

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119337.D
 Acq On : 11 Mar 2020 6:29
 Operator : CG/JU
 Sample : L1826-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 07:44:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	118037	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	437625	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	216915	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	326055	20.00	ng	0.00
76) Chrysene-d12	13.89	240	245550	20.00	ng	0.00
87) Perylene-d12	15.32	264	210493	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	881143	124.75	ng	0.03
7) Phenol-d6	6.39	99	963443	112.16	ng	0.01
23) Nitrobenzene-d5	7.30	82	744443	89.82	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	302719	106.68	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1376281	93.47	ng	0.00
79) Terphenyl-d14	12.83	244	1244680	87.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	116755	37.127	ng	# 87
3) Pyridine	3.34	79	145909	16.989	ng	97
4) n-Nitrosodimethylamine	3.22	42	122314	47.014	ng	98
6) Aniline	6.40	93	88141	8.316	ng	# 1
8) 2-Chlorophenol	6.53	128	372193	48.829	ng	98
9) Benzaldehyde	6.28	77	236617	41.229	ng	99
10) Phenol	6.40	94	365208	39.323	ng	82
11) bis(2-Chloroethyl)ether	6.46	93	349168	49.136	ng	98
12) 1,3-Dichlorobenzene	6.67	146	406171	44.458	ng	98
13) 1,4-Dichlorobenzene	6.75	146	413160	45.192	ng	98
14) 1,2-Dichlorobenzene	6.90	146	374782	44.950	ng	99
15) Benzyl Alcohol	6.89	79	308624	49.711	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	277873	45.141	ng	# 41
17) 2-Methylphenol	7.01	107	285784	46.244	ng	93
18) Hexachloroethane	7.23	117	131297	40.142	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	260952	52.134	ng	96
20) 3+4-Methylphenols	7.17	107	386353	51.029	ng	# 84
22) Acetophenone	7.15	105	510478	50.415	ng	# 94
24) Nitrobenzene	7.32	77	386606	47.168	ng	97
25) Isophorone	7.56	82	694955	48.280	ng	99
26) 2-Nitrophenol	7.63	139	184466	42.476	ng	97
27) 2,4-Dimethylphenol	7.68	122	304830	51.719	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	423271	45.177	ng	98
29) 2,4-Dichlorophenol	7.89	162	313450	45.175	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	349429	42.475	ng	99
31) Naphthalene	8.03	128	1051062	46.310	ng	99
32) Benzoic acid	7.85	122	119295	30.559	ng	99
33) 4-Chloroaniline	8.10	127	71075	7.281	ng	99
34) Hexachlorobutadiene	8.15	225	218910	42.719	ng	99
35) Caprolactam	8.47	113	69973	32.751	ng	99
36) 4-Chloro-3-methylphenol	8.59	107	316073	45.011	ng	99
37) 2-Methylnaphthalene	8.72	142	696326	45.590	ng	98
38) 1-Methylnaphthalene	8.82	142	647468	45.075	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	344181	47.061	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119337.D
 Acq On : 11 Mar 2020 6:29
 Operator : CG/JU
 Sample : L1826-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 07:44:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	9467	12.533	ng	98
43) 2,4,6-Trichlorophenol	9.02	196	208504	45.146	ng	99
44) 2,4,5-Trichlorophenol	9.07	196	202253	41.733	ng	100
46) 1,1'-Biphenyl	9.19	154	823123	46.952	ng	98
47) 2-Chloronaphthalene	9.21	162	639969	45.300	ng	99
48) 2-Nitroaniline	9.32	65	186247	47.266	ng	93
49) Acenaphthylene	9.62	152	926020	45.384	ng	99
50) Dimethylphthalate	9.49	163	894274	53.914	ng	99
51) 2,6-Dinitrotoluene	9.56	165	158194	42.927	ng	# 80
52) Acenaphthene	9.80	154	554157	45.041	ng	99
53) 3-Nitroaniline	9.73	138	74319	18.191	ng	99
54) 2,4-Dinitrophenol	9.87	184	14201	14.663	ng	# 85
55) Dibenzofuran	9.97	168	805786	43.878	ng	99
56) 4-Nitrophenol	9.93	139	67544	27.517	ng	91
57) 2,4-Dinitrotoluene	9.97	165	181833	38.067	ng	# 84
58) Fluorene	10.31	166	629169	44.091	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	166259	40.657	ng	98
60) Diethylphthalate	10.19	149	761174	48.695	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	344508	45.610	ng	98
62) 4-Nitroaniline	10.35	138	132102	31.604	ng	93
63) Azobenzene	10.46	77	618362	45.512	ng	95
65) 4,6-Dinitro-2-methylphenol	10.39	198	17352	8.795	ng	94
66) n-Nitrosodiphenylamine	10.42	169	564606	52.884	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	211033	49.516	ng	96
68) Hexachlorobenzene	10.87	284	226146	46.023	ng	94
69) Atrazine	10.95	200	182315	48.876	ng	98
70) Pentachlorophenol	11.07	266	151630	76.604	ng	99
71) Phenanthrene	11.27	178	821086	46.177	ng	99
72) Anthracene	11.32	178	852063	47.959	ng	98
73) Carbazole	11.48	167	722058	45.619	ng	98
74) Di-n-butylphthalate	11.80	149	1068011	55.719	ng	98
75) Fluoranthene	12.46	202	854594	45.278	ng	97
77) Benzidine	12.58	184	166474	16.670	ng	97
78) Pyrene	12.69	202	855235	43.375	ng	98
80) Butylbenzylphthalate	13.30	149	390984	47.115	ng	97
81) Benzo(a)anthracene	13.88	228	813297	48.610	ng	98
82) 3,3'-Dichlorobenzidine	13.83	252	249787	38.448	ng	# 99
83) Chrysene	13.92	228	764101	45.834	ng	97
84) Bis(2-ethylhexyl)phthalate	13.86	149	568037	54.182	ng	98
85) Di-n-octyl phthalate	14.46	149	949082	56.817	ng	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	576636	35.723	ng	100
88) Benzo(b)fluoranthene	14.91	252	728860	52.532	ng	99
89) Benzo(k)fluoranthene	14.94	252	605289	47.076	ng	99
90) Benzo(a)pyrene	15.26	252	562591	44.928	ng	99
91) Dibenzo(a,h)anthracene	16.73	278	492381	44.689	ng	99
92) Benzo(g,h,i)perylene	17.16	276	468825	43.065	ng	98

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

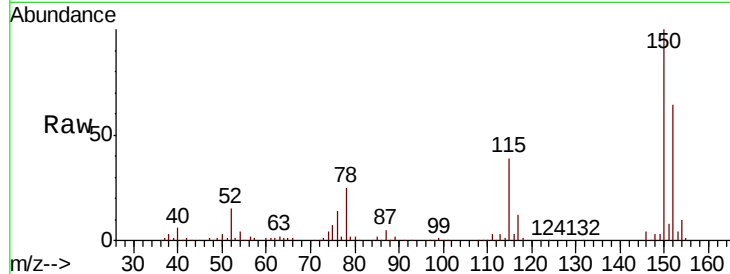


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.0	184.6
115	61.0	49.5	74.3

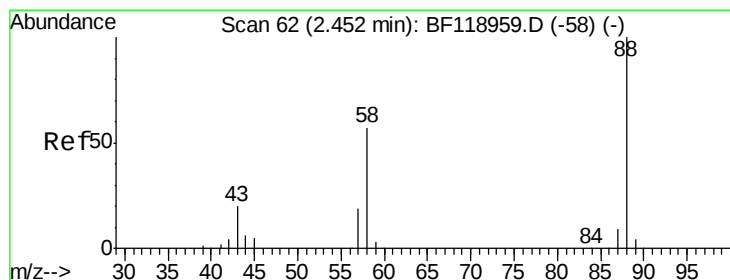
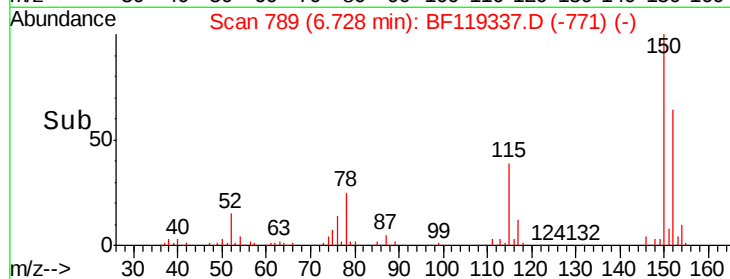
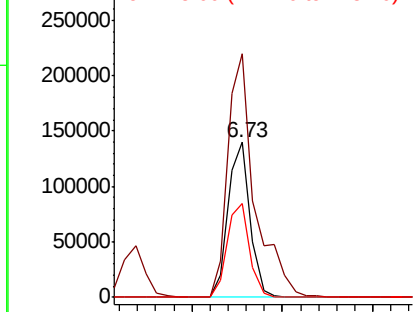


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

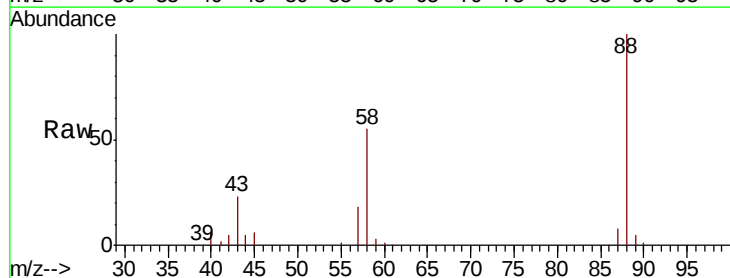
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.127 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.22 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.0	43.8	65.6
43	0.0	16.2	24.4

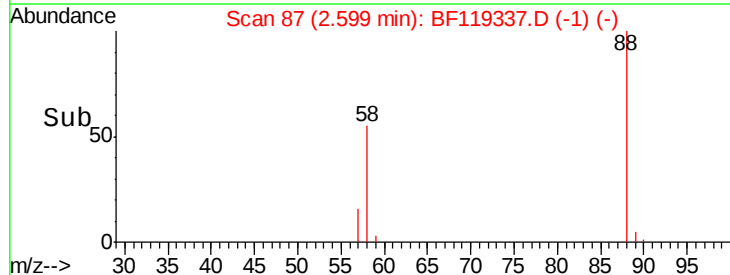
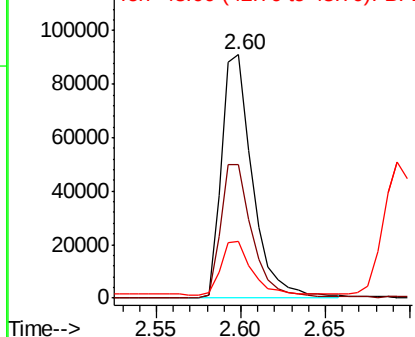


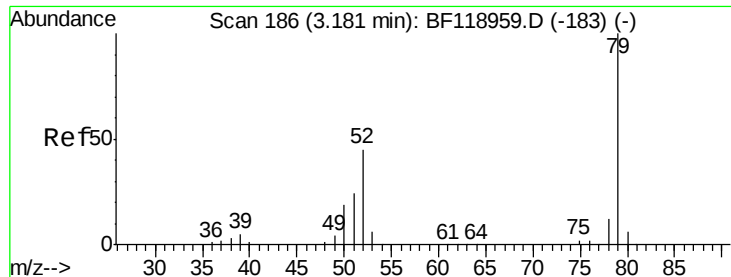
Abundance

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

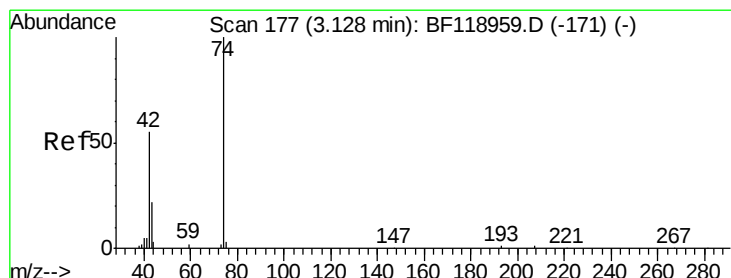
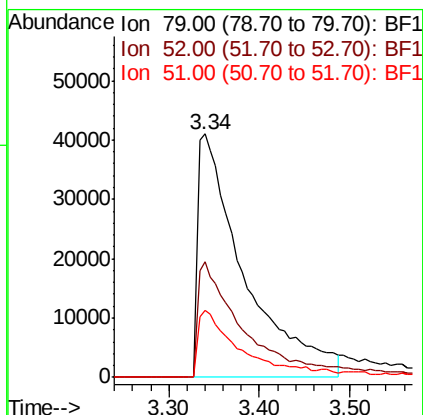
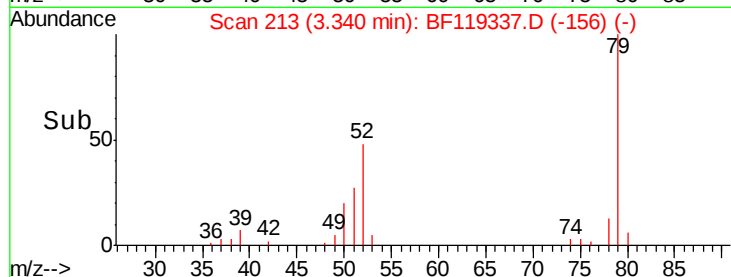
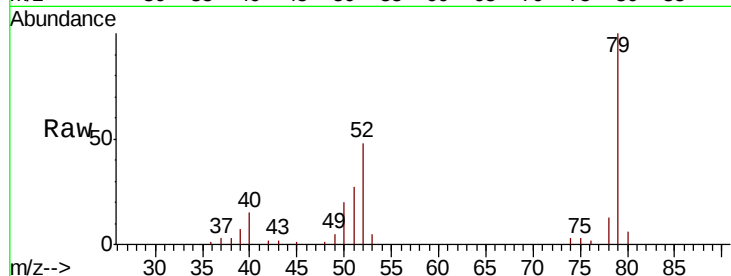




#3
 Pvridine
 Concen: 16.989 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.24 min
 Lab File: BF119337.D
 Acq: 11 Mar 2020 6:29

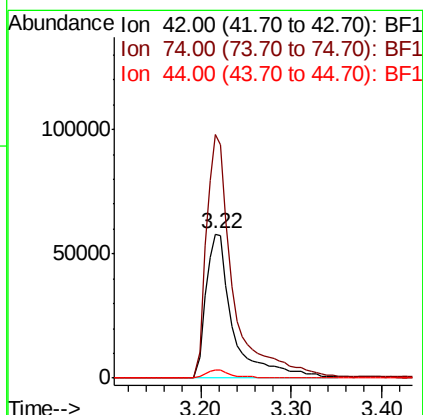
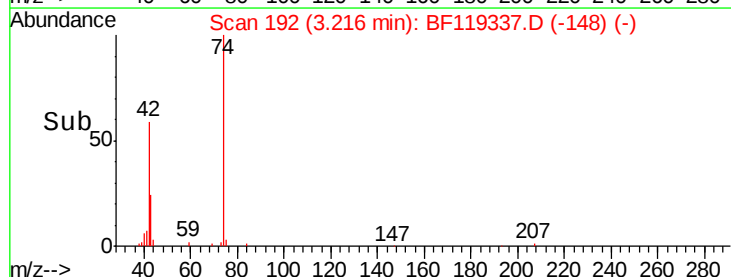
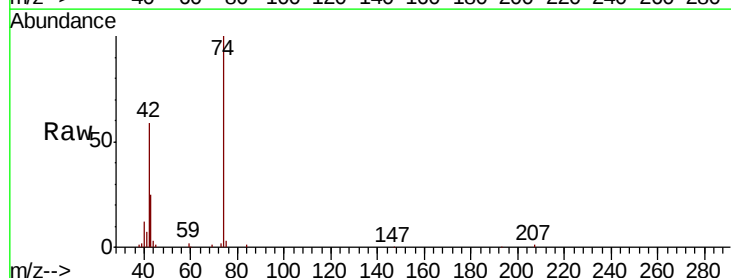
Instrument :
 BNA_F
 ClientSampled :

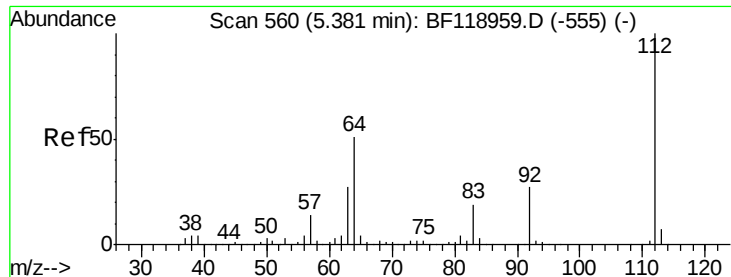
Tot Ion: 79 Resp: 145909
 Ion Ratio Lower Upper
 79 100
 52 47.6 37.4 56.0
 51 27.5 19.8 29.6



#4
 n-Nitrosodimethylamine
 Concen: 47.014 ng
 RT: 3.22 min Scan# 192
 Delta R.T. 0.16 min
 Lab File: BF119337.D
 Acq: 11 Mar 2020 6:29

Tgt Ion: 42 Resp: 122314
 Ion Ratio Lower Upper
 42 100
 74 168.9 137.7 206.5
 44 5.6 4.5 6.7

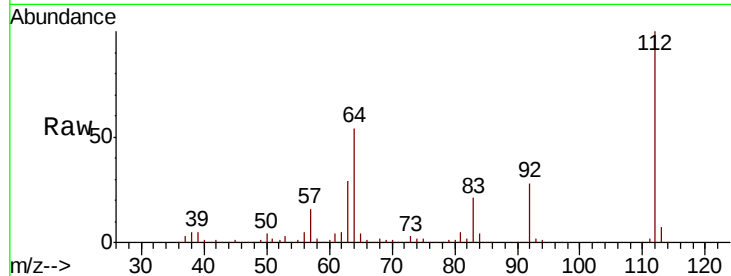




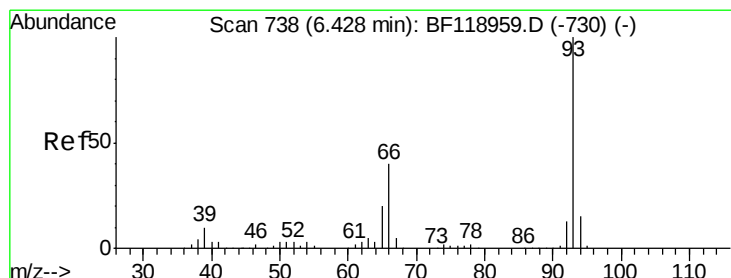
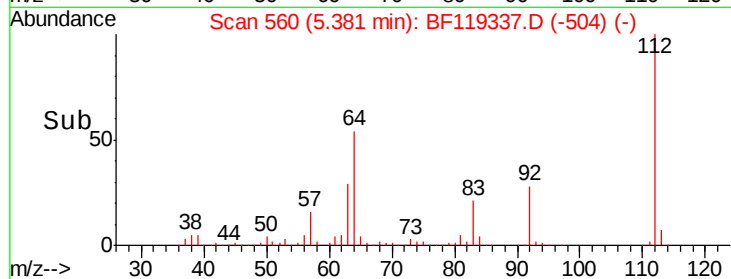
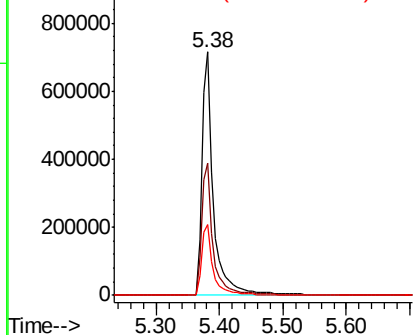
#5
 2-Fluorophenol
 Concen: 124.753 ng
 RT: 5.38 min Scan# 560
 Delta R.T. 0.03 min
 Lab File: BF119337.D
 Acq: 11 Mar 2020 6:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
112	100		
64	54.5	45.0	67.4
63	29.0	24.2	36.4

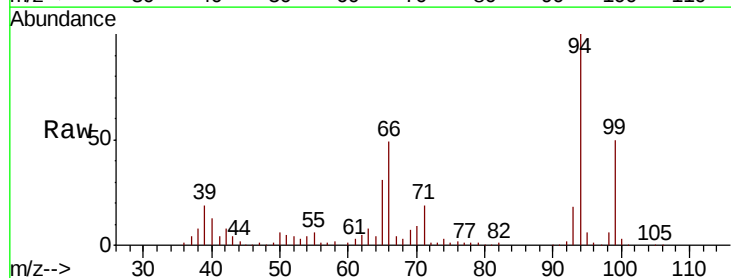


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

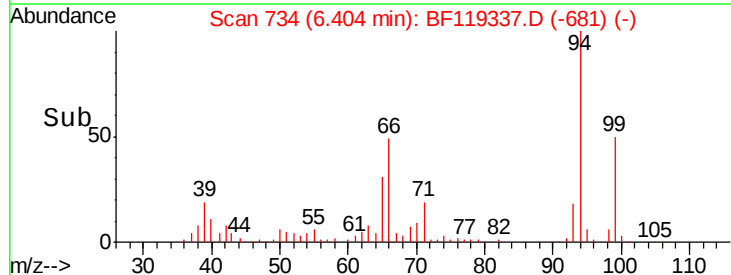
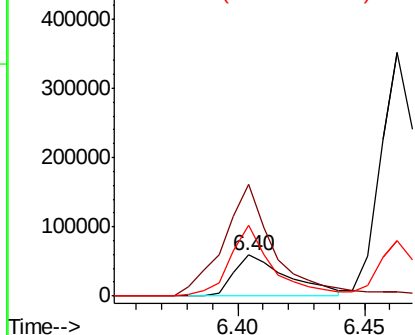


#6
 Aniline
 Concen: 8.316 ng
 RT: 6.40 min Scan# 734
 Delta R.T. 0.01 min
 Lab File: BF119337.D
 Acq: 11 Mar 2020 6:29

Tgt Ion	Ratio	Lower	Upper
93	100		
66	273.9	74.5	111.7#
65	172.4	45.3	67.9#



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: 112.158 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

Instrument :

BNA_F

ClientSampled :

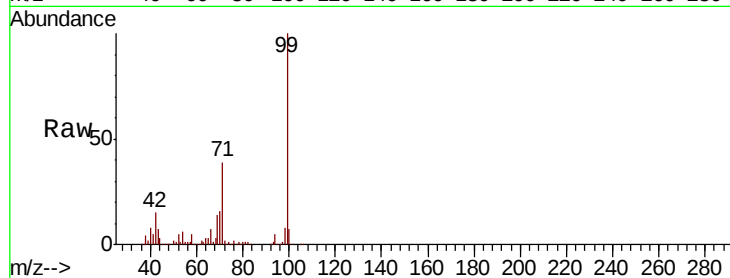
Tot Ion: 99 Resp: 963443

Ion Ratio Lower Upper

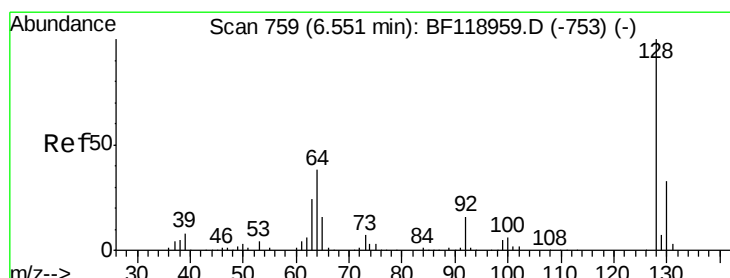
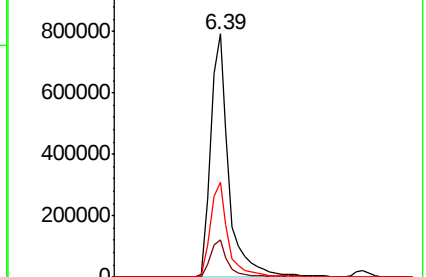
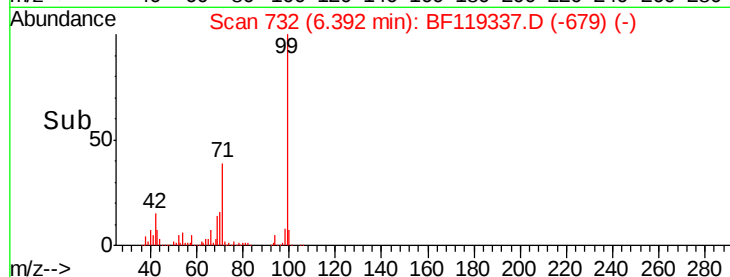
99 100

42 15.4 12.6 18.8

71 39.2 31.0 46.4



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: 48.829 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

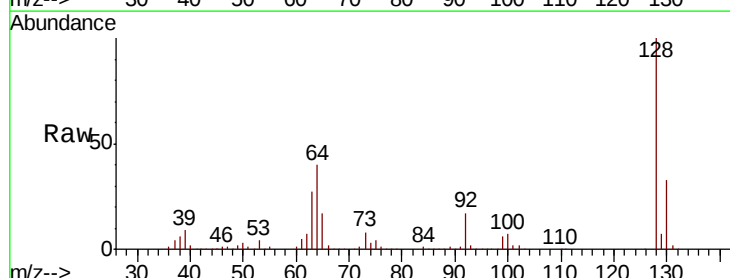
Tgt Ion: 128 Resp: 372193

Ion Ratio Lower Upper

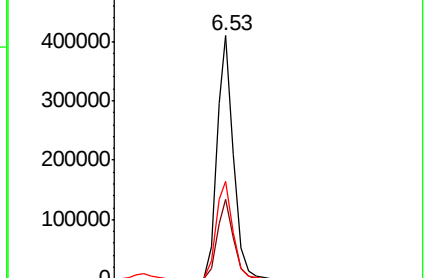
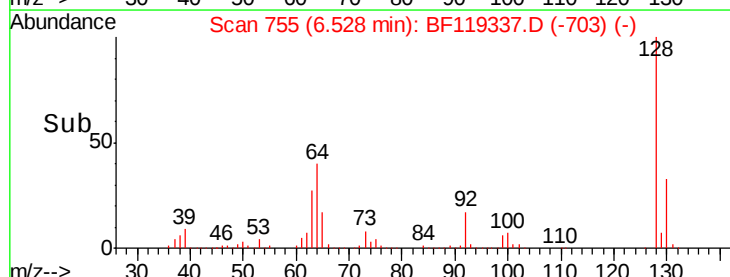
128 100

130 33.0 12.7 52.7

64 40.3 22.3 62.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.229 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

Instrument :

BNA_F

ClientSampled :

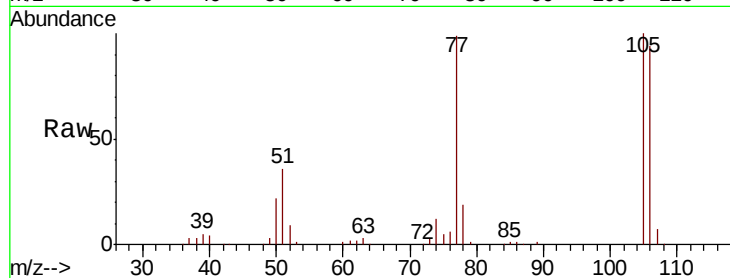
Tot Ion: 77 Resp: 236617

Ion Ratio Lower Upper

77 100

105 100.7 80.1 120.1

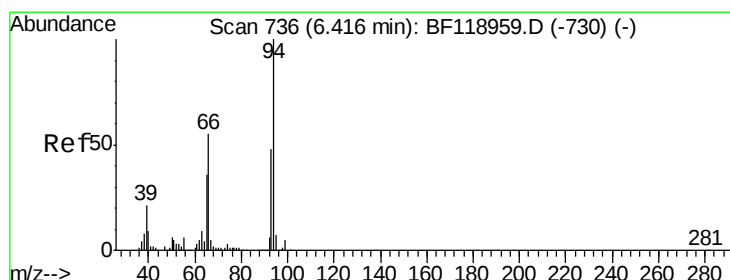
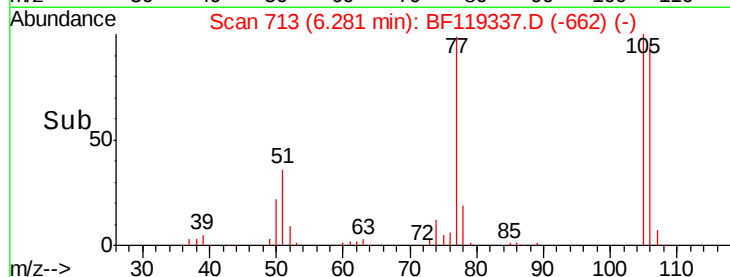
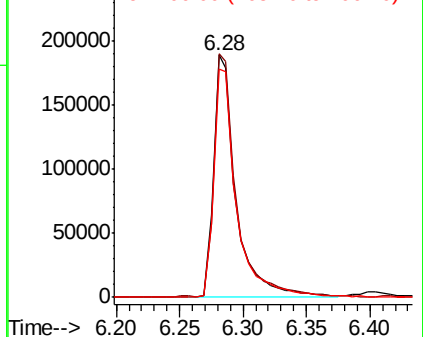
106 94.3 75.9 115.9



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: 39.323 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

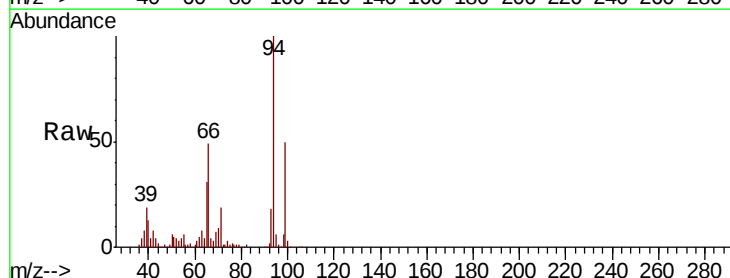
Tgt Ion: 94 Resp: 365208

Ion Ratio Lower Upper

94 100

65 30.6 19.2 59.2

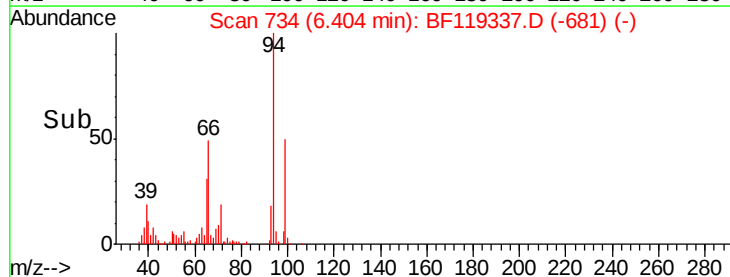
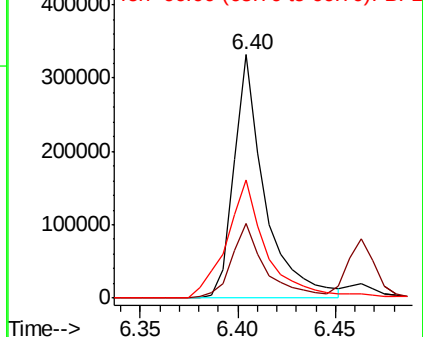
66 48.6 44.4 84.4

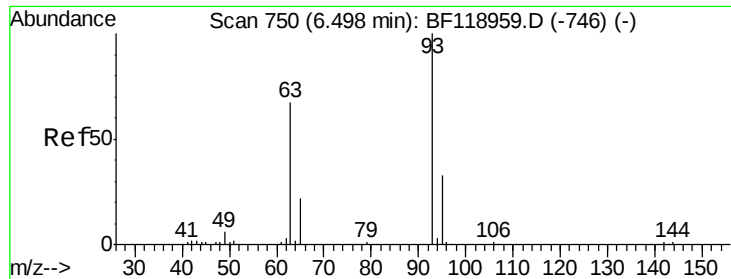


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

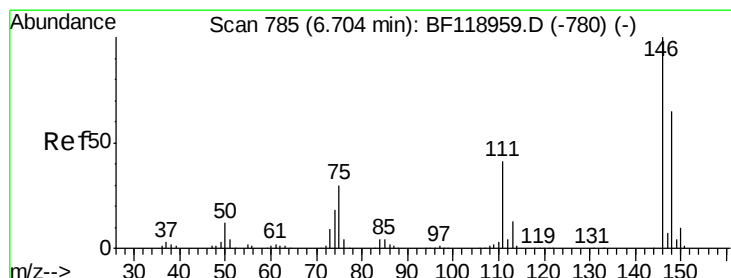
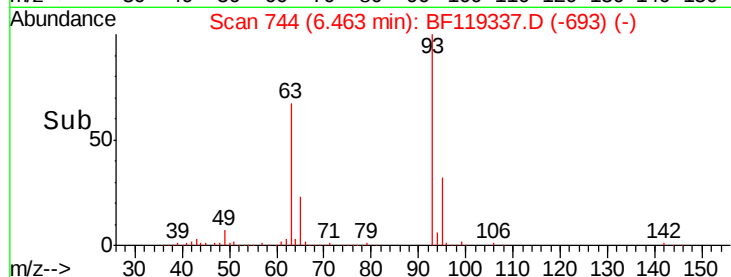
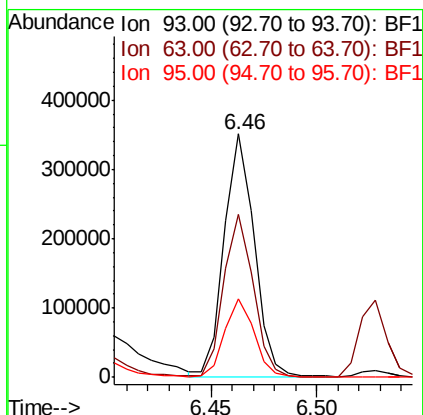
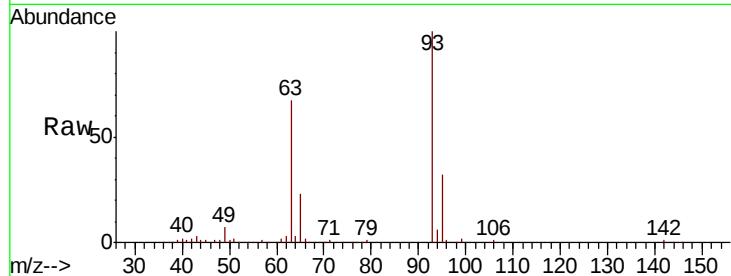




#11
bis(2-Chloroethyl)ether
Concen: 49.136 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

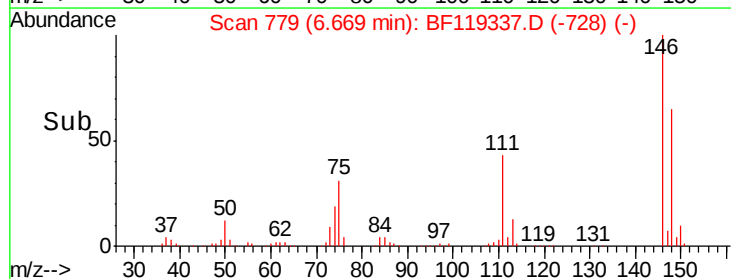
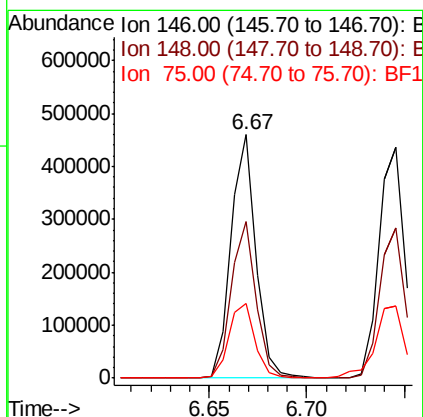
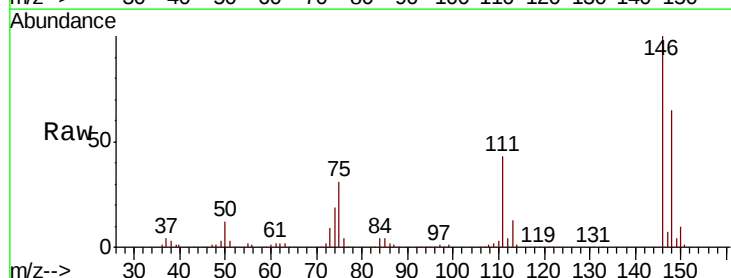
Instrument :
BNA_F
ClientSampleId :

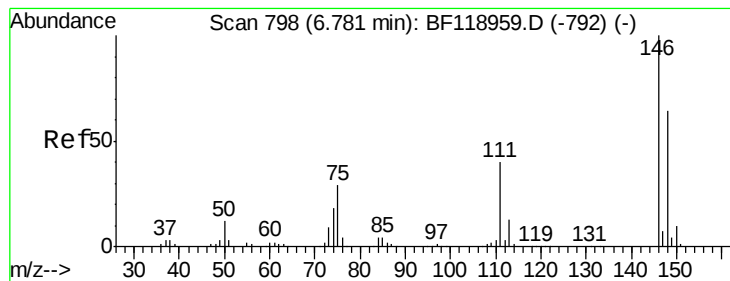
Tot Ion	93	Resp	349168
Ion Ratio	100	Lower	Upper
63	67.1	45.4	85.4
95	32.3	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 44.458 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Tgt Ion	146	Resp	406171
Ion Ratio	100	Lower	Upper
148	64.6	52.5	78.7
75	30.5	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 45.192 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.01 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

Instrument :

BNA_F

ClientSampled :

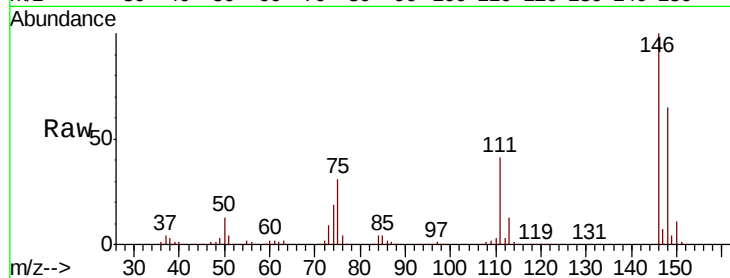
Tot Ion:146 Resp: 413160

Ion Ratio Lower Upper

146 100

148 65.2 51.1 76.7

111 41.3 34.8 52.2

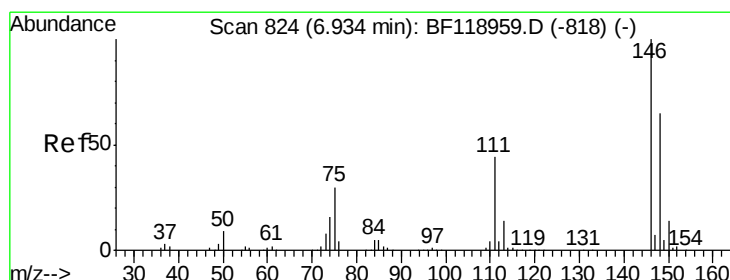
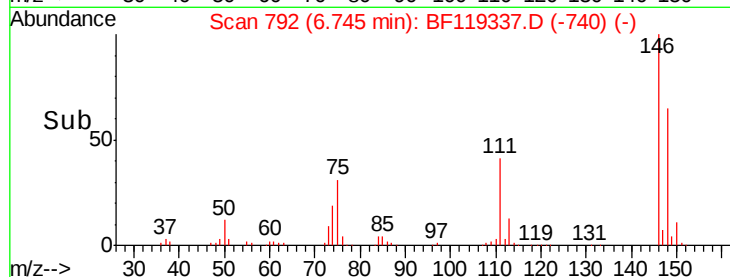
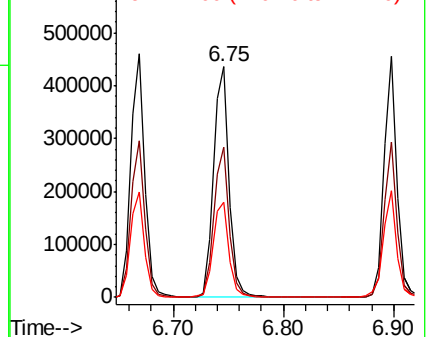


Abundance

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: 44.950 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

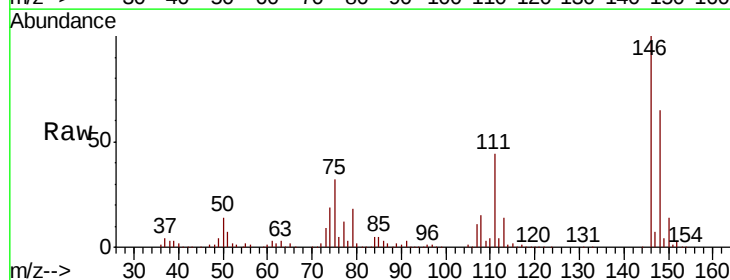
Tgt Ion:146 Resp: 374782

Ion Ratio Lower Upper

146 100

148 64.7 51.9 77.9

111 44.2 36.2 54.2

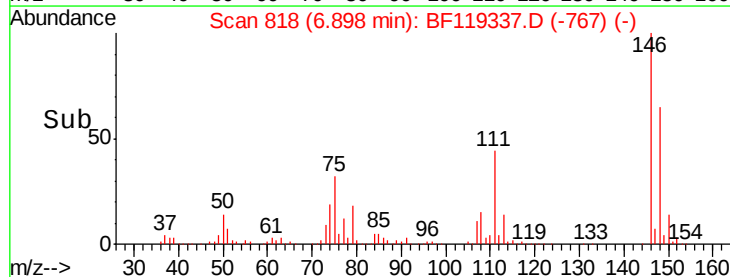
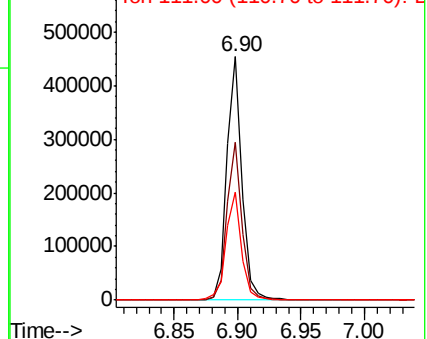


Abundance

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: 49.711 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

Instrument :

BNA_F

ClientSampleId :

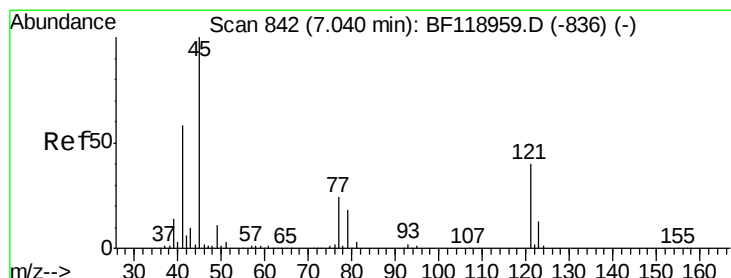
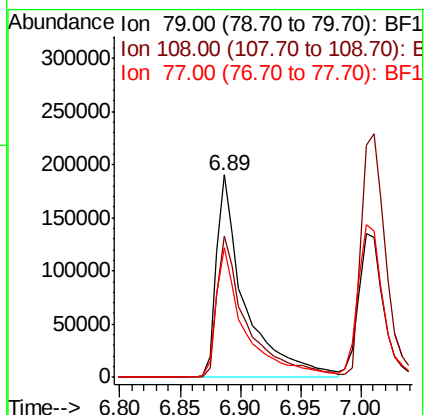
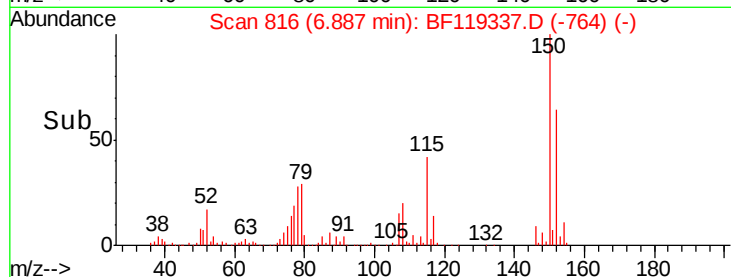
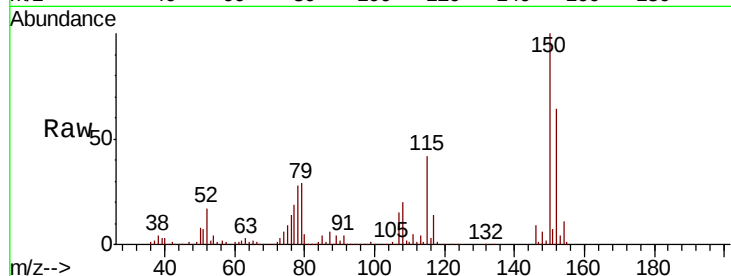
Tot Ion: 79 Resp: 308624

Ion Ratio Lower Upper

79 100

108 70.2 58.2 87.2

77 64.0 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.141 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

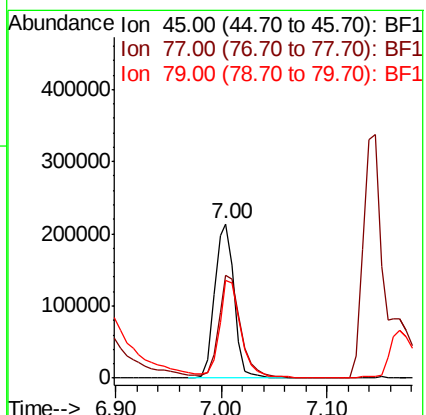
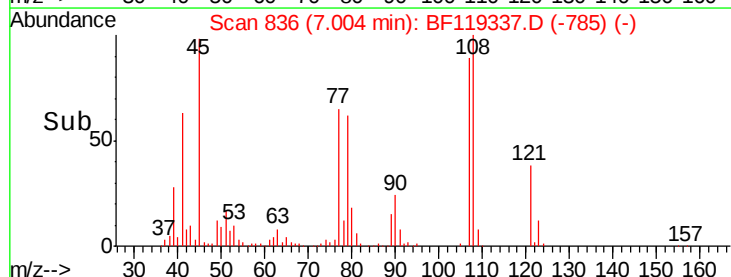
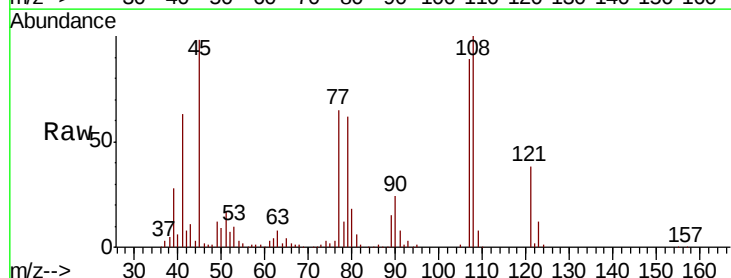
Tgt Ion: 45 Resp: 277873

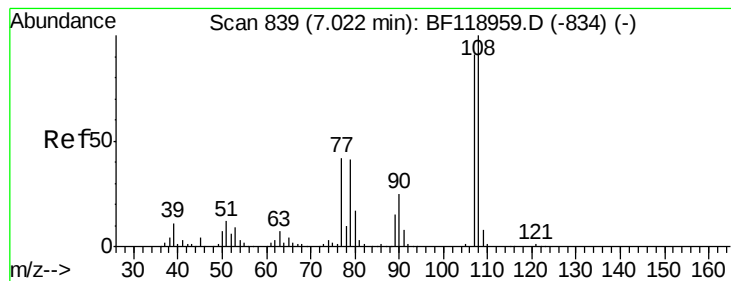
Ion Ratio Lower Upper

45 100

77 67.0 15.0 55.0#

79 63.0 9.4 49.4#

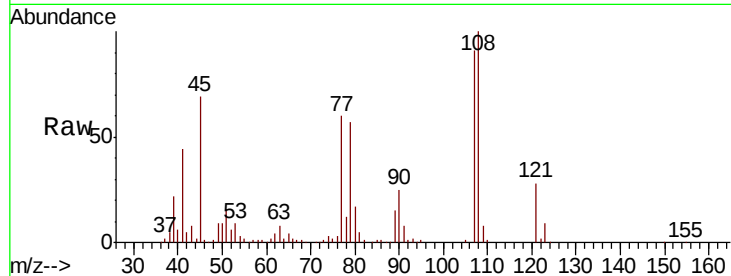




#17
2-Methylphenol
Concen: 46.244 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	285784
Ion	Ratio	Lower	Upper
107	100		
108	110.1	87.9	131.9
77	66.2	45.3	67.9
79	63.1	43.0	64.4



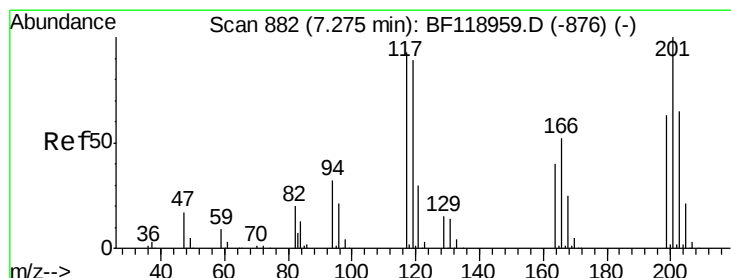
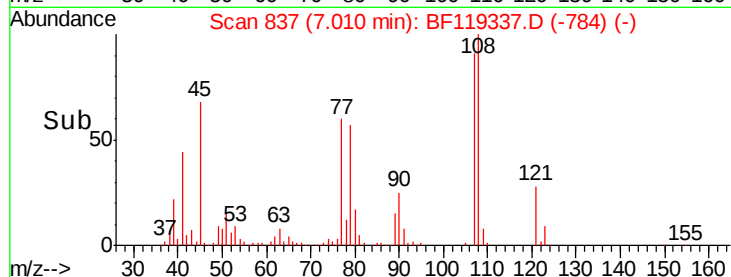
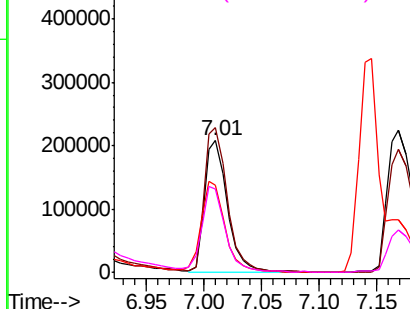
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

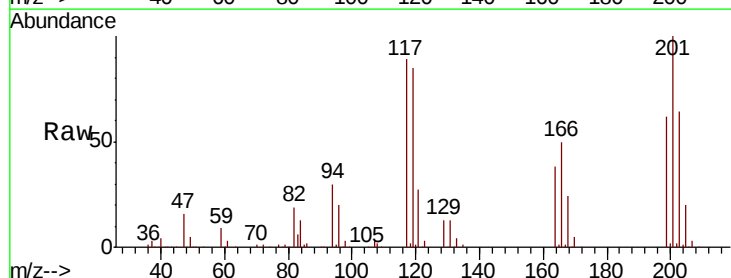
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.142 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Tgt Ion:	117	Resp:	131297
Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.5	116.3
201	112.2	82.6	123.8

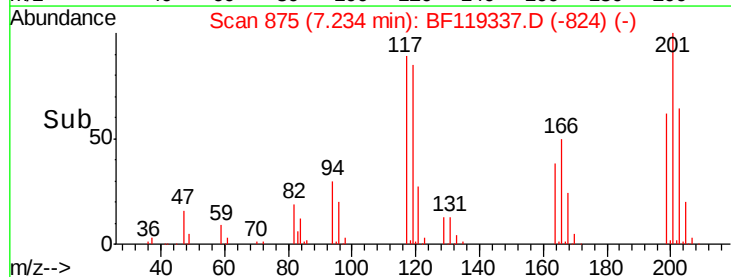
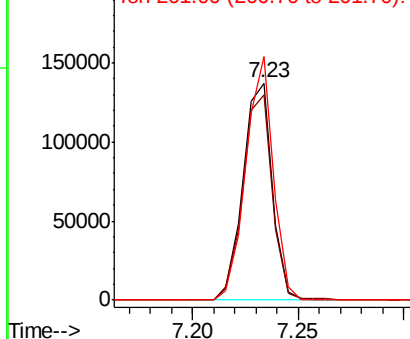


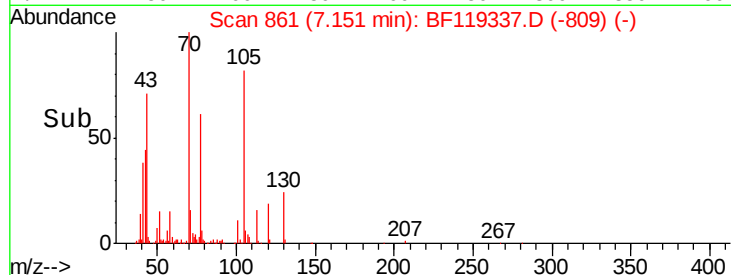
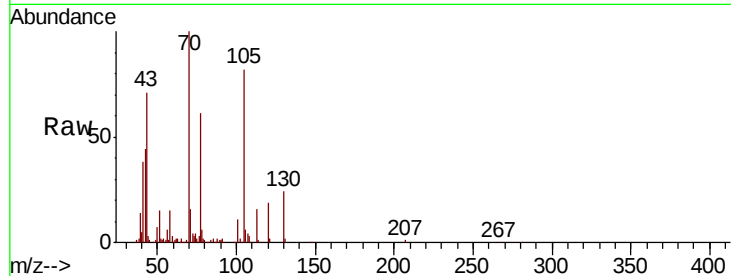
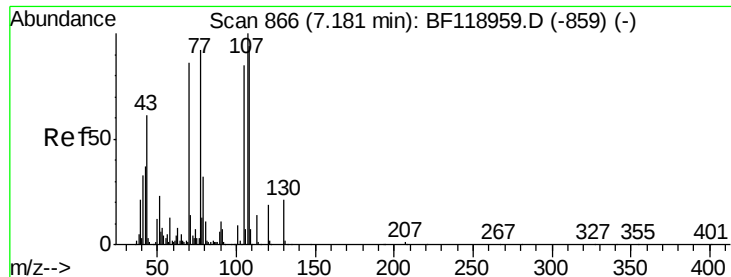
Abundance

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

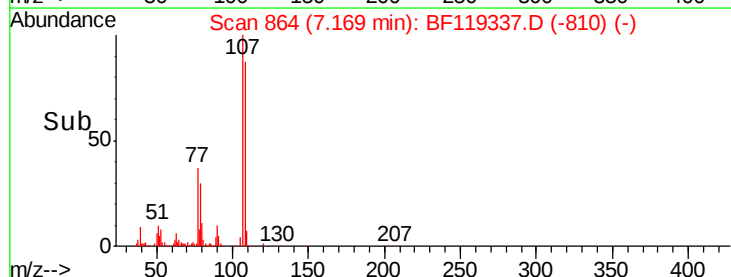
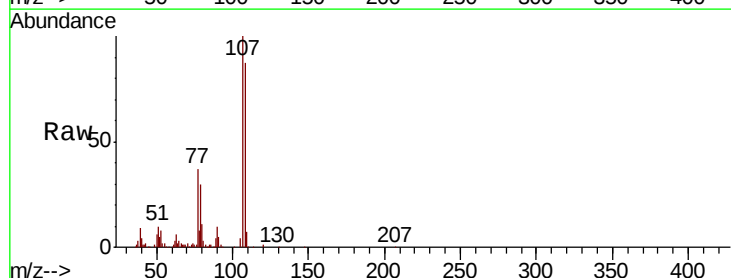
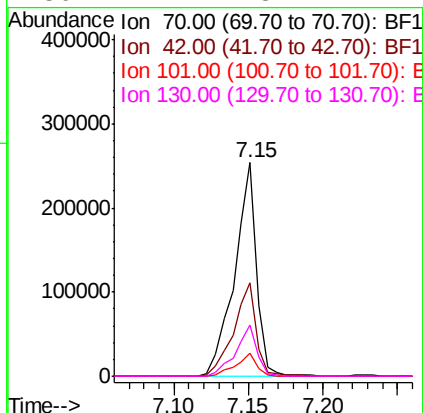




#19
n-Nitroso-di-n-propylamine
Concen: 52.134 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

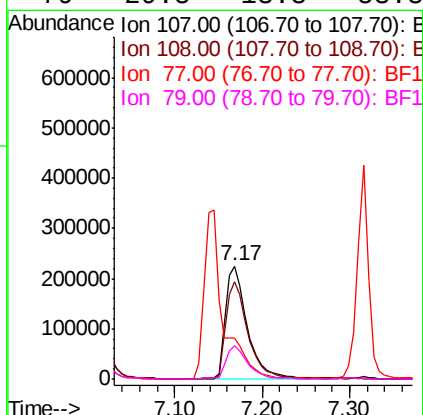
Instrument :
BNA_F
ClientSampleId :

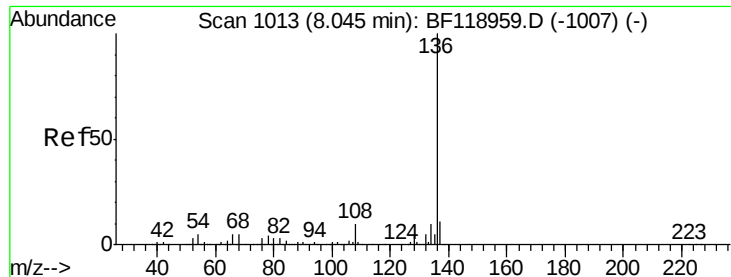
Tot Ion	70	Resp	260952
Ion	Ratio	Lower	Upper
70	100		
42	43.7	38.0	57.0
101	10.7	8.2	12.4
130	24.2	18.2	27.4



#20
3+4-Methylphenols
Concen: 51.029 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.02 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Tgt Ion	107	Resp	386353
Ion	Ratio	Lower	Upper
107	100		
108	86.6	71.5	111.5
77	36.7	45.9	85.9#
79	29.5	13.8	53.8

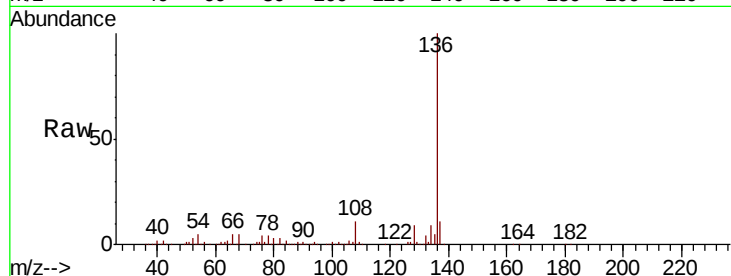




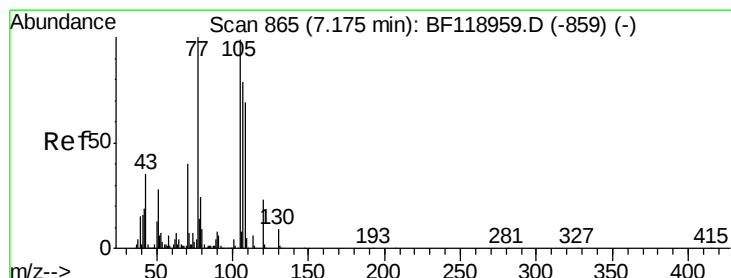
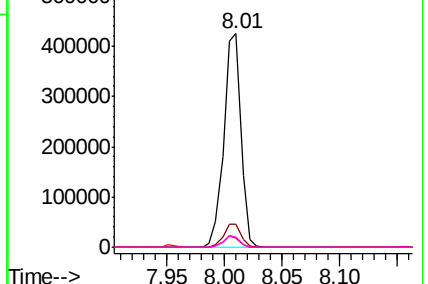
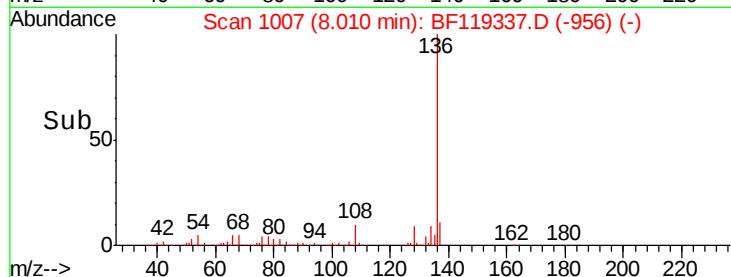
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	437625
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	4.5	3.8 5.6
68	4.8	3.9 5.9

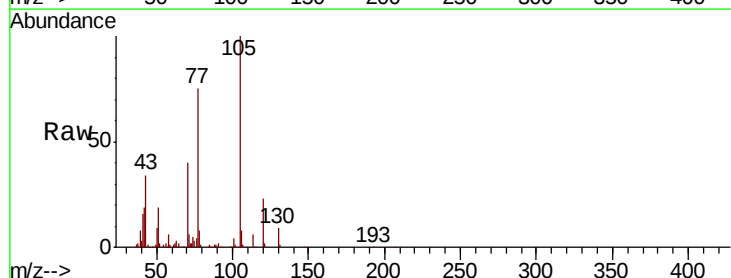


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

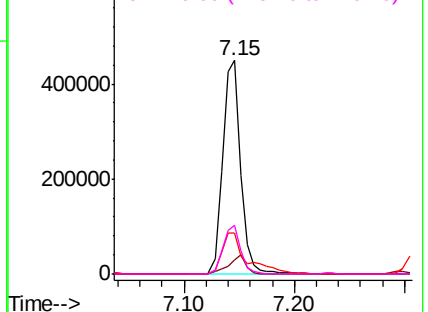
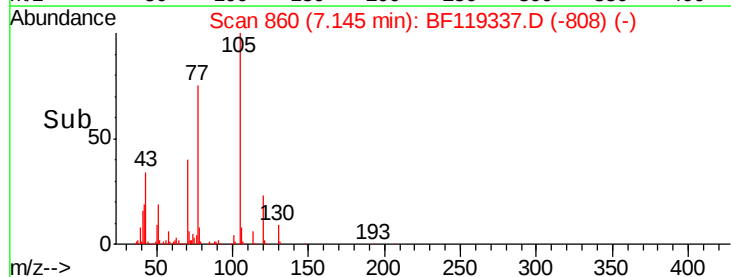


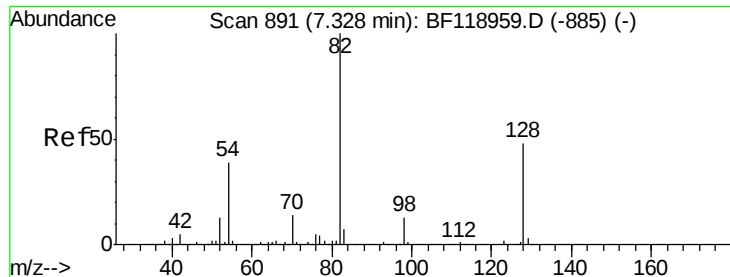
#22
Acetophenone
Concen: 50.415 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Tgt Ion:105	Resp:	510478
Ion Ratio	Lower	Upper
105	100	
71	6.5	3.0 4.4#
51	19.3	20.1 30.1#
120	22.6	18.0 27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

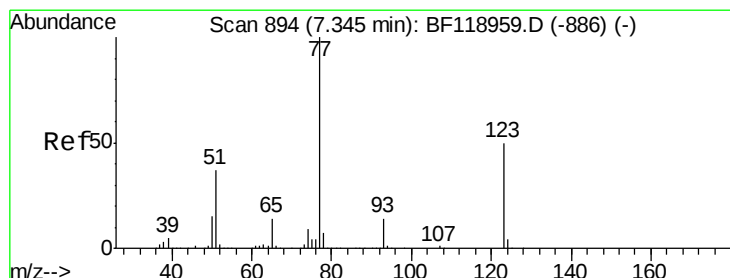
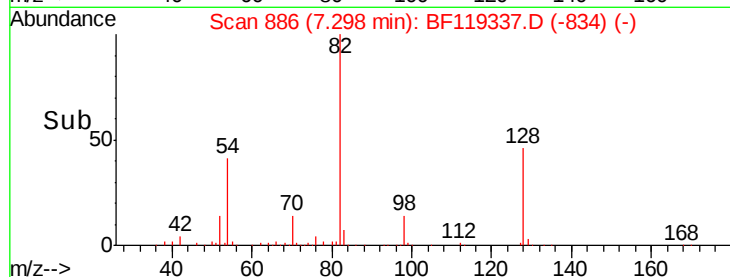
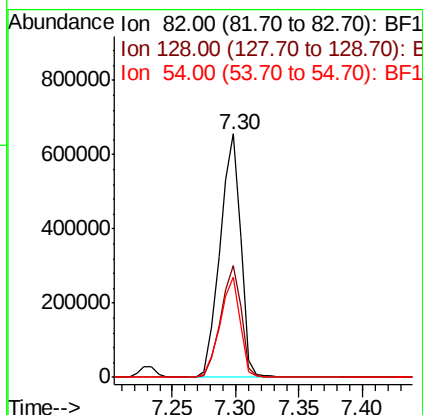
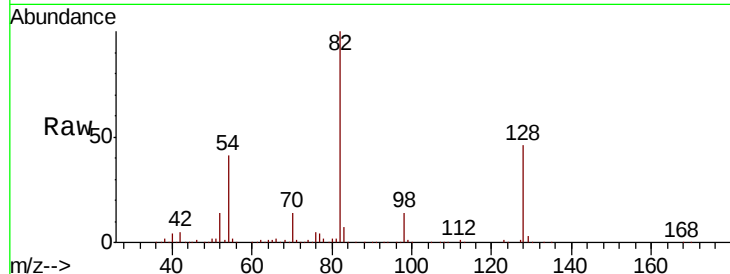




#23
 Nitrobenzene-d5
 Concen: 89.818 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BF119337.D
 Acq: 11 Mar 2020 6:29

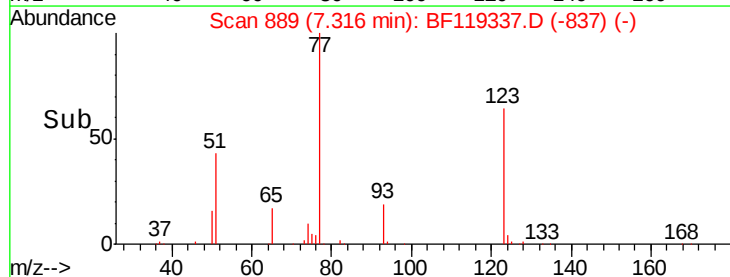
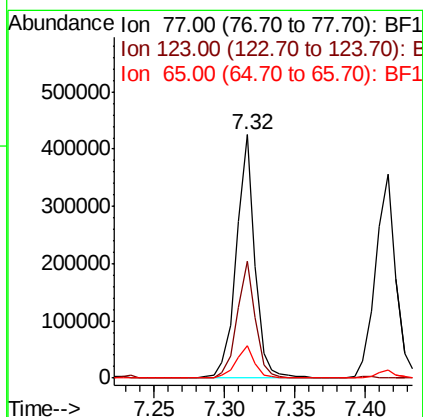
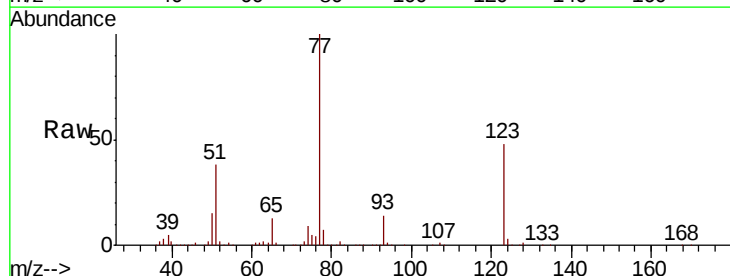
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	744443
Ion Ratio	Lower	Upper	
82	100		
128	45.7	37.9	56.9
54	41.0	33.4	50.2



#24
 Nitrobenzene
 Concen: 47.168 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: BF119337.D
 Acq: 11 Mar 2020 6:29

Tgt Ion	77	Resp	386606
Ion Ratio	Lower	Upper	
77	100		
123	48.0	40.2	60.2
65	13.4	10.8	16.2





#25

Isophorone

Concen: 48.280 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

Instrument :

BNA_F

ClientSampleId :

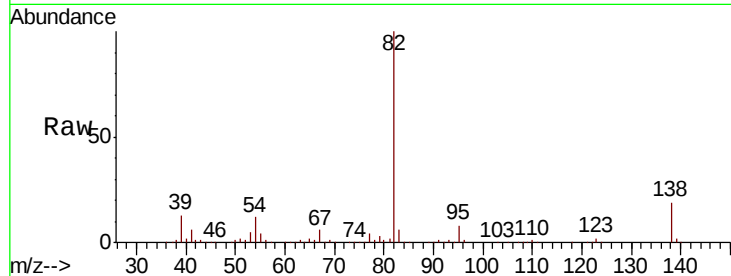
Tot Ion: 82 Resp: 694955

Ion Ratio Lower Upper

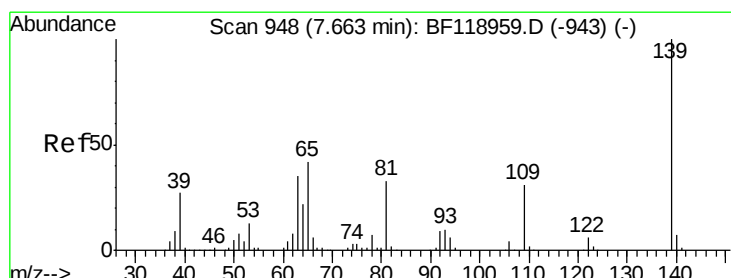
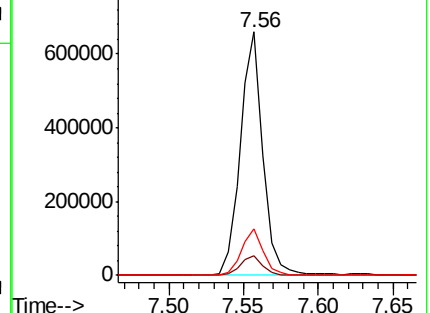
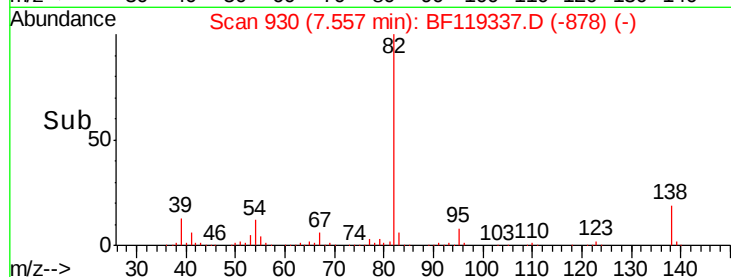
82 100

95 8.0 6.4 9.6

138 19.2 15.7 23.5



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



#26

2-Nitrophenol

Concen: 42.476 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

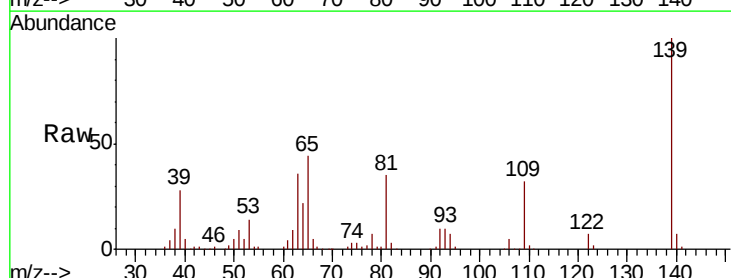
Tgt Ion: 139 Resp: 184466

Ion Ratio Lower Upper

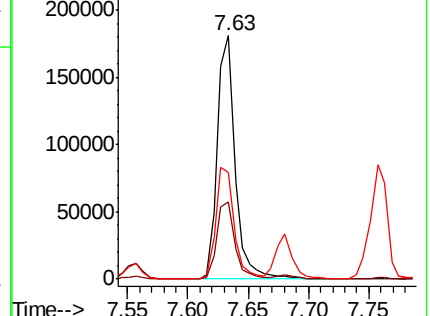
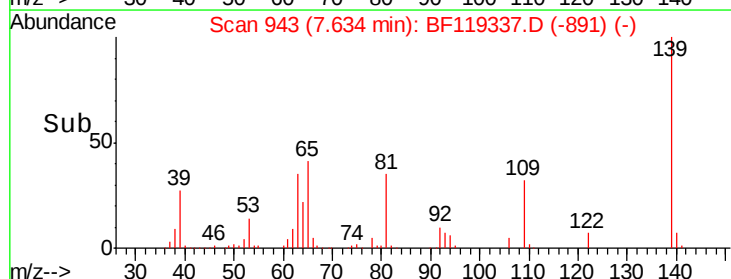
139 100

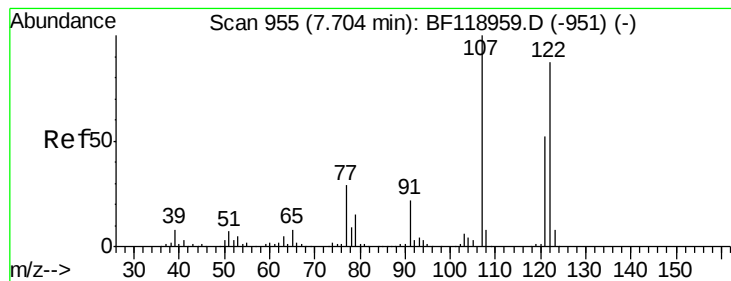
109 31.5 25.7 38.5

65 44.0 37.1 55.7



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

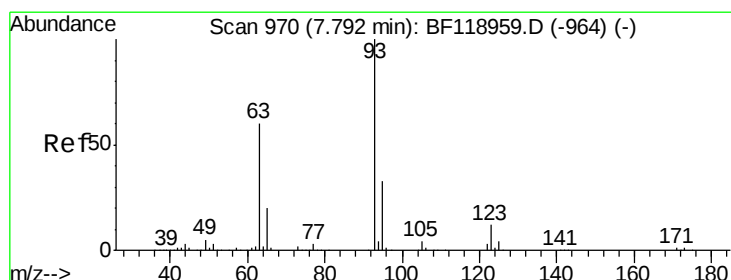
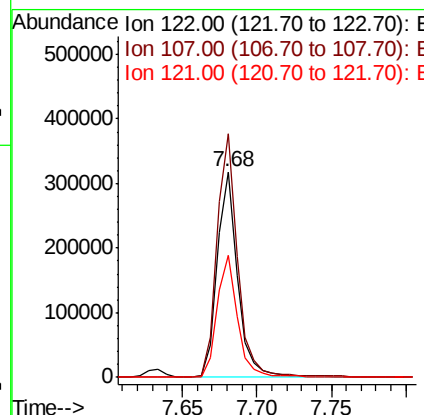
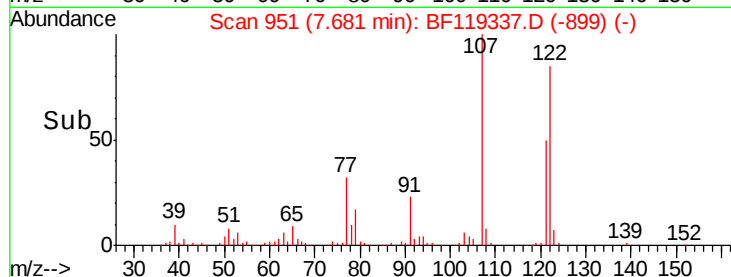
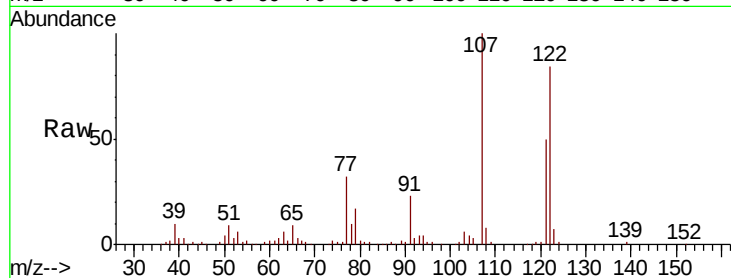




#27
 2,4-Dimethylphenol
 Concen: 51.719 ng
 RT: 7.68 min Scan# 951
 Delta R.T. 0.01 min
 Lab File: BF119337.D
 Acq: 11 Mar 2020 6:29

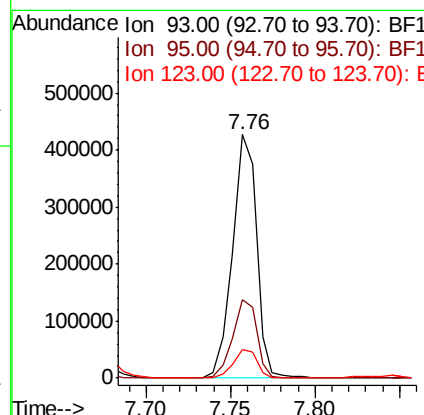
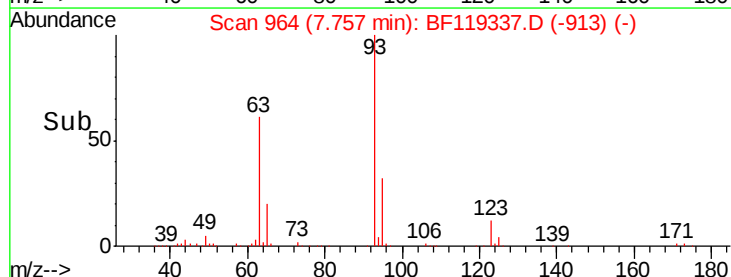
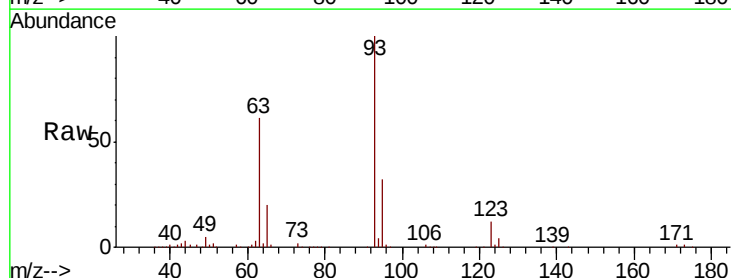
Instrument :
 BNA_F
 ClientSampleId :

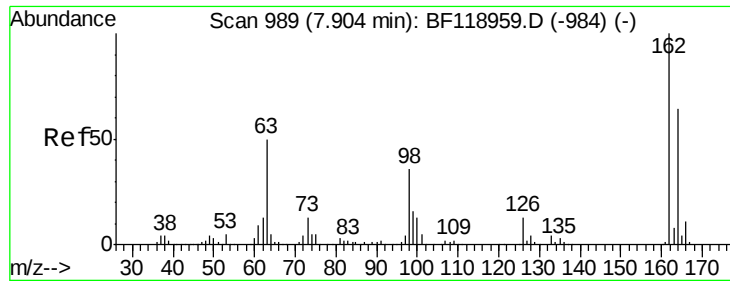
Tot Ion:122 Resp: 304830
 Ion Ratio Lower Upper
 122 100
 107 118.4 93.8 140.6
 121 59.1 48.2 72.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.177 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF119337.D
 Acq: 11 Mar 2020 6:29

Tgt Ion: 93 Resp: 423271
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 11.6 10.2 15.2

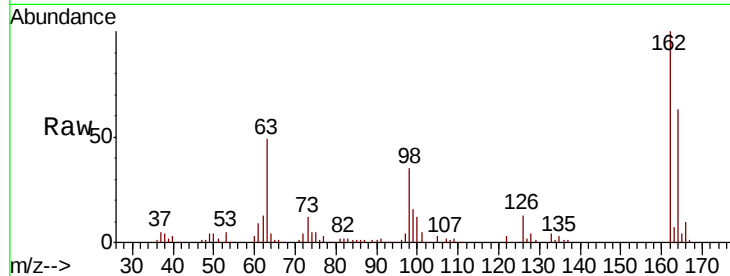




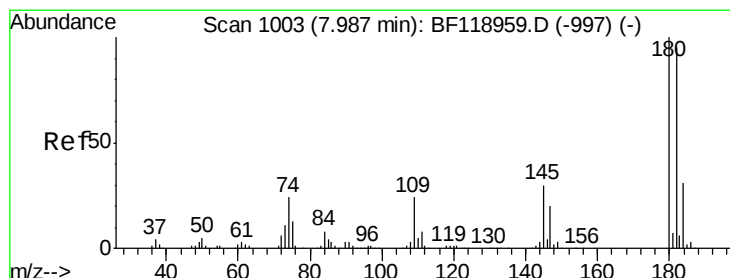
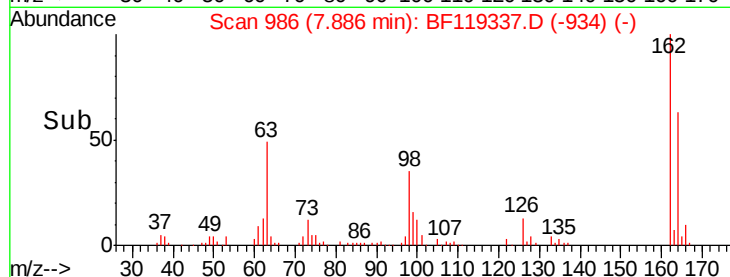
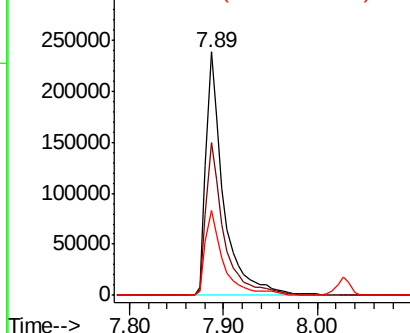
#29
 2,4-Dichlorophenol
 Concen: 45.175 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BF119337.D
 Acq: 11 Mar 2020 6:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 313450
 Ion Ratio Lower Upper
 162 100
 164 63.0 45.2 85.2
 98 34.7 17.4 57.4

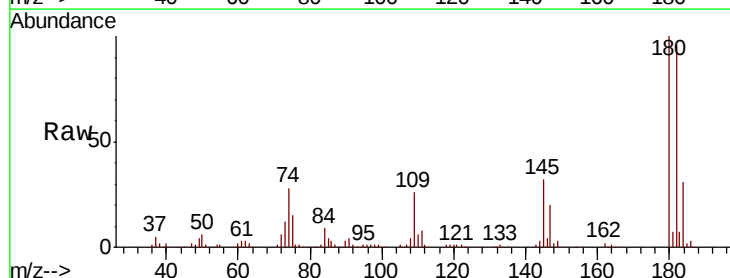


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

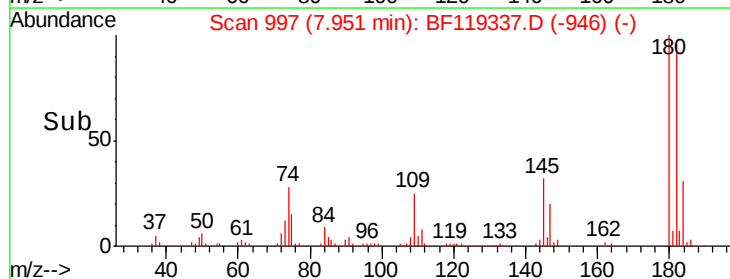
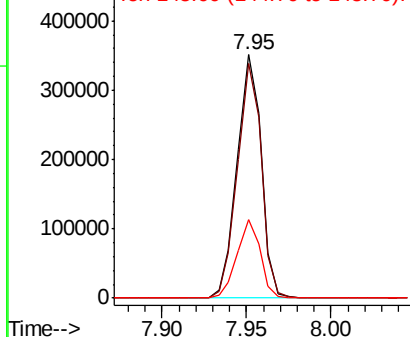


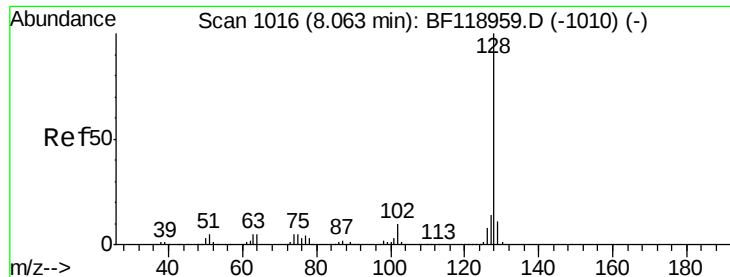
#30
 1,2,4-Trichlorobenzene
 Concen: 42.475 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF119337.D
 Acq: 11 Mar 2020 6:29

Tgt Ion:180 Resp: 349429
 Ion Ratio Lower Upper
 180 100
 182 96.4 77.8 116.6
 145 32.4 25.2 37.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

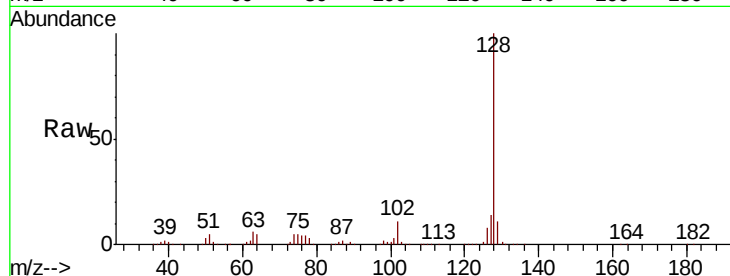




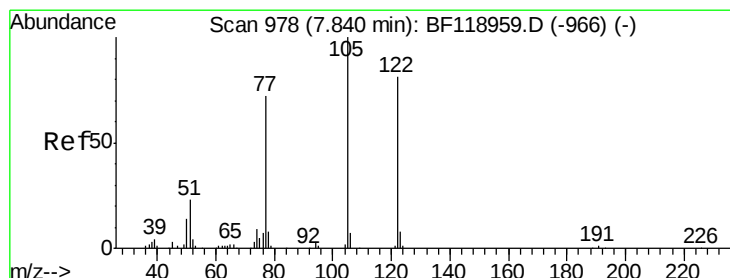
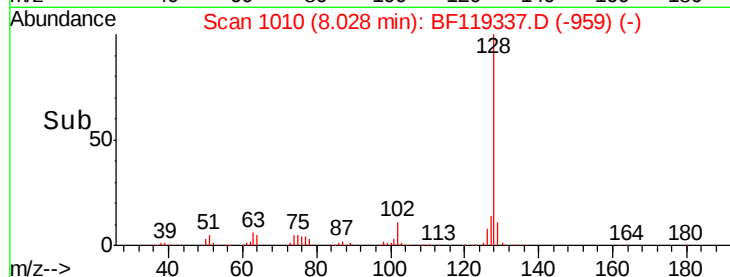
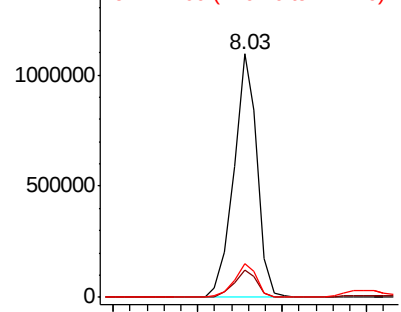
#31
Naphthalene
Concen: 46.310 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1051062
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.9 11.4 17.2

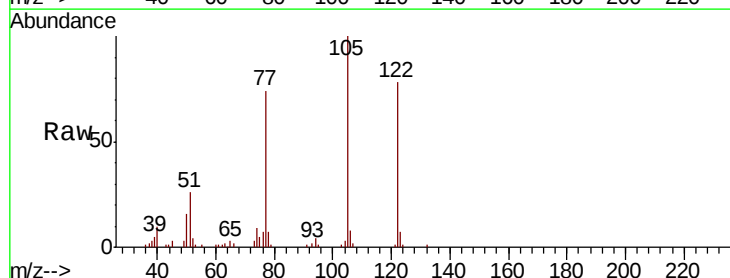


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

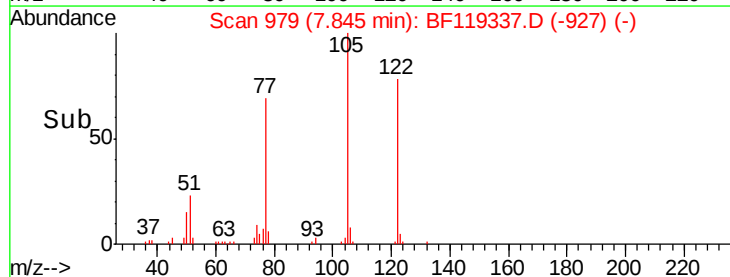
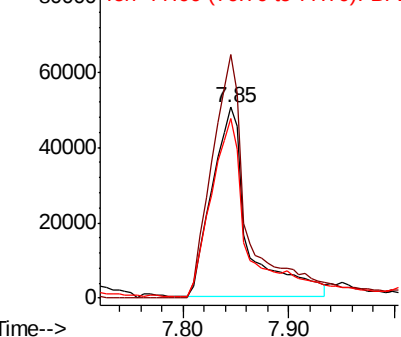


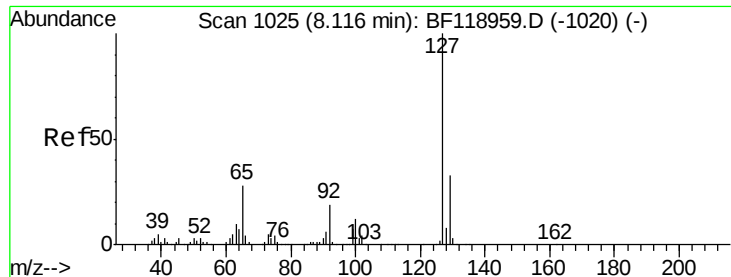
#32
Benzoic acid
Concen: 30.559 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Tgt Ion:122 Resp: 119295
Ion Ratio Lower Upper
122 100
105 127.4 106.3 146.3
77 93.9 73.1 113.1



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

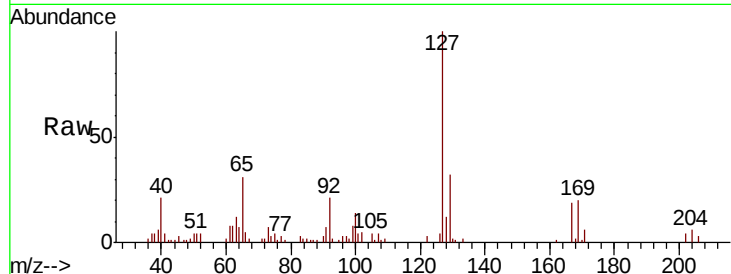




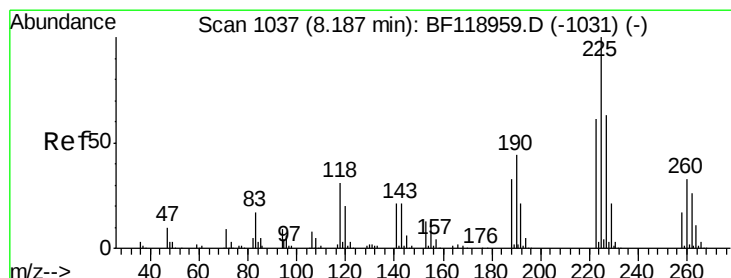
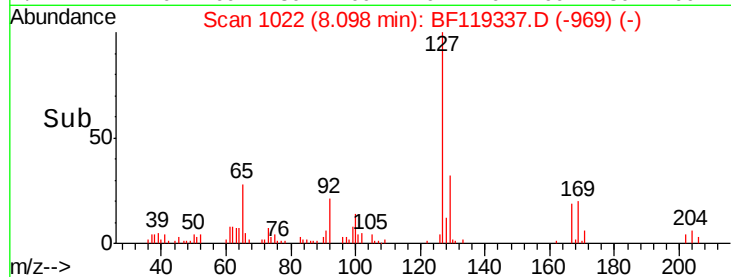
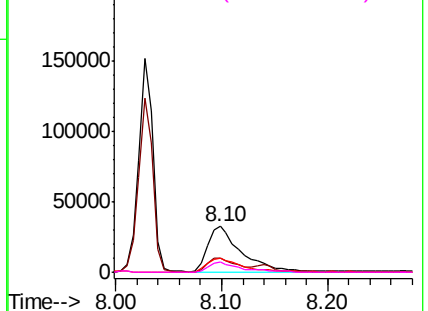
#33
4-Chloroaniline
Concen: 7.281 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	71075
Ion	Ratio	Lower Upper
127	100	
129	32.2	25.9 38.9
65	30.5	23.9 35.9
92	21.3	16.3 24.5

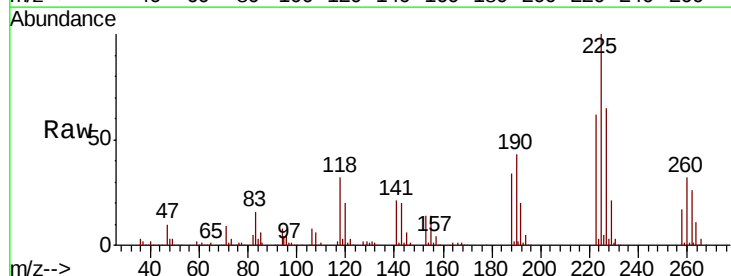


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

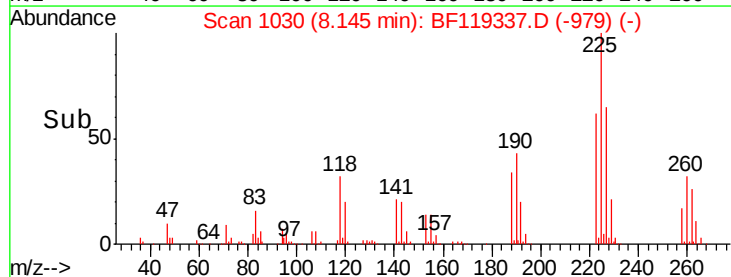
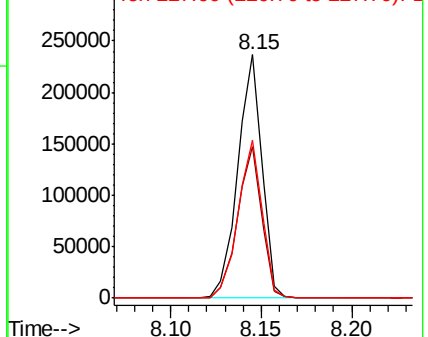


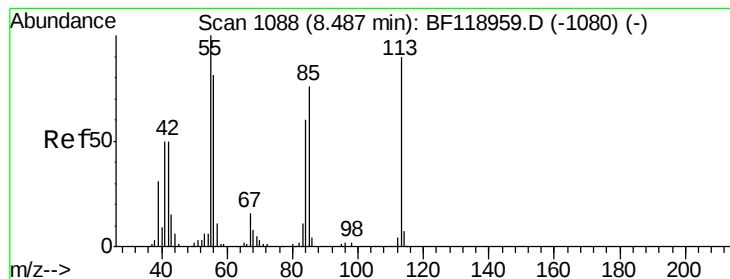
#34
Hexachlorobutadiene
Concen: 42.719 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Tgt Ion:225	Resp:	218910
Ion	Ratio	Lower Upper
225	100	
223	62.3	49.4 74.2
227	64.8	52.9 79.3



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





#35

Caprolactam

Concen: 32.751 ng

RT: 8.47 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

Instrument :

BNA_F

ClientSampleId :

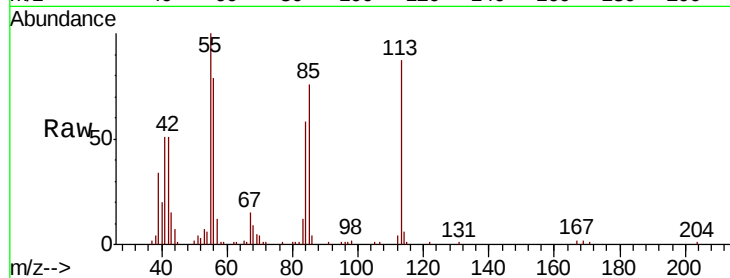
Tot Ion:113 Resp: 69973

Ion Ratio Lower Upper

113 100

55 114.9 95.7 135.7

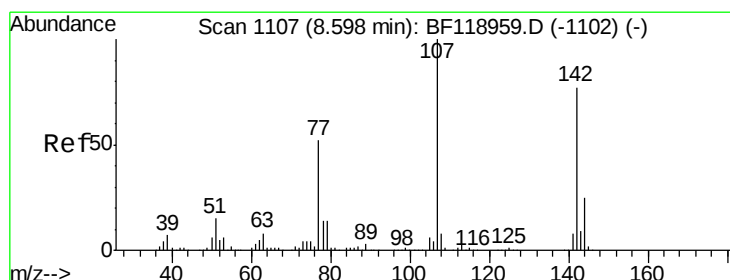
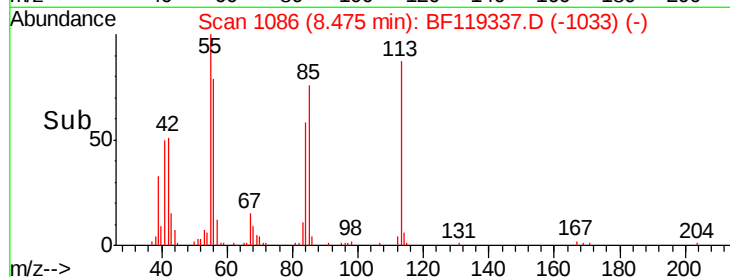
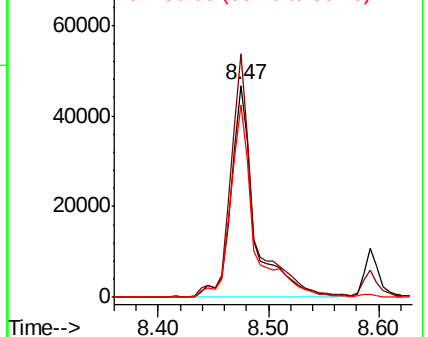
56 90.8 73.1 113.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 45.011 ng

RT: 8.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

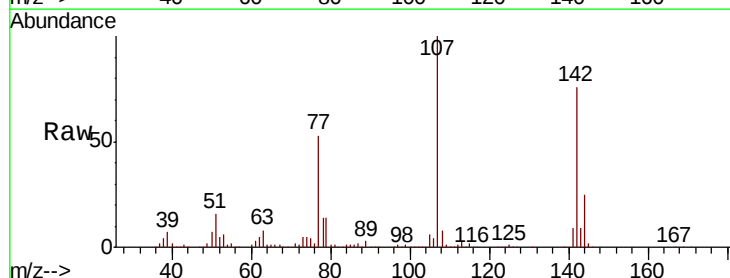
Tgt Ion:107 Resp: 316073

Ion Ratio Lower Upper

107 100

144 25.0 20.1 30.1

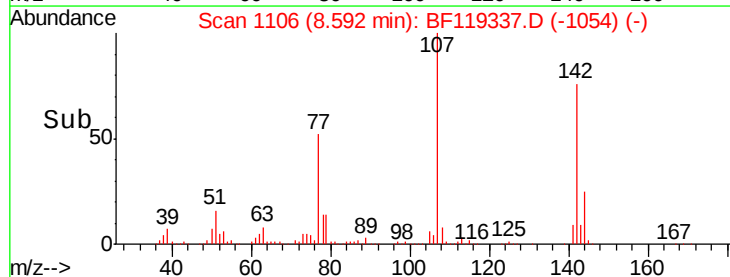
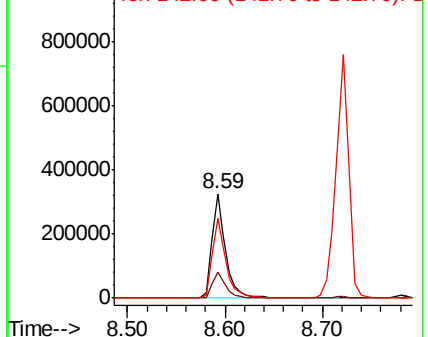
142 75.9 61.4 92.2

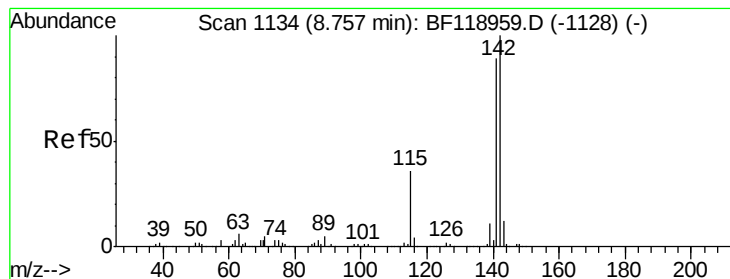


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.590 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

Instrument :

BNA_F

ClientSampled :

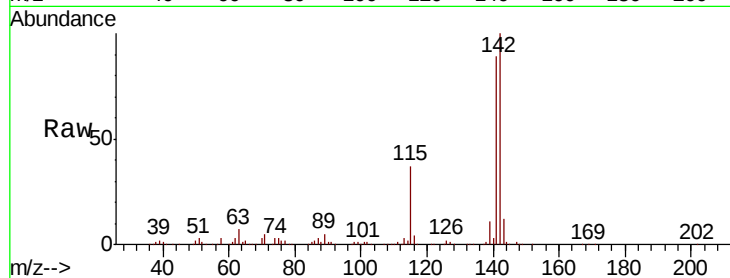
Tot Ion:142 Resp: 696326

Ion Ratio Lower Upper

142 100

141 88.8 72.3 108.5

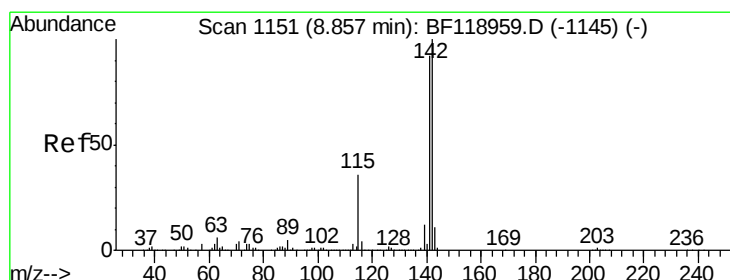
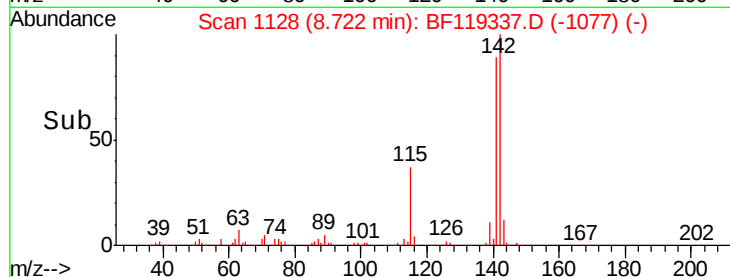
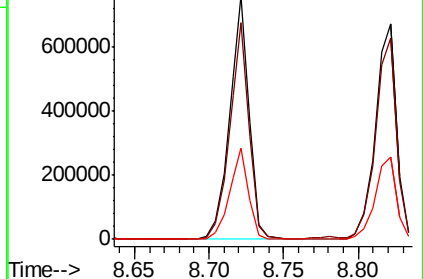
115 37.4 30.6 45.8



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: 45.075 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

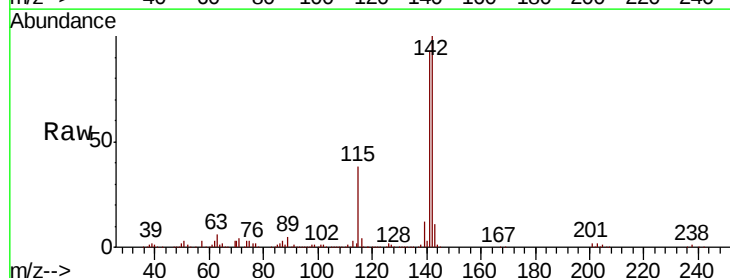
Tgt Ion:142 Resp: 647468

Ion Ratio Lower Upper

142 100

141 93.5 75.8 113.6

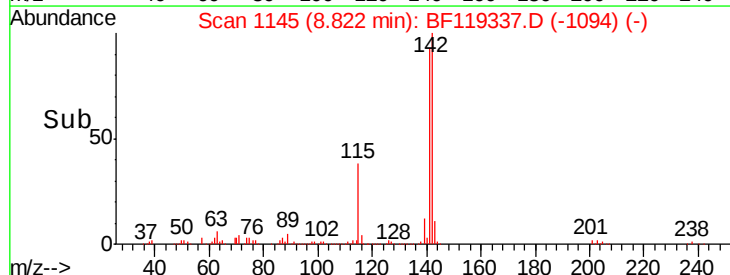
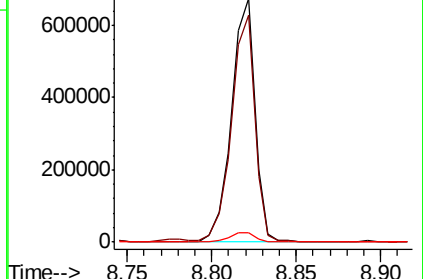
116 3.9 3.1 4.7

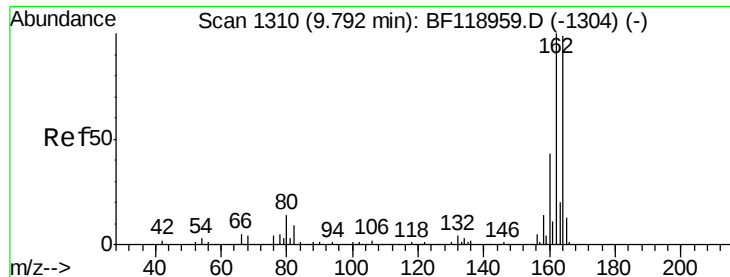


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

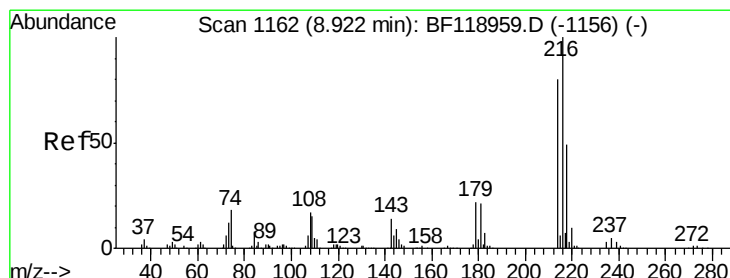
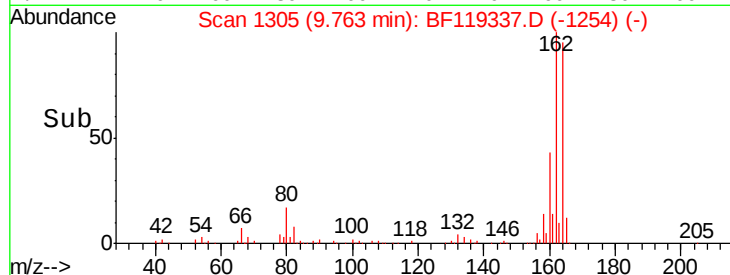
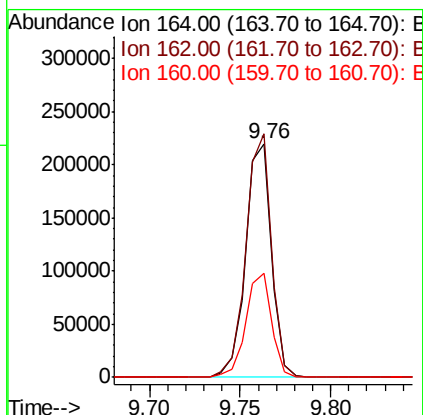
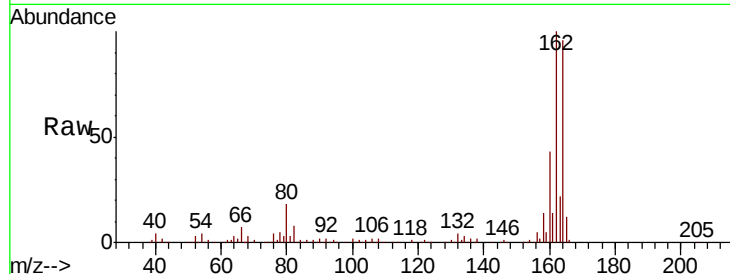




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF119337.D
 Acq: 11 Mar 2020 6:29

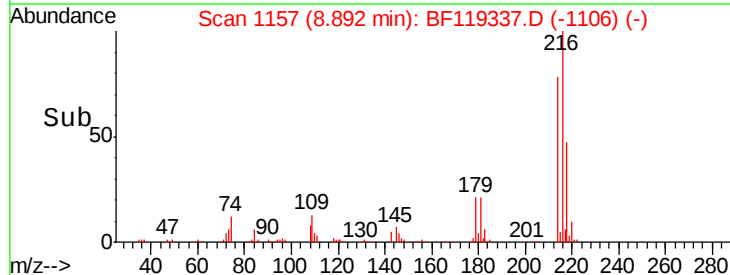
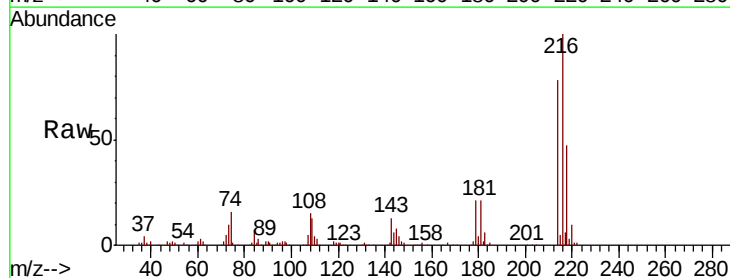
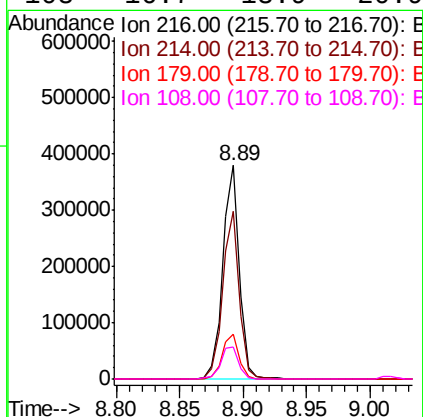
Instrument :
 BNA_F
 ClientSampleId :

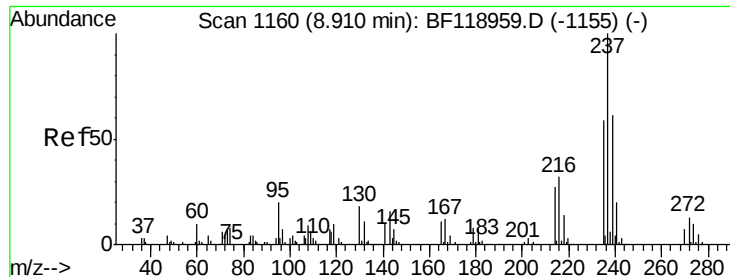
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.8	122.8
160	44.6	36.0	54.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.061 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF119337.D
 Acq: 11 Mar 2020 6:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.3	94.9
179	21.4	17.7	26.5
108	16.7	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 12.533 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

Instrument :

BNA_F

ClientSampleId :

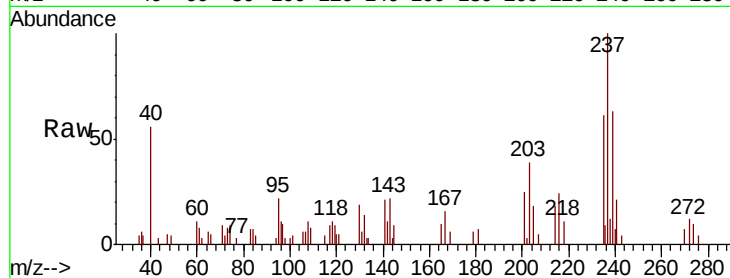
Tot Ion:237 Resp: 9467

Ion Ratio Lower Upper

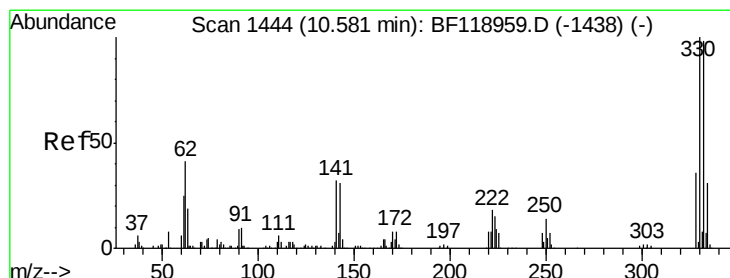
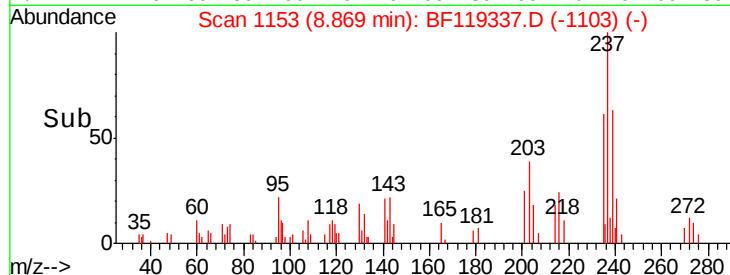
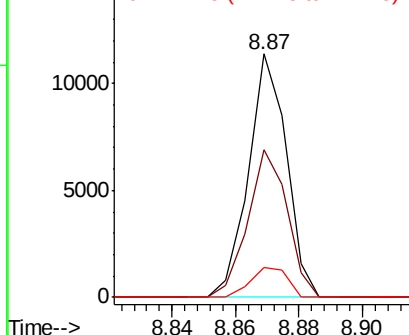
237 100

235 60.8 42.3 82.3

272 12.2 0.0 33.5



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: 106.681 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

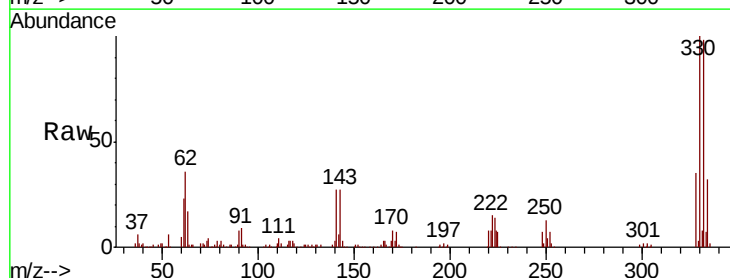
Tgt Ion:330 Resp: 302719

Ion Ratio Lower Upper

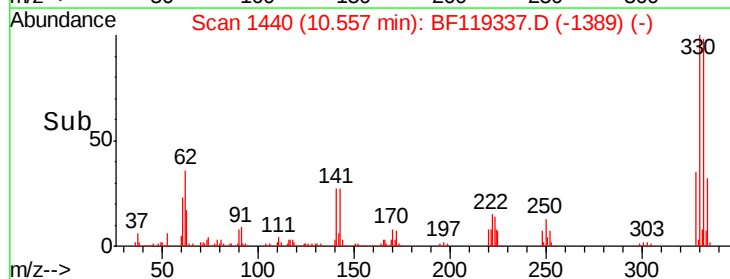
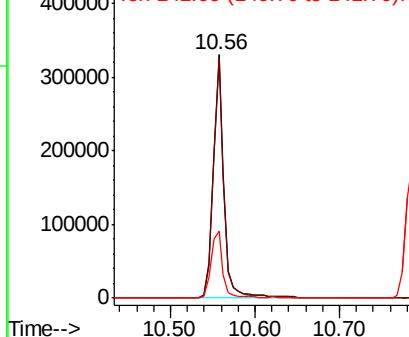
330 100

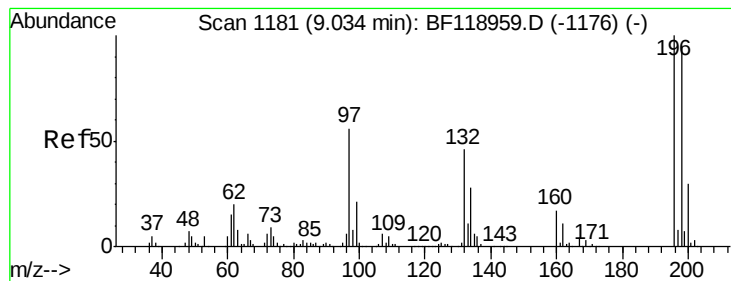
332 97.9 76.0 114.0

141 29.9 22.9 34.3



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: 45.146 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

Instrument :

BNA_F

ClientSampleId :

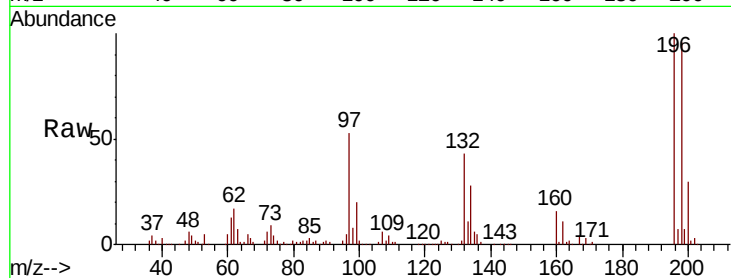
Tot Ion:196 Resp: 208504

Ion Ratio Lower Upper

196 100

198 96.3 77.1 115.7

200 30.1 25.0 37.6

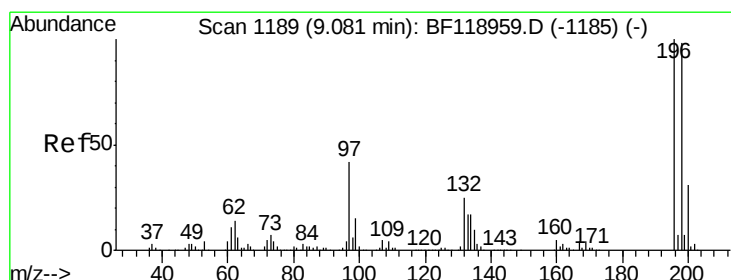
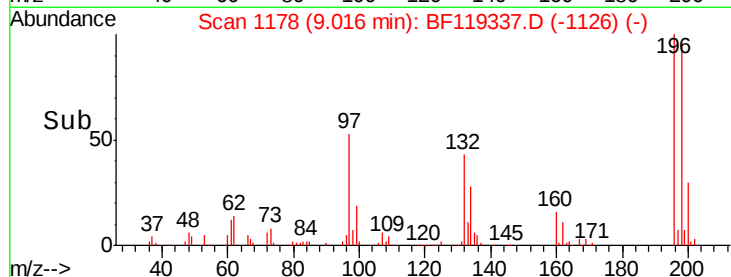
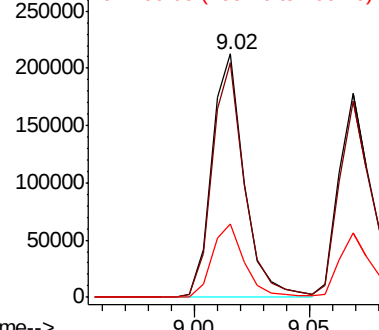


Abundance

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: 41.733 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

Tgt Ion:196 Resp: 202253

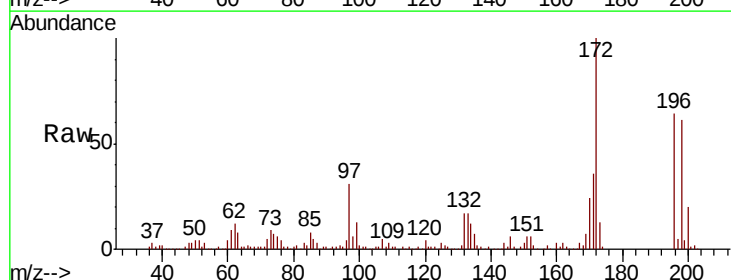
Ion Ratio Lower Upper

196 100

198 96.0 76.8 115.2

97 48.7 38.5 57.7

132 27.4 22.2 33.4



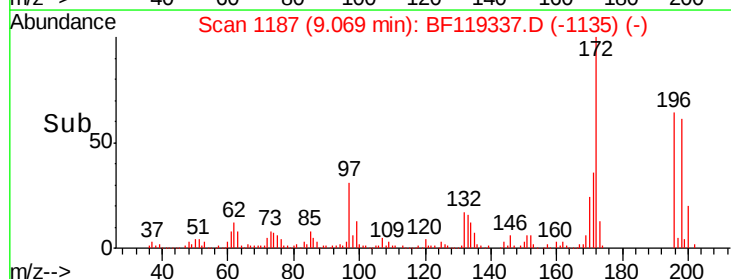
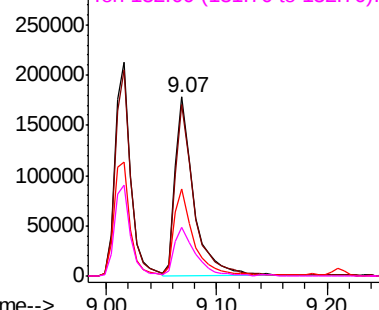
Abundance

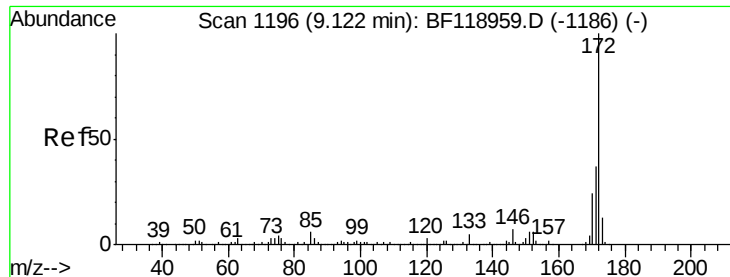
Ion 196.00 (195.70 to 196.70): E

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

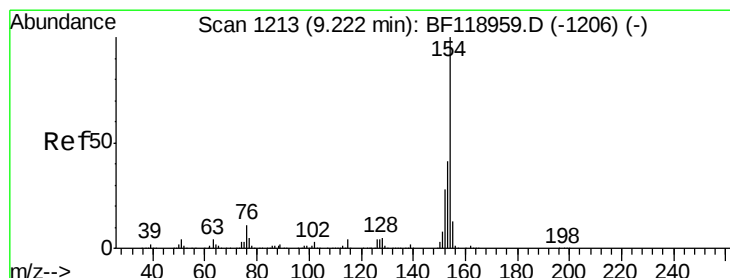
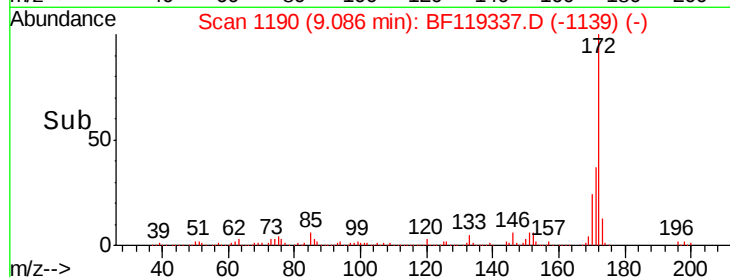
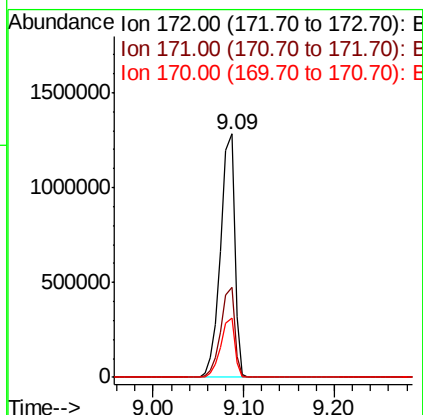
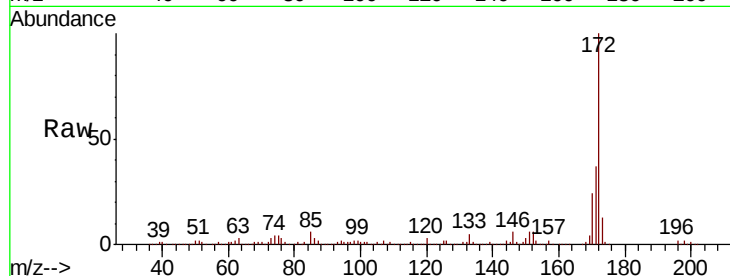




#45
2-Fluorobiphenyl
Concen: 93.470 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

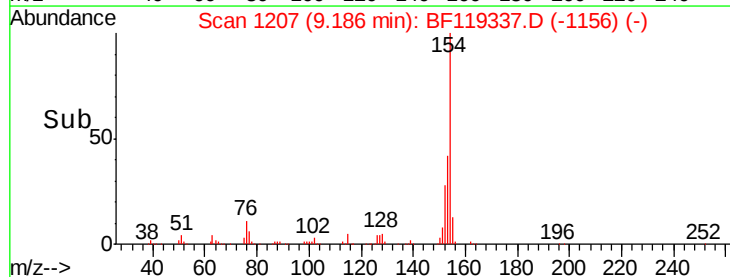
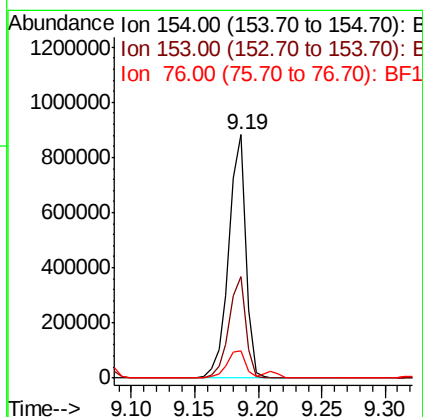
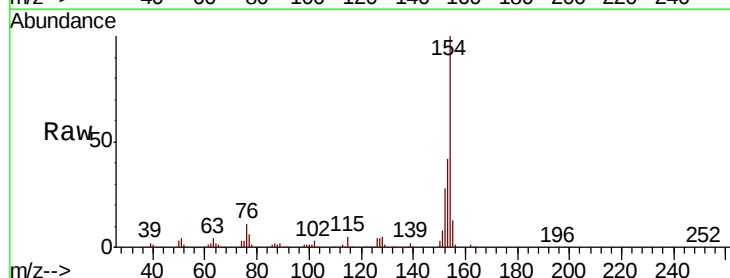
Instrument :
BNA_F
ClientSampleId :

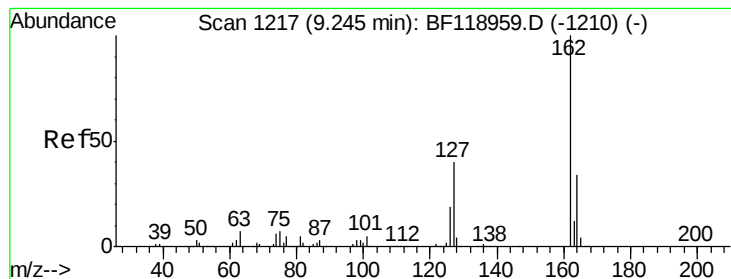
Tot Ion:172 Resp: 1376281
Ion Ratio Lower Upper
172 100
171 36.7 30.6 45.8
170 24.3 20.2 30.2



#46
1,1'-Biphenyl
Concen: 46.952 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Tgt Ion:154 Resp: 823123
Ion Ratio Lower Upper
154 100
153 41.8 22.8 62.8
76 11.1 0.0 32.2





#47

2-Chloronaphthalene

Concen: 45.300 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

Instrument :

BNA_F

ClientSampleId :

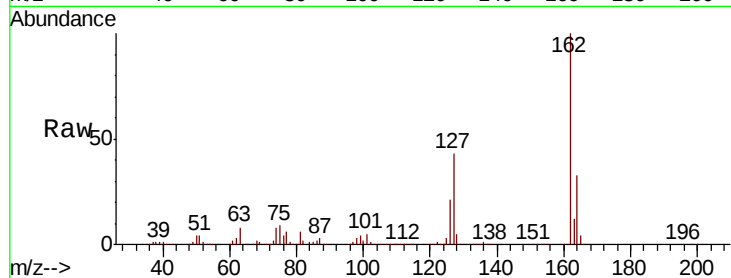
Tot Ion:162 Resp: 639969

Ion Ratio Lower Upper

162 100

127 43.0 35.0 52.4

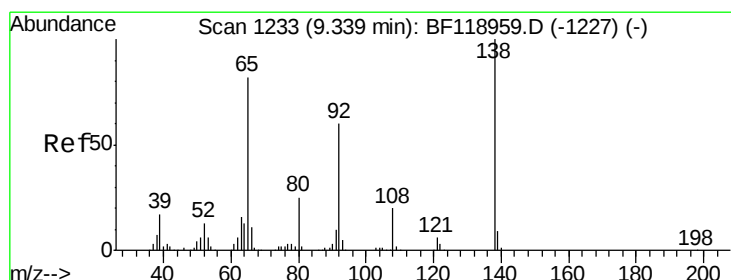
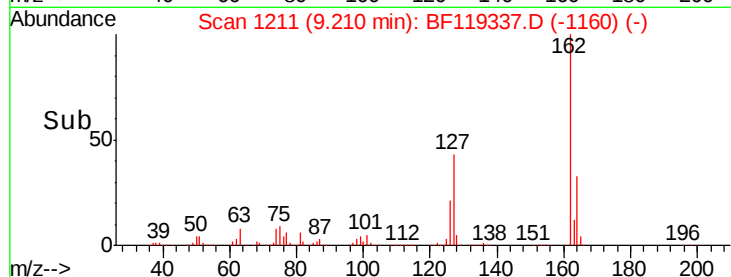
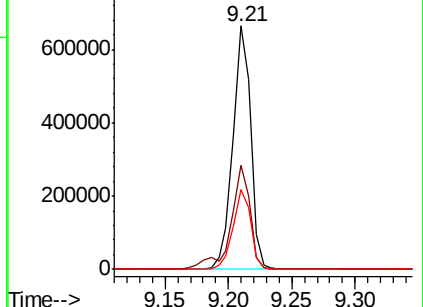
164 32.9 27.2 40.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 47.266 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

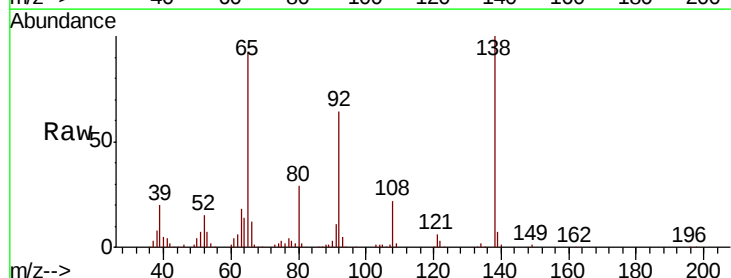
Tgt Ion: 65 Resp: 186247

Ion Ratio Lower Upper

65 100

92 70.1 58.2 87.2

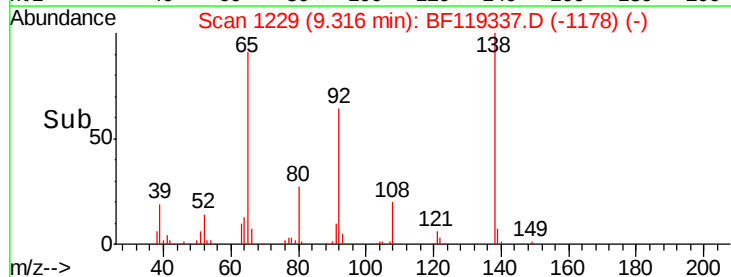
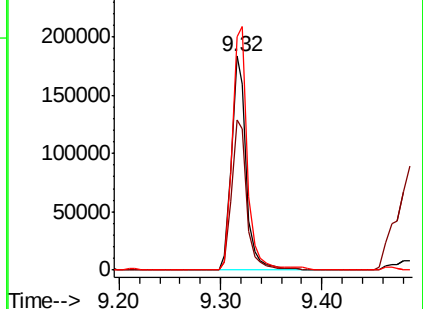
138 108.8 95.6 143.4

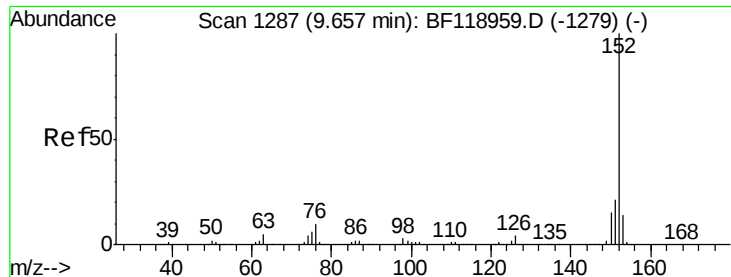


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.384 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

Instrument :

BNA_F

ClientSampleId :

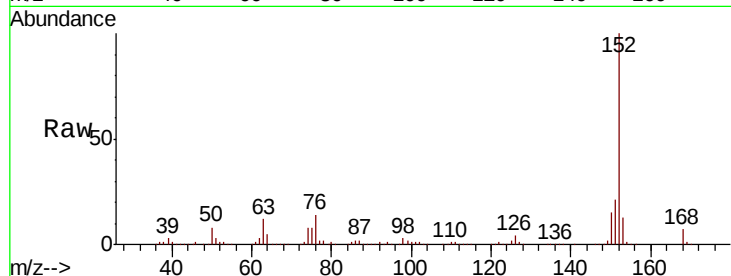
Tot Ion:152 Resp: 926020

Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

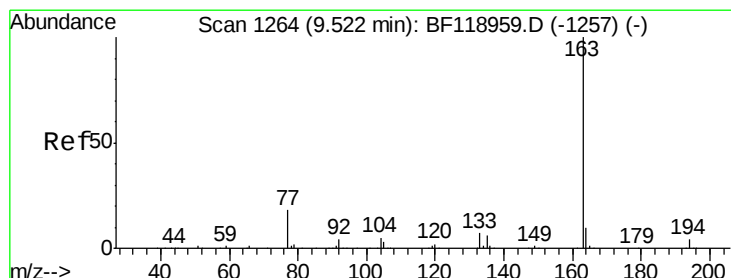
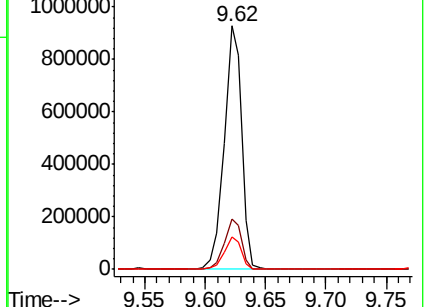
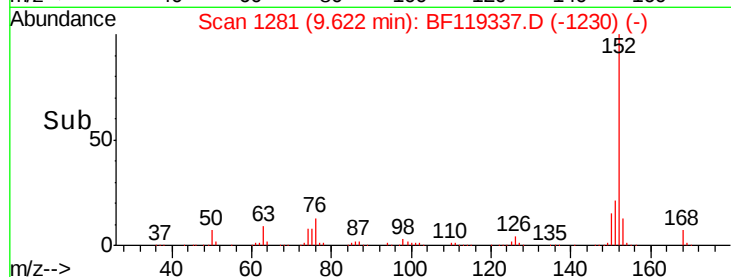
153 13.2 11.0 16.6



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: 53.914 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

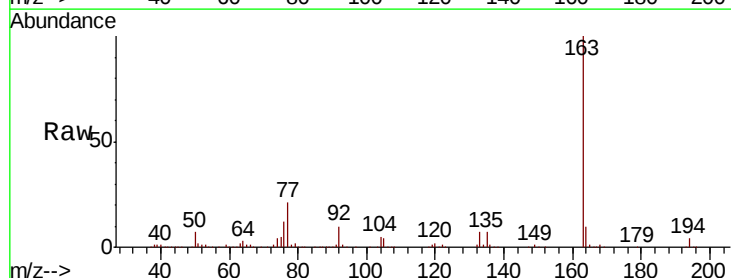
Tgt Ion:163 Resp: 894274

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

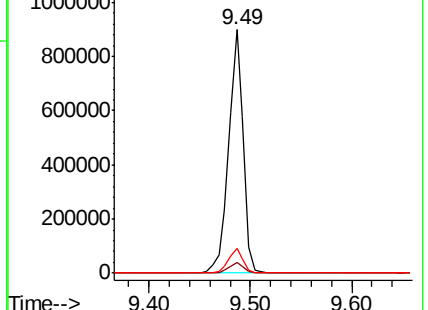
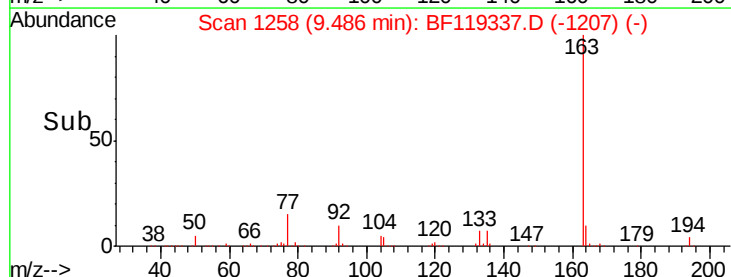
164 10.0 8.4 12.6



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

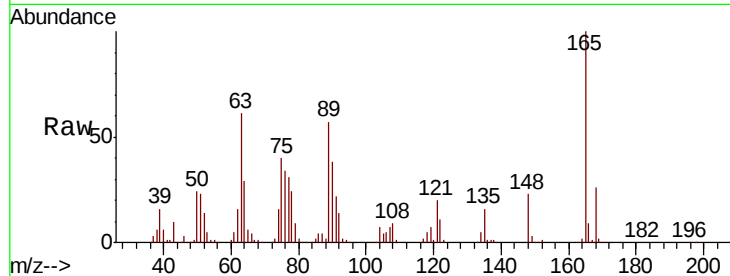




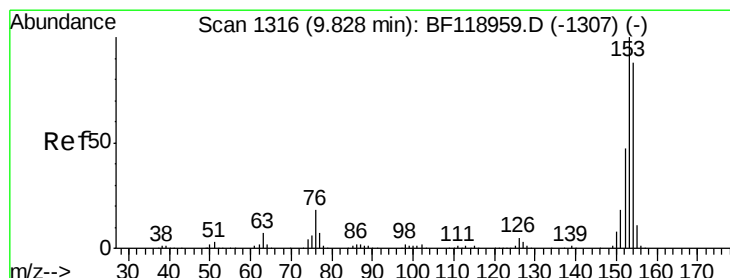
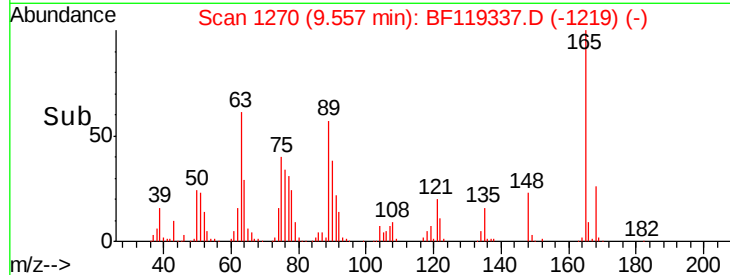
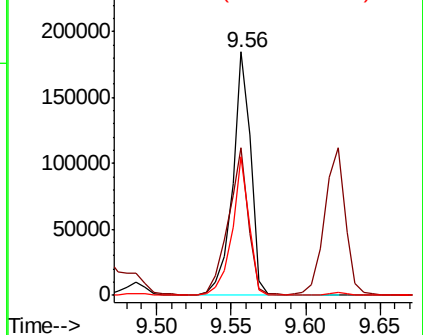
#51
 2,6-Dinitrotoluene
 Concen: 42.927 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF119337.D
 Acq: 11 Mar 2020 6:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.6	34.3	51.5#
89	57.2	38.3	57.5

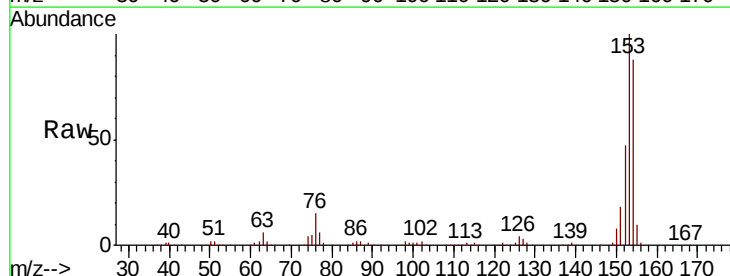


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

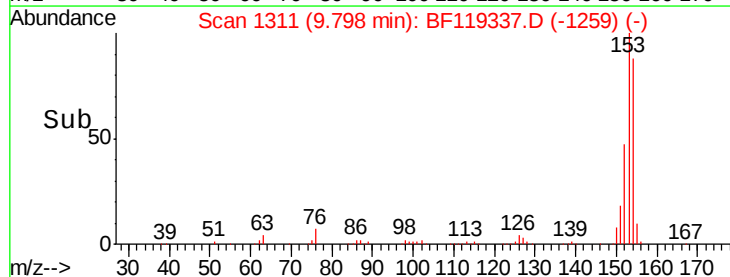
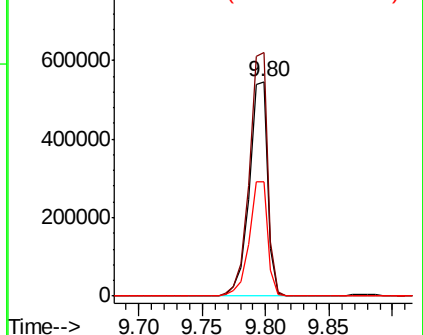


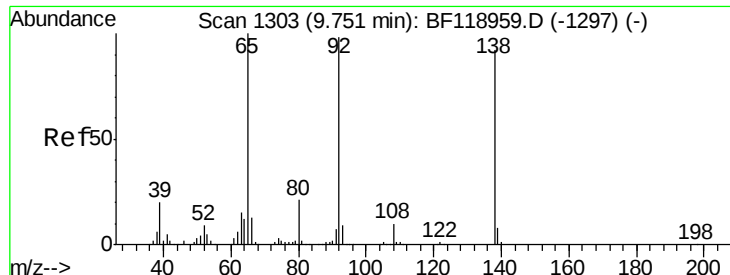
#52
 Acenaphthene
 Concen: 45.041 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.01 min
 Lab File: BF119337.D
 Acq: 11 Mar 2020 6:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.3	135.5
152	53.1	43.8	65.8



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

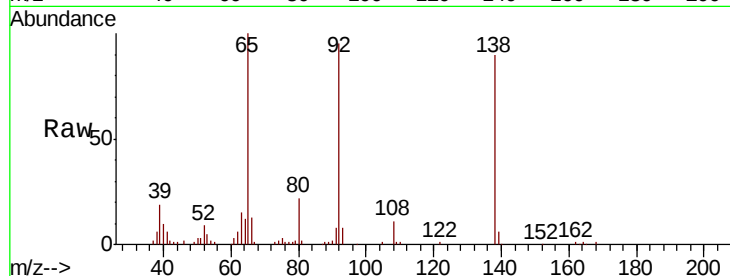




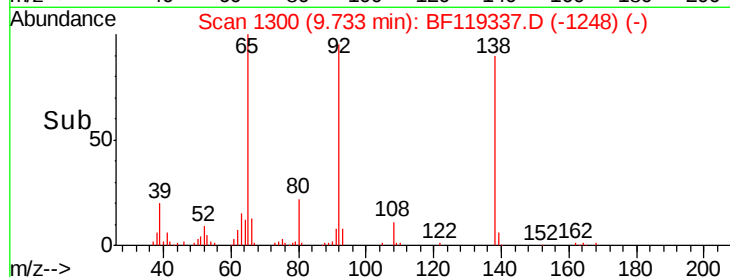
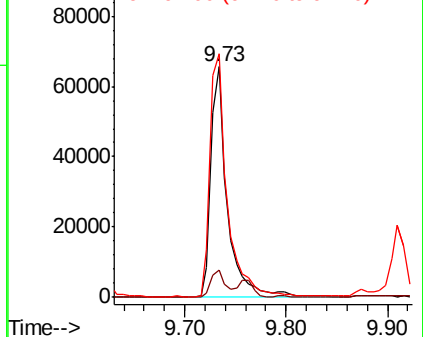
#53
3-Nitroaniline
Concen: 18.191 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 74319
Ion Ratio Lower Upper
138 100
108 11.9 8.8 13.2
92 105.6 84.8 127.2

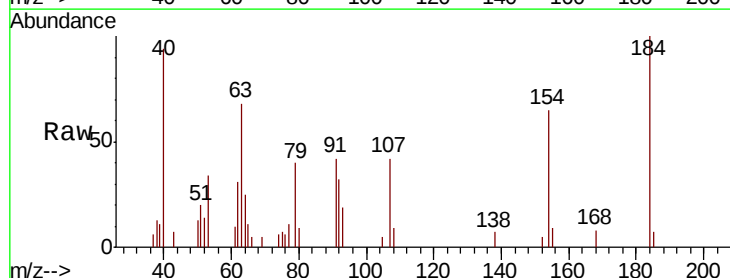


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

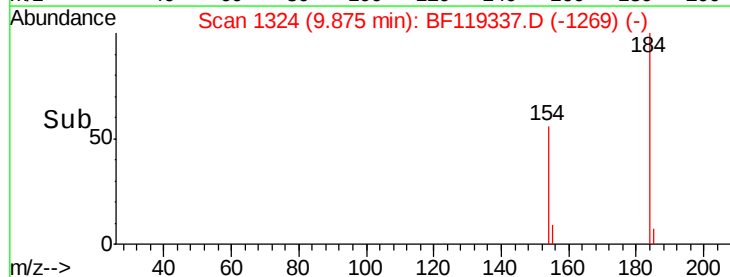
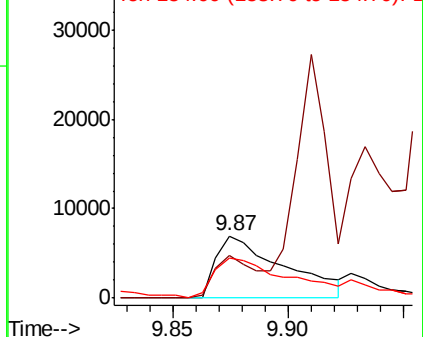


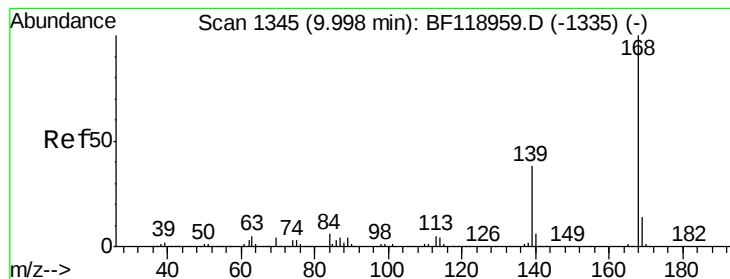
#54
2,4-Dinitrophenol
Concen: 14.663 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.02 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Tgt Ion:184 Resp: 14201
Ion Ratio Lower Upper
184 100
63 67.9 38.7 58.1#
154 65.3 49.7 74.5



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: 43.878 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

Instrument :

BNA_F

ClientSampleId :

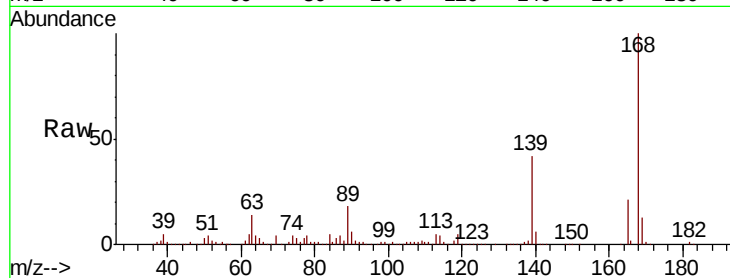
Tot Ion:168 Resp: 805786

Ion Ratio Lower Upper

168 100

139 41.6 34.0 51.0

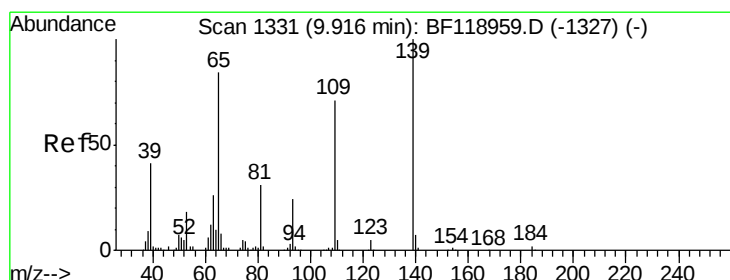
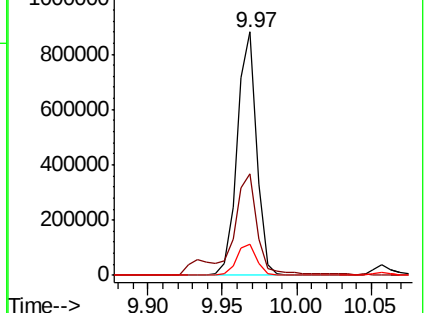
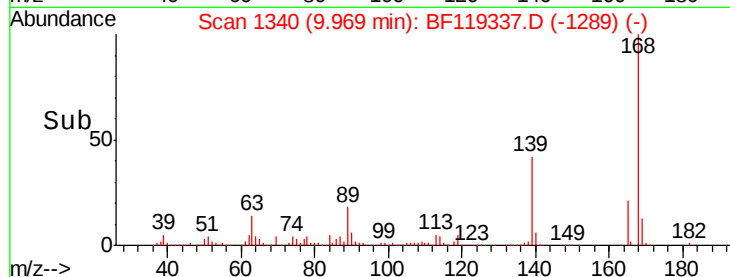
169 13.0 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 27.517 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.02 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

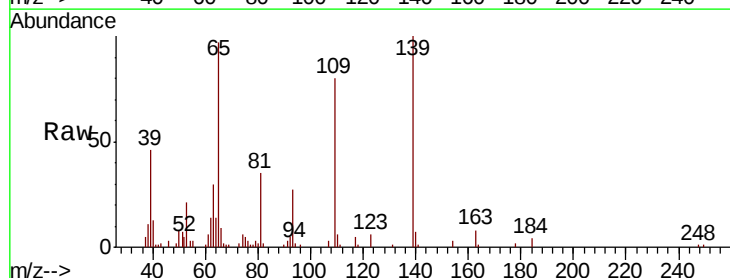
Tgt Ion:139 Resp: 67544

Ion Ratio Lower Upper

139 100

109 79.8 56.7 96.7

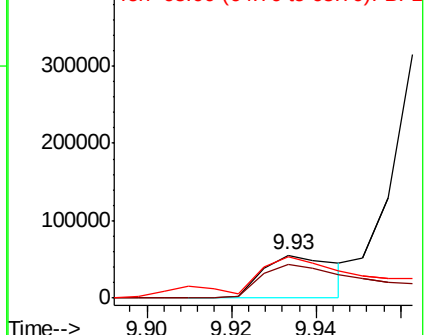
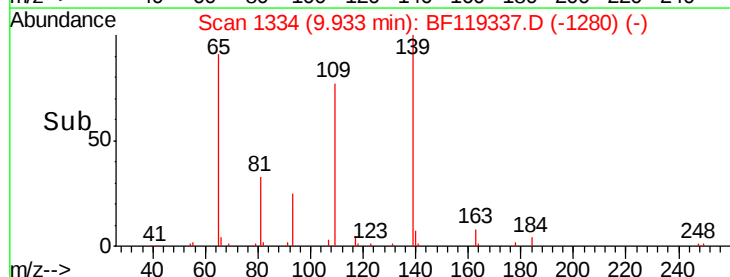
65 97.3 65.0 105.0

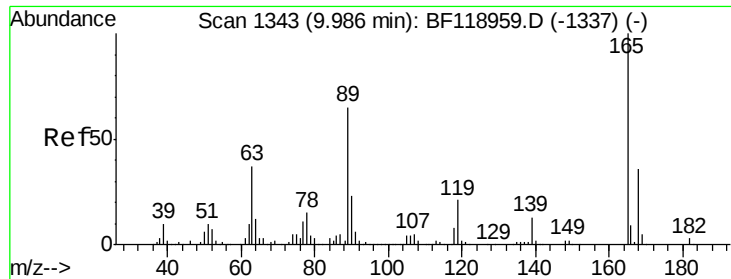


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

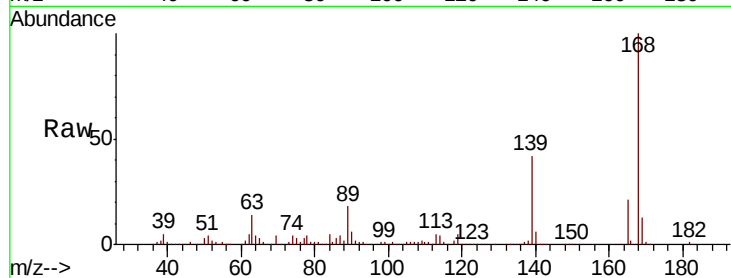




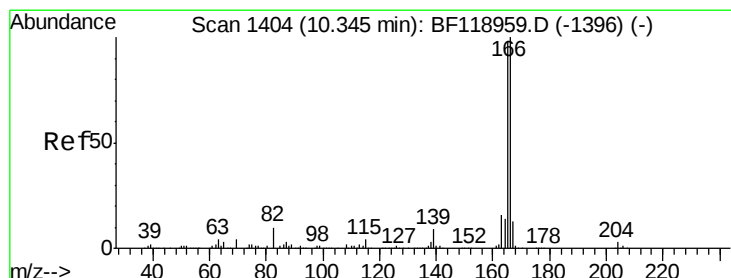
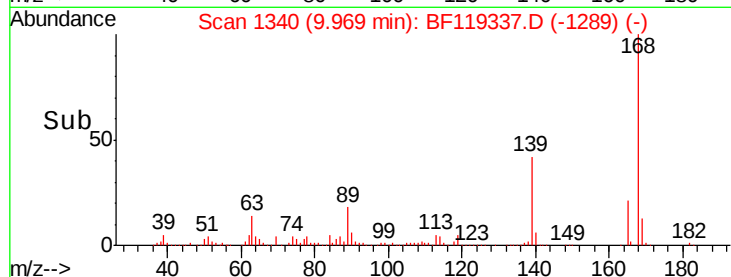
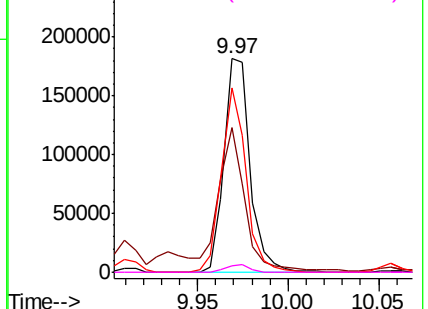
#57
2,4-Dinitrotoluene
Concen: 38.067 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	67.8	42.3	63.5#
89	86.5	60.2	90.4
182	2.8	2.3	3.5

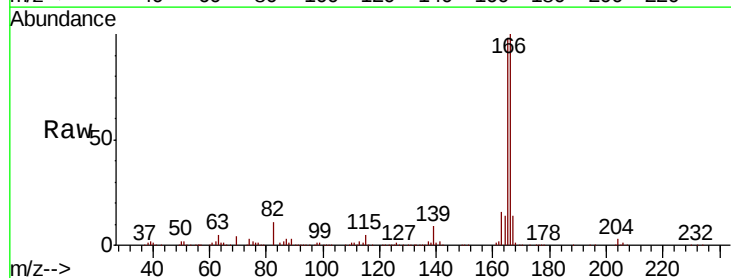


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

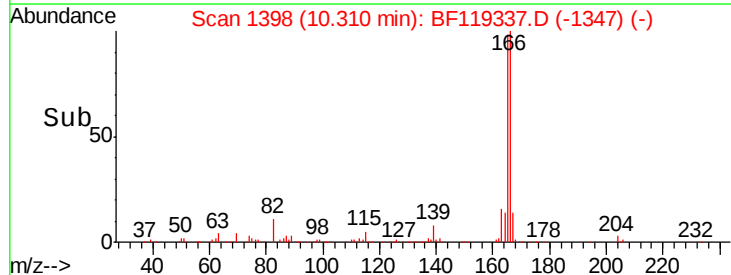
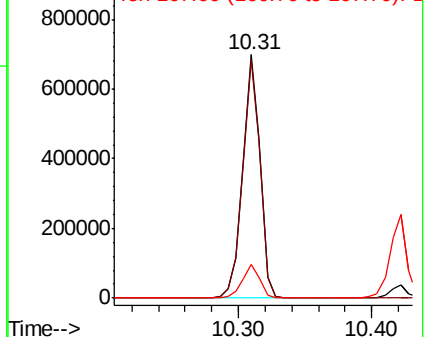


#58
Fluorene
Concen: 44.091 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.5	117.7
167	13.6	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.657 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 166259

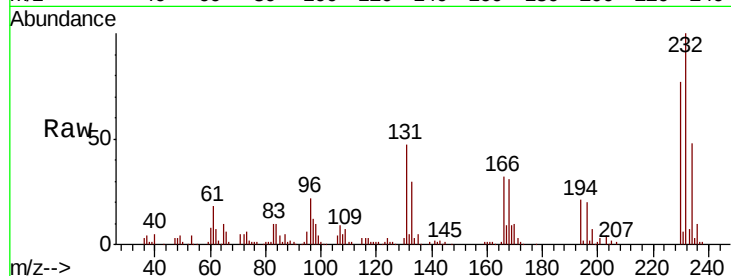
Ion Ratio Lower Upper

232 100

131 44.4 33.8 50.8

130 2.4 1.8 2.6

166 28.2 23.0 34.4

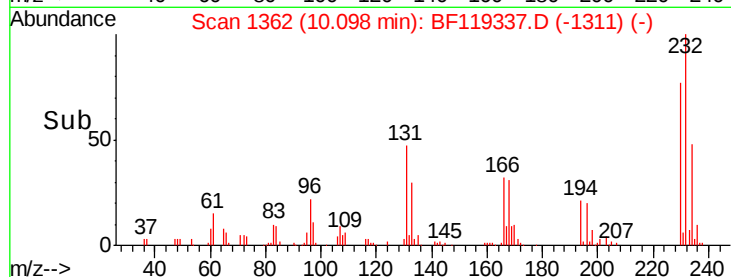


Abundance Ion 232.00 (231.70 to 232.70): E

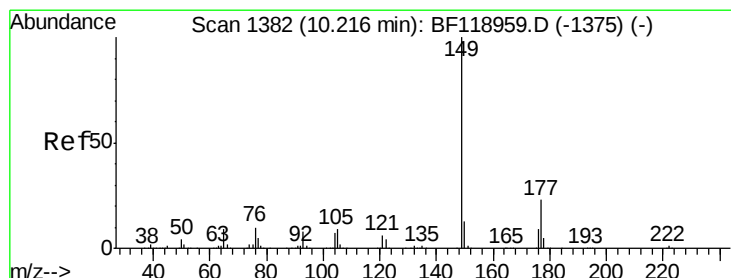
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 48.695 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

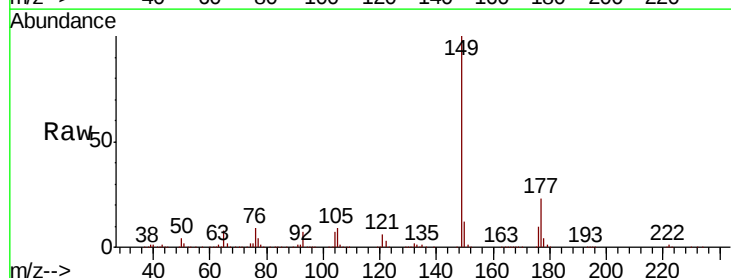
Tgt Ion:149 Resp: 761174

Ion Ratio Lower Upper

149 100

177 22.8 18.2 27.2

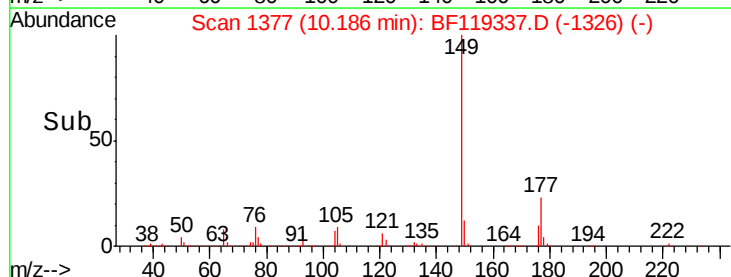
150 12.4 10.5 15.7



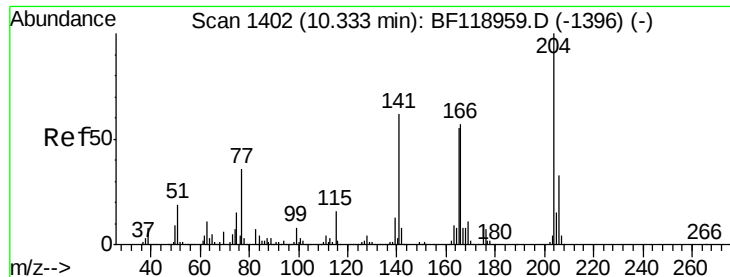
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



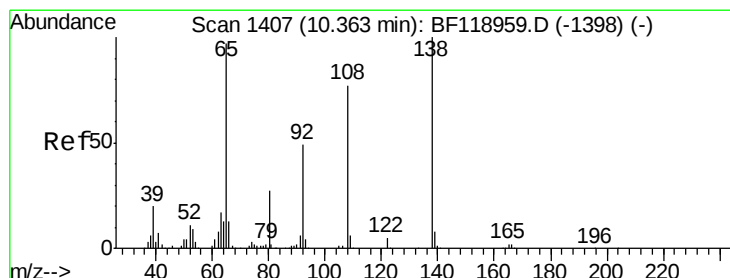
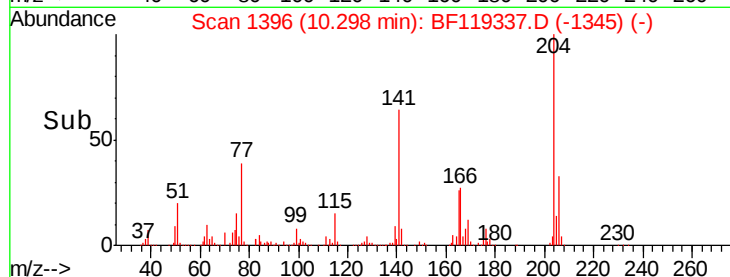
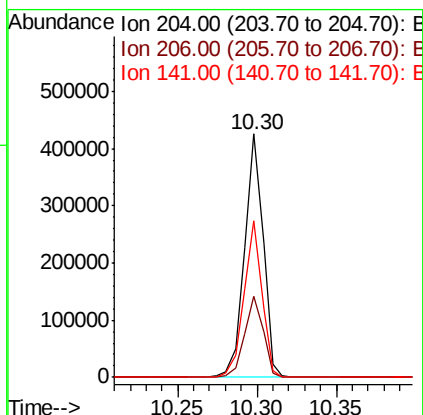
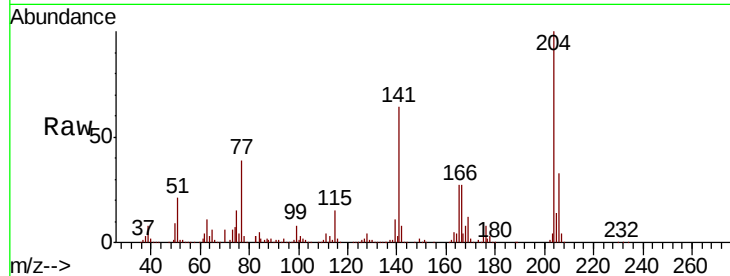
Time-->



#61
4-Chlorophenyl-phenylether
Concen: 45.610 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

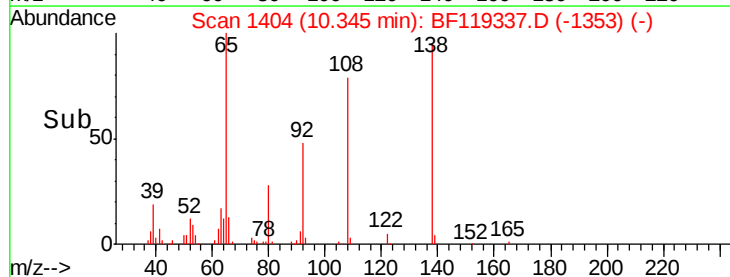
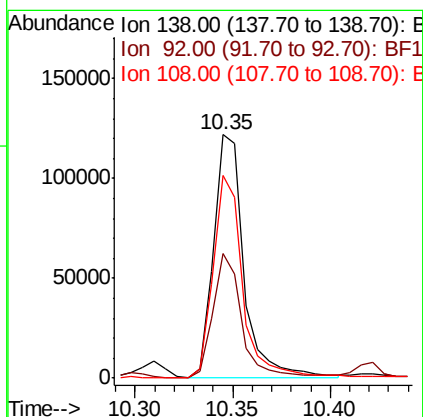
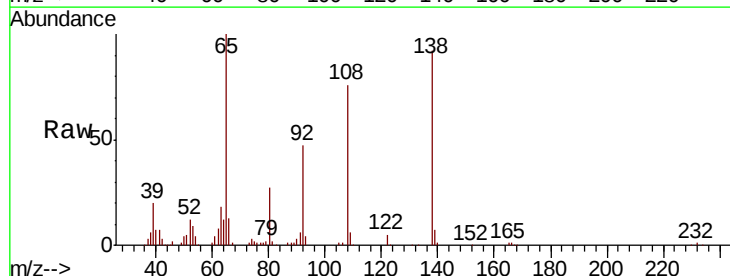
Instrument :
BNA_F
ClientSampleId :

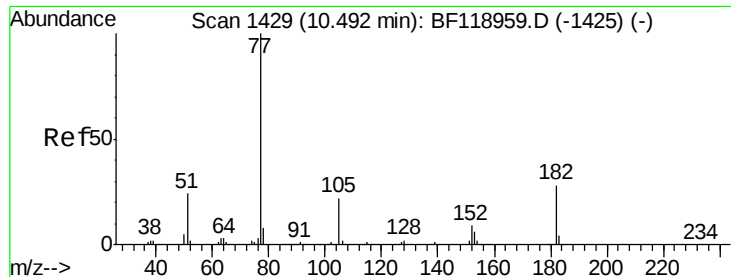
Tot Ion:204 Resp: 344508
Ion Ratio Lower Upper
204 100
206 33.4 27.1 40.7
141 64.4 52.9 79.3



#62
4-Nitroaniline
Concen: 31.604 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Tgt Ion:138 Resp: 132102
Ion Ratio Lower Upper
138 100
92 51.1 27.3 67.3
108 83.1 57.0 97.0

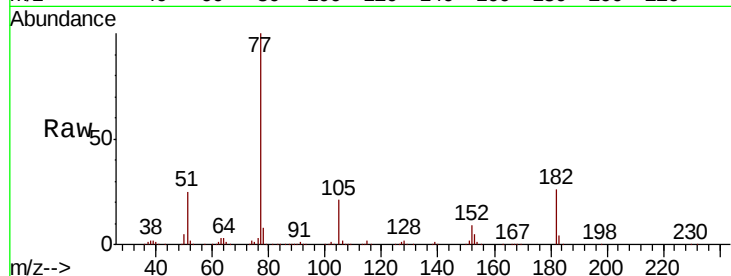




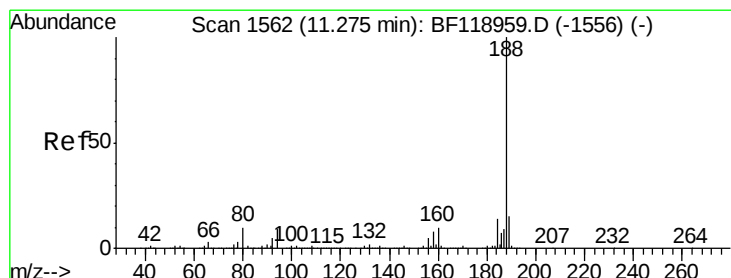
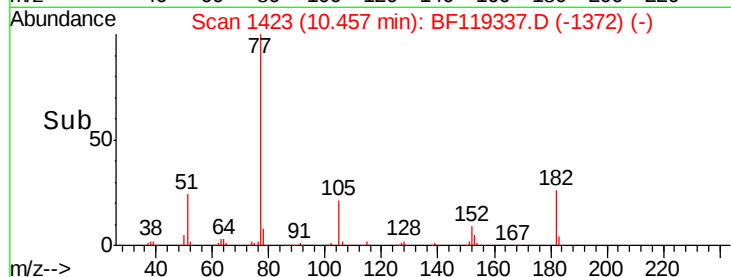
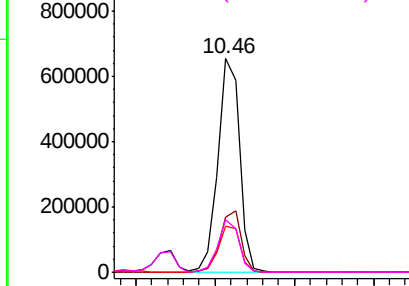
#63
Azobenzene
Concen: 45.512 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 618362
Ion Ratio Lower Upper
77 100
182 26.0 11.4 51.4
105 21.4 3.4 43.4
51 24.5 5.1 45.1

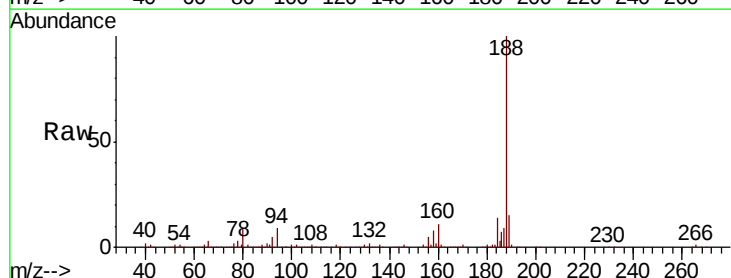


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

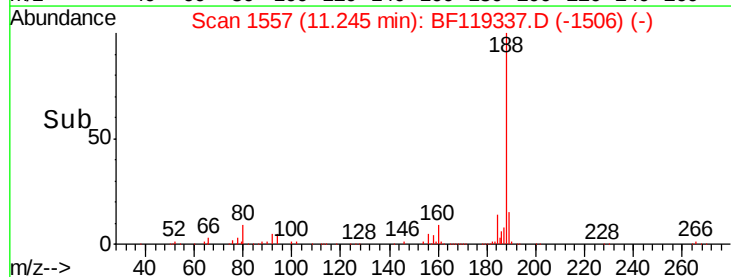
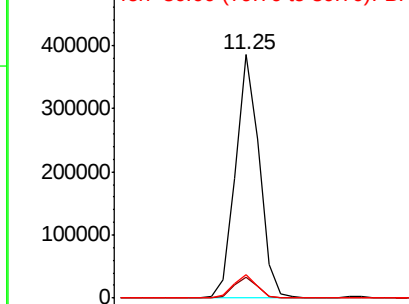


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Tgt Ion: 188 Resp: 326055
Ion Ratio Lower Upper
188 100
94 8.5 7.1 10.7
80 9.5 7.8 11.8



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

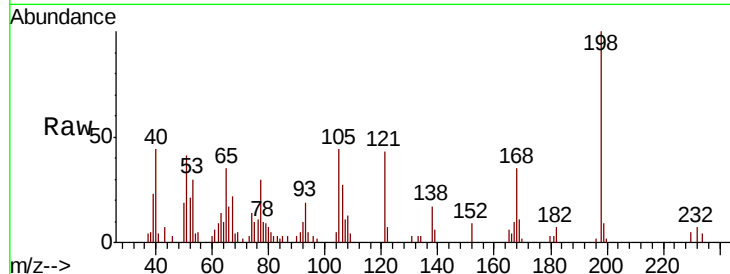




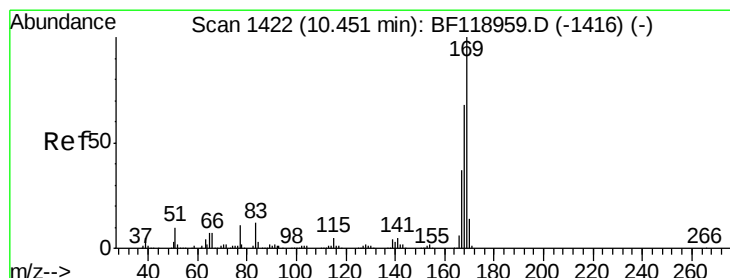
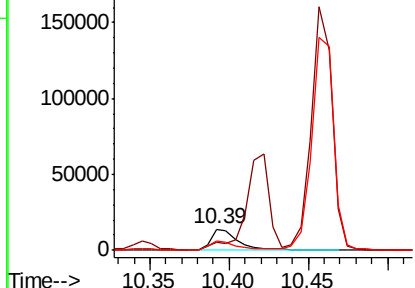
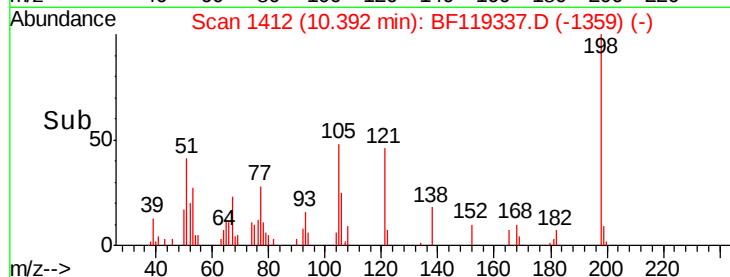
#65
4,6-Dinitro-2-methylphenol
Concen: 8.795 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 17352
Ion Ratio Lower Upper
198 100
51 40.7 14.2 54.2
105 44.4 22.7 62.7

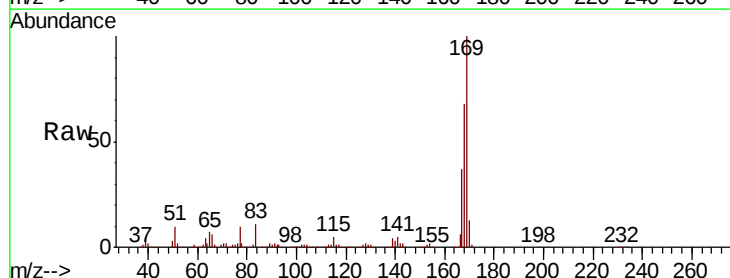


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

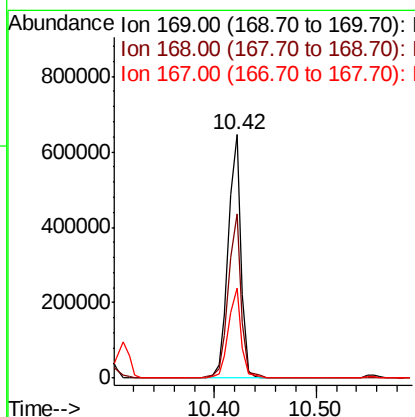
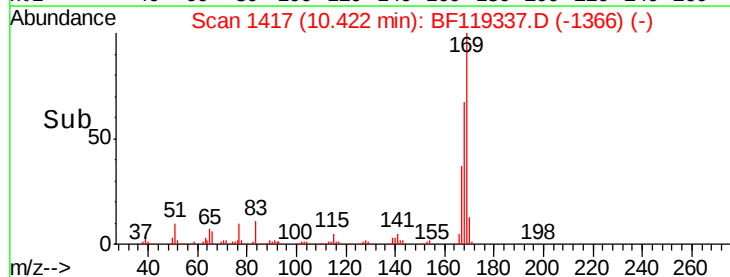


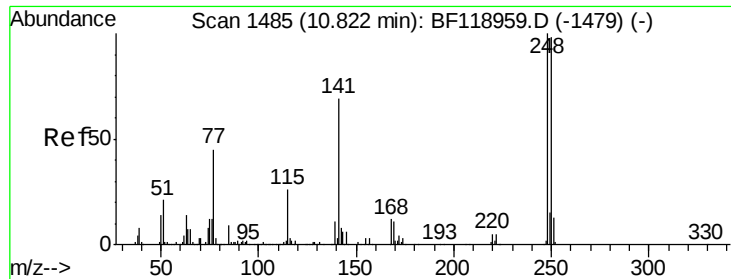
#66
n-Nitrosodiphenylamine
Concen: 52.884 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Tgt Ion:169 Resp: 564606
Ion Ratio Lower Upper
169 100
168 67.7 54.1 81.1
167 37.1 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

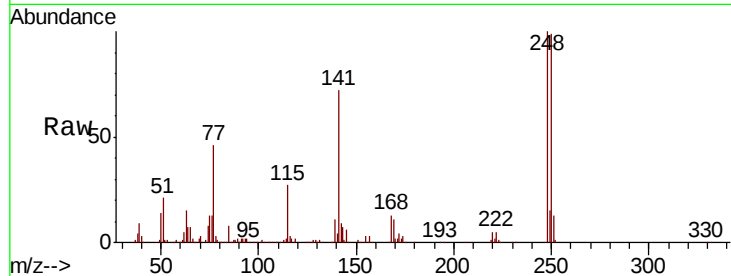




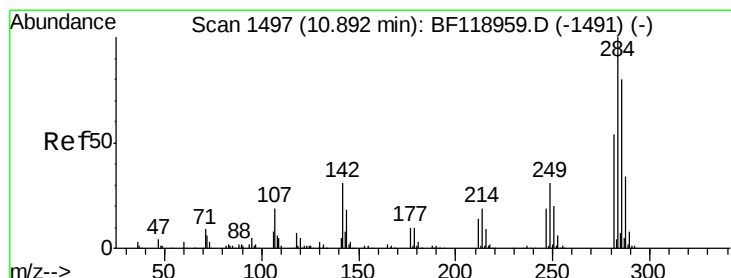
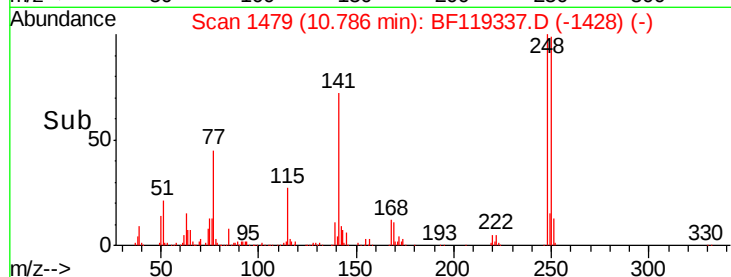
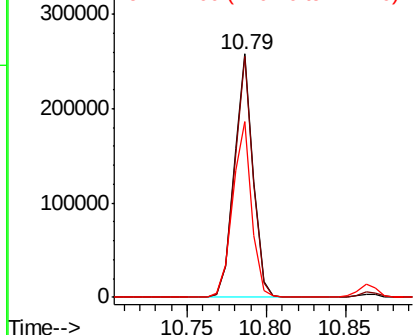
#67
4-Bromophenyl-phenylether
Concen: 49.516 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 211033
Ion Ratio Lower Upper
248 100
250 98.8 76.7 115.1
141 72.2 60.7 91.1

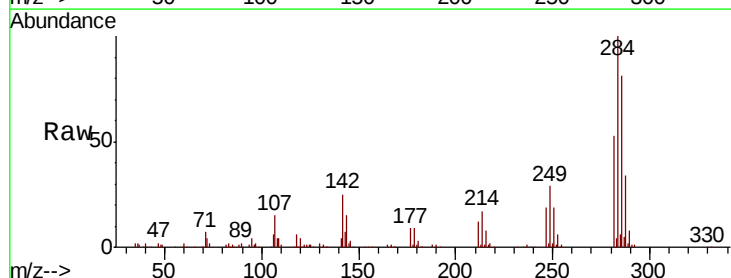


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

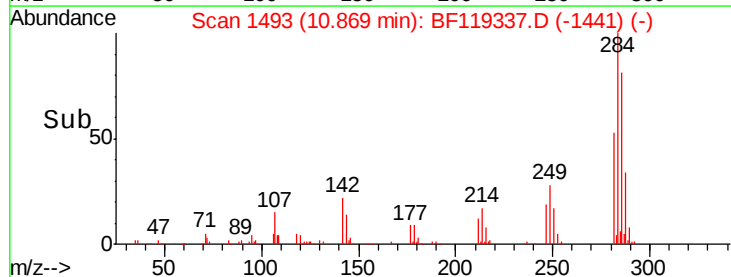
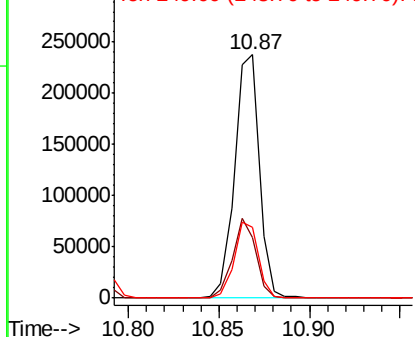


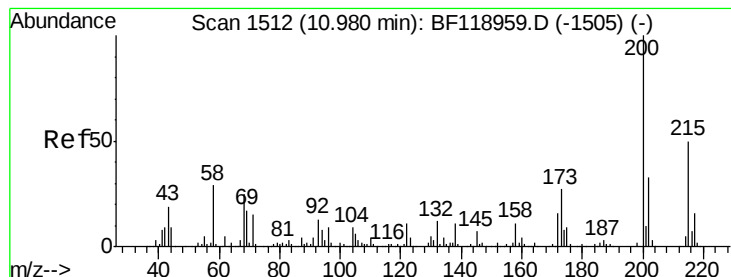
#68
Hexachlorobenzene
Concen: 46.023 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Tgt Ion:284 Resp: 226146
Ion Ratio Lower Upper
284 100
142 24.8 23.7 35.5
249 29.2 25.0 37.6



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: 48.876 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

Instrument :

BNA_F

ClientSampleId :

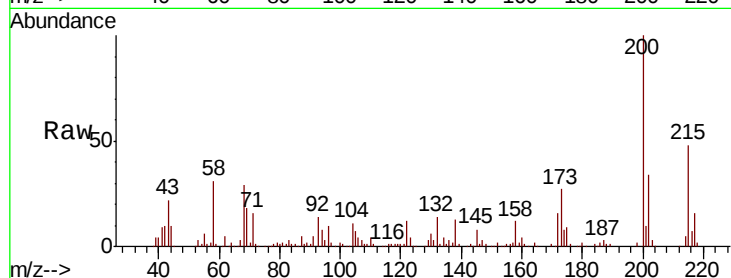
Tot Ion:200 Resp: 182315

Ion Ratio Lower Upper

200 100

173 27.3 6.4 46.4

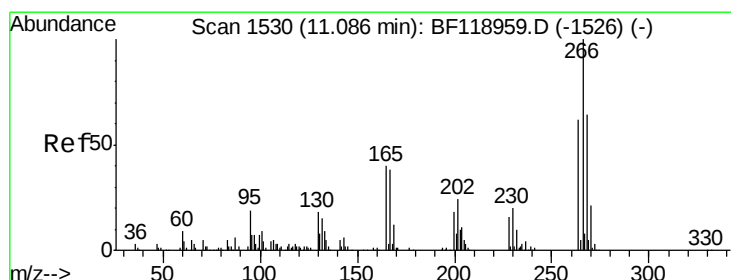
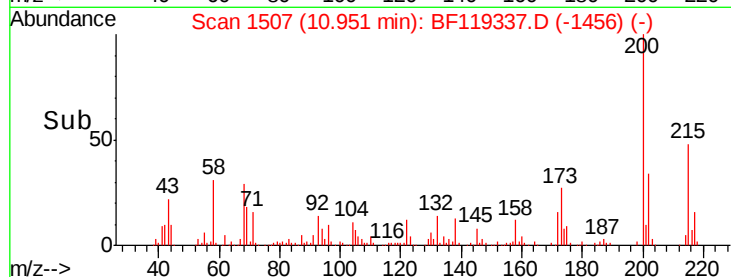
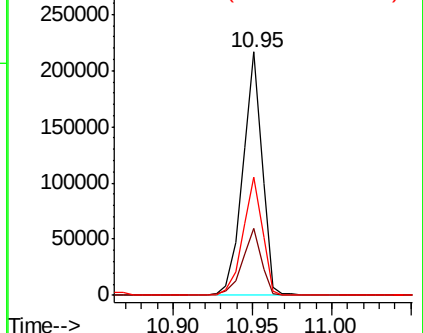
215 48.4 27.4 67.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 76.604 ng

RT: 11.07 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

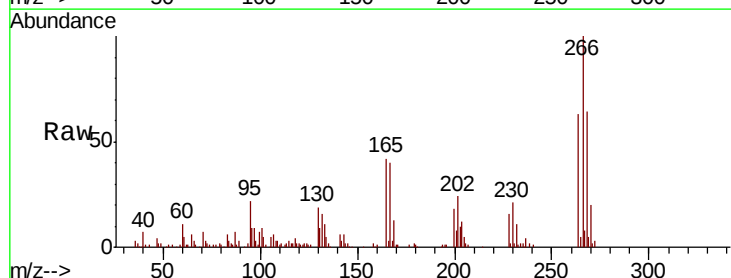
Tgt Ion:266 Resp: 151630

Ion Ratio Lower Upper

266 100

268 63.7 51.9 77.9

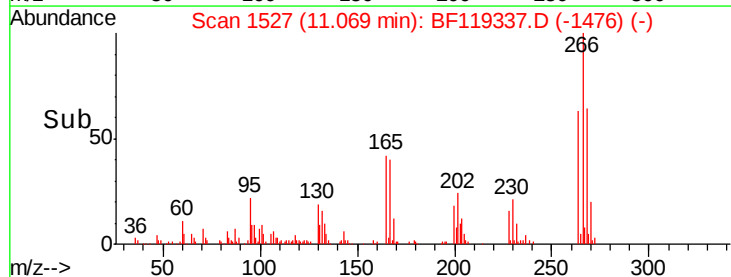
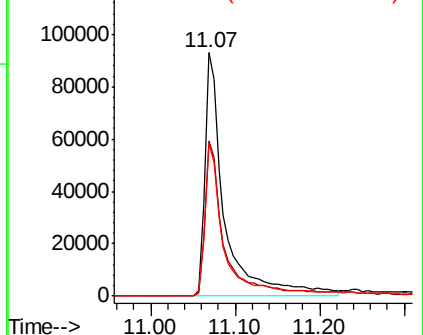
264 62.6 51.0 76.4

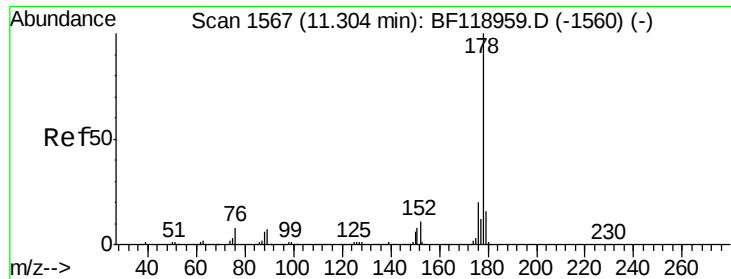


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

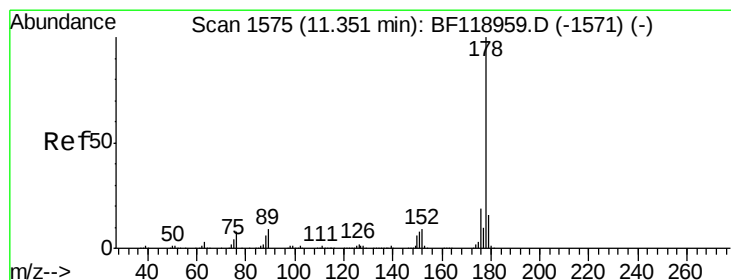
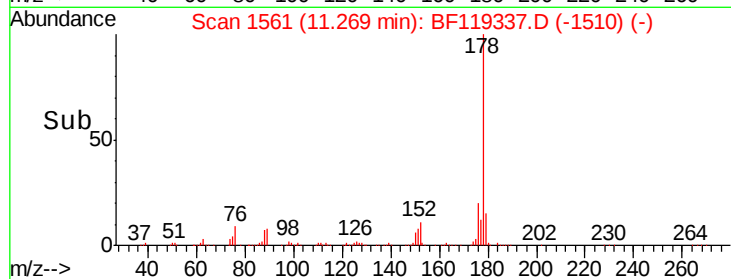
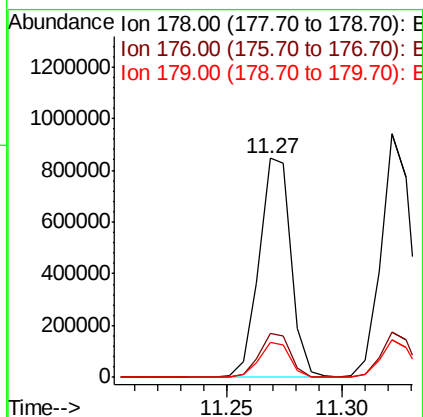
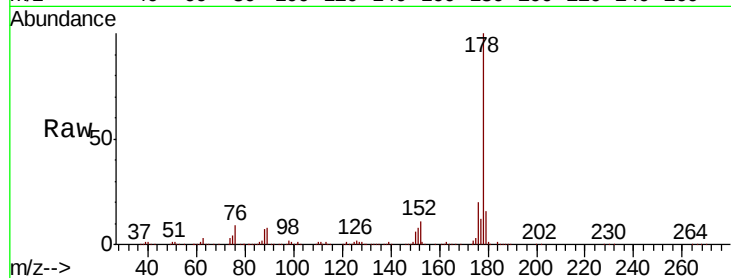




#71
Phenanthrene
Concen: 46.177 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

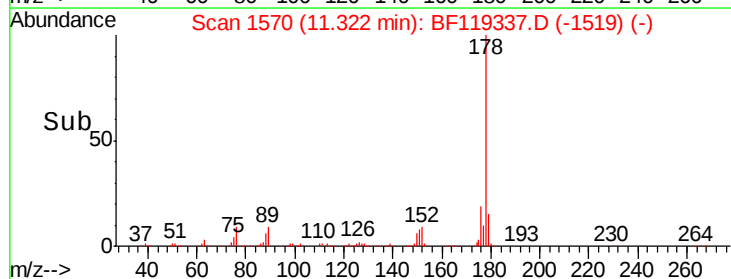
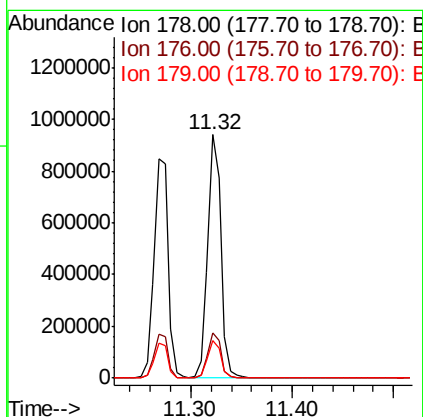
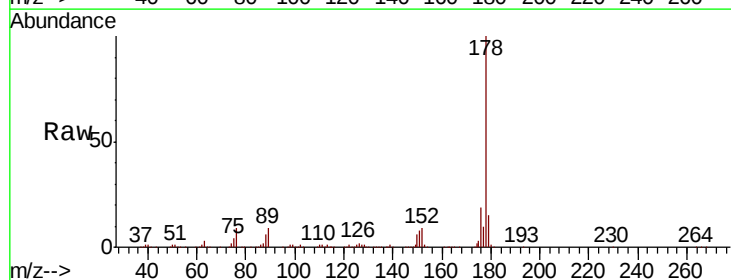
Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 821086
Ion Ratio Lower Upper
178 100
176 20.0 16.5 24.7
179 15.8 13.0 19.6



#72
Anthracene
Concen: 47.959 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Tgt Ion:178 Resp: 852063
Ion Ratio Lower Upper
178 100
176 18.8 16.0 24.0
179 15.4 13.1 19.7

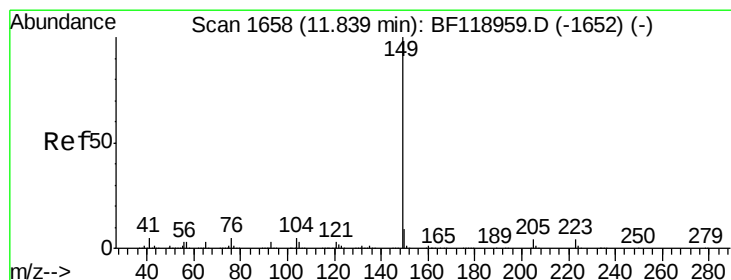
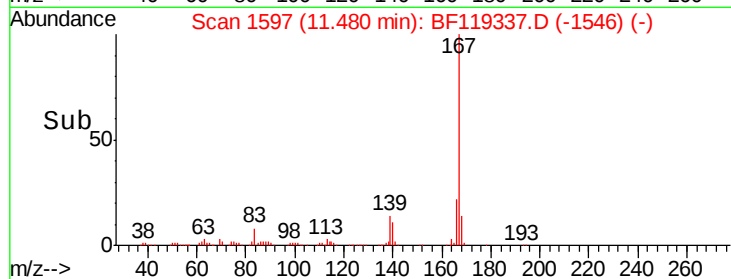
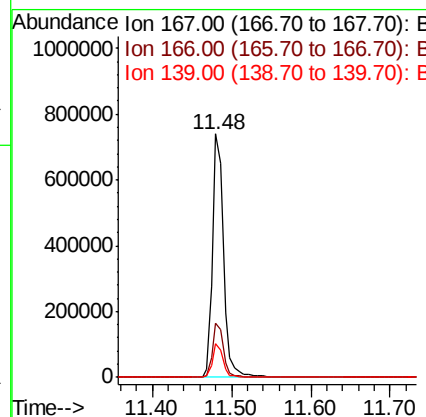
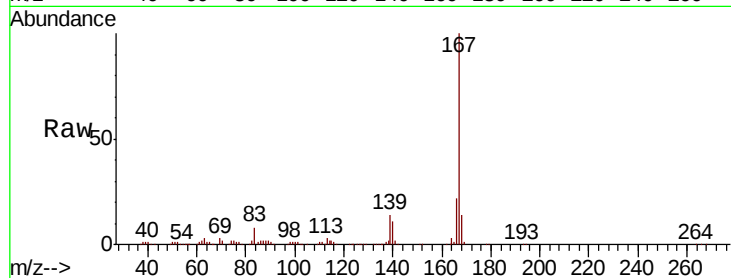




#73
 Carbazole
 Concen: 45.619 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF119337.D
 Acq: 11 Mar 2020 6:29

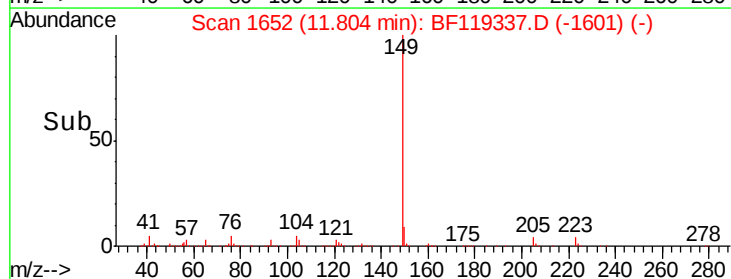
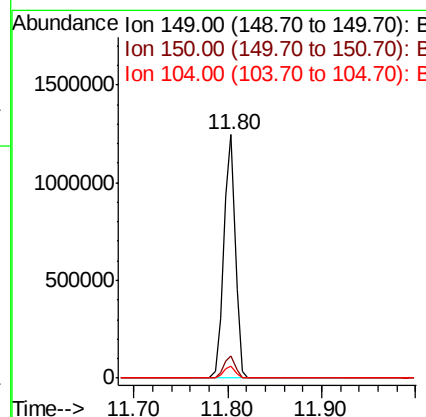
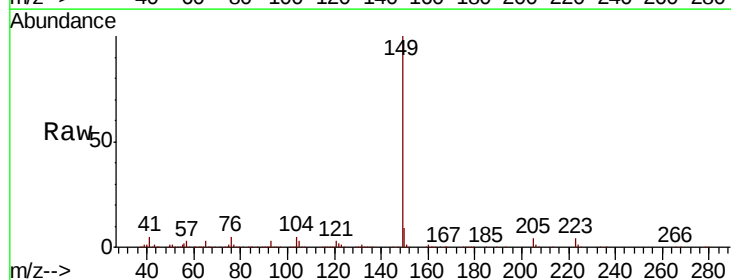
Instrument :
 BNA_F
 ClientSampleId :

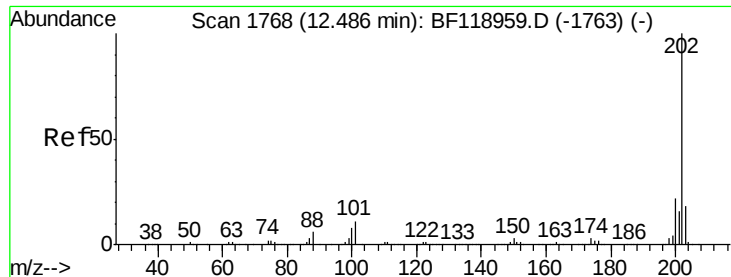
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	13.8	11.7	17.5



#74
 Di-n-butylphthalate
 Concen: 55.719 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119337.D
 Acq: 11 Mar 2020 6:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.0	4.6	6.8

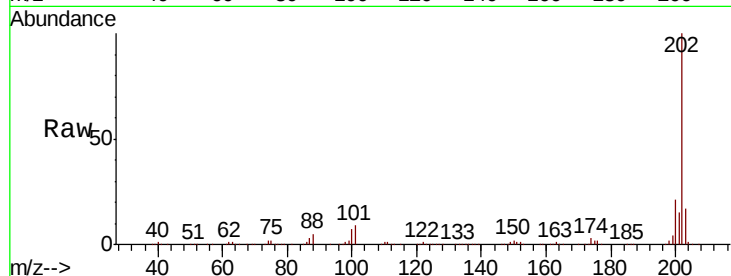




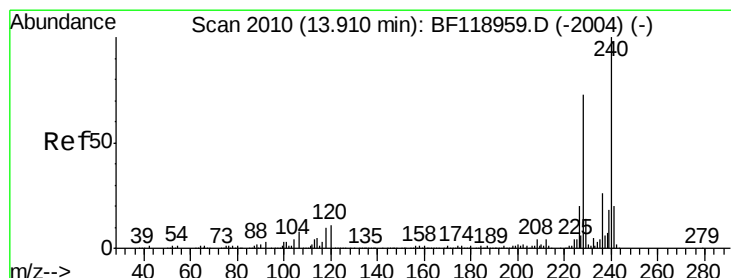
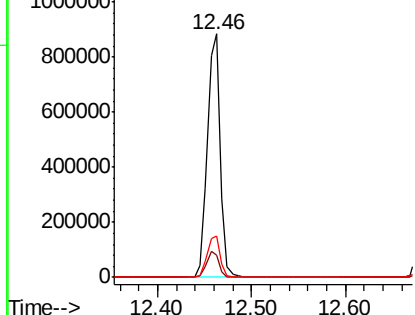
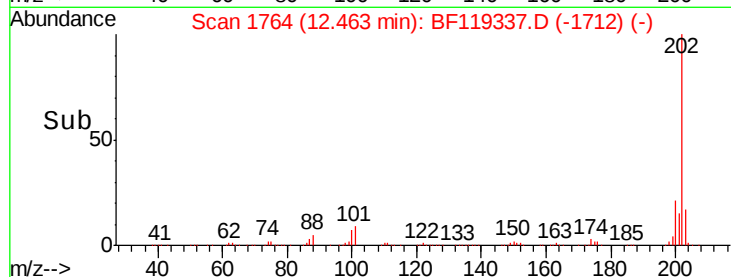
#75
Fluoranthene
Concen: 45.278 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.3
203	17.2	0.0	38.4

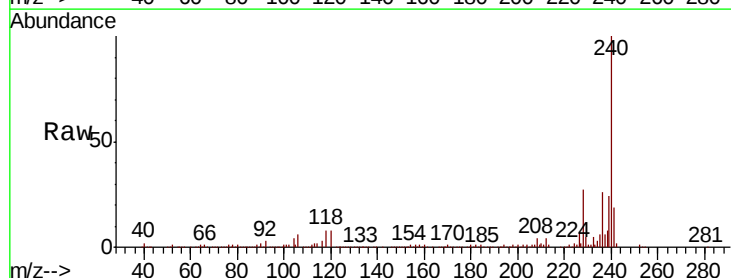


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

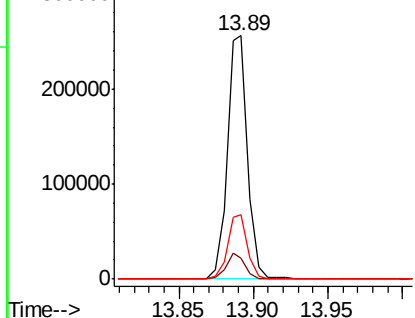
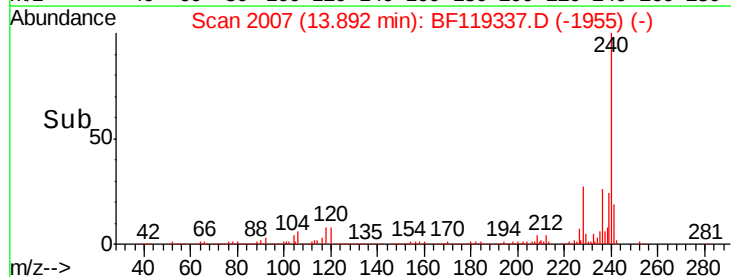


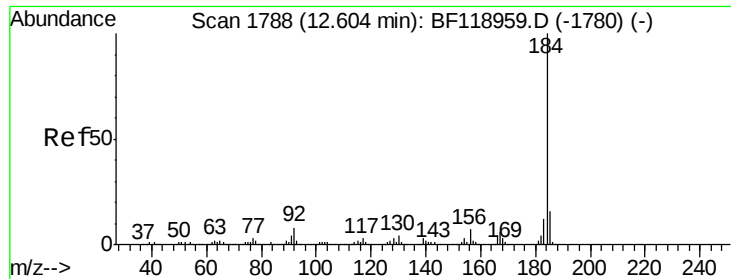
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	8.4	12.6
236	26.5	21.0	31.4



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: 16.670 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

Instrument :

BNA_F

ClientSampleId :

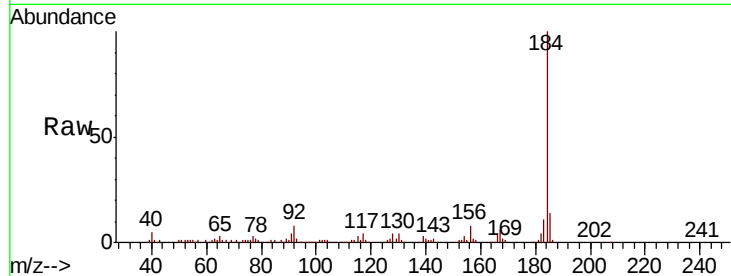
Tot Ion:184 Resp: 166474

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.4

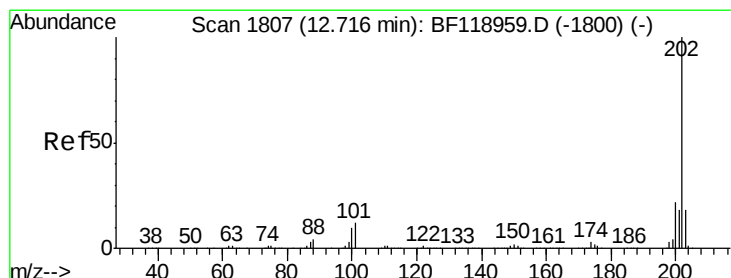
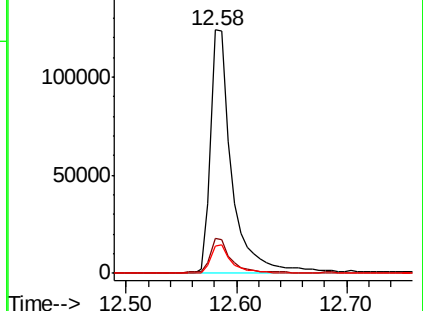
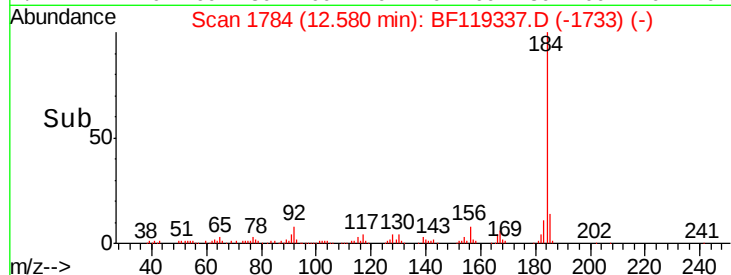
183 11.3 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.375 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

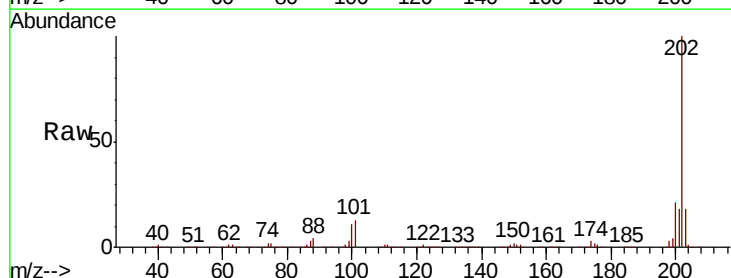
Tgt Ion:202 Resp: 855235

Ion Ratio Lower Upper

202 100

200 21.5 18.0 27.0

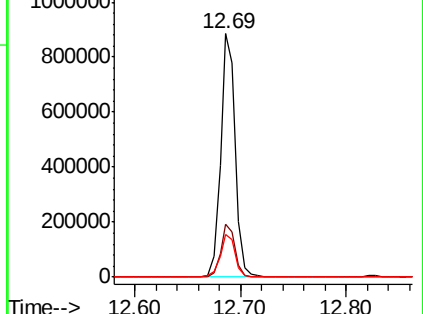
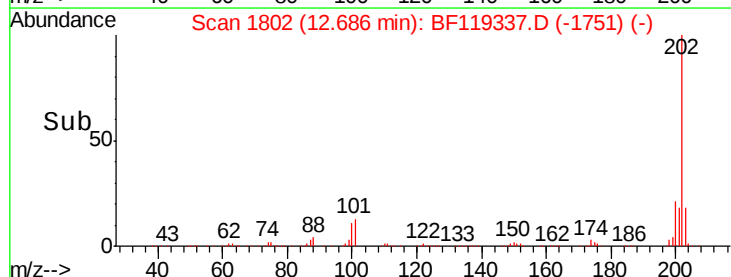
203 17.7 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



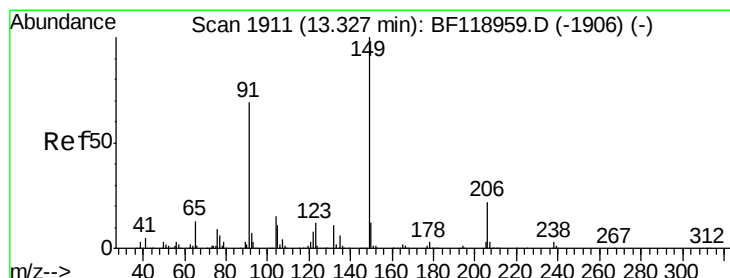
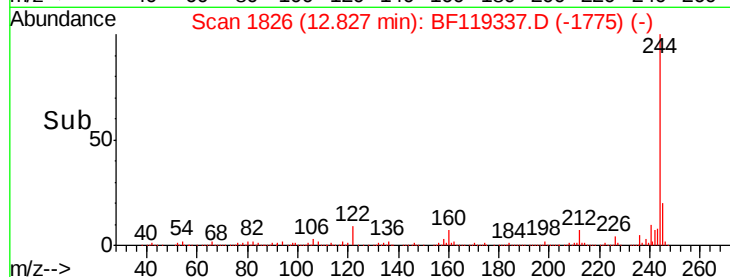
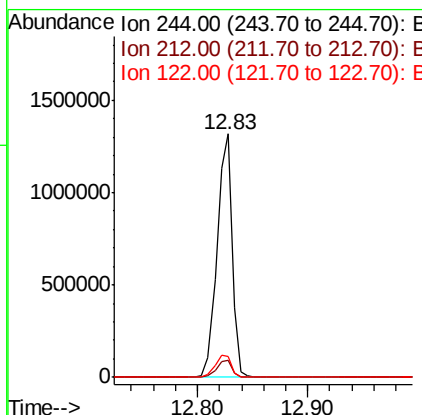
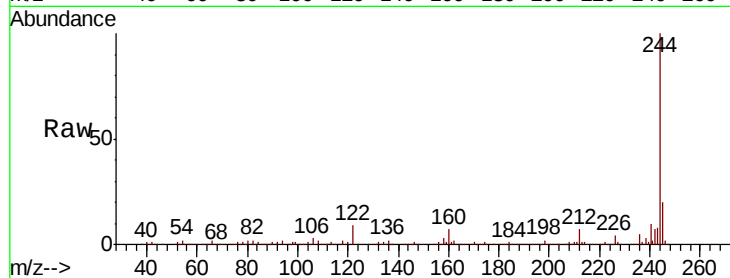


#79
 Terphenyl-d14
 Concen: 87.271 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119337.D
 Acq: 11 Mar 2020 6:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1244680

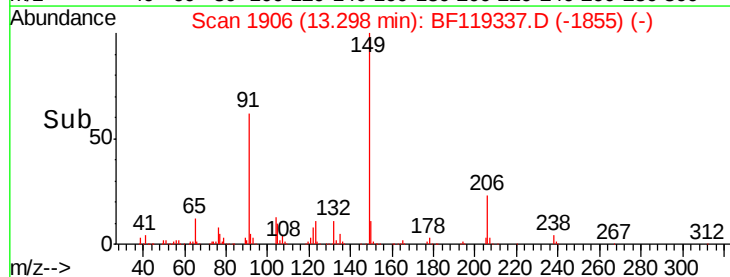
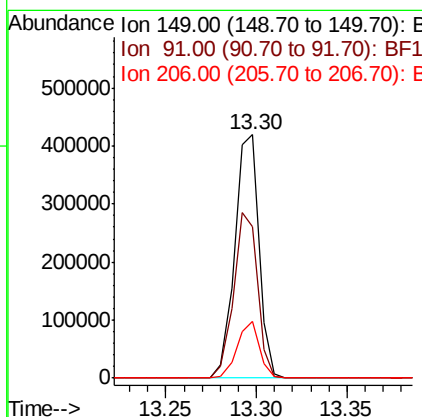
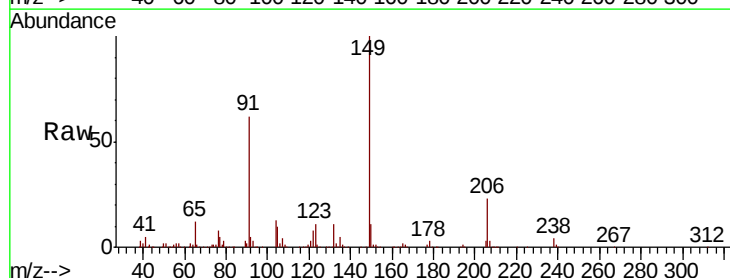
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.6	10.0
122	8.8	8.2	12.2



#80
 Butylbenzylphthalate
 Concen: 47.115 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF119337.D
 Acq: 11 Mar 2020 6:29

Tgt Ion:149 Resp: 390984

Ion	Ratio	Lower	Upper
149	100		
91	62.0	52.3	78.5
206	23.1	18.5	27.7





#81

Benzo(a)anthracene

Concen: 48.610 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

Instrument :

BNA_F

ClientSampleId :

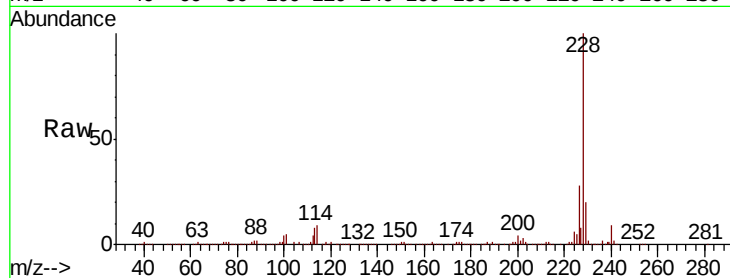
Tot Ion:228 Resp: 813297

Ion Ratio Lower Upper

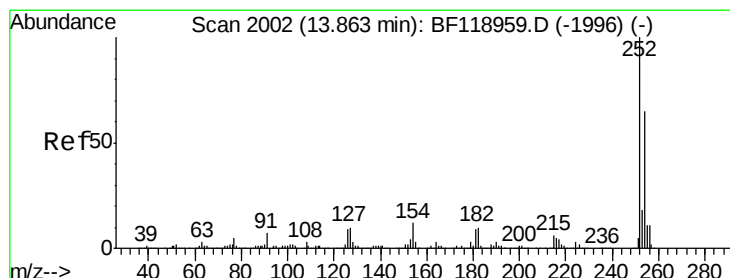
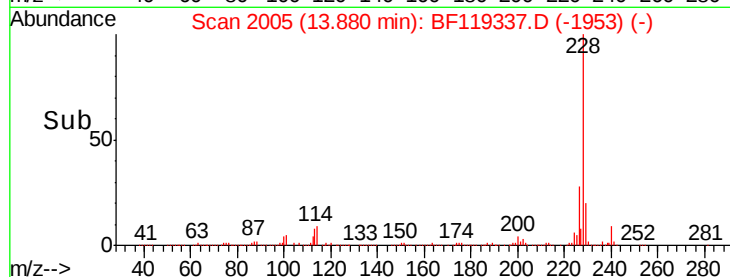
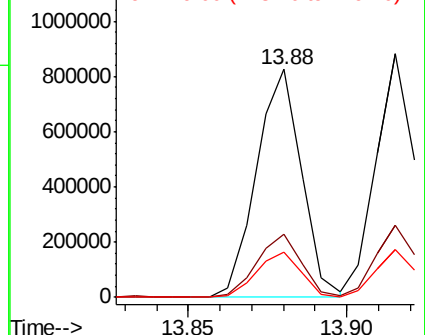
228 100

226 27.5 22.6 33.8

229 19.9 16.6 24.8



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: 38.448 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

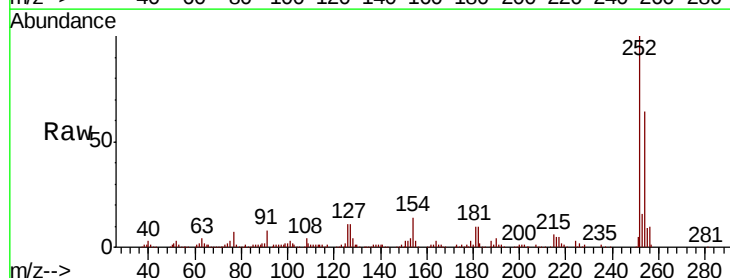
Tgt Ion:252 Resp: 249787

Ion Ratio Lower Upper

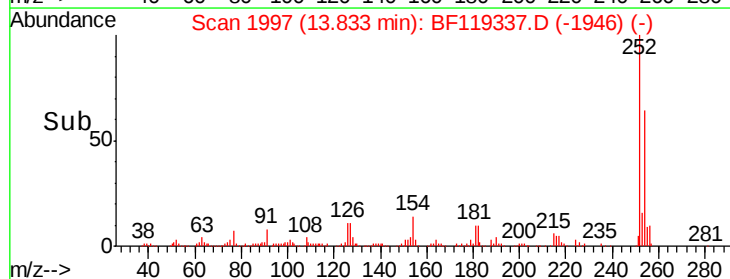
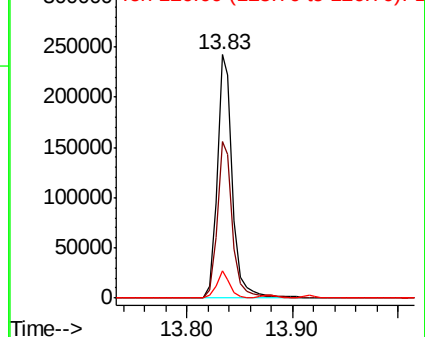
252 100

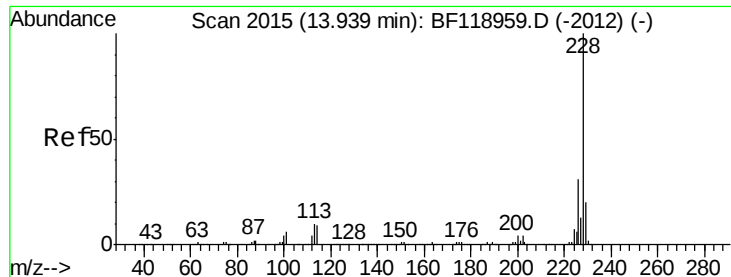
254 64.4 51.6 77.4

126 11.1 7.4 11.0#



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

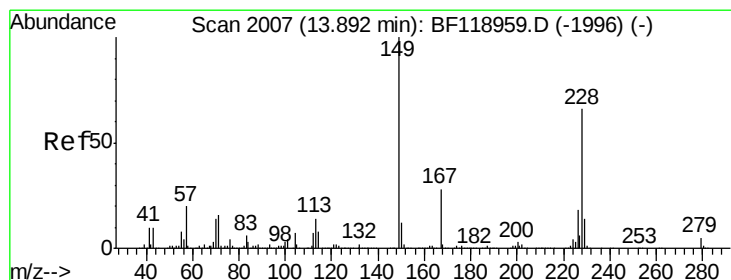
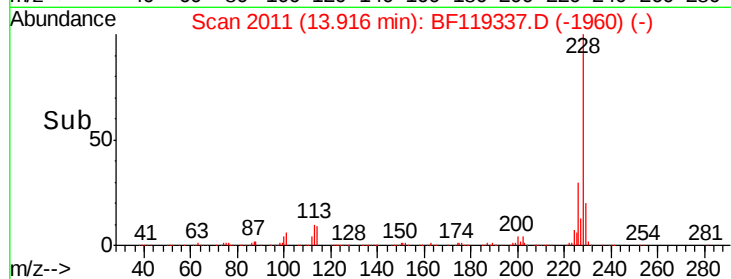
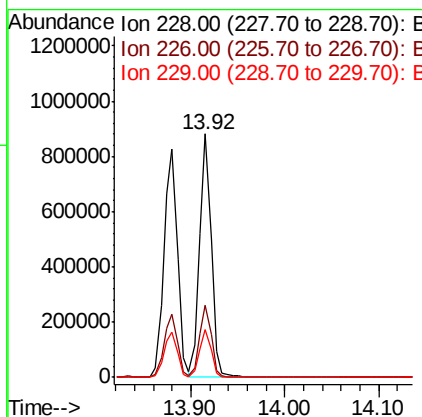
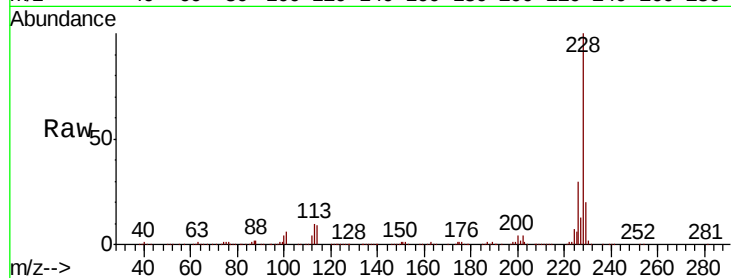




#83
 Chrysene
 Concen: 45.834 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119337.D
 Acq: 11 Mar 2020 6:29

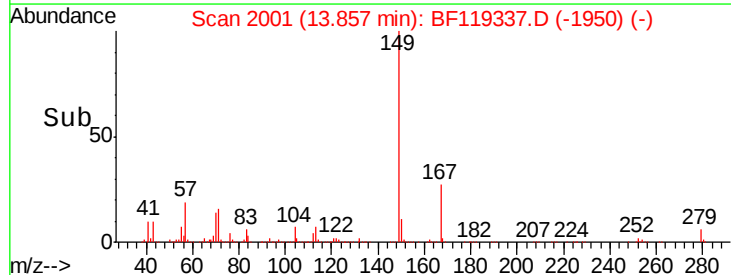
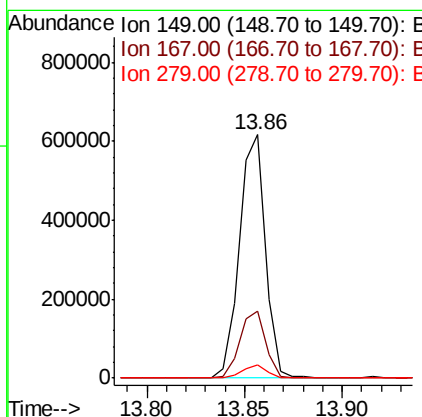
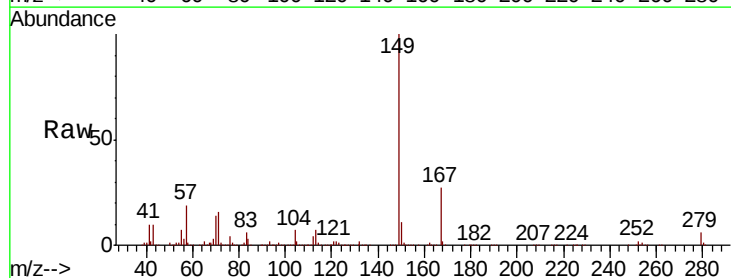
Instrument :
 BNA_F
 ClientSampled :

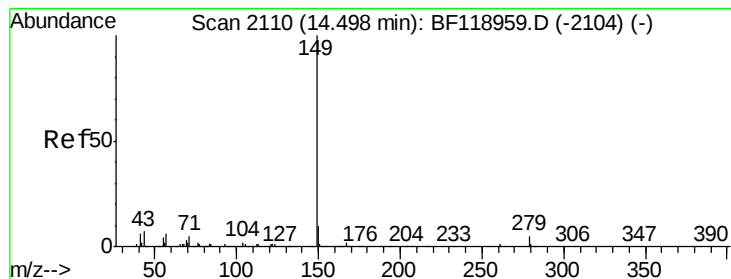
Tot Ion:228 Resp: 764101
 Ion Ratio Lower Upper
 228 100
 226 29.6 25.1 37.7
 229 19.6 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.182 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119337.D
 Acq: 11 Mar 2020 6:29

Tgt Ion:149 Resp: 568037
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.8 34.2
 279 5.6 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 56.817 ng

RT: 14.46 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

Instrument :

BNA_F

ClientSampled :

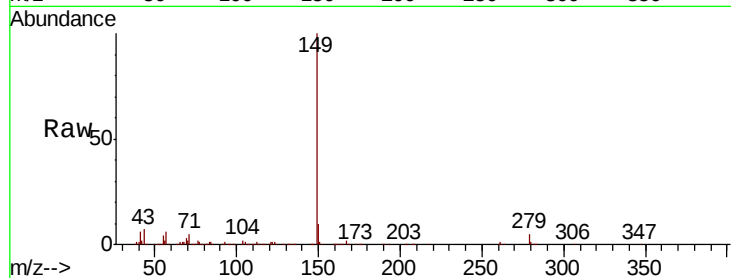
Tot Ion:149 Resp: 949082

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

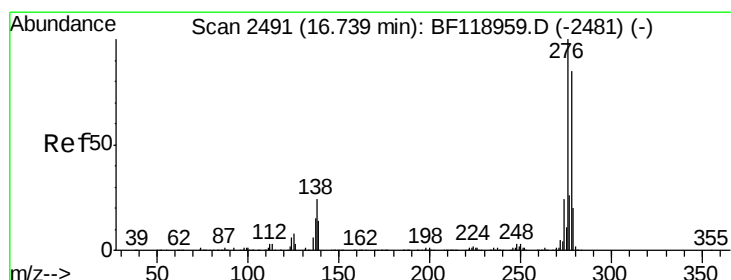
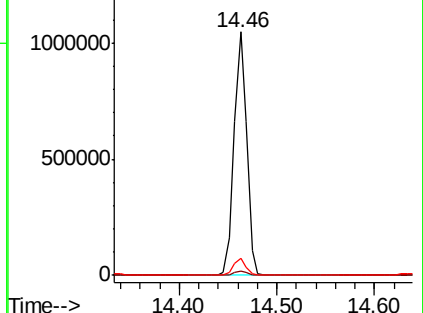
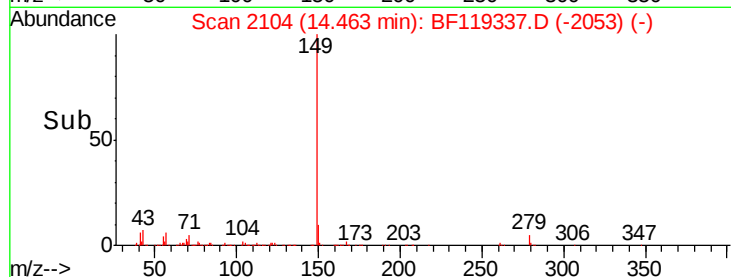
43 6.7 5.7 8.5



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: 35.723 ng

RT: 16.73 min Scan# 2490

Delta R.T. 0.02 min

Lab File: BF119337.D

Acq: 11 Mar 2020 6:29

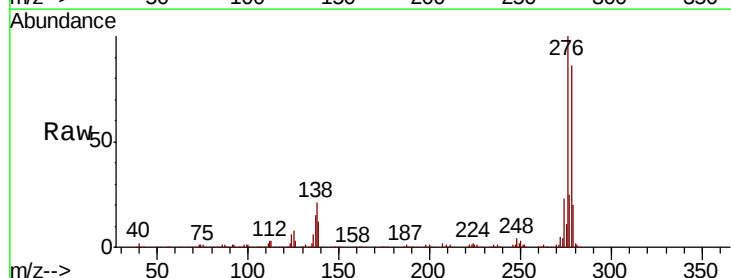
Tgt Ion:276 Resp: 576636

Ion Ratio Lower Upper

276 100

138 21.6 17.4 26.0

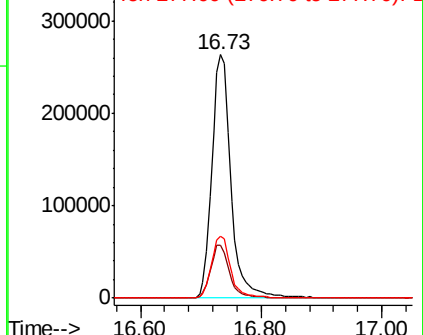
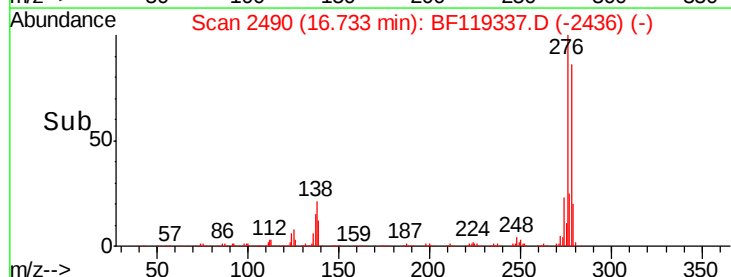
277 25.7 20.3 30.5

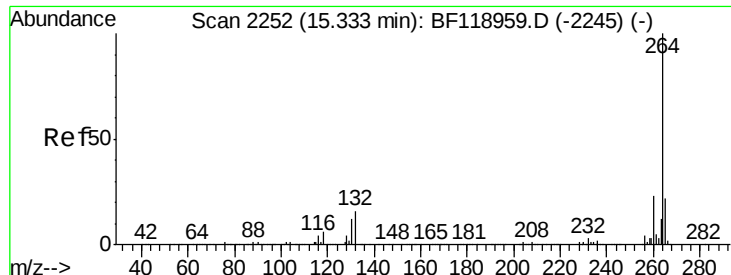


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

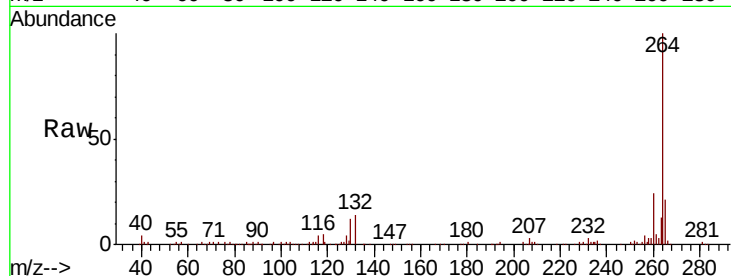




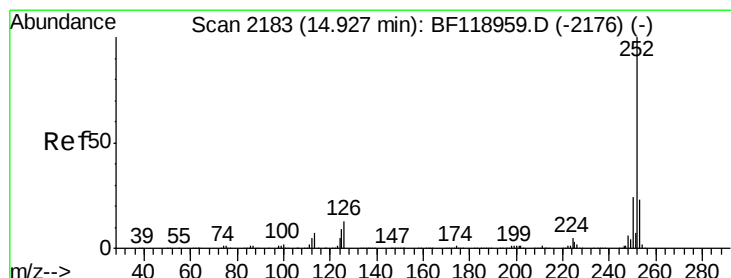
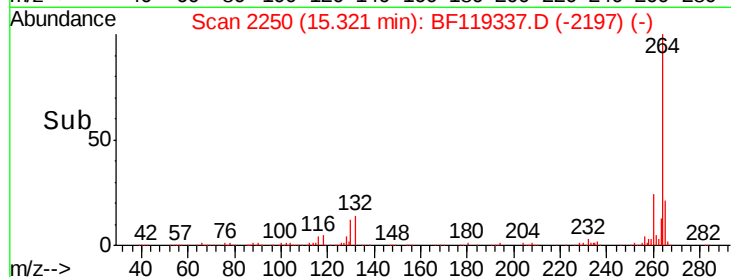
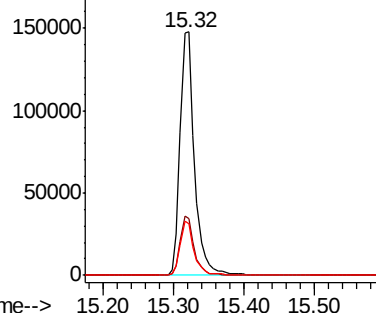
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 210493
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 21.0 17.7 26.5

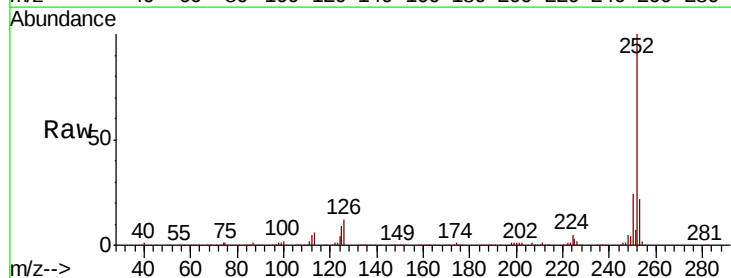


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

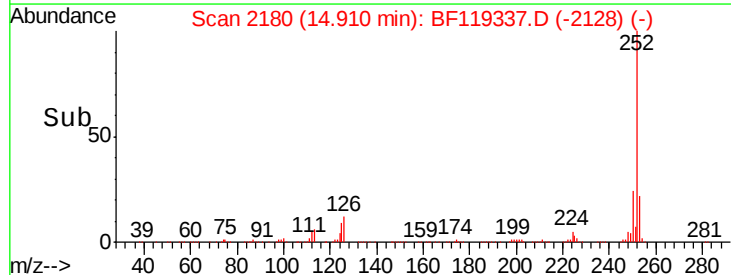
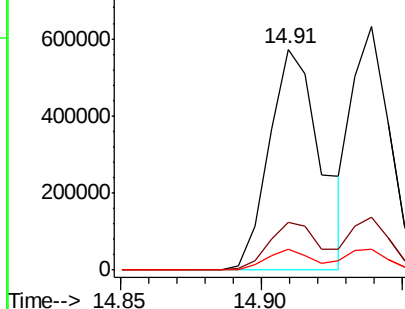


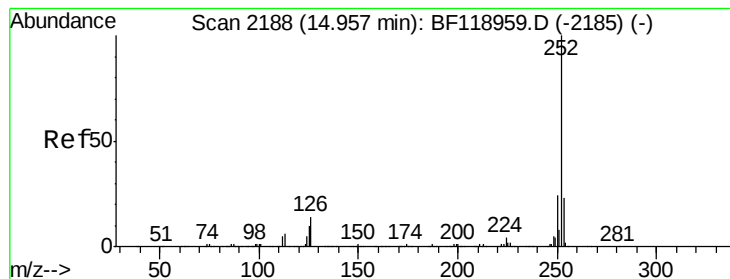
#88
Benzo(b)fluoranthene
Concen: 52.532 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Tgt Ion:252 Resp: 728860
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 9.3 7.4 11.0



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

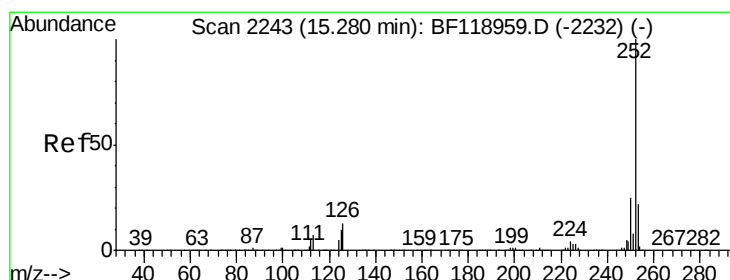
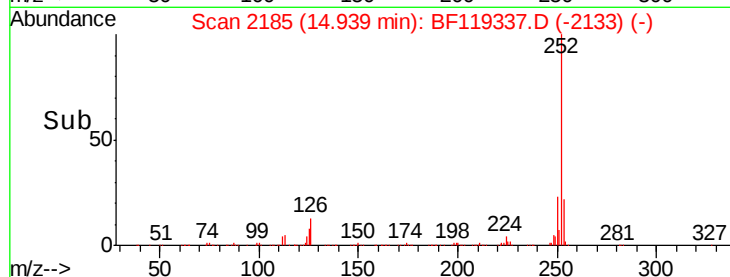
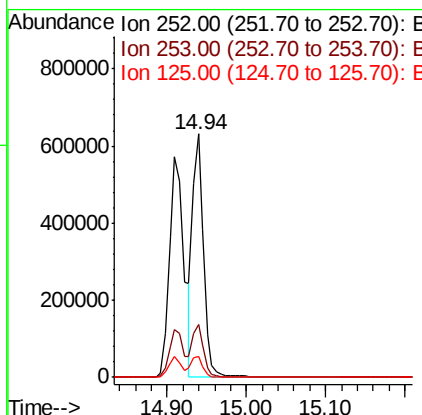
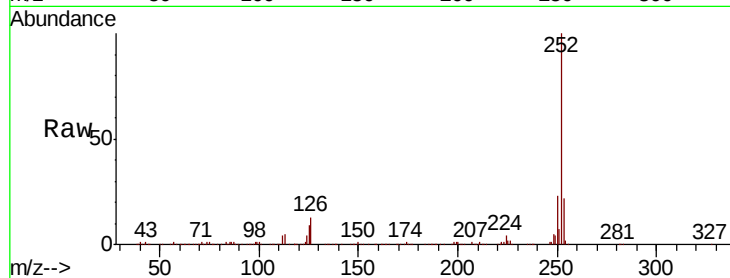




#89
Benzo(k)fluoranthene
Concen: 47.076 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

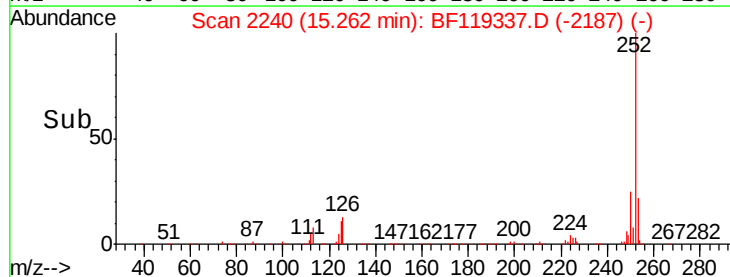
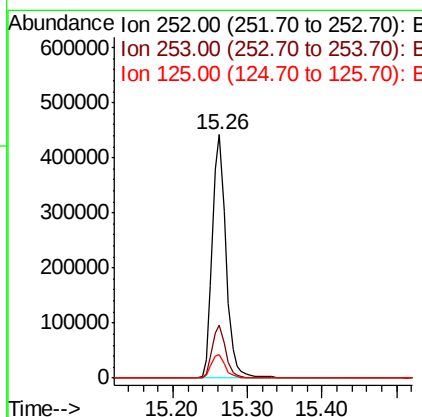
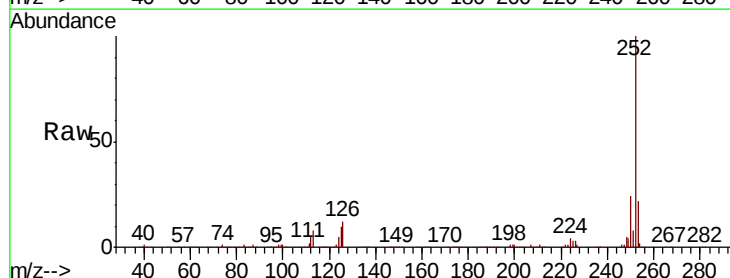
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	8.6	7.5	11.3



#90
Benzo(a)pyrene
Concen: 44.928 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	9.8	8.6	12.8

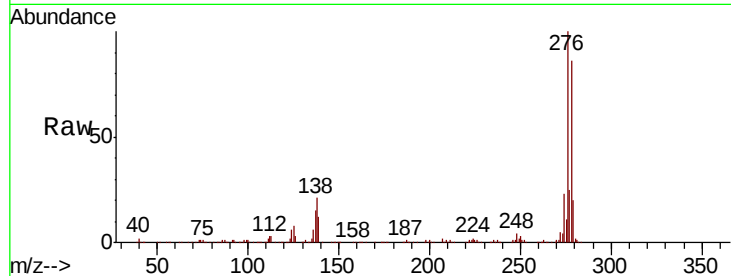




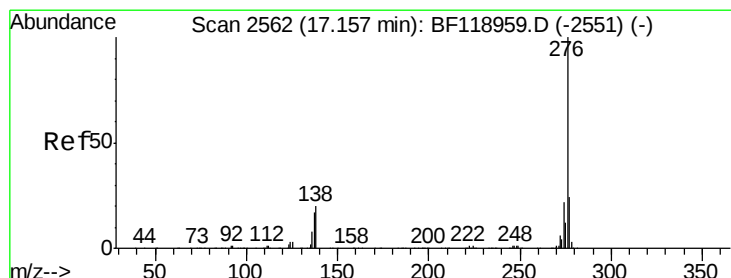
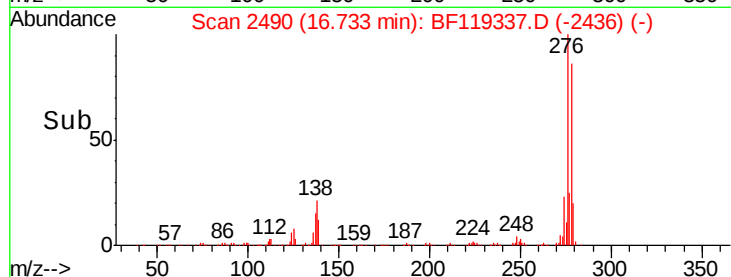
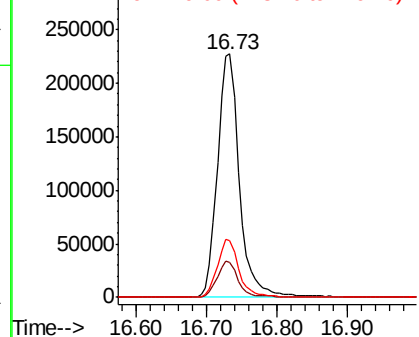
#91
Dibenzo(a,h)anthracene
Concen: 44.689 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.02 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 492381
Ion Ratio Lower Upper
278 100
139 14.2 11.0 16.4
279 23.2 18.6 28.0

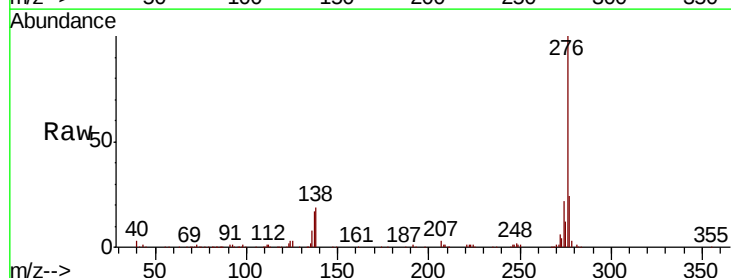


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.065 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.02 min
Lab File: BF119337.D
Acq: 11 Mar 2020 6:29

Tgt Ion:276 Resp: 468825
Ion Ratio Lower Upper
276 100
277 24.1 18.7 28.1
138 18.8 14.3 21.5



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

