

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119901.D
 Acq On : 10 Apr 2020 18:12
 Operator : MA/SJ
 Sample : L2201-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 01:22:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	160444	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	570477	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	330882	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	576458	20.00	ng	0.00
76) Chrysene-d12	13.93	240	386285	20.00	ng	0.00
87) Perylene-d12	15.36	264	332437	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	769299	82.86	ng	0.01
7) Phenol-d6	6.39	99	1086775	90.85	ng	0.00
23) Nitrobenzene-d5	7.32	82	666361	60.43	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	338269	83.50	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1329073	57.03	ng	0.00
79) Terphenyl-d14	12.87	244	1342429	58.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	174559	42.214	ng	97
3) Pyridine	3.22	79	477570	42.094	ng	96
4) n-Nitrosodimethylamine	3.18	42	284333	49.051	ng	97
6) Aniline	6.42	93	716356	45.624	ng	100
8) 2-Chlorophenol	6.54	128	594301	57.292	ng	99
9) Benzaldehyde	6.30	77	284672	48.653	ng	98
10) Phenol	6.40	94	743521	54.784	ng	98
11) bis(2-Chloroethyl)ether	6.49	93	554887	52.952	ng	98
12) 1,3-Dichlorobenzene	6.69	146	580844	51.146	ng	100
13) 1,4-Dichlorobenzene	6.77	146	587241	50.762	ng	99
14) 1,2-Dichlorobenzene	6.92	146	553425	51.909	ng	99
15) Benzyl Alcohol	6.90	79	485242	52.224	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	985845	48.346	ng	99
17) 2-Methylphenol	7.02	107	470564	50.832	ng	99
18) Hexachloroethane	7.26	117	220832	51.078	ng	99
19) n-Nitroso-di-n-propylamine	7.17	70	393270	51.122	ng	99
20) 3+4-Methylphenols	7.17	107	573851	50.685	ng	99
22) Acetophenone	7.17	105	760408	56.922	ng	97
24) Nitrobenzene	7.34	77	597875	53.897	ng	96
25) Isophorone	7.59	82	1044262	49.125	ng	99
26) 2-Nitrophenol	7.66	139	290113	52.348	ng	94
27) 2,4-Dimethylphenol	7.70	122	454215	54.342	ng	98
28) bis(2-Chloroethoxy)methane	7.79	93	659532	52.726	ng	99
29) 2,4-Dichlorophenol	7.90	162	445626	52.013	ng	97
30) 1,2,4-Trichlorobenzene	7.98	180	482089	49.660	ng	99
31) Naphthalene	8.06	128	1524718	50.799	ng	99
32) Benzoic acid	7.84	122	376262	51.256	ng	94
33) 4-Chloroaniline	8.11	127	454756	34.803	ng	99
34) Hexachlorobutadiene	8.18	225	288495	49.645	ng	99
35) Caprolactam	8.49	113	76485	29.184	ng	92
36) 4-Chloro-3-methylphenol	8.60	107	494237	53.282	ng	93
37) 2-Methylnaphthalene	8.76	142	1030581	50.646	ng	98
38) 1-Methylnaphthalene	8.85	142	1068220	55.695	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	497135	47.570	ng	98

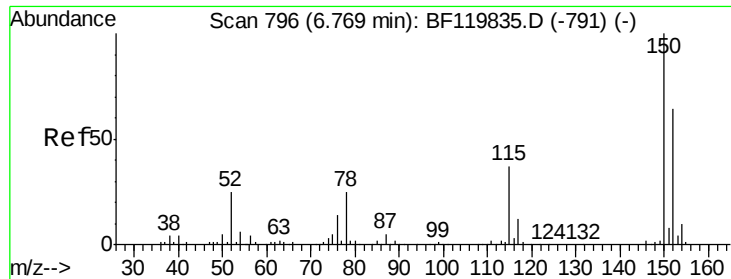
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119901.D
 Acq On : 10 Apr 2020 18:12
 Operator : MA/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	597444	100.535	ng	97
43) 2,4,6-Trichlorophenol	9.03	196	373485	51.753	ng	99
44) 2,4,5-Trichlorophenol	9.07	196	385545	47.434	ng	97
46) 1,1'-Biphenyl	9.22	154	1372668	49.150	ng	99
47) 2-Chloronaphthalene	9.25	162	1062492	49.385	ng	98
48) 2-Nitroaniline	9.34	65	392657	50.363	ng	95
49) Acenaphthylene	9.66	152	1677061	51.256	ng	99
50) Dimethylphthalate	9.53	163	1430829	55.907	ng	100
51) 2,6-Dinitrotoluene	9.59	165	286844	51.181	ng	93
52) Acenaphthene	9.83	154	1037316	47.527	ng	99
53) 3-Nitroaniline	9.75	138	231733	36.203	ng	99
54) 2,4-Dinitrophenol	9.86	184	357028	106.404	ng	93
55) Dibenzofuran	10.00	168	1513167	50.522	ng	99
56) 4-Nitrophenol	9.93	139	480783	100.950	ng	92
57) 2,4-Dinitrotoluene	9.99	165	374550	50.725	ng	95
58) Fluorene	10.35	166	1180058	49.265	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	323437	52.029	ng	99
60) Diethylphthalate	10.23	149	1301160	49.053	ng	100
61) 4-Chlorophenyl-phenylether	10.34	204	549652	44.771	ng	95
62) 4-Nitroaniline	10.37	138	307283	50.374	ng	99
63) Azobenzene	10.50	77	1218054	51.239	ng	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	224553	59.128	ng	82
66) n-Nitrosodiphenylamine	10.46	169	1071851	55.909	ng	98
67) 4-Bromophenyl-phenylether	10.83	248	367892	51.318	ng	95
68) Hexachlorobenzene	10.90	284	391040	53.770	ng	# 93
69) Atrazine	10.99	200	300469	56.330	ng	97
70) Pentachlorophenol	11.09	266	409846	97.792	ng	99
71) Phenanthrene	11.31	178	1564843	51.006	ng	98
72) Anthracene	11.36	178	1615510	51.546	ng	99
73) Carbazole	11.52	167	1505480	50.795	ng	99
74) Di-n-butylphthalate	11.85	149	1864600	47.856	ng	100
75) Fluoranthene	12.50	202	1712552	51.734	ng	98
77) Benzidine	12.62	184	1030443	78.916	ng	96
78) Pyrene	12.73	202	1674948	51.435	ng	99
80) Butylbenzylphthalate	13.35	149	751447	47.556	ng	99
81) Benzo(a)anthracene	13.92	228	1301174	51.203	ng	100
82) 3,3'-Dichlorobenzidine	13.88	252	342642	36.136	ng	97
83) Chrysene	13.96	228	1313752	50.879	ng	99
84) Bis(2-ethylhexyl)phthalate	13.91	149	955433	44.650	ng	96
85) Di-n-octyl phthalate	14.53	149	1542315	42.331	ng	100
86) Indeno(1,2,3-cd)pyrene	16.77	276	1147805	50.428	ng	100
88) Benzo(b)fluoranthene	14.95	252	1329491	55.593	ng	99
89) Benzo(k)fluoranthene	14.98	252	1225150	59.375	ng	100
90) Benzo(a)pyrene	15.30	252	1050430	52.241	ng	99
91) Dibenzo(a,h)anthracene	16.79	278	942267	52.904	ng	98
92) Benzo(g,h,i)perylene	17.20	276	1040406	59.177	ng	96

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

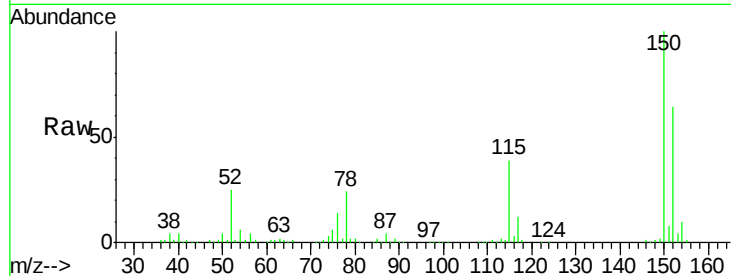


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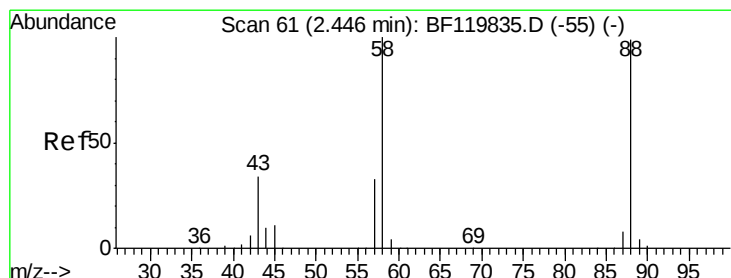
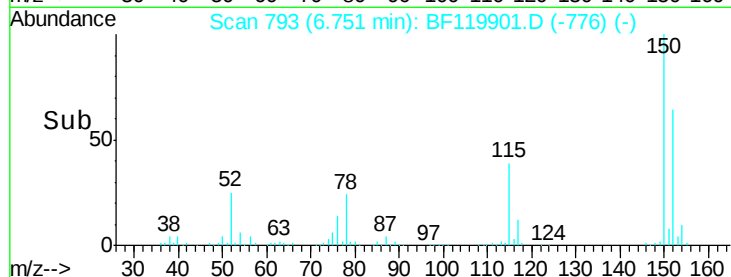
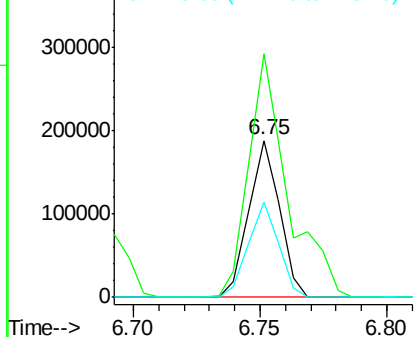
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160444
Ion Ratio Lower Upper
152 100
150 155.4 124.8 187.2
115 60.4 46.5 69.7



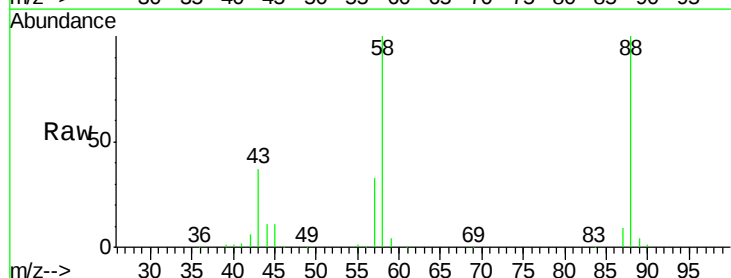
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



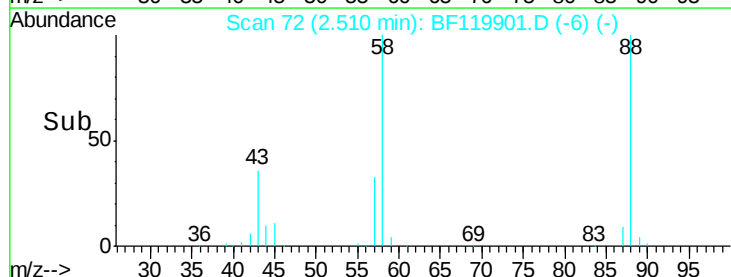
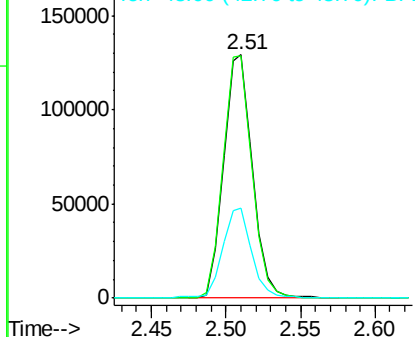
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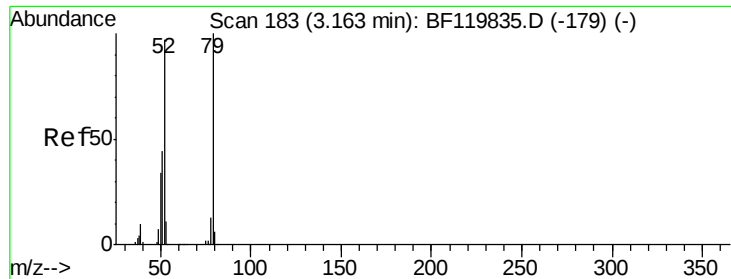
1,4-Dioxane
Concen: 42.214 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.09 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Tgt Ion: 88 Resp: 174559
Ion Ratio Lower Upper
88 100
58 100.2 82.6 123.8
43 37.6 28.6 42.8



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

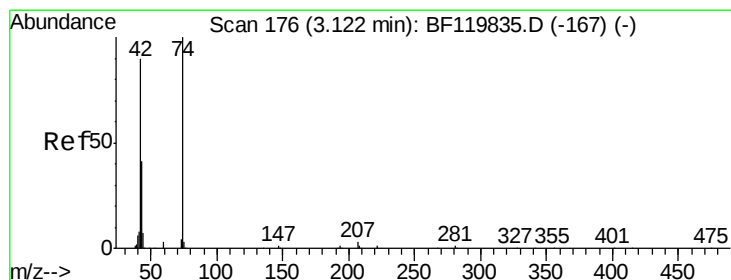
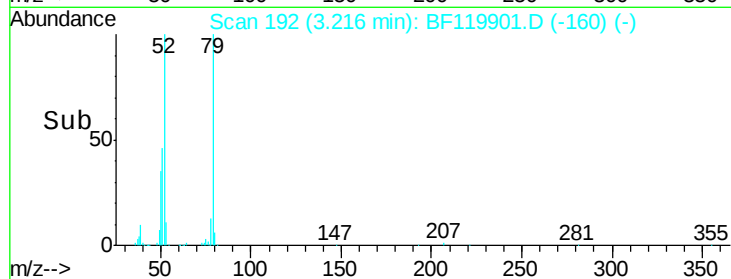
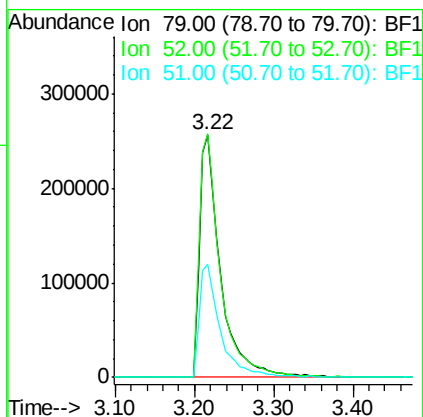
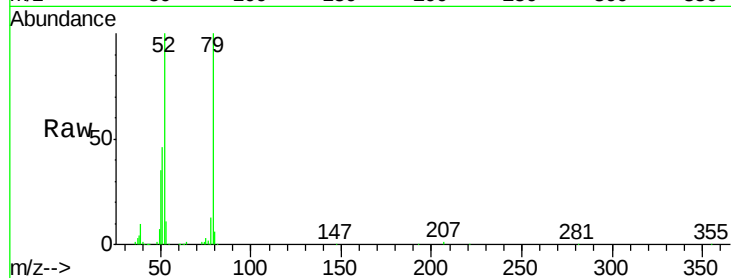




#3
 Pvridine
 Concen: 42.094 ng
 RT: 3.22 min Scan# 192
 Delta R.T. 0.09 min
 Lab File: BF119901.D
 Acq: 10 Apr 2020 18:12

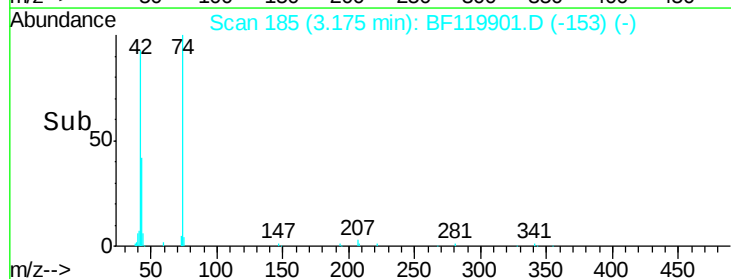
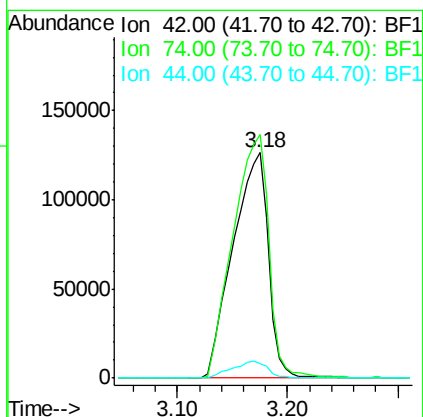
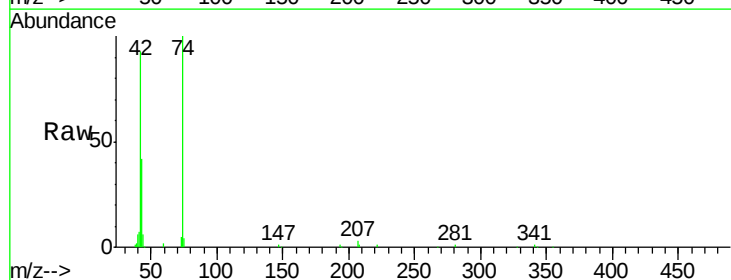
Instrument :
 BNA_F
 ClientSampleId :

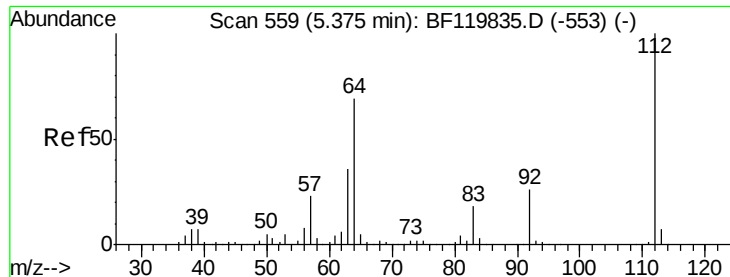
Tot Ion: 79 Resp: 477570
 Ion Ratio Lower Upper
 79 100
 52 100.2 77.4 116.0
 51 46.4 35.3 52.9



#4
 n-Nitrosodimethylamine
 Concen: 49.051 ng
 RT: 3.18 min Scan# 185
 Delta R.T. 0.09 min
 Lab File: BF119901.D
 Acq: 10 Apr 2020 18:12

Tgt Ion: 42 Resp: 284333
 Ion Ratio Lower Upper
 42 100
 74 108.1 89.0 133.4
 44 6.5 6.2 9.4





#5

2-Fluorophenol

Concen: 82.863 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

Instrument :

BNA_F

ClientSampled :

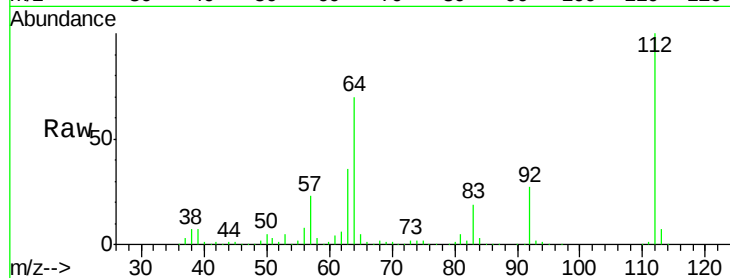
Tot Ion: 112 Resp: 769299

Ion Ratio Lower Upper

112 100

64 69.9 55.5 83.3

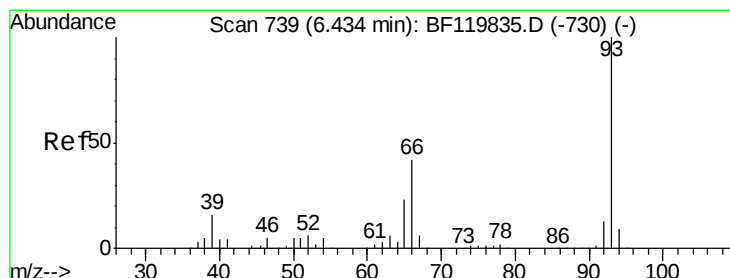
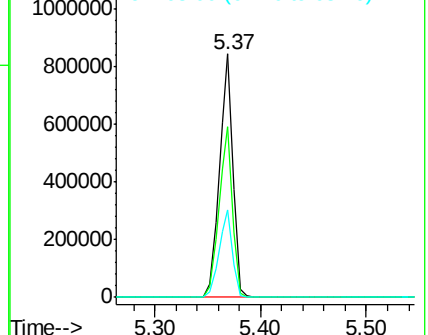
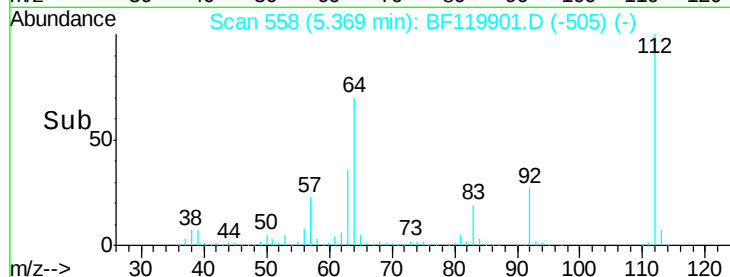
63 35.8 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 45.624 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

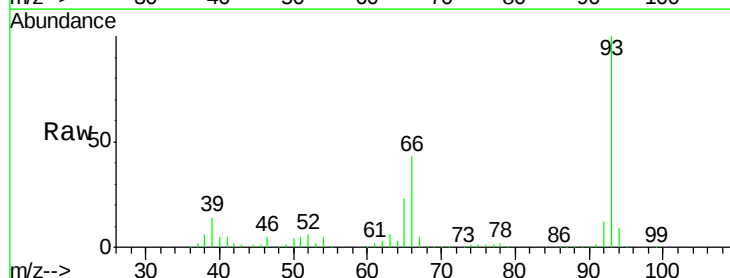
Tgt Ion: 93 Resp: 716356

Ion Ratio Lower Upper

93 100

66 42.9 34.2 51.2

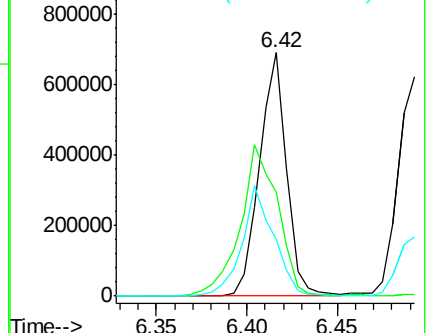
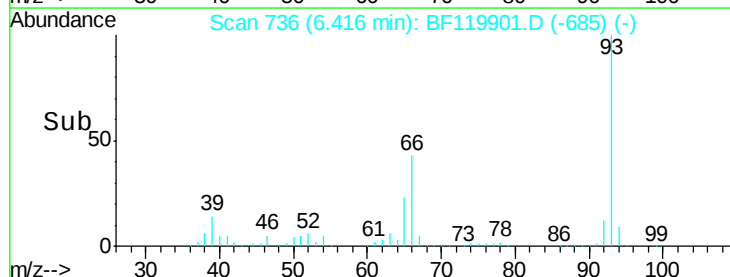
65 23.0 18.3 27.5

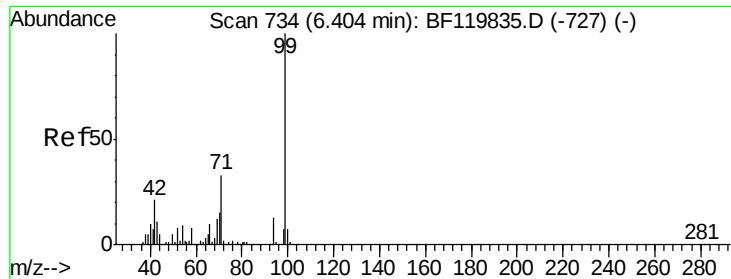


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 90.846 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

Instrument :

BNA_F

ClientSampled :

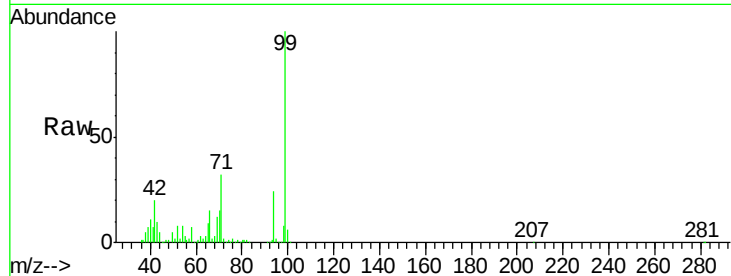
Tot Ion: 99 Resp: 1086775

Ion Ratio Lower Upper

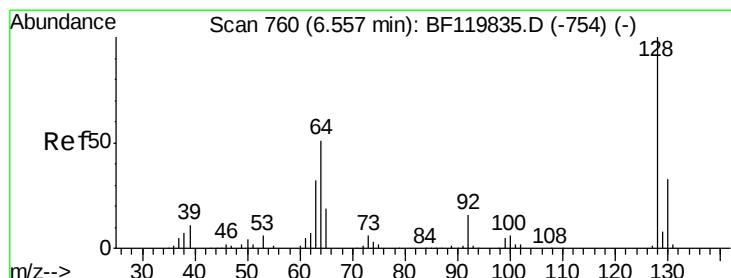
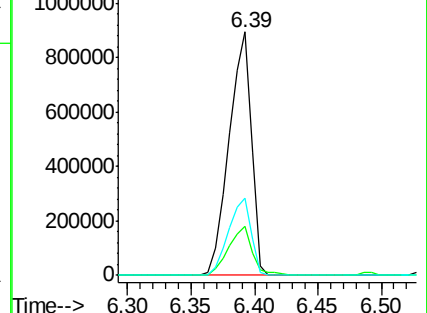
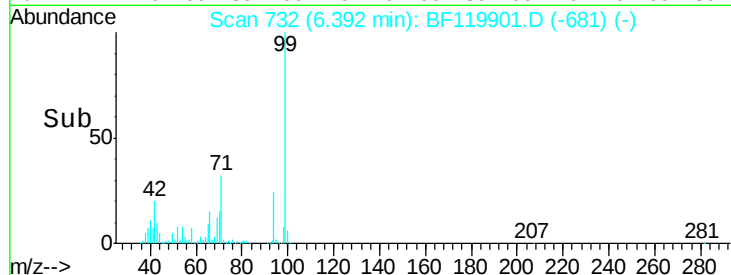
99 100

42 19.9 16.9 25.3

71 31.9 26.3 39.5



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: 57.292 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

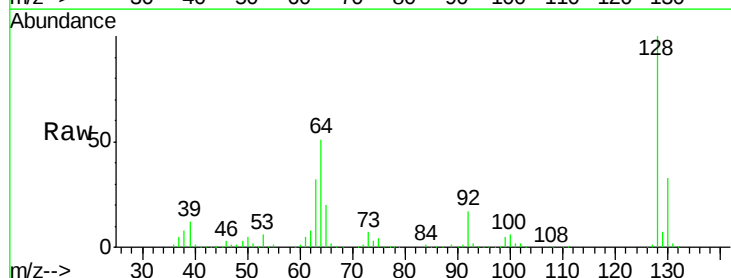
Tgt Ion: 128 Resp: 594301

Ion Ratio Lower Upper

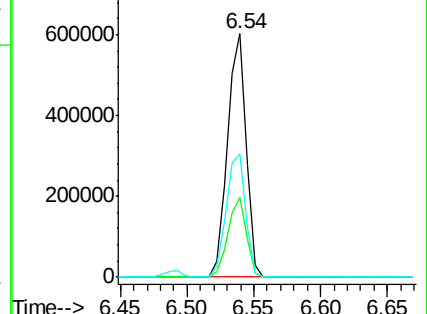
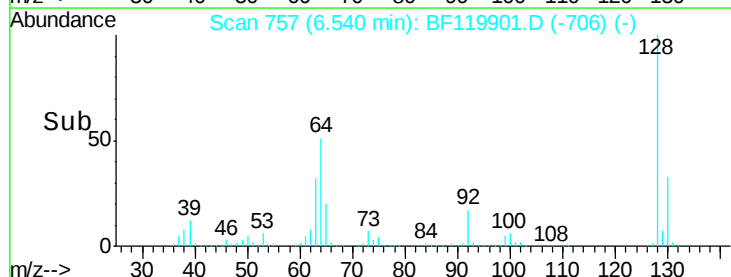
128 100

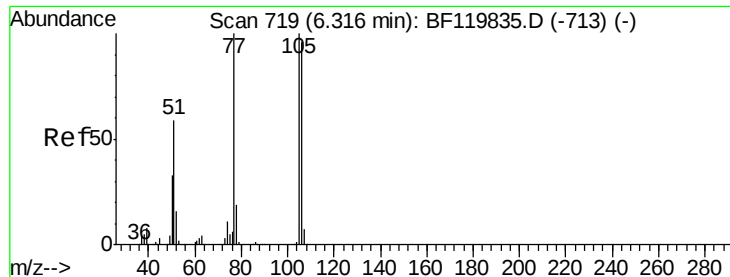
130 32.8 12.6 52.6

64 50.7 32.0 72.0



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: 48.653 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

Instrument :

BNA_F

ClientSampleId :

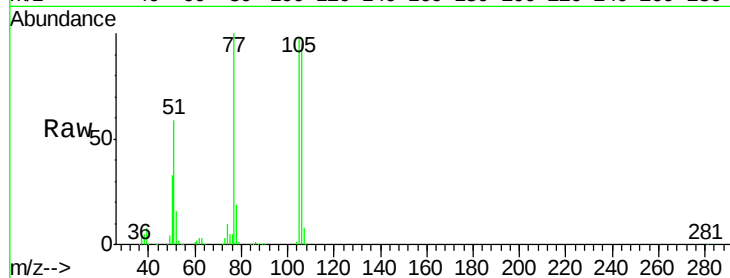
Tot Ion: 77 Resp: 284672

Ion Ratio Lower Upper

77 100

105 97.8 79.9 119.9

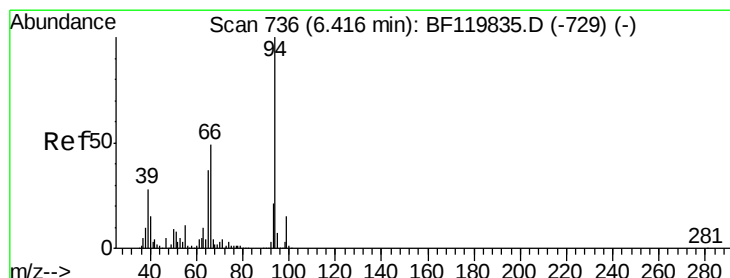
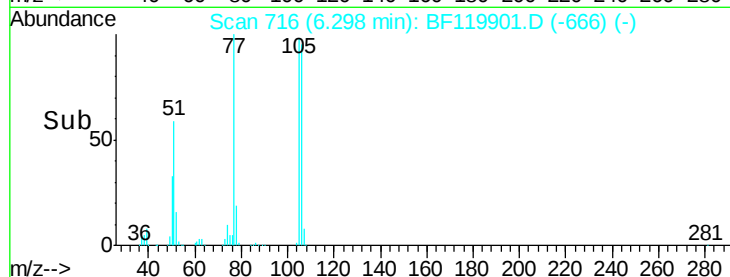
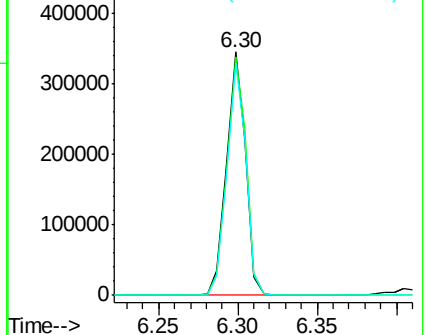
106 95.4 76.4 116.4



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: 54.784 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

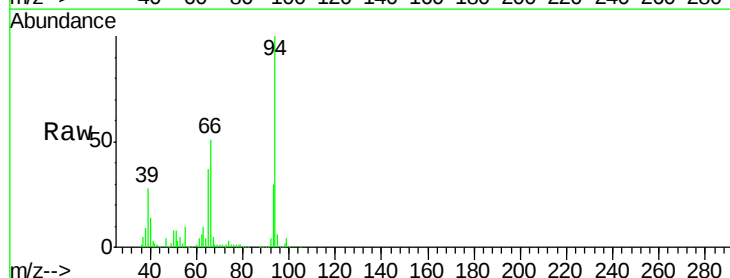
Tgt Ion: 94 Resp: 743521

Ion Ratio Lower Upper

94 100

65 37.3 16.6 56.6

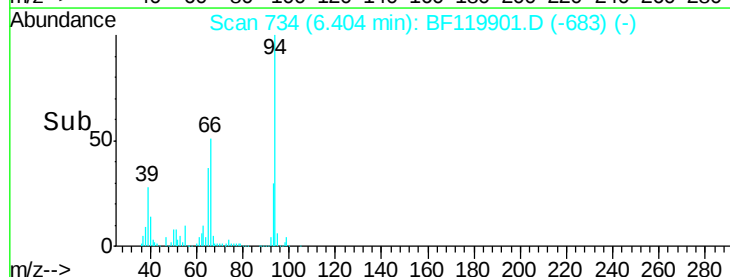
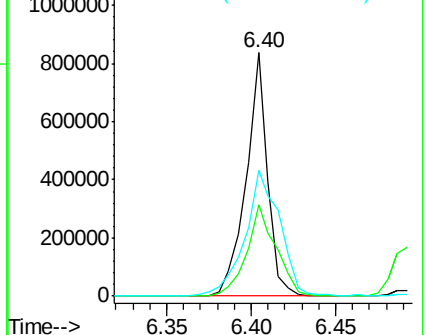
66 51.4 29.3 69.3

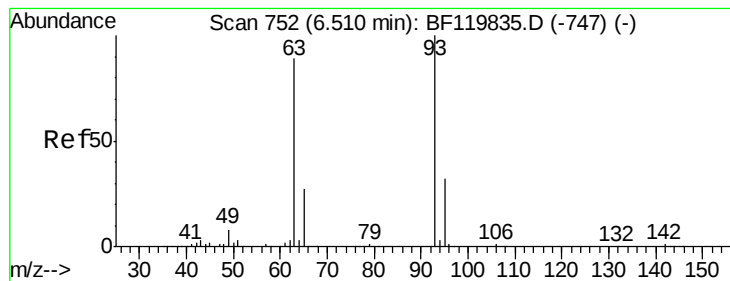


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

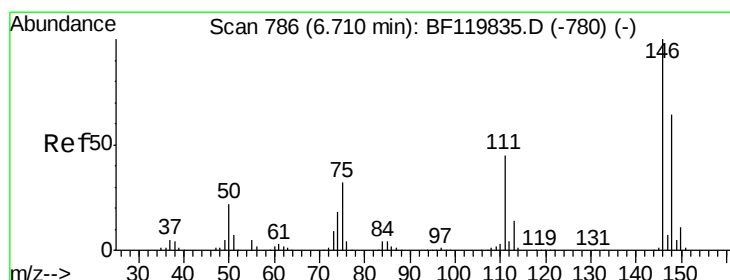
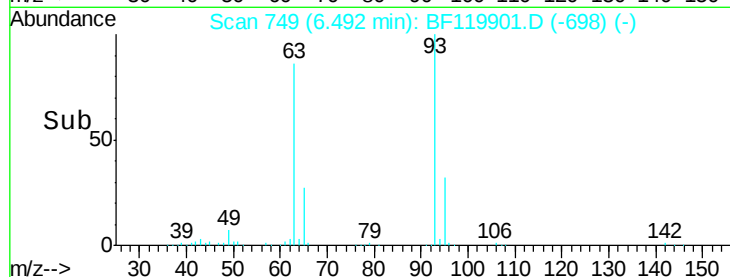
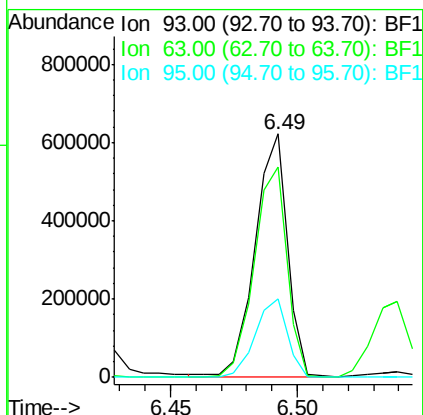
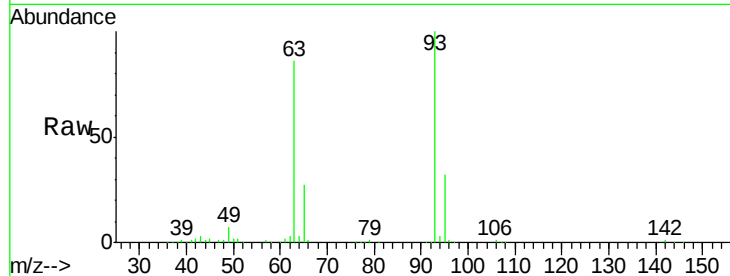




#11
 bis(2-Chloroethyl)ether
 Concen: 52.952 ng
 RT: 6.49 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF119901.D
 Acq: 10 Apr 2020 18:12

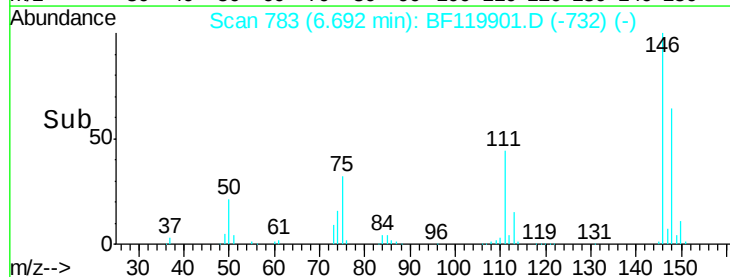
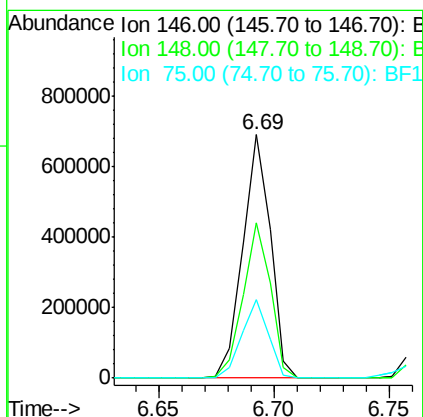
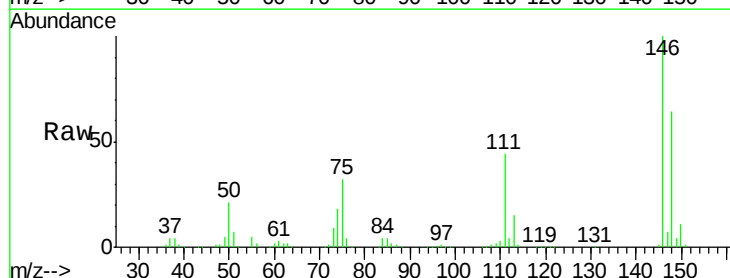
Instrument :
 BNA_F
 ClientSampleId :

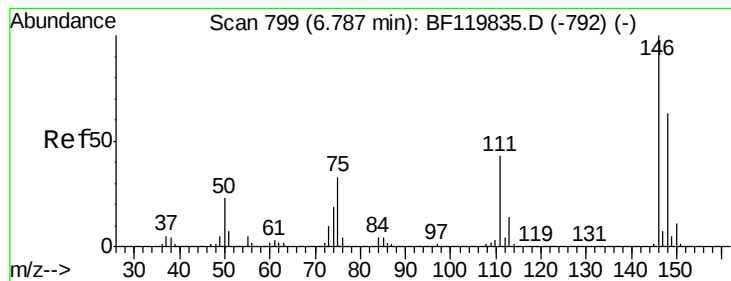
Tot Ion: 93 Resp: 554887
 Ion Ratio Lower Upper
 93 100
 63 86.1 69.1 109.1
 95 32.1 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 51.146 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF119901.D
 Acq: 10 Apr 2020 18:12

Tgt Ion: 146 Resp: 580844
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.3 76.9
 75 32.1 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 50.762 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

Instrument :

BNA_F

ClientSampleId :

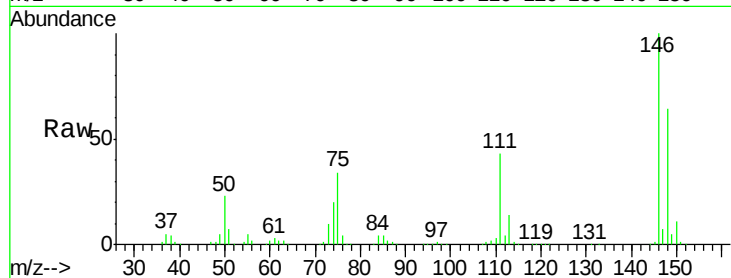
Tot Ion:146 Resp: 587241

Ion Ratio Lower Upper

146 100

148 63.8 50.5 75.7

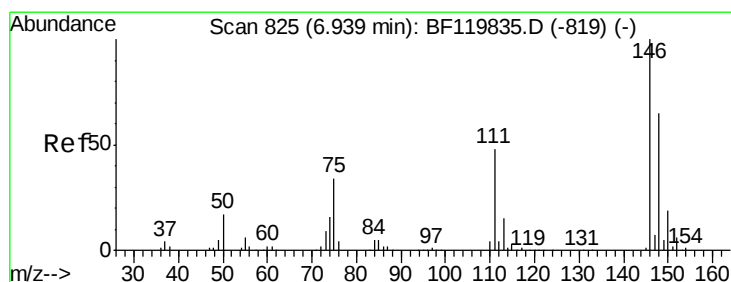
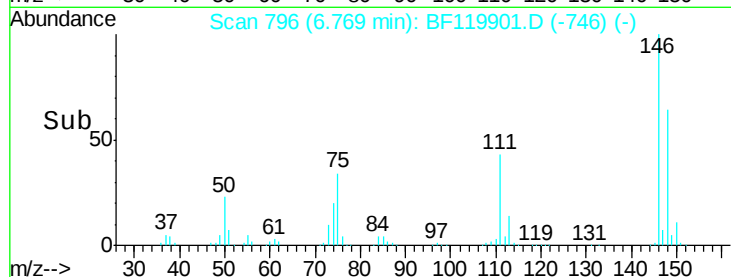
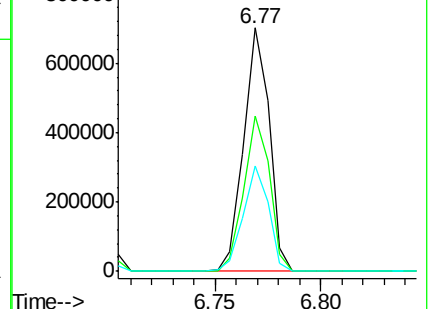
111 43.0 34.7 52.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 51.909 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

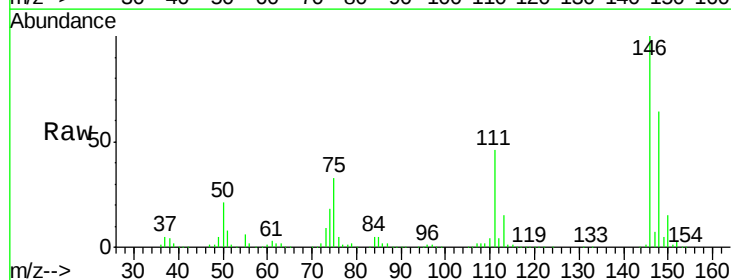
Tgt Ion:146 Resp: 553425

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

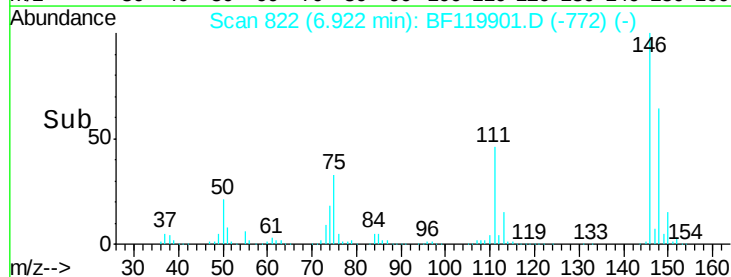
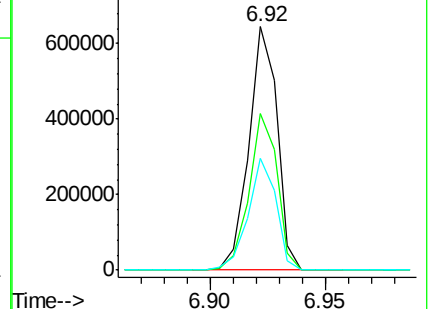
111 45.8 38.0 57.0

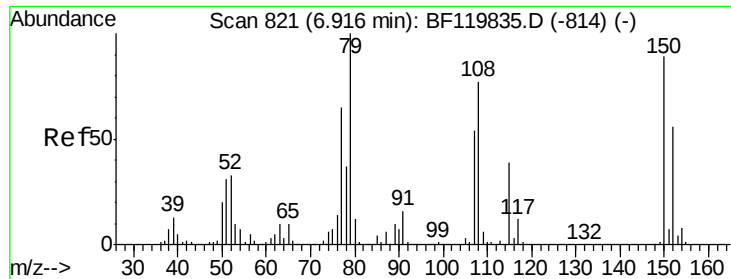


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

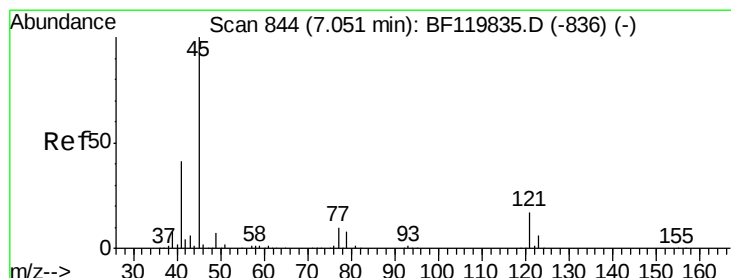
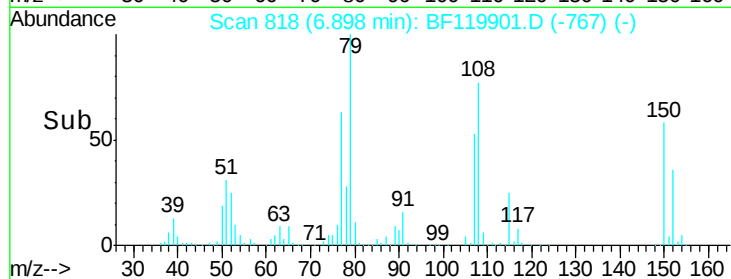
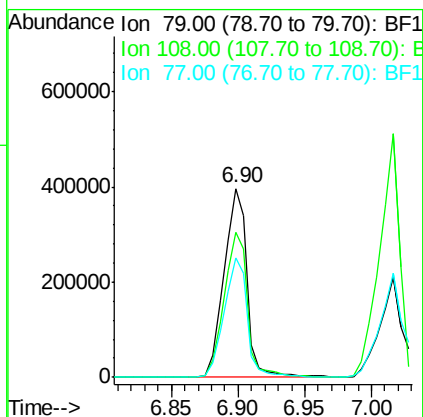
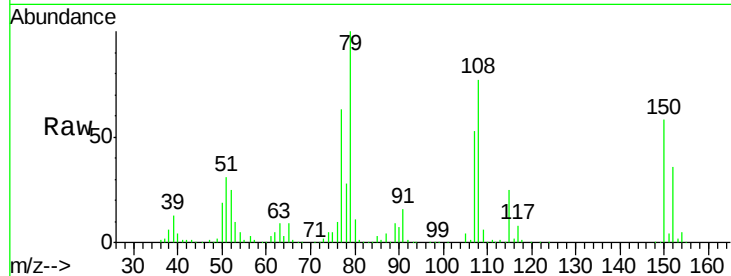




#15
Benzyl Alcohol
Concen: 52.224 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

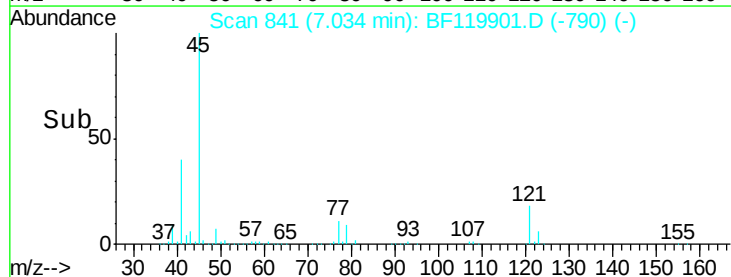
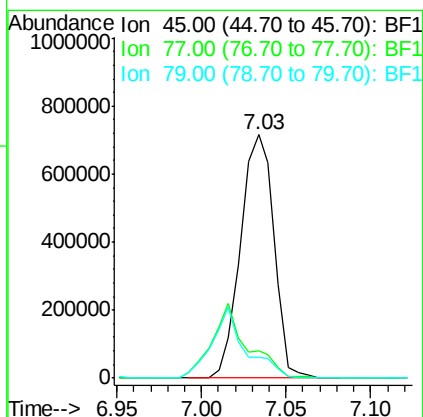
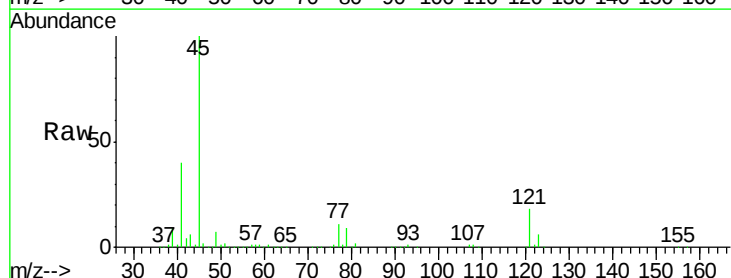
Instrument :
BNA_F
ClientSampleId :

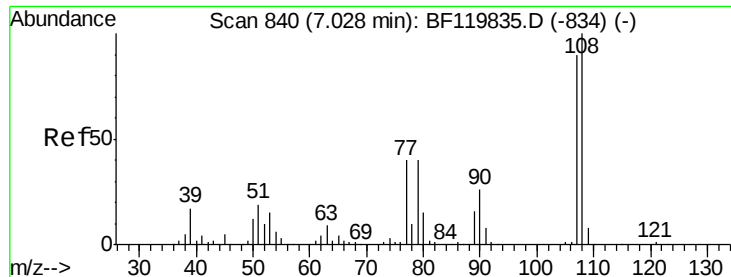
Tot Ion: 79 Resp: 485242
Ion Ratio Lower Upper
79 100
108 76.9 62.0 93.0
77 62.8 51.8 77.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.346 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Tgt Ion: 45 Resp: 985845
Ion Ratio Lower Upper
45 100
77 11.4 0.0 30.7
79 8.6 0.0 28.6

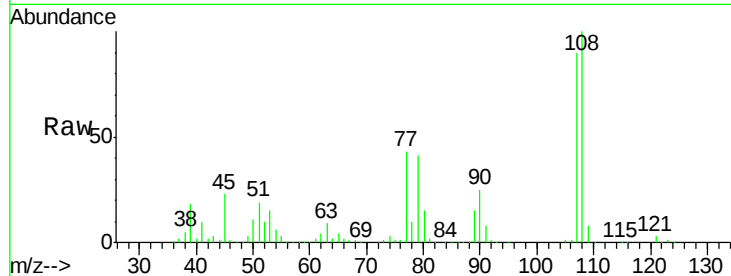




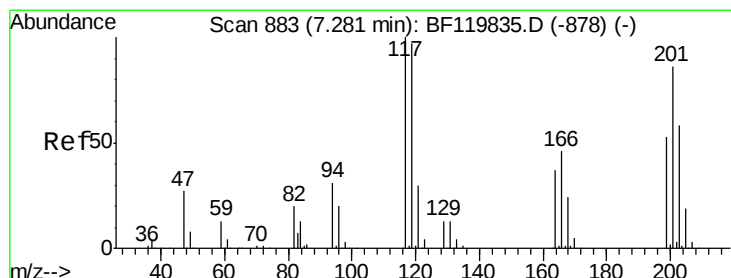
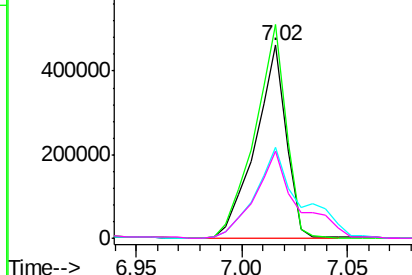
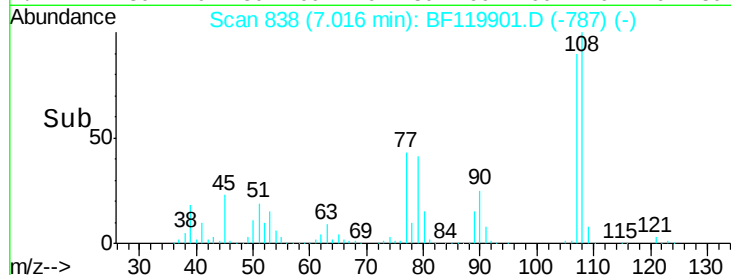
#17
2-Methylphenol
Concen: 50.832 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.8	88.8	133.2
77	47.5	36.0	54.0
79	45.5	35.7	53.5

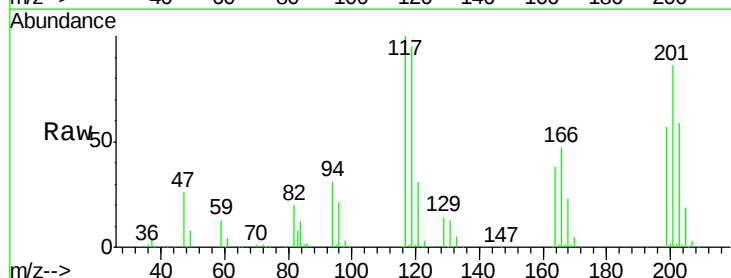


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

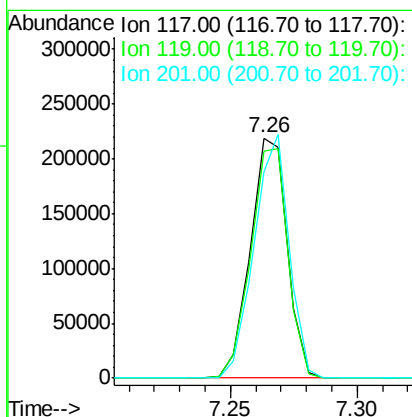
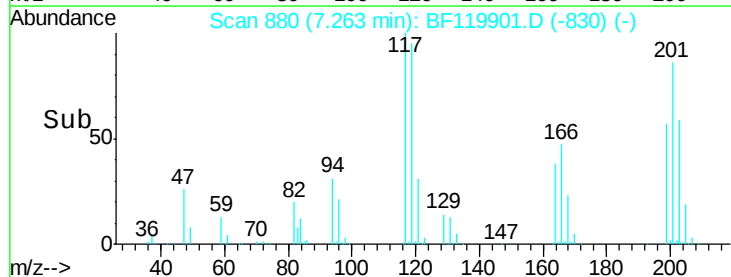


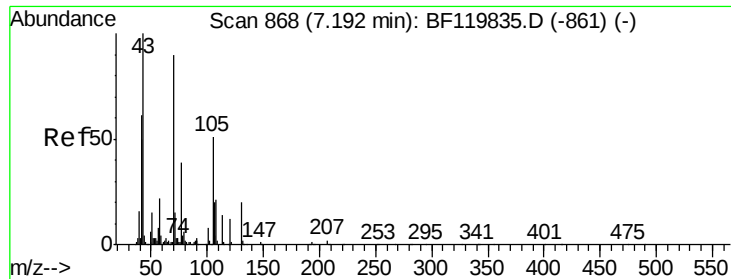
#18
Hexachloroethane
Concen: 51.078 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.4	116.0
201	86.3	68.4	102.6



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

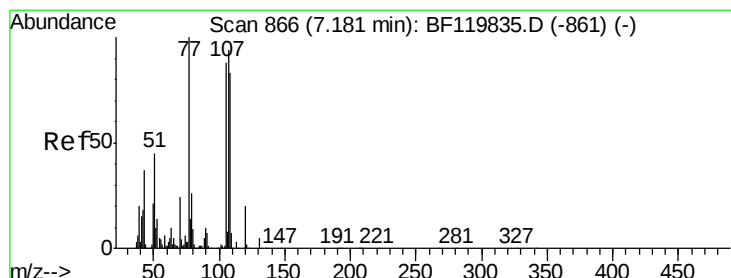
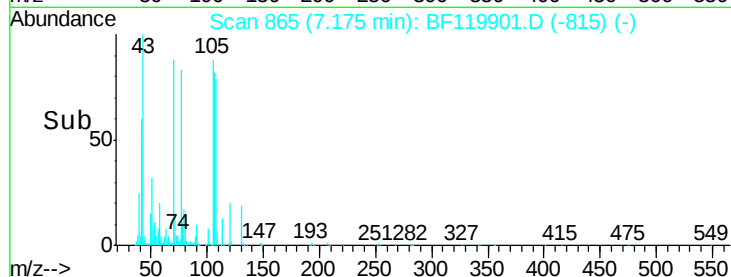
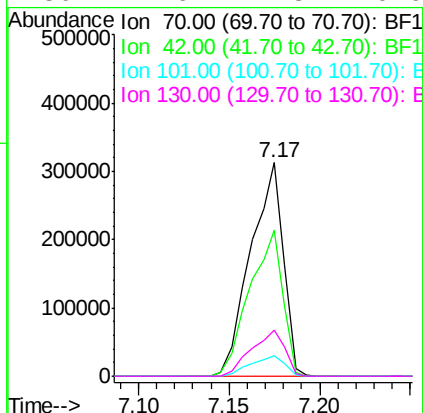
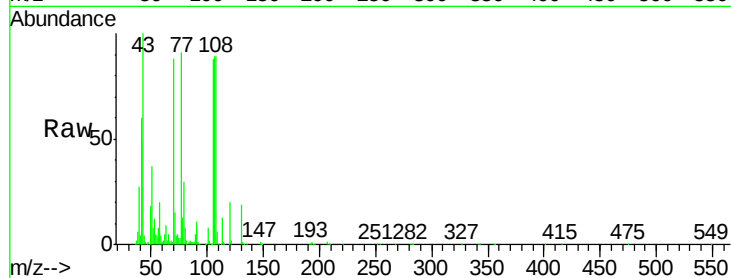




#19
n-Nitroso-di-n-propylamine
Concen: 51.122 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

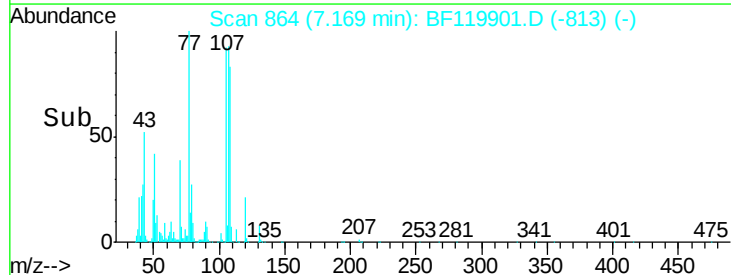
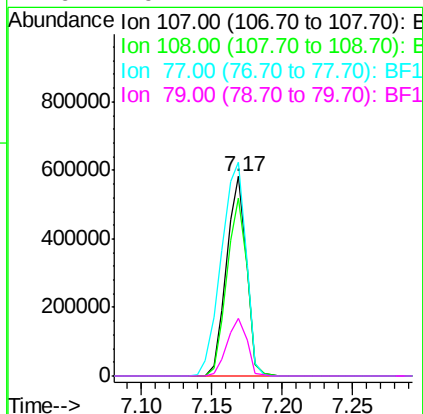
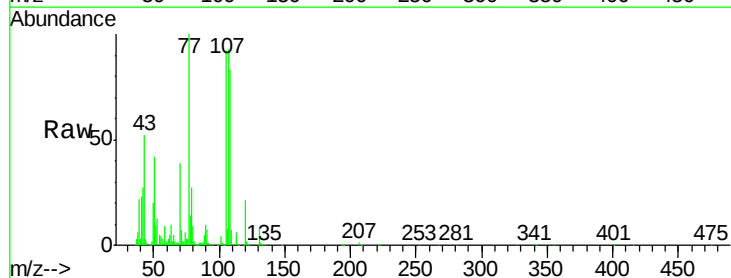
Instrument :
BNA_F
ClientSampleId :

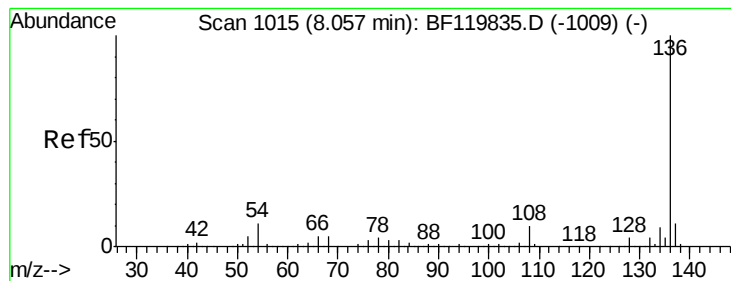
Tot Ion:	70	Resp:	393270
Ion	Ratio	Lower	Upper
70	100		
42	68.2	54.2	81.4
101	9.5	7.4	11.2
130	21.6	17.8	26.6



#20
3+4-Methylphenols
Concen: 50.685 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Tgt Ion:	107	Resp:	573851
Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.2	108.2
77	107.3	86.6	126.6
79	29.2	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 570477

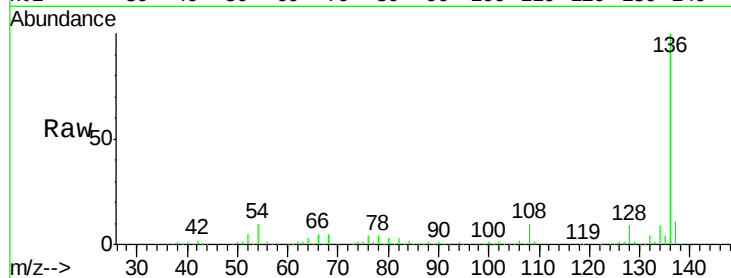
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.3 8.5 12.7

68 5.5 3.9 5.9

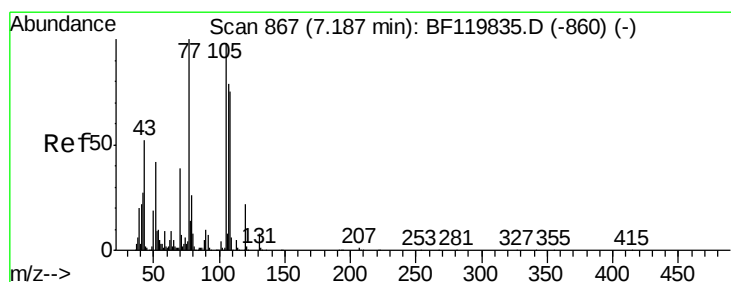
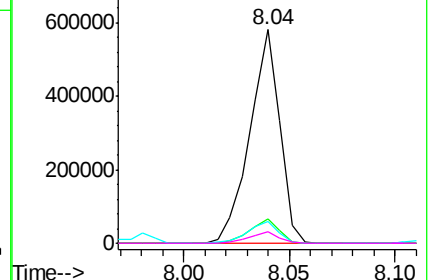
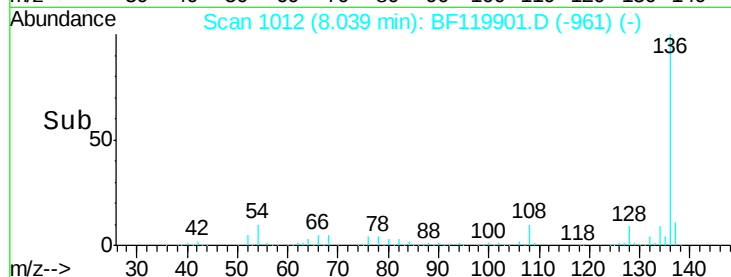


Abundance Ion 136.00 (135.70 to 136.70): E

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: 56.922 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

Tgt Ion:105 Resp: 760408

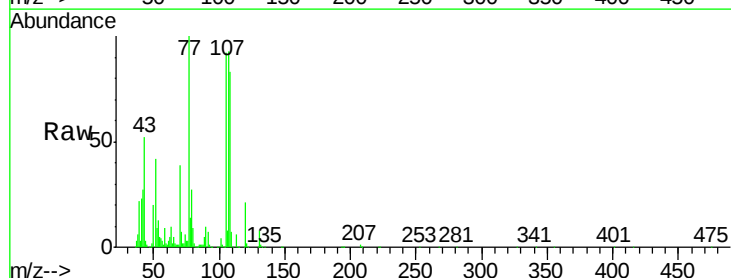
Ion Ratio Lower Upper

105 100

71 7.0 5.6 8.4

51 45.3 33.9 50.9

120 22.4 17.8 26.8

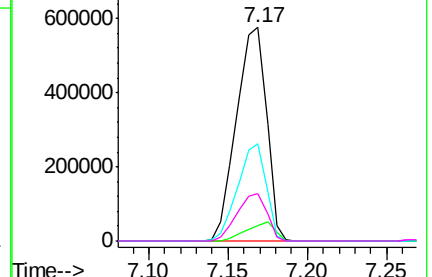
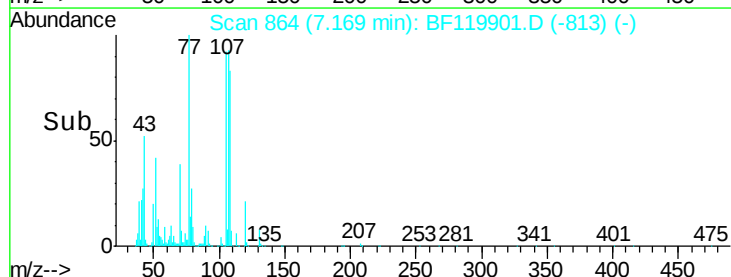


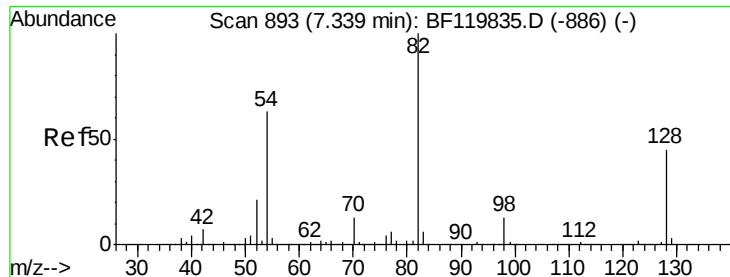
Abundance Ion 105.00 (104.70 to 105.70): E

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

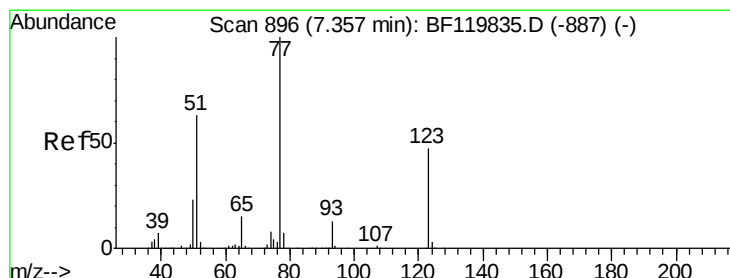
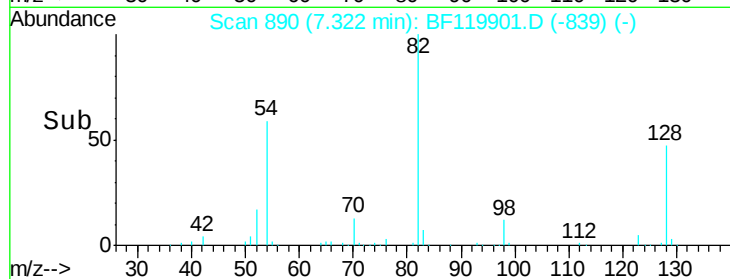
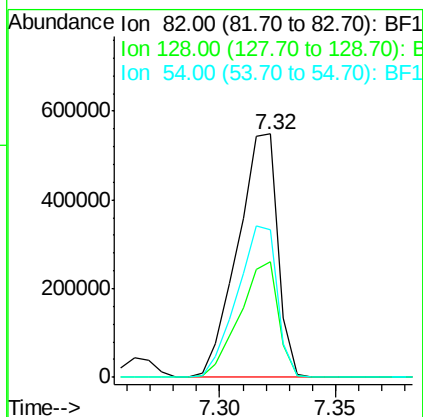
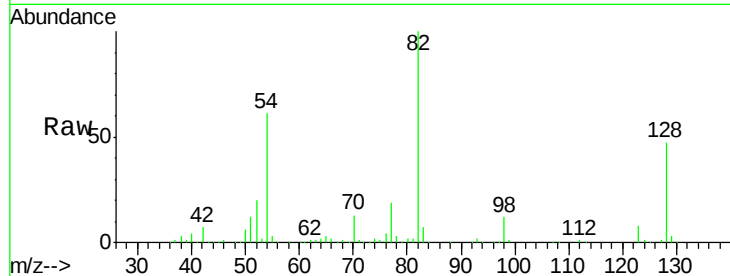




#23
 Nitrobenzene-d5
 Concen: 60.429 ng
 RT: 7.32 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF119901.D
 Acq: 10 Apr 2020 18:12

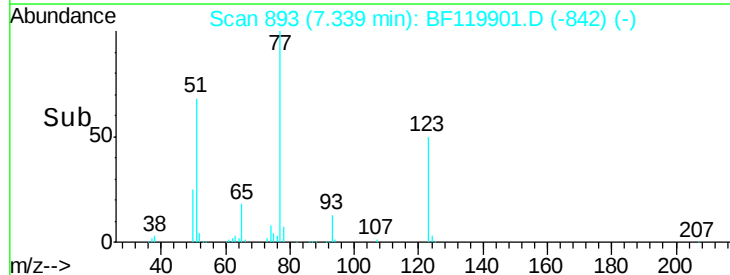
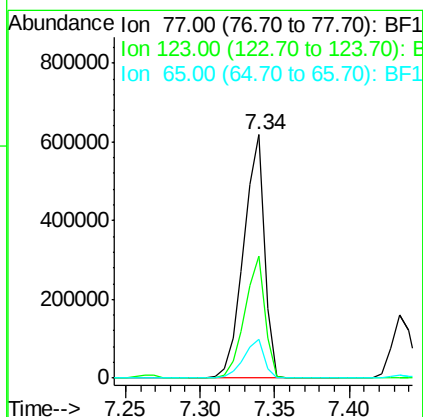
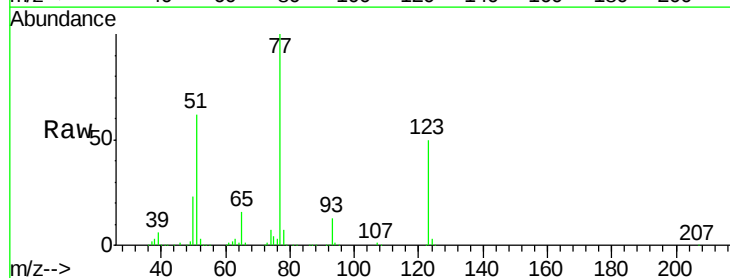
Instrument :
 BNA_F
 ClientSampleId :

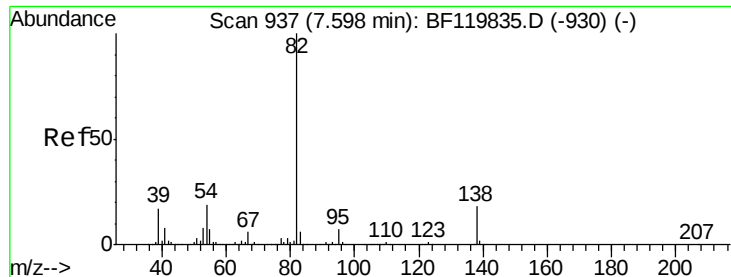
Tot Ion: 82 Resp: 666361
 Ion Ratio Lower Upper
 82 100
 128 47.2 36.2 54.4
 54 60.5 50.4 75.6



#24
 Nitrobenzene
 Concen: 53.897 ng
 RT: 7.34 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF119901.D
 Acq: 10 Apr 2020 18:12

Tgt Ion: 77 Resp: 597875
 Ion Ratio Lower Upper
 77 100
 123 50.3 37.8 56.8
 65 15.8 12.2 18.2

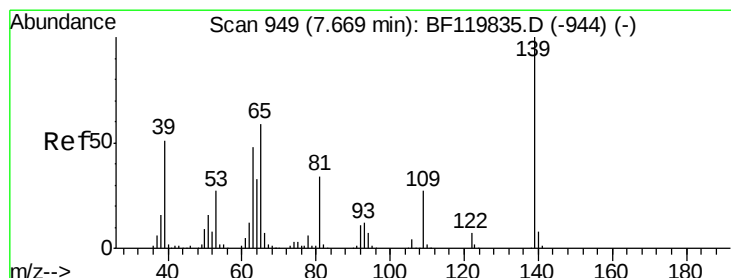
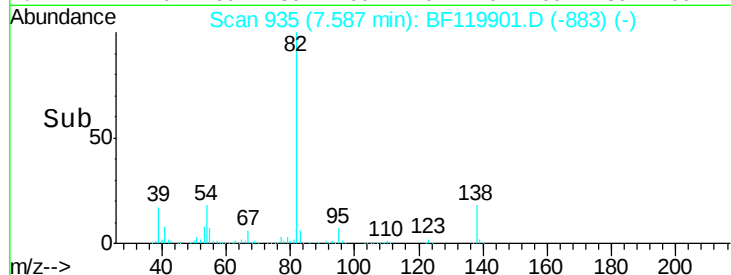
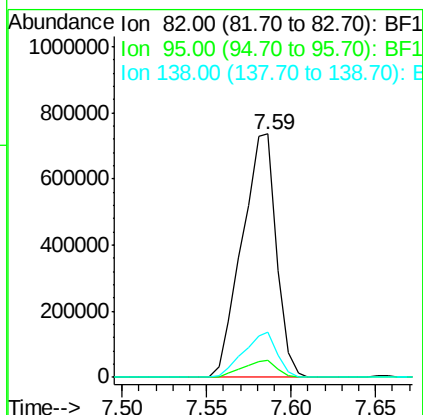
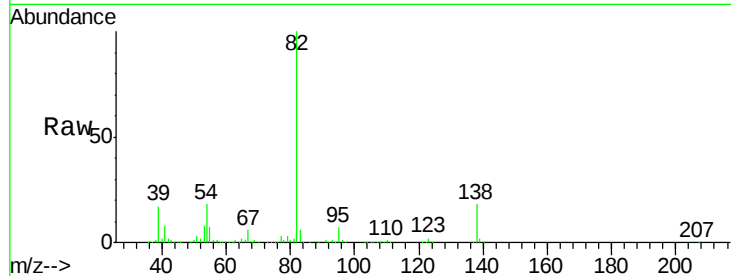




#25
Isophorone
Concen: 49.125 ng
RT: 7.59 min Scan# 935
Delta R.T. 0.01 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

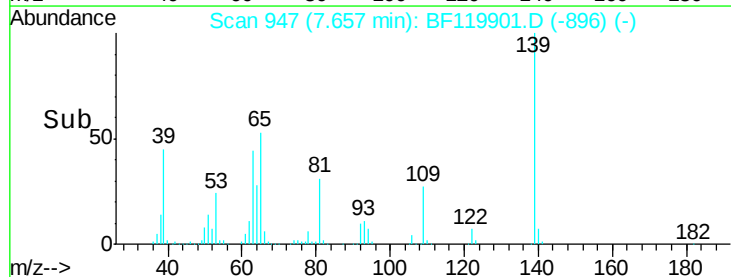
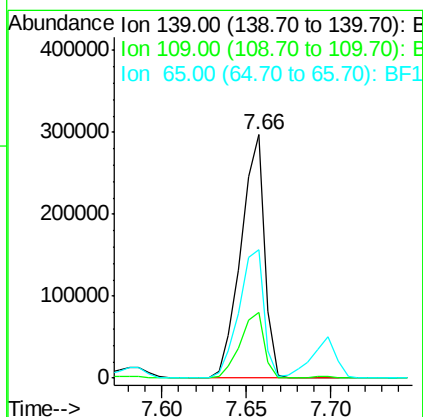
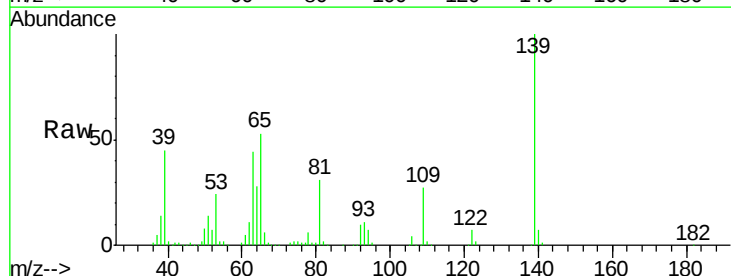
Instrument :
BNA_F
ClientSampleId :

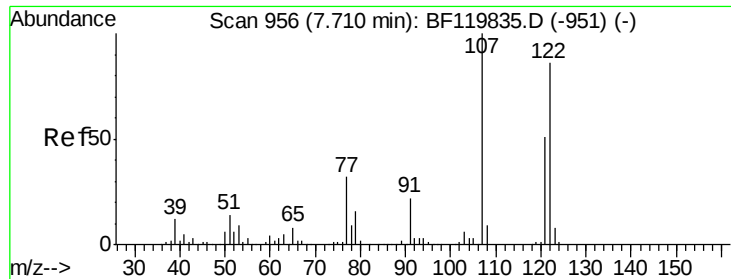
Tot Ion: 82 Resp: 1044262
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 18.4 14.5 21.7



#26
2-Nitrophenol
Concen: 52.348 ng
RT: 7.66 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Tgt Ion: 139 Resp: 290113
Ion Ratio Lower Upper
139 100
109 26.8 21.8 32.6
65 52.9 47.0 70.4

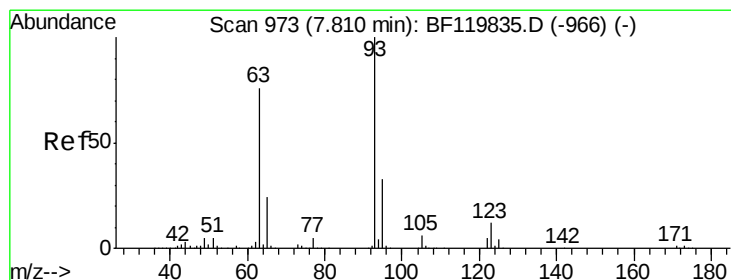
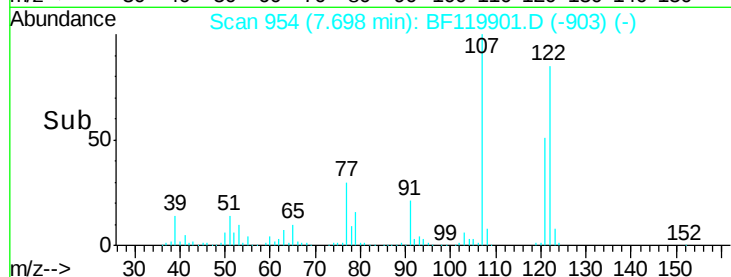
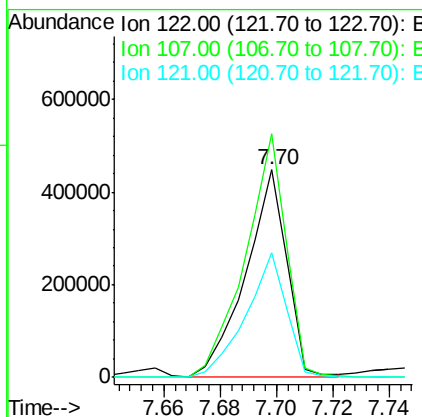
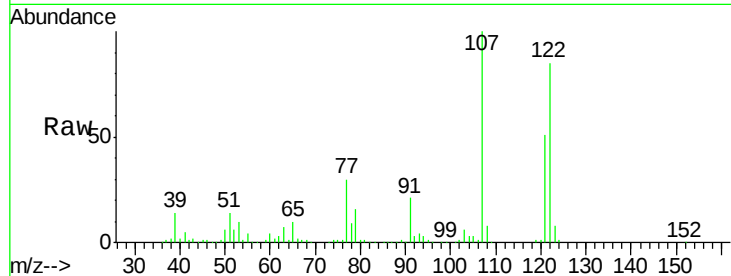




#27
 2,4-Dimethylphenol
 Concen: 54.342 ng
 RT: 7.70 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF119901.D
 Acq: 10 Apr 2020 18:12

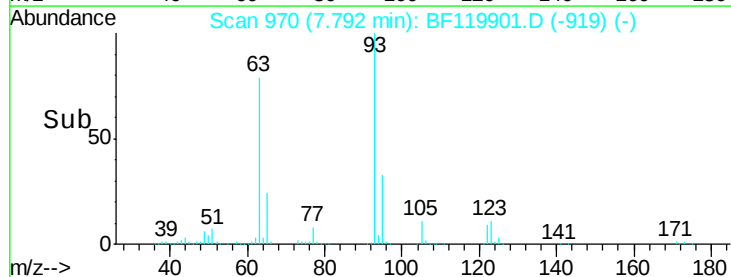
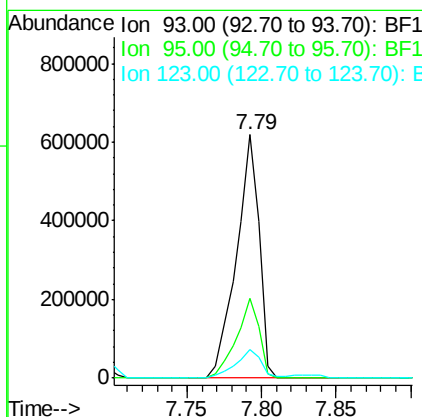
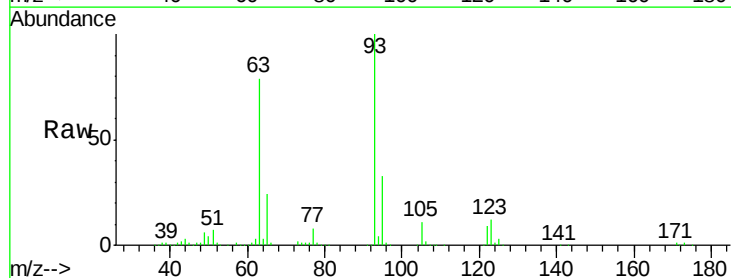
Instrument :
 BNA_F
 ClientSampleId :

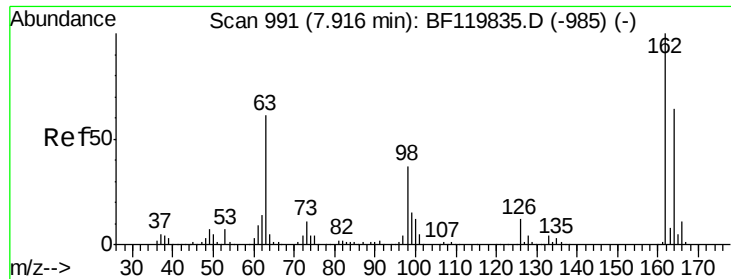
Tot Ion:122 Resp: 454215
 Ion Ratio Lower Upper
 122 100
 107 117.4 92.3 138.5
 121 59.8 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.726 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF119901.D
 Acq: 10 Apr 2020 18:12

Tgt Ion: 93 Resp: 659532
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.4 39.6
 123 11.5 9.7 14.5

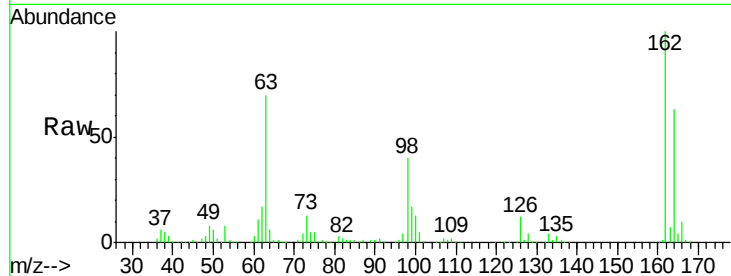




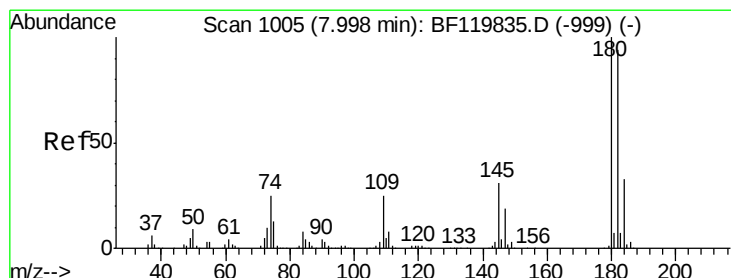
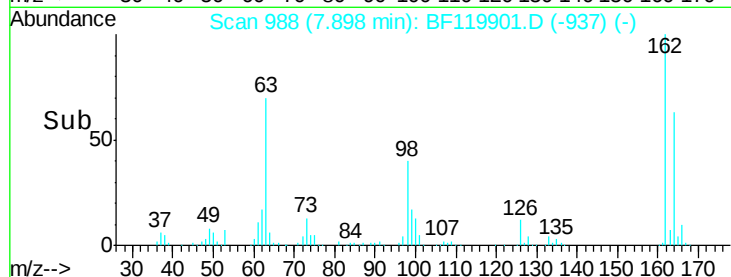
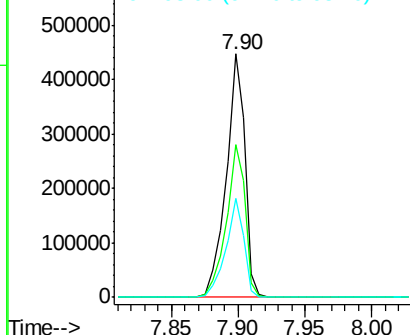
#29
2,4-Dichlorophenol
Concen: 52.013 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.4	84.4
98	40.4	17.3	57.3

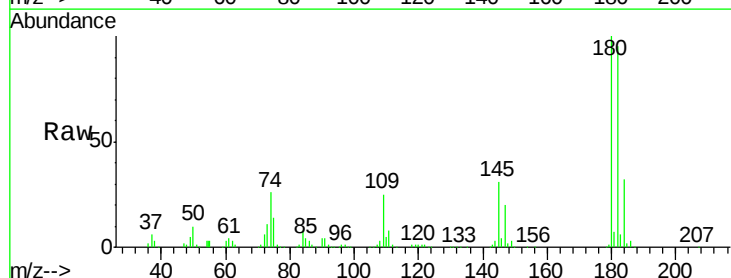


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

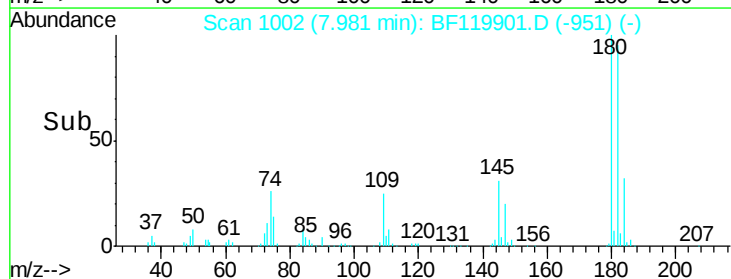
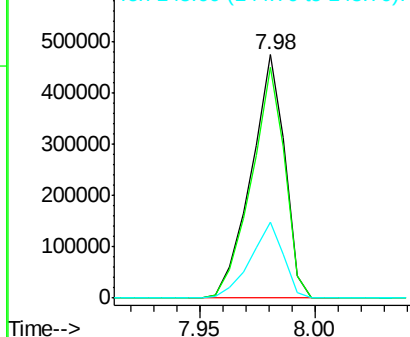


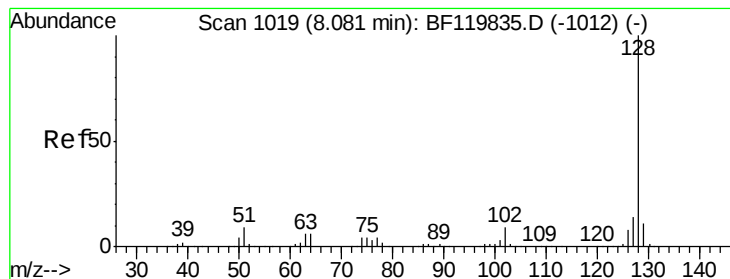
#30
1,2,4-Trichlorobenzene
Concen: 49.660 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.4	113.0
145	31.0	24.6	37.0



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: 50.799 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

Instrument :

BNA_F

ClientSampleId :

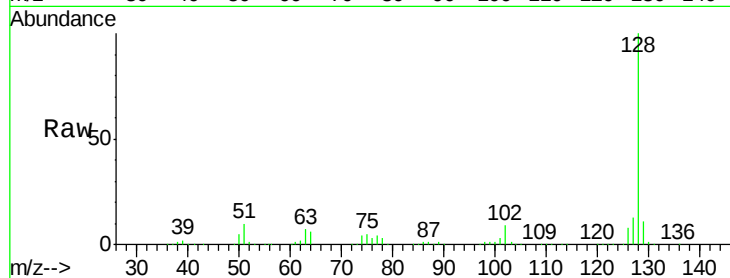
Tot Ion:128 Resp: 1524718

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

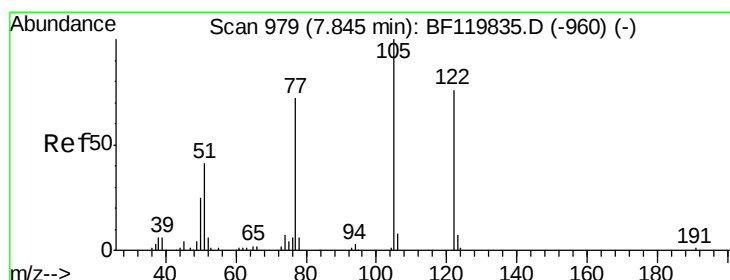
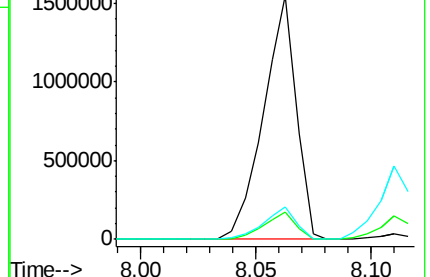
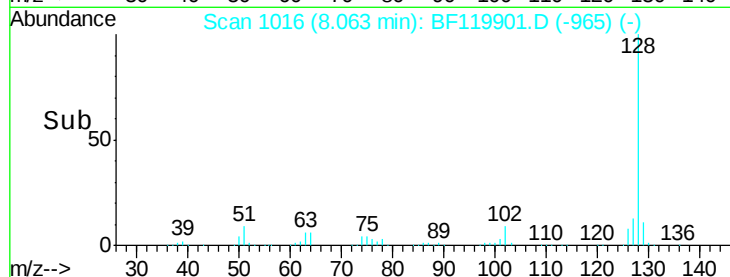
127 13.4 11.0 16.4



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: 51.256 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

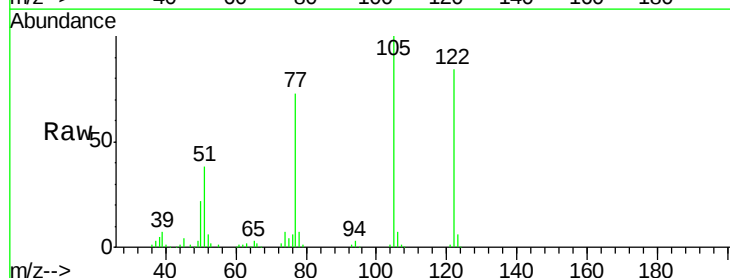
Tgt Ion:122 Resp: 376262

Ion Ratio Lower Upper

122 100

105 119.4 106.7 146.7

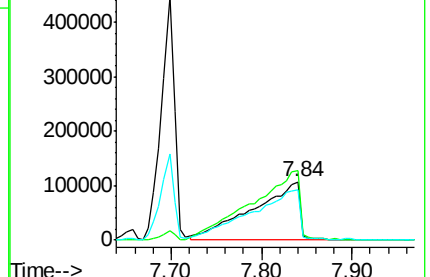
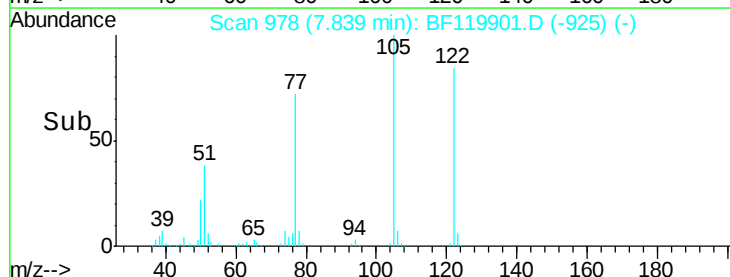
77 86.7 72.1 112.1

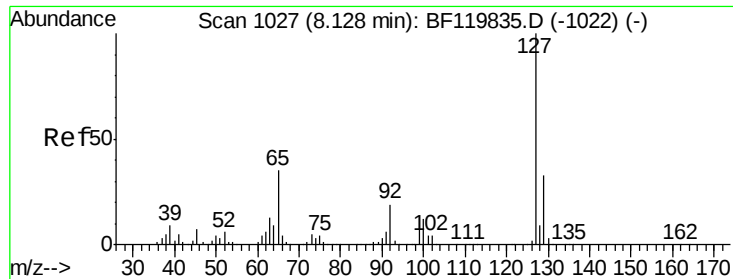


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

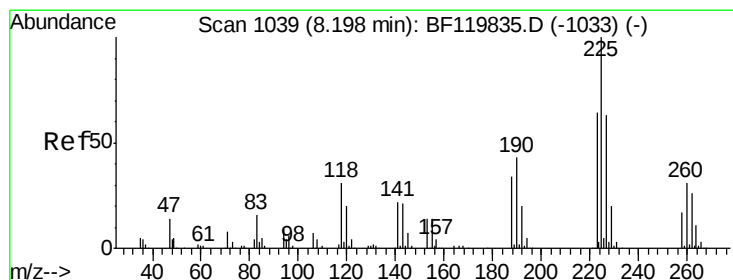
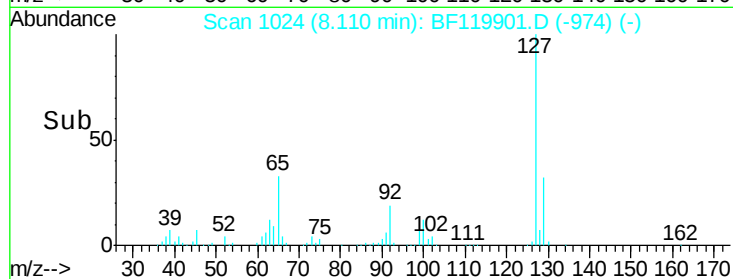
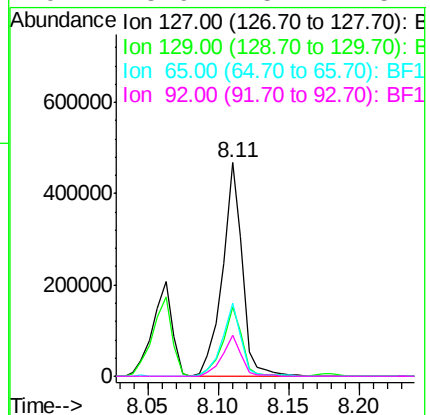
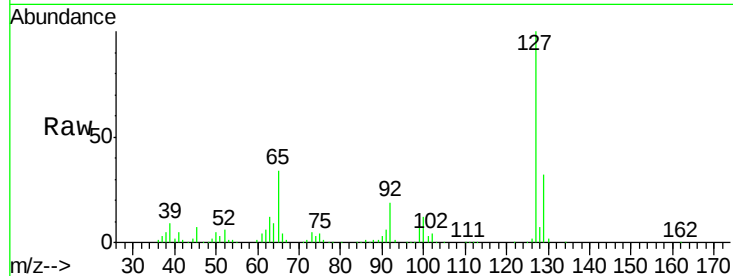




#33
4-Chloroaniline
Concen: 34.803 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

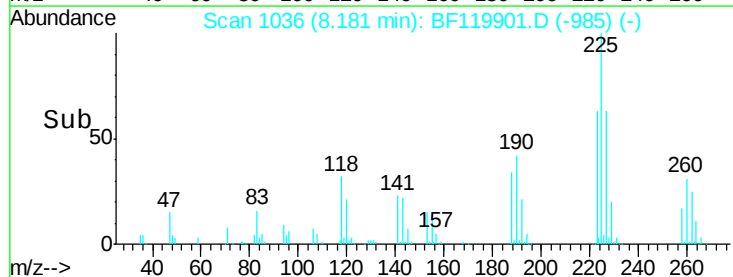
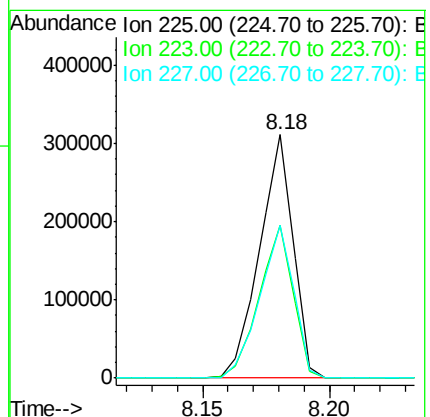
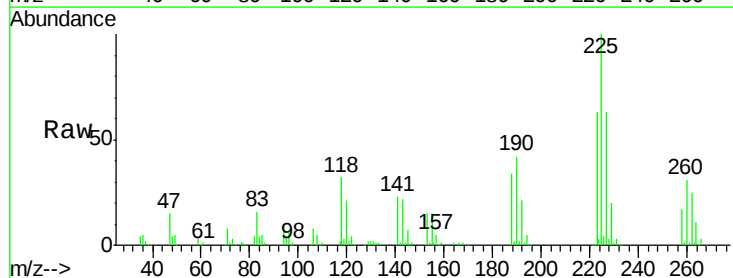
Instrument :
BNA_F
ClientSampleId :

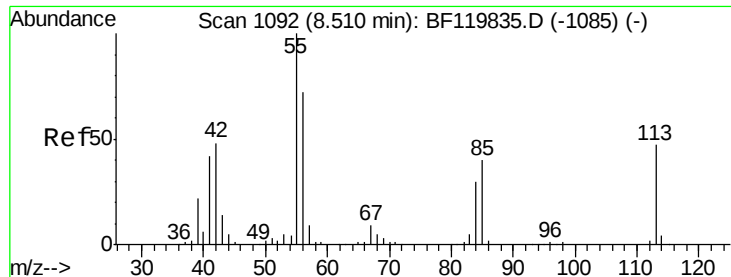
Tot Ion:	127	Resp:	454756
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	34.1	28.3	42.5
92	18.9	15.4	23.2



#34
Hexachlorobutadiene
Concen: 49.645 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Tgt Ion:	225	Resp:	288495
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.6
227	63.0	50.4	75.6

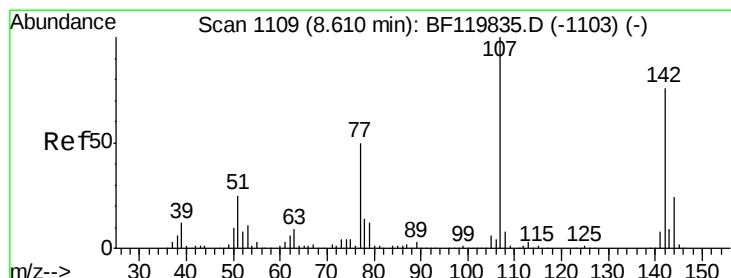
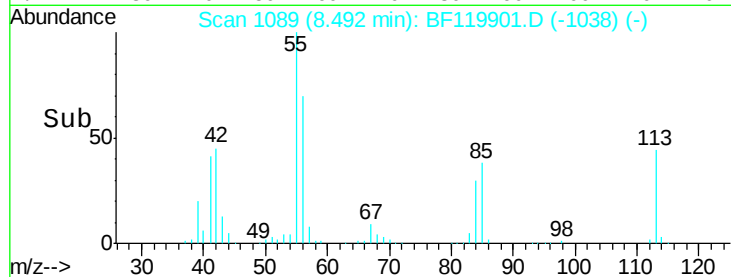
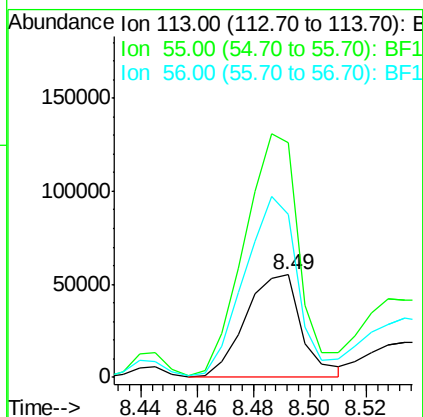
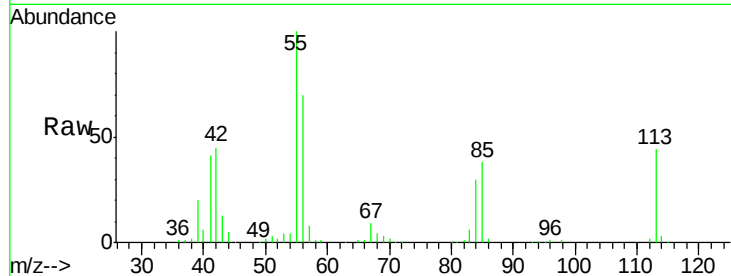




#35
 Caprolactam
 Concen: 29.184 ng
 RT: 8.49 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF119901.D
 Acq: 10 Apr 2020 18:12

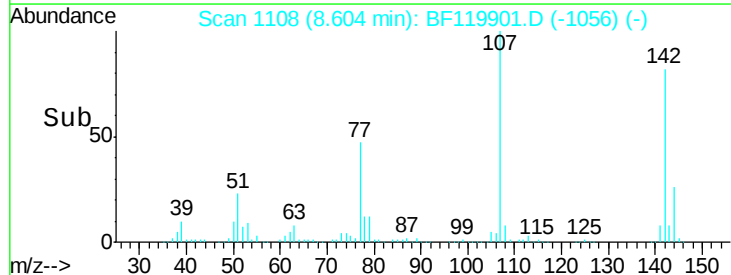
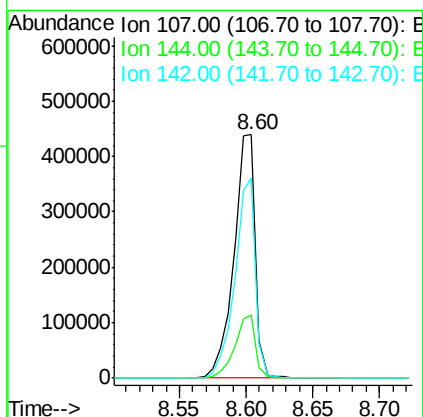
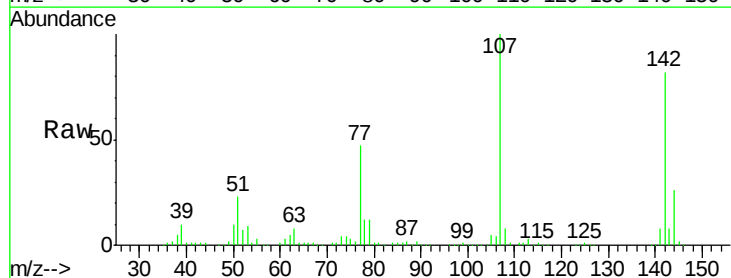
Instrument :
 BNA_F
 ClientSampled :

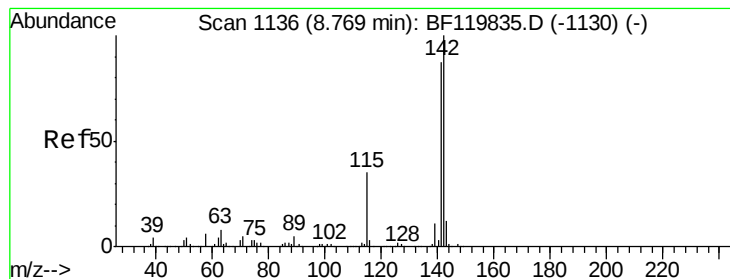
Tot Ion:113 Resp: 76485
 Ion Ratio Lower Upper
 113 100
 55 228.1 192.7 232.7
 56 159.4 133.3 173.3



#36
 4-Chloro-3-methylphenol
 Concen: 53.282 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.01 min
 Lab File: BF119901.D
 Acq: 10 Apr 2020 18:12

Tgt Ion:107 Resp: 494237
 Ion Ratio Lower Upper
 107 100
 144 26.1 19.5 29.3
 142 82.4 60.5 90.7





#37

2-Methylnaphthalene

Concen: 50.646 ng

RT: 8.76 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

Instrument :

BNA_F

ClientSampleId :

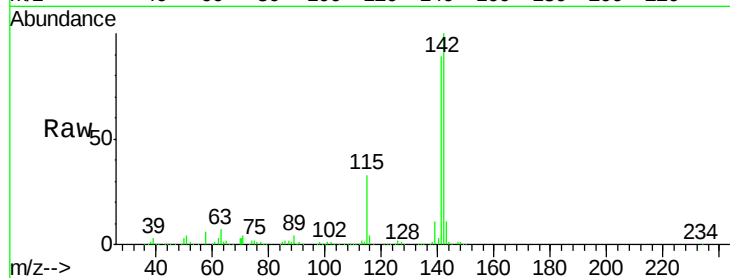
Tot Ion:142 Resp: 1030581

Ion Ratio Lower Upper

142 100

141 89.0 69.9 104.9

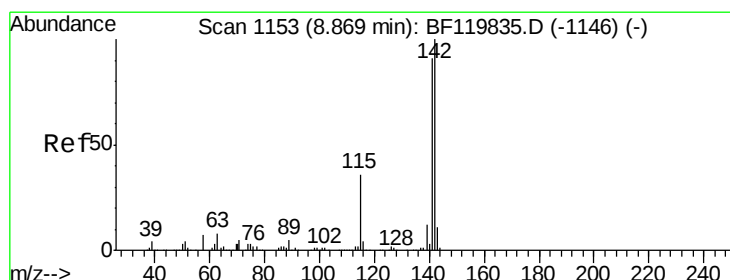
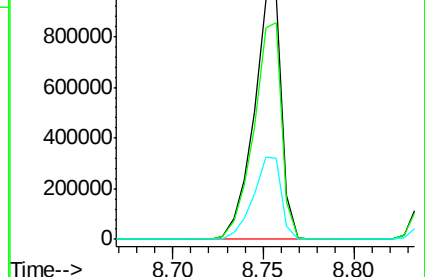
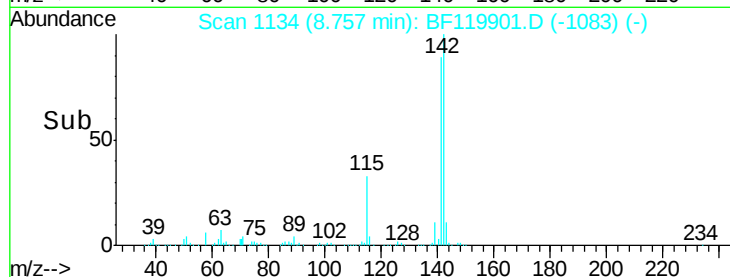
115 33.3 28.0 42.0



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: 55.695 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

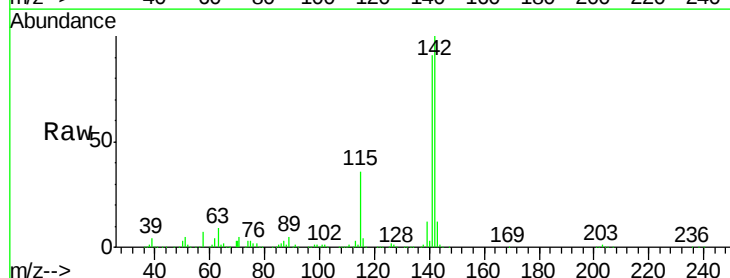
Tgt Ion:142 Resp: 1068220

Ion Ratio Lower Upper

142 100

141 91.2 72.9 109.3

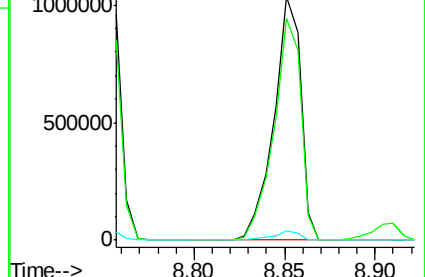
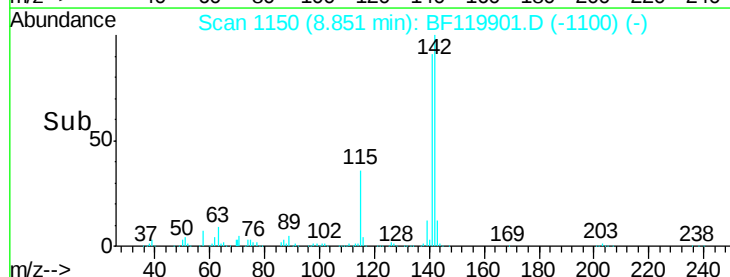
116 3.8 3.0 4.6

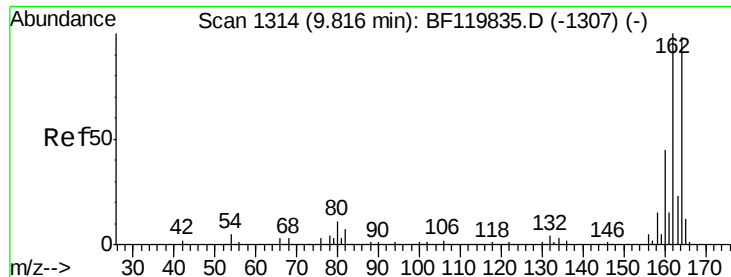


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

Instrument :

BNA_F

ClientSampleId :

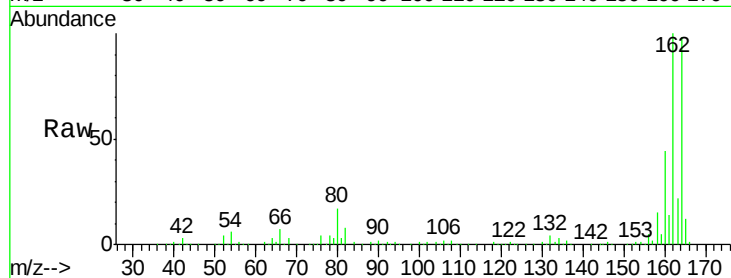
Tot Ion:164 Resp: 330882

Ion Ratio Lower Upper

164 100

162 101.8 81.9 122.9

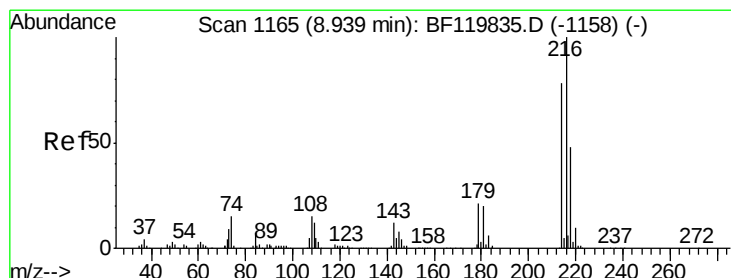
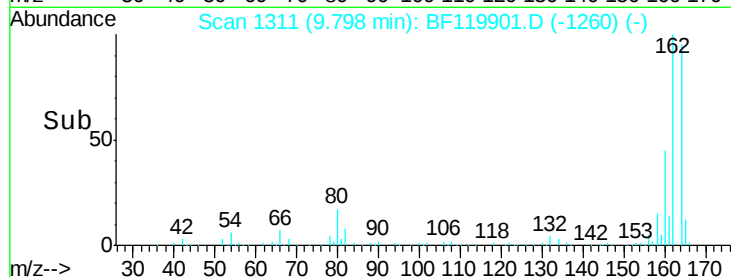
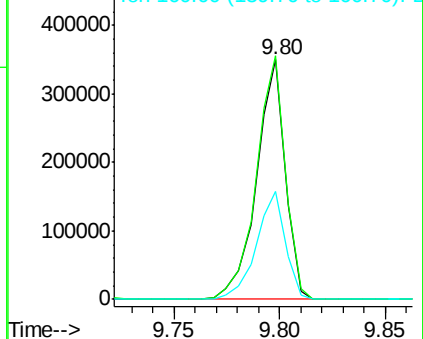
160 45.3 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.570 ng

RT: 8.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

Tgt Ion:216 Resp: 497135

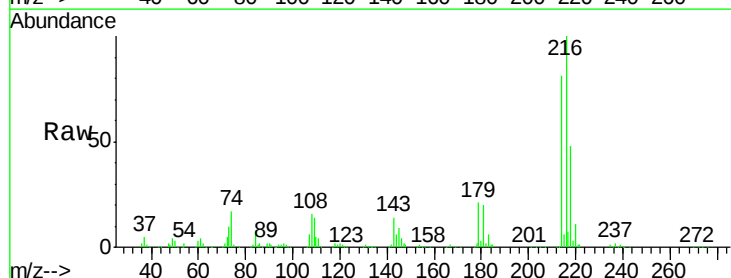
Ion Ratio Lower Upper

216 100

214 80.3 63.1 94.7

179 21.0 17.0 25.4

108 20.2 14.8 22.2

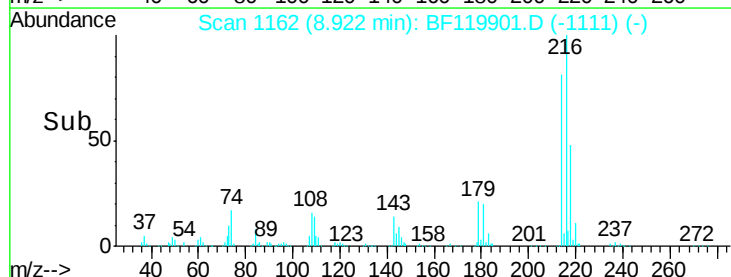
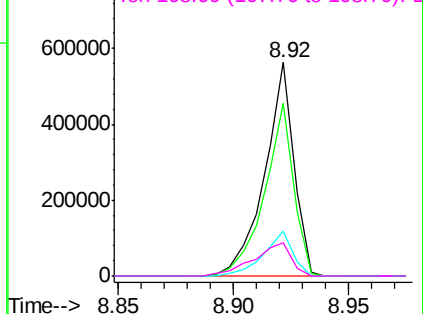


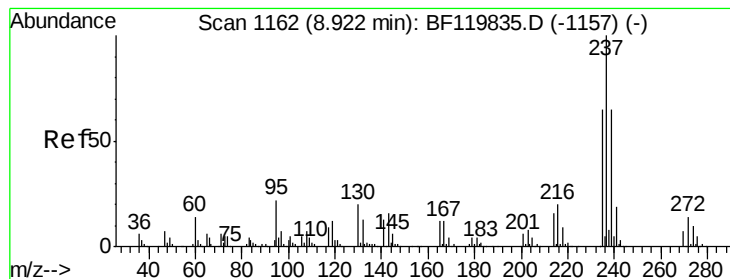
Abundance Ion 216.00 (215.70 to 216.70): E

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: 100.535 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

Instrument :

BNA_F

ClientSampleId :

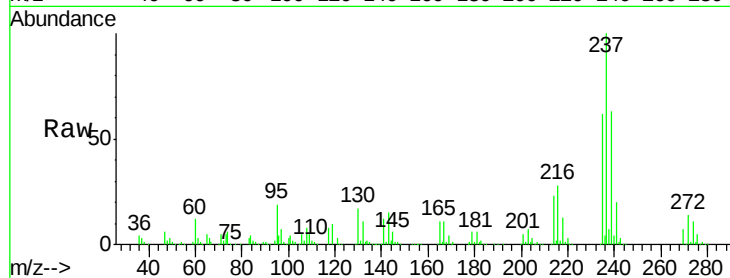
Tot Ion:237 Resp: 597444

Ion Ratio Lower Upper

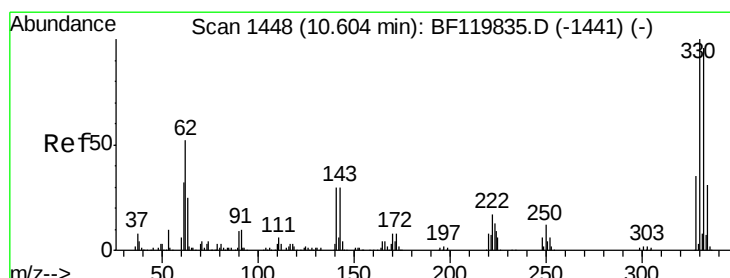
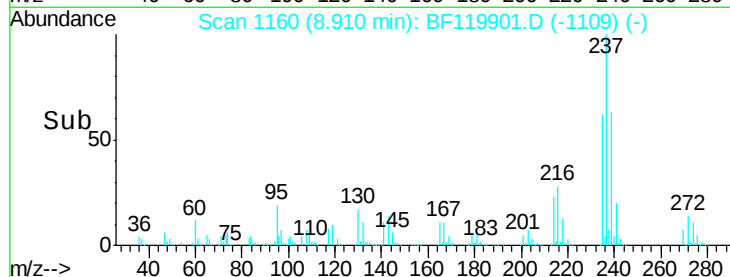
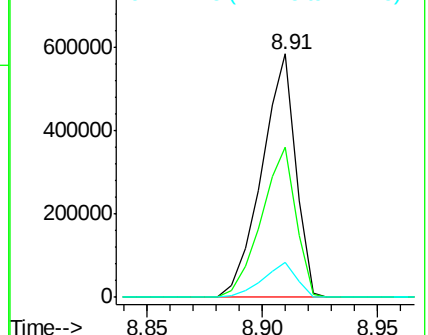
237 100

235 61.8 44.9 84.9

272 14.2 0.0 33.6



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: 83.500 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

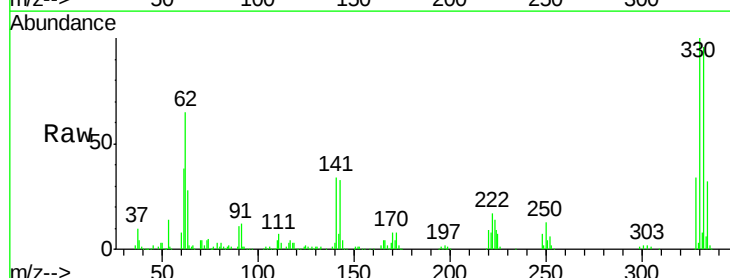
Tgt Ion:330 Resp: 338269

Ion Ratio Lower Upper

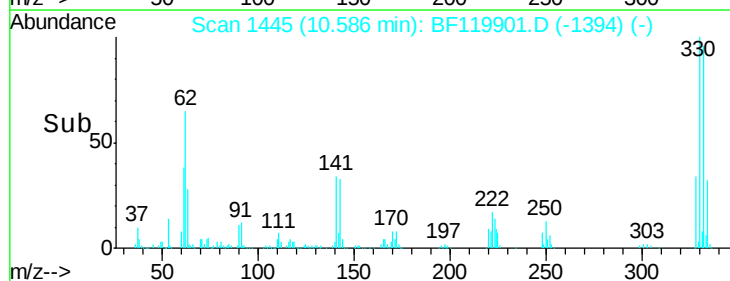
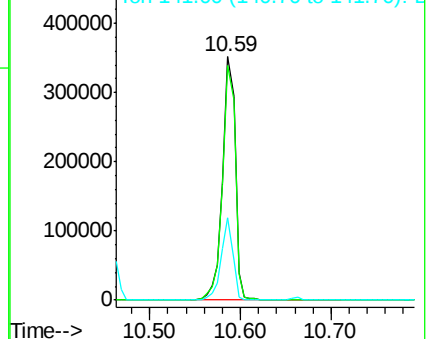
330 100

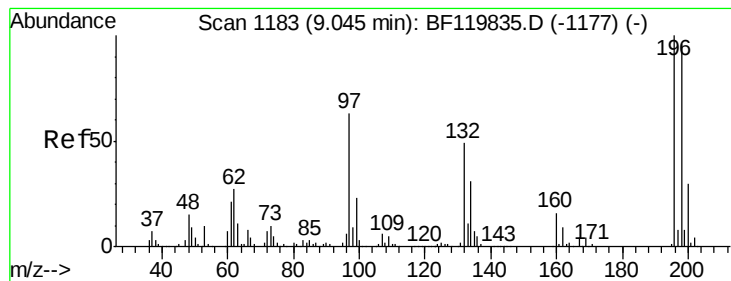
332 96.4 76.8 115.2

141 31.3 25.1 37.7



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: 51.753 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

Instrument :

BNA_F

ClientSampled :

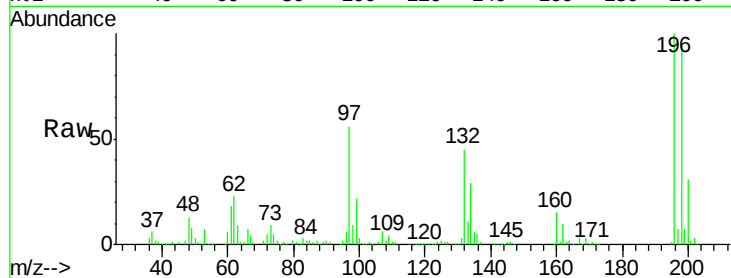
Tot Ion:196 Resp: 373485

Ion Ratio Lower Upper

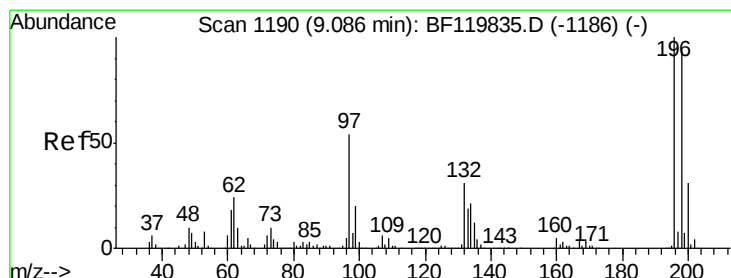
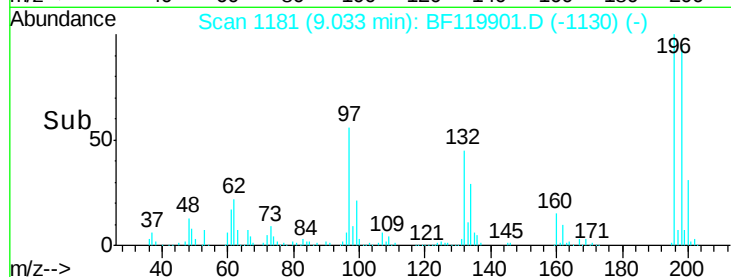
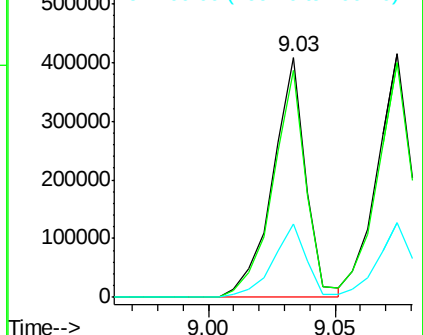
196 100

198 94.8 76.6 115.0

200 30.7 24.2 36.2



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



#44

2,4,5-Trichlorophenol

Concen: 47.434 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

Tgt Ion:196 Resp: 385545

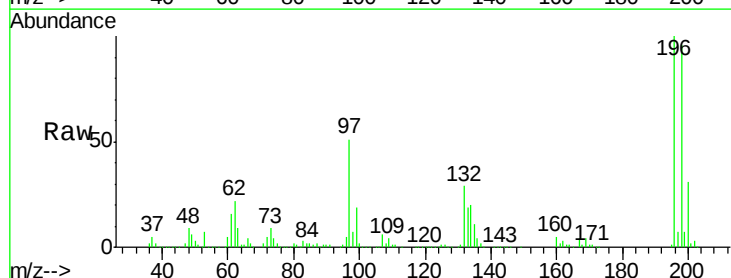
Ion Ratio Lower Upper

196 100

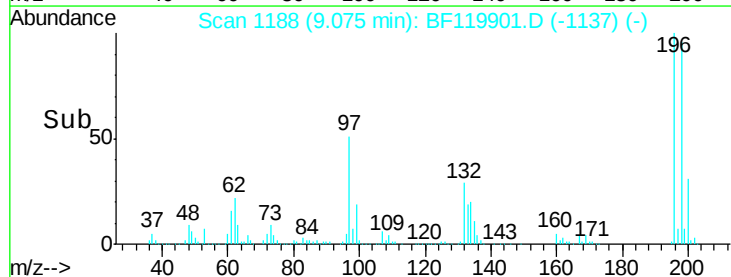
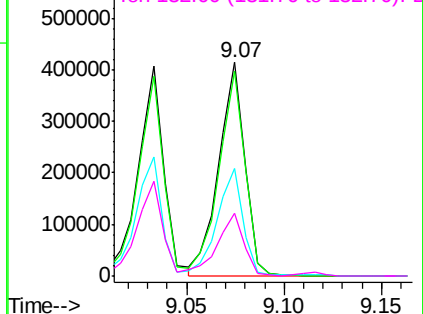
198 96.1 75.1 112.7

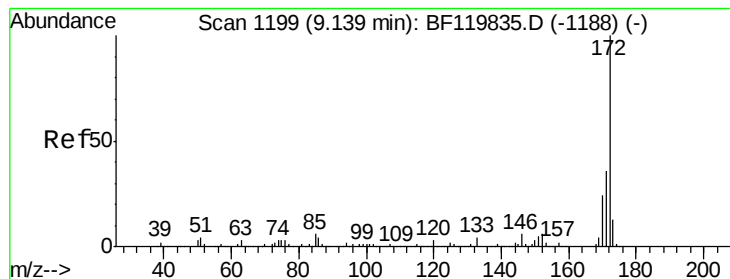
97 50.5 43.4 65.2

132 29.5 24.5 36.7



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





#45

2-Fluorobiphenyl

Concen: 57.029 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

Instrument :

BNA_F

ClientSampleId :

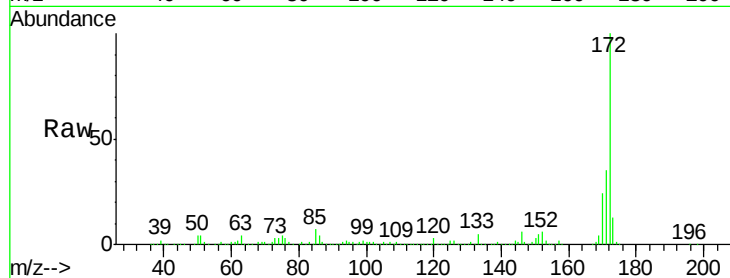
Tot Ion:172 Resp: 1329073

Ion Ratio Lower Upper

172 100

171 35.2 28.9 43.3

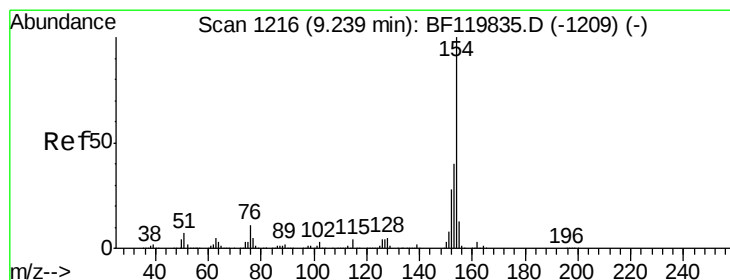
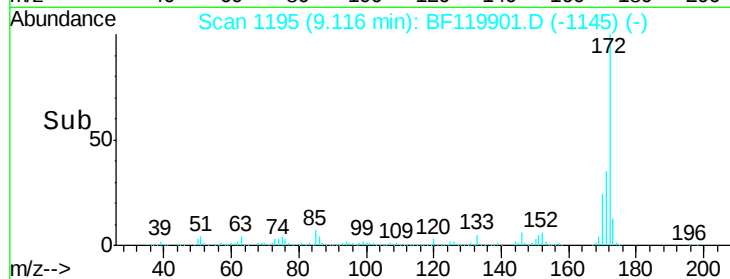
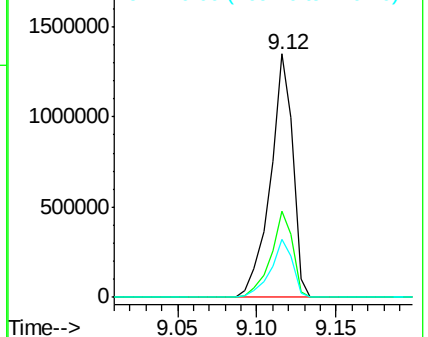
170 23.6 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 49.150 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

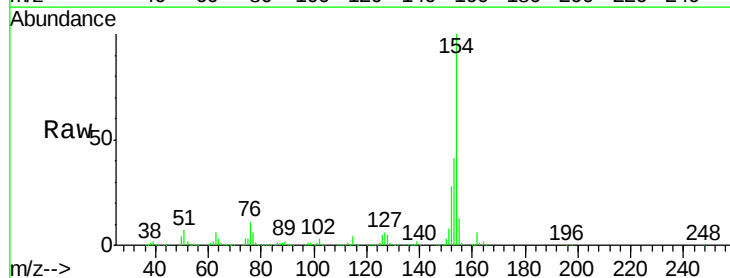
Tgt Ion:154 Resp: 1372668

Ion Ratio Lower Upper

154 100

153 40.6 20.5 60.5

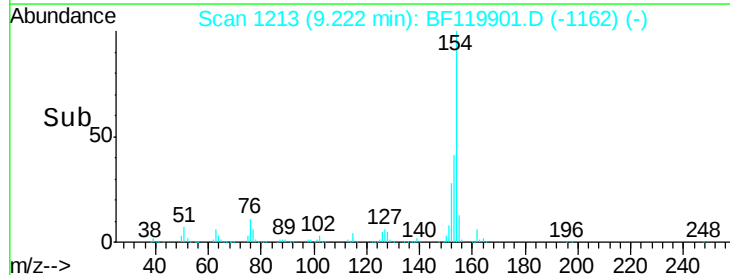
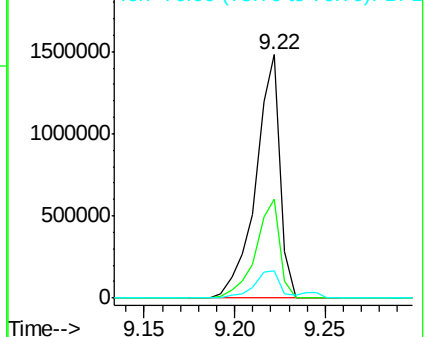
76 11.5 0.0 30.6

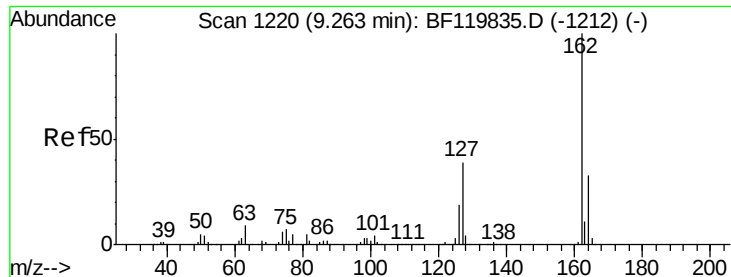


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

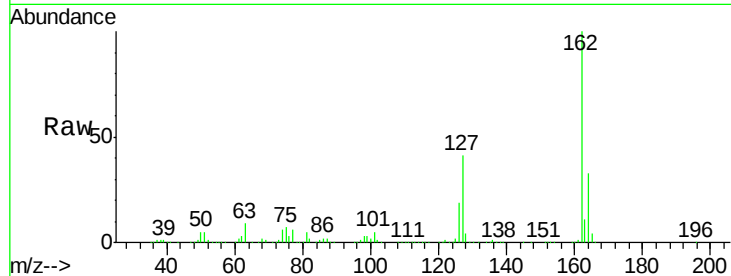




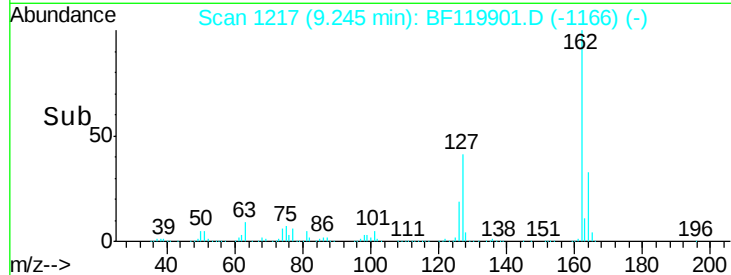
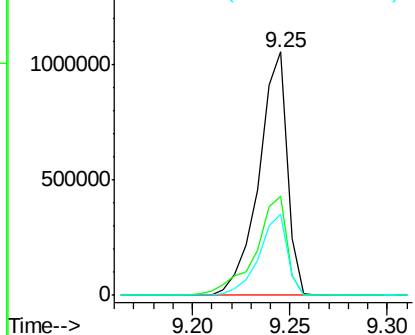
#47
2-Chloronaphthalene
Concen: 49.385 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1062492
Ion Ratio Lower Upper
162 100
127 40.5 31.2 46.8
164 33.4 26.3 39.5

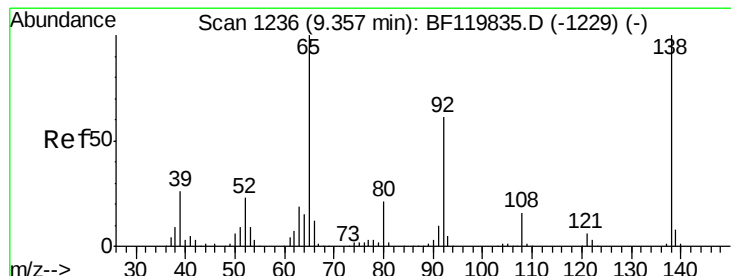


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

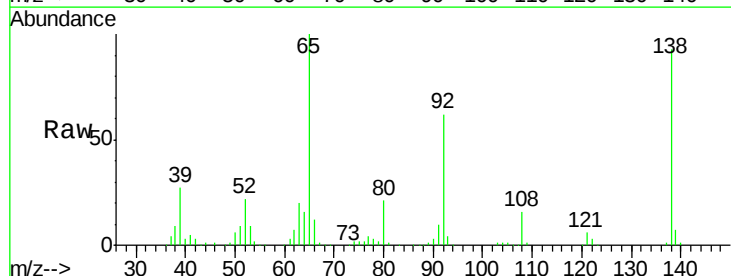
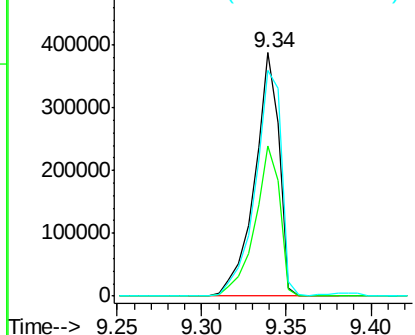


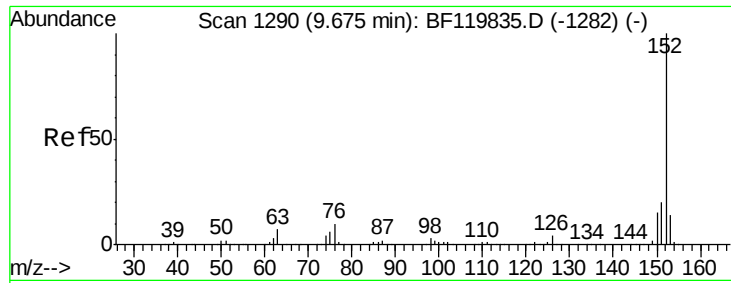
#48
2-Nitroaniline
Concen: 50.363 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Tgt Ion: 65 Resp: 392657
Ion Ratio Lower Upper
65 100
92 61.9 49.0 73.6
138 92.7 79.7 119.5



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: 51.256 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

Instrument :

BNA_F

ClientSampleId :

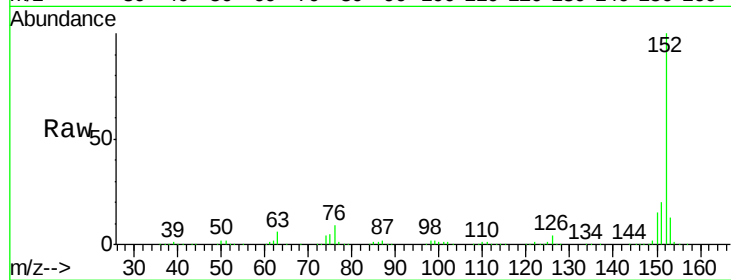
Tot Ion:152 Resp: 1677061

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

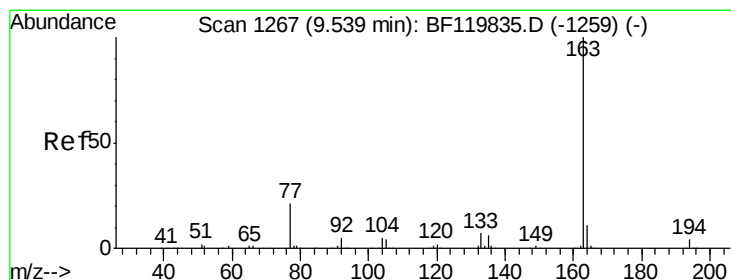
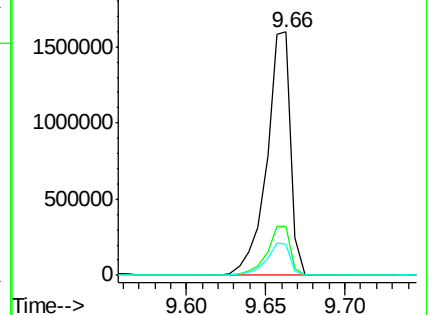
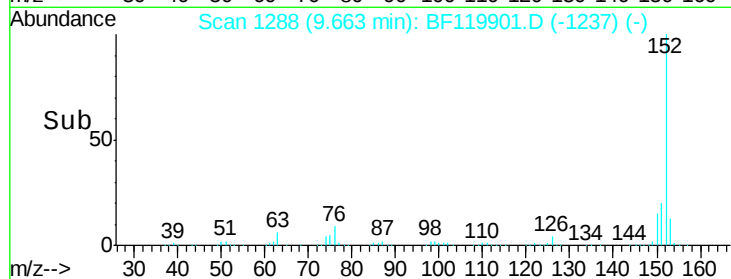
153 12.9 10.9 16.3



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: 55.907 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

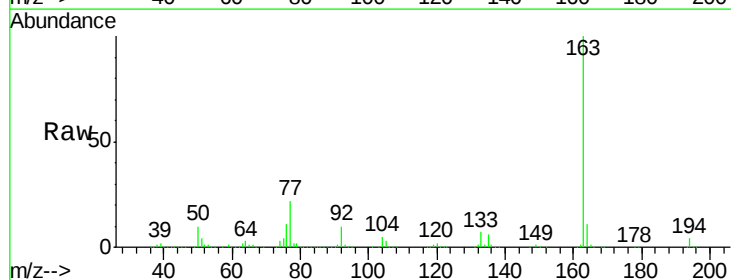
Tgt Ion:163 Resp: 1430829

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

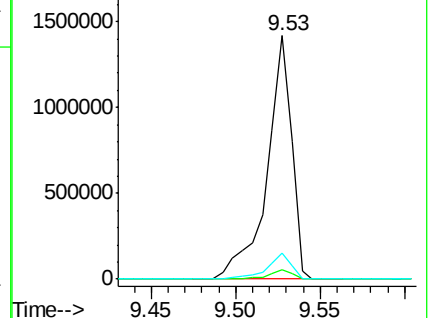
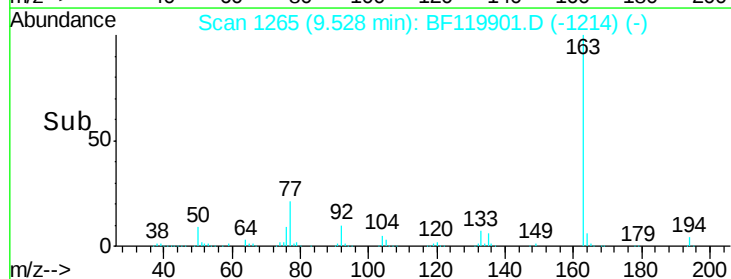
164 10.5 8.4 12.6

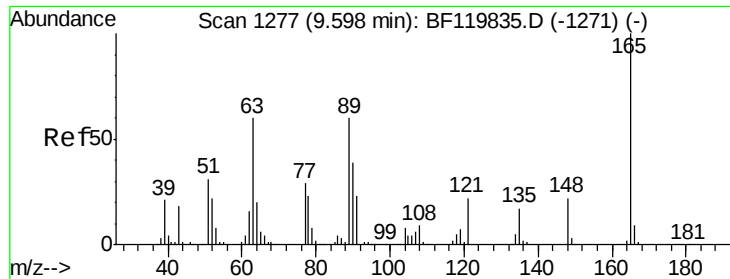


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 51.181 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

Instrument :

BNA_F

ClientSampleId :

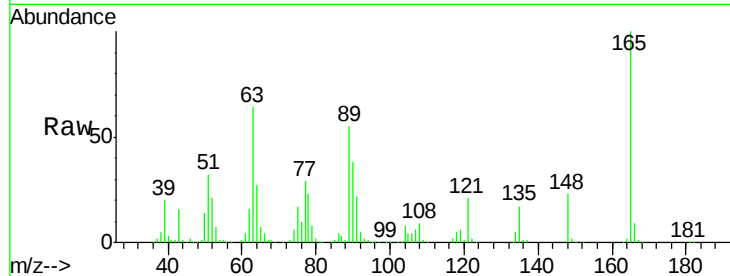
Tot Ion:165 Resp: 286844

Ion Ratio Lower Upper

165 100

63 63.6 55.6 83.4

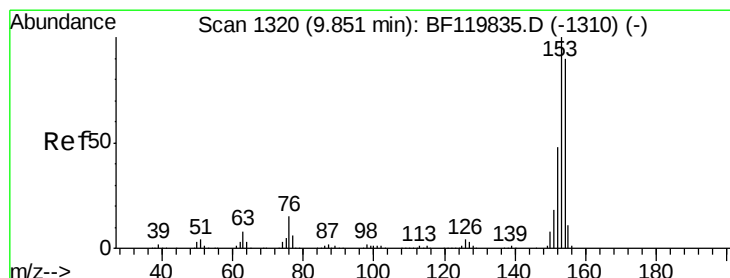
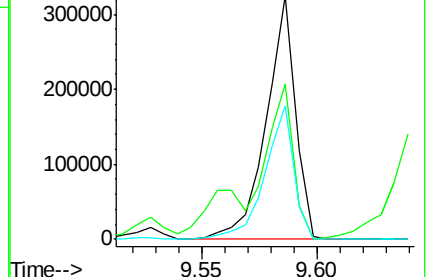
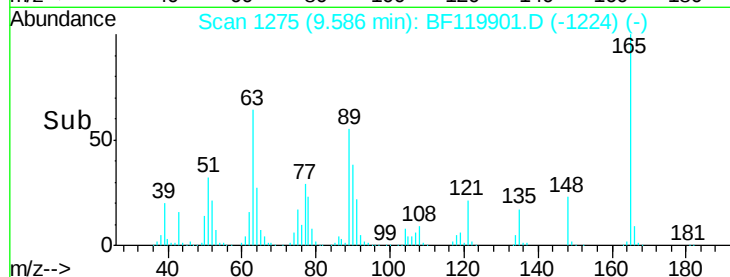
89 55.1 47.9 71.9



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 47.527 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

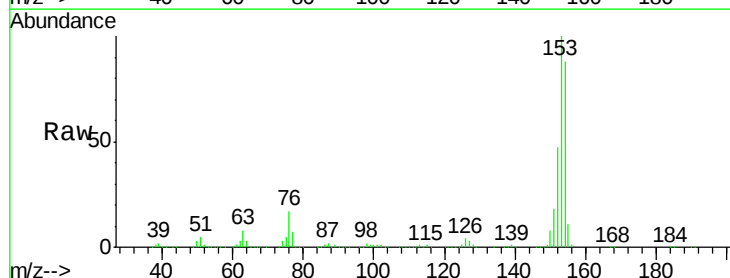
Tgt Ion:154 Resp: 1037316

Ion Ratio Lower Upper

154 100

153 113.1 88.8 133.2

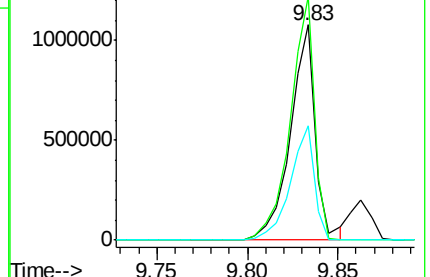
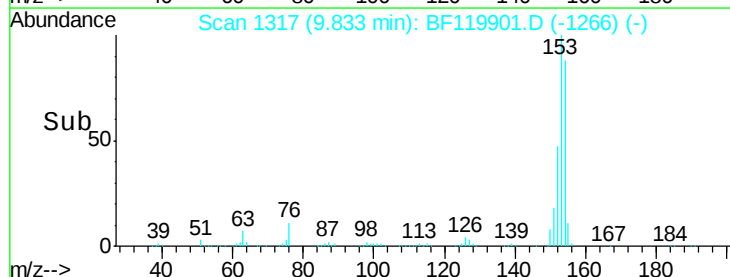
152 53.3 42.4 63.6

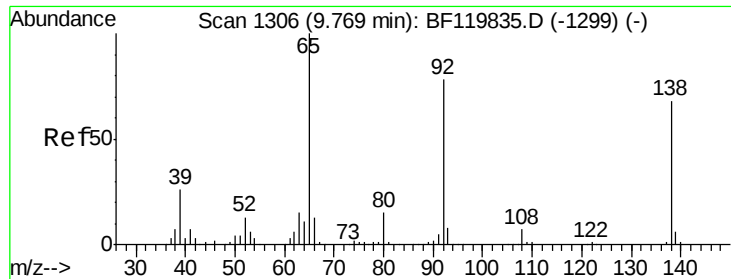


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

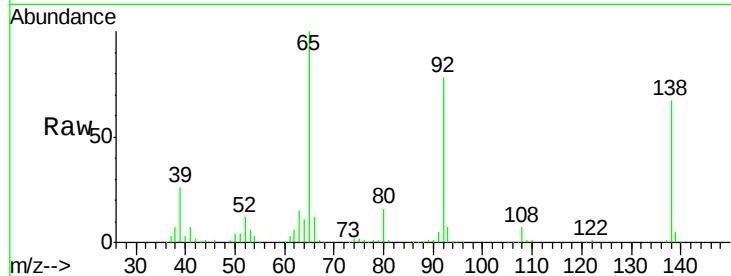




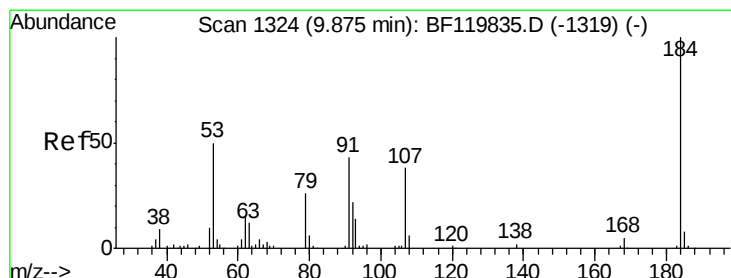
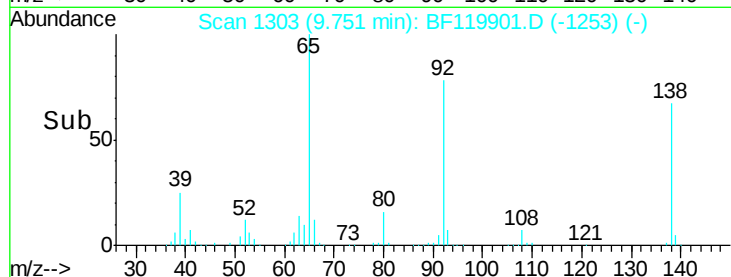
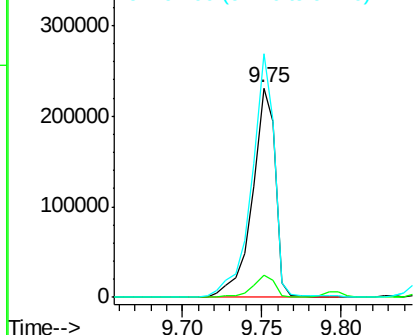
#53
 3-Nitroaniline
 Concen: 36.203 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF119901.D
 Acq: 10 Apr 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 231733
 Ion Ratio Lower Upper
 138 100
 108 10.3 8.0 12.0
 92 116.4 92.1 138.1

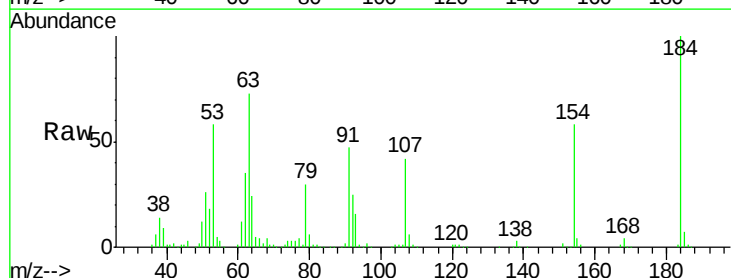


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

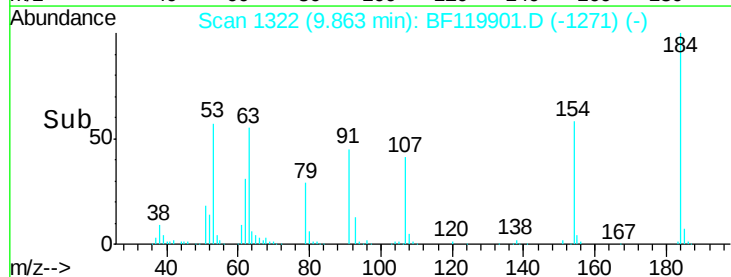
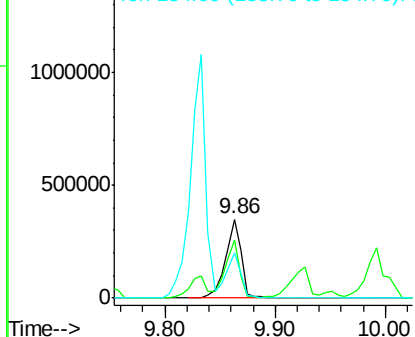


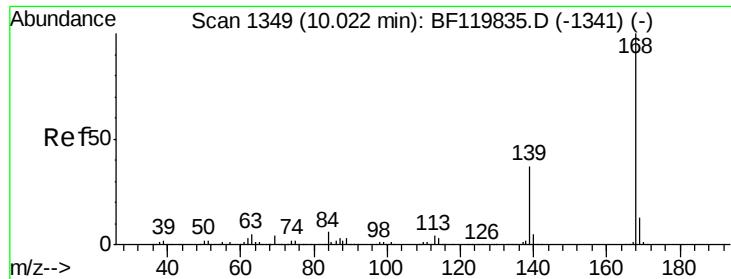
#54
 2,4-Dinitrophenol
 Concen: 106.404 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF119901.D
 Acq: 10 Apr 2020 18:12

Tgt Ion:184 Resp: 357028
 Ion Ratio Lower Upper
 184 100
 63 73.2 49.8 74.6
 154 58.2 46.5 69.7



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

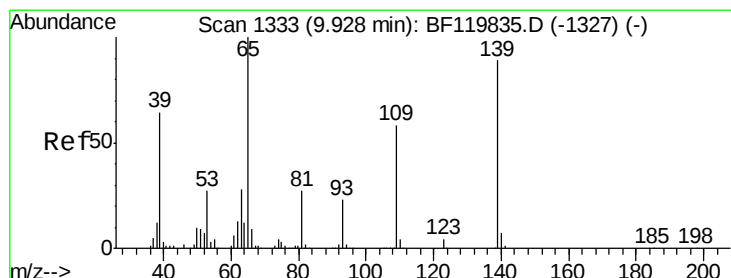
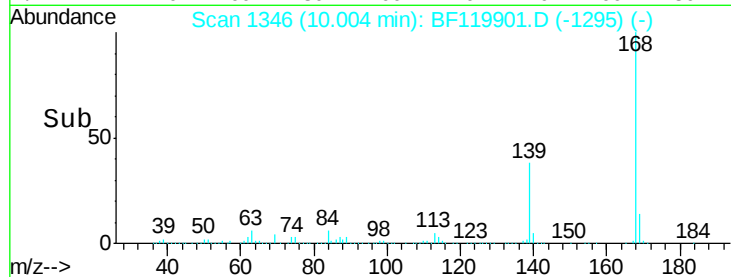
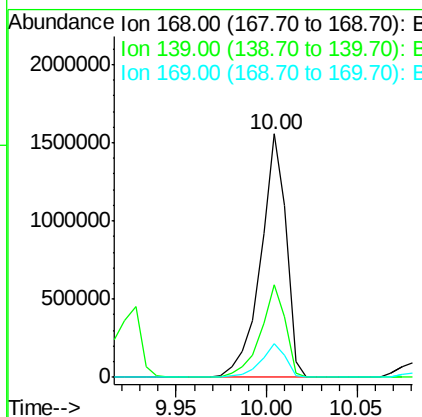
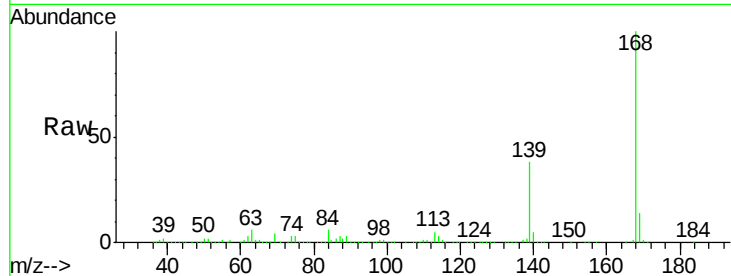




#55
Dibenzofuran
Concen: 50.522 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

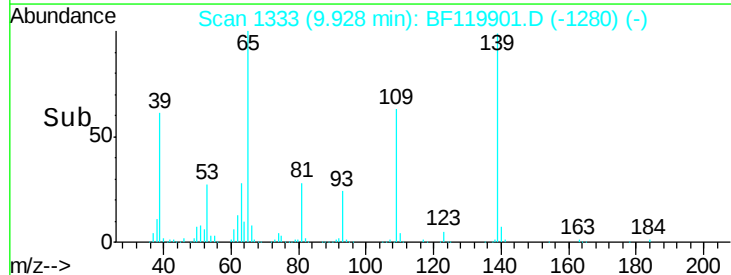
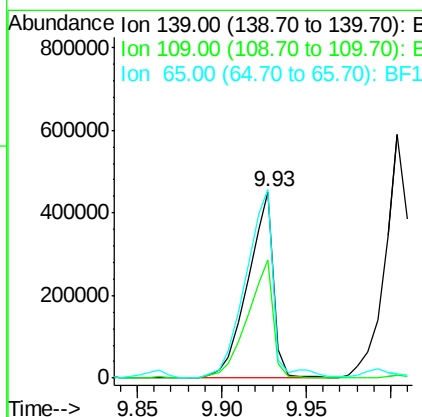
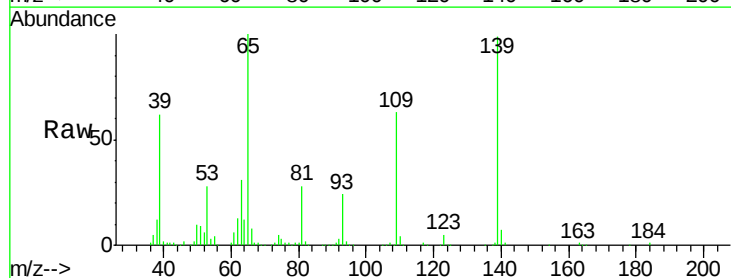
Instrument :
BNA_F
ClientSampleId :

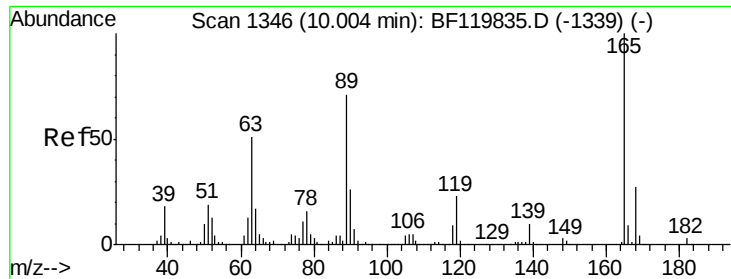
Tot Ion:168 Resp: 1513167
Ion Ratio Lower Upper
168 100
139 37.9 29.8 44.6
169 13.7 10.6 15.8



#56
4-Nitrophenol
Concen: 100.950 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Tgt Ion:139 Resp: 480783
Ion Ratio Lower Upper
139 100
109 63.3 45.5 85.5
65 101.2 92.3 132.3





#57

2,4-Dinitrotoluene

Concen: 50.725 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 374550

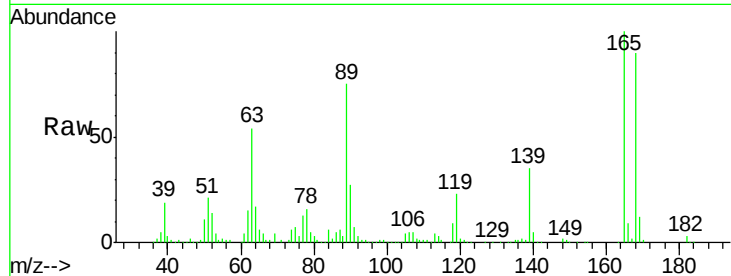
Ion Ratio Lower Upper

165 100

63 54.4 40.8 61.2

89 74.8 56.9 85.3

182 2.5 2.0 3.0

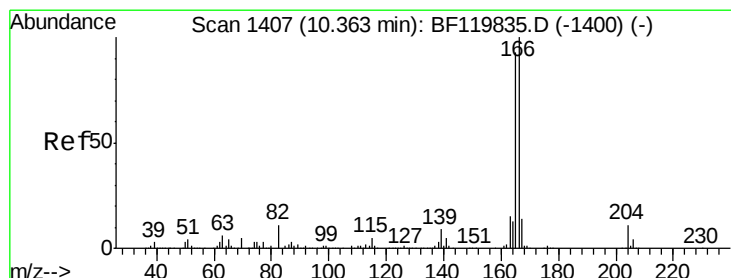
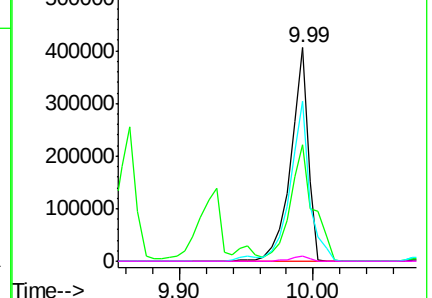
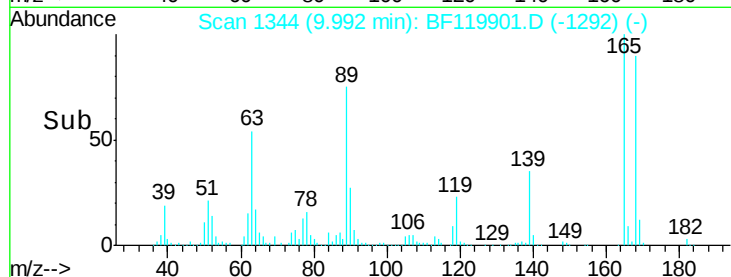


Abundance Ion 165.00 (164.70 to 165.70): E

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: 49.265 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

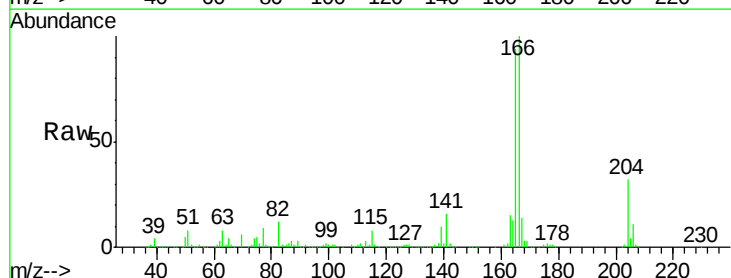
Tgt Ion:166 Resp: 1180058

Ion Ratio Lower Upper

166 100

165 93.8 74.2 111.2

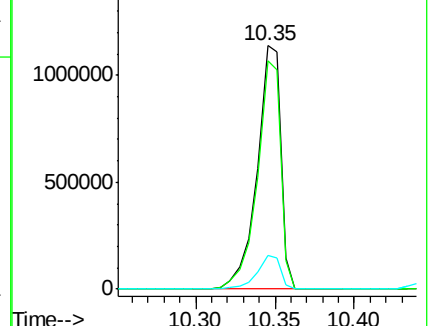
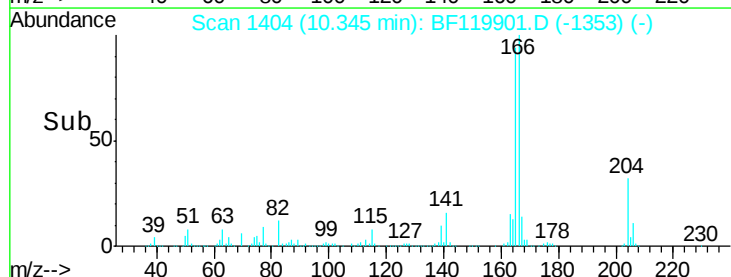
167 13.8 10.8 16.2

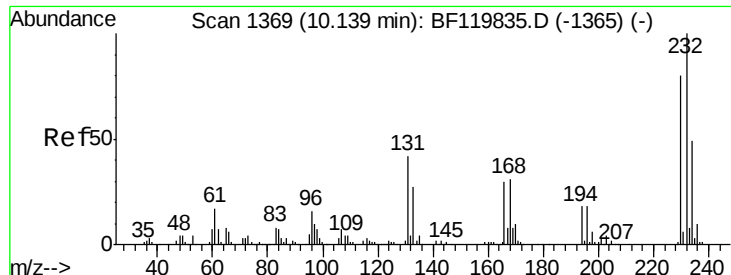


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

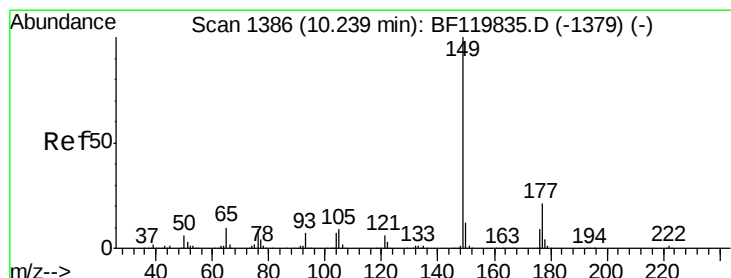
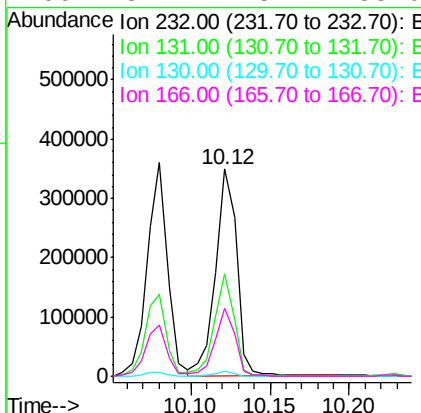
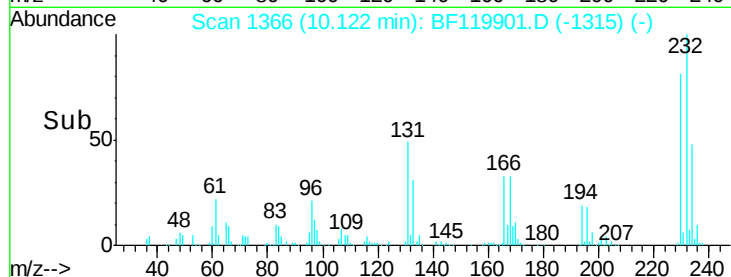
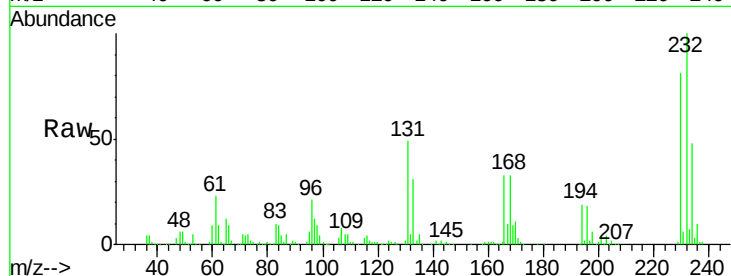




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.029 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF119901.D
 Acq: 10 Apr 2020 18:12

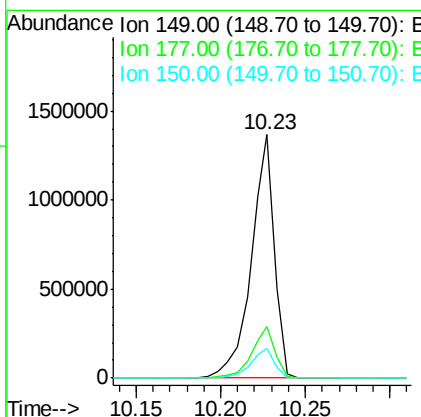
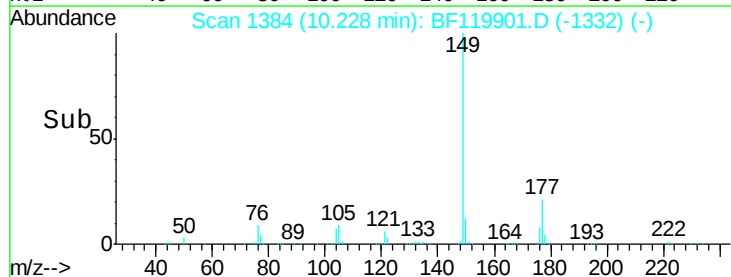
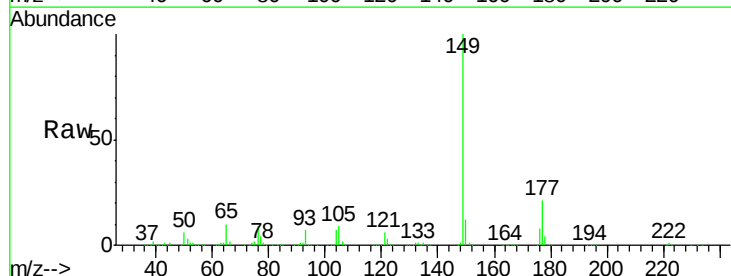
Instrument :
 BNA_F
 ClientSampleId :

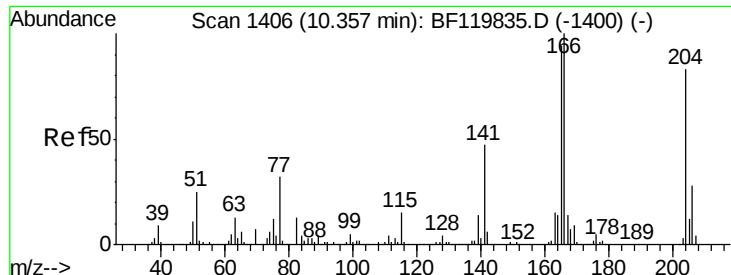
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.8	37.9	56.9
130	2.1	1.8	2.6
166	31.7	25.4	38.0



#60
 Diethylphthalate
 Concen: 49.053 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF119901.D
 Acq: 10 Apr 2020 18:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.8	25.2
150	12.2	9.8	14.6

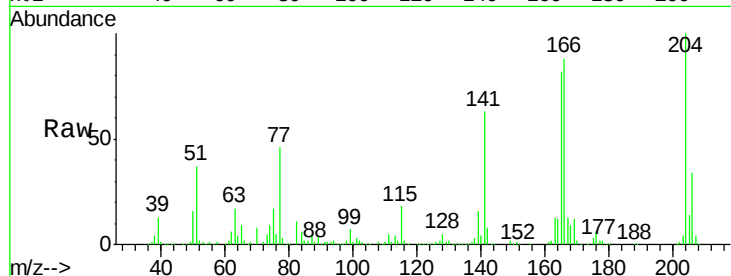




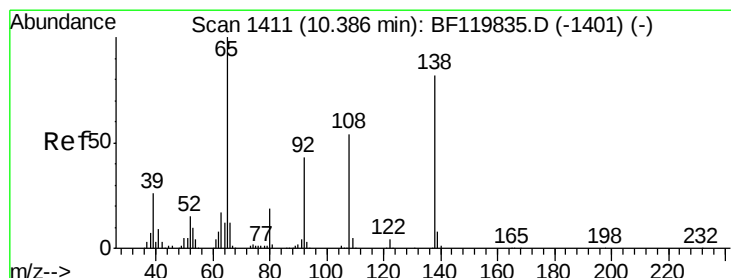
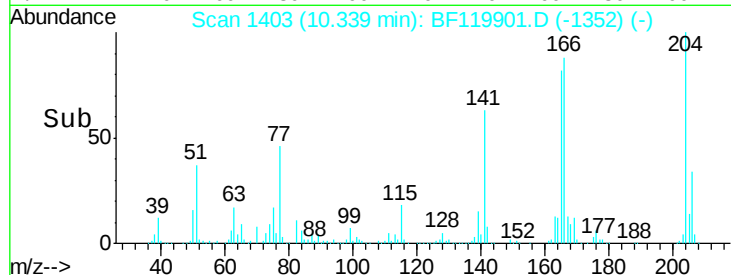
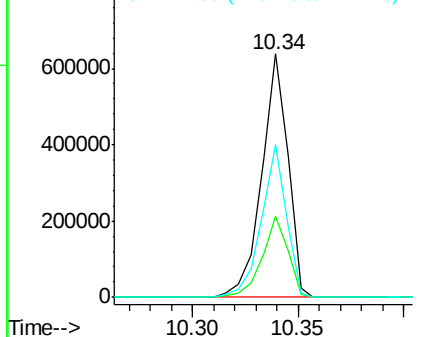
#61
4-Chlorophenyl-phenylether
Concen: 44.771 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 549652
Ion Ratio Lower Upper
204 100
206 33.5 26.7 40.1
141 62.8 45.8 68.8

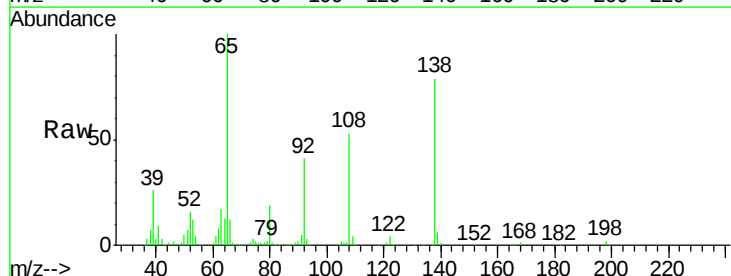


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

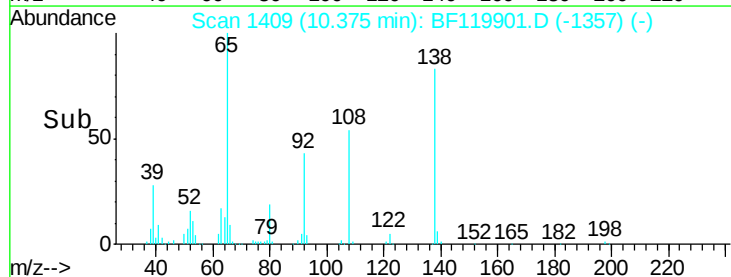
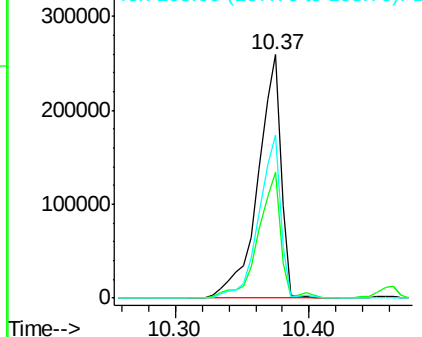


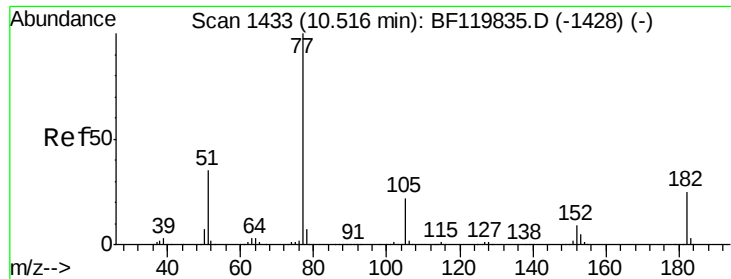
#62
4-Nitroaniline
Concen: 50.374 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Tgt Ion:138 Resp: 307283
Ion Ratio Lower Upper
138 100
92 51.6 31.6 71.6
108 66.7 45.2 85.2



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: 51.239 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1218054

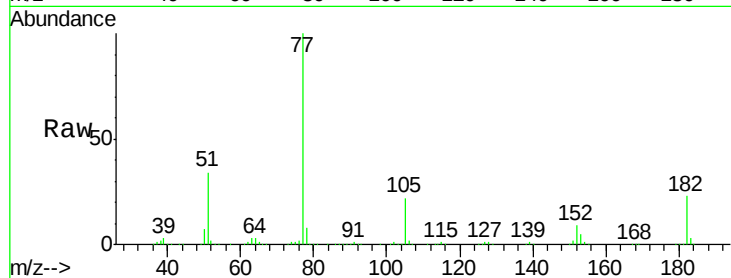
Ion Ratio Lower Upper

77 100

182 22.7 4.5 44.5

105 21.8 2.2 42.2

51 34.3 15.1 55.1

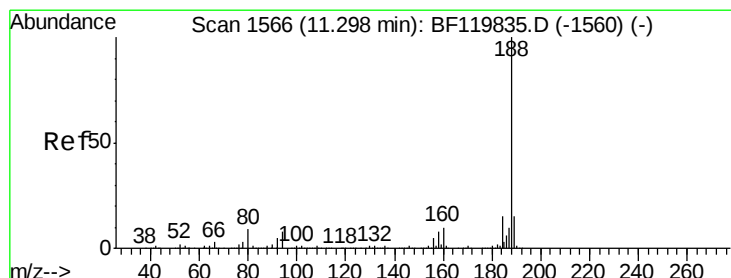
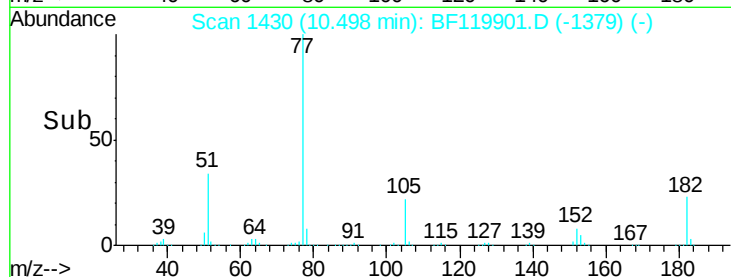
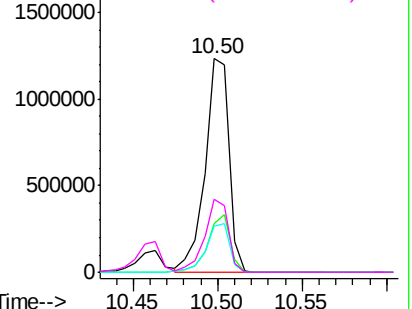


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

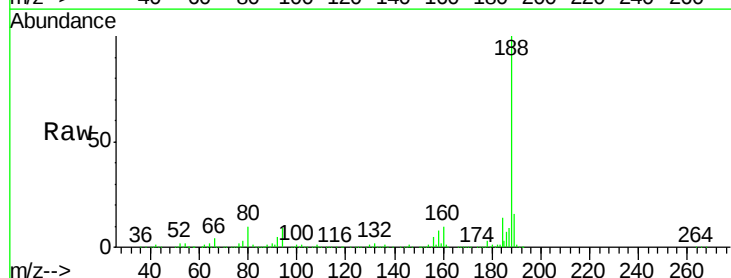
Tgt Ion: 188 Resp: 576458

Ion Ratio Lower Upper

188 100

94 9.1 6.7 10.1

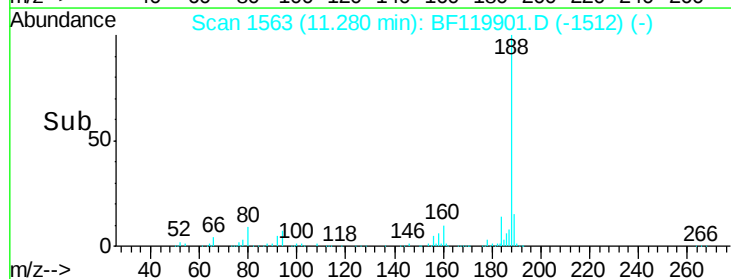
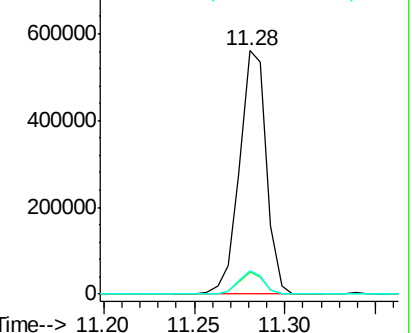
80 9.5 7.4 11.2

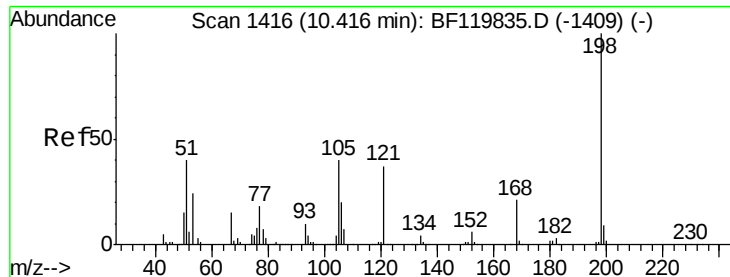


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

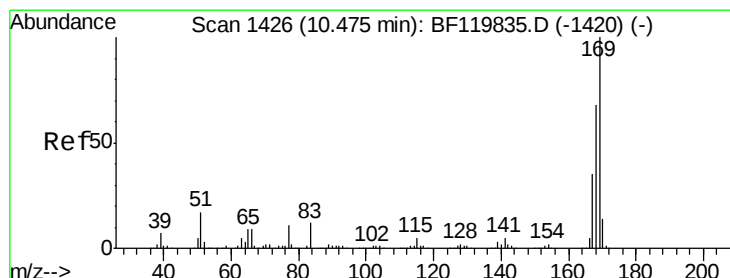
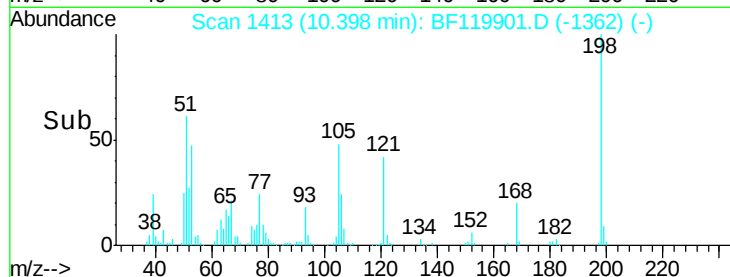
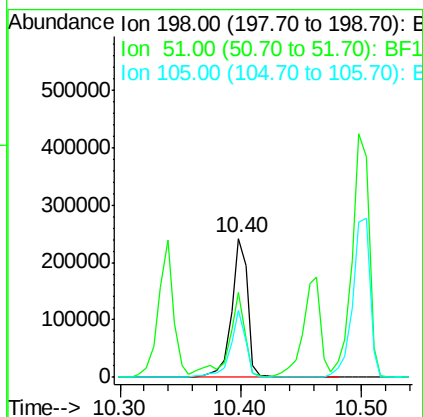
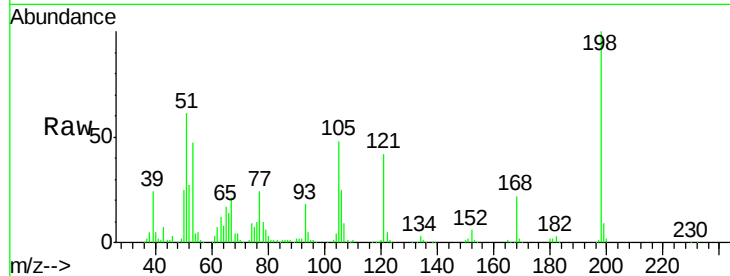




#65
 4,6-Dinitro-2-methylphenol
 Concen: 59.128 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF119901.D
 Acq: 10 Apr 2020 18:12

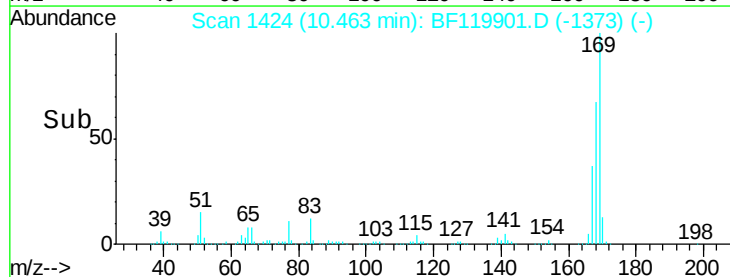
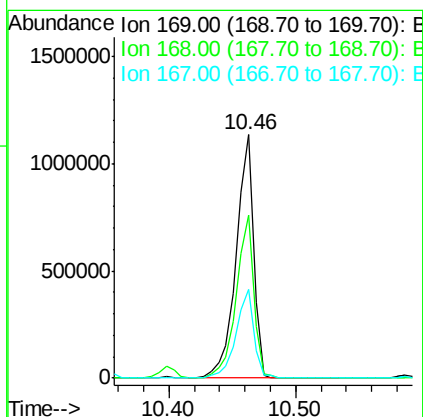
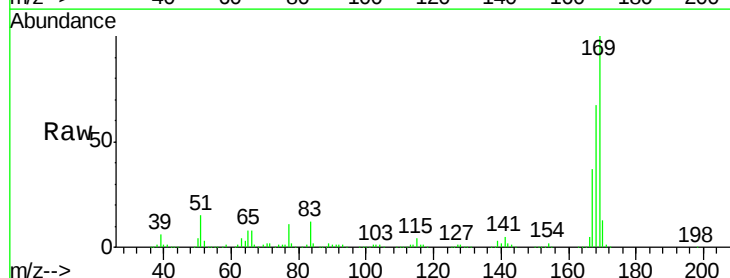
Instrument :
 BNA_F
 ClientSampleId :

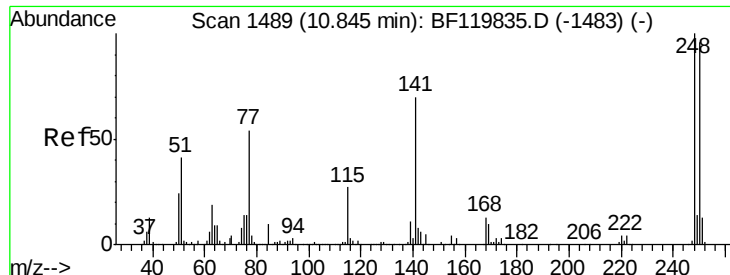
Tot Ion:198 Resp: 224553
 Ion Ratio Lower Upper
 198 100
 51 60.6 25.2 65.2
 105 48.1 20.8 60.8



#66
 n-Nitrosodiphenylamine
 Concen: 55.909 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF119901.D
 Acq: 10 Apr 2020 18:12

Tgt Ion:169 Resp: 1071851
 Ion Ratio Lower Upper
 169 100
 168 66.8 54.2 81.4
 167 36.7 28.3 42.5

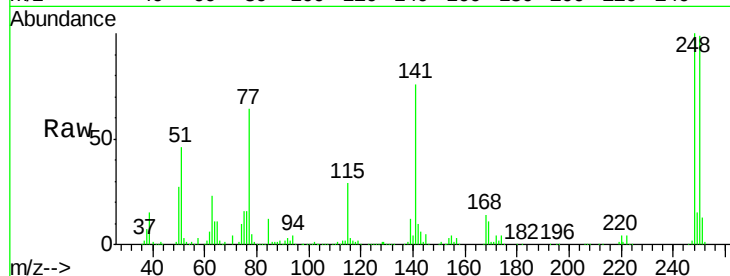




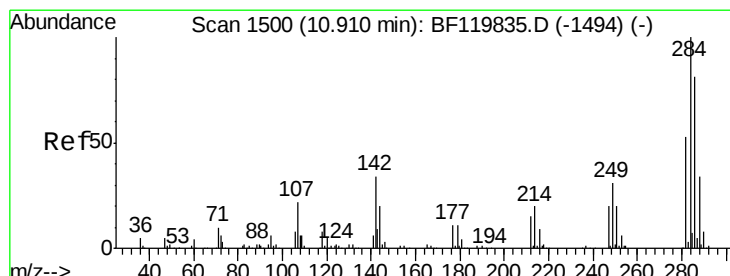
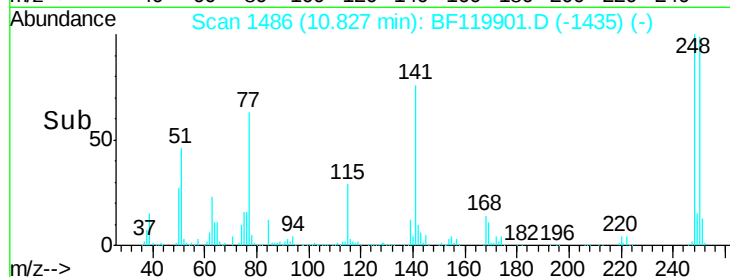
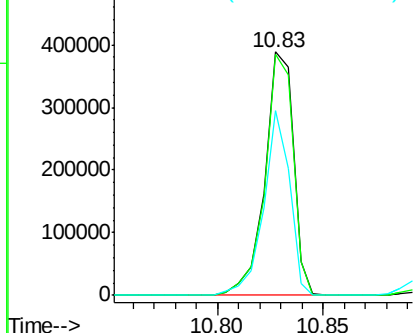
#67
4-Bromophenyl-phenylether
Concen: 51.318 ng
RT: 10.83 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 367892
Ion Ratio Lower Upper
248 100
250 99.1 76.6 114.8
141 75.7 55.9 83.9

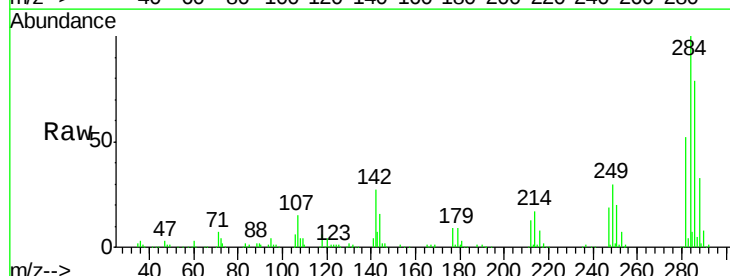


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

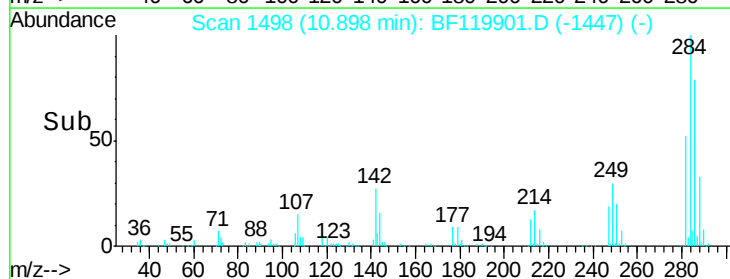
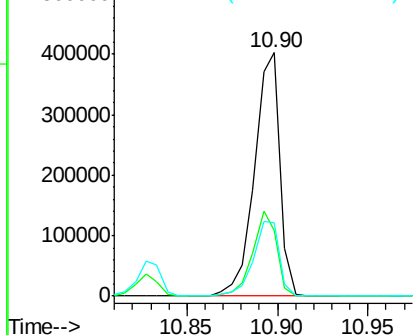


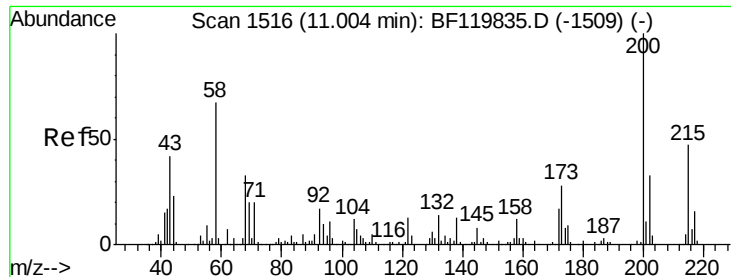
#68
Hexachlorobenzene
Concen: 53.770 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Tgt Ion:284 Resp: 391040
Ion Ratio Lower Upper
284 100
142 26.8 26.9 40.3#
249 30.1 24.6 37.0



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

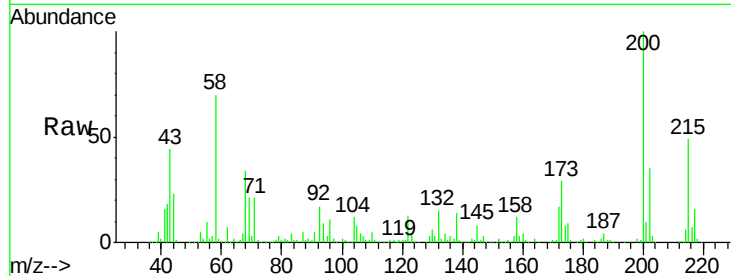




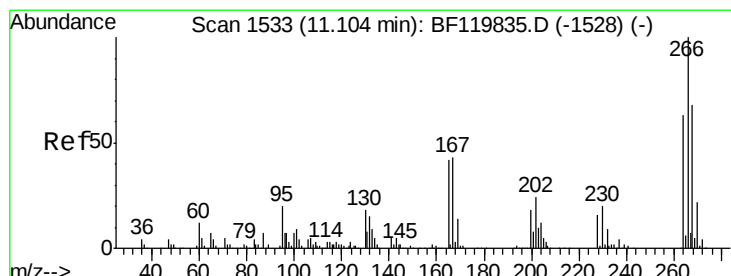
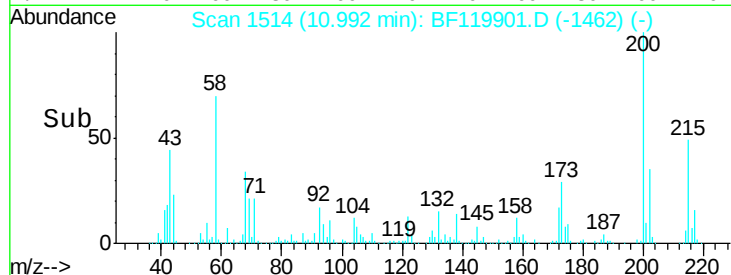
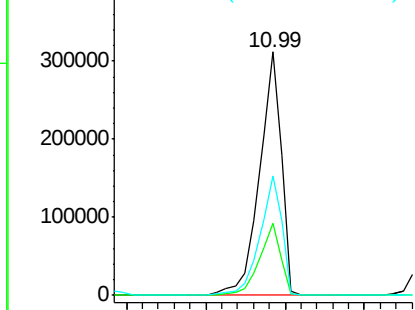
#69
Atrazine
Concen: 56.330 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.4	8.0	48.0
215	49.3	27.1	67.1

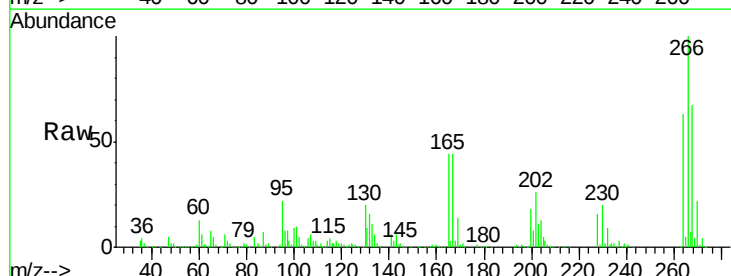


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

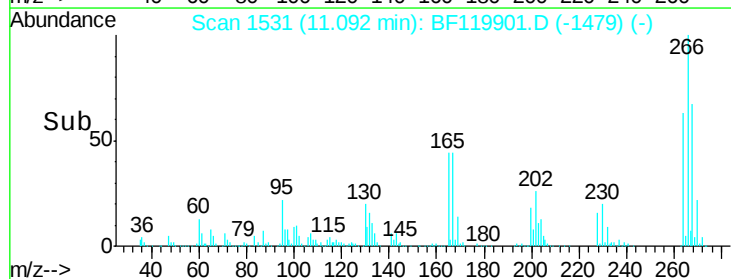
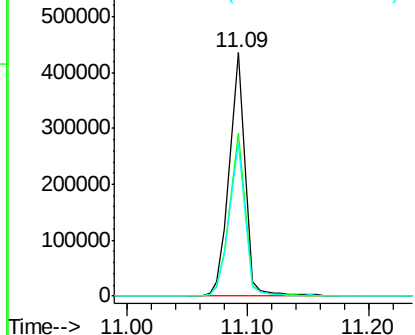


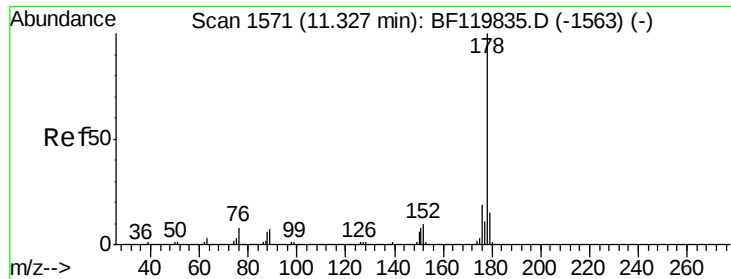
#70
Pentachlorophenol
Concen: 97.792 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.0	54.2	81.4
264	62.7	50.6	76.0



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

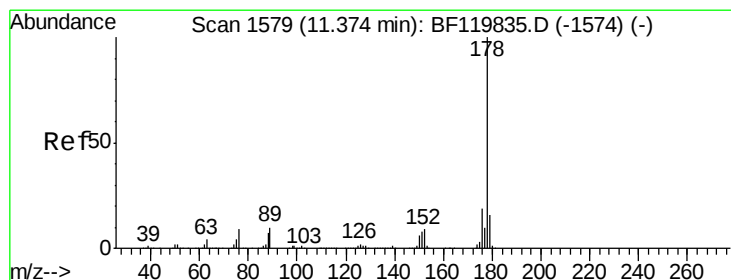
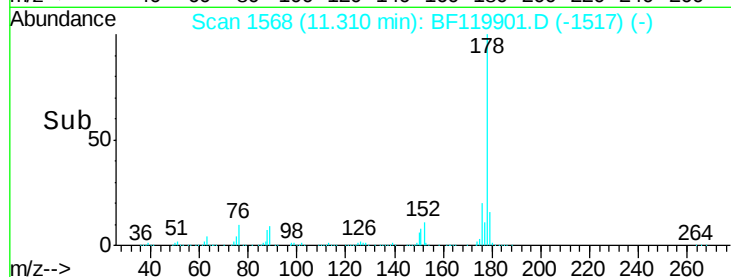
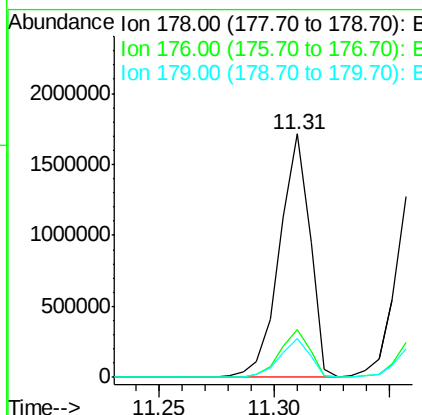
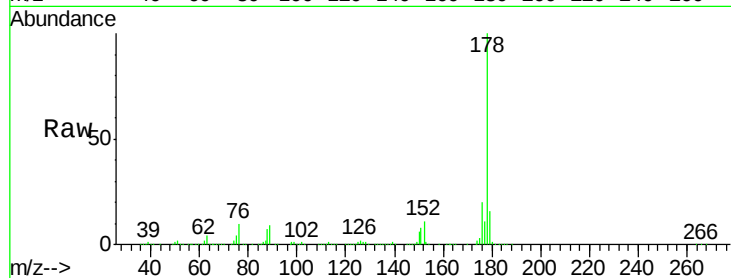




#71
Phenanthrene
Concen: 51.006 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

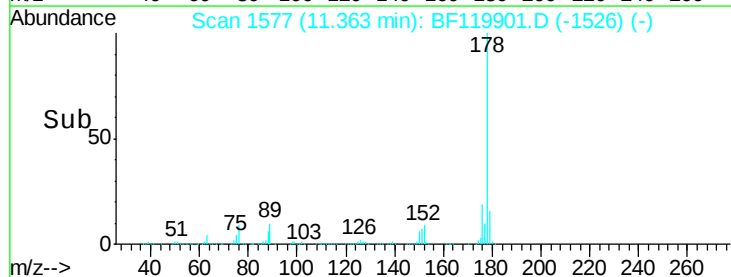
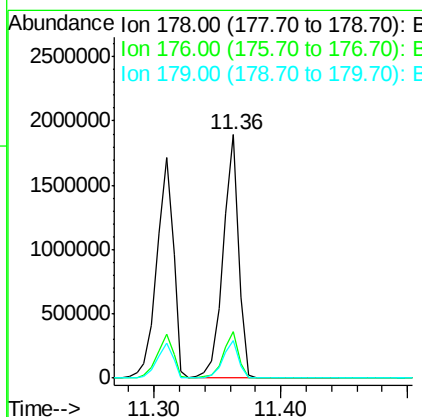
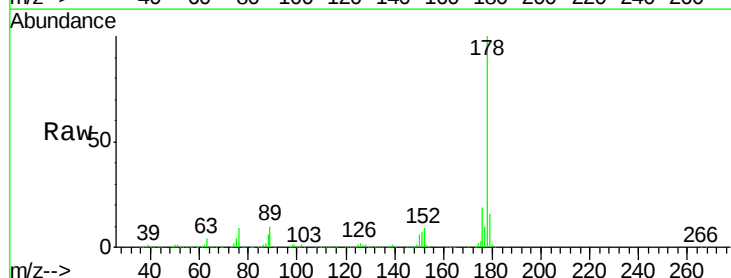
Instrument :
BNA_F
ClientSampleId :

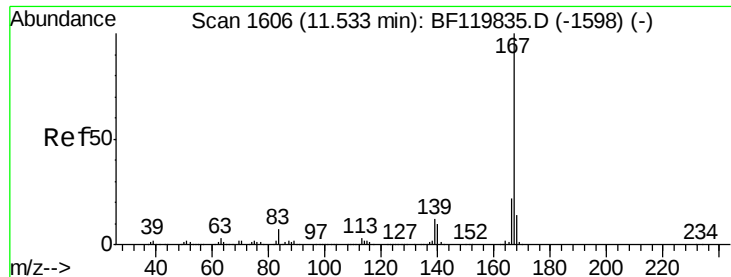
Tot Ion:178 Resp: 1564843
Ion Ratio Lower Upper
178 100
176 19.8 15.1 22.7
179 16.1 12.2 18.4



#72
Anthracene
Concen: 51.546 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Tgt Ion:178 Resp: 1615510
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.6 12.8 19.2

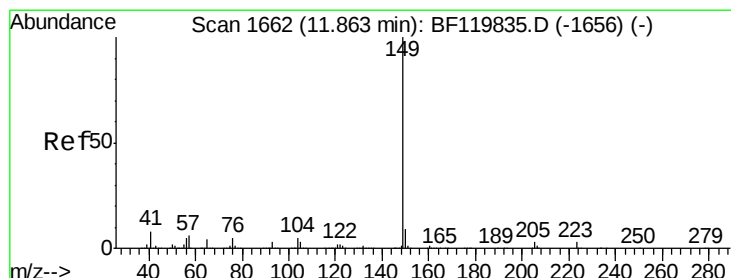
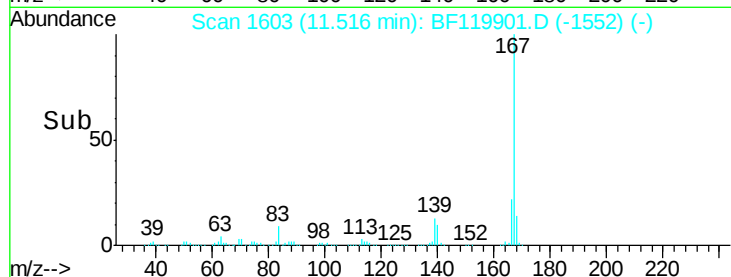
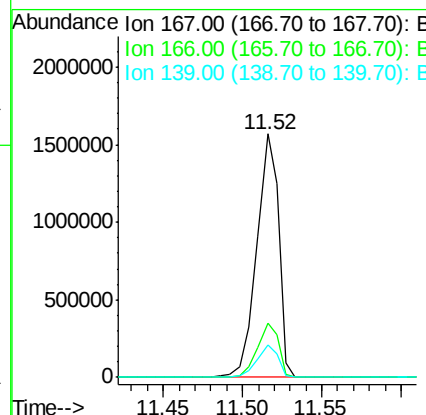
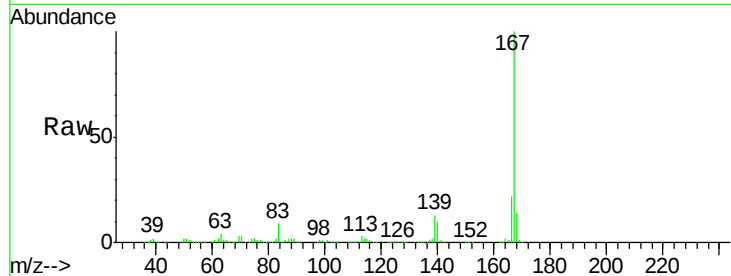




#73
 Carbazole
 Concen: 50.795 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BF119901.D
 Acq: 10 Apr 2020 18:12

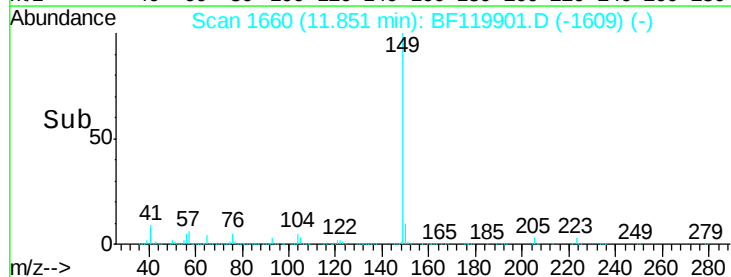
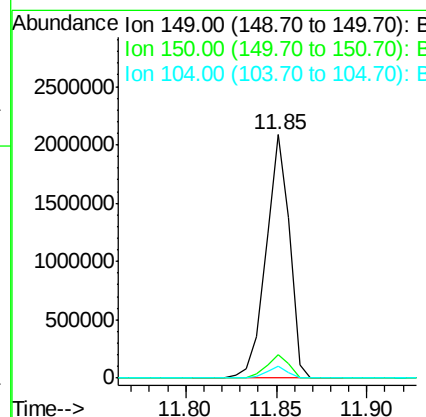
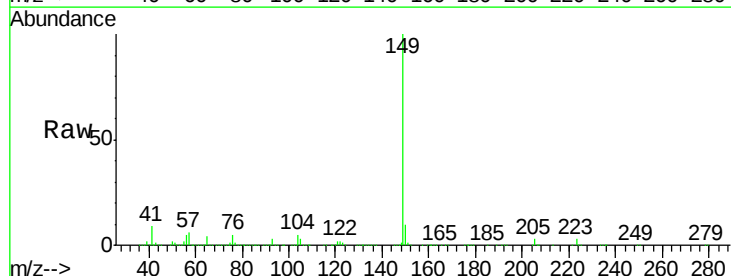
Instrument :
 BNA_F
 ClientSampleId :

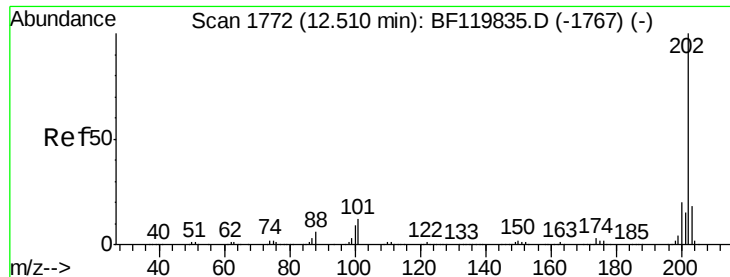
Tot Ion:167 Resp: 1505480
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 13.1 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 47.856 ng
 RT: 11.85 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BF119901.D
 Acq: 10 Apr 2020 18:12

Tgt Ion:149 Resp: 1864600
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 4.9 3.8 5.6





#75

Fluoranthene

Concen: 51.734 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

Instrument :

BNA_F

ClientSampleId :

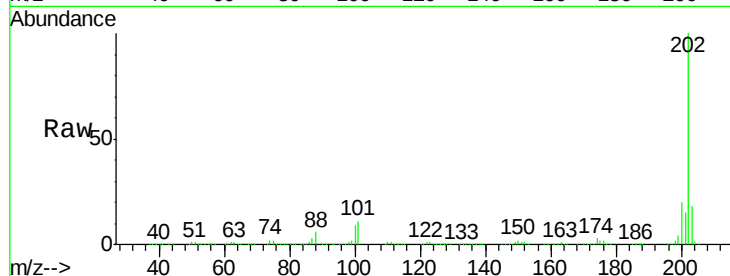
Tot Ion:202 Resp: 1712552

Ion Ratio Lower Upper

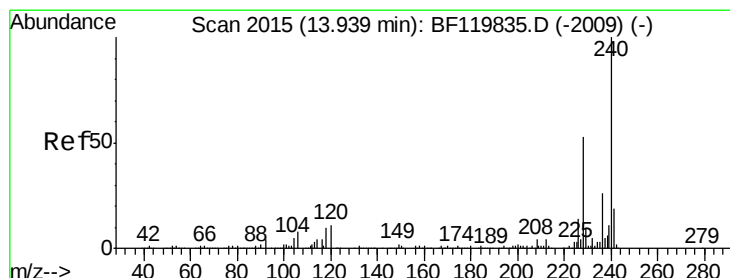
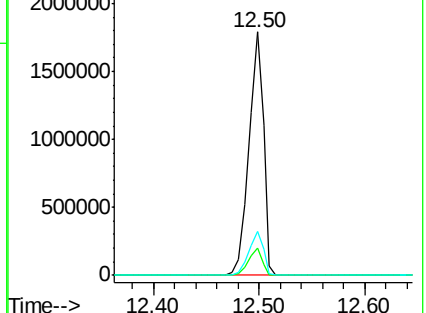
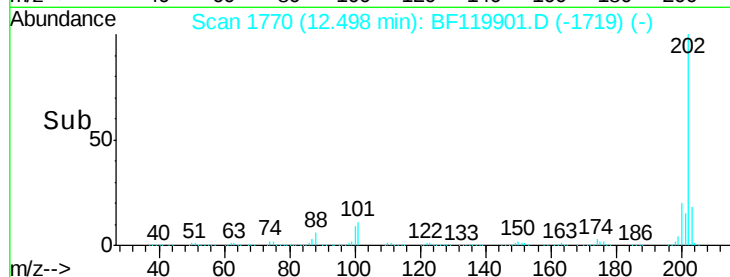
202 100

101 11.3 0.0 32.3

203 18.1 0.0 37.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

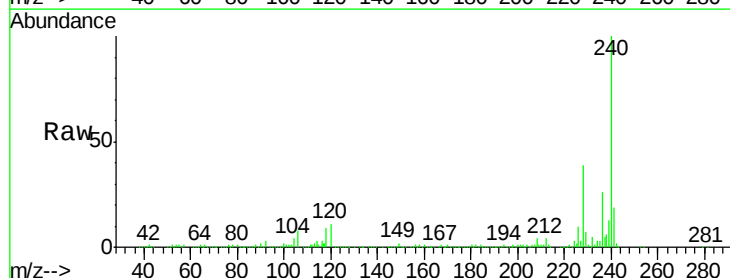
Tgt Ion:240 Resp: 386285

Ion Ratio Lower Upper

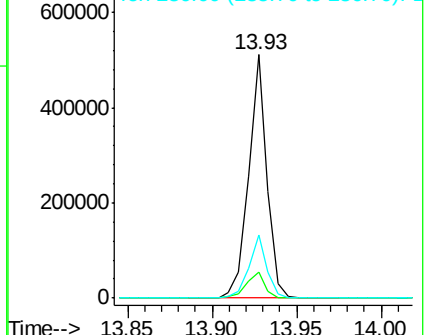
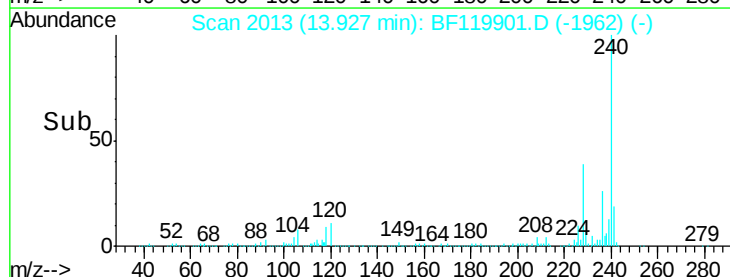
240 100

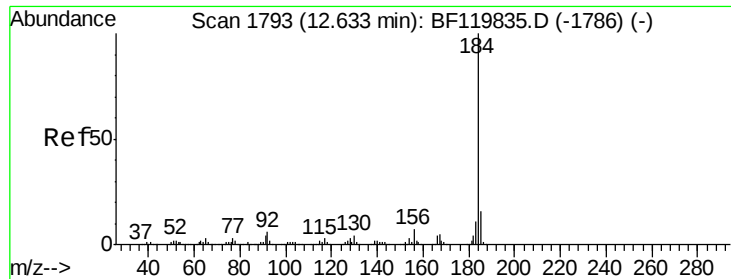
120 10.6 9.0 13.6

236 25.7 20.7 31.1



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

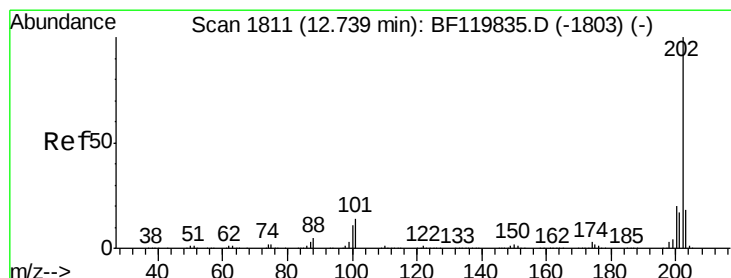
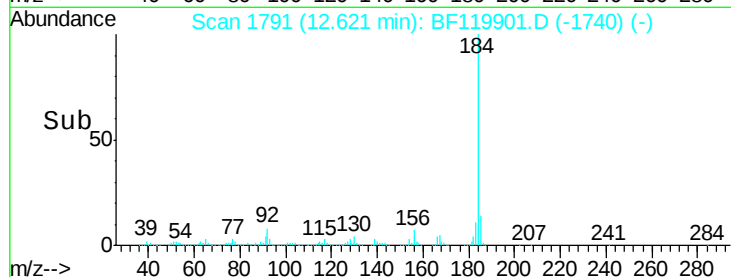
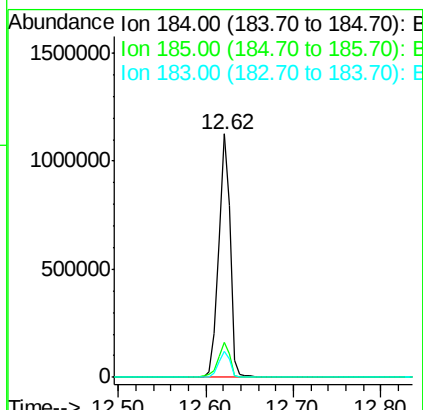
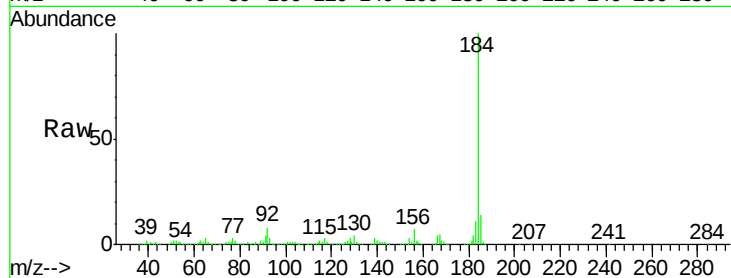




#77
Benzidine
Concen: 78.916 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

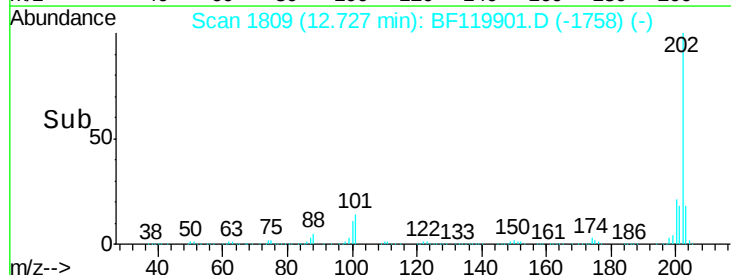
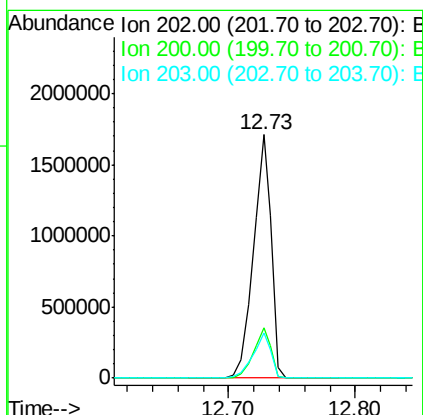
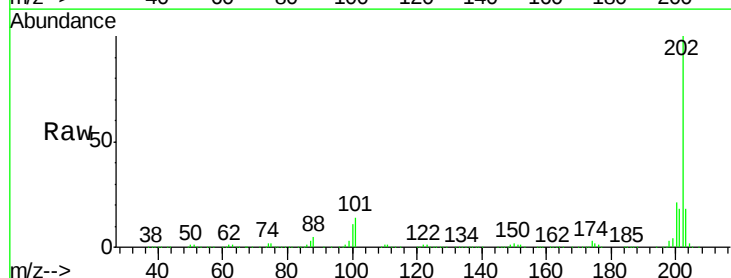
Instrument :
BNA_F
ClientSampleId :

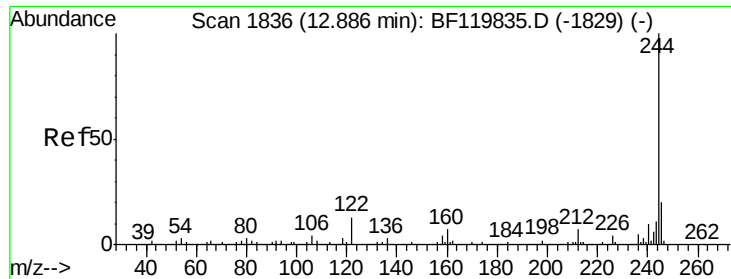
Tot Ion:184 Resp: 1030443
Ion Ratio Lower Upper
184 100
185 14.4 13.2 19.8
183 10.7 9.1 13.7



#78
Pyrene
Concen: 51.435 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.00 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Tgt Ion:202 Resp: 1674948
Ion Ratio Lower Upper
202 100
200 20.8 16.2 24.2
203 18.3 14.1 21.1

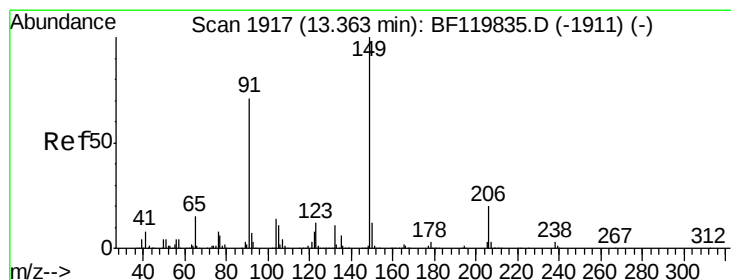
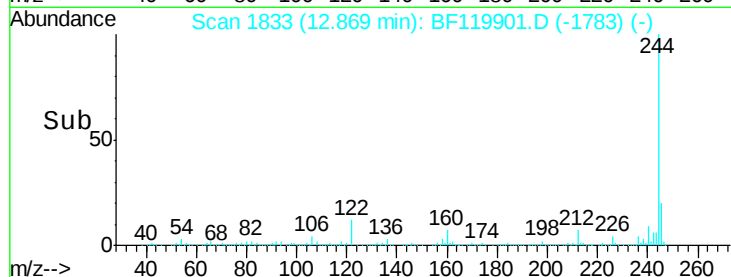
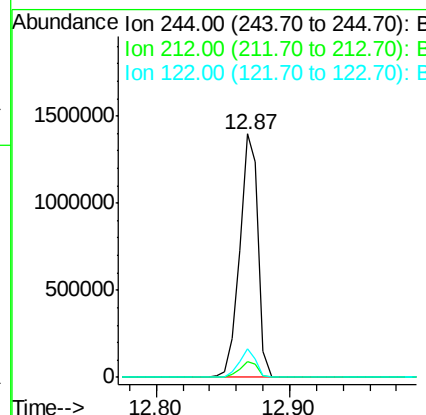
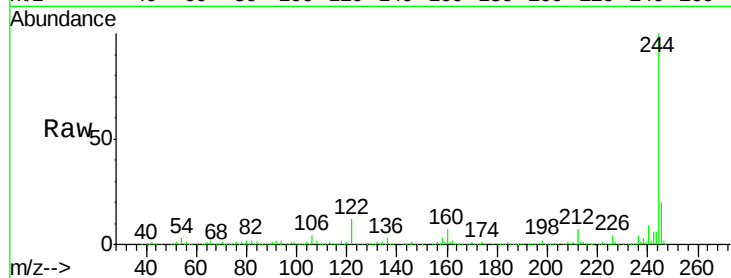




#79
 Terphenyl-d14
 Concen: 58.476 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF119901.D
 Acq: 10 Apr 2020 18:12

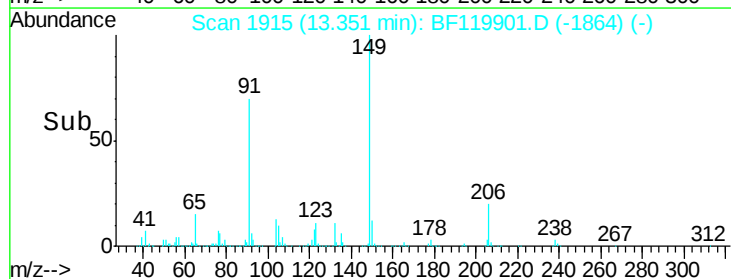
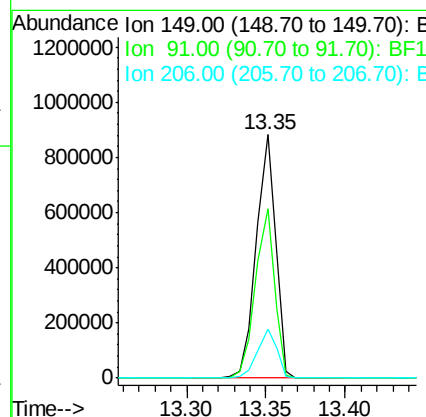
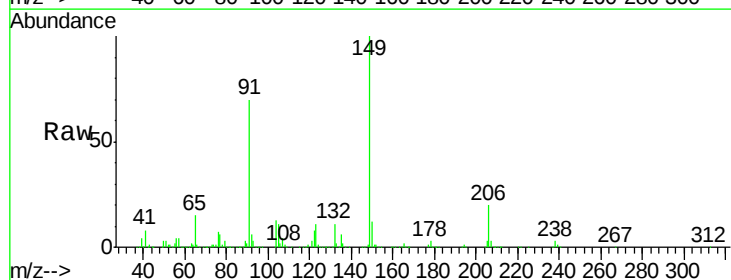
Instrument :
 BNA_F
 ClientSampleId :

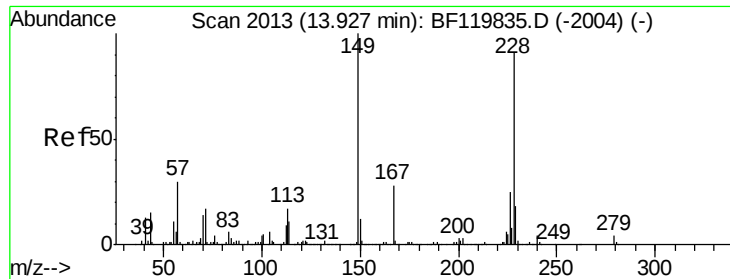
Tot Ion:244 Resp: 1342429
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 11.8 10.3 15.5



#80
 Butylbenzylphthalate
 Concen: 47.556 ng
 RT: 13.35 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: BF119901.D
 Acq: 10 Apr 2020 18:12

Tgt Ion:149 Resp: 751447
 Ion Ratio Lower Upper
 149 100
 91 69.7 56.7 85.1
 206 20.2 15.7 23.5

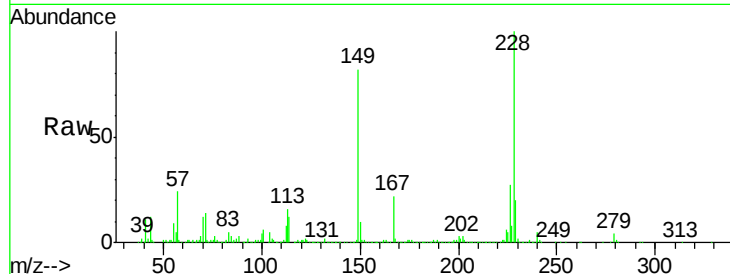




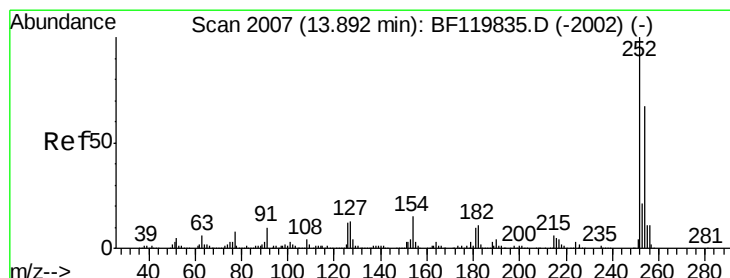
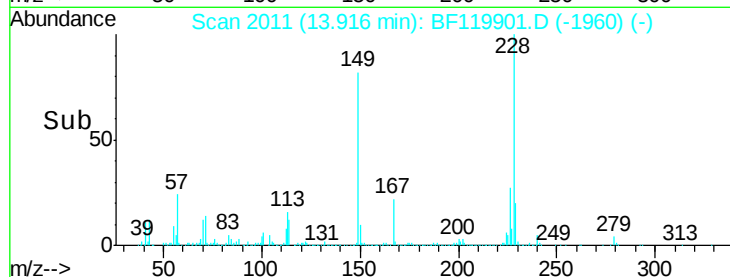
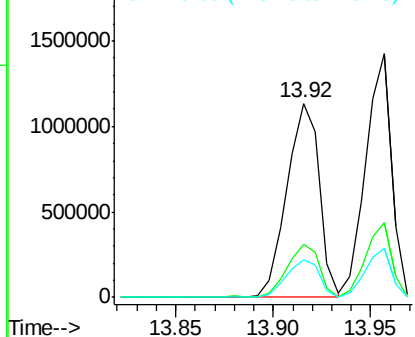
#81
Benzo(a)anthracene
Concen: 51.203 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1301174
Ion Ratio Lower Upper
228 100
226 27.5 21.9 32.9
229 19.7 15.9 23.9

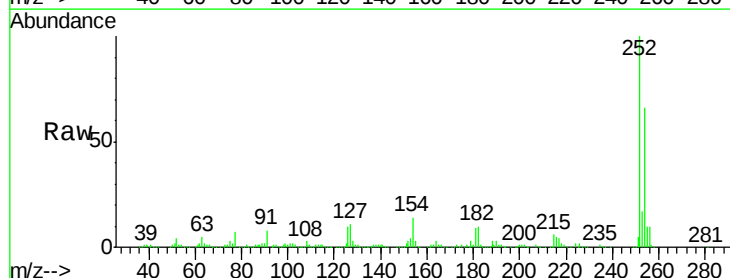


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

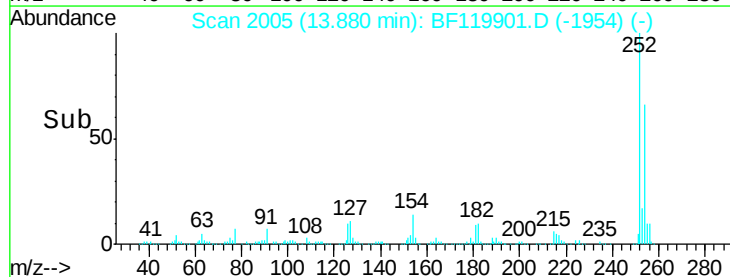
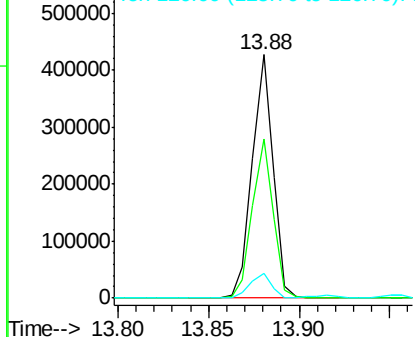


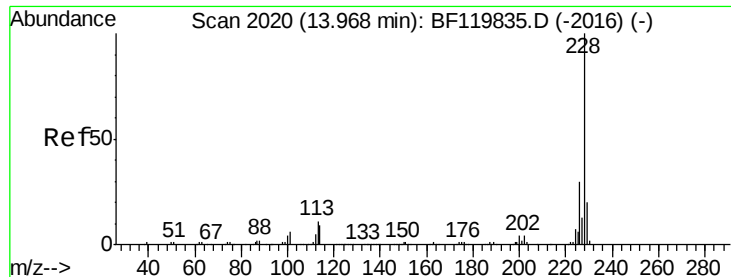
#82
3,3'-Dichlorobenzidine
Concen: 36.136 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Tgt Ion:252 Resp: 342642
Ion Ratio Lower Upper
252 100
254 65.6 53.9 80.9
126 10.0 9.7 14.5



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: 50.879 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

Instrument :

BNA_F

ClientSampleId :

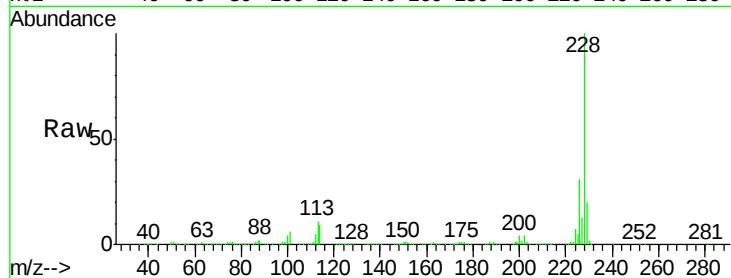
Tot Ion:228 Resp: 1313752

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.2

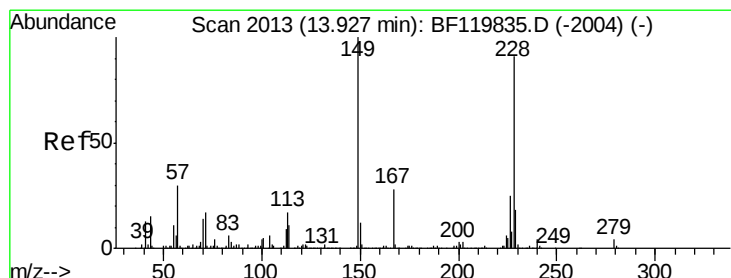
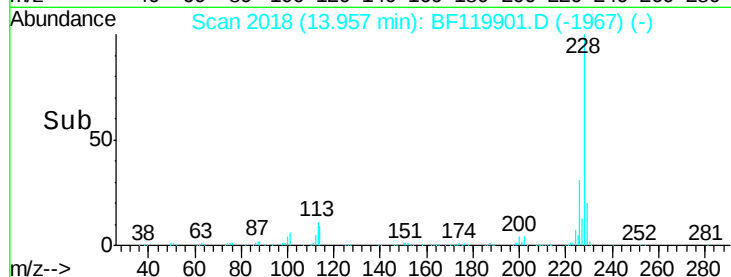
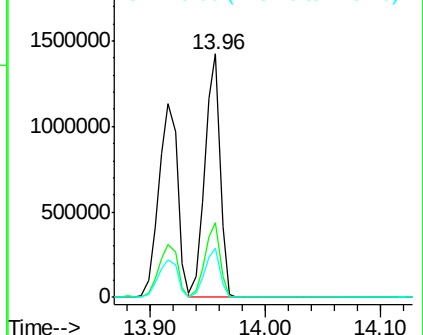
229 20.2 15.9 23.9



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: 44.650 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

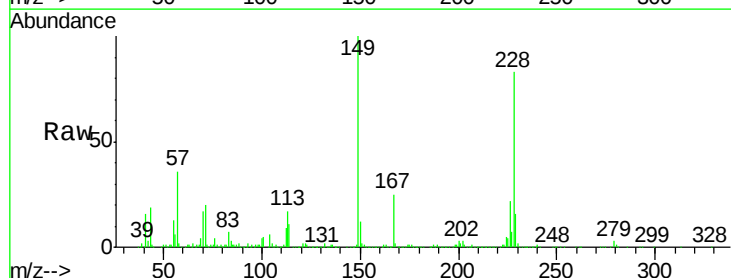
Tgt Ion:149 Resp: 955433

Ion Ratio Lower Upper

149 100

167 25.4 22.2 33.2

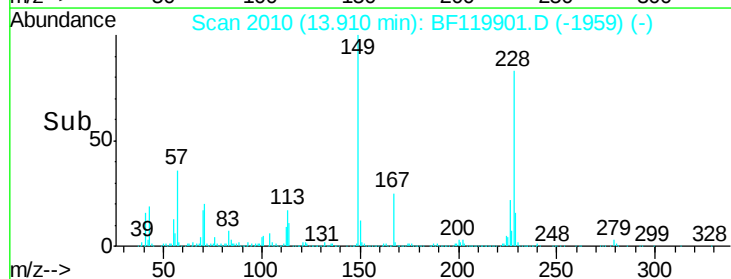
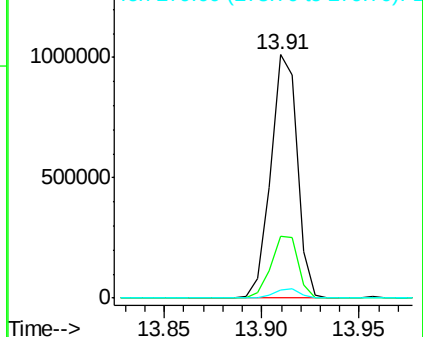
279 3.5 3.4 5.0

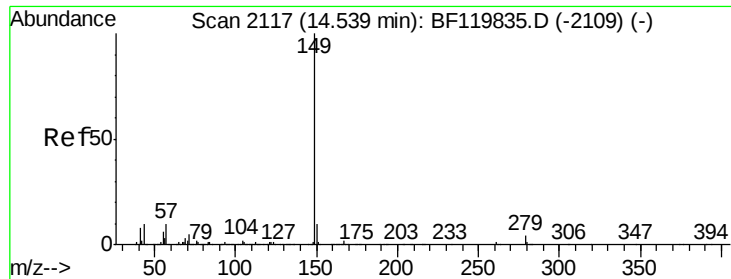


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.331 ng

RT: 14.53 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

Instrument :

BNA_F

ClientSampleId :

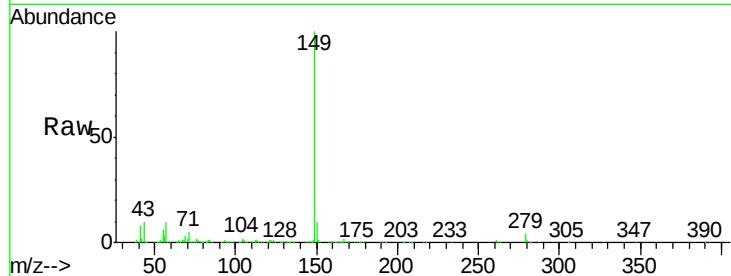
Tot Ion:149 Resp: 1542315

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

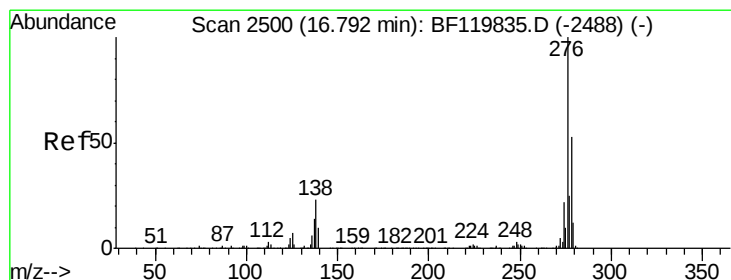
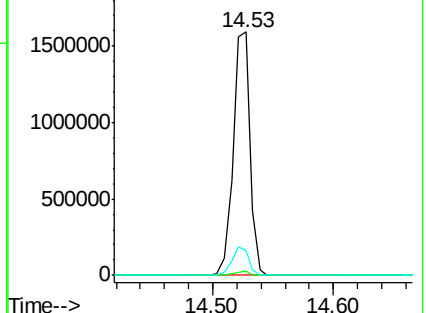
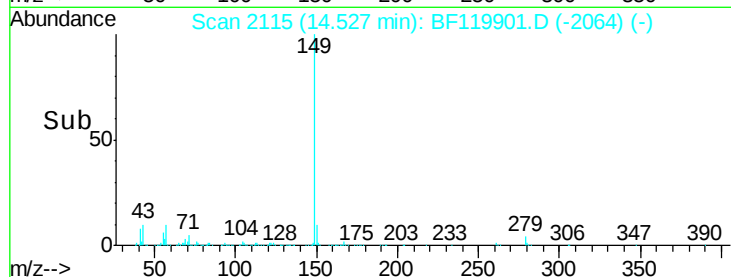
43 11.3 9.2 13.8



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: 50.428 ng

RT: 16.77 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

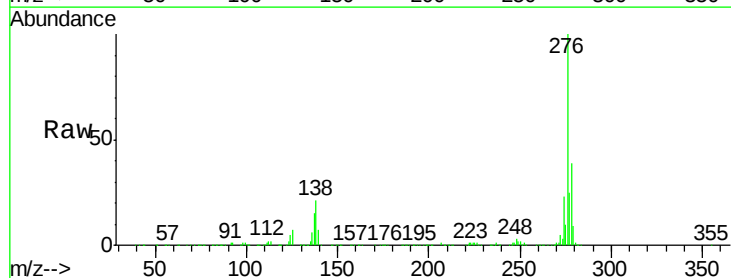
Tgt Ion:276 Resp: 1147805

Ion Ratio Lower Upper

276 100

138 22.7 18.0 27.0

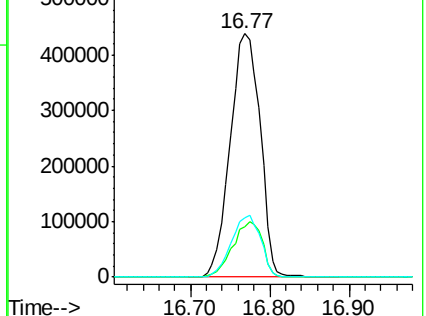
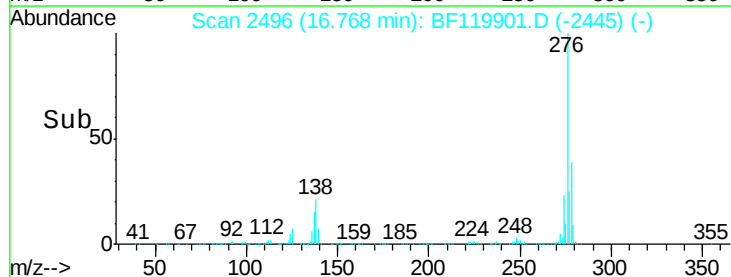
277 24.9 20.1 30.1

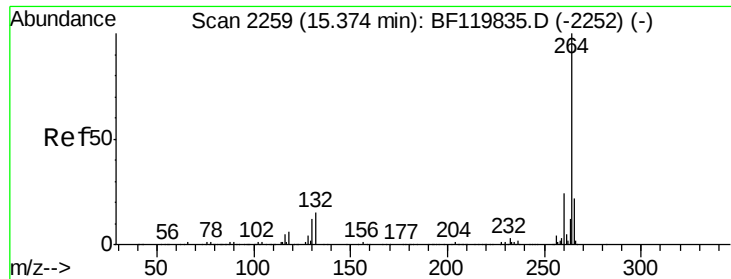


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



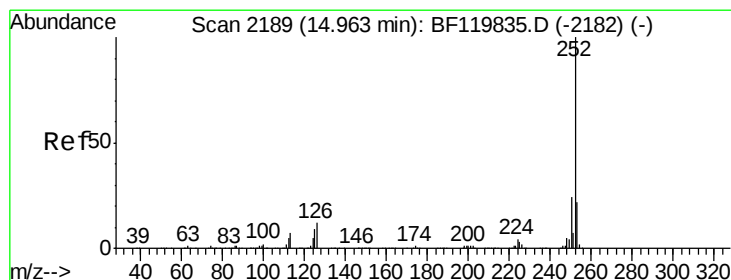
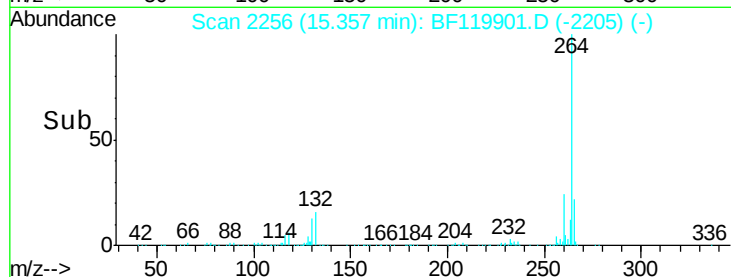
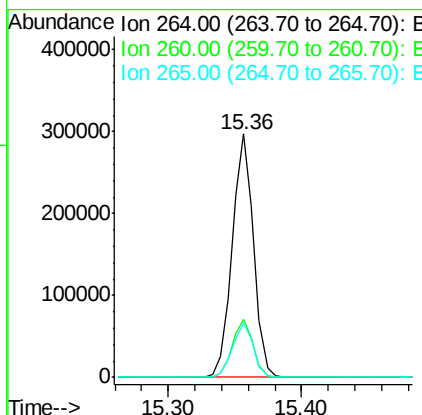
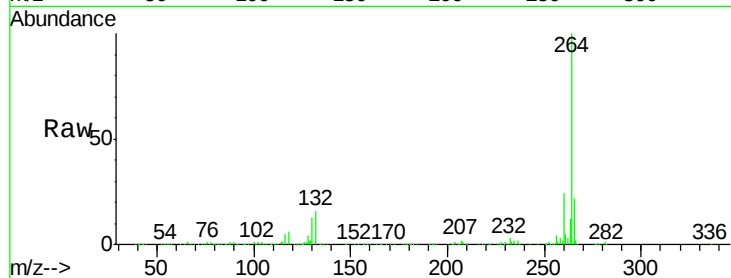


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 332437

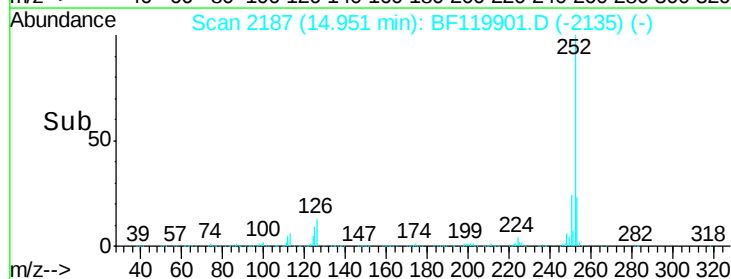
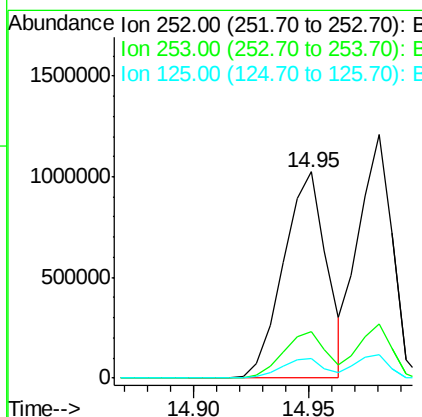
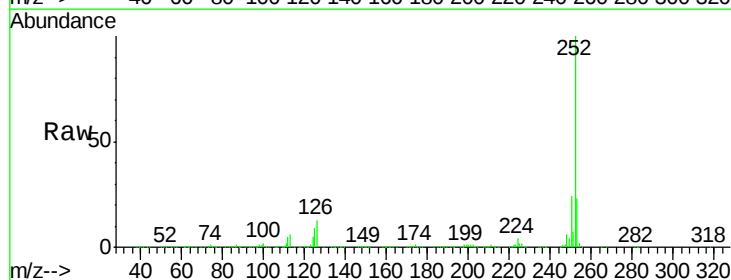
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	22.1	17.6	26.4

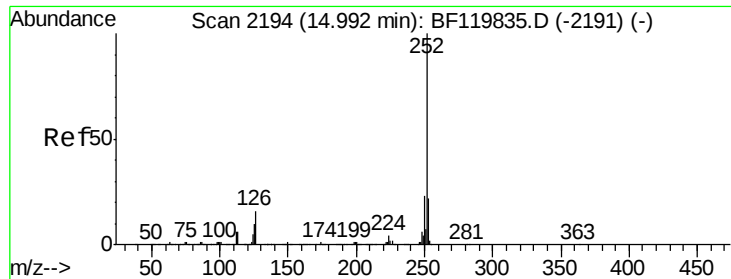


#88
Benzo(b)fluoranthene
Concen: 55.593 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF119901.D
Acq: 10 Apr 2020 18:12

Tgt Ion:252 Resp: 1329491

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	9.2	7.4	11.2





#89

Benzo(k)fluoranthene

Concen: 59.375 ng

RT: 14.98 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

Instrument :

BNA_F

ClientSampleId :

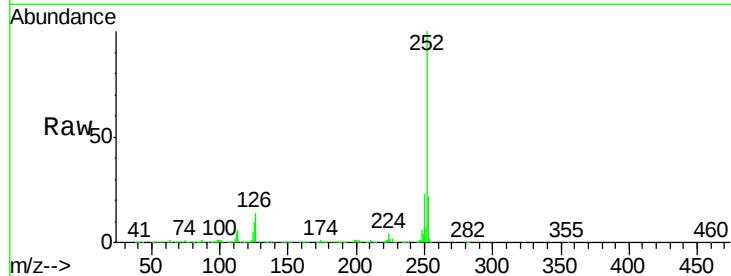
Tot Ion:252 Resp: 1225150

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

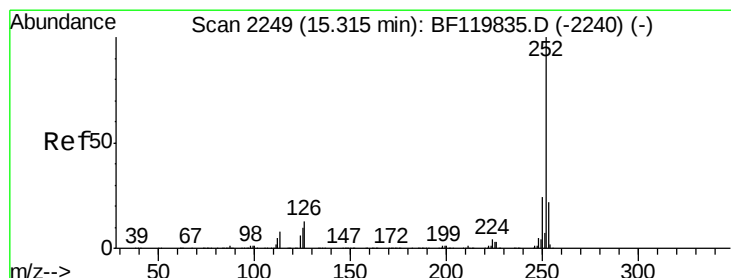
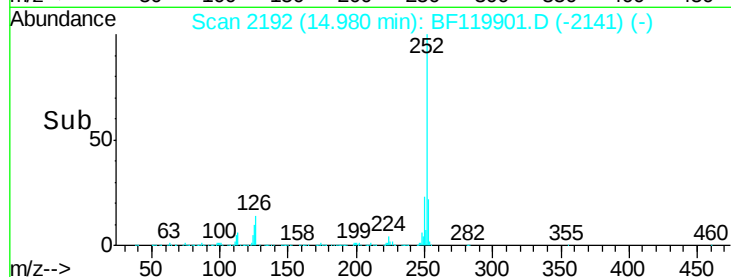
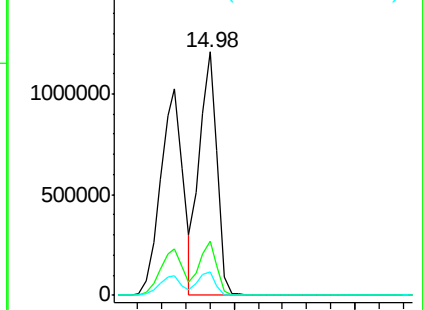
125 9.8 7.7 11.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 52.241 ng

RT: 15.30 min Scan# 2247

Delta R.T. 0.01 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

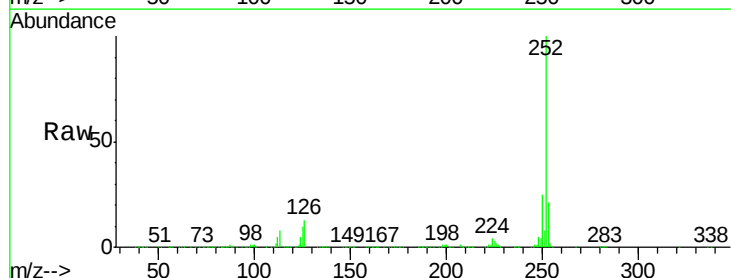
Tgt Ion:252 Resp: 1050430

Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

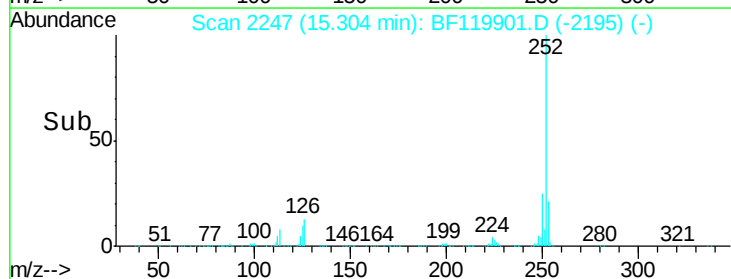
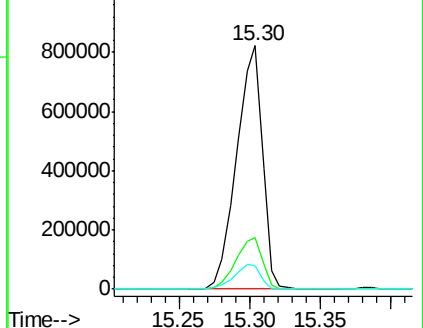
125 9.7 8.3 12.5

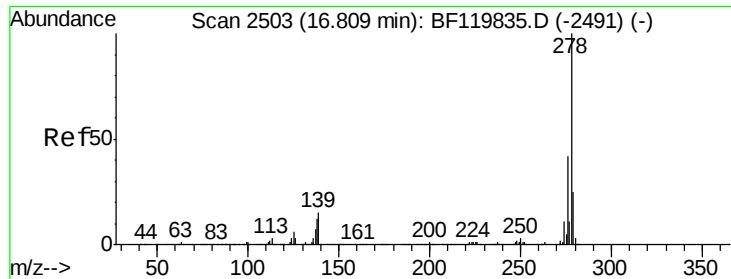


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 52.904 ng

RT: 16.79 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

Instrument :

BNA_F

ClientSampled :

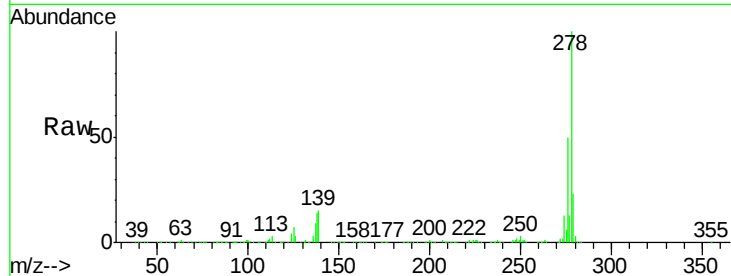
Tot Ion:278 Resp: 942267

Ion Ratio Lower Upper

278 100

139 14.5 11.6 17.4

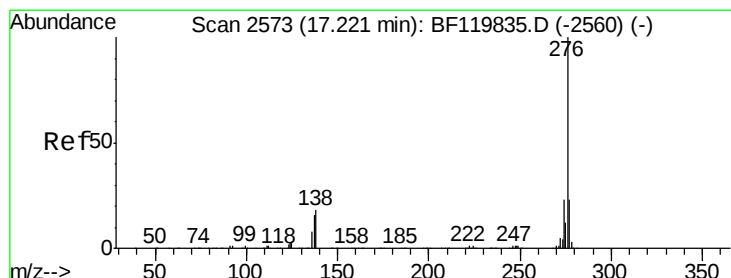
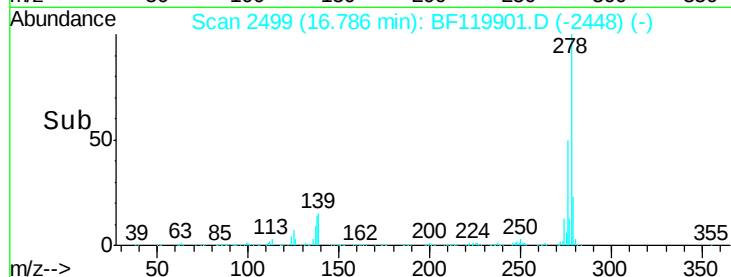
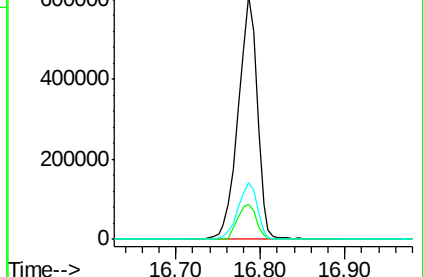
279 23.3 19.7 29.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 59.177 ng

RT: 17.20 min Scan# 2569

Delta R.T. 0.01 min

Lab File: BF119901.D

Acq: 10 Apr 2020 18:12

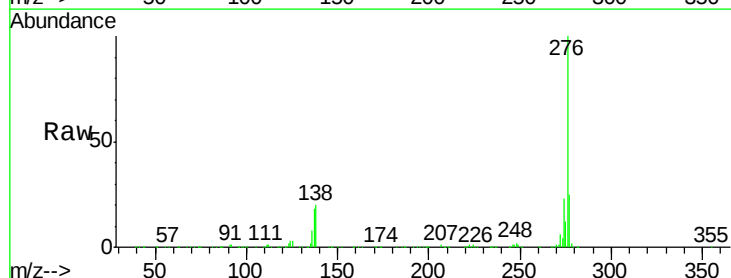
Tgt Ion:276 Resp: 1040406

Ion Ratio Lower Upper

276 100

277 24.8 18.5 27.7

138 20.0 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

