

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118133.D
 Acq On : 7 Dec 2019 17:07
 Operator : JU
 Sample : K6174-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 09 05:44:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	123815	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	485571	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	264758	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	498101	20.00	ng	0.00
76) Chrysene-d12	14.06	240	277101	20.00	ng	-0.01
87) Perylene-d12	15.54	264	299186	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	785792	111.16	ng	0.00
7) Phenol-d6	6.50	99	997944	116.71	ng	0.00
23) Nitrobenzene-d5	7.43	82	604006	69.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	339568	105.58	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1240842	71.31	ng	0.00
79) Terphenyl-d14	13.00	244	1336817	82.96	ng	0.00

Target Compounds				Qvalue		
6) Aniline	6.50	93	309	0.028	ng	# 1
8) 2-Chlorophenol	6.65	128	264	0.033	ng	# 1
9) Benzaldehyde	6.42	77	674	Below Cal		# 1
10) Phenol	6.50	94	15653	1.605	ng	# 72
11) bis(2-Chloroethyl)ether	6.63	93	1234	0.175	ng	# 1
12) 1,3-Dichlorobenzene	6.88	146	469	0.050	ng	# 77
13) 1,4-Dichlorobenzene	6.88	146	469	0.050	ng	# 75
14) 1,2-Dichlorobenzene	6.88	146	469	0.053	ng	# 74
15) Benzyl Alcohol	7.02	79	11269	1.688	ng	# 47
17) 2-Methylphenol	7.02	107	141	0.022	ng	# 1
18) Hexachloroethane	7.40	117	1737	0.503	ng	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	79913	15.381	ng	# 79
20) 3+4-Methylphenols	7.02	107	141	0.018	ng	# 1
22) Acetophenone	7.26	105	2528	0.217	ng	# 45
24) Nitrobenzene	7.43	77	2247	0.265	ng	# 30
25) Isophorone	7.43	82	594125	40.605	ng	# 62
28) bis(2-Chloroethoxy)methane	7.75	93	223	0.023	ng	# 1
31) Naphthalene	8.17	128	3643	0.149	ng	# 96
33) 4-Chloroaniline	8.17	127	357	0.034	ng	# 33
37) 2-Methylnaphthalene	8.87	142	2841	0.172	ng	# 75
38) 1-Methylnaphthalene	8.97	142	1760	0.114	ng	# 88
46) 1,1'-Biphenyl	9.33	154	2737	0.131	ng	# 92
47) 2-Chloronaphthalene	9.63	162	420	0.025	ng	# 1
48) 2-Nitroaniline	9.62	65	946	0.197	ng	# 1
49) Acenaphthylene	9.77	152	117	0.005	ng	# 60
50) Dimethylphthalate	9.62	163	109689	5.609	ng	# 99
51) 2,6-Dinitrotoluene	9.62	165	1194	0.281	ng	# 1
52) Acenaphthene	9.91	154	765	0.051	ng	# 4
55) Dibenzofuran	10.12	168	111	0.005	ng	# 42
57) 2,4-Dinitrotoluene	9.91	165	33033	5.820	ng	# 25
58) Fluorene	10.70	166	12908	0.733	ng	# 90
60) Diethylphthalate	10.32	149	270	0.014	ng	# 60
63) Azobenzene	10.70	77	1560	0.095	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.70	198	718	0.261	ng	# 1

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
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 Acq On : 7 Dec 2019 17:07
 Operator : JU
 Sample : K6174-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

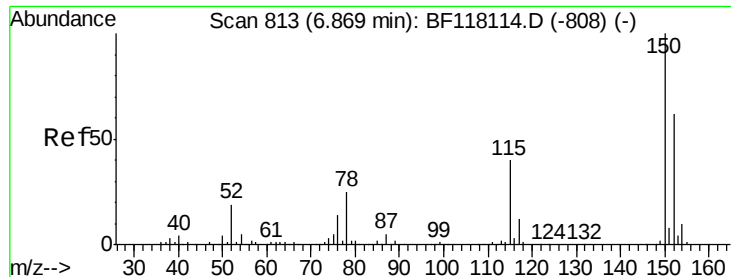
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 09 05:44:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

66) n-Nitrosodiphenylamine	10.70	169	9225	0.593	ng	# 43
67) 4-Bromophenyl-phenylether	10.70	248	20847	3.666	ng	# 1
71) Phenanthrene	11.43	178	1482	0.056	ng	# 60
72) Anthracene	11.48	178	438	0.017	ng	# 61
73) Carbazole	11.45	167	119	0.005	ng	# 58
74) Di-n-butylphthalate	11.96	149	1417	0.048	ng	# 78
75) Fluoranthene	12.62	202	2599	0.096	ng	# 91
77) Benzidine	12.76	184	1039	0.142	ng	# 66
78) Pyrene	12.85	202	3979	0.182	ng	# 95
80) Butylbenzylphthalate	13.47	149	287	0.029	ng	# 69
81) Benzo(a)anthracene	14.05	228	2541	0.133	ng	# 71
82) 3,3'-Dichlorobenzidine	14.01	252	114	0.018	ng	# 25
83) Chrysene	14.07	228	1375	0.075	ng	# 84
84) Bis(2-ethylhexyl)phthalate	14.03	149	3433	0.263	ng	# 90
85) Di-n-octyl phthalate	14.64	149	923	0.047	ng	# 43
86) Indeno(1,2,3-cd)pyrene	17.04	276	1265	0.082	ng	# 59
88) Benzo(b)fluoranthene	15.11	252	2548	0.129	ng	# 72
89) Benzo(k)fluoranthene	15.17	252	112	0.006	ng	# 1
90) Benzo(a)pyrene	15.48	252	1998	0.114	ng	# 34
91) Dibenzo(a,h)anthracene	17.06	278	222	0.015	ng	# 57
92) Benzo(g,h,i)perylene	17.50	276	1475	0.102	ng	# 43

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

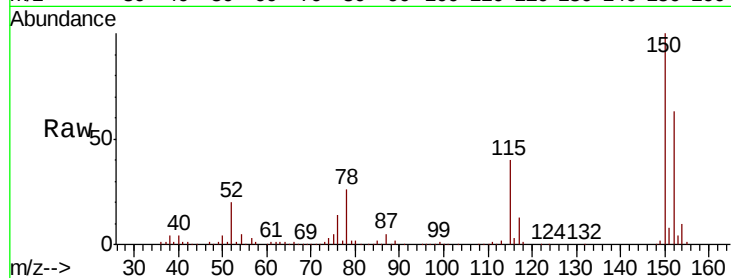


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	128.3	192.5
115	63.6	51.1	76.7

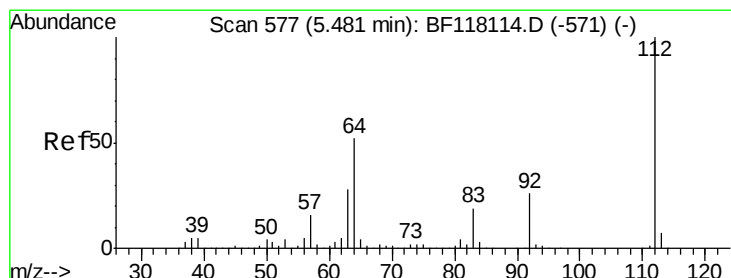
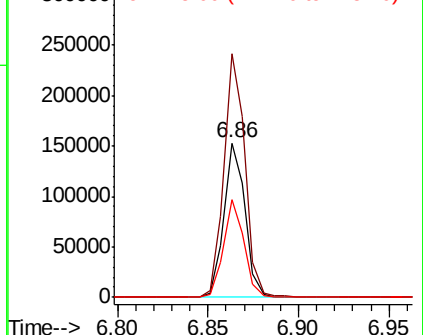
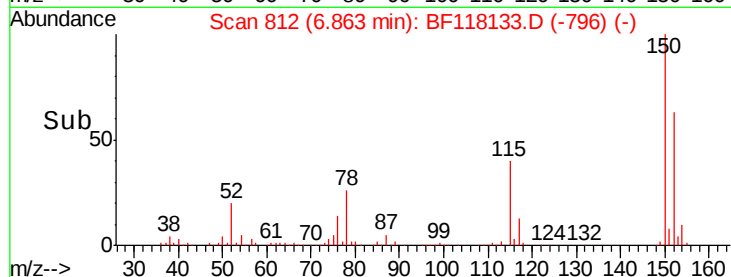


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

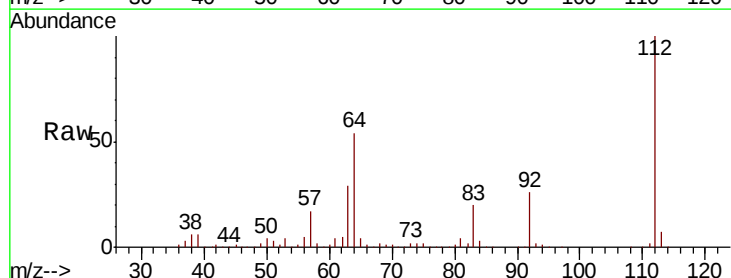
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 111.157 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	41.3	61.9
63	29.3	22.4	33.6

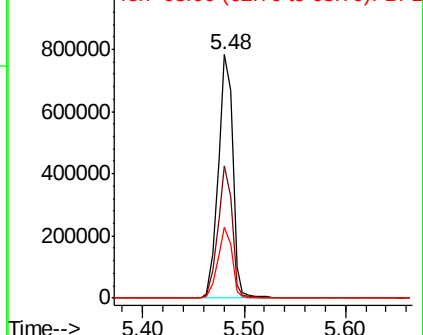
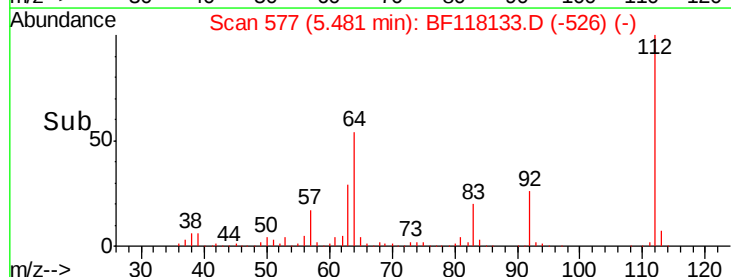


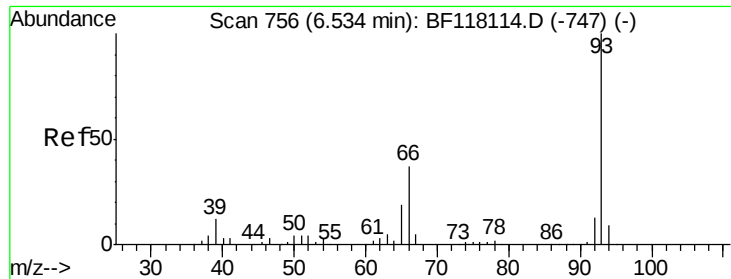
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 0.028 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.03 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

Instrument :

BNA_F

ClientSampleId :

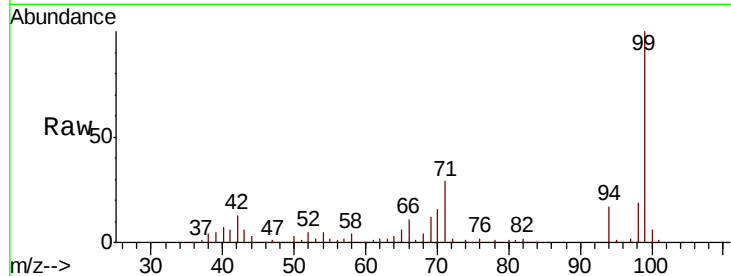
Tot Ion: 93 Resp: 309

Ion Ratio Lower Upper

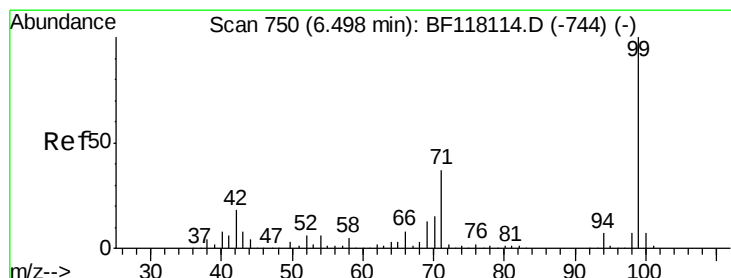
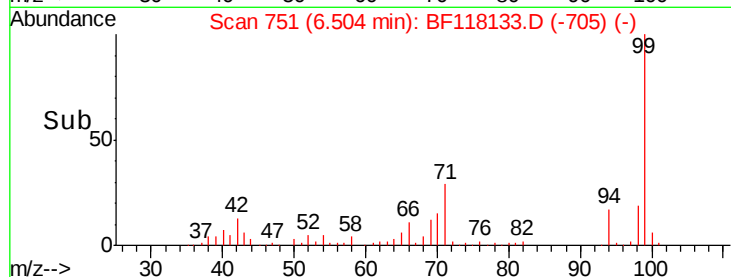
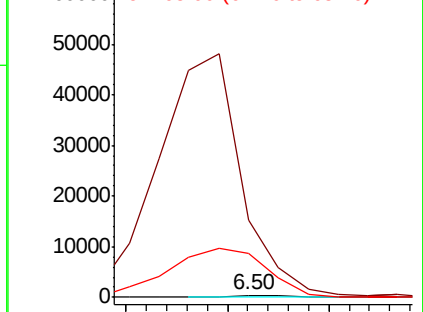
93 100

66 3404.2 30.2 45.2#

65 1963.4 15.5 23.3#



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: 116.713 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

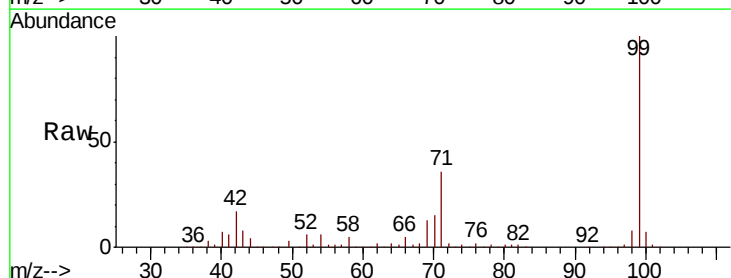
Tgt Ion: 99 Resp: 997944

Ion Ratio Lower Upper

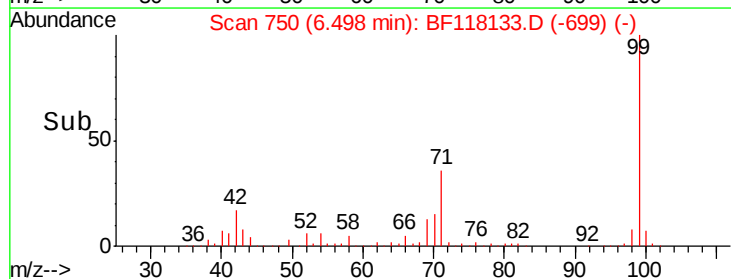
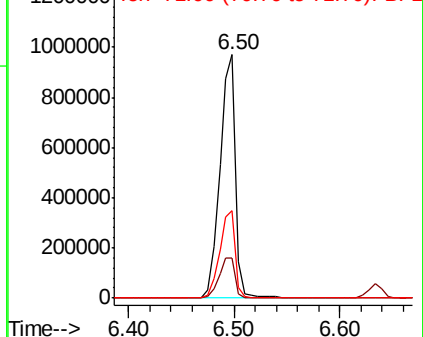
99 100

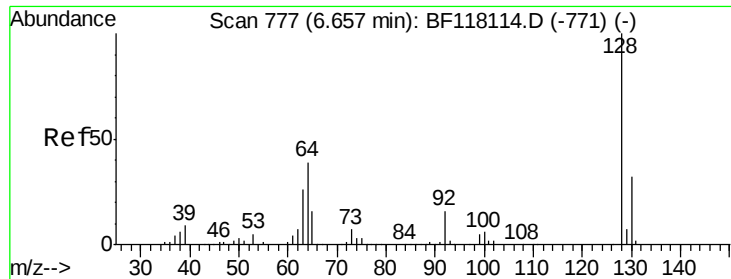
42 16.6 14.1 21.1

71 36.0 29.7 44.5



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 0.033 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

Instrument :

BNA_F

ClientSampleId :

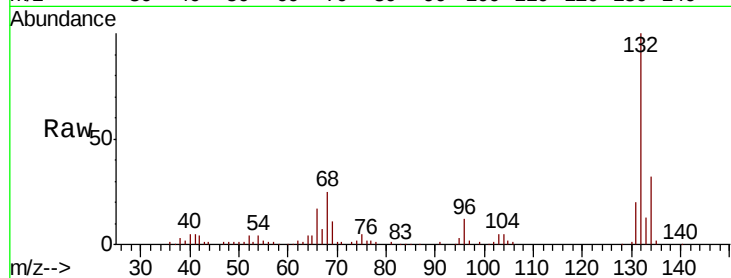
Tot Ion:128 Resp: 264

Ion Ratio Lower Upper

128 100

130 239.3 12.1 52.1#

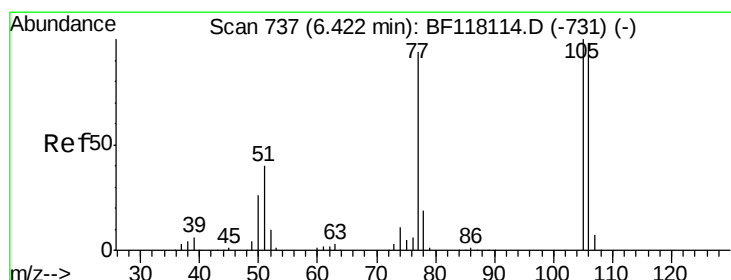
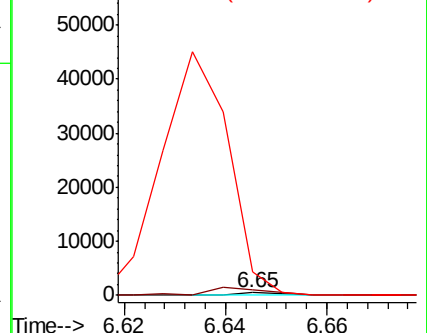
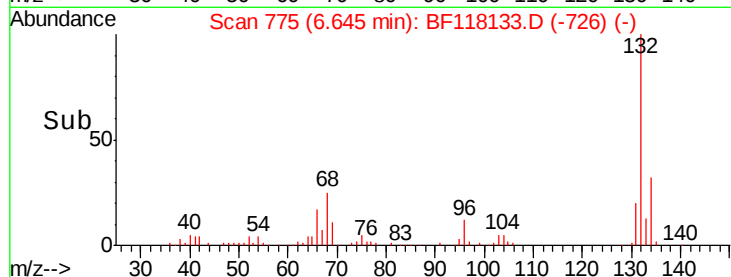
64 986.0 19.3 59.3#



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: Below Cal

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

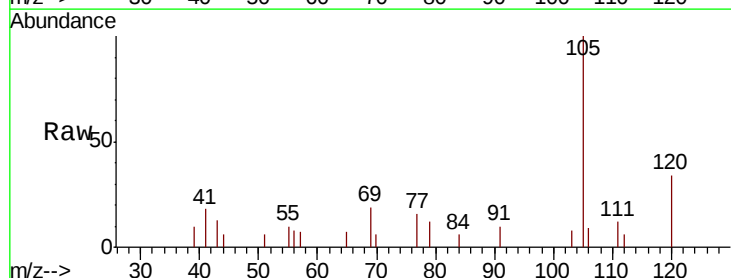
Tgt Ion: 77 Resp: 674

Ion Ratio Lower Upper

77 100

105 622.1 86.4 126.4#

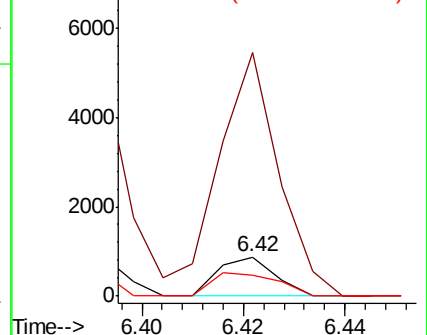
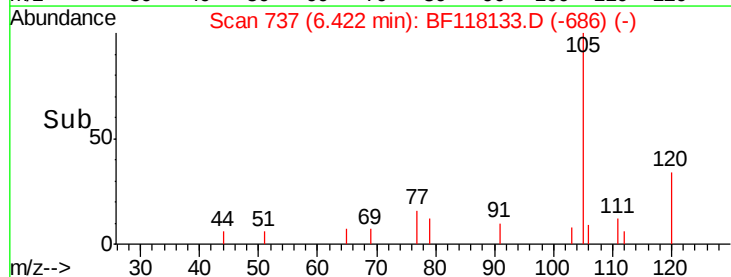
106 54.3 83.8 123.8#

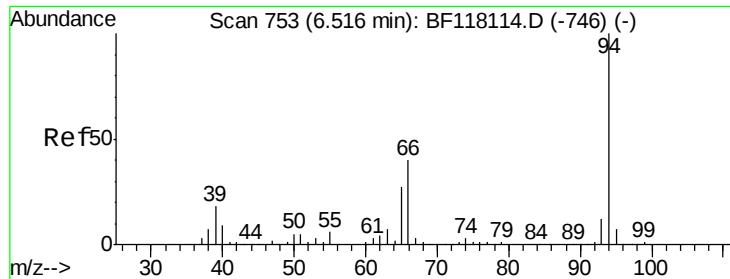


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.605 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

Instrument :

BNA_F

ClientSampleId :

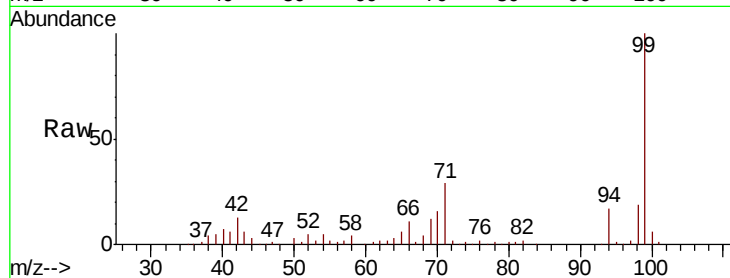
Tot Ion: 94 Resp: 15653

Ion Ratio Lower Upper

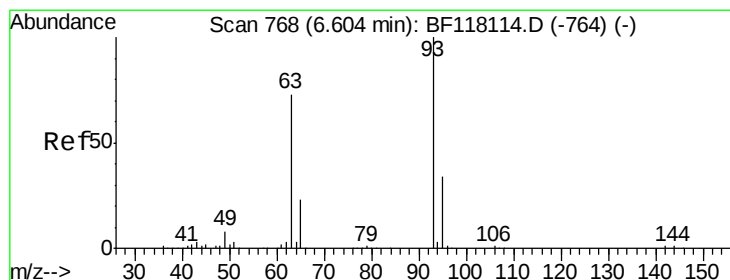
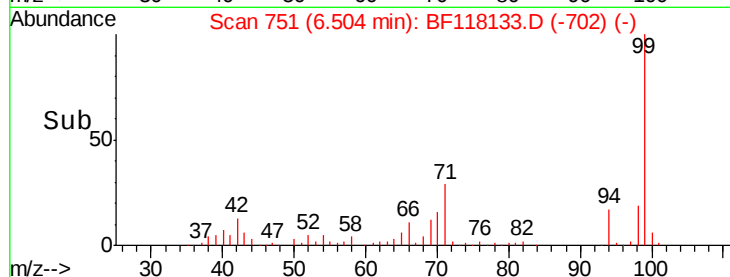
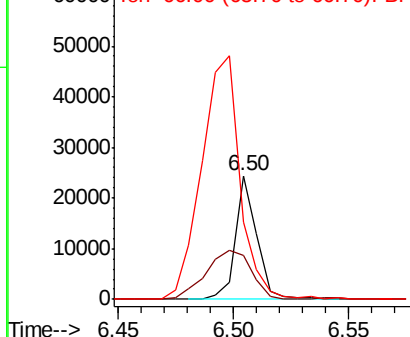
94 100

65 35.9 7.3 47.3

66 62.3 20.2 60.2#



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: 0.175 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.03 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

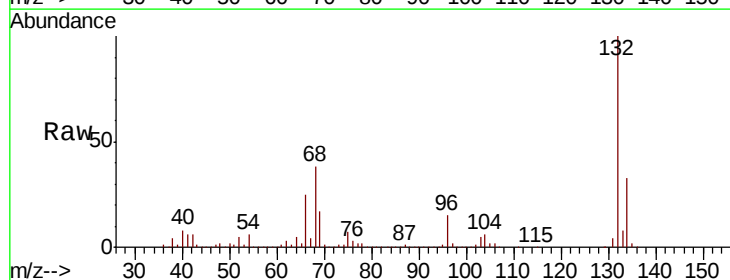
Tgt Ion: 93 Resp: 1234

Ion Ratio Lower Upper

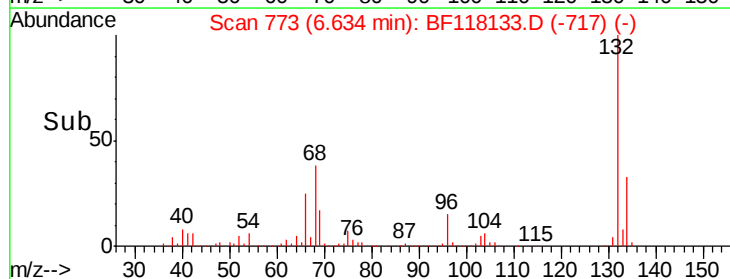
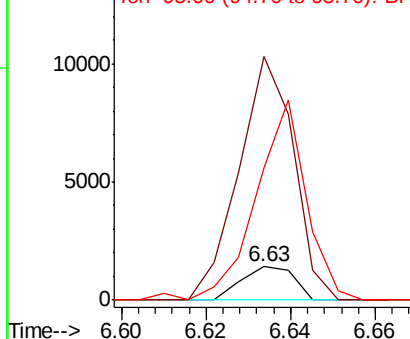
93 100

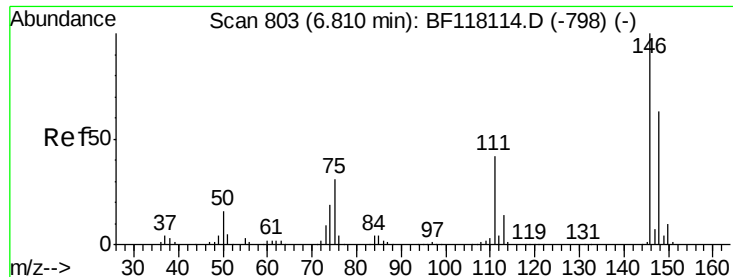
63 724.0 53.2 93.2#

95 394.6 13.8 53.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

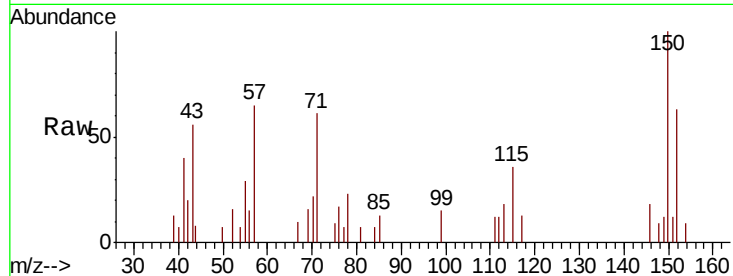




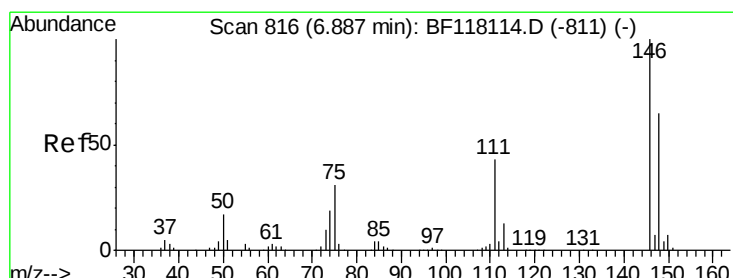
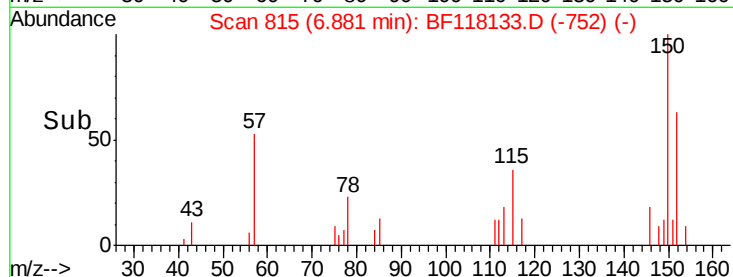
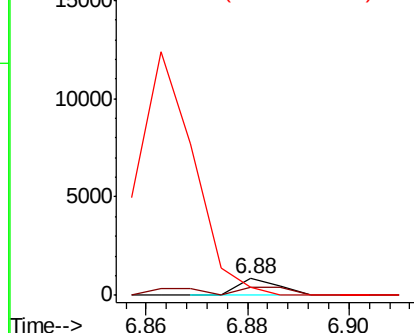
#12
 1,3-Dichlorobenzene
 Concen: 0.050 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.07 min
 Lab File: BF118133.D
 Acq: 7 Dec 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 469
 Ion Ratio Lower Upper
 146 100
 148 49.9 50.2 75.4#
 75 50.3 24.6 37.0#

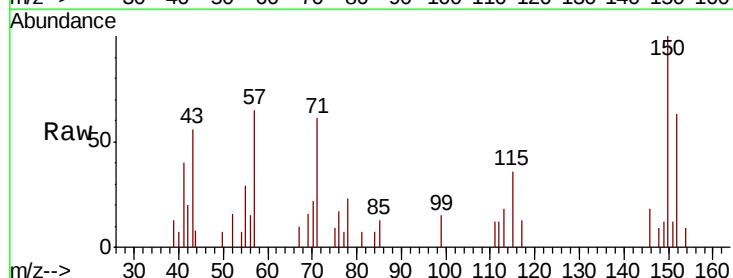


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

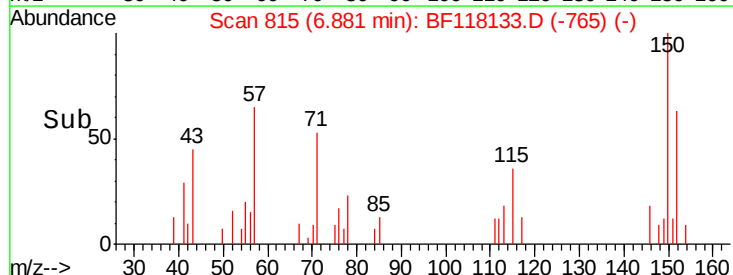
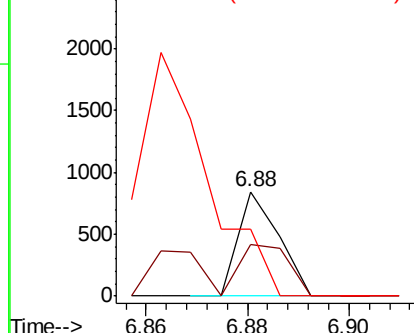


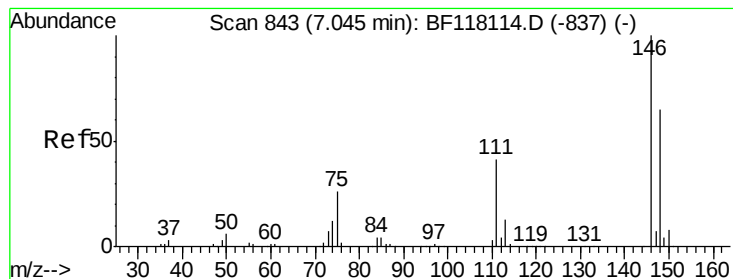
#13
 1,4-Dichlorobenzene
 Concen: 0.050 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF118133.D
 Acq: 7 Dec 2019 17:07

Tgt Ion:146 Resp: 469
 Ion Ratio Lower Upper
 146 100
 148 49.9 52.1 78.1#
 111 64.4 34.6 52.0#



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

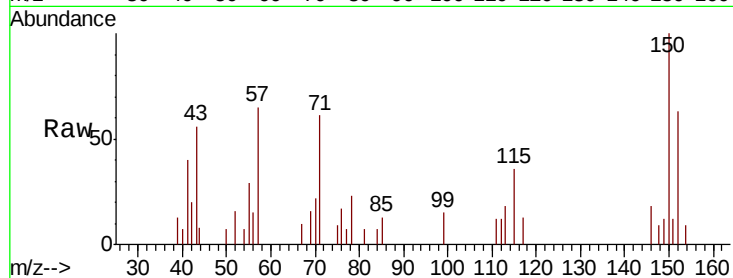




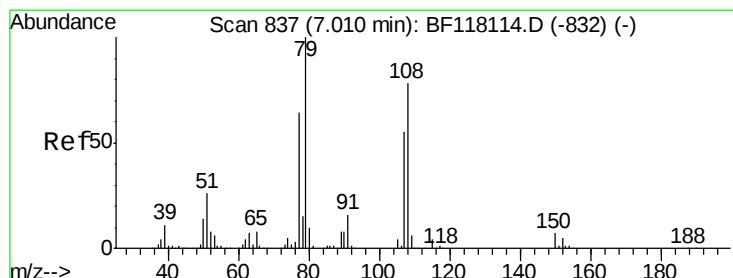
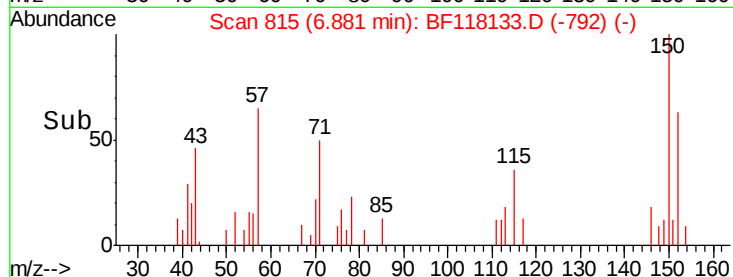
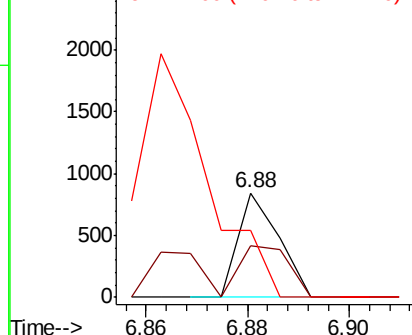
#14
 1,2-Dichlorobenzene
 Concen: 0.053 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.16 min
 Lab File: BF118133.D
 Acq: 7 Dec 2019 17:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 469
 Ion Ratio Lower Upper
 146 100
 148 49.9 52.2 78.2#
 111 64.4 33.1 49.7#

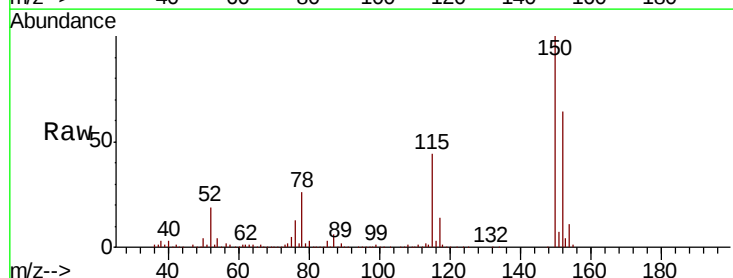


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

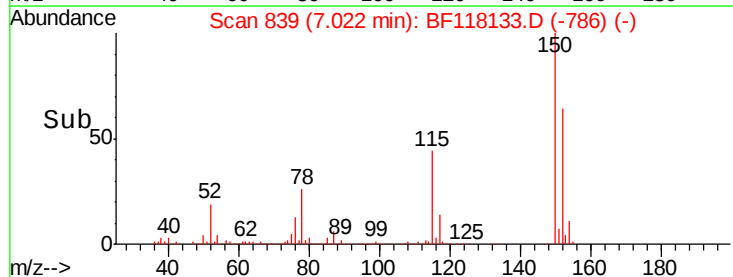
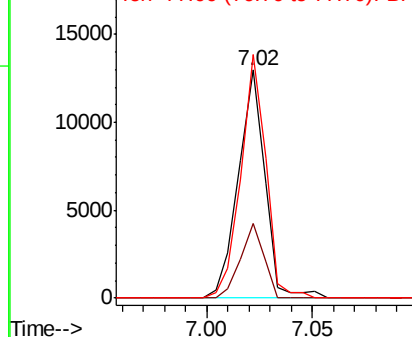


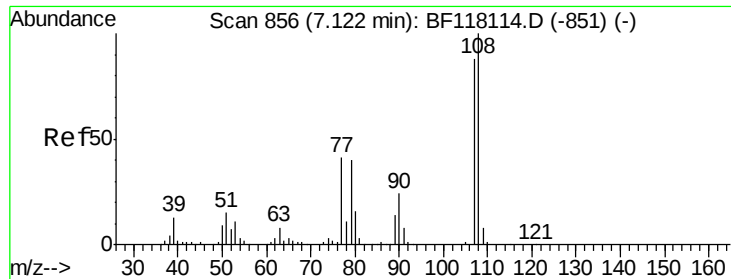
#15
 Benzyl Alcohol
 Concen: 1.688 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.01 min
 Lab File: BF118133.D
 Acq: 7 Dec 2019 17:07

Tgt Ion: 79 Resp: 11269
 Ion Ratio Lower Upper
 79 100
 108 32.7 62.7 94.1#
 77 106.8 51.4 77.2#



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





#17

2-Methylphenol

Concen: 0.022 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.10 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 141

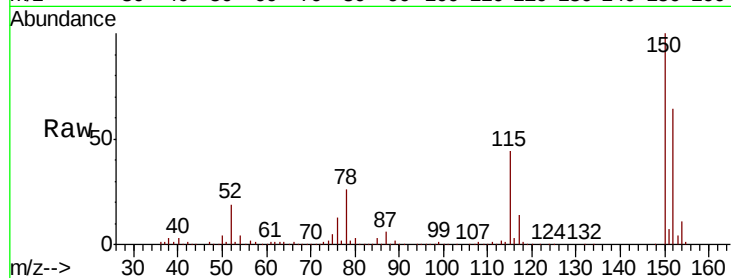
Ion Ratio Lower Upper

107 100

108 1062.0 91.1 136.7#

77 3462.5 37.8 56.6#

79 3243.5 37.0 55.6#



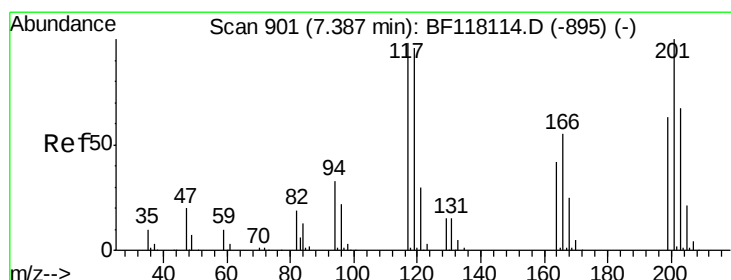
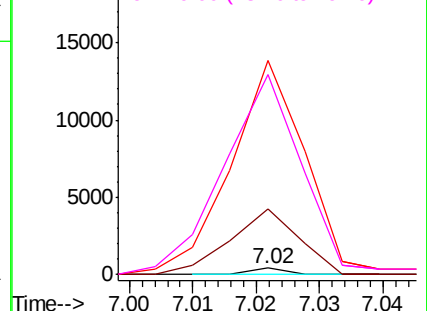
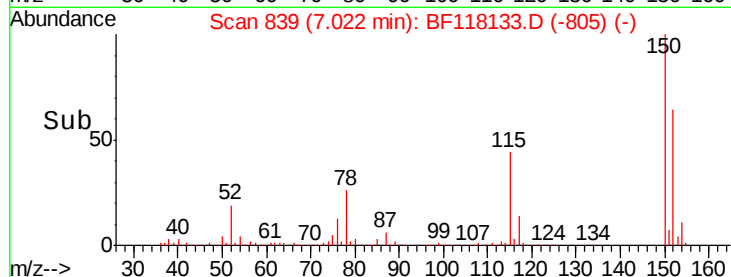
Abundance

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: 0.503 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.01 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

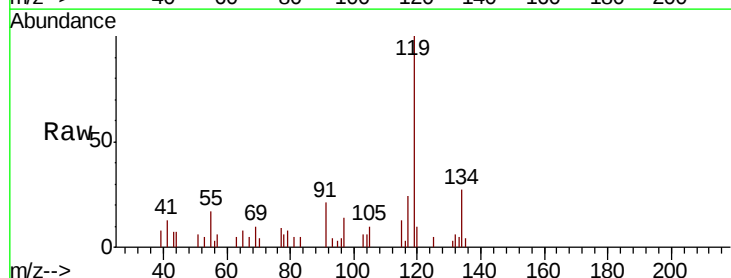
Tgt Ion:117 Resp: 1737

Ion Ratio Lower Upper

117 100

119 424.2 78.2 117.4#

201 0.0 81.6 122.4#

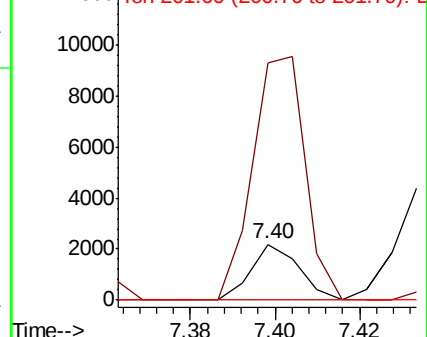
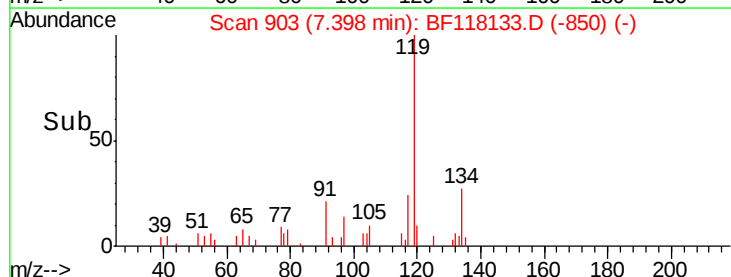


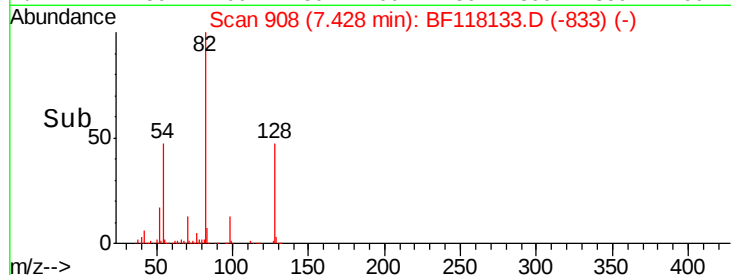
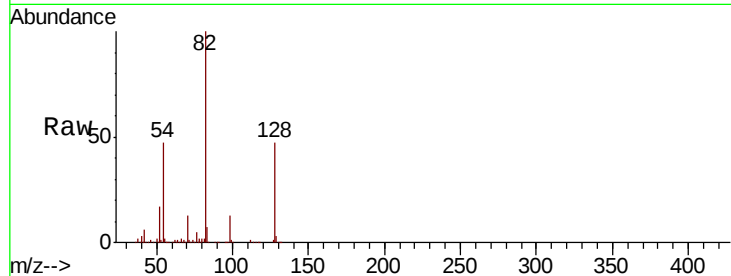
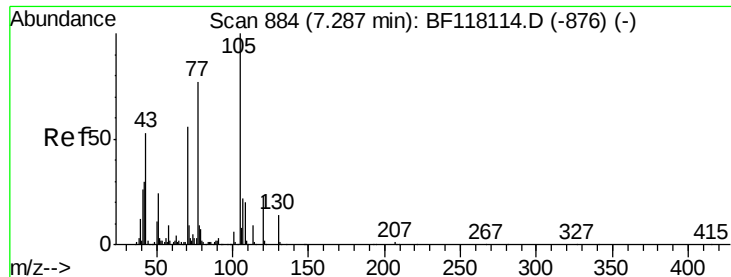
Abundance

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

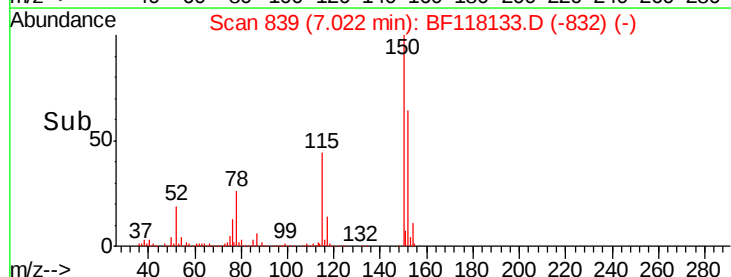
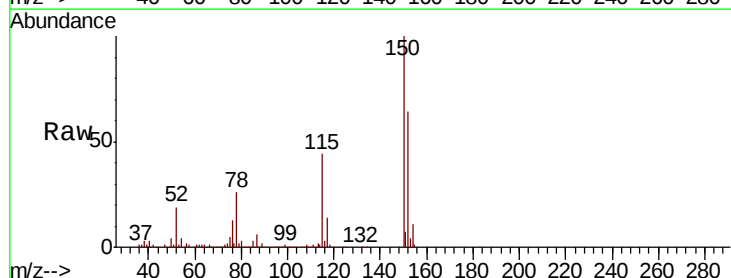
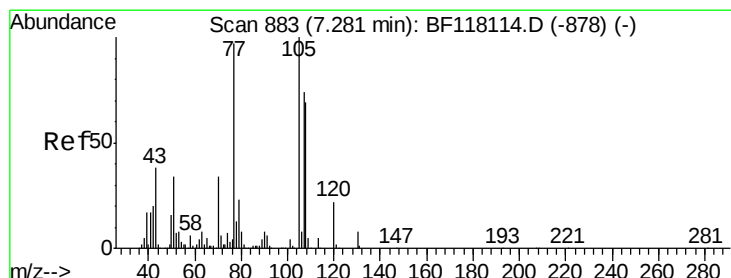
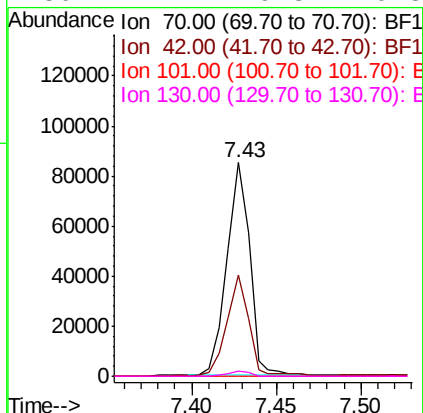




#19
n-Nitroso-di-n-propylamine
Concen: 15.381 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

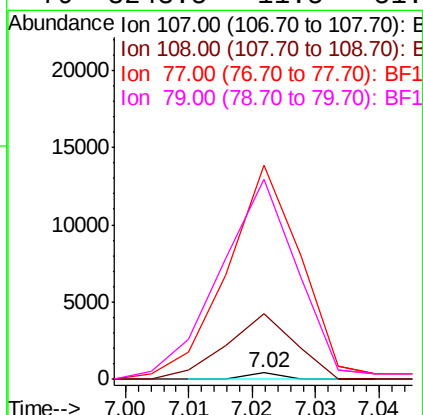
Instrument :
BNA_F
ClientSampleId :

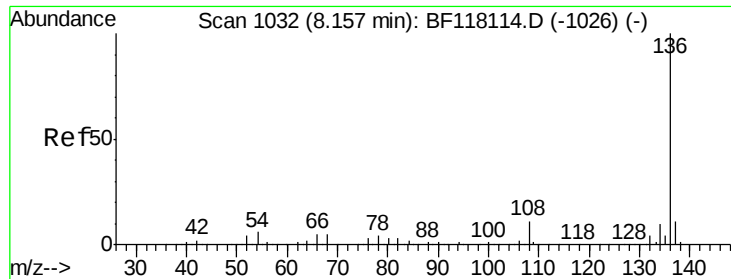
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.6	43.2	64.8
101	0.0	8.1	12.1#
130	2.4	19.8	29.8#



#20
3+4-Methylphenols
Concen: 0.018 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.26 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	1062.0	73.2	113.2#
77	3462.5	110.9	150.9#
79	3243.5	11.5	51.5#

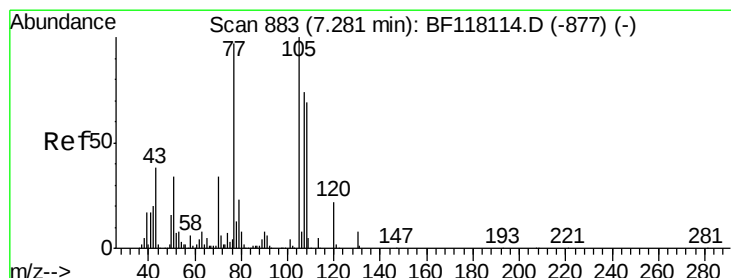
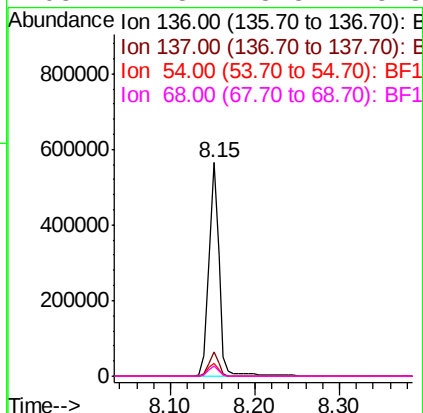
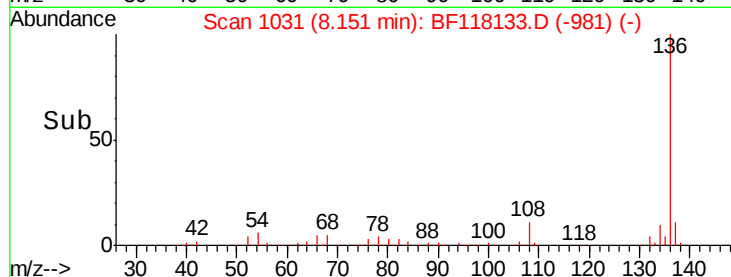
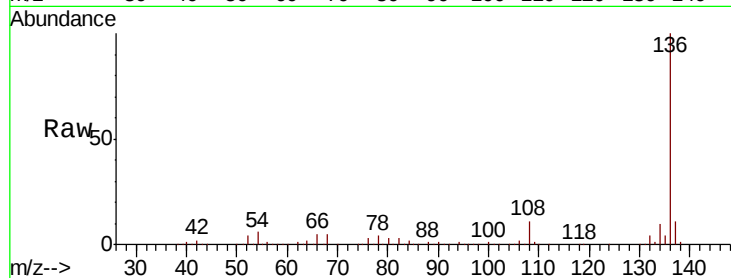




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

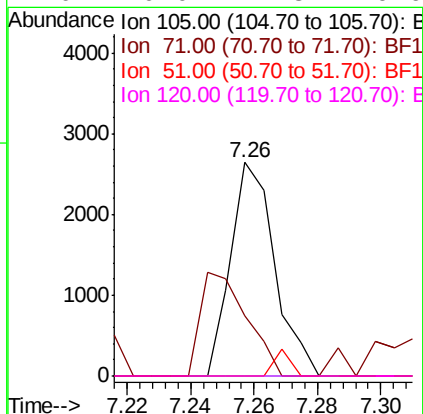
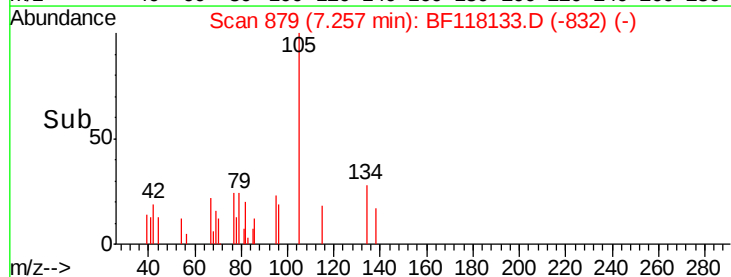
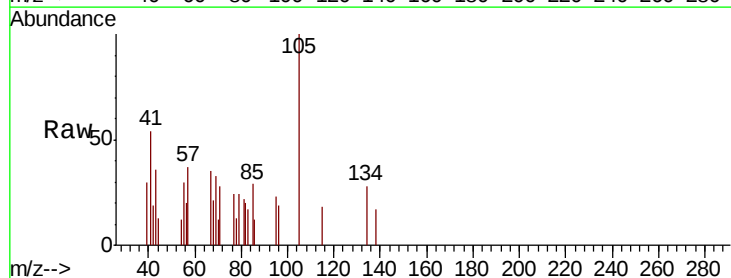
Instrument :
BNA_F
ClientSampleId :

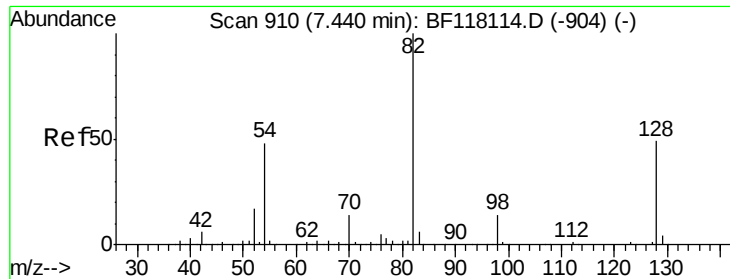
Tot Ion:136	Resp:	485571
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.6
54	6.2	5.0 7.6
68	4.8	3.8 5.8



#22
Acetophenone
Concen: 0.217 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:105	Resp:	2528
Ion Ratio	Lower	Upper
105	100	
71	28.1	4.7 7.1#
51	0.0	27.1 40.7#
120	0.0	17.8 26.6#

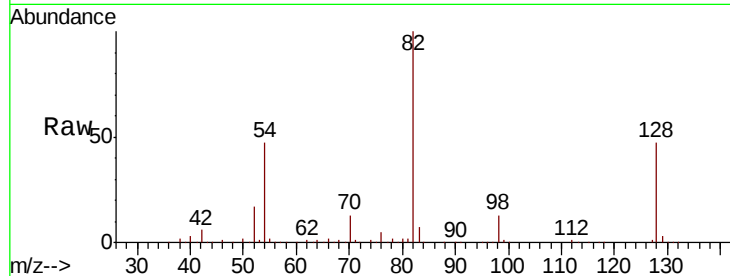




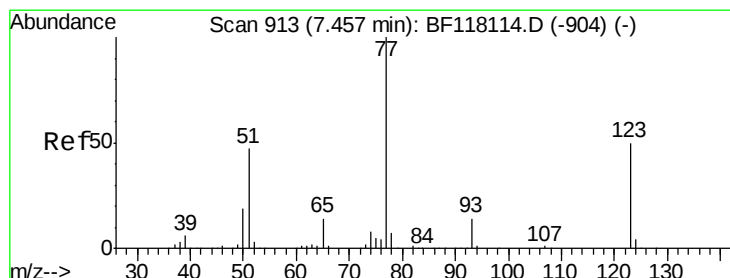
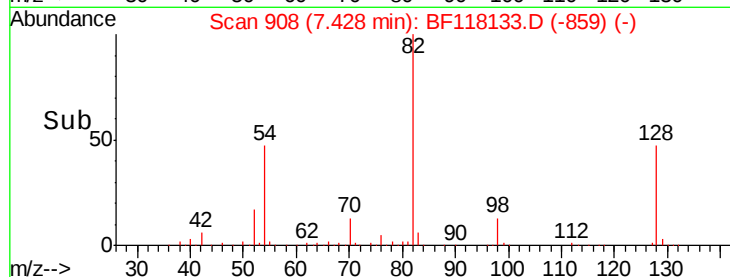
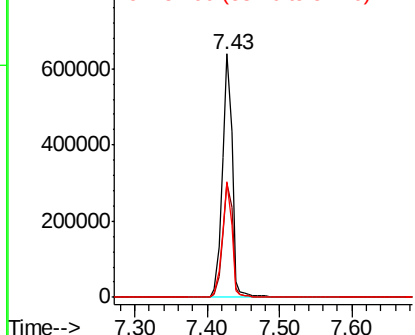
#23
 Nitrobenzene-d5
 Concen: 69.980 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118133.D
 Acq: 7 Dec 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 604006
 Ion Ratio Lower Upper
 82 100
 128 46.9 39.1 58.7
 54 47.2 38.2 57.2

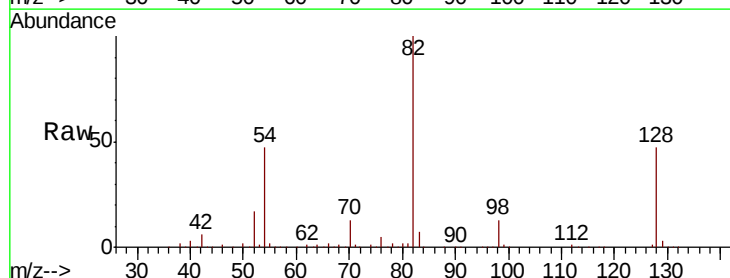


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

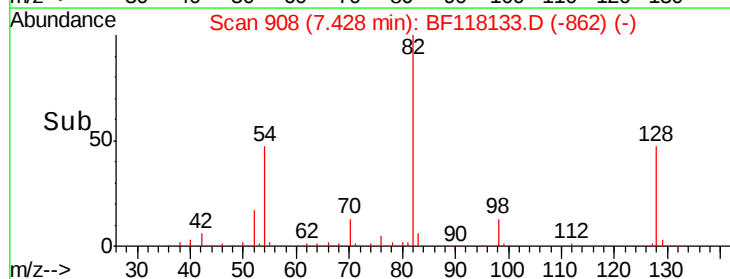
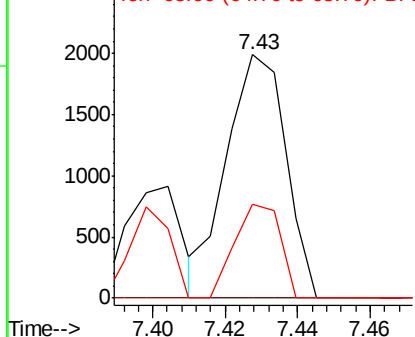


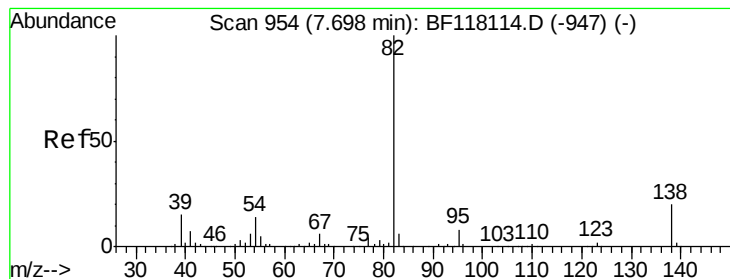
#24
 Nitrobenzene
 Concen: 0.265 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.03 min
 Lab File: BF118133.D
 Acq: 7 Dec 2019 17:07

Tgt Ion: 77 Resp: 2247
 Ion Ratio Lower Upper
 77 100
 123 0.0 40.1 60.1#
 65 38.5 10.9 16.3#



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





#25

Isophorone

Concen: 40.605 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.27 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

Instrument :

BNA_F

ClientSampleId :

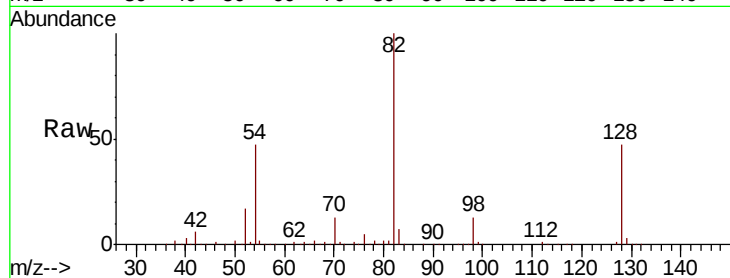
Tot Ion: 82 Resp: 594125

Ion Ratio Lower Upper

82 100

95 0.1 6.3 9.5#

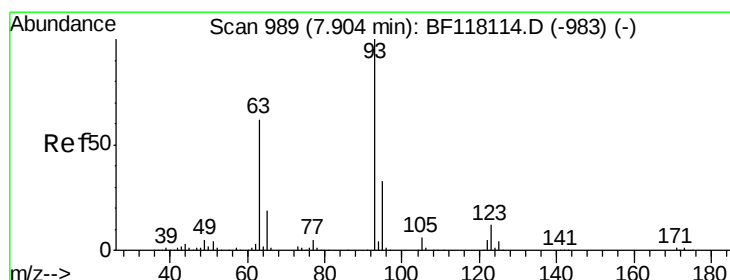
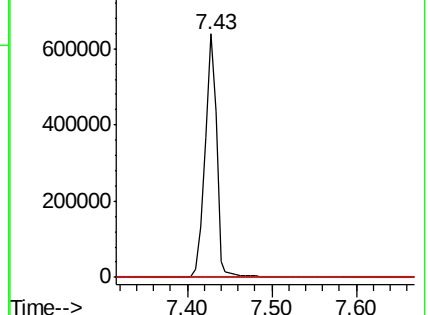
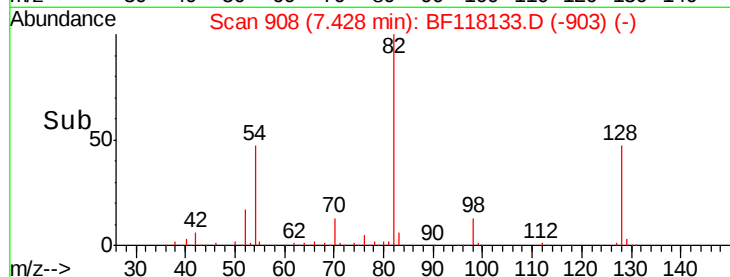
138 0.0 16.3 24.5#



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



#28

bis(2-Chloroethoxy)methane

Concen: 0.023 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.16 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

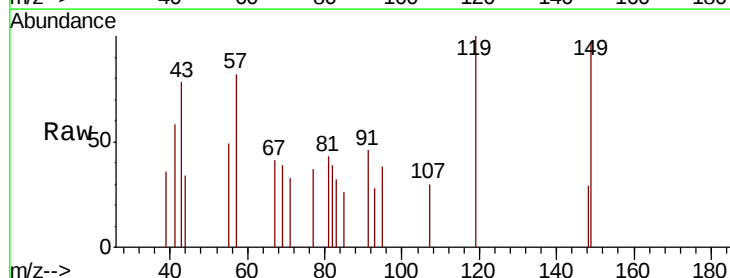
Tgt Ion: 93 Resp: 223

Ion Ratio Lower Upper

93 100

95 139.5 26.7 40.1#

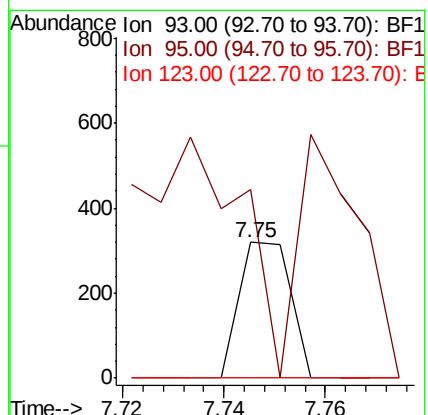
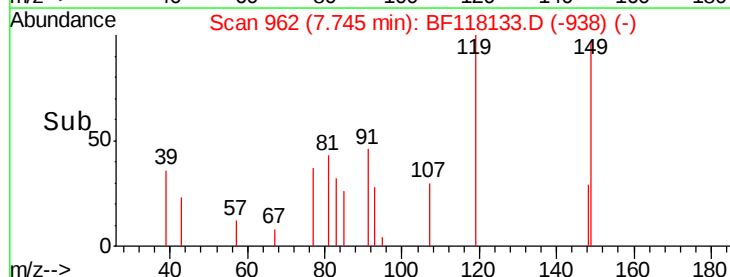
123 0.0 10.0 15.0#

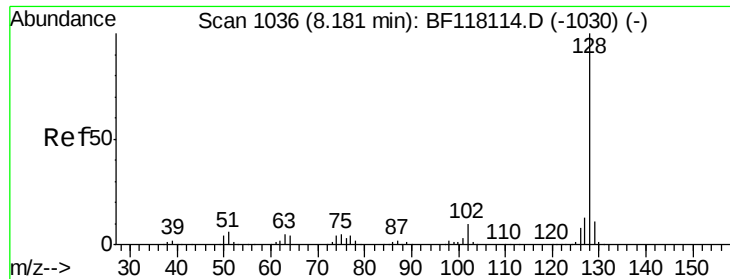


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1





#31

Naphthalene

Concen: 0.149 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

Instrument :

BNA_F

ClientSampleId :

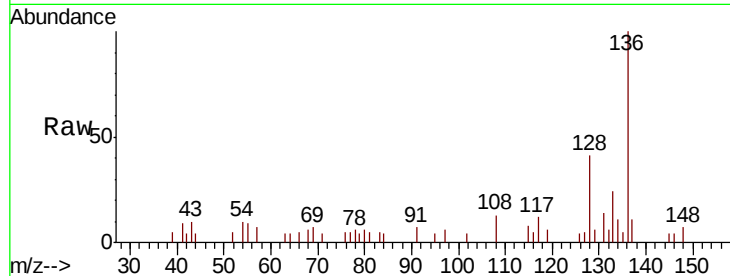
Tot Ion:128 Resp: 3643

Ion Ratio Lower Upper

128 100

129 14.7 9.1 13.7#

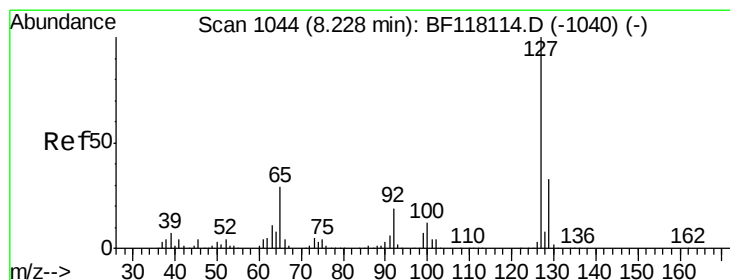
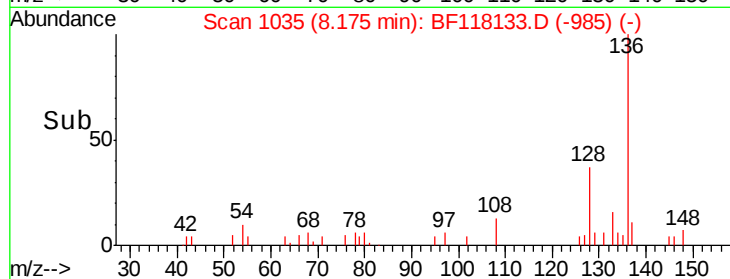
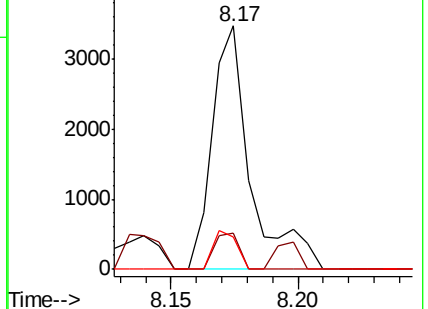
127 13.1 10.6 16.0



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



#33

4-Chloroaniline

Concen: 0.034 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

Tgt Ion:127 Resp: 357

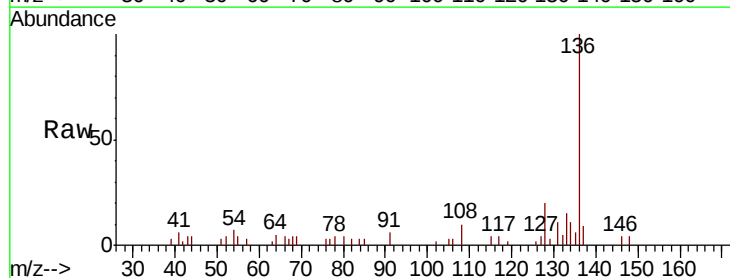
Ion Ratio Lower Upper

127 100

129 85.2 26.6 40.0#

65 0.0 23.2 34.8#

92 0.0 15.4 23.0#

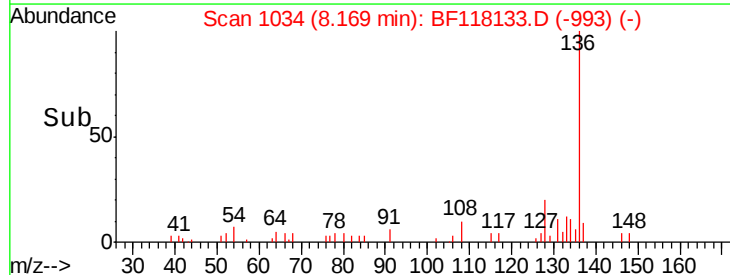
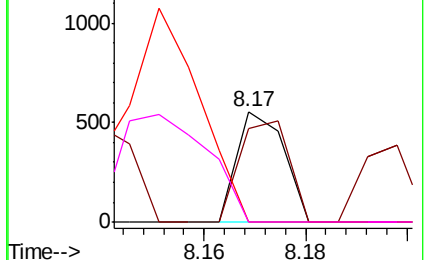


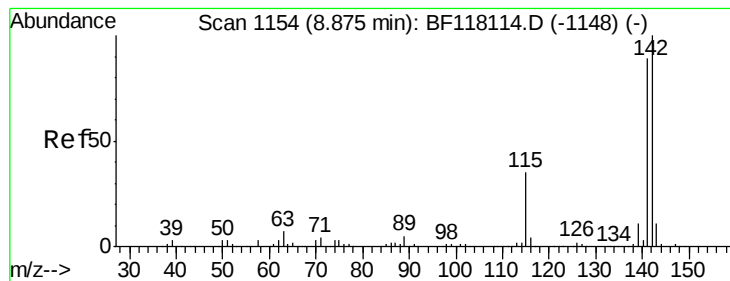
Abundance Ion 127.00 (126.70 to 127.70): E

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





#37

2-Methylnaphthalene

Concen: 0.172 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

Instrument :

BNA_F

ClientSampleId :

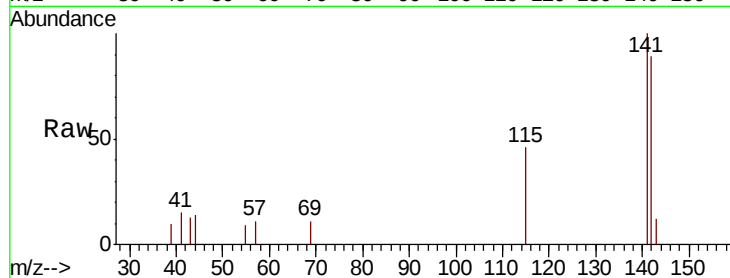
Tot Ion:142 Resp: 2841

Ion Ratio Lower Upper

142 100

141 111.9 71.4 107.0#

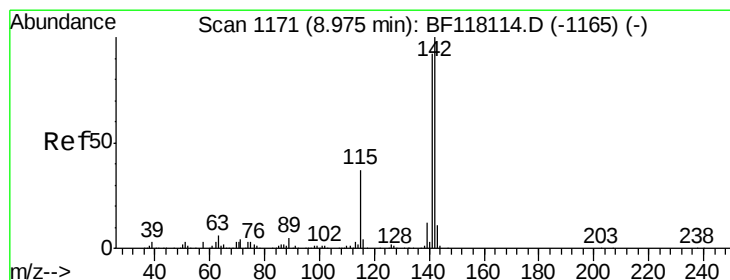
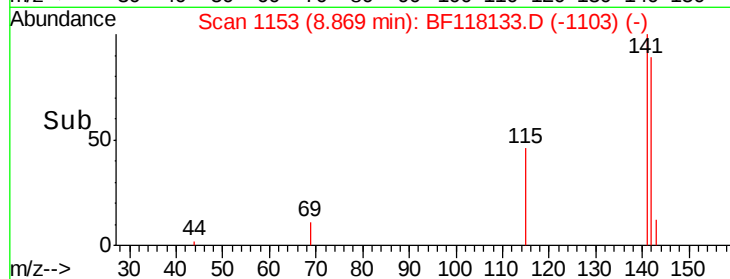
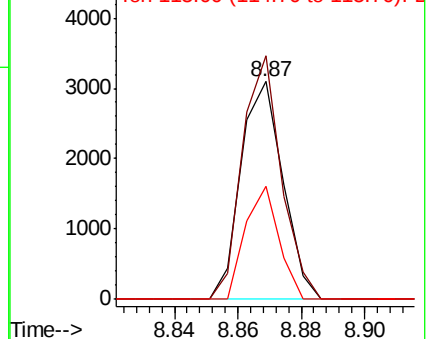
115 51.7 28.2 42.4#



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: 0.114 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

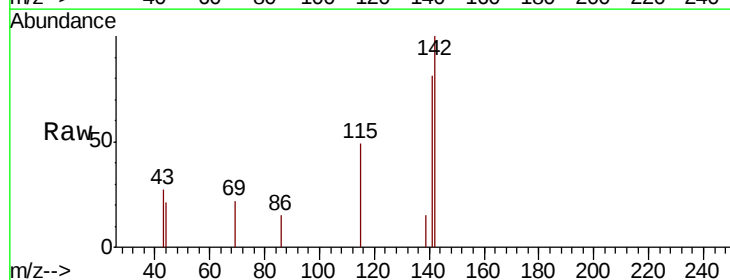
Tgt Ion:142 Resp: 1760

Ion Ratio Lower Upper

142 100

141 81.3 74.0 111.0

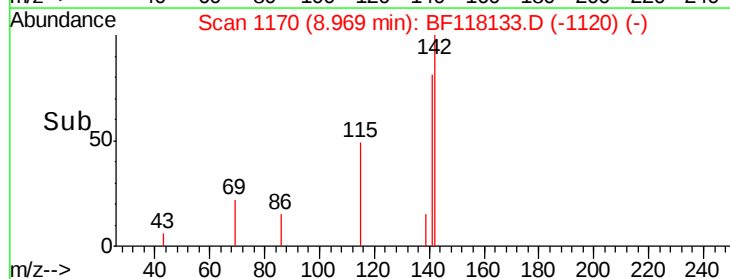
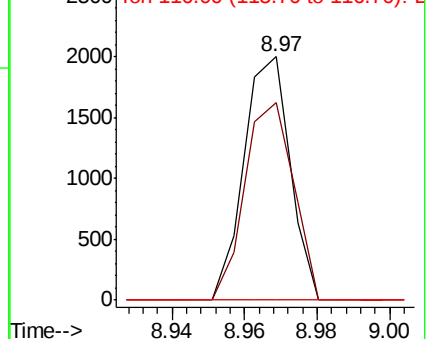
116 0.0 3.2 4.8#

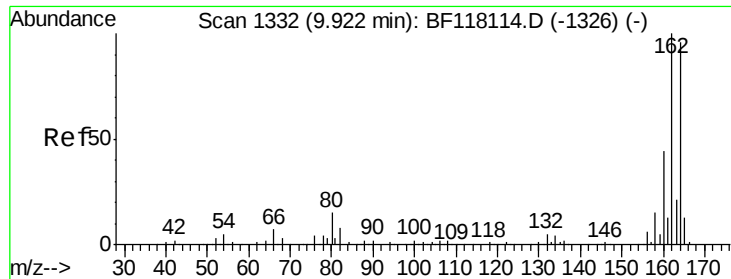


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

Instrument :

BNA_F

ClientSampleId :

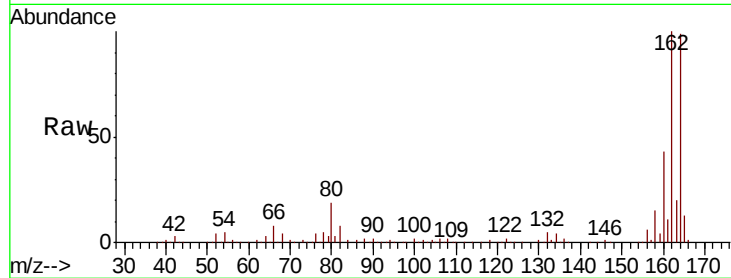
Tot Ion:164 Resp: 264758

Ion Ratio Lower Upper

164 100

162 100.7 83.4 125.0

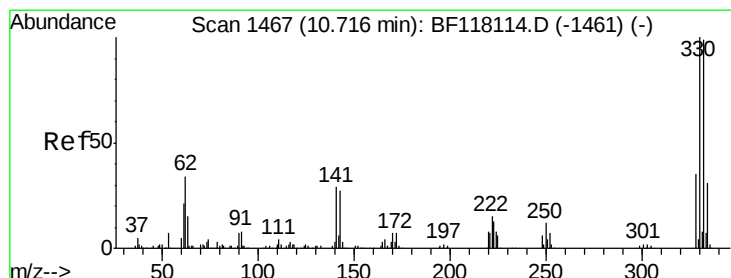
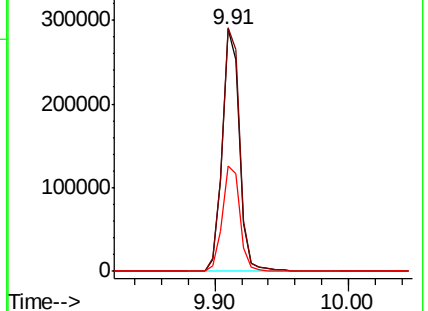
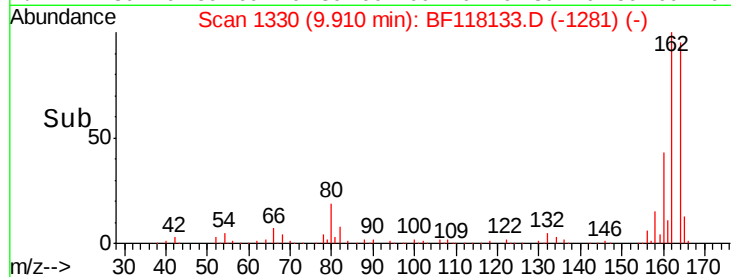
160 43.6 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 105.576 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

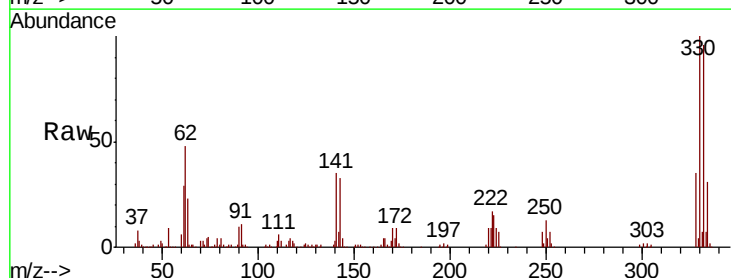
Tgt Ion:330 Resp: 339568

Ion Ratio Lower Upper

330 100

332 96.7 78.1 117.1

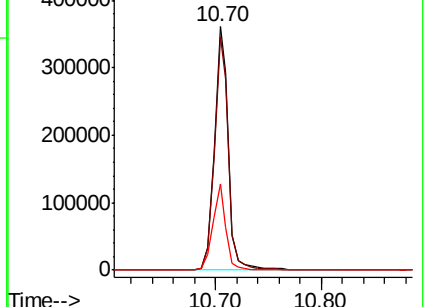
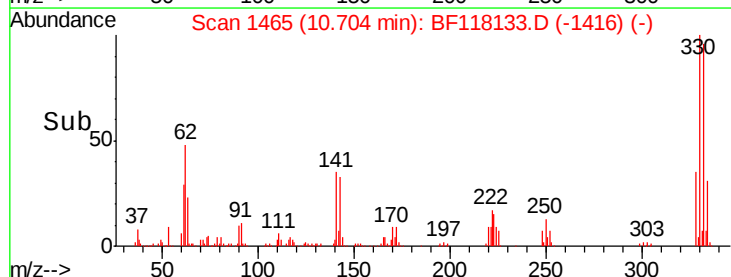
141 33.0 26.9 40.3

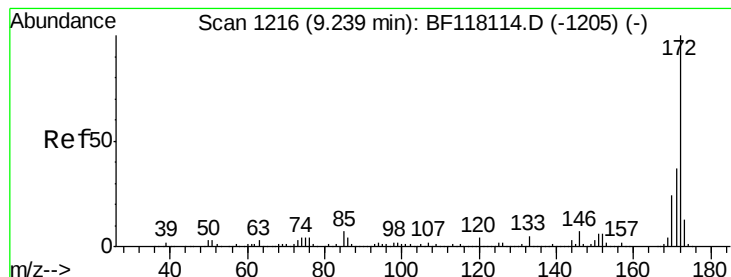


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

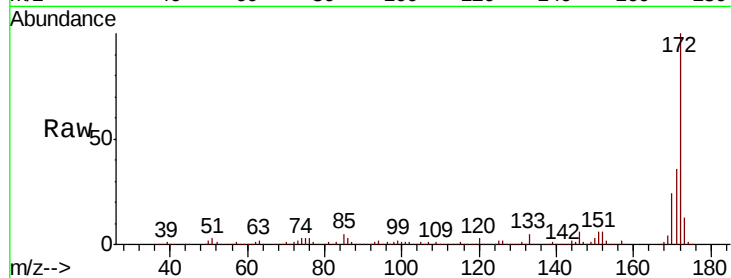




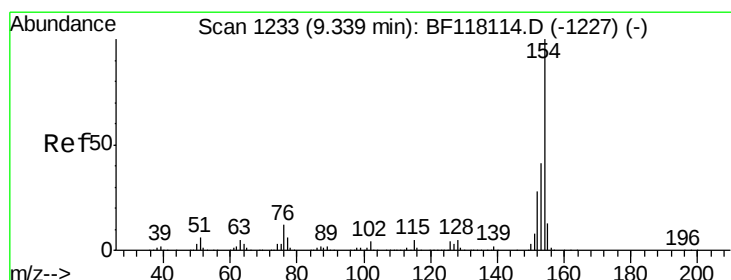
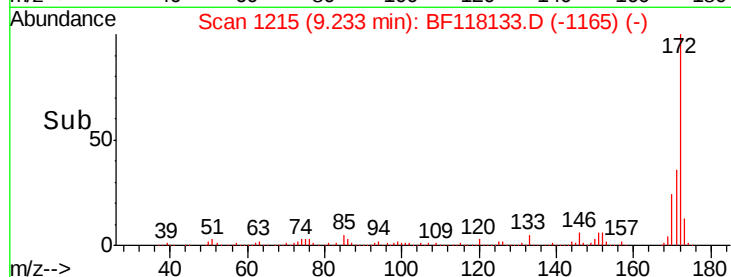
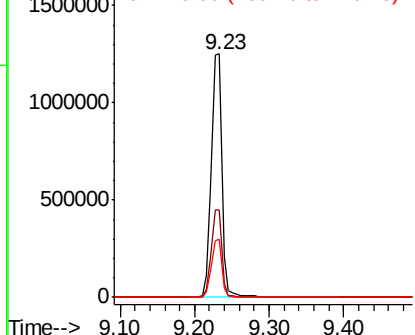
#45
2-Fluorobiphenyl
Concen: 71.315 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1240842
Ion Ratio Lower Upper
172 100
171 35.8 29.2 43.8
170 23.9 19.4 29.2

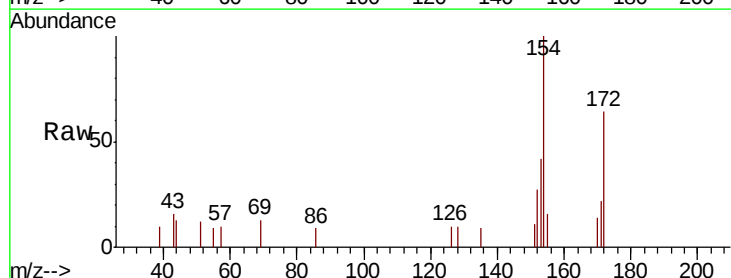


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

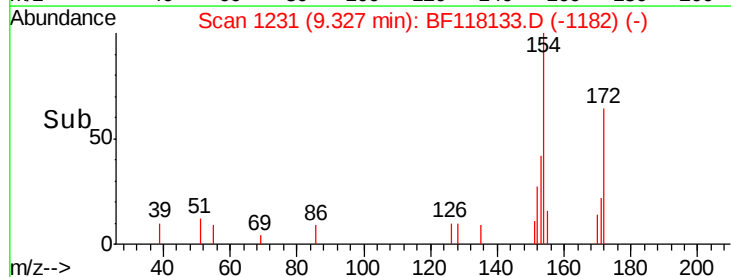
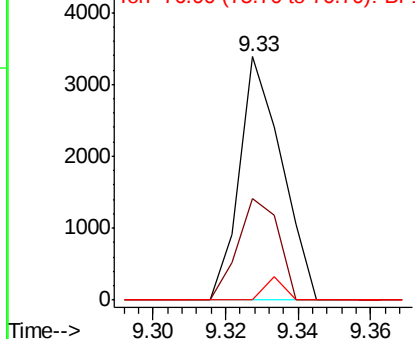


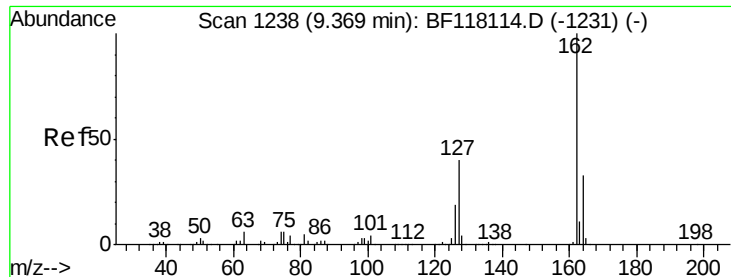
#46
1,1'-Biphenyl
Concen: 0.131 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:154 Resp: 2737
Ion Ratio Lower Upper
154 100
153 41.6 20.7 60.7
76 0.0 0.0 31.9



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

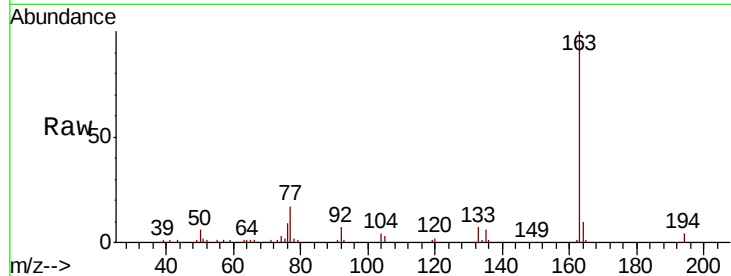




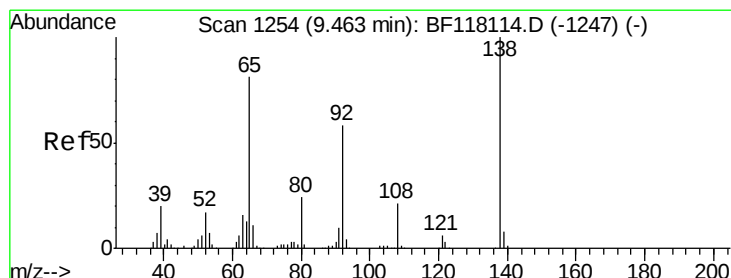
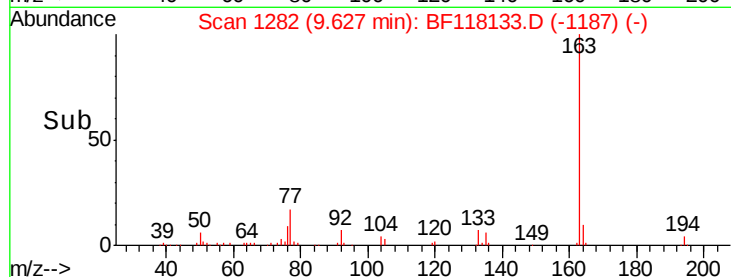
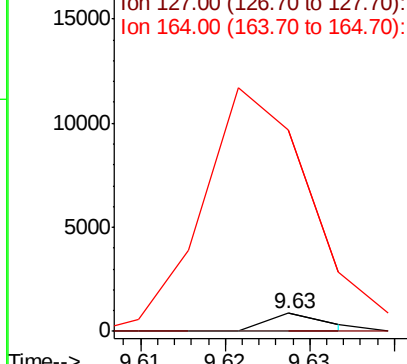
#47
 2-Chloronaphthalene
 Concen: 0.025 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.26 min
 Lab File: BF118133.D
 Acq: 7 Dec 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 420
 Ion Ratio Lower Upper
 162 100
 127 0.0 32.0 48.0#
 164 1111.6 26.1 39.1#

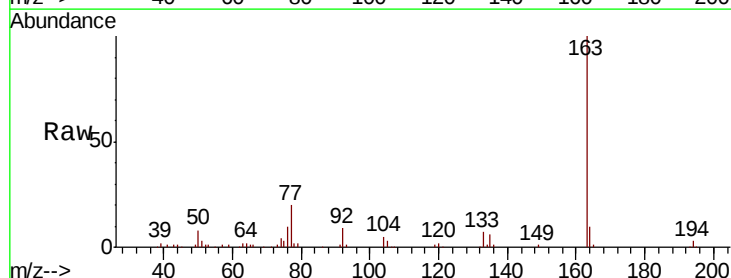


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

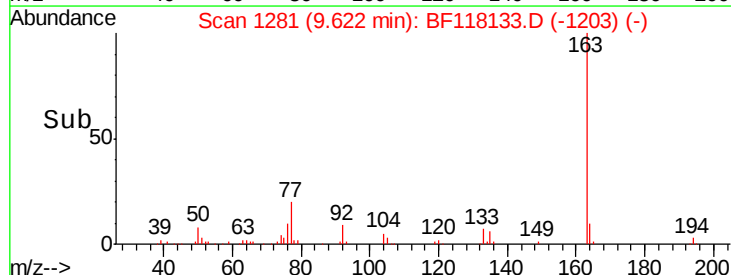
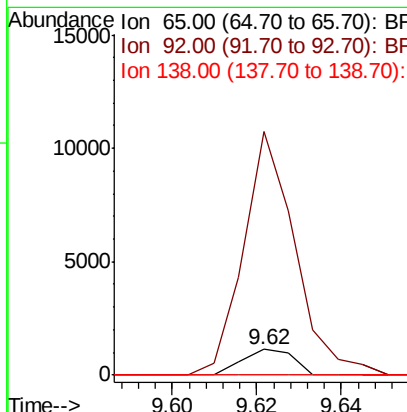


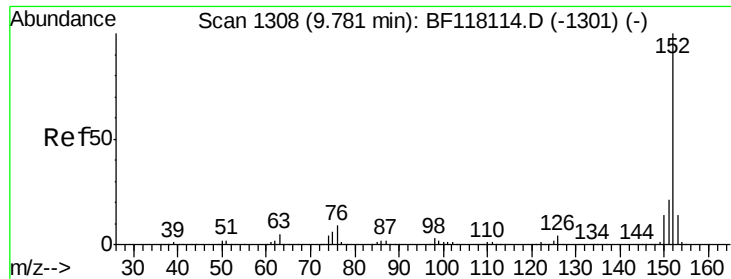
#48
 2-Nitroaniline
 Concen: 0.197 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.16 min
 Lab File: BF118133.D
 Acq: 7 Dec 2019 17:07

Tgt Ion: 65 Resp: 946
 Ion Ratio Lower Upper
 65 100
 92 943.4 57.8 86.6#
 138 0.0 98.8 148.2#



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: 0.005 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

Instrument :

BNA_F

ClientSampleId :

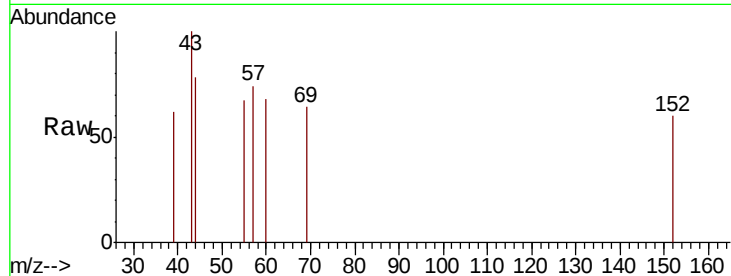
Tot Ion:152 Resp: 117

Ion Ratio Lower Upper

152 100

151 0.0 16.4 24.6#

153 0.0 10.8 16.2#



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

9.77

300

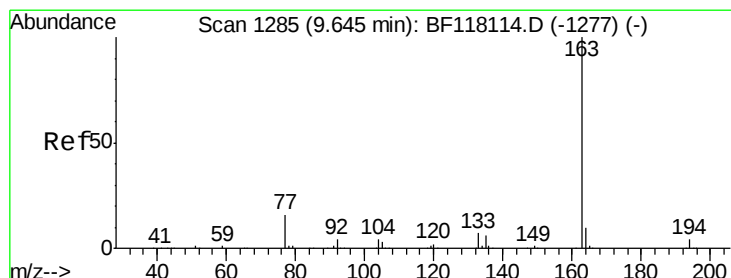
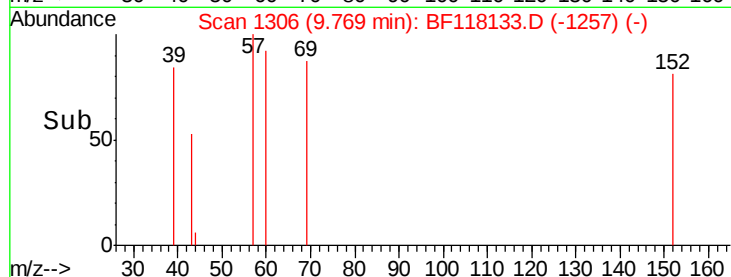
200

100

0

9.75 9.76 9.77 9.78

Time-->



#50

Dimethylphthalate

Concen: 5.609 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

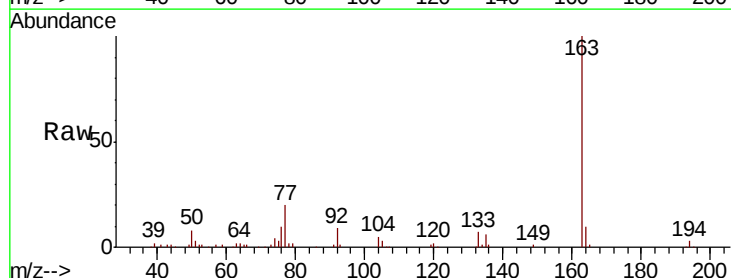
Tgt Ion:163 Resp: 109689

Ion Ratio Lower Upper

163 100

194 3.4 3.1 4.7

164 10.0 7.7 11.5



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

9.62

150000

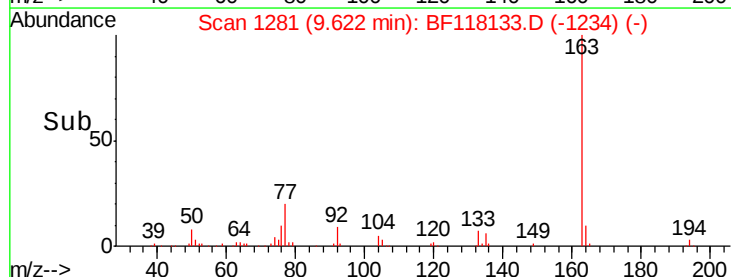
100000

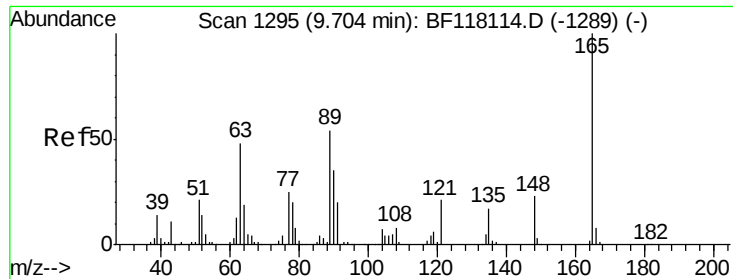
50000

0

9.60 9.62 9.64 9.66 9.68 9.70

Time-->





#51

2,6-Dinitrotoluene

Concen: 0.281 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.08 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

Instrument :

BNA_F

ClientSampled :

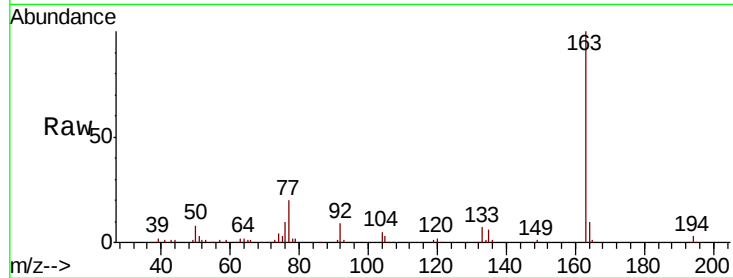
Tot Ion:165 Resp: 1194

Ion Ratio Lower Upper

165 100

63 146.0 41.4 62.0#

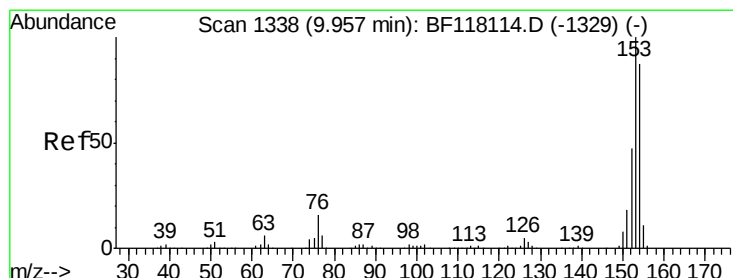
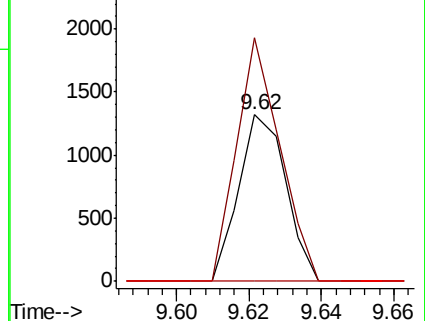
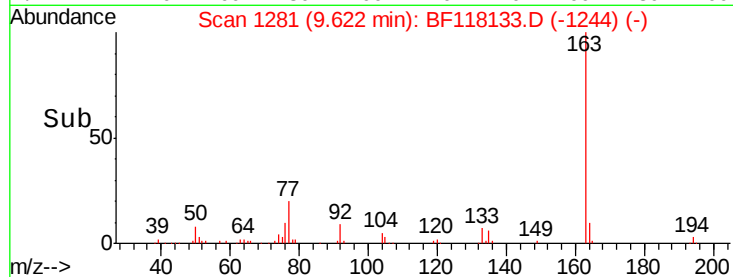
89 0.0 42.9 64.3#



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: 0.051 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.05 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

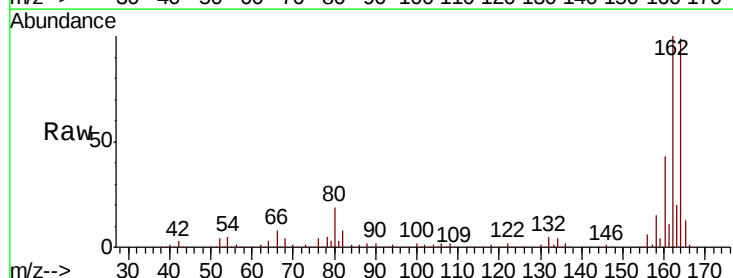
Tgt Ion:154 Resp: 765

Ion Ratio Lower Upper

154 100

153 0.0 91.8 137.6#

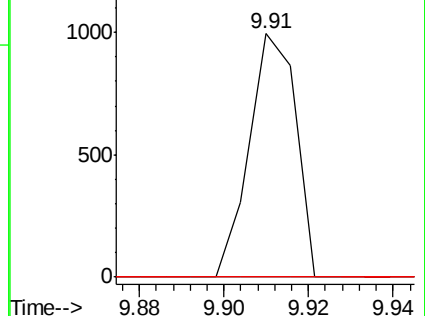
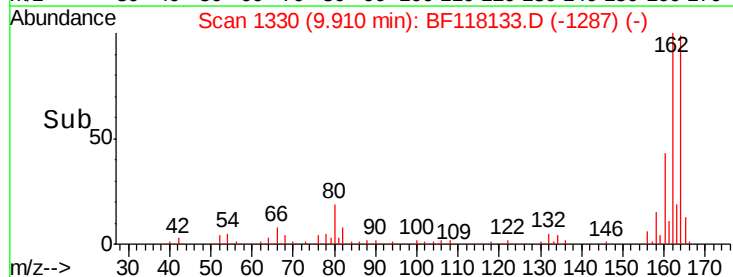
152 0.0 43.3 64.9#

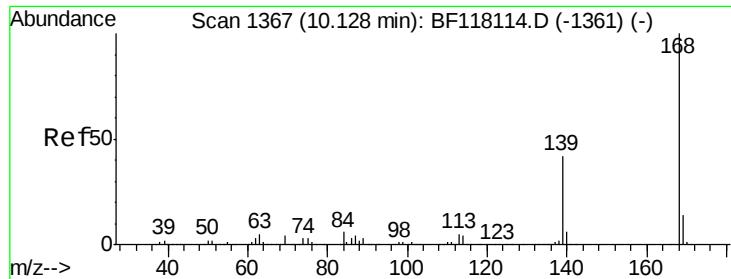


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

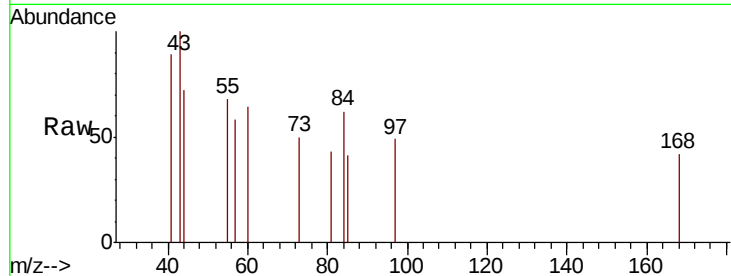




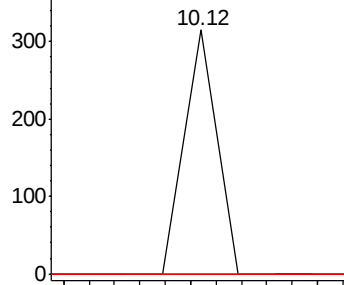
#55
Dibenzofuran
Concen: 0.005 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

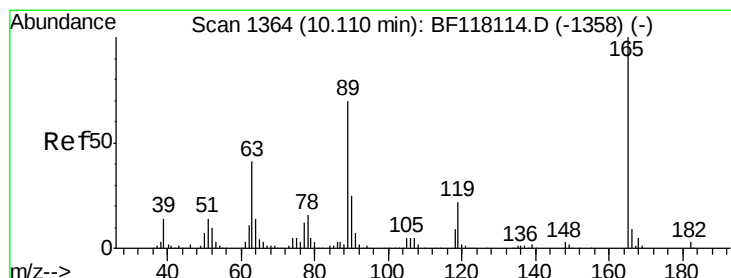
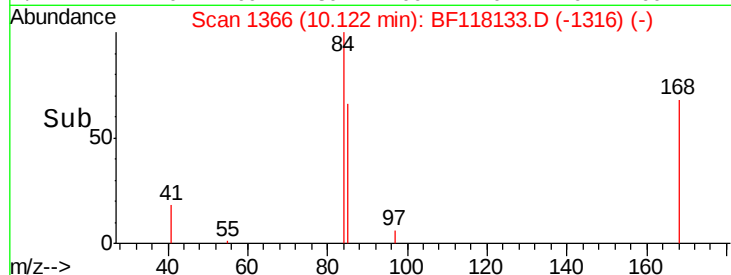
Tot Ion:168 Resp: 111
Ion Ratio Lower Upper
168 100
139 0.0 33.4 50.0#
169 0.0 11.0 16.6#



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

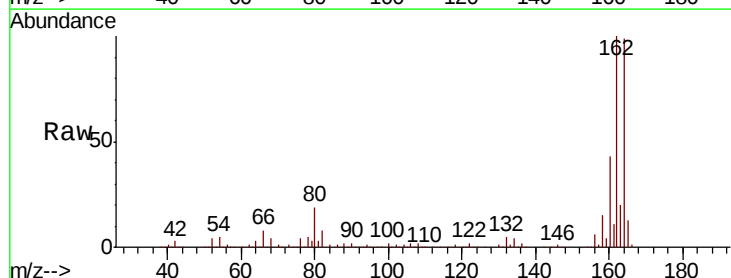


Time-->

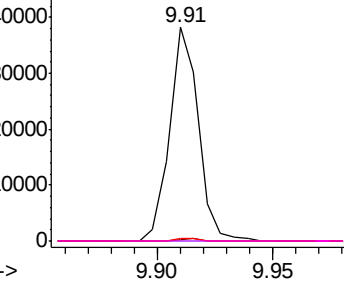


#57
2,4-Dinitrotoluene
Concen: 5.820 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

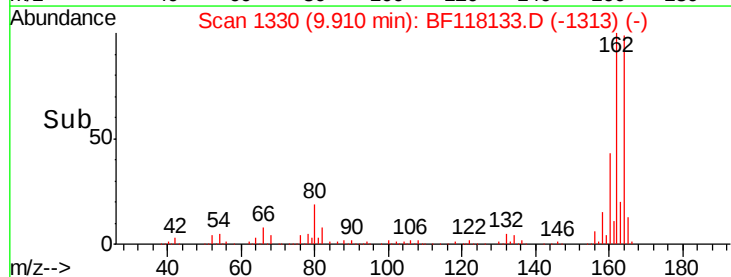
Tgt Ion:165 Resp: 33033
Ion Ratio Lower Upper
165 100
63 0.9 32.6 49.0#
89 1.0 56.1 84.1#
182 0.0 2.1 3.1#

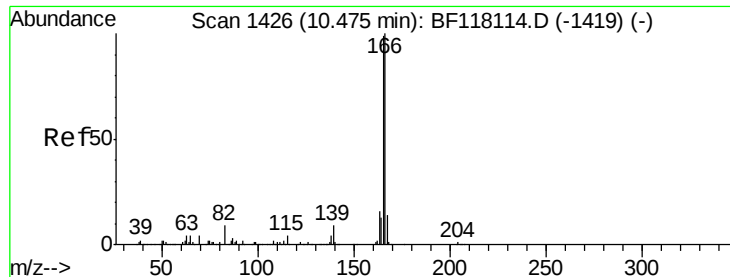


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



Time-->

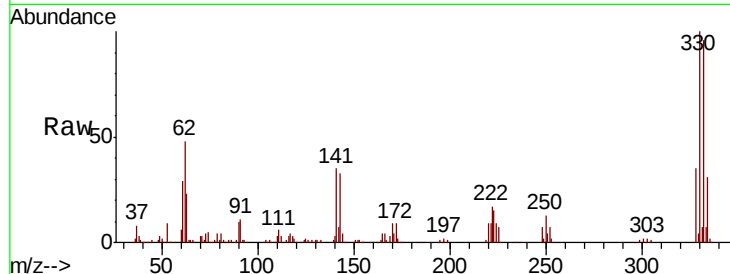




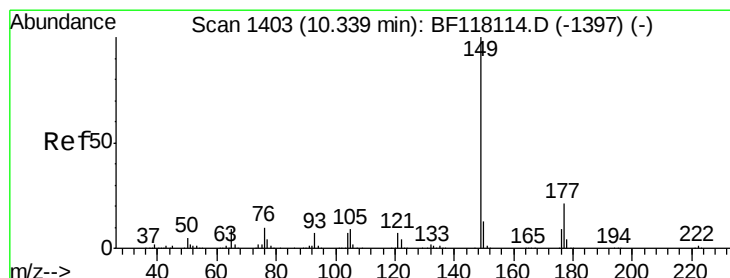
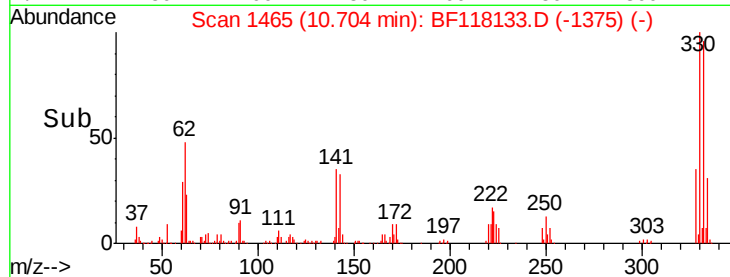
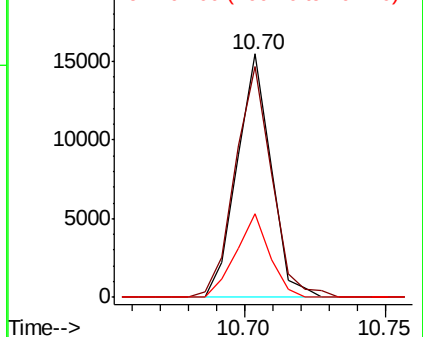
#58
 Fluorene
 Concen: 0.733 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.23 min
 Lab File: BF118133.D
 Acq: 7 Dec 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 12908
 Ion Ratio Lower Upper
 166 100
 165 94.7 79.0 118.4
 167 34.4 10.9 16.3#

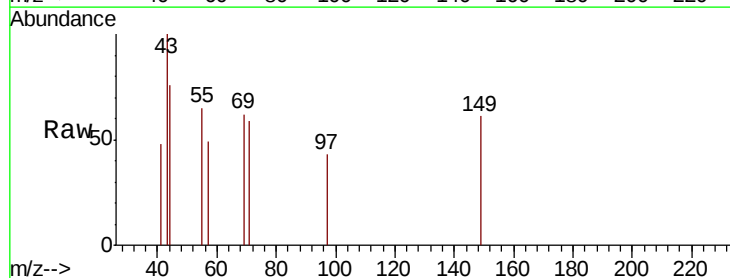


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

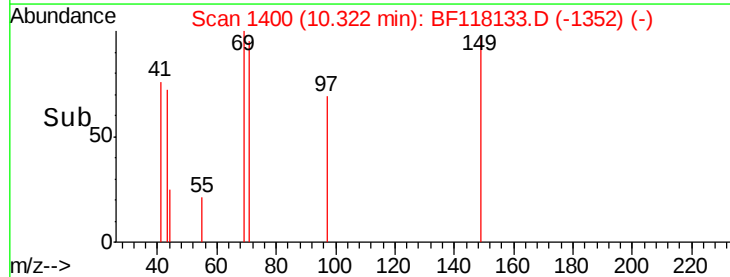
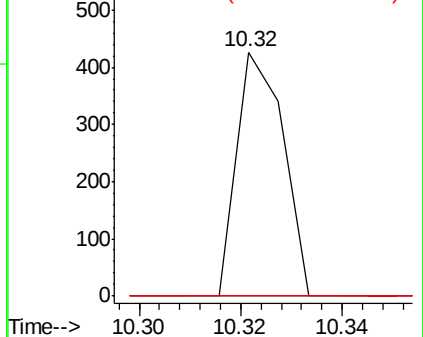


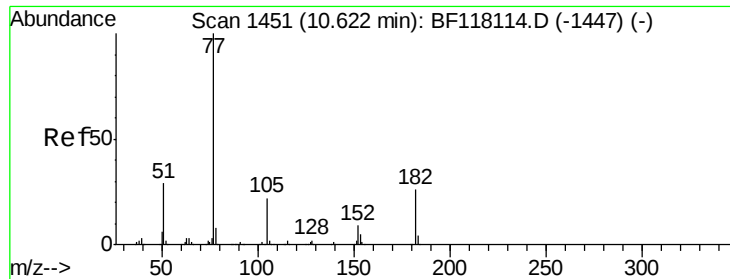
#60
 Diethylphthalate
 Concen: 0.014 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.02 min
 Lab File: BF118133.D
 Acq: 7 Dec 2019 17:07

Tgt Ion:149 Resp: 270
 Ion Ratio Lower Upper
 149 100
 177 0.0 17.0 25.4#
 150 0.0 10.1 15.1#



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

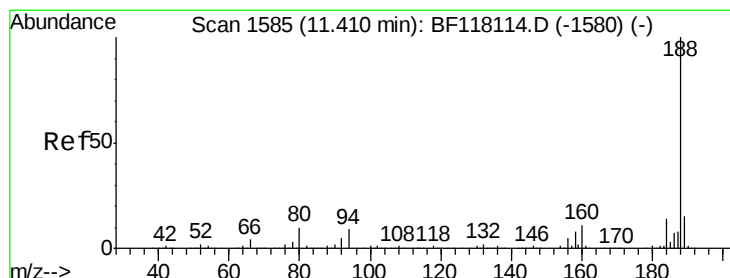
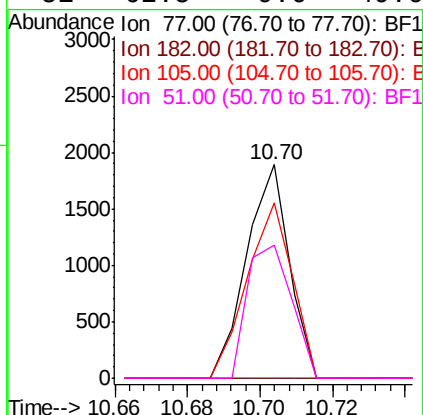
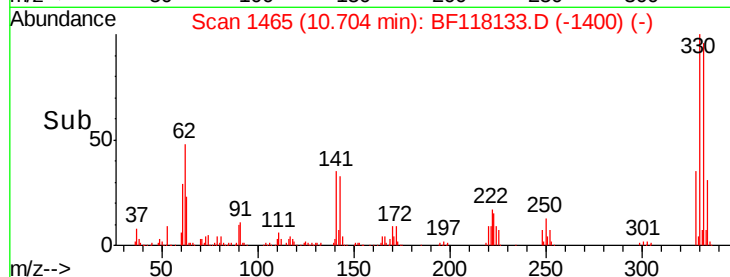
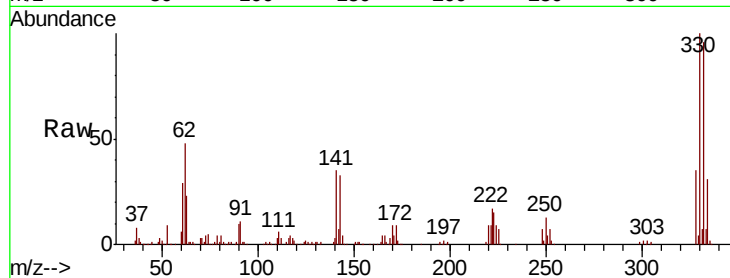




#63
Azobenzene
Concen: 0.095 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.08 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

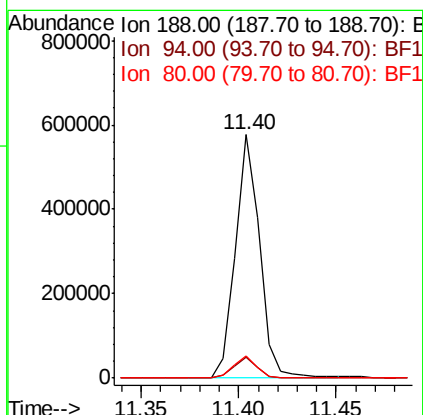
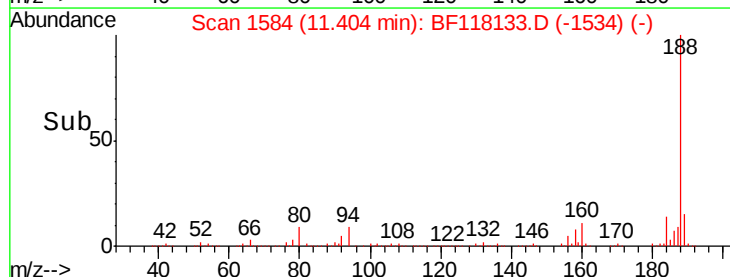
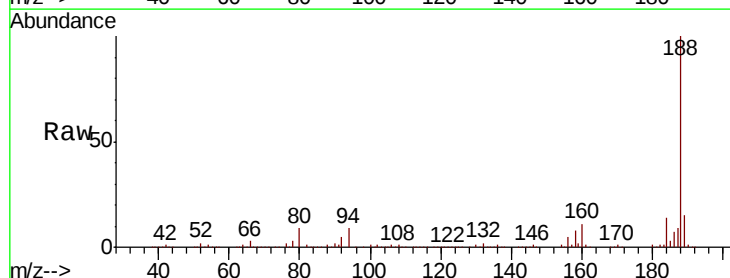
Instrument :
BNA_F
ClientSampleId :

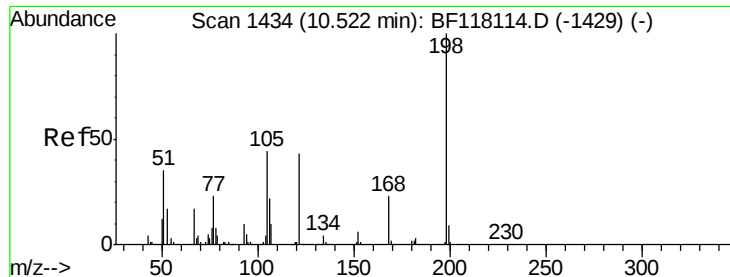
Tot Ion: 77 Resp: 1560
Ion Ratio Lower Upper
77 100
182 0.0 5.7 45.7#
105 82.3 2.2 42.2#
51 62.5 9.6 49.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion: 188 Resp: 498101
Ion Ratio Lower Upper
188 100
94 8.6 7.1 10.7
80 8.9 7.9 11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 0.261 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.18 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

Instrument :

BNA_F

ClientSampleId :

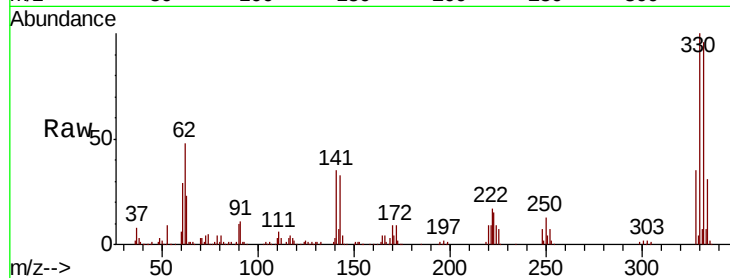
Tot Ion:198 Resp: 718

Ion Ratio Lower Upper

198 100

51 134.6 22.0 62.0#

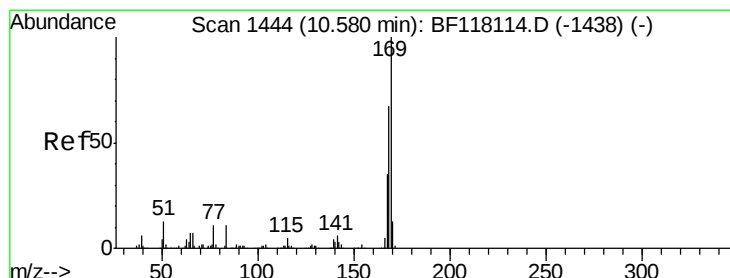
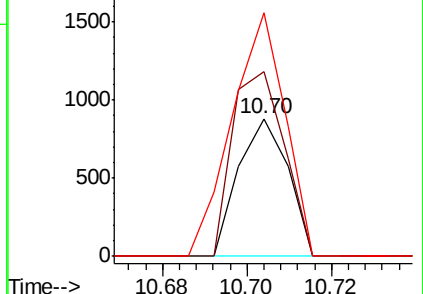
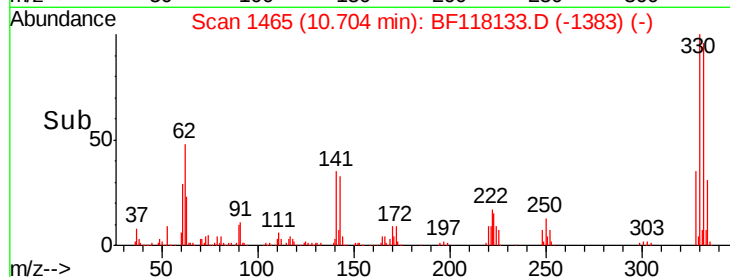
105 177.2 25.6 65.6#



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: 0.593 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.12 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

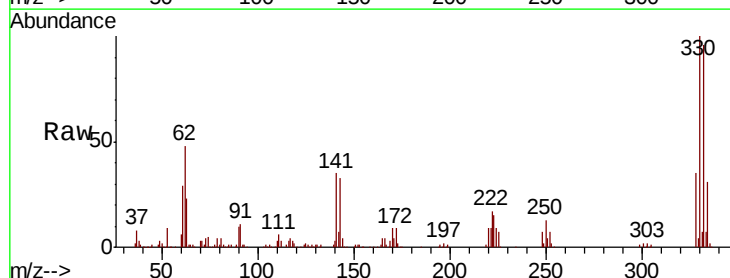
Tgt Ion:169 Resp: 9225

Ion Ratio Lower Upper

169 100

168 7.7 53.4 80.2#

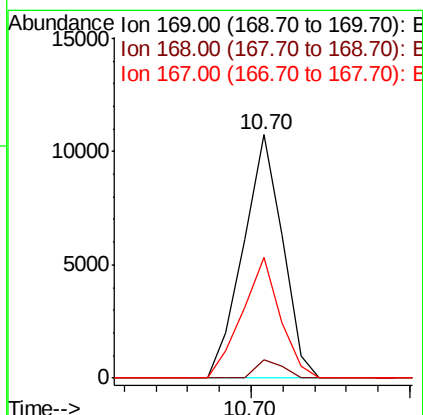
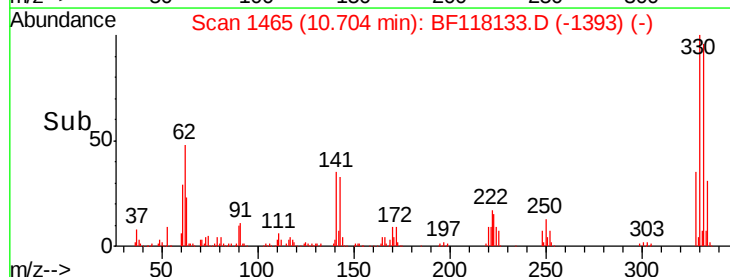
167 49.5 28.4 42.6#

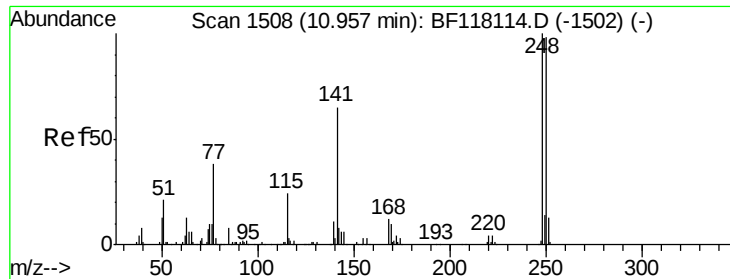


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

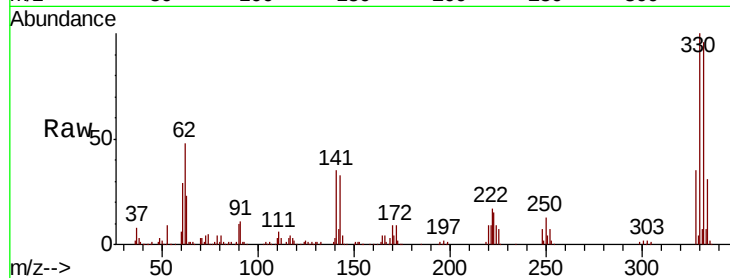




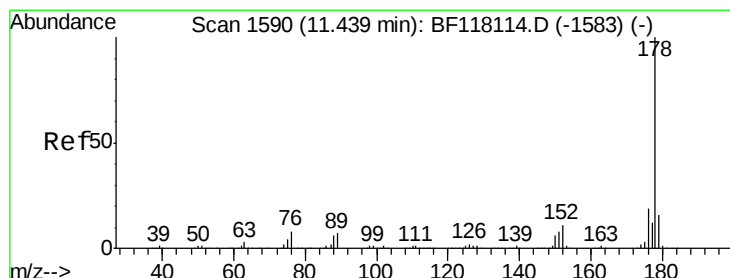
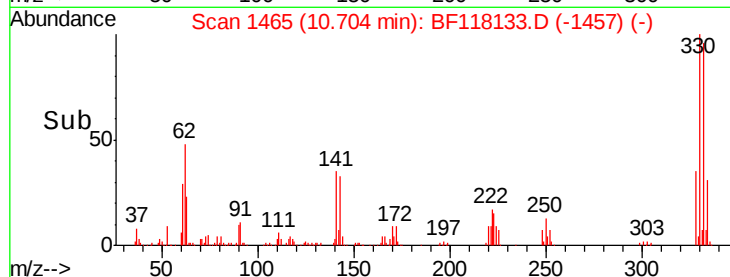
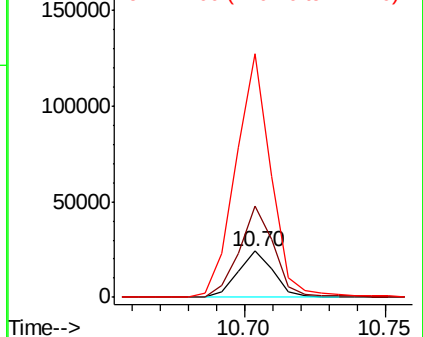
#67
 4-Bromophenyl-phenylether
 Concen: 3.666 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF118133.D
 Acq: 7 Dec 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 20847
 Ion Ratio Lower Upper
 248 100
 250 197.2 78.3 117.5#
 141 527.7 52.2 78.4#

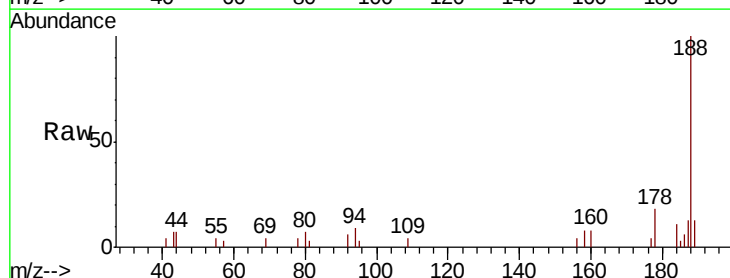


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

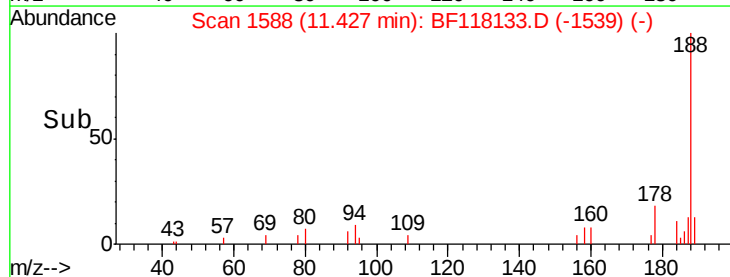
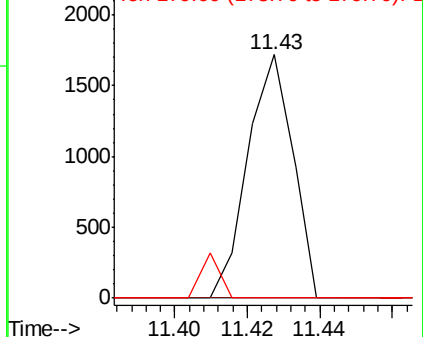


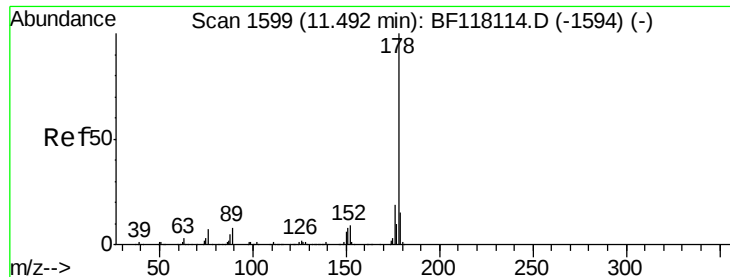
#71
 Phenanthrene
 Concen: 0.056 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF118133.D
 Acq: 7 Dec 2019 17:07

Tgt Ion:178 Resp: 1482
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.5 23.3#
 179 0.0 12.6 18.8#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.017 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

Instrument :

BNA_F

ClientSampleId :

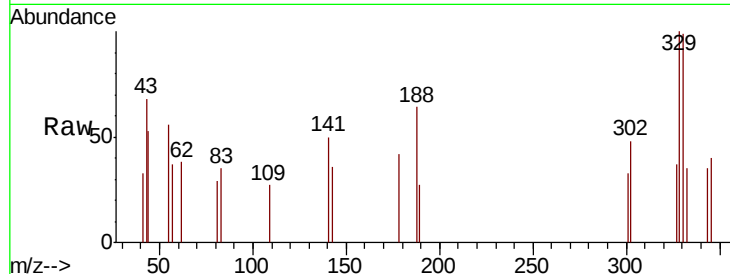
Tot Ion:178 Resp: 438

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.6#

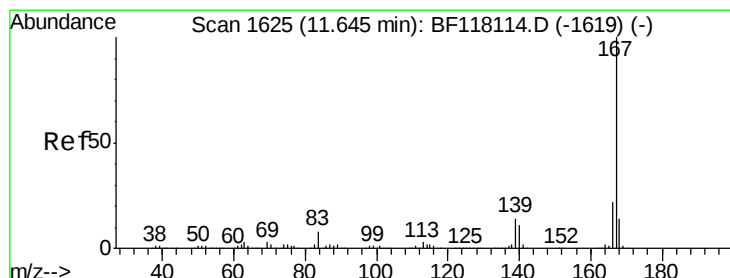
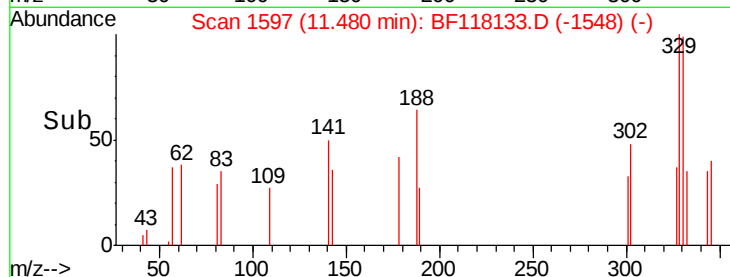
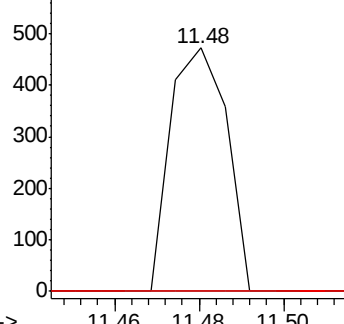
179 0.0 12.2 18.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.005 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.19 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

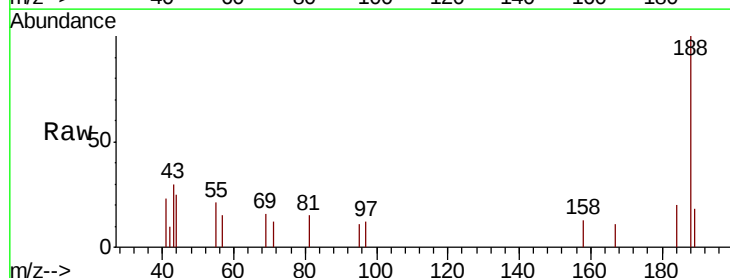
Tgt Ion:167 Resp: 119

Ion Ratio Lower Upper

167 100

166 0.0 17.4 26.2#

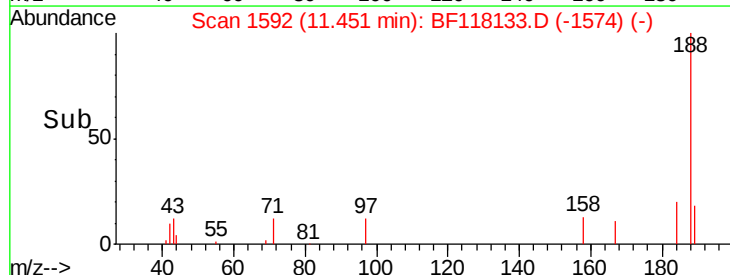
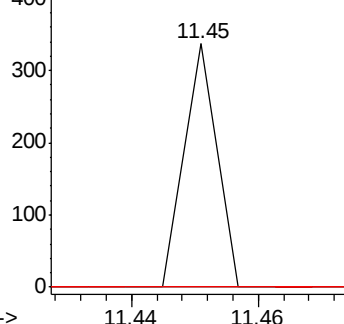
139 0.0 11.4 17.0#

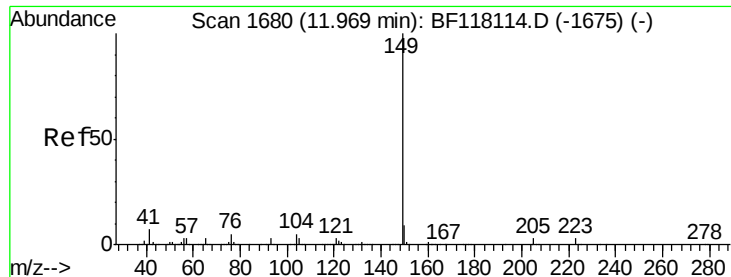


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

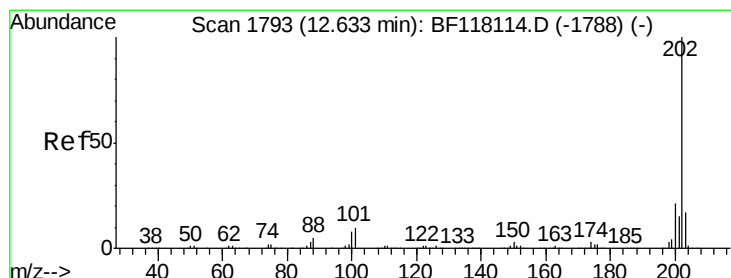
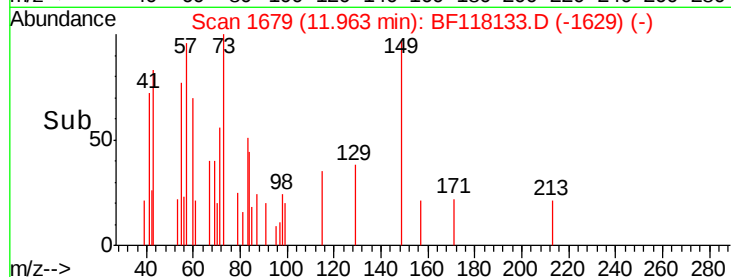
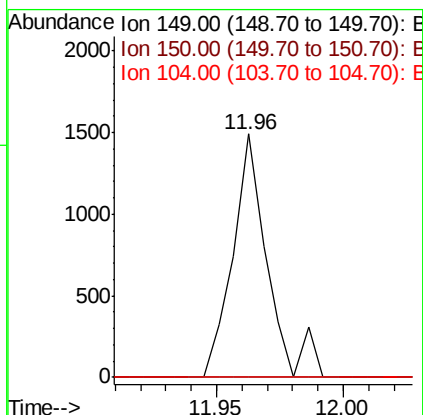
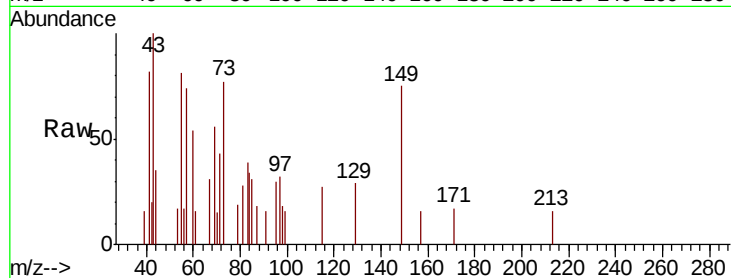




#74
Di-n-butylphthalate
Concen: 0.048 ng
RT: 11.96 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

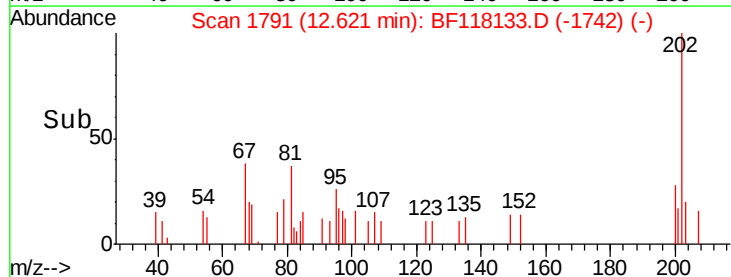
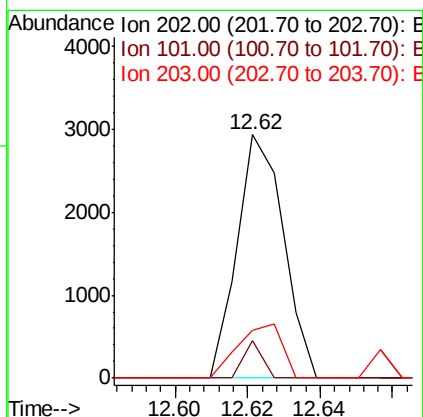
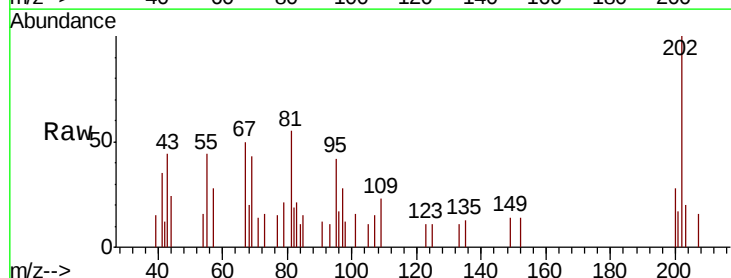
Instrument :
BNA_F
ClientSampleId :

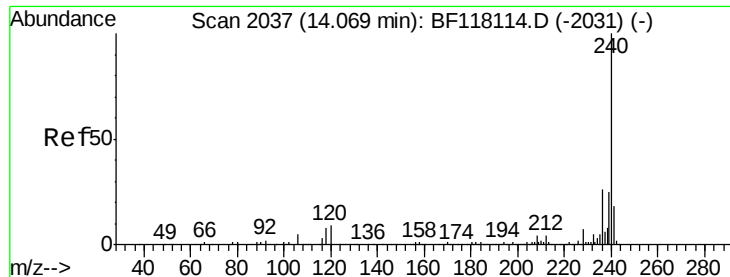
Tot Ion:149 Resp: 1417
Ion Ratio Lower Upper
149 100
150 0.0 7.4 11.2#
104 0.0 4.3 6.5#



#75
Fluoranthene
Concen: 0.096 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:202 Resp: 2599
Ion Ratio Lower Upper
202 100
101 15.5 0.0 30.4
203 19.6 0.0 37.2

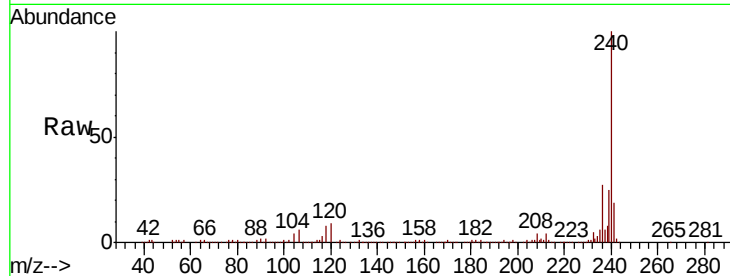




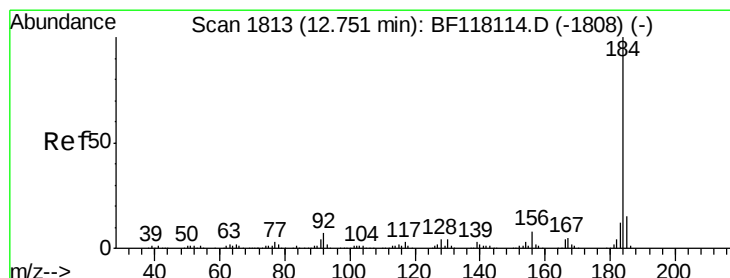
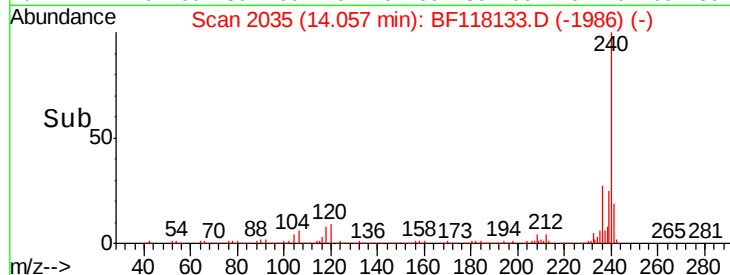
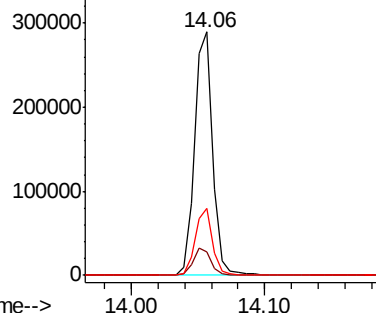
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF118133.D
 Acq: 7 Dec 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 277101
 Ion Ratio Lower Upper
 240 100
 120 9.5 7.1 10.7
 236 27.3 21.0 31.6

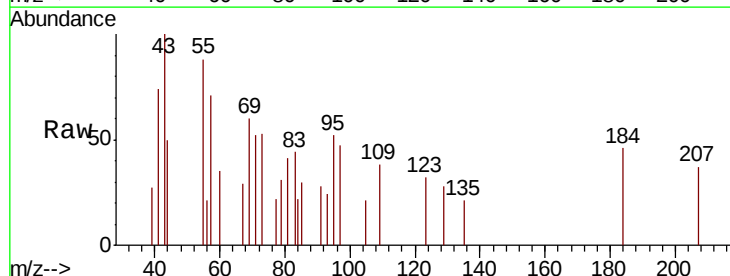


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

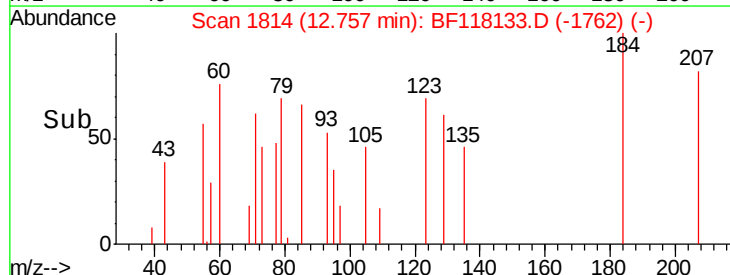
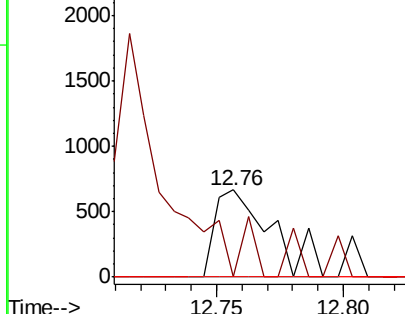


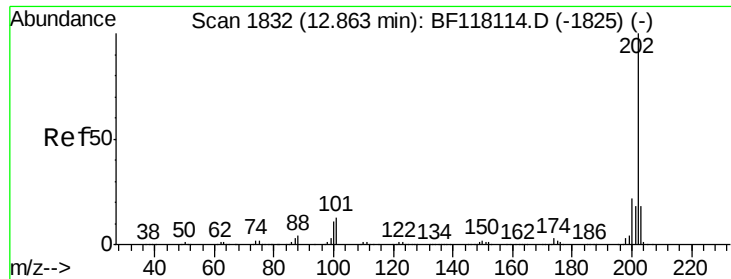
#77
 Benzidine
 Concen: 0.142 ng
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: BF118133.D
 Acq: 7 Dec 2019 17:07

Tgt Ion:184 Resp: 1039
 Ion Ratio Lower Upper
 184 100
 185 0.0 12.3 18.5#
 183 0.0 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

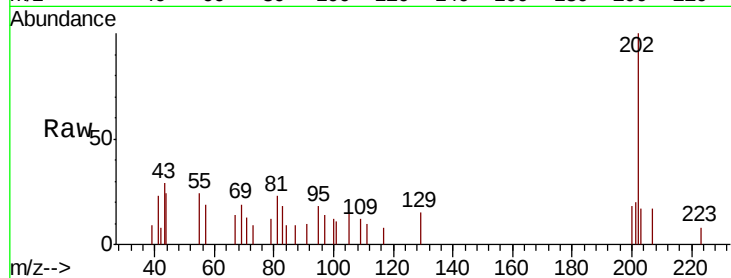




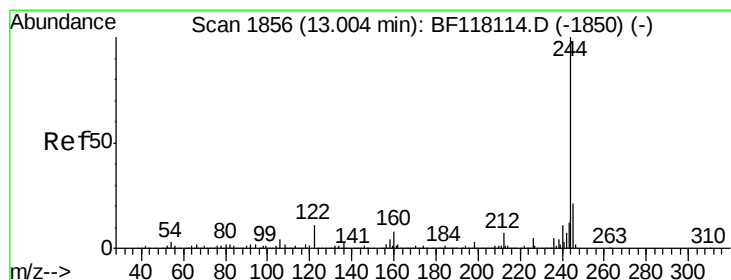
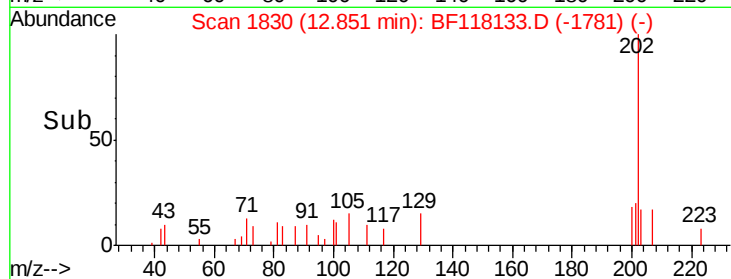
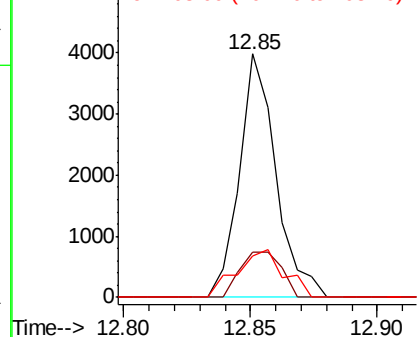
#78
Pvrene
Concen: 0.182 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 3979
Ion Ratio Lower Upper
202 100
200 18.5 17.5 26.3
203 16.9 14.6 21.8

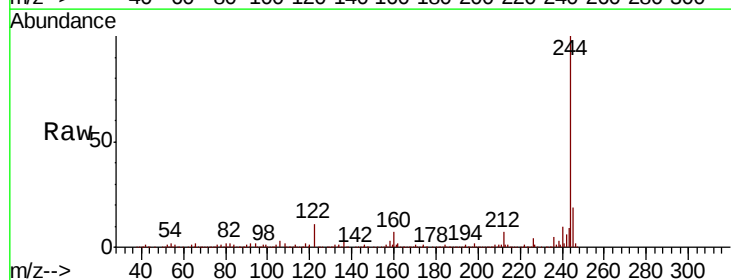


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

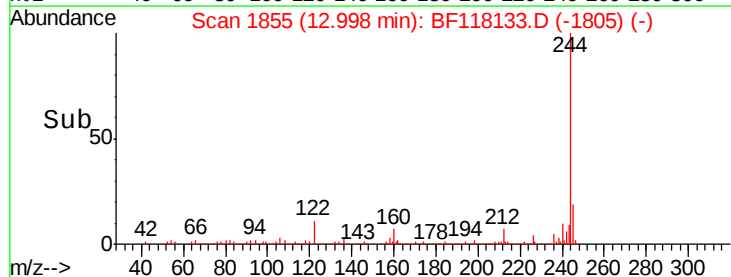
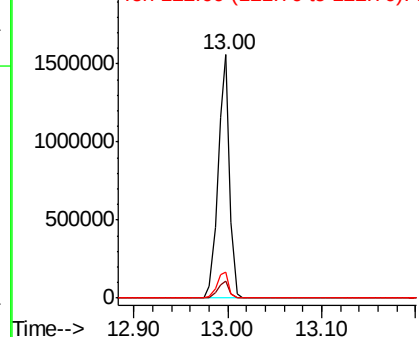


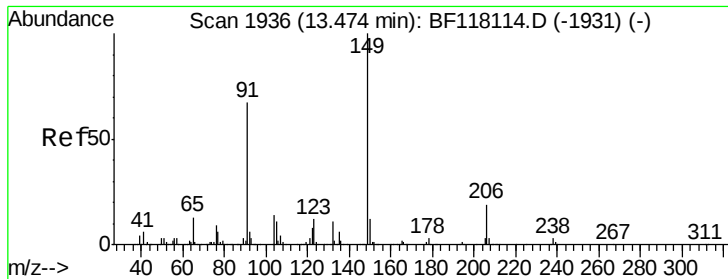
#79
Terphenyl-d14
Concen: 82.960 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:244 Resp: 1336817
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 10.6 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

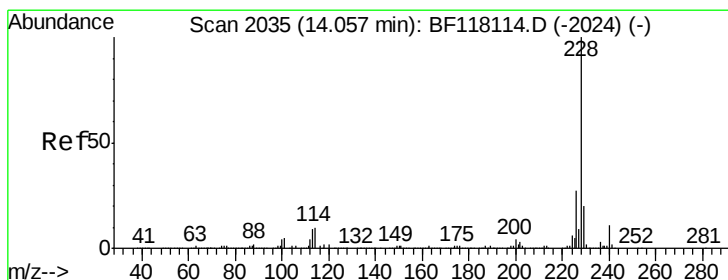
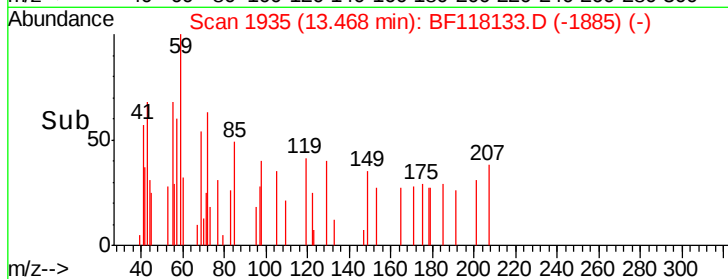
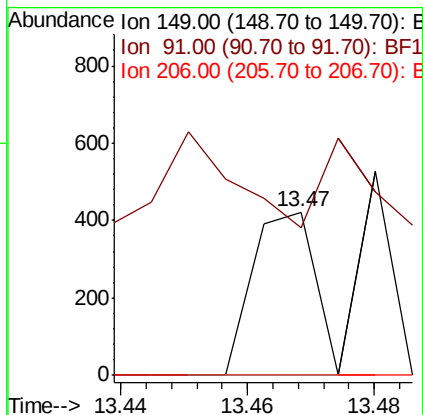
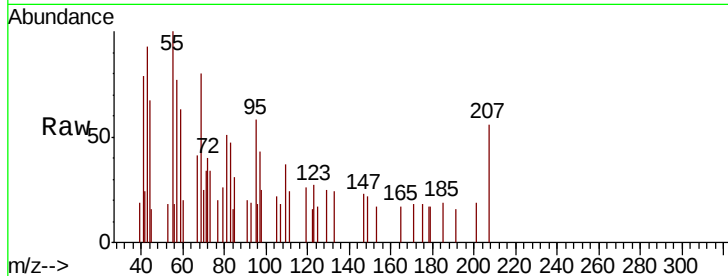




#80
Butylbenzylphthalate
Concen: 0.029 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

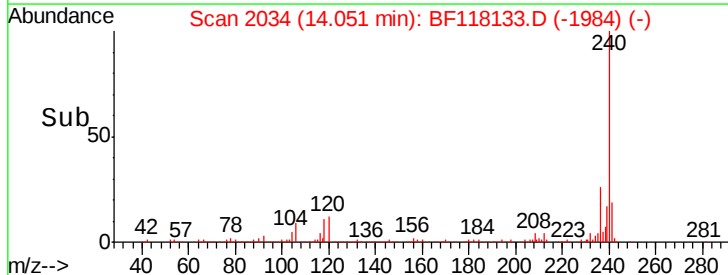
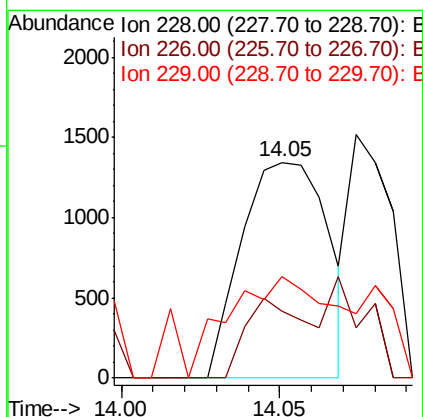
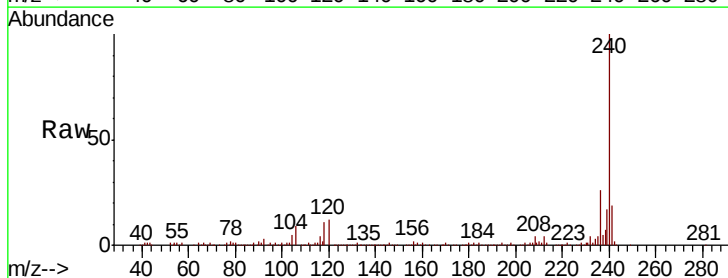
Instrument :
BNA_F
ClientSampled :

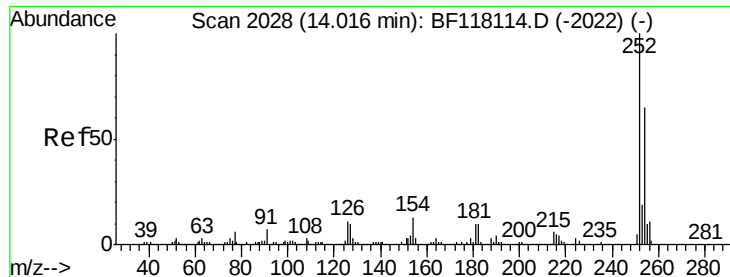
Tot Ion:149 Resp: 287
Ion Ratio Lower Upper
149 100
91 90.3 53.9 80.9#
206 0.0 15.2 22.8#



#81
Benzo(a)anthracene
Concen: 0.133 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:228 Resp: 2541
Ion Ratio Lower Upper
228 100
226 31.1 21.8 32.8
229 46.8 15.8 23.8#





#82

3,3'-Dichlorobenzidine

Concen: 0.018 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

Instrument :

BNA_F

ClientSampled :

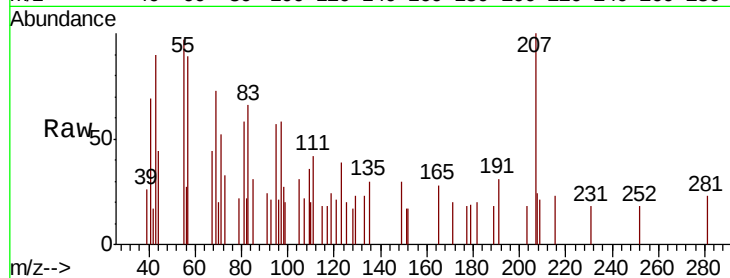
Tot Ion:252 Resp: 114

Ion Ratio Lower Upper

252 100

254 0.0 52.2 78.4#

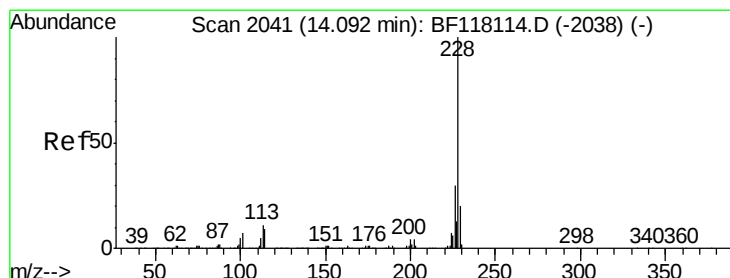
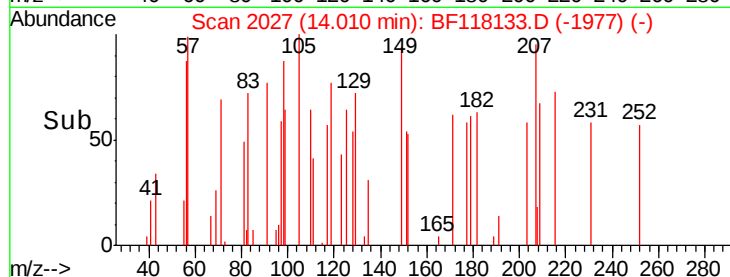
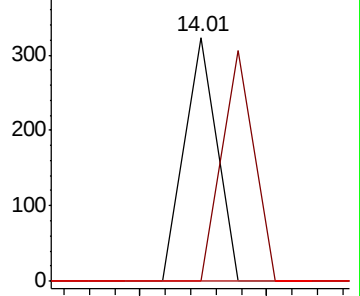
126 0.0 8.6 13.0#



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: 0.075 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

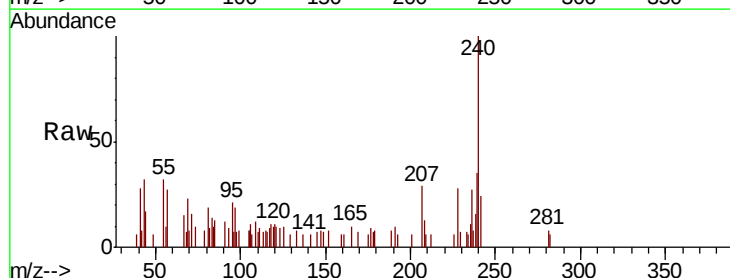
Tgt Ion:228 Resp: 1375

Ion Ratio Lower Upper

228 100

226 20.5 23.8 35.8#

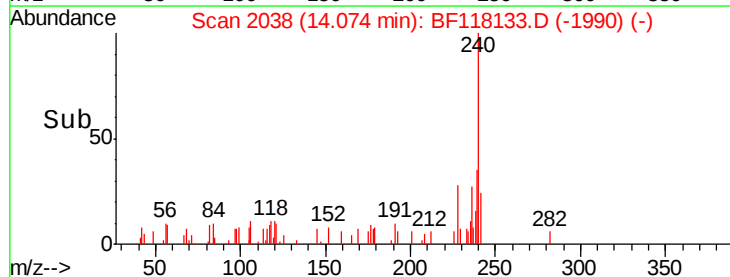
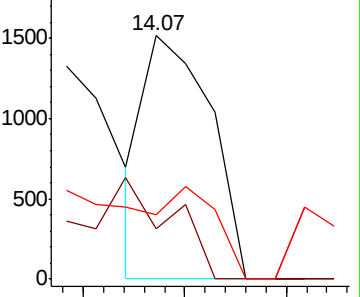
229 26.5 15.7 23.5#

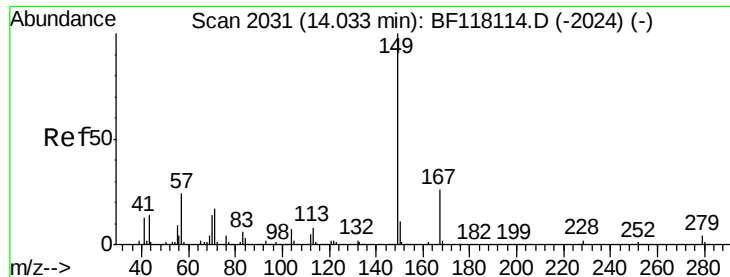


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

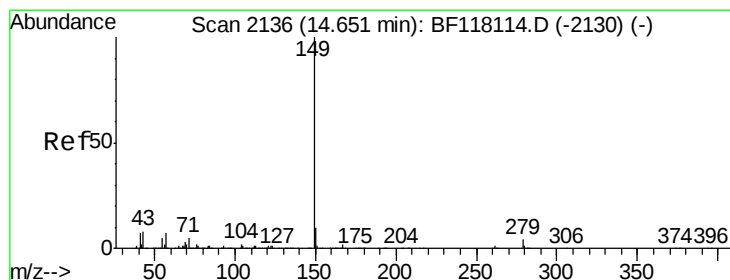
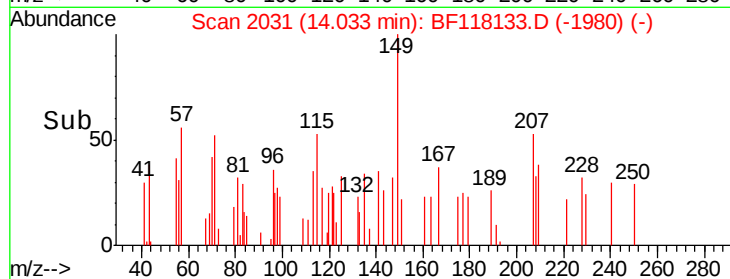
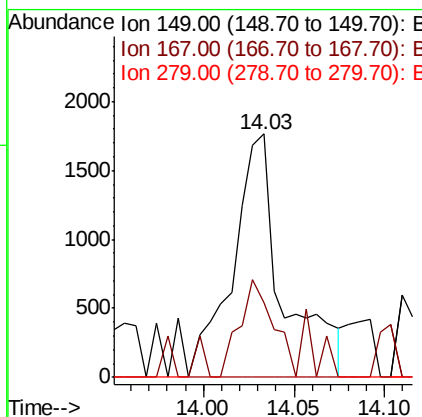
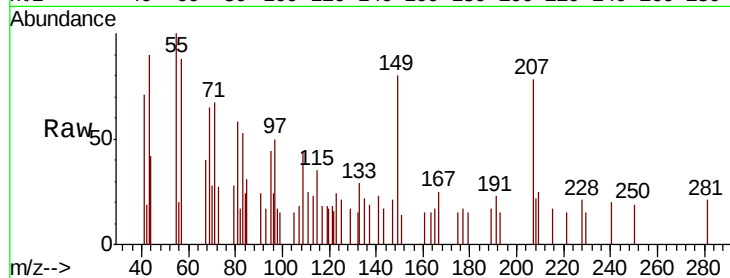




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.263 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF118133.D
 Acq: 7 Dec 2019 17:07

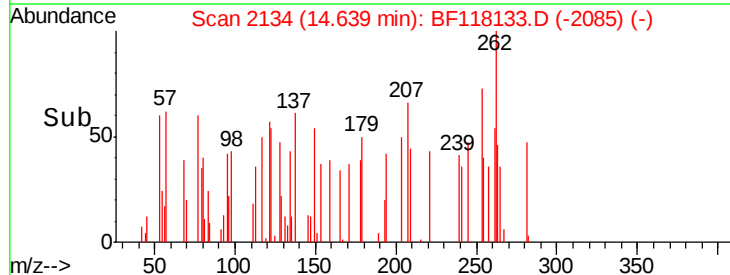
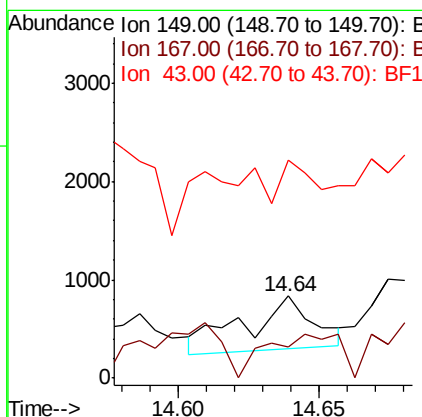
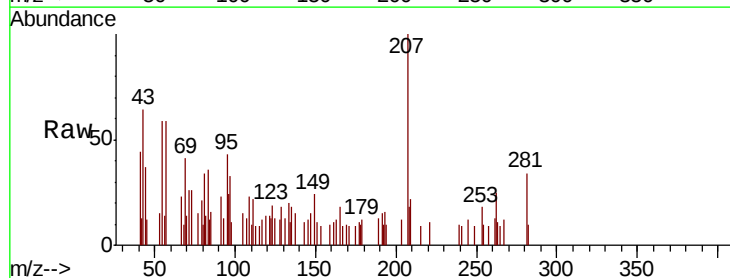
Instrument :
 BNA_F
 ClientSampleId :

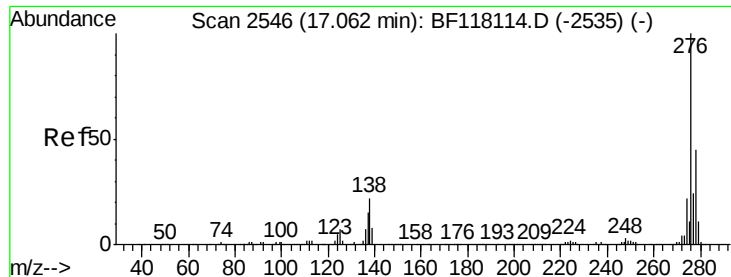
Tot Ion:149 Resp: 3433
 Ion Ratio Lower Upper
 149 100
 167 30.7 20.8 31.2
 279 0.0 2.9 4.3#



#85
 Di-n-octyl phthalate
 Concen: 0.047 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BF118133.D
 Acq: 7 Dec 2019 17:07

Tgt Ion:149 Resp: 923
 Ion Ratio Lower Upper
 149 100
 167 87.0 1.3 1.9#
 43 0.0 6.5 9.7#

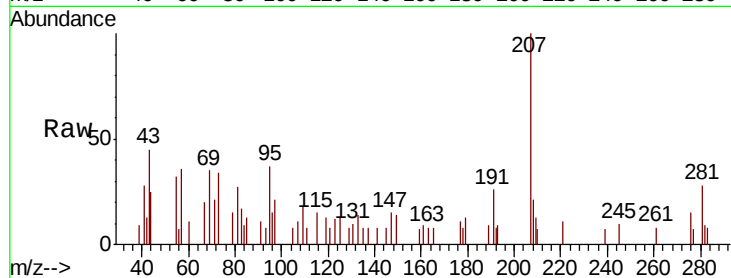




#86
Indeno(1,2,3-cd)pyrene
Concen: 0.082 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.02 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	18.9	28.3#
277	8.5	20.4	30.6#

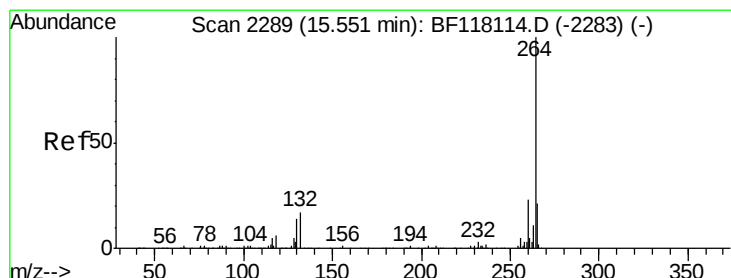
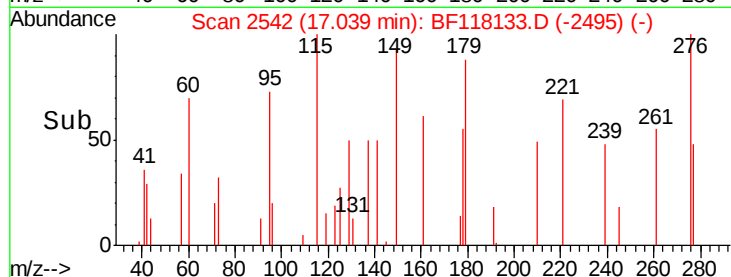
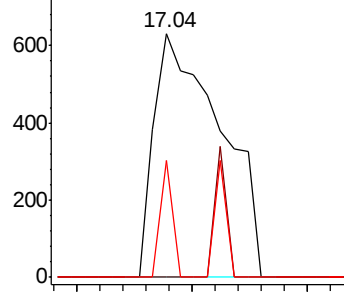


Abundance

Ion 276.00 (275.70 to 276.70): E

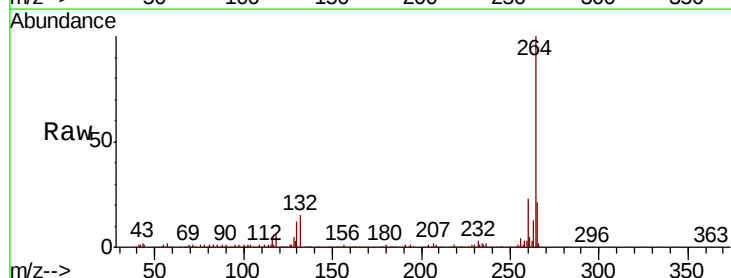
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.1	16.8	25.2

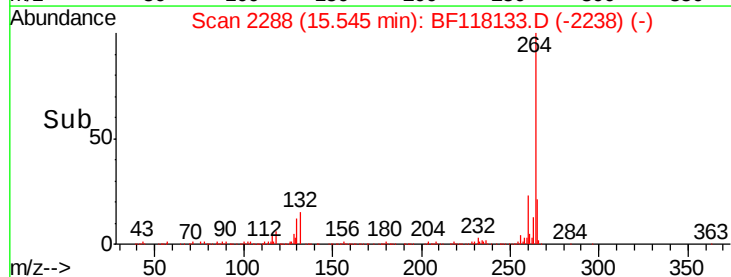
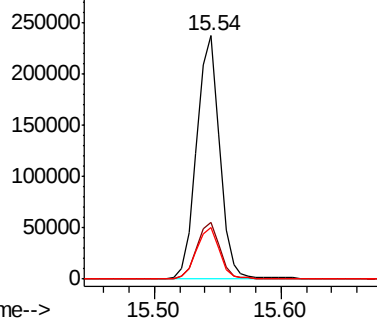


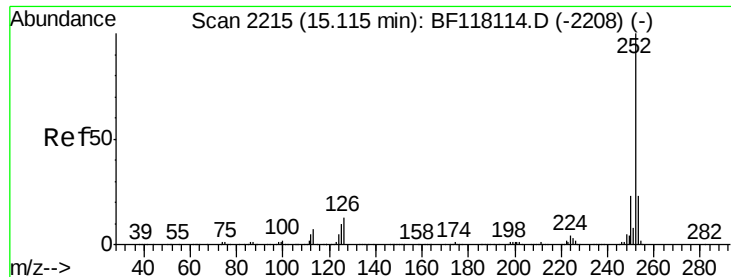
Abundance

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

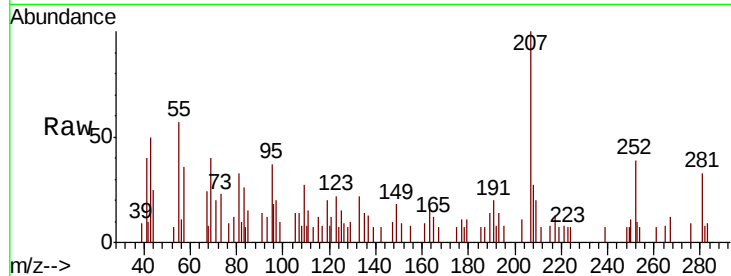




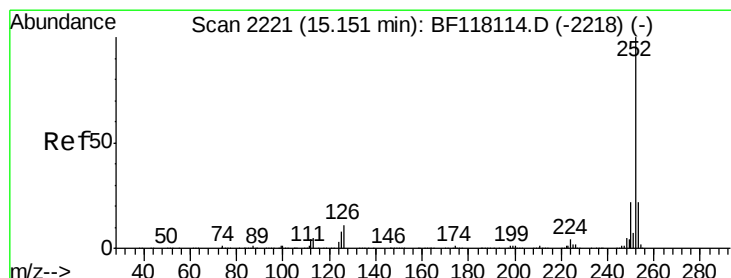
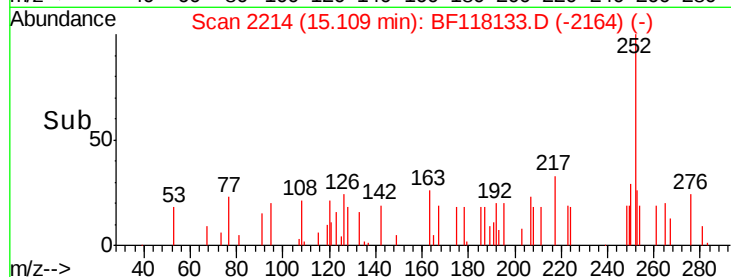
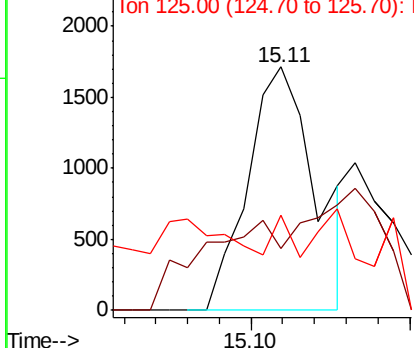
#88
Benzo(b)fluoranthene
Concen: 0.129 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 2548
Ion Ratio Lower Upper
252 100
253 25.6 18.2 27.4
125 39.0 8.3 12.5#

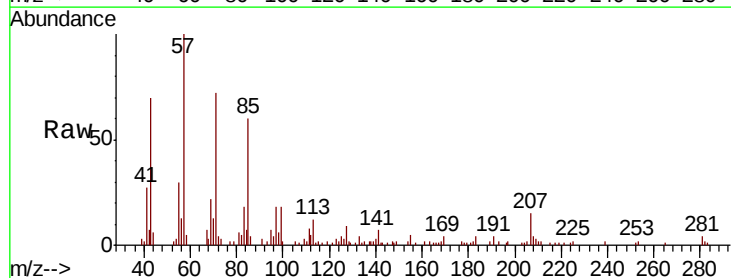


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

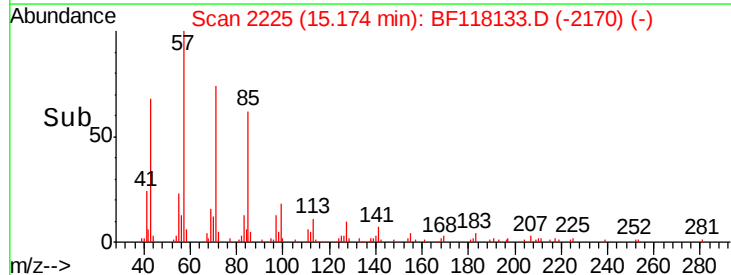
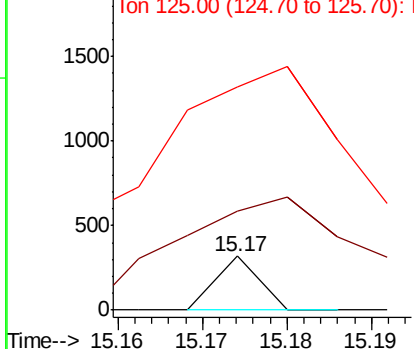


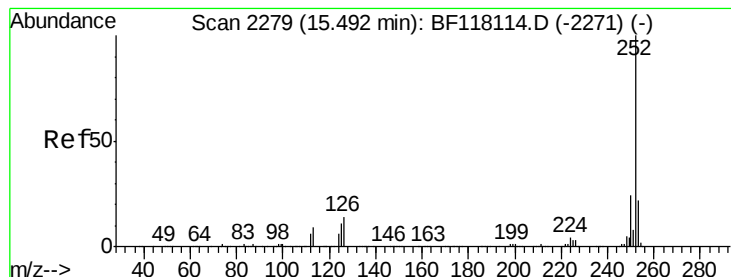
#89
Benzo(k)fluoranthene
Concen: 0.006 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.02 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:252 Resp: 112
Ion Ratio Lower Upper
252 100
253 184.9 17.6 26.4#
125 416.4 6.7 10.1#



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





#90

Benzo(a)pyrene

Concen: 0.114 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.01 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

Instrument :

BNA_F

ClientSampleId :

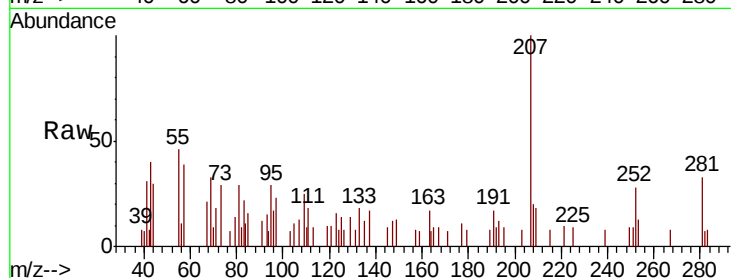
Tot Ion:252 Resp: 1998

Ion Ratio Lower Upper

252 100

253 45.5 17.5 26.3#

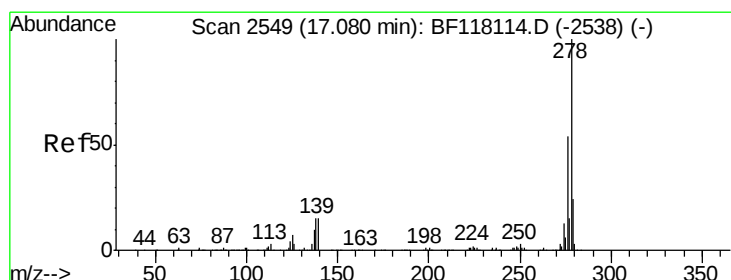
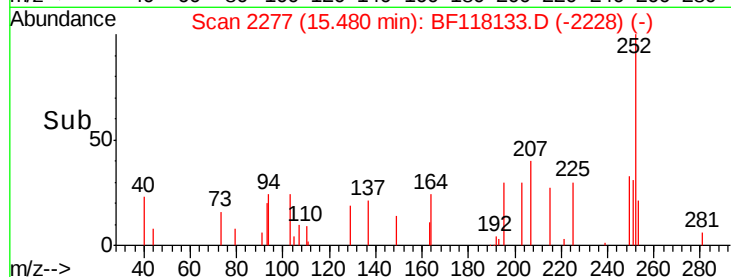
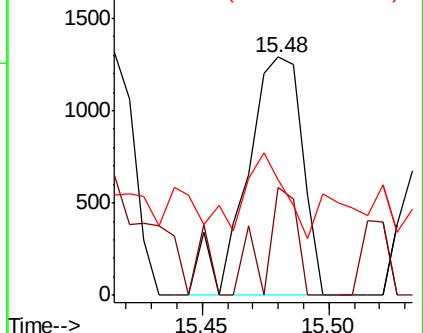
125 48.4 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 0.015 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.02 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

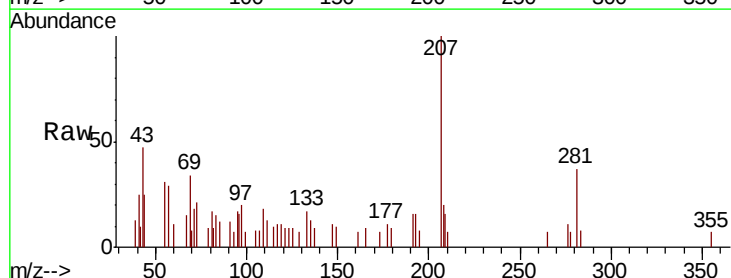
Tgt Ion:278 Resp: 222

Ion Ratio Lower Upper

278 100

139 0.0 11.7 17.5#

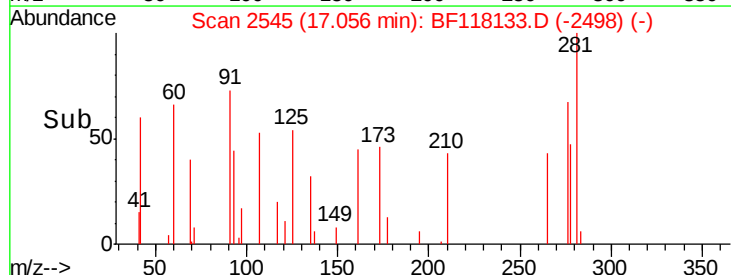
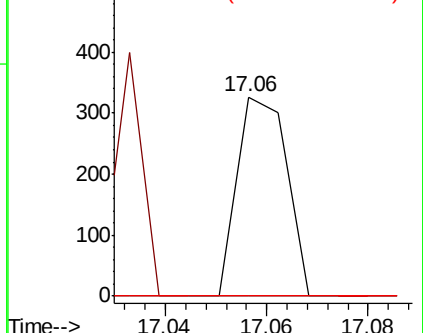
279 0.0 19.0 28.4#

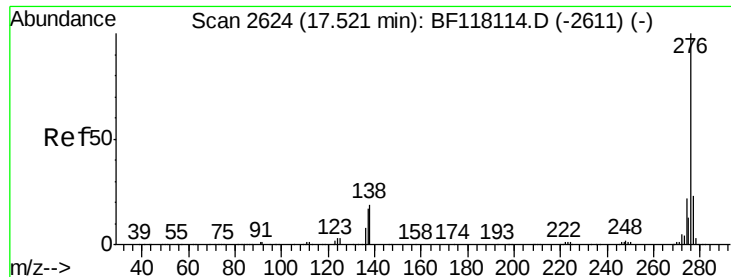


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 0.102 ng

RT: 17.50 min Scan# 2620

Delta R.T. -0.02 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

Instrument :

BNA_F

ClientSampleId :

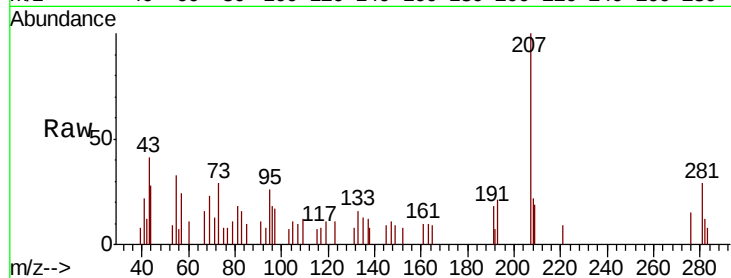
Tot Ion: 276 Resp: 1475

Ion Ratio Lower Upper

276 100

277 0.0 18.2 27.4#

138 51.0 15.5 23.3#



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

