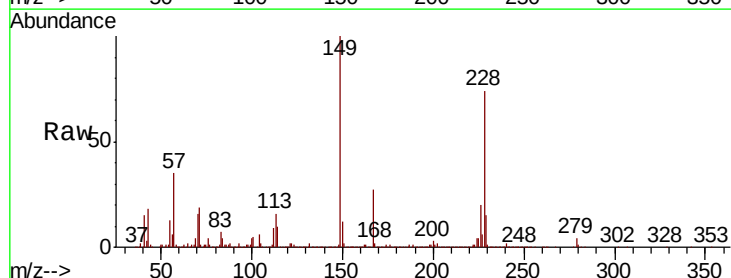
Tgt Ion:149 Resp: 1498499

Ion Ratio Lower Upper

149 100

167 27.0 22.0 33.0

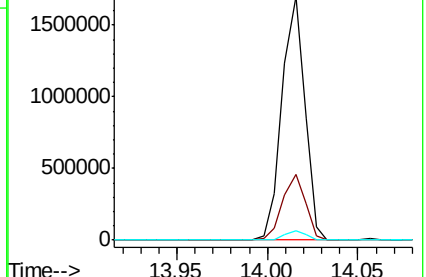
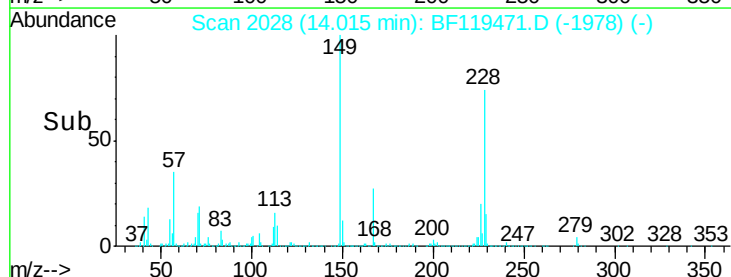
279 3.7 3.2 4.8

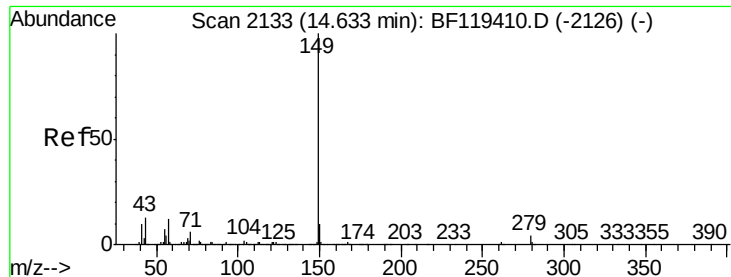


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.050 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

Instrument :

BNA_F

ClientSampleId :

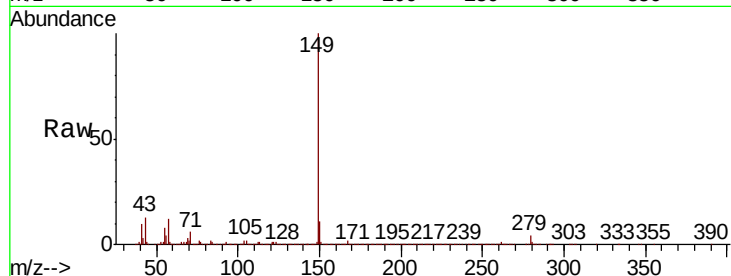
Tot Ion:149 Resp: 2391107

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

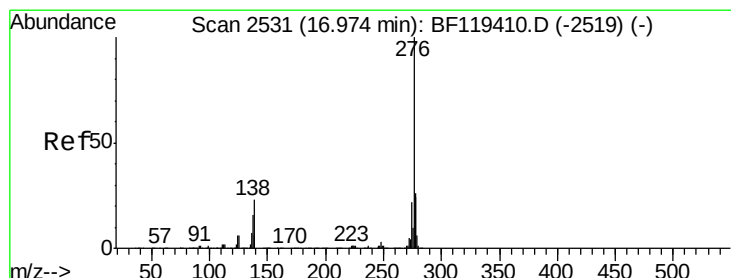
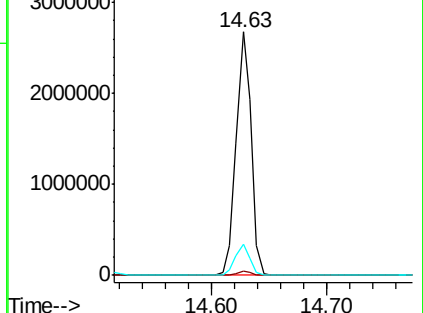
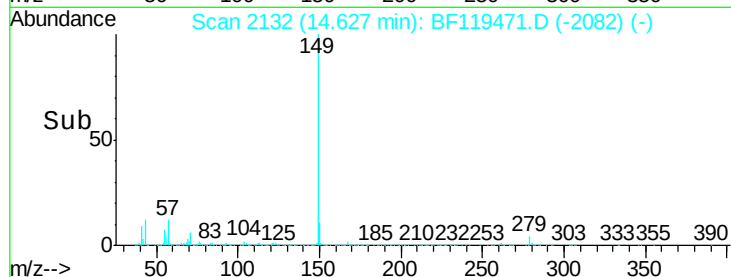
43 11.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.577 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.01 min

Lab File: BF119471.D

Acq: 20 Mar 2020 14:44

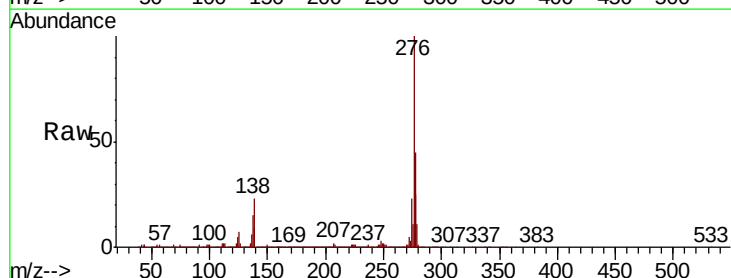
Tgt Ion:276 Resp: 1969595

Ion Ratio Lower Upper

276 100

138 24.9 21.3 31.9

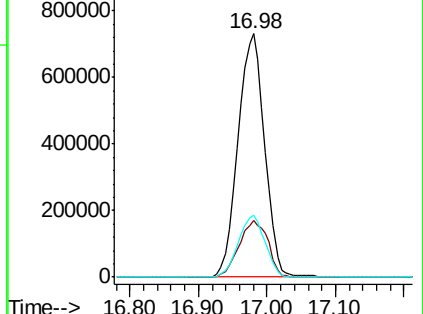
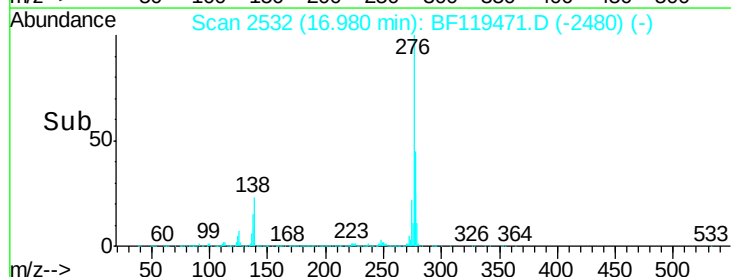
277 25.5 20.2 30.2

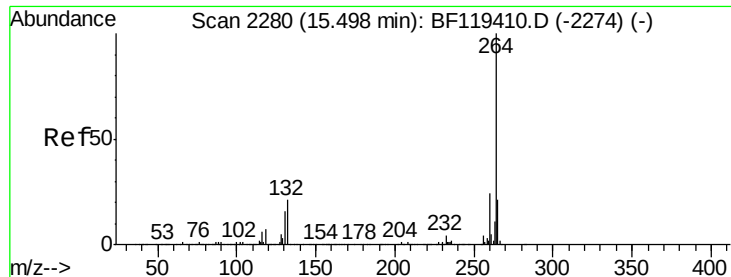


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

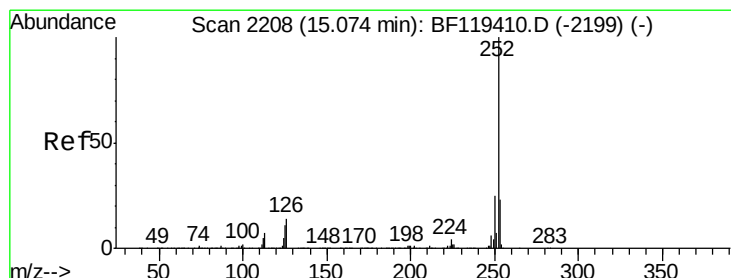
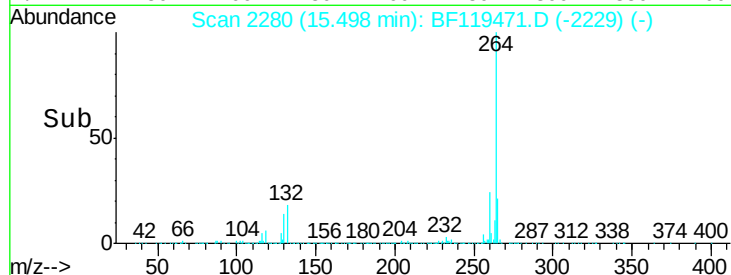
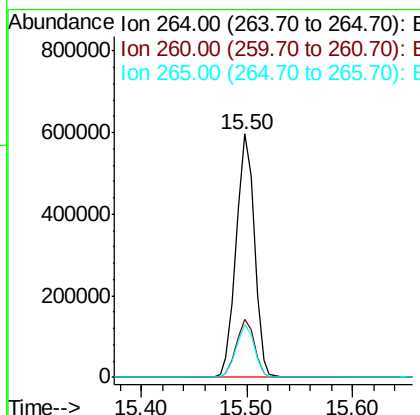
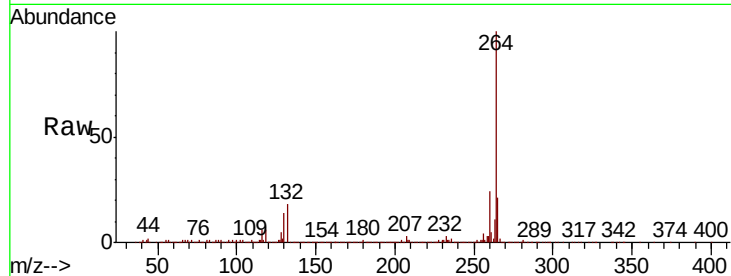




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

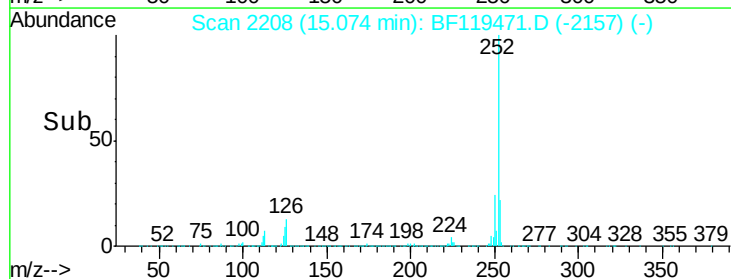
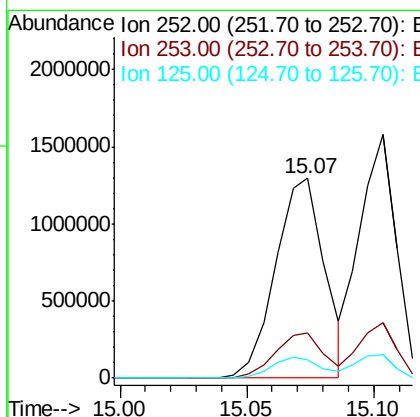
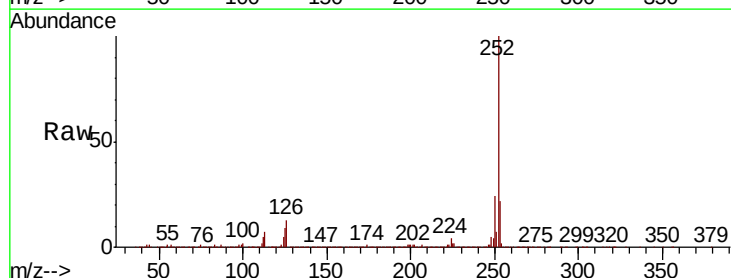
Instrument :
BNA_F
ClientSampleId :

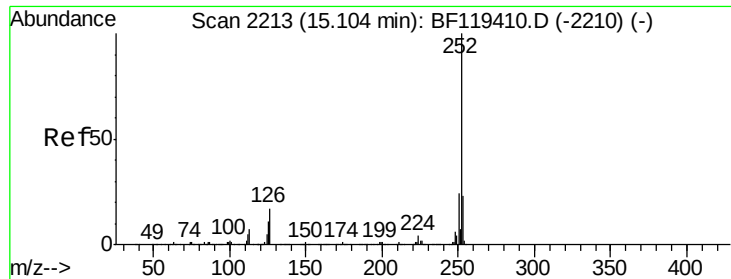
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 36.841 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	9.5	8.8	13.2

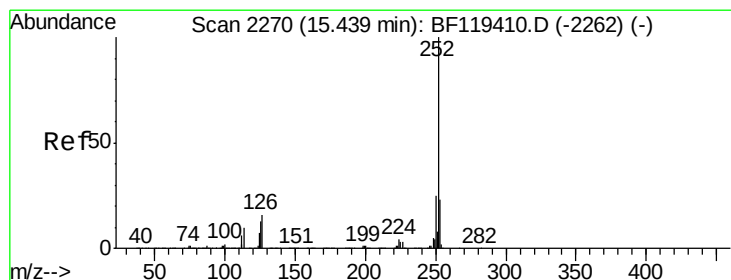
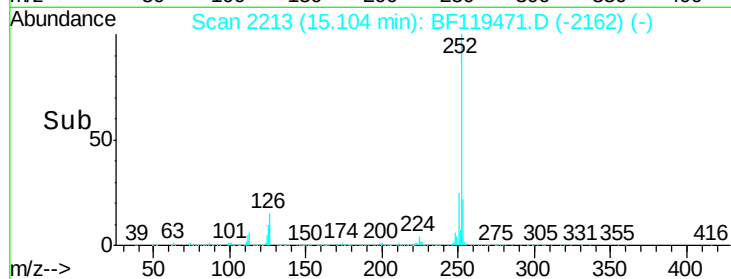
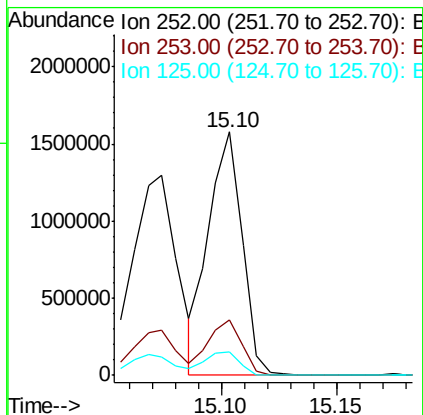
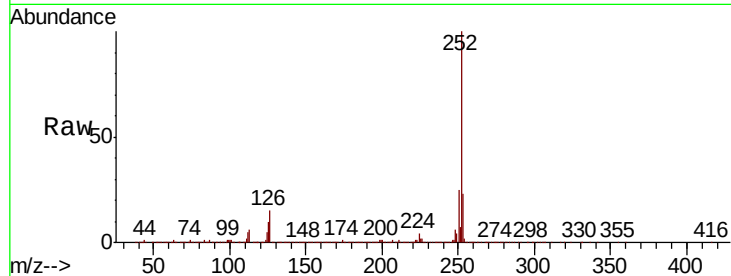




#89
Benzo(k)fluoranthene
Concen: 35.141 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

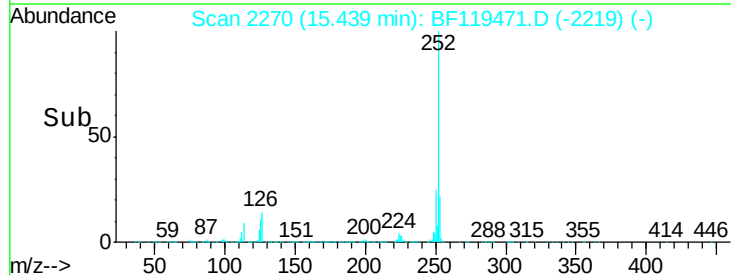
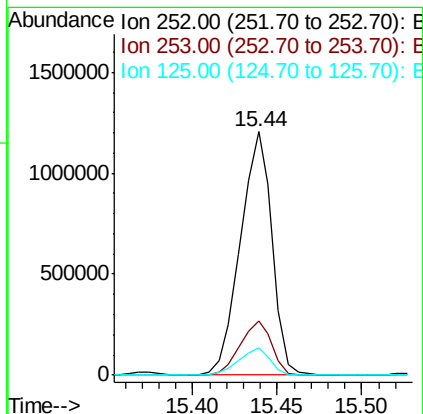
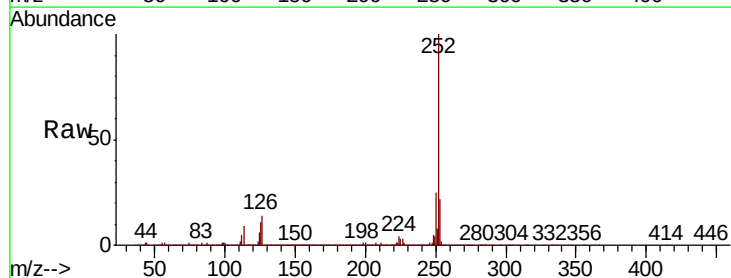
Instrument :
BNA_F
ClientSampleId :

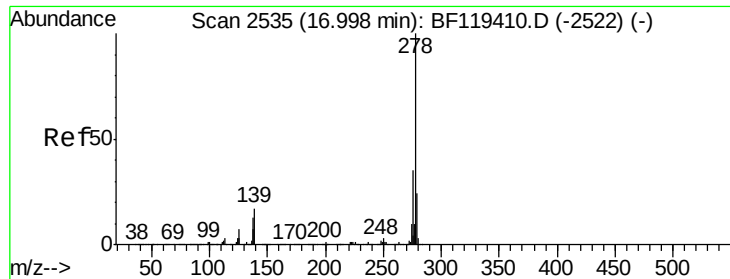
Tot Ion:252 Resp: 1589443
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 9.8 9.0 13.4



#90
Benzo(a)pyrene
Concen: 36.311 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Tgt Ion:252 Resp: 1567489
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 11.4 10.2 15.2

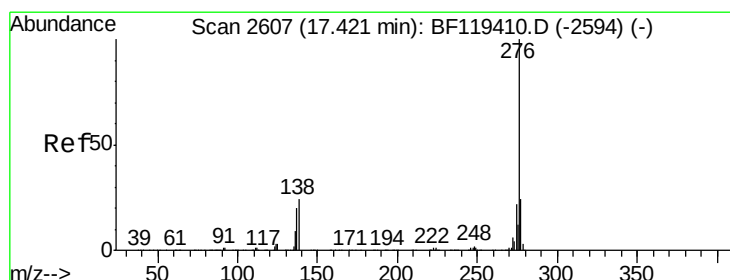
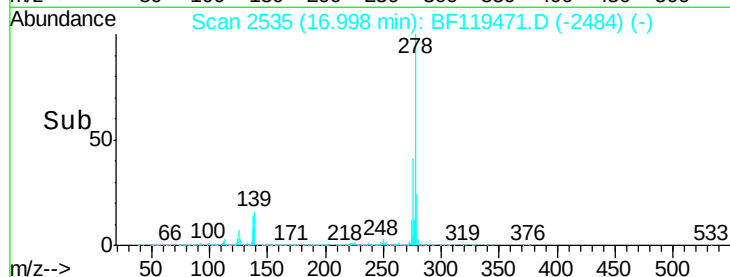
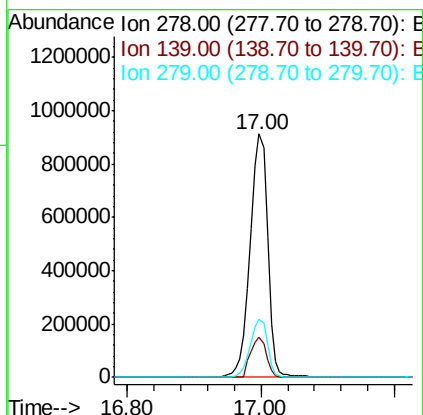
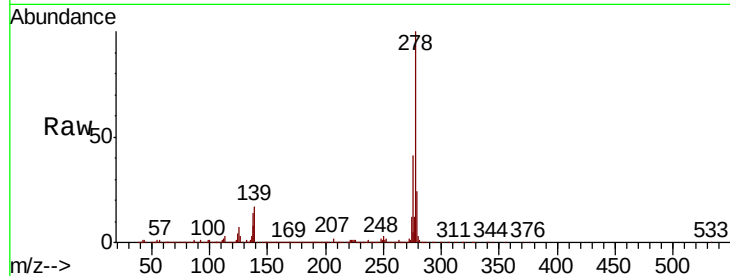




#91
Dibenzo(a,h)anthracene
Concen: 43.214 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.00 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1631675
Ion Ratio Lower Upper
278 100
139 16.5 13.7 20.5
279 24.0 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 45.312 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.01 min
Lab File: BF119471.D
Acq: 20 Mar 2020 14:44

Tgt Ion:276 Resp: 1718777
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 20.9 19.1 28.7

