

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115054.D
 Acq On : 14 Jun 2019 21:44
 Operator : HP/JU
 Sample : K3351-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 04:53:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	258564	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	968598	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	465876	20.00	ng	-0.01
64) Phenanthrene-d10	11.14	188	781146	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	426563	20.00	ng	0.00
87) Perylene-d12	15.15	264	492715	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	994678	64.24	ng	0.00
7) Phenol-d6	6.29	99	1222153	65.43	ng	-0.01
23) Nitrobenzene-d5	7.20	82	719497	44.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.46	330	263508	52.82	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	1391724	50.63	ng	0.00
79) Terphenyl-d14	12.73	244	1068853	47.13	ng	-0.01

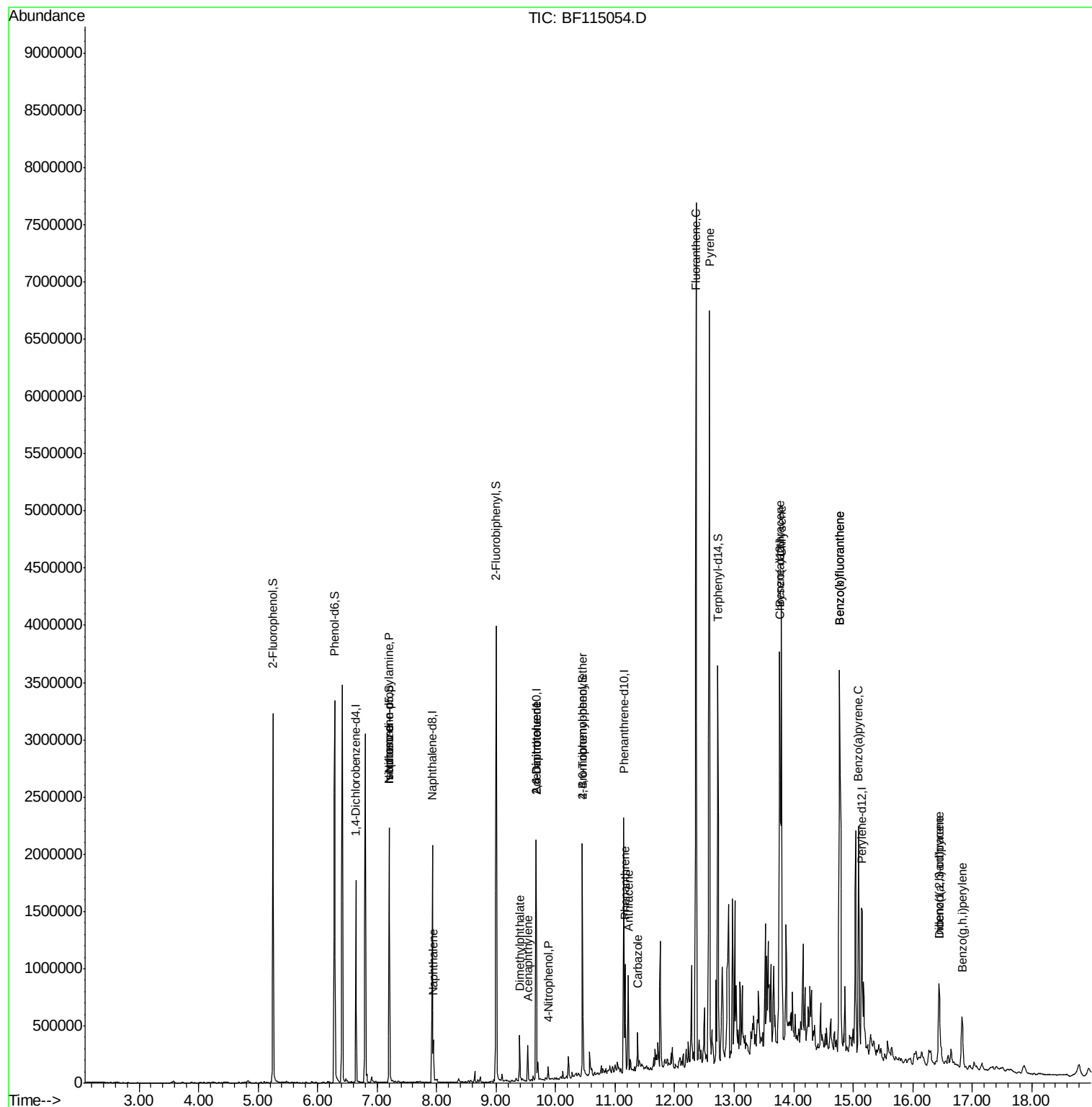
Target Compounds				Qvalue		
9) Benzaldehyde	6.20	77	696	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.20	70	92793	8.176 ng	#	77
25) Isophorone	7.20	82	702825	23.320 ng	#	62
31) Naphthalene	7.95	128	146024	3.186 ng		97
49) Acenaphthylene	9.53	152	144448	3.112 ng		97
50) Dimethylphthalate	9.39	163	171632	4.899 ng		99
51) 2,6-Dinitrotoluene	9.67	165	61424	7.729 ng	#	36
56) 4-Nitrophenol	9.87	139	16792	2.501 ng	#	18
57) 2,4-Dinitrotoluene	9.67	165	61558	6.086 ng	#	29
58) Fluorene	10.22	166	55919	Below Cal		97
61) 4-Chlorophenyl-phenylether	10.21	204	123	Below Cal	#	1
67) 4-Bromophenyl-phenylether	10.45	248	16909	2.016 ng	#	1
71) Phenanthrene	11.17	178	325086	8.060 ng		96
72) Anthracene	11.22	178	336399	8.268 ng		96
73) Carbazole	11.37	167	107112	3.016 ng		98
75) Fluoranthene	12.36	202	3498063	84.820 ng		97
78) Pyrene	12.59	202	3023310	77.802 ng		98
81) Benzo(a)anthracene	13.76	228	1337750	41.908 ng		98
83) Chrysene	13.80	228	1546862	48.732 ng		97
86) Indeno(1,2,3-cd)pyrene	16.44	276	412538	14.795 ng		96
88) Benzo(b)fluoranthene	14.77	252	2405814	73.451 ng		99
89) Benzo(k)fluoranthene	14.77	252	2405814	83.682 ng	#	97
90) Benzo(a)pyrene	15.09	252	851247	30.119 ng		99
91) Dibenzo(a,h)anthracene	16.45	278	125720	5.165 ng		97
92) Benzo(g,h,i)perylene	16.83	276	341741	13.767 ng		99

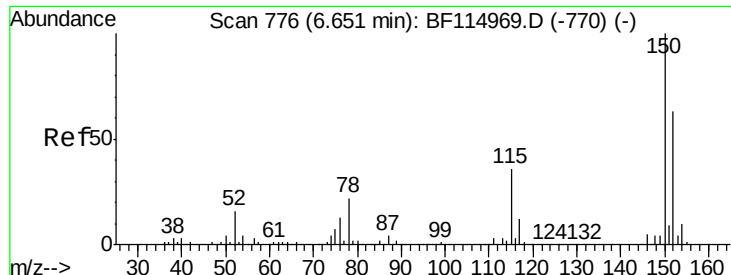
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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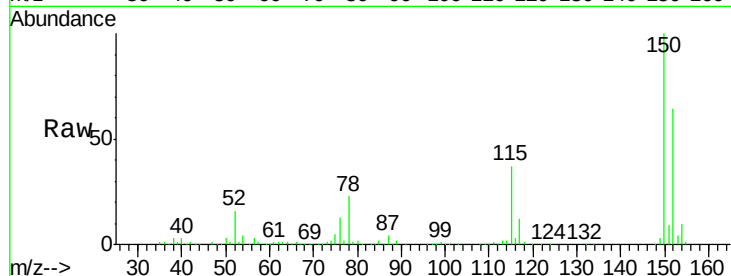


#1

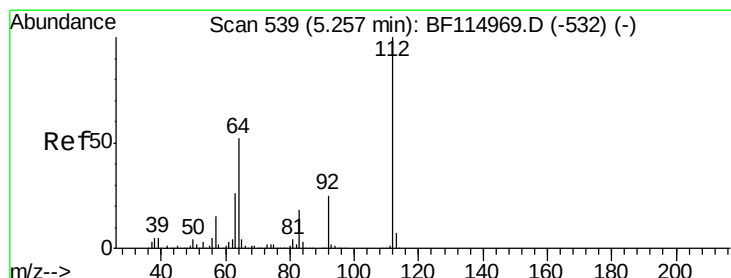
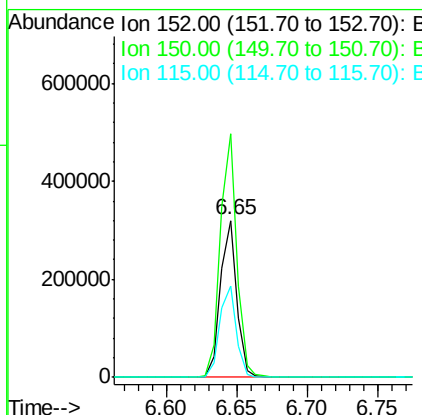
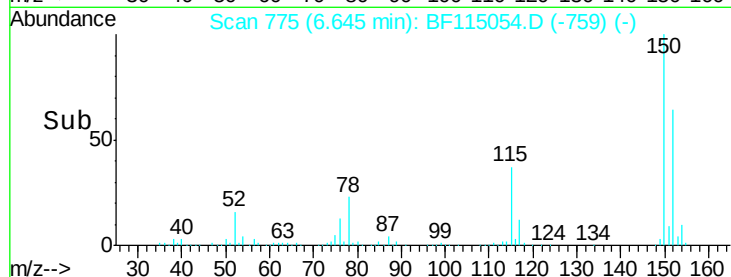
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115054.D
Acq: 14 Jun 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.4	191.0
115	58.2	46.0	69.0



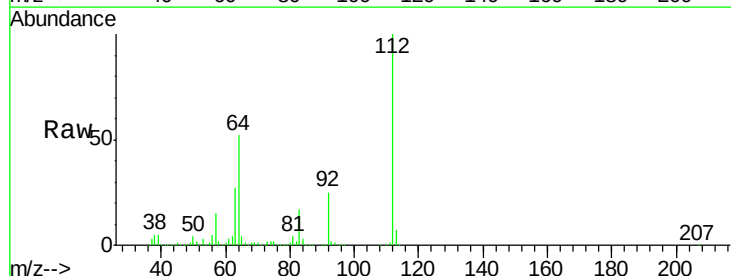
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



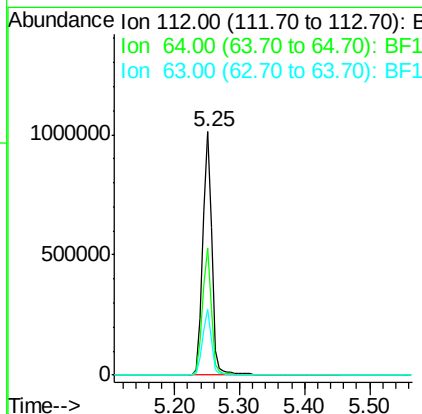
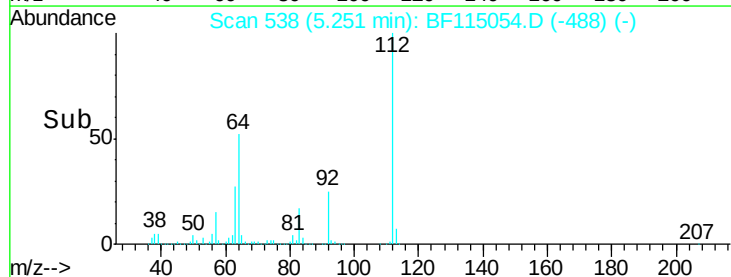
#5

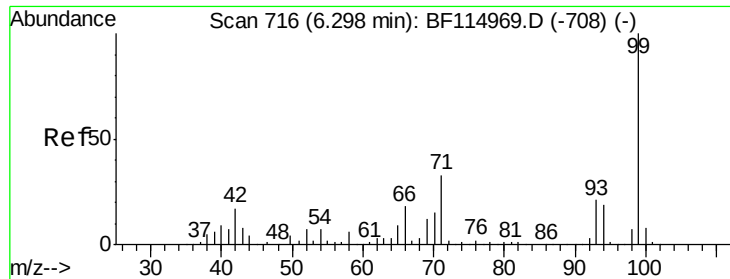
2-Fluorophenol
Concen: 64.236 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF115054.D
Acq: 14 Jun 2019 21:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	41.6	62.4
63	26.8	20.9	31.3



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





#7

Phenol-d6

Concen: 65.429 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115054.D

Acq: 14 Jun 2019 21:44

Instrument :

BNA_F

ClientSampleId :

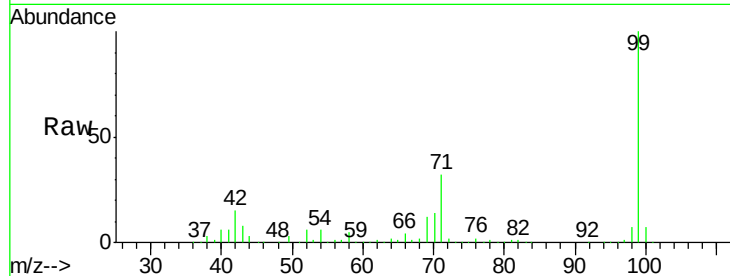
Tot Ion: 99 Resp: 1222153

Ion Ratio Lower Upper

99 100

42 15.4 13.4 20.2

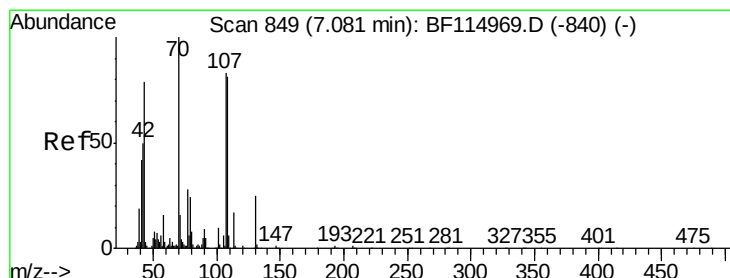
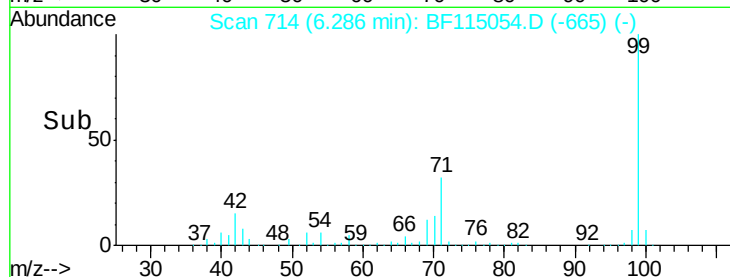
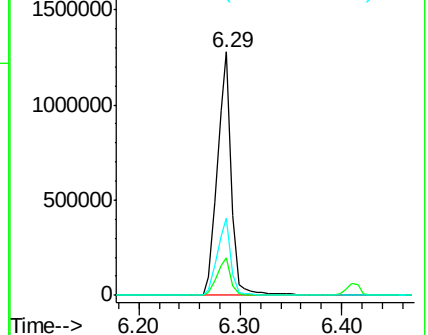
71 31.9 26.4 39.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 8.176 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.12 min

Lab File: BF115054.D

Acq: 14 Jun 2019 21:44

Tgt Ion: 70 Resp: 92793

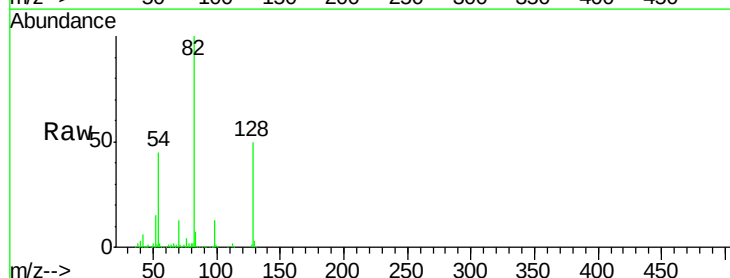
Ion Ratio Lower Upper

70 100

42 43.2 40.3 60.5

101 0.0 8.2 12.4#

130 2.6 20.3 30.5#

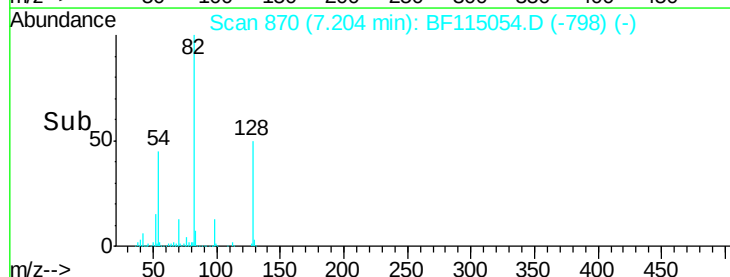
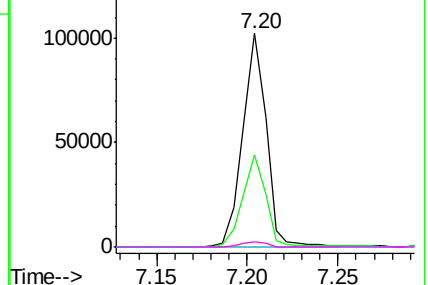


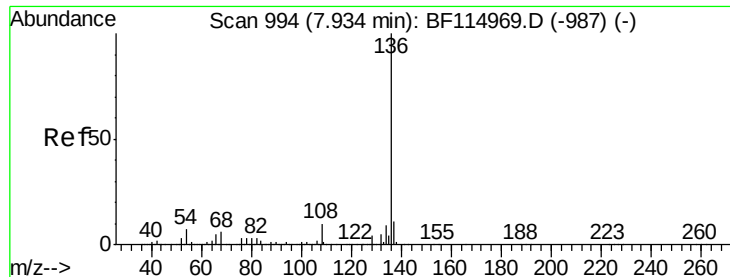
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

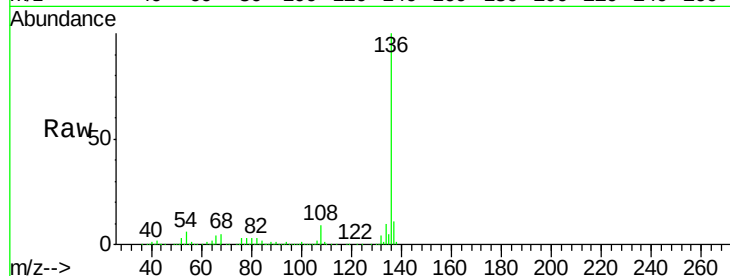




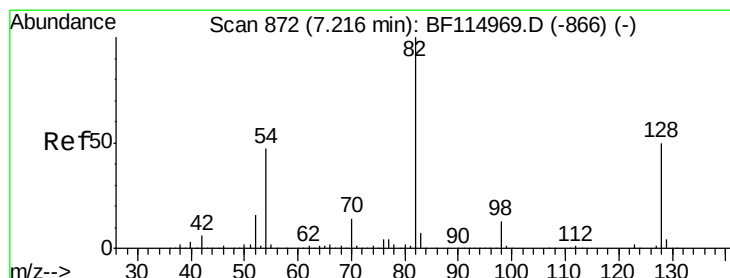
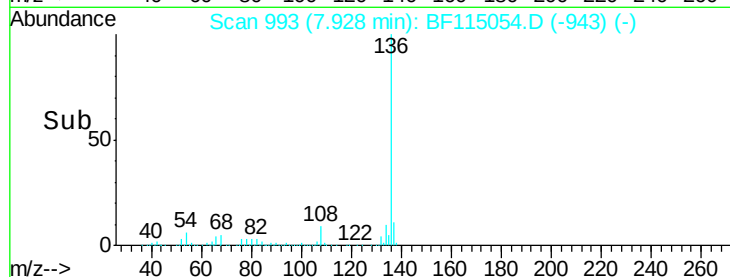
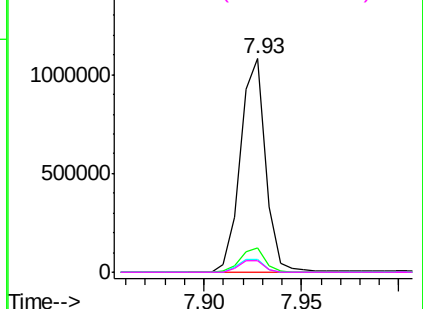
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115054.D
Acq: 14 Jun 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	968598
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.0 13.4
54	6.1	5.4 8.0
68	5.4	4.6 7.0

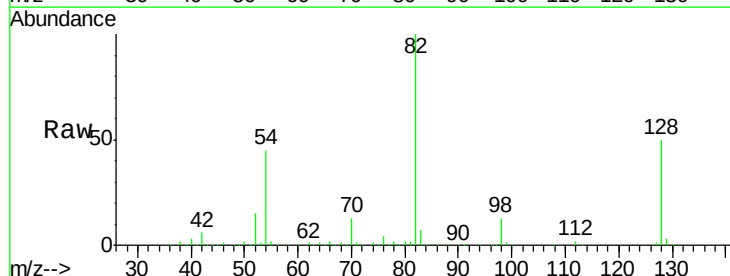


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

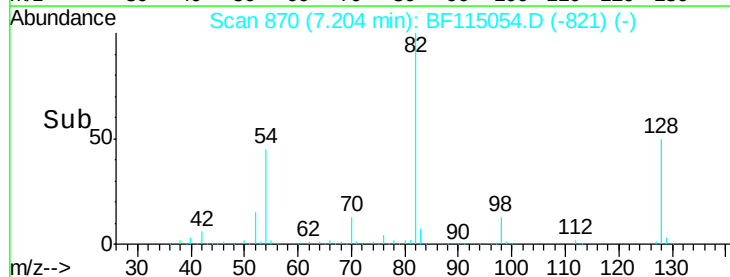
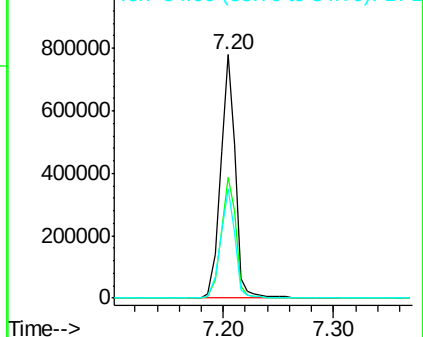


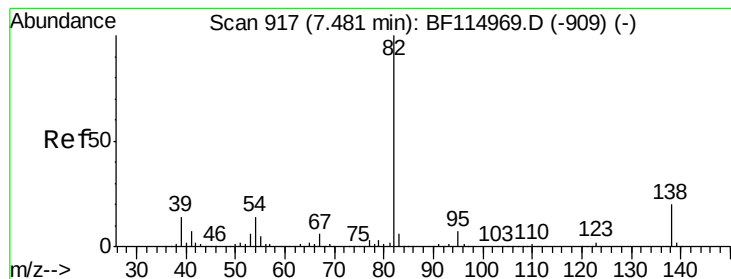
#23
Nitrobenzene-d5
Concen: 44.712 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF115054.D
Acq: 14 Jun 2019 21:44

Tgt Ion: 82	Resp:	719497
Ion	Ratio	Lower Upper
82	100	
128	49.6	39.9 59.9
54	44.9	37.3 55.9



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





#25

Isophorone

Concen: 23.320 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.28 min

Lab File: BF115054.D

Acq: 14 Jun 2019 21:44

Instrument :

BNA_F

ClientSampleId :

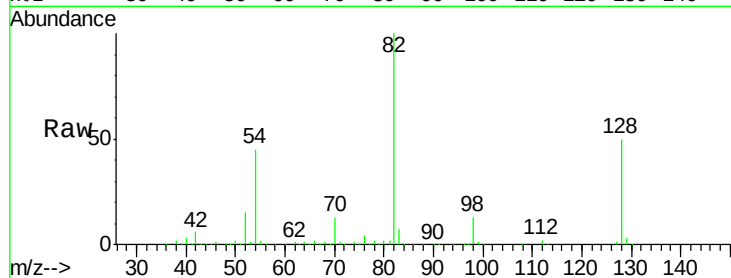
Tot Ion: 82 Resp: 702825

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

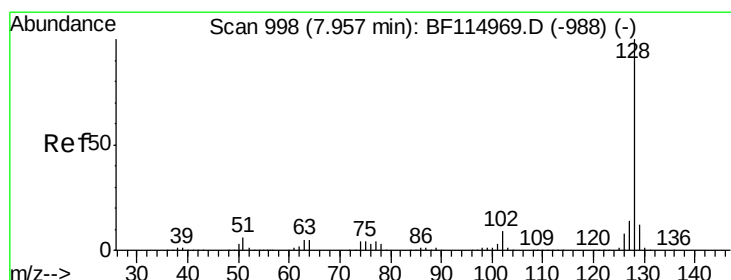
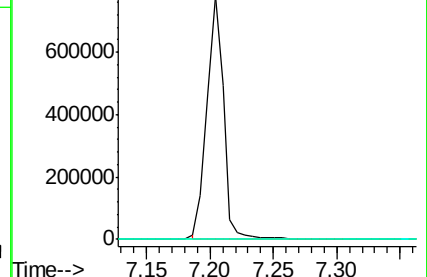
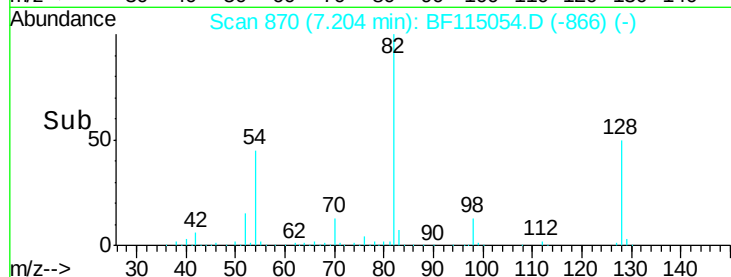
138 0.0 16.1 24.1#



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



#31

Naphthalene

Concen: 3.186 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF115054.D

Acq: 14 Jun 2019 21:44

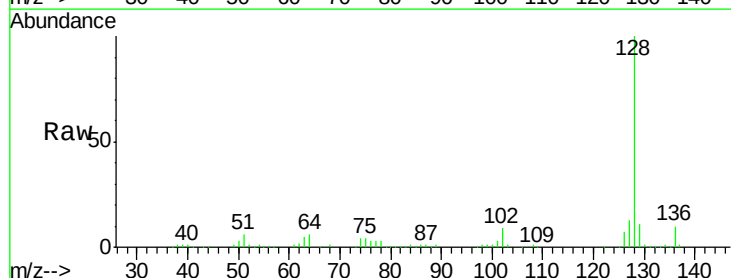
Tgt Ion: 128 Resp: 146024

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

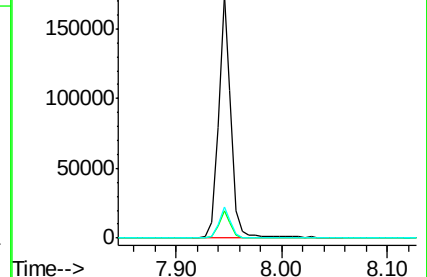
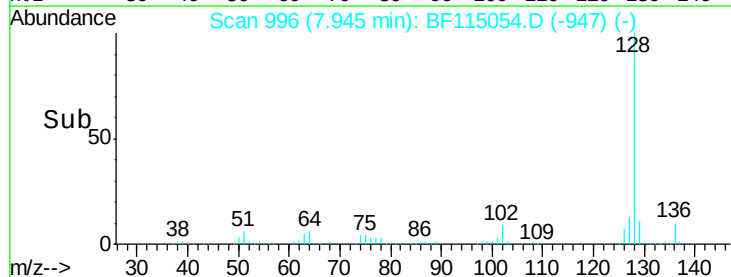
127 12.7 11.5 17.3

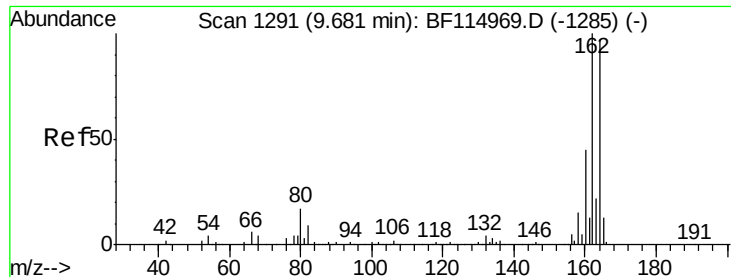


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

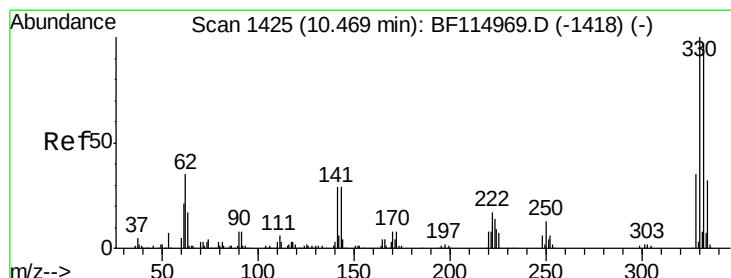
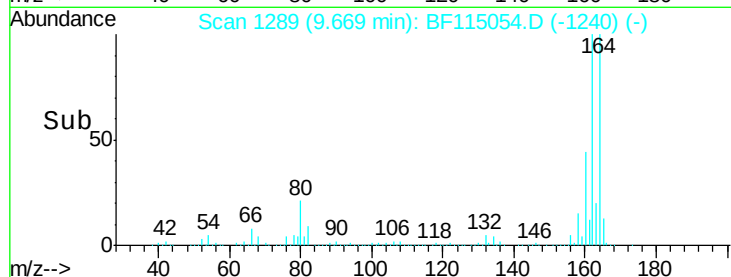
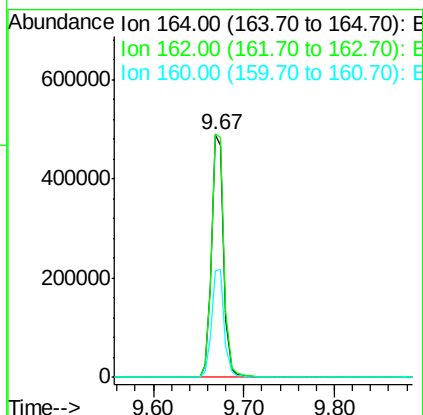
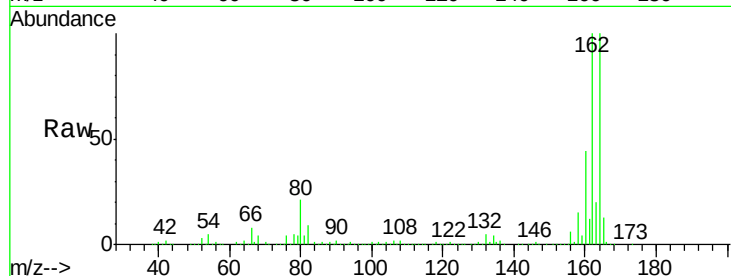




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF115054.D
Acq: 14 Jun 2019 21:44

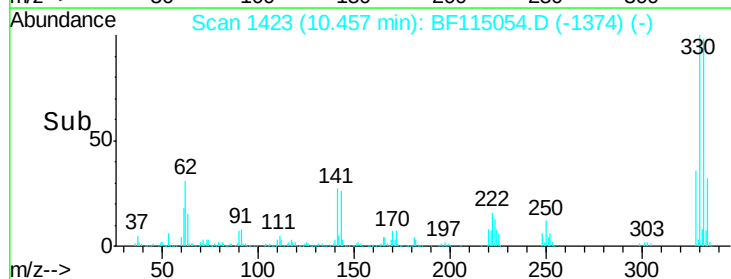
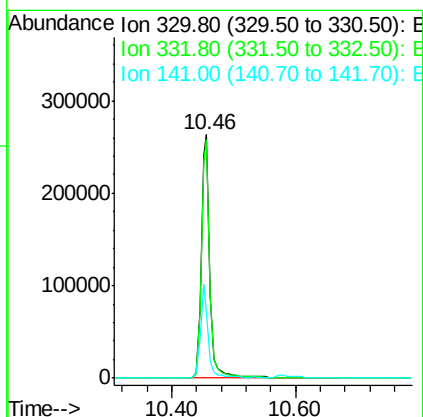
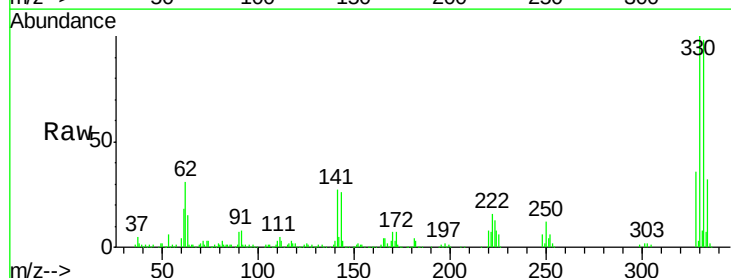
Instrument :
BNA_F
ClientSampleId :

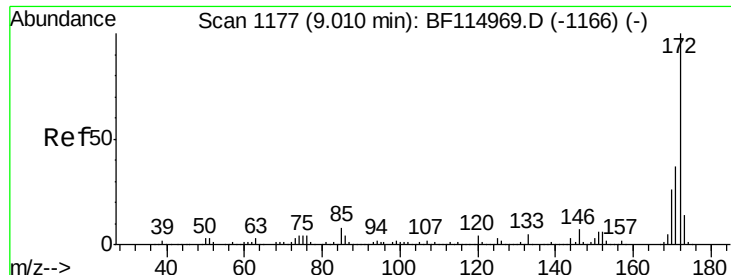
Tot Ion:164 Resp: 465876
Ion Ratio Lower Upper
164 100
162 100.3 82.6 124.0
160 43.9 36.9 55.3



#42
2,4,6-Tribromophenol
Concen: 52.819 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115054.D
Acq: 14 Jun 2019 21:44

Tgt Ion:330 Resp: 263508
Ion Ratio Lower Upper
330 100
332 95.3 77.6 116.4
141 34.5 27.2 40.8

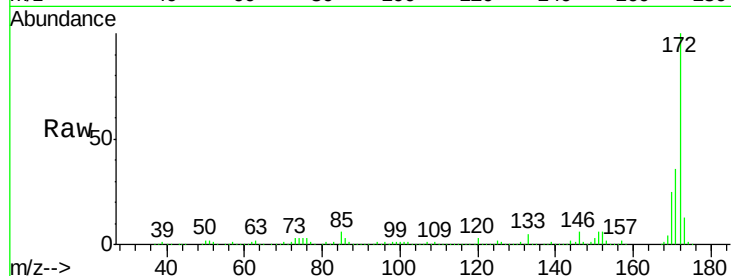




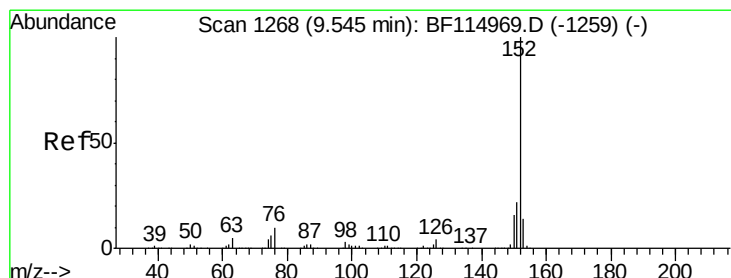
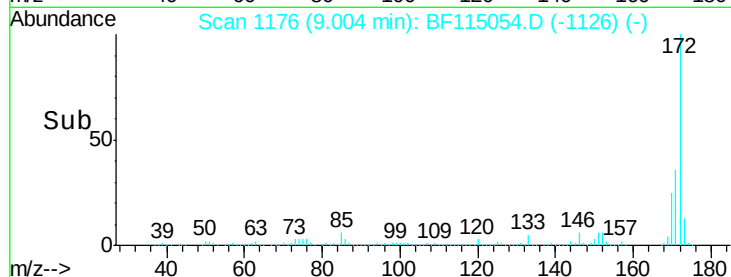
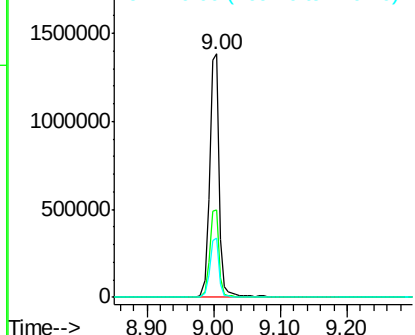
#45
2-Fluorobiphenyl
Concen: 50.630 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115054.D
Acq: 14 Jun 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1391724
Ion Ratio Lower Upper
172 100
171 36.1 29.8 44.6
170 24.5 20.6 31.0

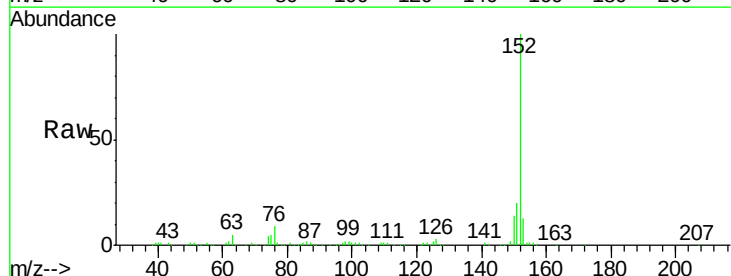


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

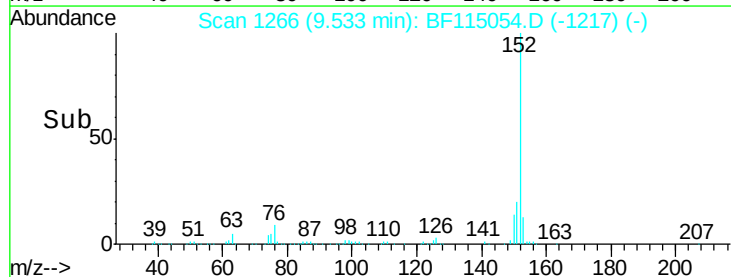
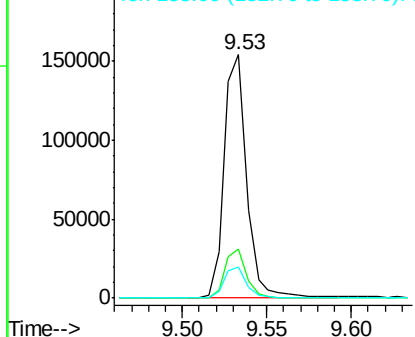


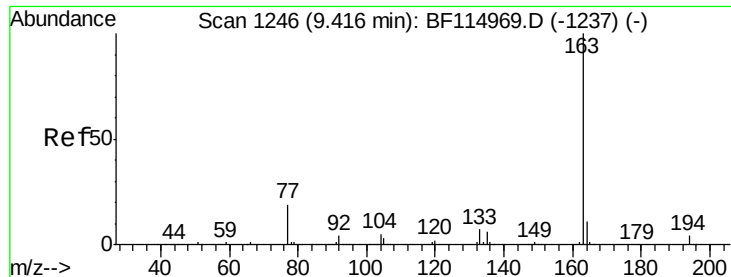
#49
Acenaphthylene
Concen: 3.112 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF115054.D
Acq: 14 Jun 2019 21:44

Tgt Ion:152 Resp: 144448
Ion Ratio Lower Upper
152 100
151 20.2 17.5 26.3
153 12.7 11.2 16.8



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





#50

Dimethylphthalate

Concen: 4.899 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BF115054.D

Acq: 14 Jun 2019 21:44

Instrument :

BNA_F

ClientSampled :

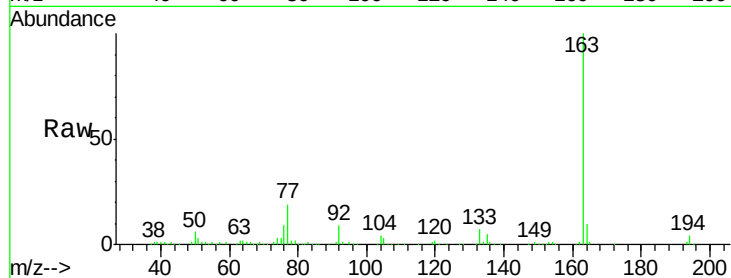
Tot Ion:163 Resp: 171632

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

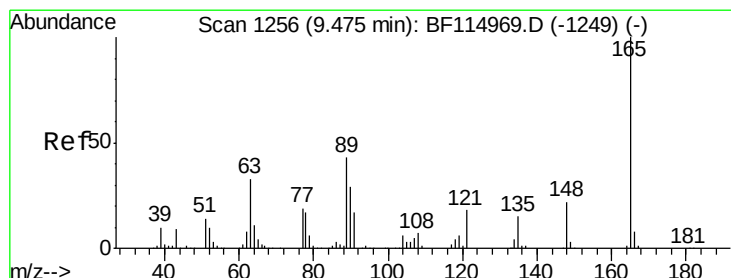
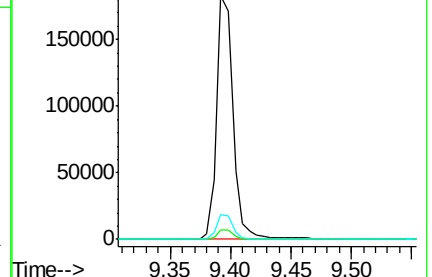
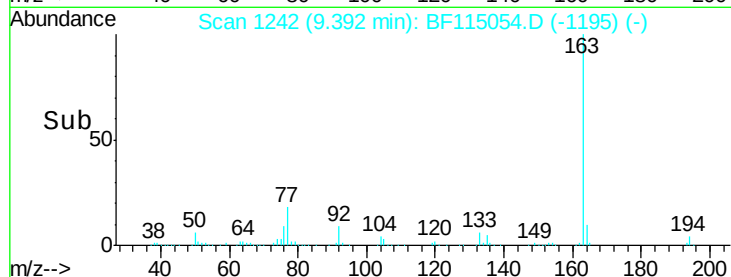
164 10.1 8.6 12.8



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: 7.729 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.19 min

Lab File: BF115054.D

Acq: 14 Jun 2019 21:44

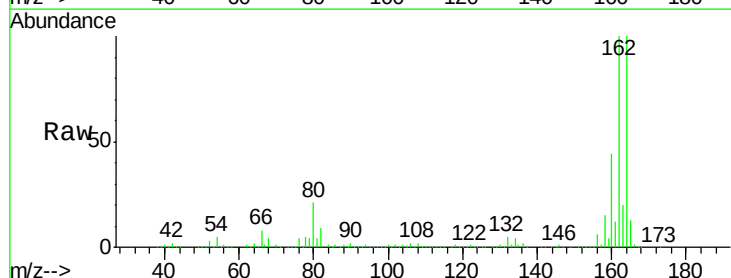
Tgt Ion:165 Resp: 61424

Ion Ratio Lower Upper

165 100

63 1.0 30.6 46.0#

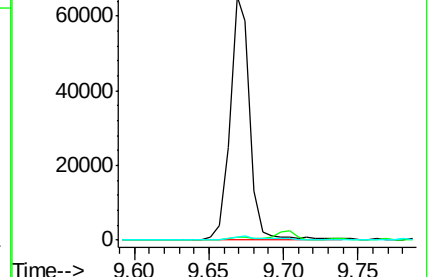
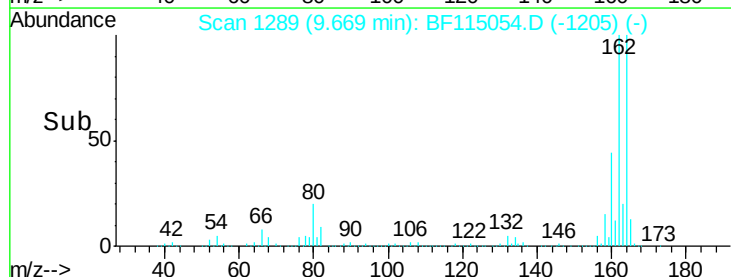
89 1.1 34.4 51.6#

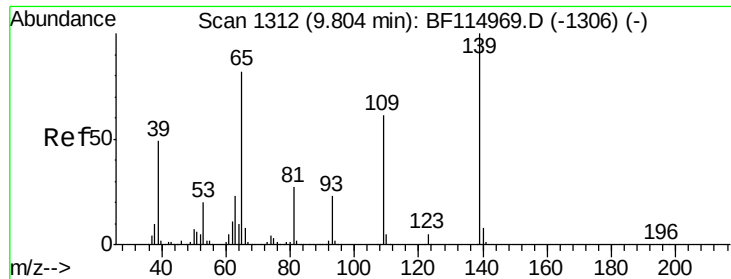


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

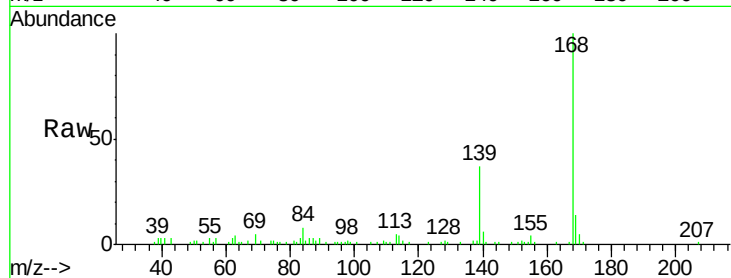




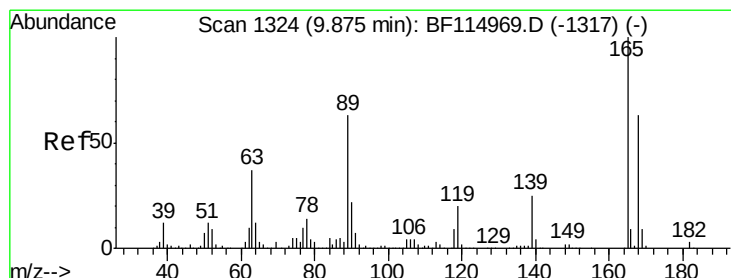
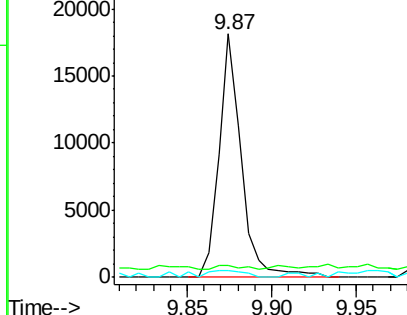
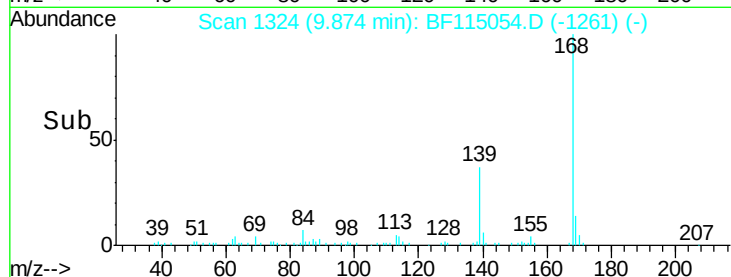
#56
4-Nitrophenol
Concen: 2.501 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.07 min
Lab File: BF115054.D
Acq: 14 Jun 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	4.9	41.4	81.4#
65	3.1	62.7	102.7#

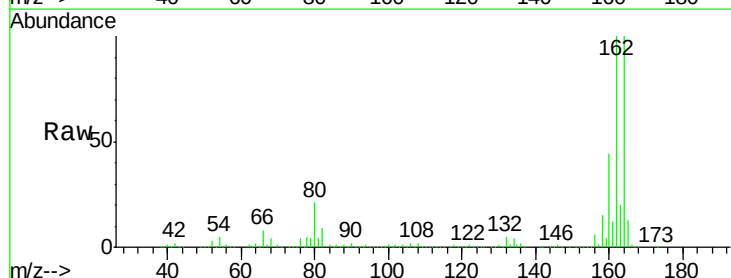


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

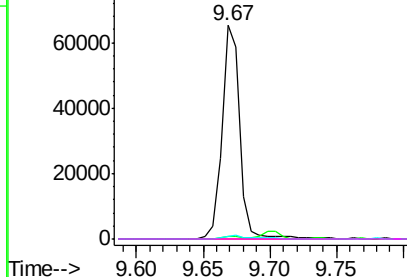
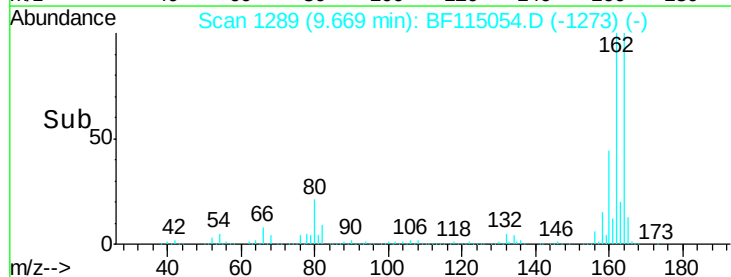


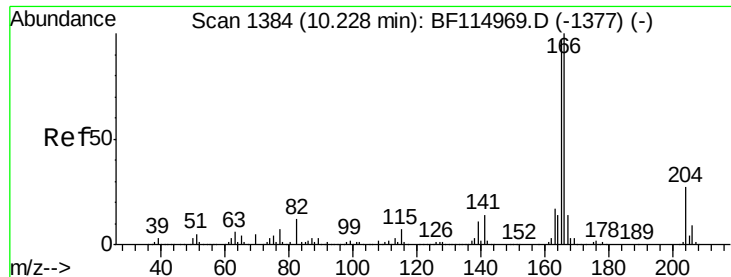
#57
2,4-Dinitrotoluene
Concen: 6.086 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.21 min
Lab File: BF115054.D
Acq: 14 Jun 2019 21:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.4	44.2#
89	1.1	50.6	75.8#
182	0.0	2.2	3.2#



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: Below Cal

RT: 10.22 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF115054.D

Acq: 14 Jun 2019 21:44

Instrument :

BNA_F

ClientSampleId :

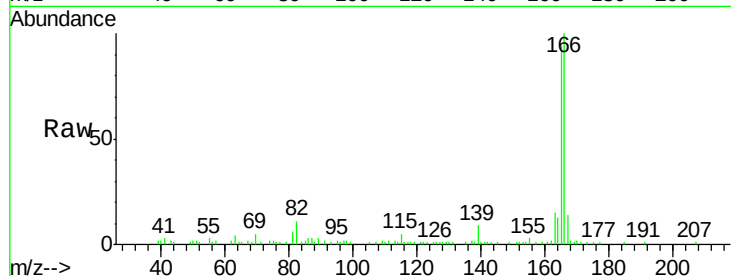
Tot Ion:166 Resp: 55919

Ion Ratio Lower Upper

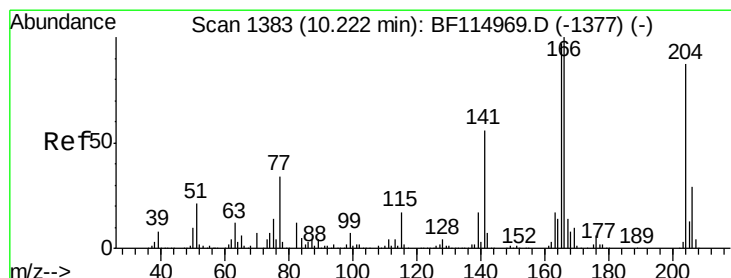
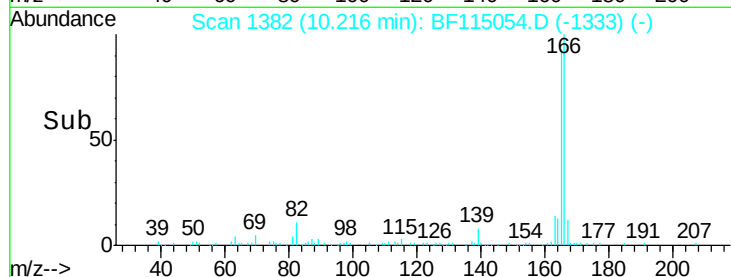
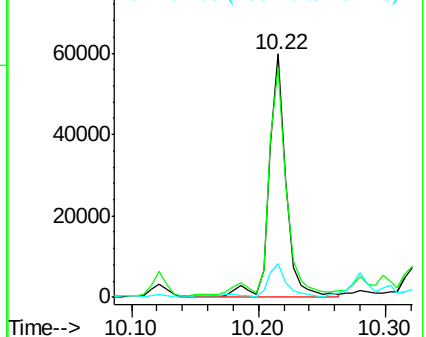
166 100

165 94.2 77.6 116.4

167 14.0 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



#61

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.21 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BF115054.D

Acq: 14 Jun 2019 21:44

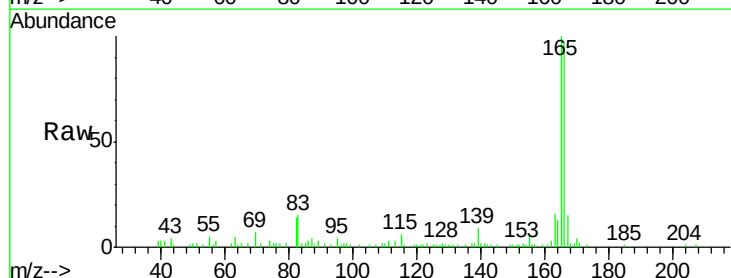
Tgt Ion:204 Resp: 123

Ion Ratio Lower Upper

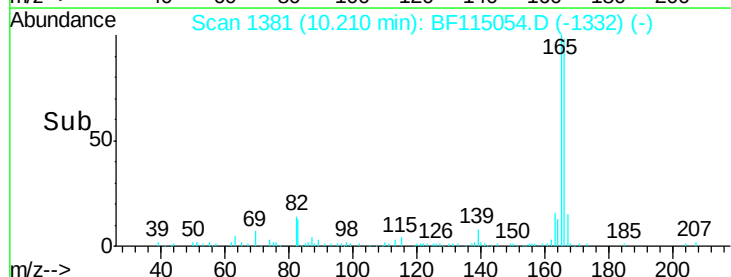
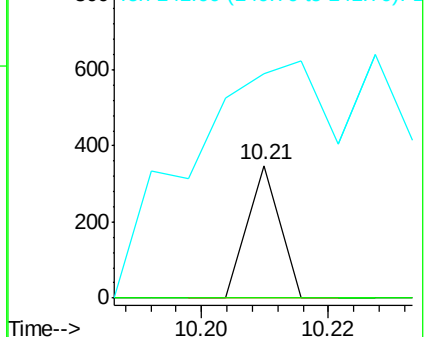
204 100

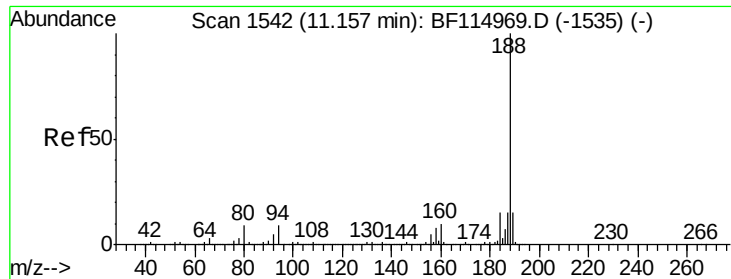
206 0.0 26.5 39.7#

141 168.8 51.8 77.8#



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.14 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF115054.D

Acq: 14 Jun 2019 21:44

Instrument :

BNA_F

ClientSampleId :

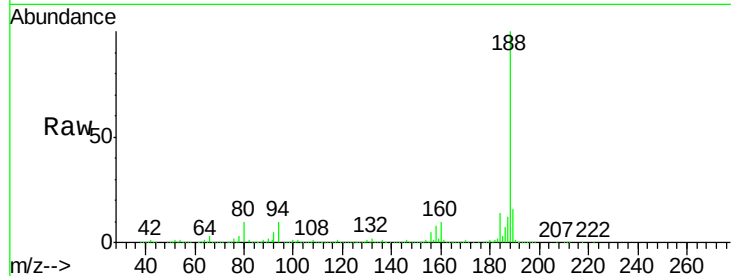
Tot Ion:188 Resp: 781146

Ion Ratio Lower Upper

188 100

94 9.8 7.2 10.8

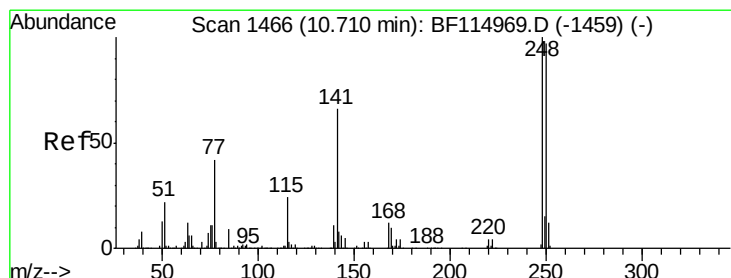
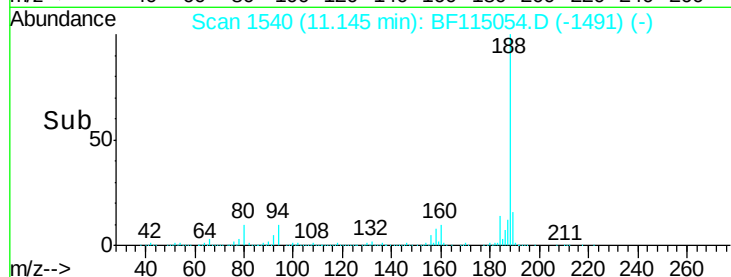
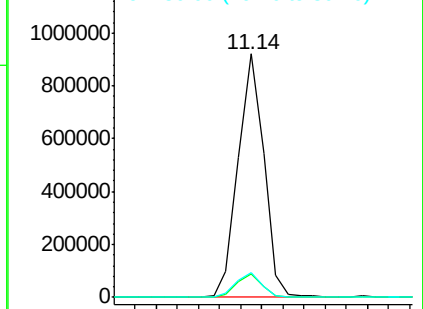
80 10.3 7.4 11.2



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



#67

4-Bromophenyl-phenylether

Concen: 2.016 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.26 min

Lab File: BF115054.D

Acq: 14 Jun 2019 21:44

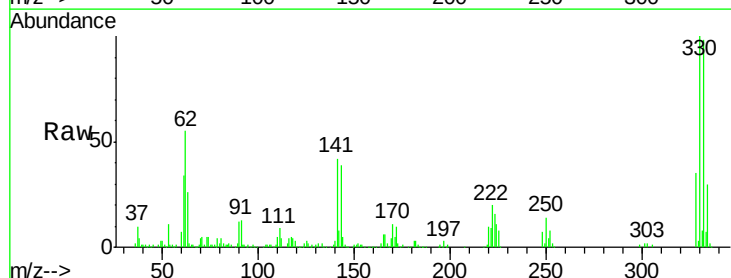
Tgt Ion:248 Resp: 16909

Ion Ratio Lower Upper

248 100

250 197.0 77.8 116.8#

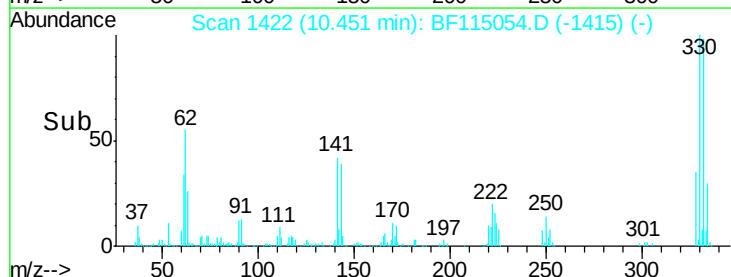
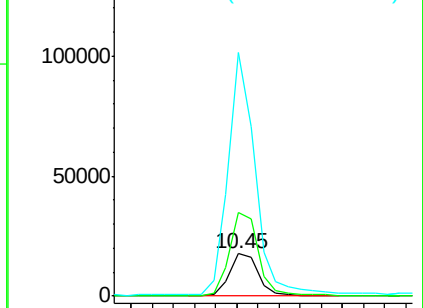
141 576.7 53.1 79.7#

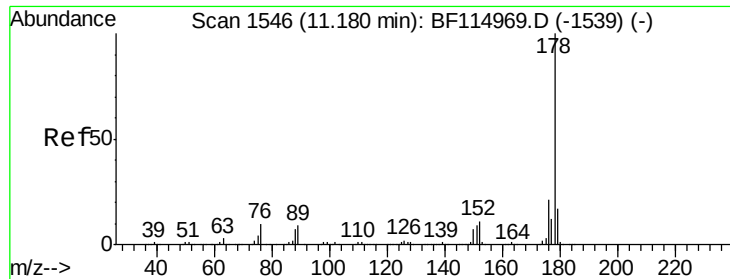


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

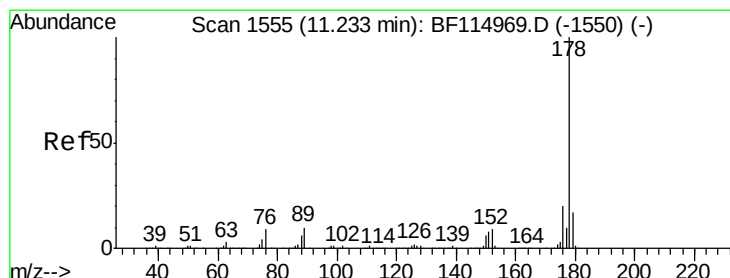
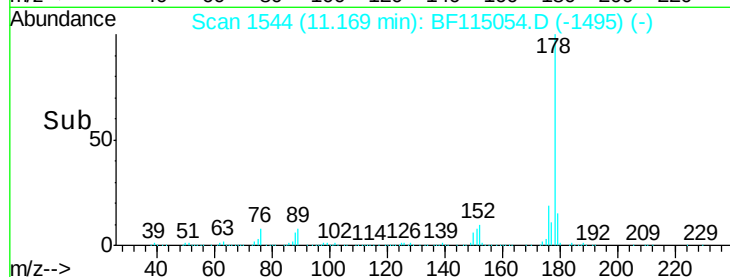
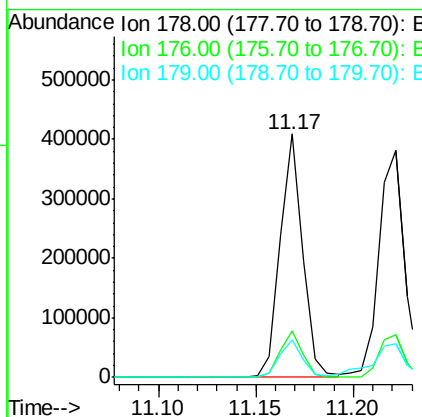
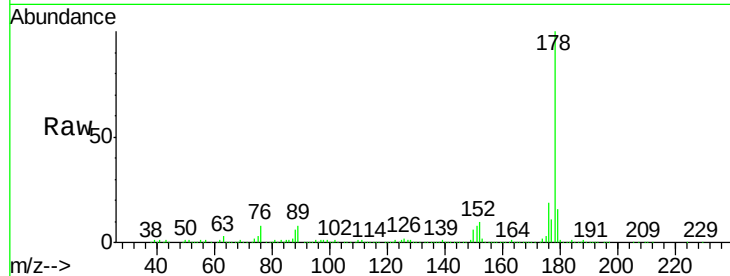




#71
Phenanthrene
Concen: 8.060 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF115054.D
Acq: 14 Jun 2019 21:44

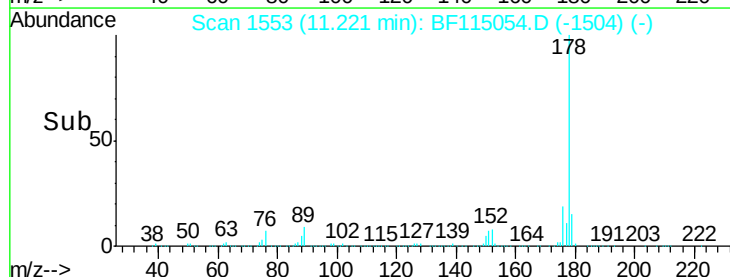
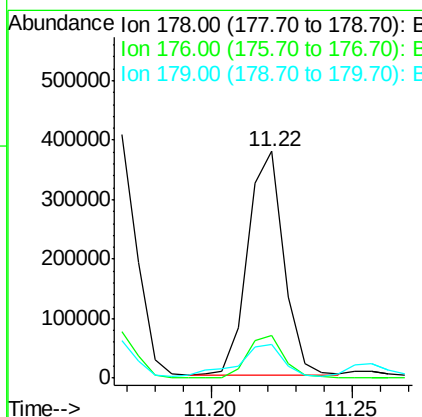
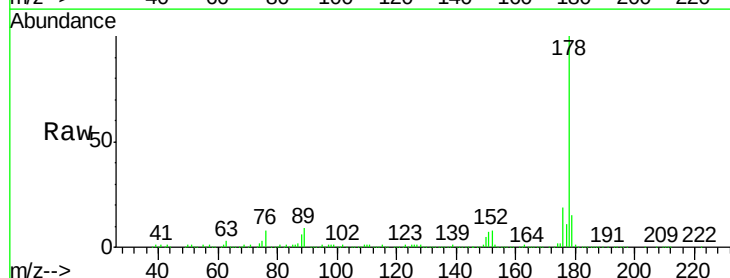
Instrument :
BNA_F
ClientSampled :

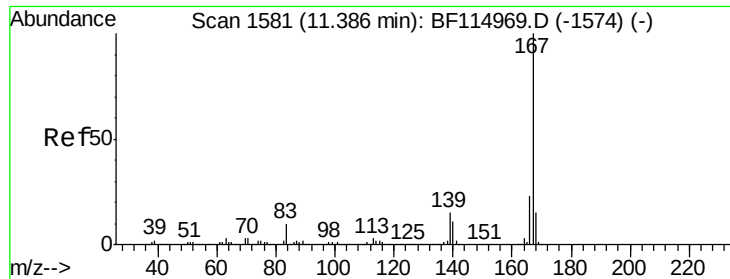
Tot Ion:178 Resp: 325086
Ion Ratio Lower Upper
178 100
176 18.8 16.9 25.3
179 15.5 13.4 20.0



#72
Anthracene
Concen: 8.268 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF115054.D
Acq: 14 Jun 2019 21:44

Tgt Ion:178 Resp: 336399
Ion Ratio Lower Upper
178 100
176 18.6 16.2 24.4
179 15.1 13.2 19.8

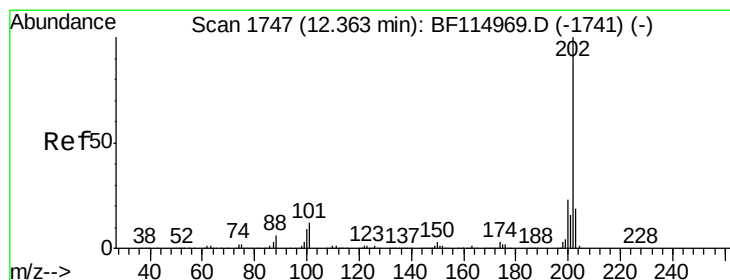
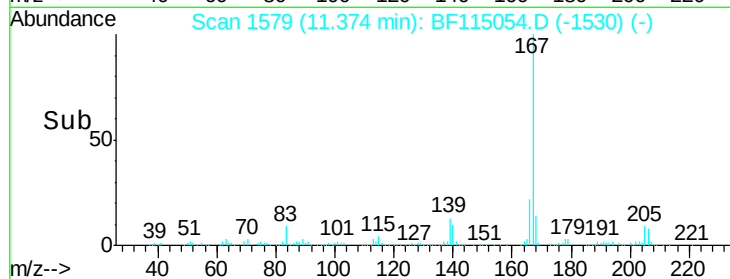
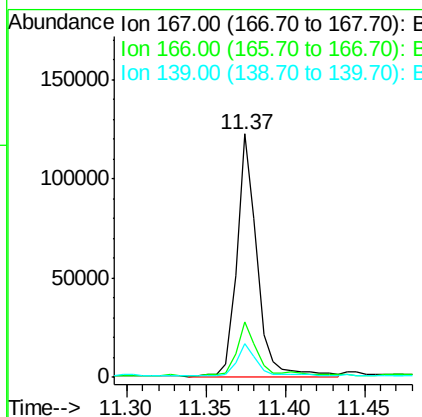
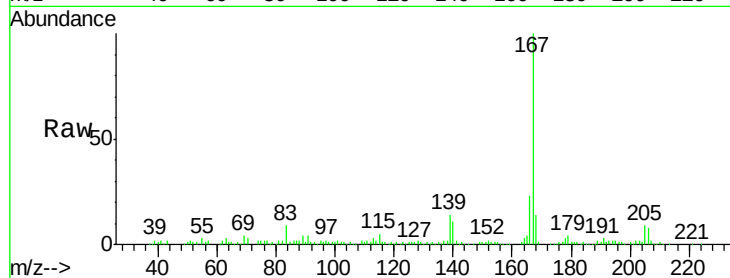




#73
 Carbazole
 Concen: 3.016 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF115054.D
 Acq: 14 Jun 2019 21:44

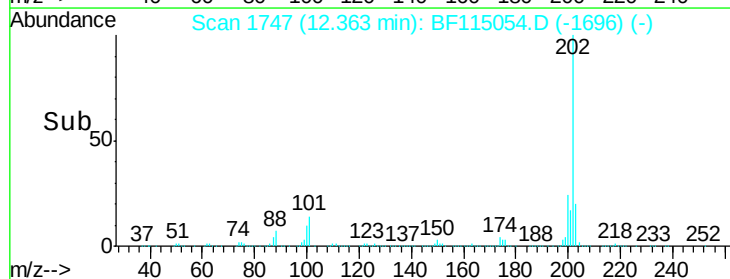
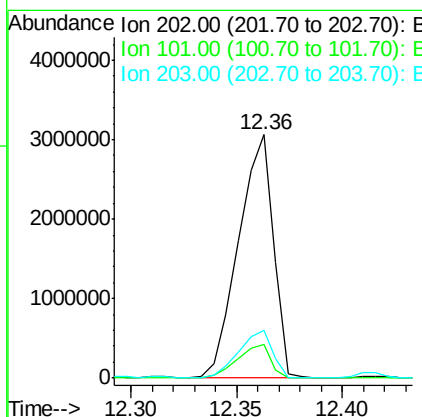
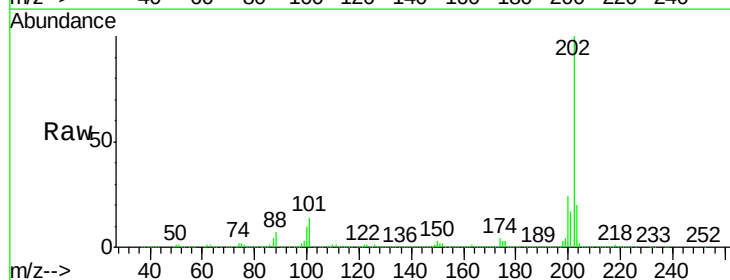
Instrument :
 BNA_F
 ClientSampleId :

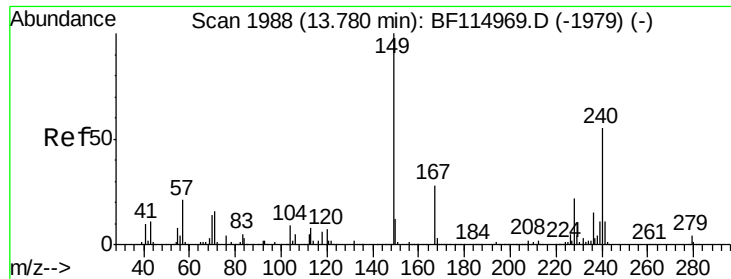
Tot Ion:167 Resp: 107112
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.5 27.7
 139 13.7 12.0 18.0



#75
 Fluoranthene
 Concen: 84.820 ng
 RT: 12.36 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BF115054.D
 Acq: 14 Jun 2019 21:44

Tgt Ion:202 Resp: 3498063
 Ion Ratio Lower Upper
 202 100
 101 13.6 0.0 32.4
 203 19.6 0.0 38.6

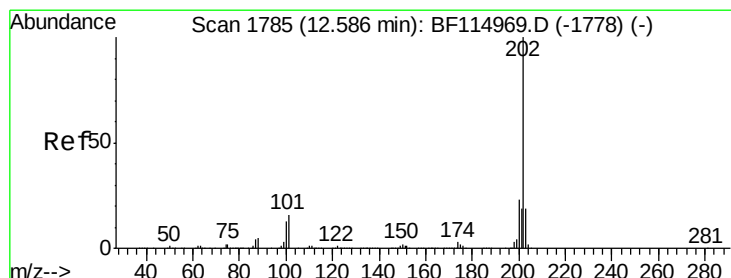
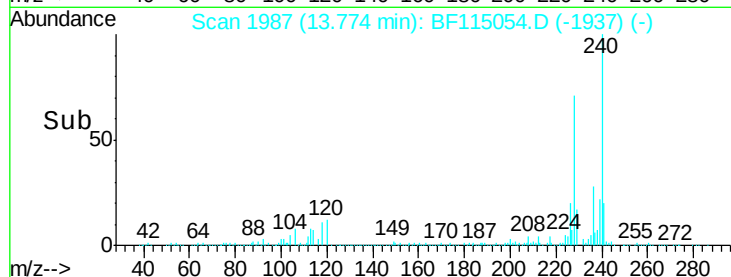
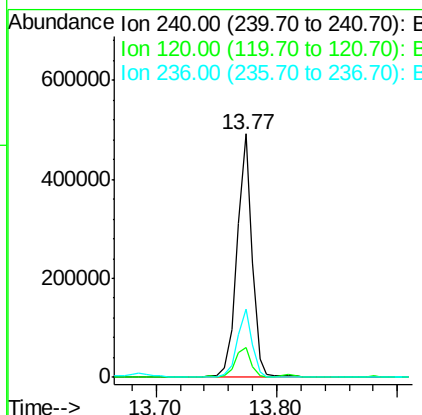
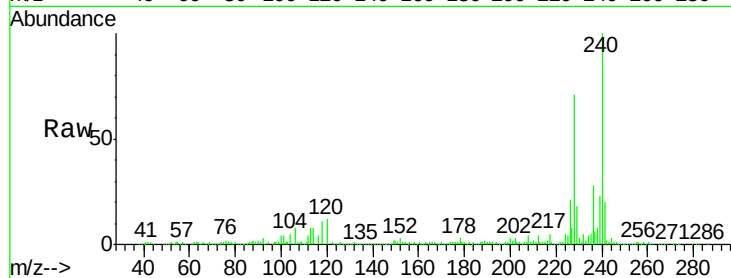




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF115054.D
Acq: 14 Jun 2019 21:44

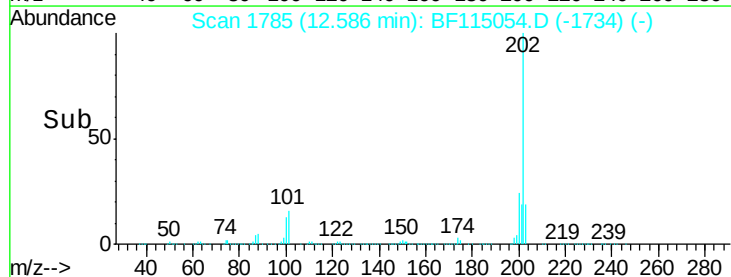
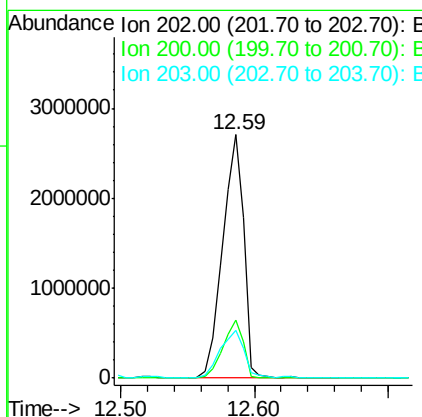
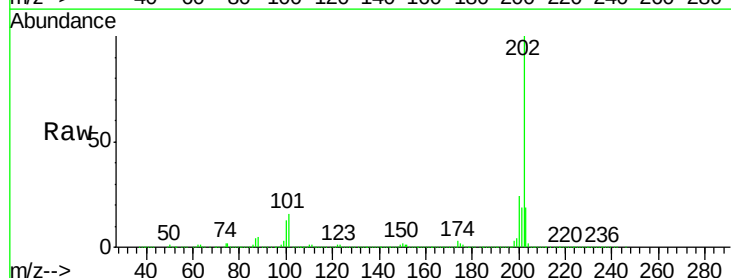
Instrument :
BNA_F
ClientSampleId :

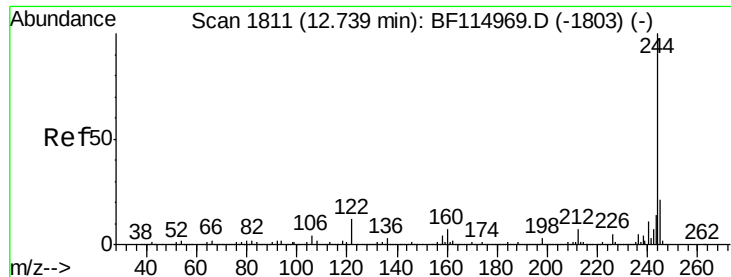
Tot Ion:240 Resp: 426563
Ion Ratio Lower Upper
240 100
120 12.4 10.0 15.0
236 27.8 21.6 32.4



#78
Pyrene
Concen: 77.802 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF115054.D
Acq: 14 Jun 2019 21:44

Tgt Ion:202 Resp: 3023310
Ion Ratio Lower Upper
202 100
200 23.7 18.4 27.6
203 19.5 14.9 22.3





#79

Terphenyl-d14

Concen: 47.130 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115054.D

Acq: 14 Jun 2019 21:44

Instrument :

BNA_F

ClientSampleId :

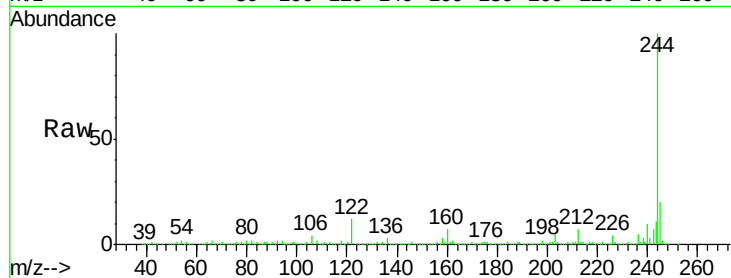
Tot Ion:244 Resp: 1068853

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

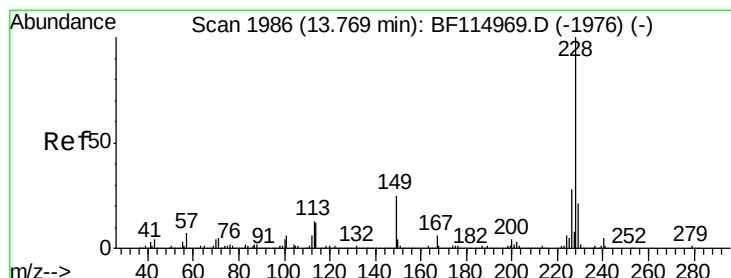
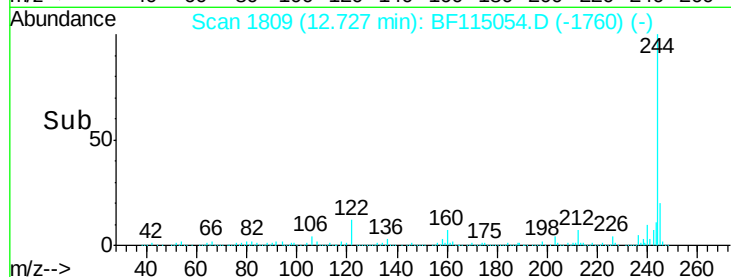
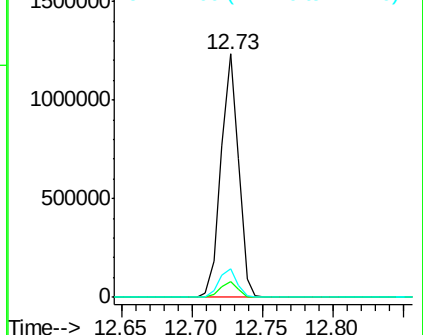
122 11.8 9.4 14.0



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



#81

Benzo(a)anthracene

Concen: 41.908 ng

RT: 13.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BF115054.D

Acq: 14 Jun 2019 21:44

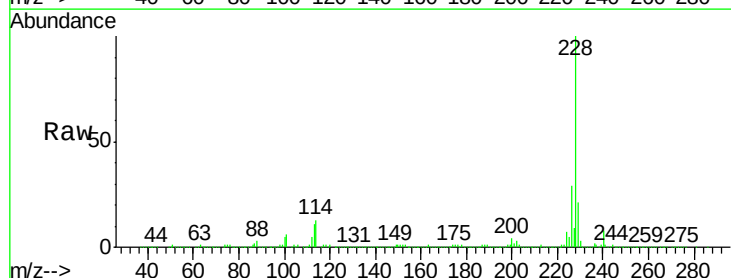
Tgt Ion:228 Resp: 1337750

Ion Ratio Lower Upper

228 100

226 29.0 22.0 33.0

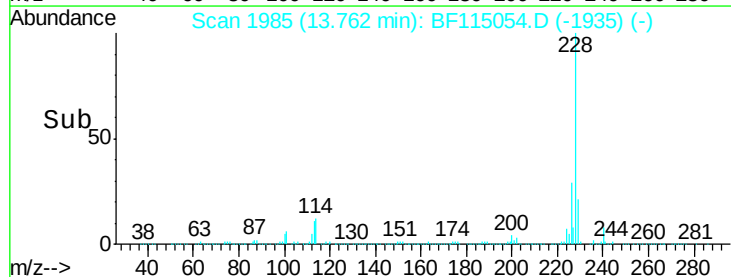
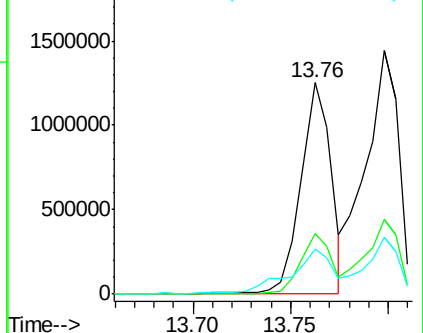
229 21.2 16.6 25.0

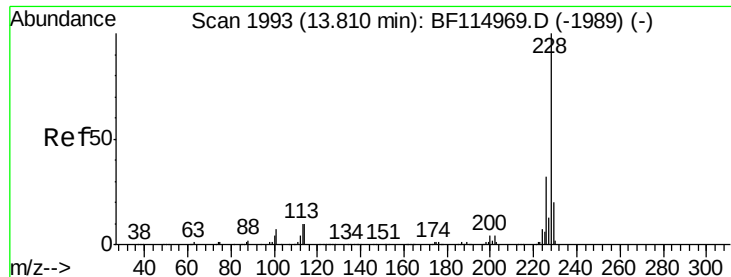


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

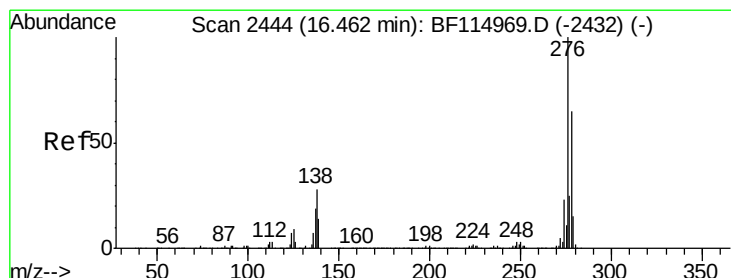
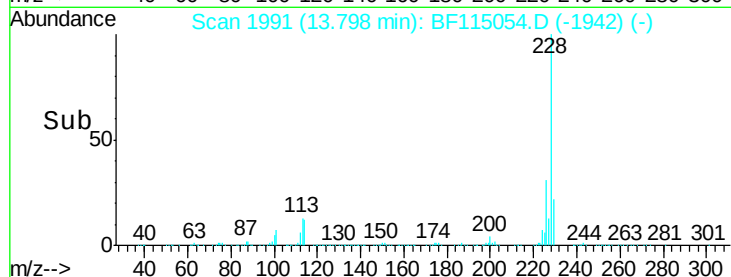
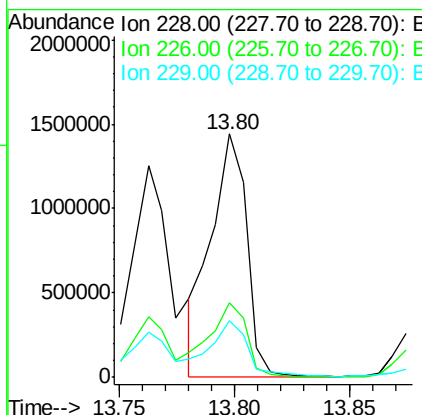
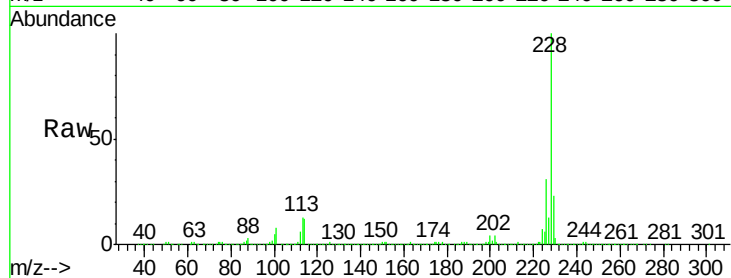




#83
Chrysene
Concen: 48.732 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF115054.D
Acq: 14 Jun 2019 21:44

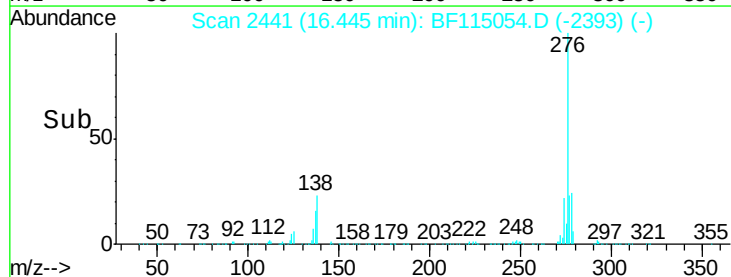
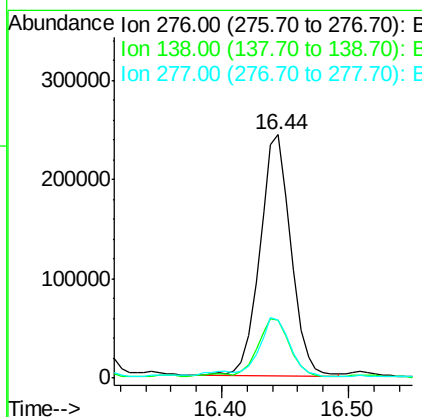
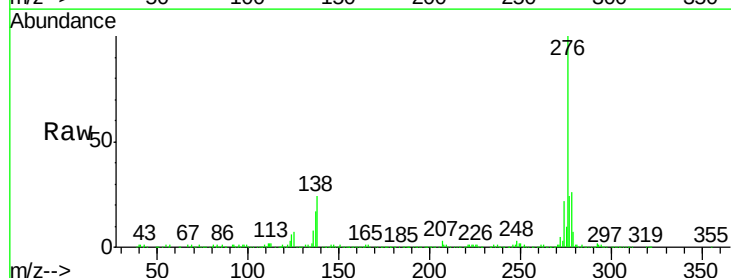
Instrument :
BNA_F
ClientSampleId :

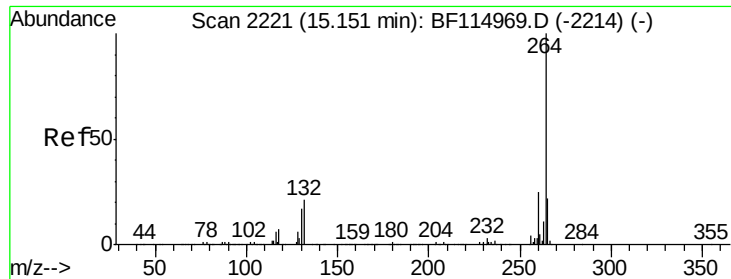
Tot Ion:228 Resp: 1546862
Ion Ratio Lower Upper
228 100
226 30.9 25.4 38.0
229 23.3 16.4 24.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 14.795 ng
RT: 16.44 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BF115054.D
Acq: 14 Jun 2019 21:44

Tgt Ion:276 Resp: 412538
Ion Ratio Lower Upper
276 100
138 25.1 23.0 34.4
277 24.8 20.6 30.8



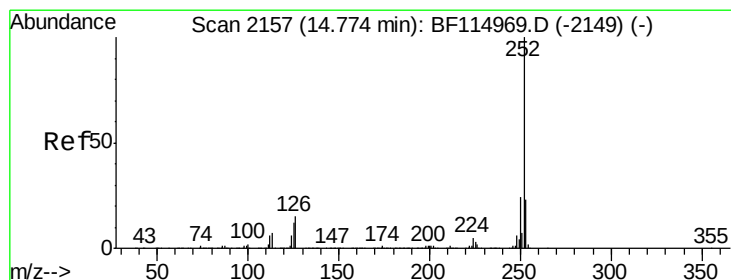
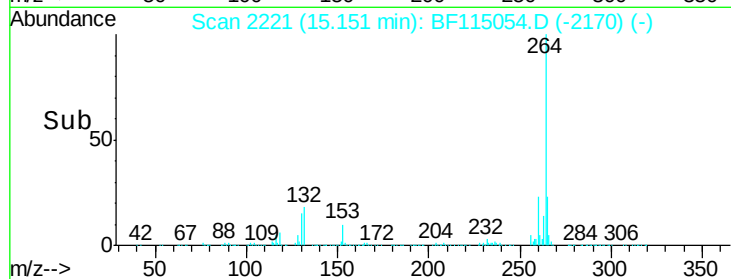
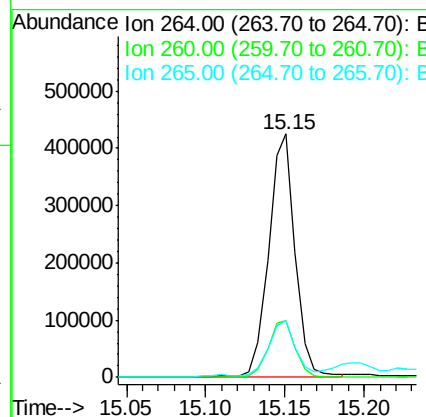
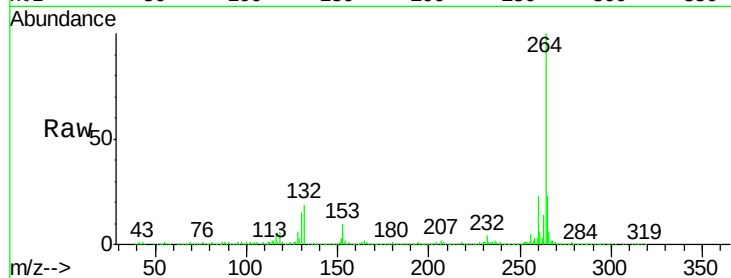


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF115054.D
Acq: 14 Jun 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 492715

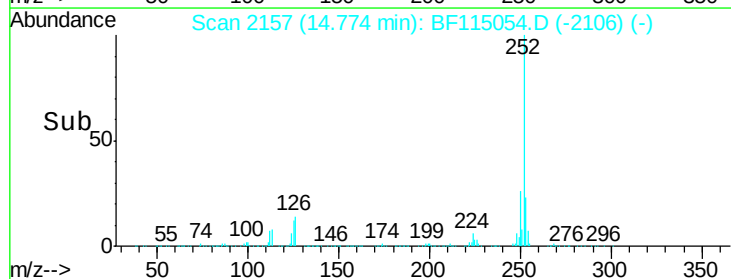
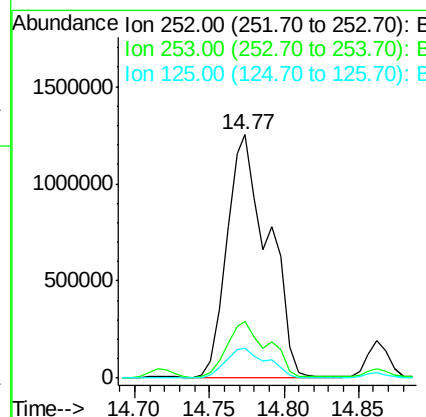
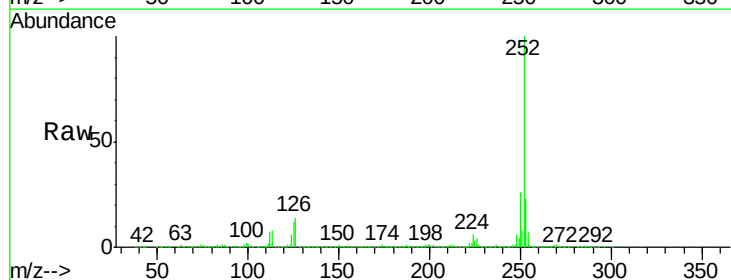
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.9	29.9
265	23.1	17.6	26.4

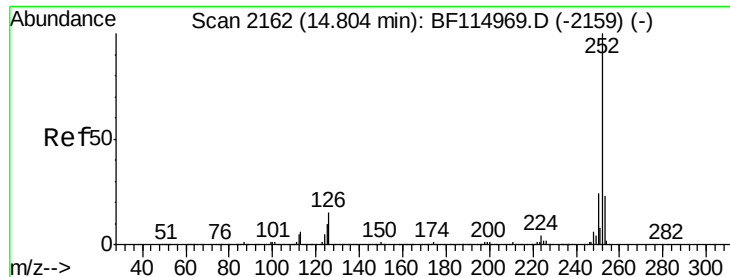


#88
Benzo(b)fluoranthene
Concen: 73.451 ng
RT: 14.77 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BF115054.D
Acq: 14 Jun 2019 21:44

Tgt Ion:252 Resp: 2405814

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	12.5	9.4	14.0





#89

Benzo(k)fluoranthene

Concen: 83.682 ng

RT: 14.77 min Scan# 2157

Delta R.T. -0.03 min

Lab File: BF115054.D

Acq: 14 Jun 2019 21:44

Instrument :

BNA_F

ClientSampleId :

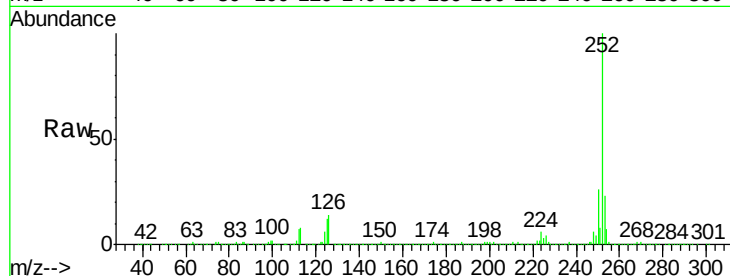
Tot Ion:252 Resp: 2405814

Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

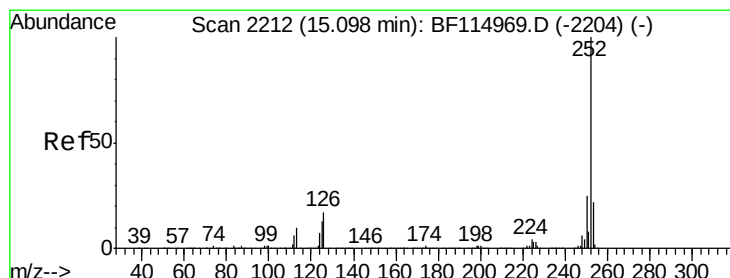
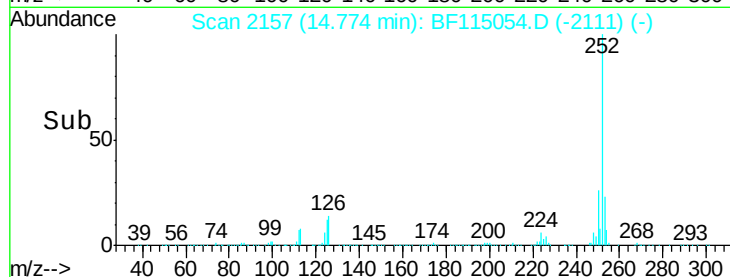
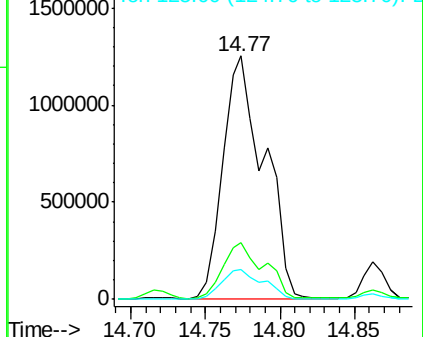
125 12.5 8.2 12.4#



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: 30.119 ng

RT: 15.09 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BF115054.D

Acq: 14 Jun 2019 21:44

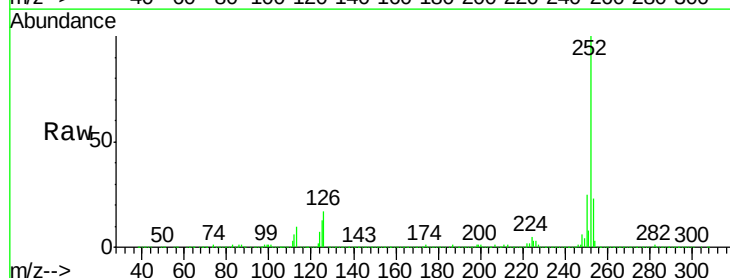
Tgt Ion:252 Resp: 851247

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

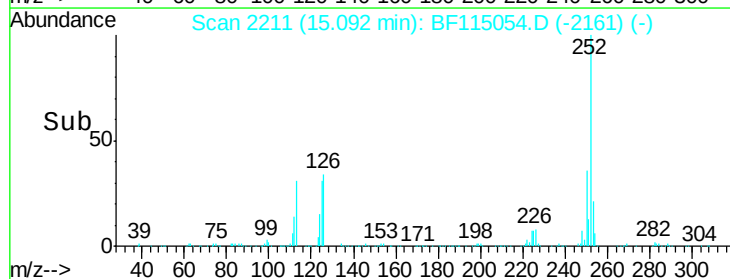
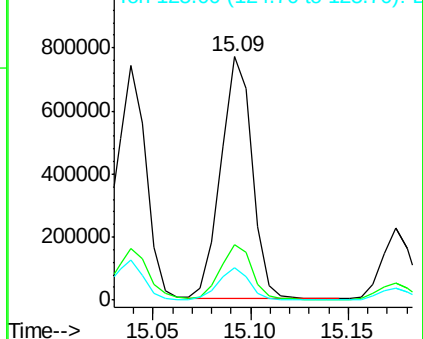
125 13.2 10.7 16.1

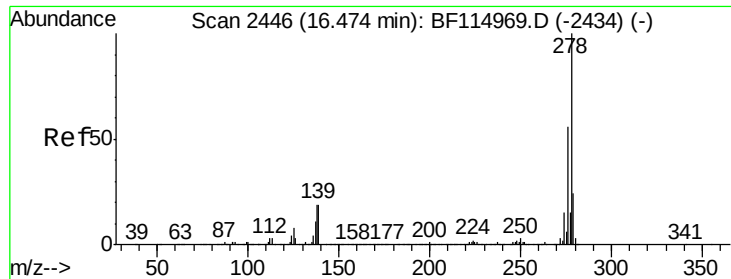


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

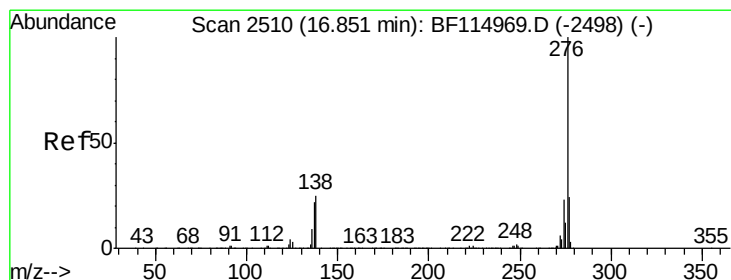
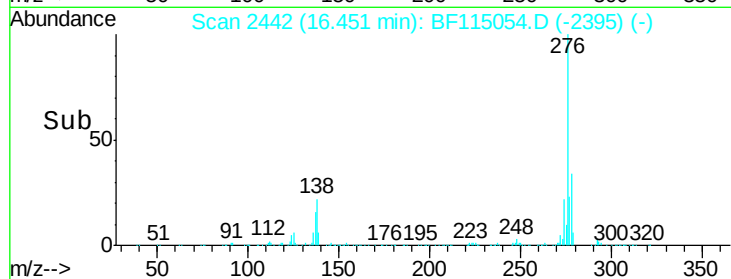
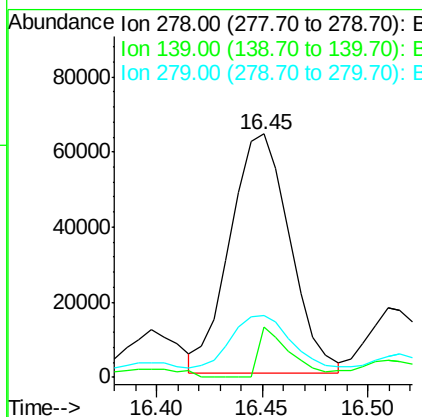
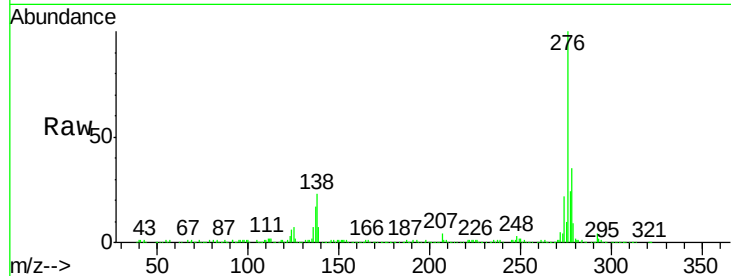




#91
Dibenzo(a,h)anthracene
Concen: 5.165 ng
RT: 16.45 min Scan# 2442
Delta R.T. -0.02 min
Lab File: BF115054.D
Acq: 14 Jun 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.4	15.3	22.9
279	25.4	19.2	28.8



#92
Benzo(g,h,i)perylene
Concen: 13.767 ng
RT: 16.83 min Scan# 2507
Delta R.T. -0.02 min
Lab File: BF115054.D
Acq: 14 Jun 2019 21:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.8	28.2
138	24.8	20.2	30.4

