

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
 Data File : BF112208.D
 Acq On : 24 Jan 2019 14:56
 Operator : JU/SJ
 Sample : K1003-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 24 15:28:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	215749	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	835177	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	412461	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	805123	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	549537	20.00	ng	-0.01
87) Perylene-d12	15.49	264	572446	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	1078133	90.70	ng	0.00
7) Phenol-d6	6.50	99	1359119	91.39	ng	0.00
23) Nitrobenzene-d5	7.41	82	853278	70.59	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	435993	97.99	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	1698224	60.36	ng	0.00
79) Terphenyl-d14	12.96	244	1634819	63.29	ng	-0.01

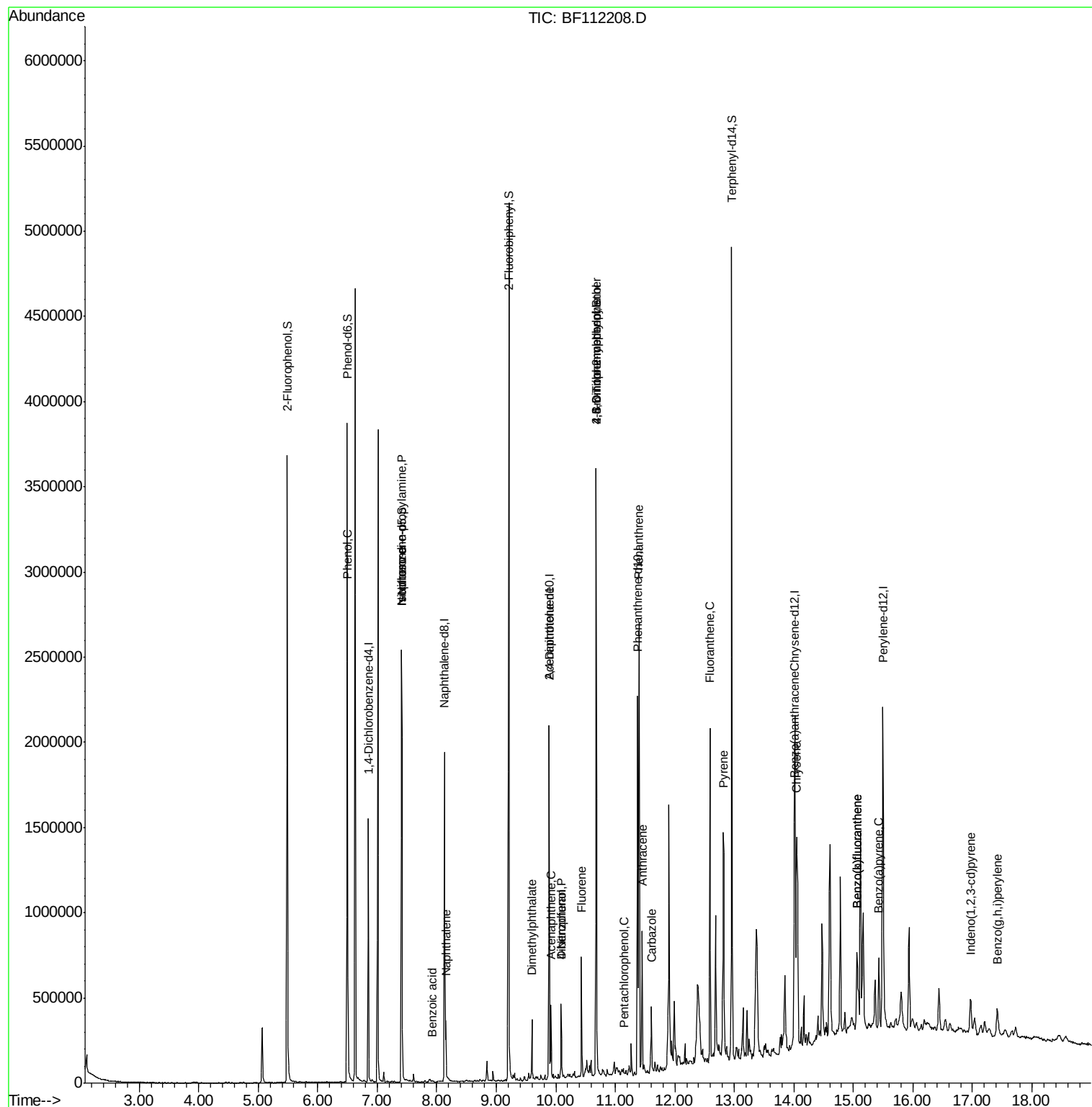
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	2957	Below Cal		# 1
10) Phenol	6.51	94	70552	4.341	ng	79
19) n-Nitroso-di-n-propylamine	7.41	70	115758	12.777	ng	# 76
25) Isophorone	7.41	82	848496	36.339	ng	# 64
31) Naphthalene	8.15	128	143778	3.785	ng	97
32) Benzoic acid	7.93	122	722	7.328	ng	# 1
50) Dimethylphthalate	9.60	163	130704	4.345	ng	100
52) Acenaphthene	9.92	154	89513	3.714	ng	96
55) Dibenzofuran	10.09	168	145143	3.982	ng	98
56) 4-Nitrophenol	10.09	139	54458	16.196	ng	# 14
57) 2,4-Dinitrotoluene	9.89	165	56082	11.160	ng	# 32
58) Fluorene	10.43	166	189073	6.942	ng	97
65) 4,6-Dinitro-2-methylphenol	10.68	198	1146	10.339	ng	# 1
67) 4-Bromophenyl-phenylether	10.68	248	25470	2.724	ng	# 1
70) Pentachlorophenol	11.16	266	115	6.127	ng	# 18
71) Phenanthrene	11.40	178	990976	24.457	ng	98
72) Anthracene	11.45	178	321811	7.840	ng	98
73) Carbazole	11.60	167	144589	3.517	ng	99
75) Fluoranthene	12.59	202	752096	17.580	ng	98
78) Pyrene	12.82	202	571904	15.774	ng	98
81) Benzo(a)anthracene	14.00	228	245170	7.781	ng	98
83) Chrysene	14.04	228	216819	7.272	ng	96
86) Indeno(1,2,3-cd)pyrene	16.97	276	118642	4.313	ng	95
88) Benzo(b)fluoranthene	15.06	252	356735	10.978	ng	99
89) Benzo(k)fluoranthene	15.06	252	356735	11.343	ng	99
90) Benzo(a)pyrene	15.43	252	197323	6.622	ng	99
92) Benzo(g,h,i)perylene	17.42	276	117936	4.523	ng	97

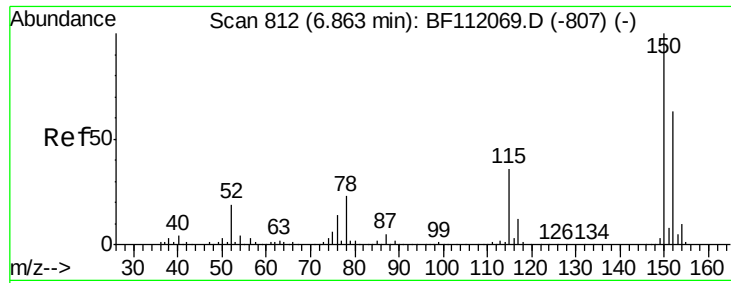
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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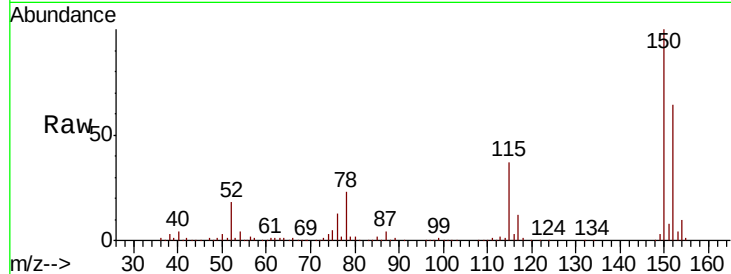


#1

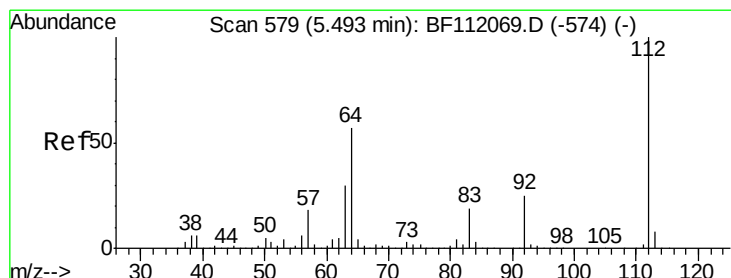
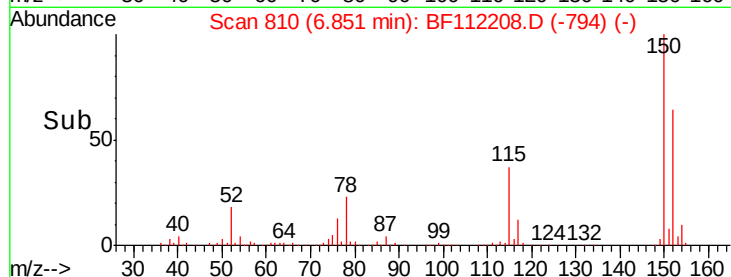
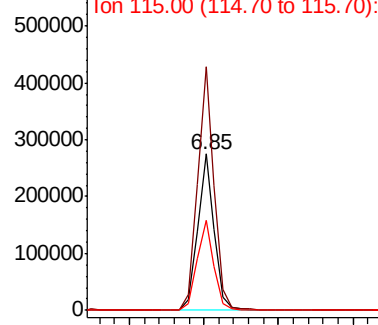
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 215749
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.0
115 57.7 45.5 68.3



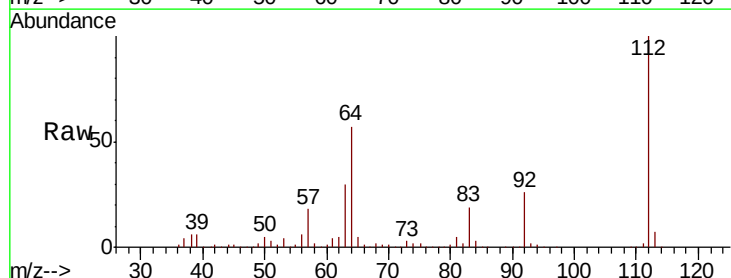
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



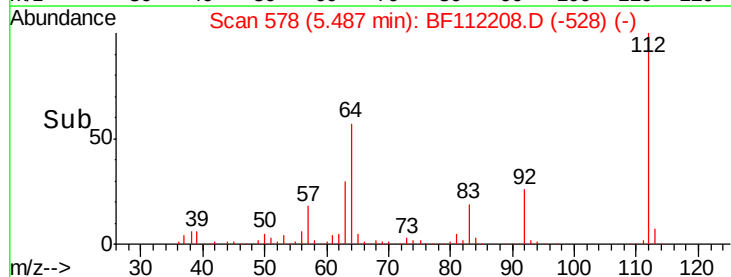
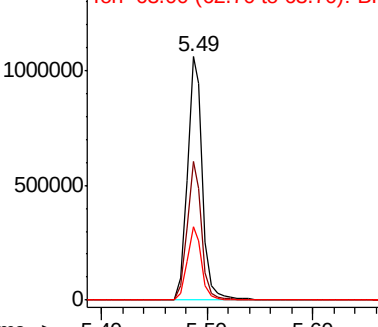
#5

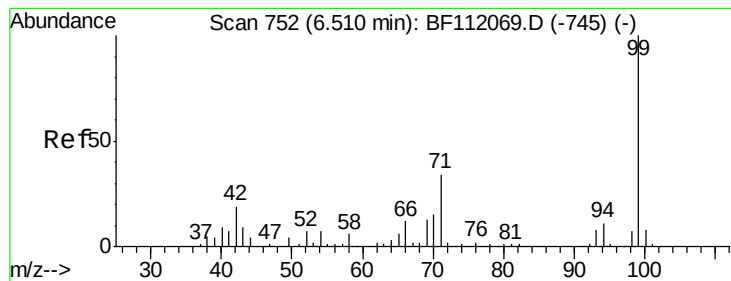
2-Fluorophenol
Concen: 90.700 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion:112 Resp: 1078133
Ion Ratio Lower Upper
112 100
64 56.8 45.7 68.5
63 30.3 23.6 35.4



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: 91.387 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112208.D

Acq: 24 Jan 2019 14:56

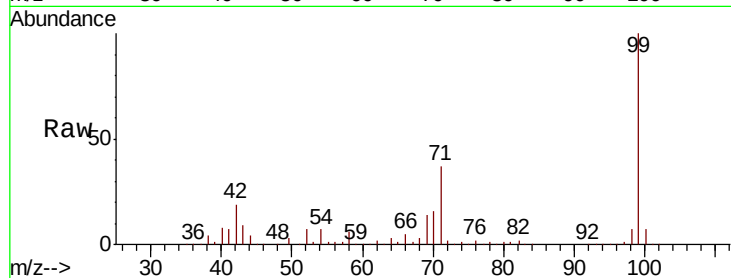
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1359119

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.1	22.7
71	37.1	26.9	40.3

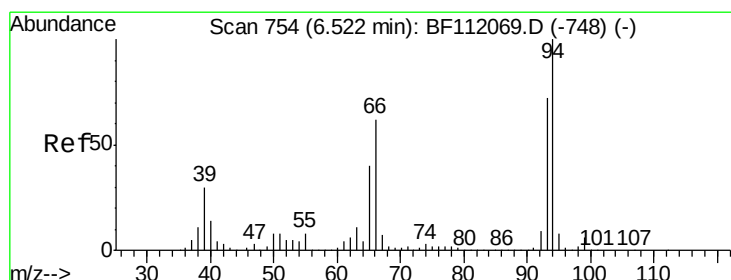
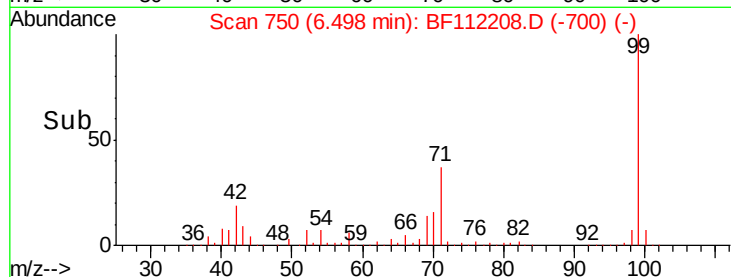
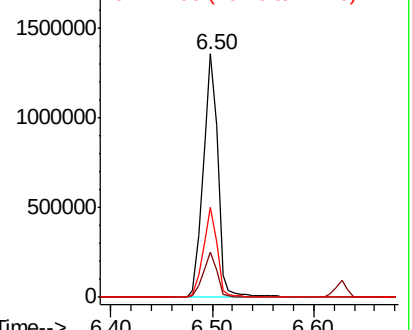


Abundance

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



#10

Phenol

Concen: 4.341 ng

RT: 6.51 min Scan# 752

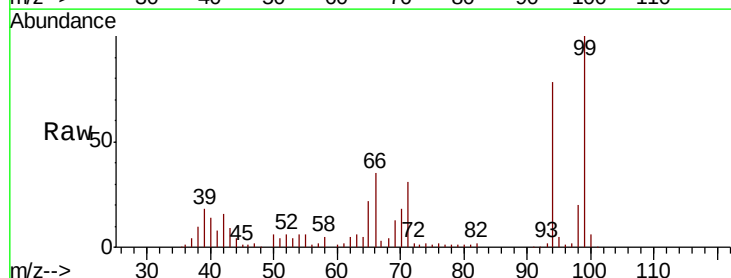
Delta R.T. -0.01 min

Lab File: BF112208.D

Acq: 24 Jan 2019 14:56

Tgt Ion: 94 Resp: 70552

Ion	Ratio	Lower	Upper
94	100		
65	28.8	20.3	60.3
66	44.5	42.4	82.4

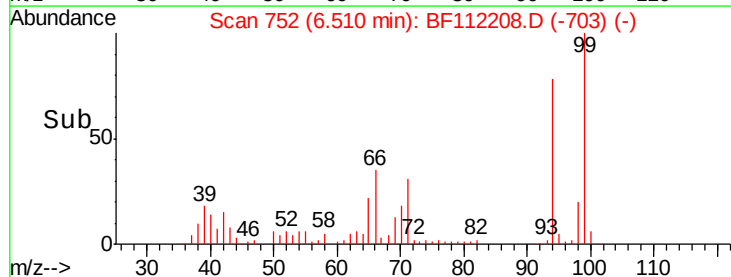
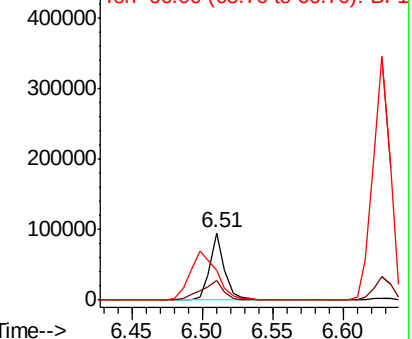


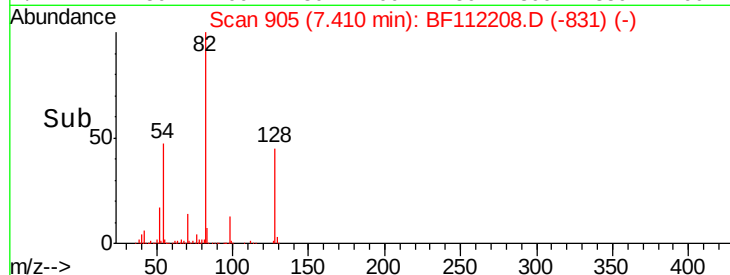
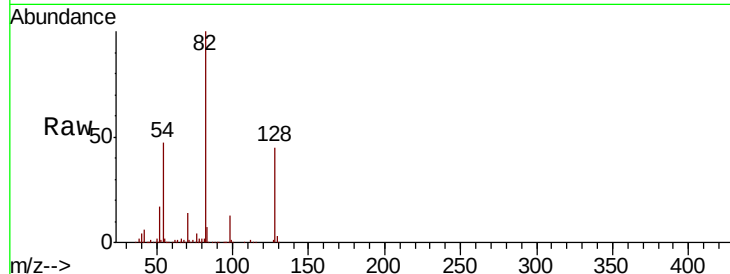
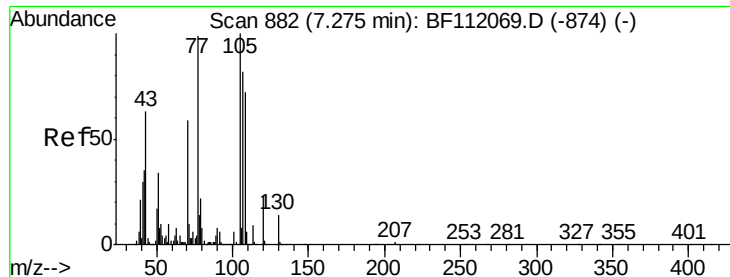
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

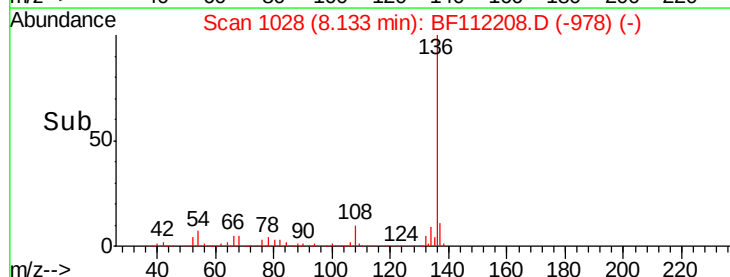
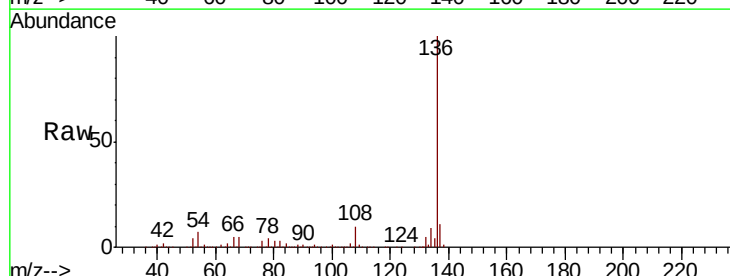
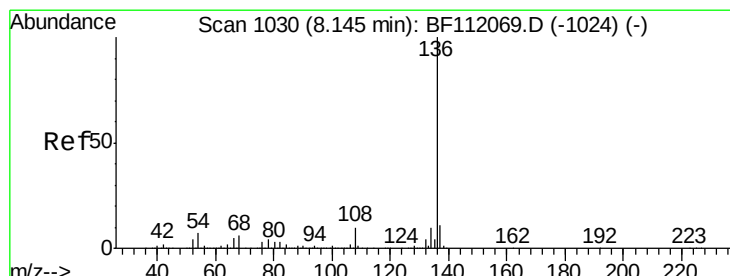
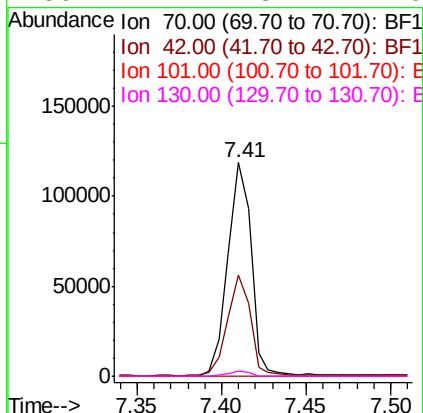




#19
n-Nitroso-di-n-propylamine
Concen: 12.777 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

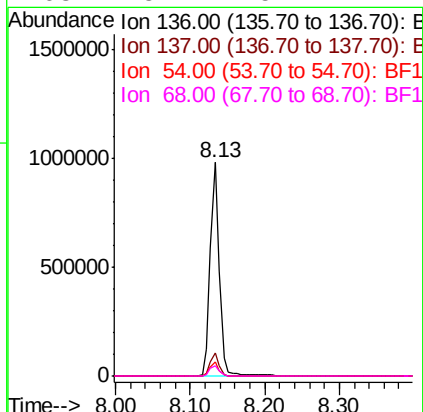
Instrument :
BNA_F
ClientSampleId :

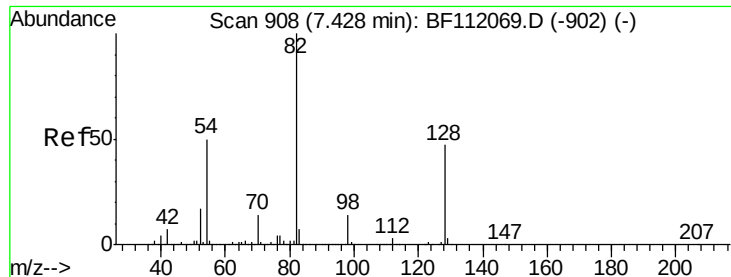
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.6	71.4#
101	0.0	7.9	11.9#
130	2.4	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.6	5.9	8.9
68	5.1	5.1	7.7#

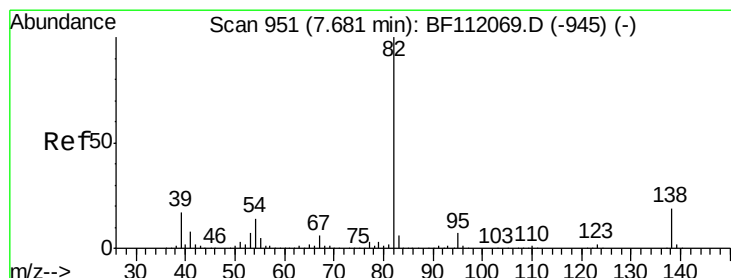
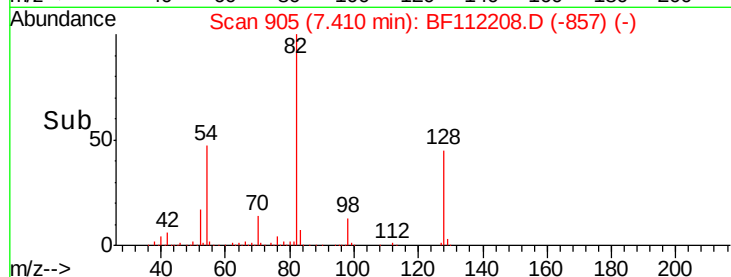
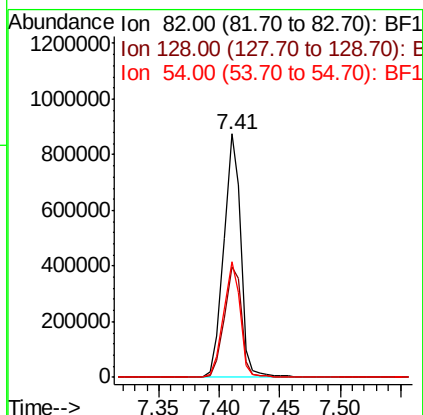
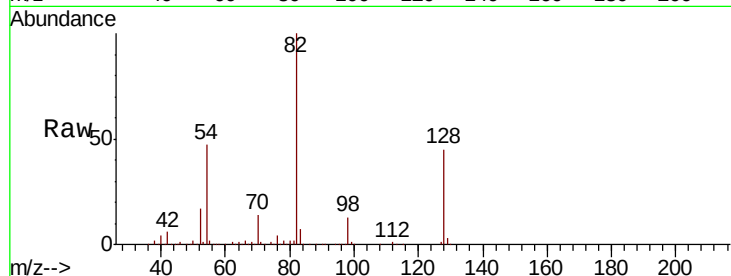




#23
Nitrobenzene-d5
Concen: 70.586 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

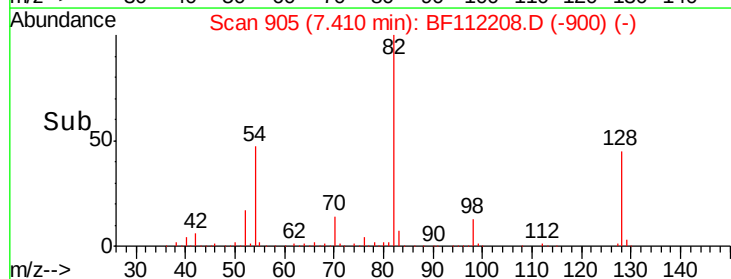
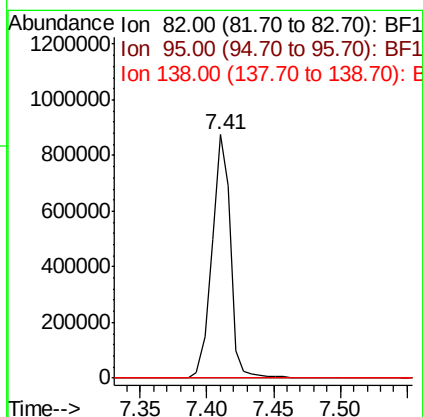
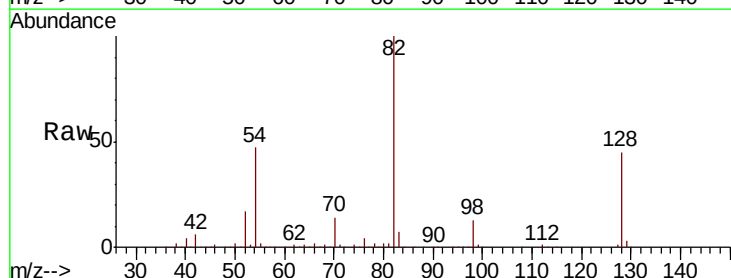
Instrument :
BNA_F
ClientSampled :

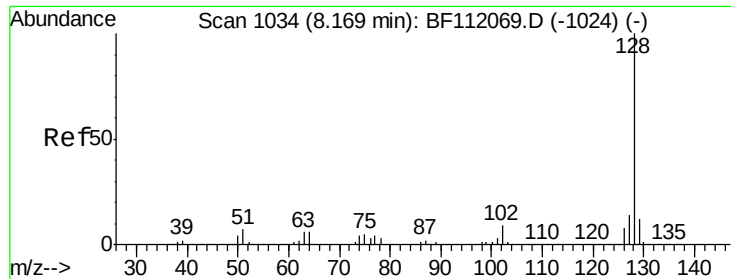
Tot Ion	82	Resp	853278
Ion Ratio	Lower	Upper	
82	100		
128	45.2	37.8	56.8
54	47.4	39.7	59.5



#25
Isophorone
Concen: 36.339 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.27 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion	82	Resp	848496
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#

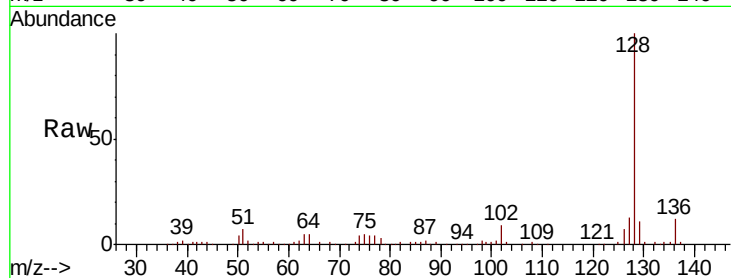




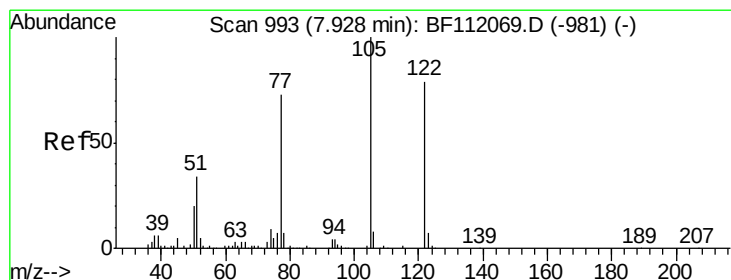
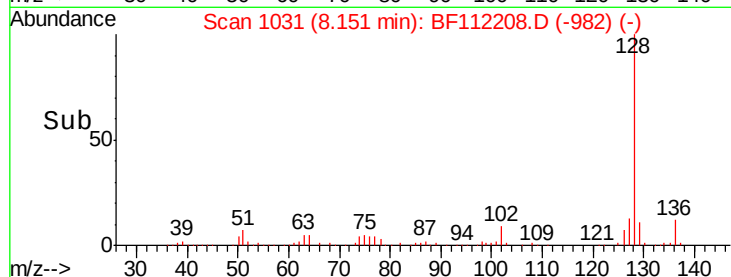
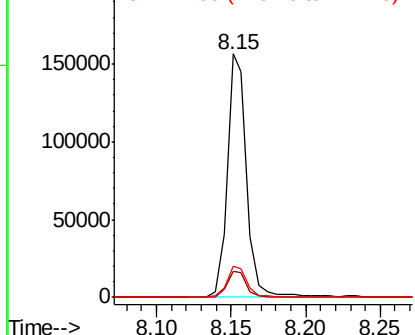
#31
Naphthalene
Concen: 3.785 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 143778
Ion Ratio Lower Upper
128 100
129 10.5 9.6 14.4
127 13.0 11.1 16.7

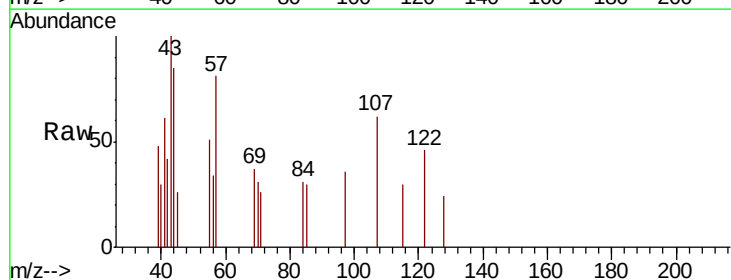


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

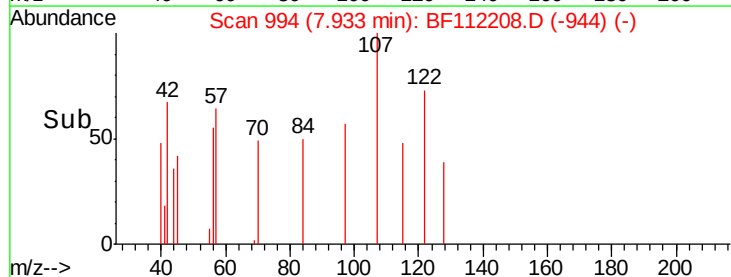
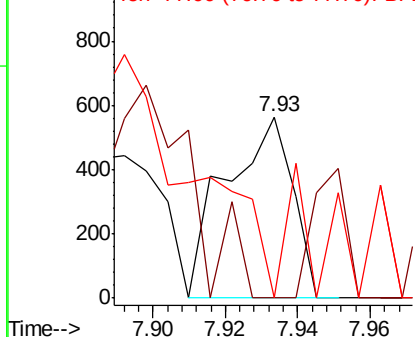


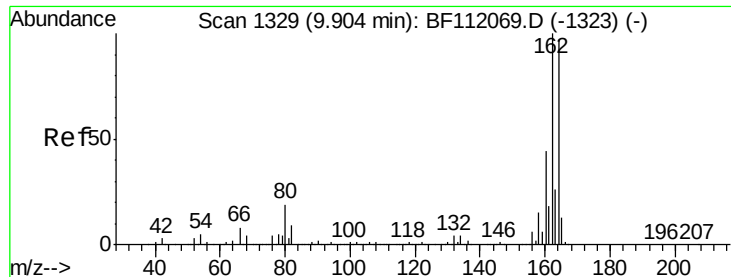
#32
Benzoic acid
Concen: 7.328 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion:122 Resp: 722
Ion Ratio Lower Upper
122 100
105 0.0 101.2 141.2#
77 0.0 70.4 110.4#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF112208.D

Acq: 24 Jan 2019 14:56

Instrument :

BNA_F

ClientSampleId :

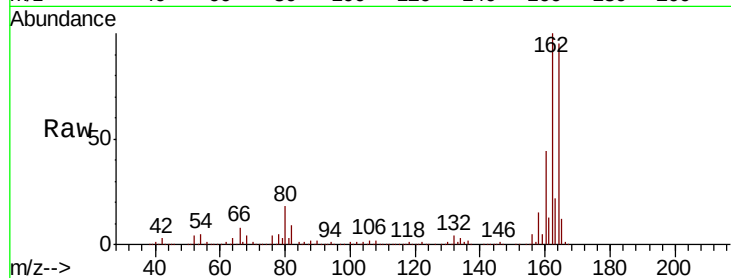
Tot Ion:164 Resp: 412461

Ion Ratio Lower Upper

164 100

162 105.3 82.2 123.4

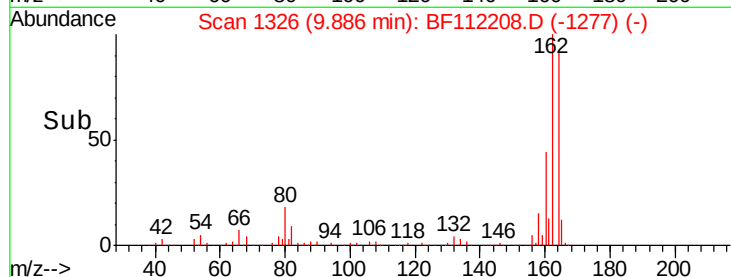
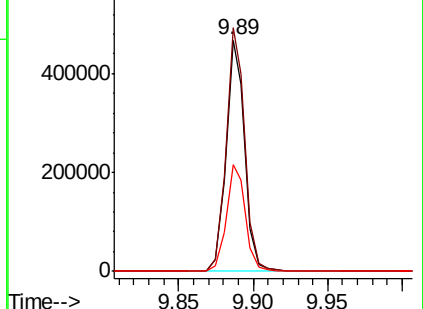
160 46.3 36.2 54.4



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: 97.986 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF112208.D

Acq: 24 Jan 2019 14:56

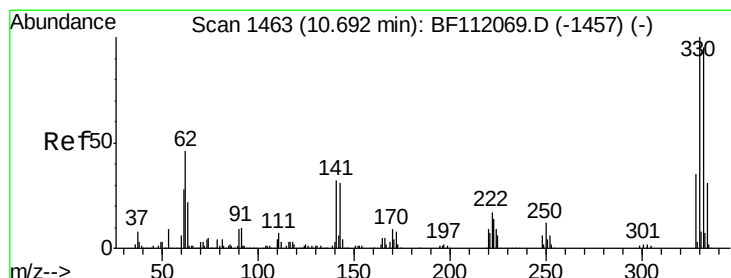
Tgt Ion:330 Resp: 435993

Ion Ratio Lower Upper

330 100

332 95.9 76.6 114.8

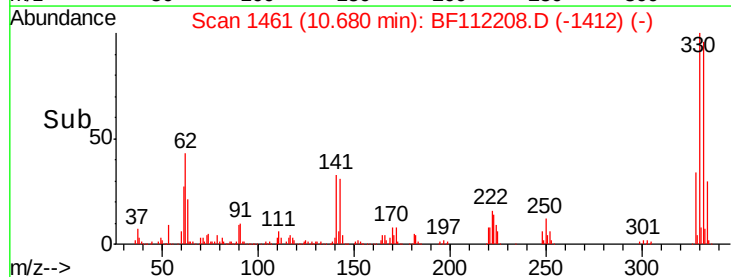
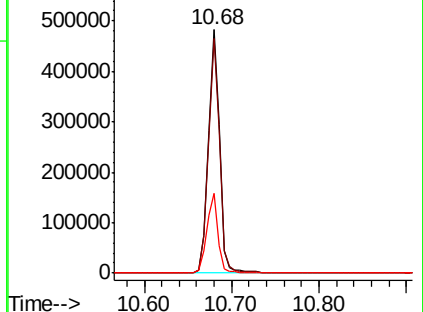
141 32.5 24.3 36.5

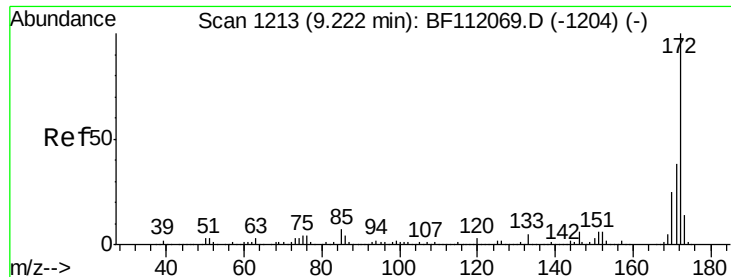


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

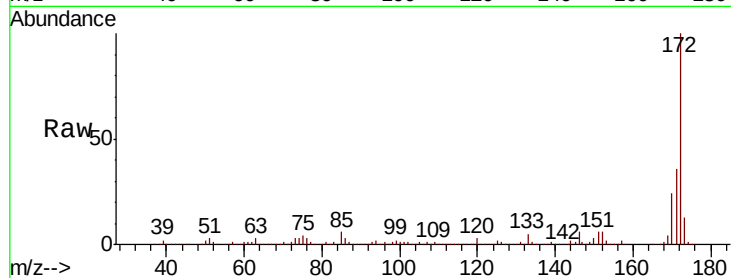




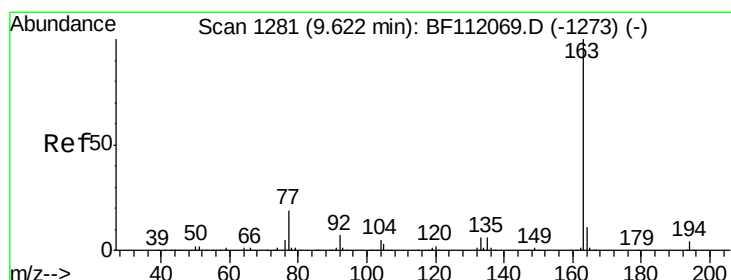
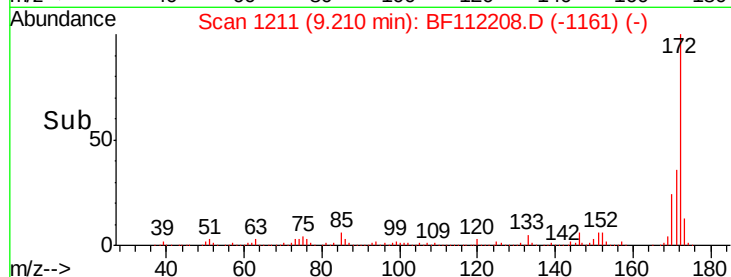
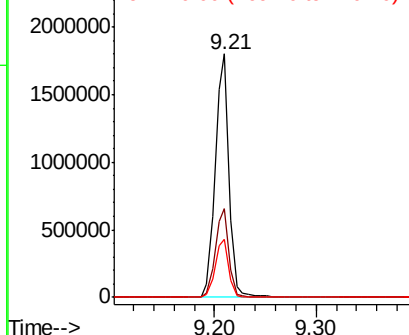
#45
2-Fluorobiphenyl
Concen: 60.364 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1698224
Ion Ratio Lower Upper
172 100
171 36.4 30.5 45.7
170 24.0 20.2 30.4

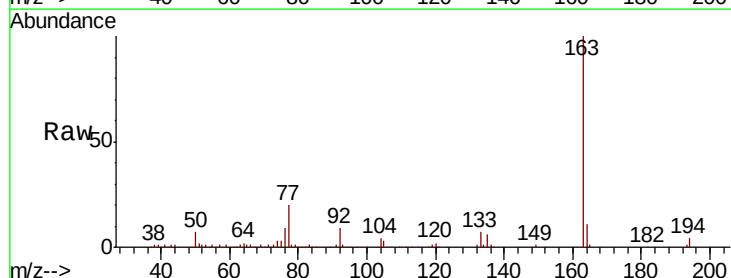


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

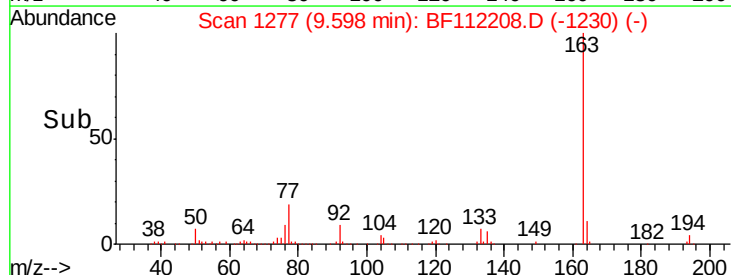
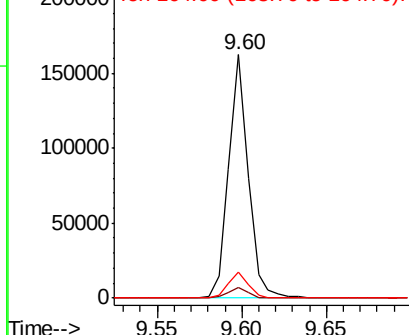


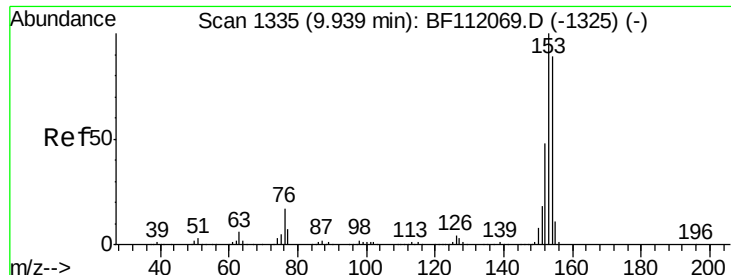
#50
Dimethylphthalate
Concen: 4.345 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion:163 Resp: 130704
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.5 8.5 12.7



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





#52

Acenaphthene

Concen: 3.714 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF112208.D

Acq: 24 Jan 2019 14:56

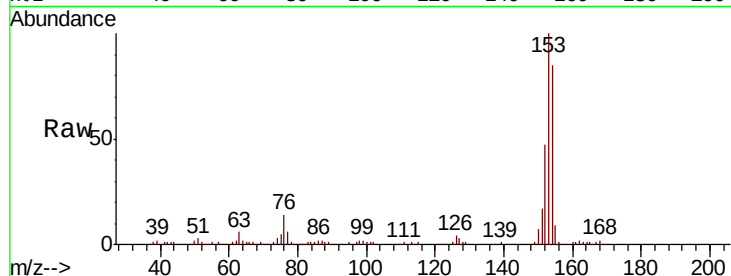
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 89513

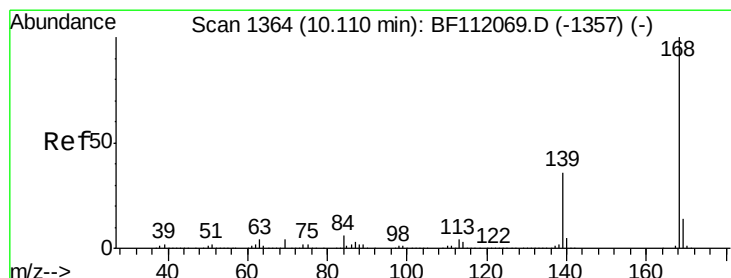
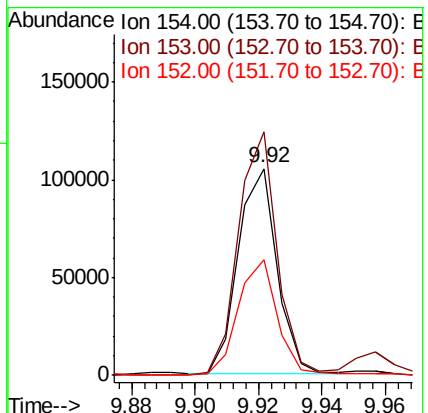
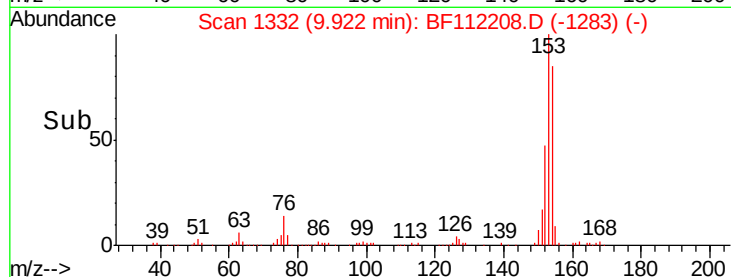
Ion	Ratio	Lower	Upper
154	100		
153	117.6	89.8	134.6
152	55.8	43.5	65.3



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: 3.982 ng

RT: 10.09 min Scan# 1361

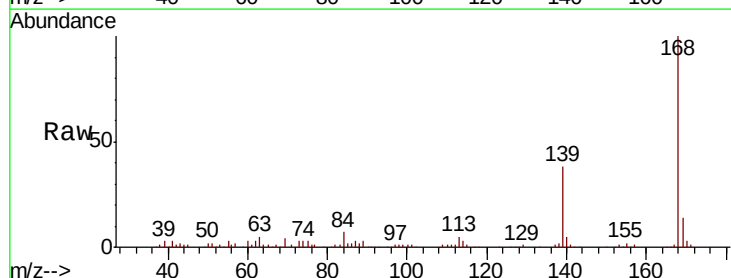
Delta R.T. -0.01 min

Lab File: BF112208.D

Acq: 24 Jan 2019 14:56

Tgt Ion:168 Resp: 145143

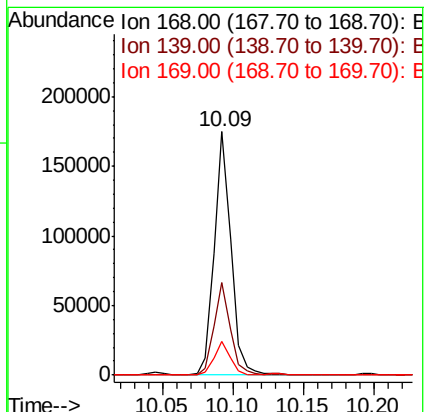
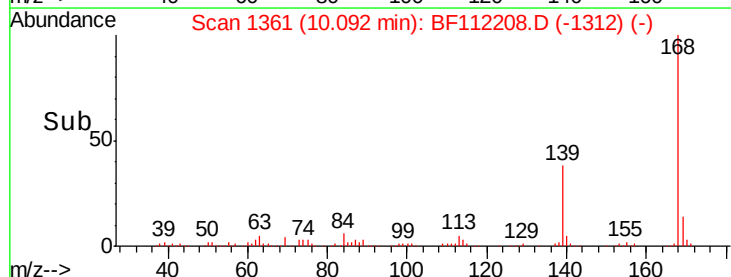
Ion	Ratio	Lower	Upper
168	100		
139	38.0	29.2	43.8
169	14.1	11.4	17.0

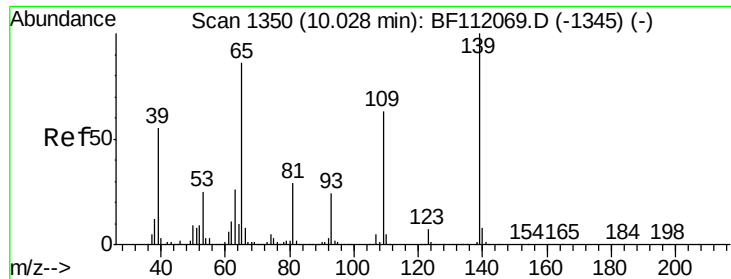


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

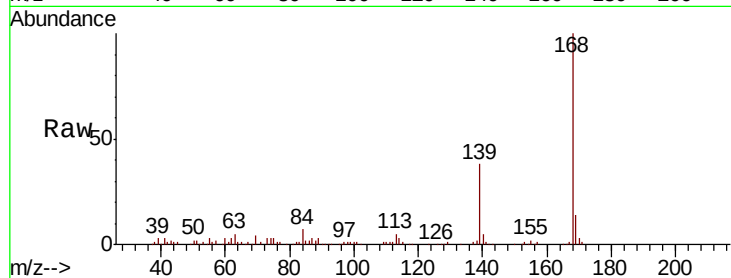




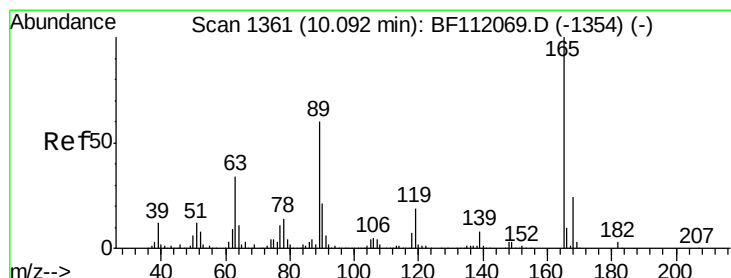
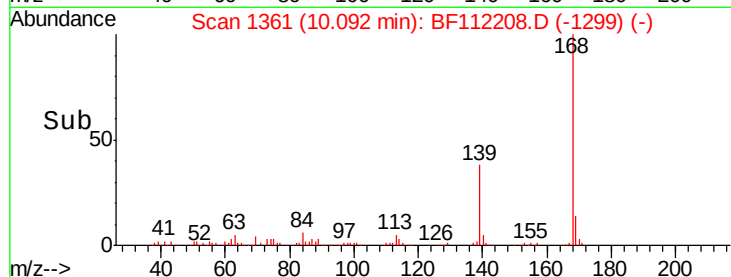
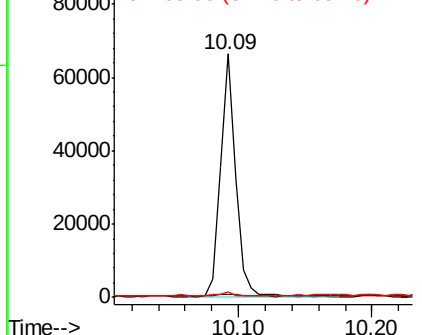
#56
4-Nitrophenol
Concen: 16.196 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.06 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 54458
Ion Ratio Lower Upper
139 100
109 1.4 42.8 82.8#
65 2.3 66.1 106.1#

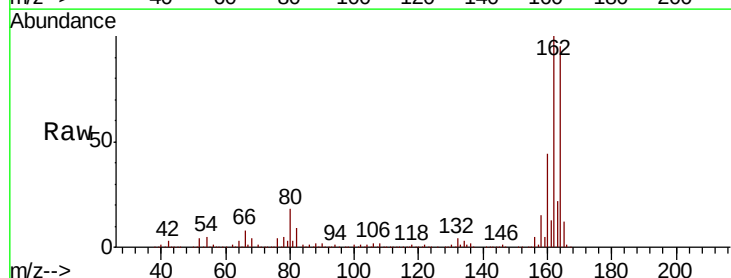


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

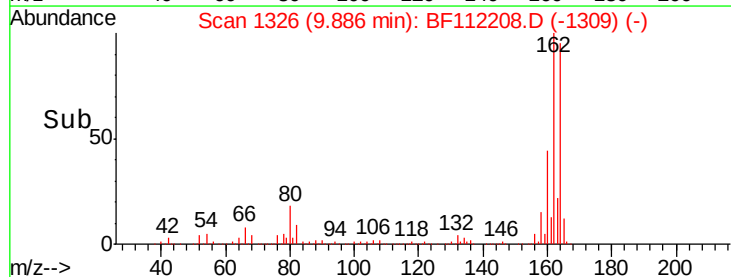
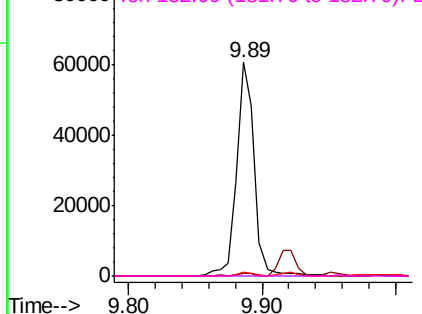


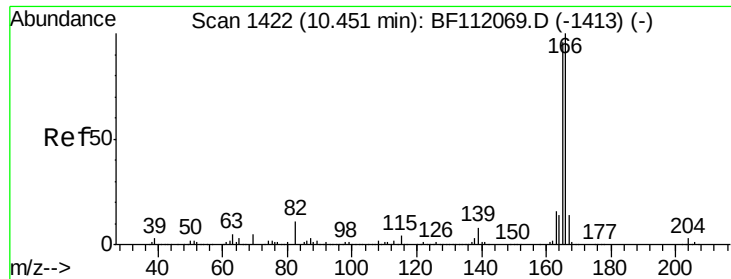
#57
2,4-Dinitrotoluene
Concen: 11.160 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion:165 Resp: 56082
Ion Ratio Lower Upper
165 100
63 1.1 27.9 41.9#
89 1.6 47.9 71.9#
182 0.0 2.2 3.4#



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

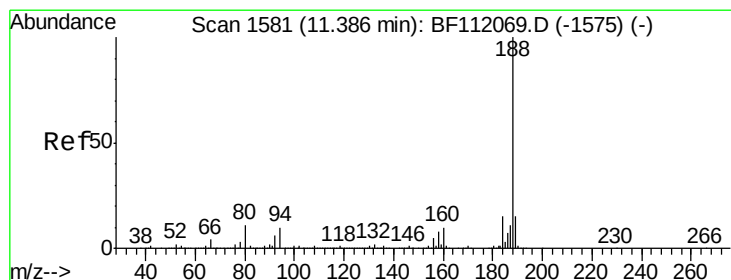
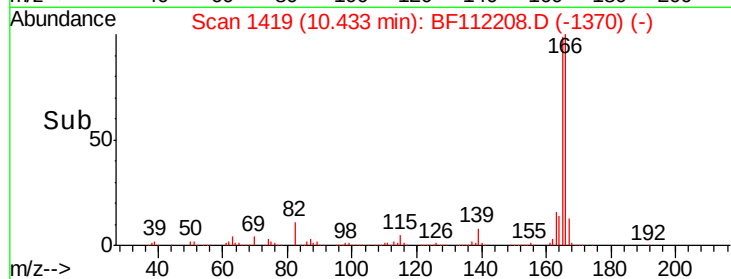
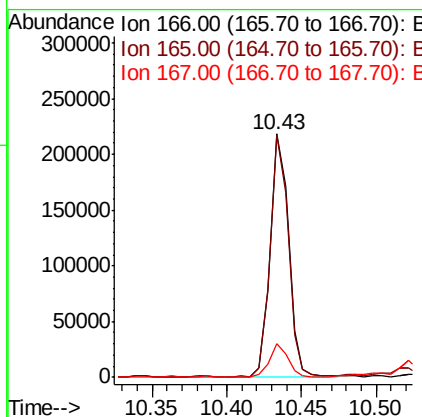
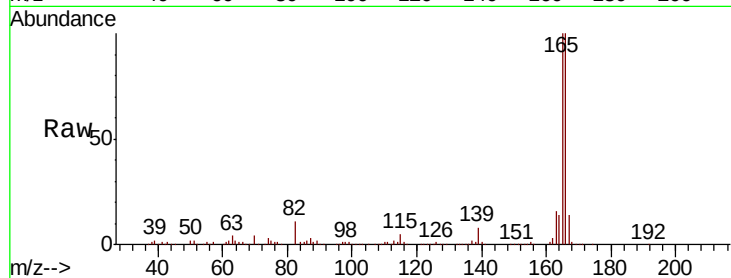




#58
 Fluorene
 Concen: 6.942 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF112208.D
 Acq: 24 Jan 2019 14:56

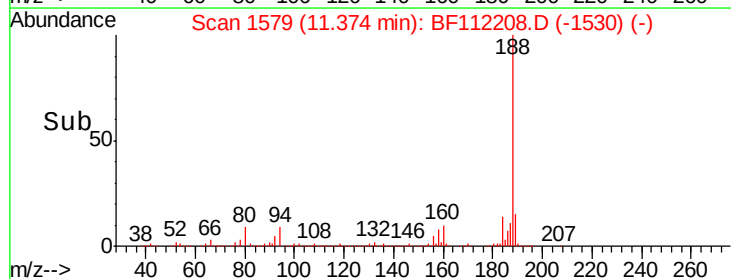
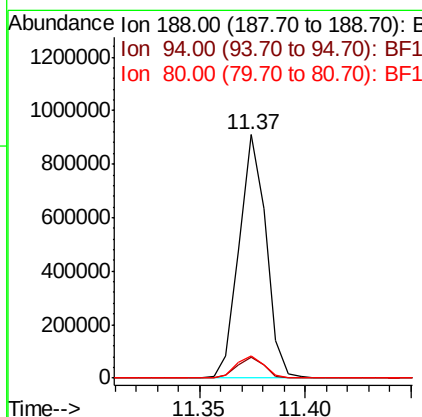
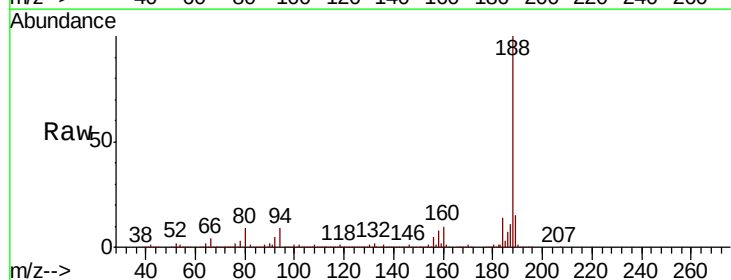
Instrument :
 BNA_F
 ClientSampled :

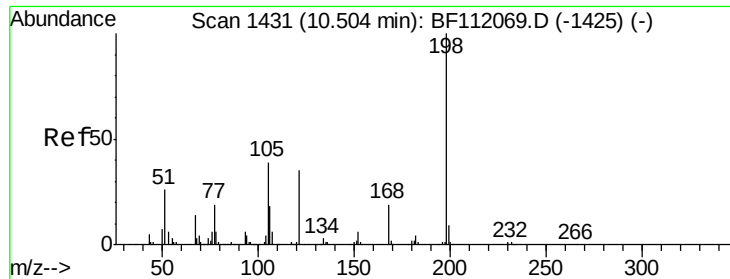
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.1	115.7
167	13.6	11.3	16.9



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF112208.D
 Acq: 24 Jan 2019 14:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.3	8.9	13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 10.339 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.18 min

Lab File: BF112208.D

Acq: 24 Jan 2019 14:56

Instrument :

BNA_F

ClientSampled :

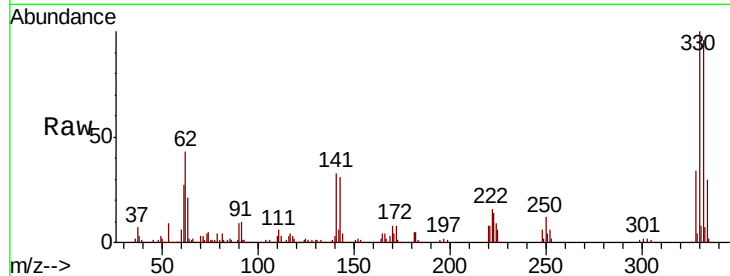
Tot Ion:198 Resp: 1146

Ion Ratio Lower Upper

198 100

51 188.9 17.2 57.2#

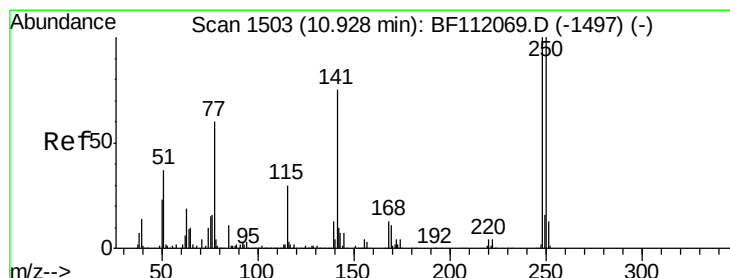
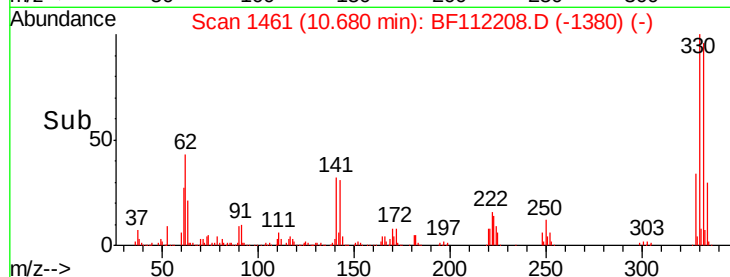
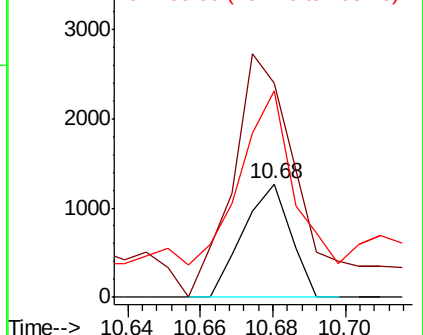
105 181.9 21.9 61.9#



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



#67

4-Bromophenyl-phenylether

Concen: 2.724 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.25 min

Lab File: BF112208.D

Acq: 24 Jan 2019 14:56

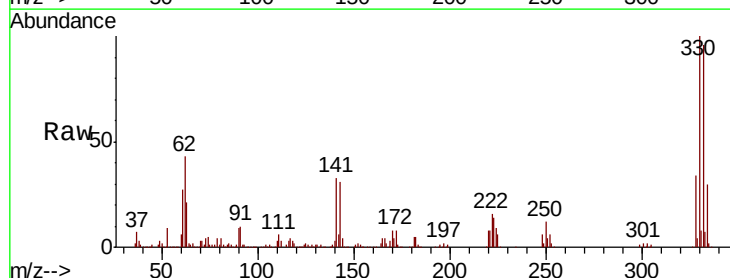
Tgt Ion:248 Resp: 25470

Ion Ratio Lower Upper

248 100

250 204.0 79.7 119.5#

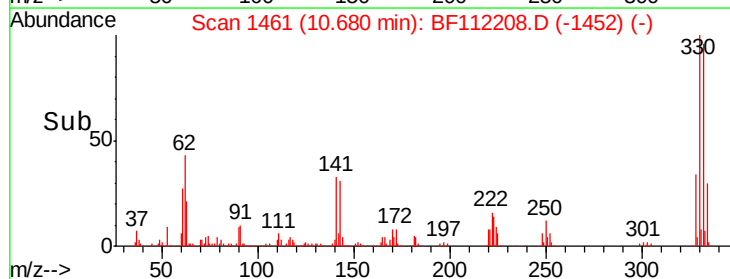
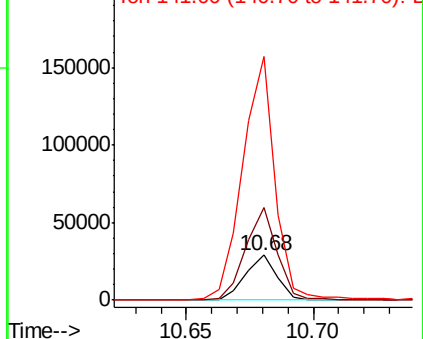
141 539.0 60.3 90.5#

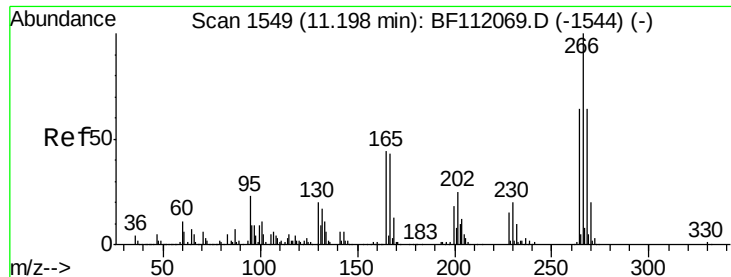


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

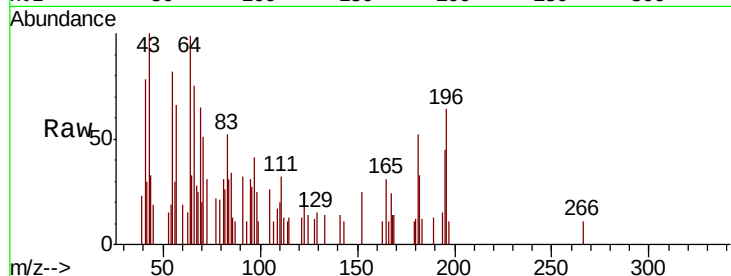




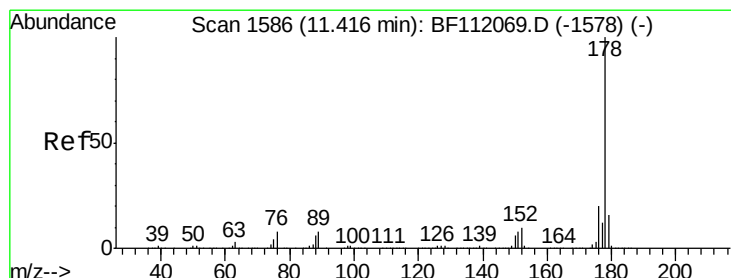
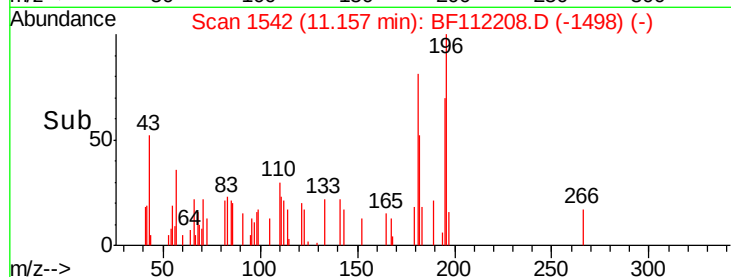
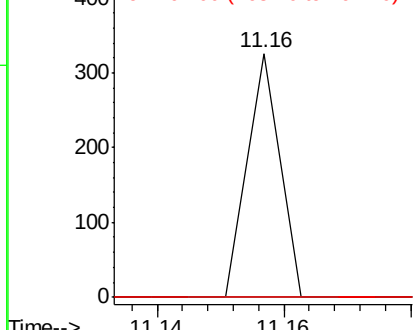
#70
 Pentachlorophenol
 Concen: 6.127 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. -0.04 min
 Lab File: BF112208.D
 Acq: 24 Jan 2019 14:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 115
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.2 76.8#
 264 0.0 50.9 76.3#

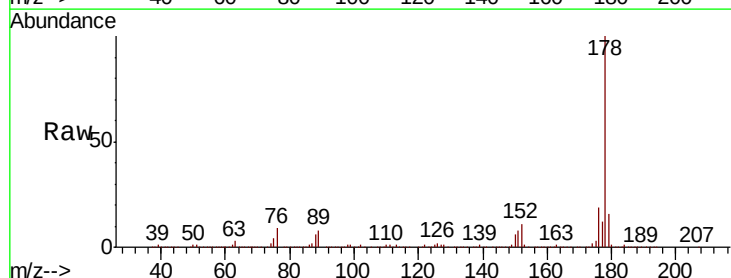


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

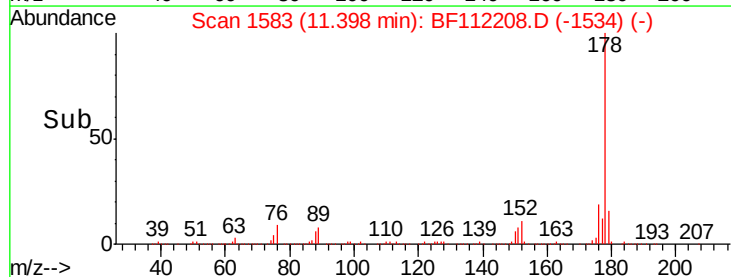
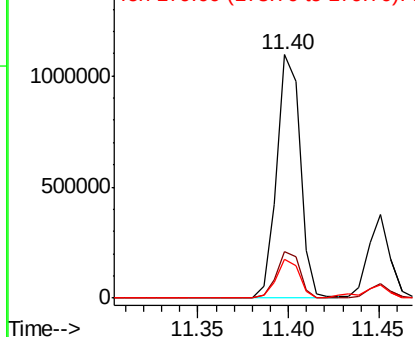


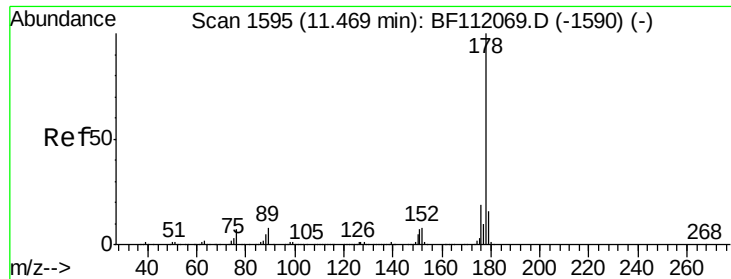
#71
 Phenanthrene
 Concen: 24.457 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF112208.D
 Acq: 24 Jan 2019 14:56

Tgt Ion:178 Resp: 990976
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.3 24.5
 179 16.0 13.0 19.4



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





#72

Anthracene

Concen: 7.840 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF112208.D

Acq: 24 Jan 2019 14:56

Instrument :

BNA_F

ClientSampled :

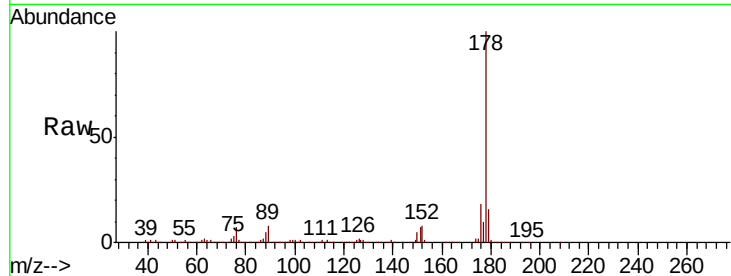
Tot Ion:178 Resp: 321811

Ion Ratio Lower Upper

178 100

176 18.0 15.5 23.3

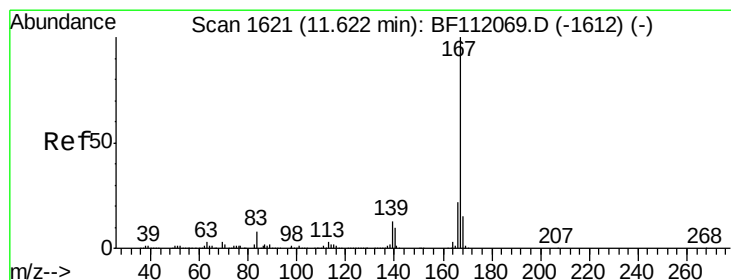
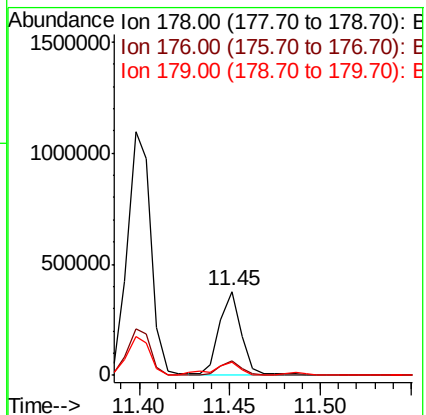
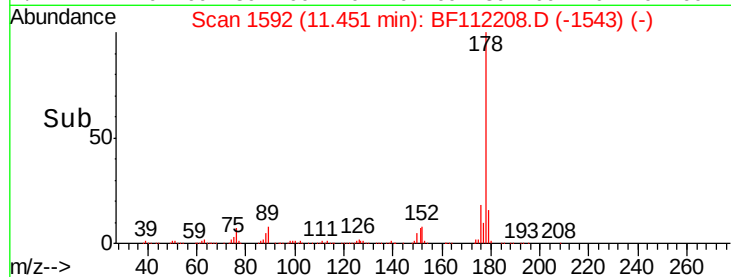
179 15.8 12.8 19.2



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: 3.517 ng

RT: 11.60 min Scan# 1618

Delta R.T. -0.01 min

Lab File: BF112208.D

Acq: 24 Jan 2019 14:56

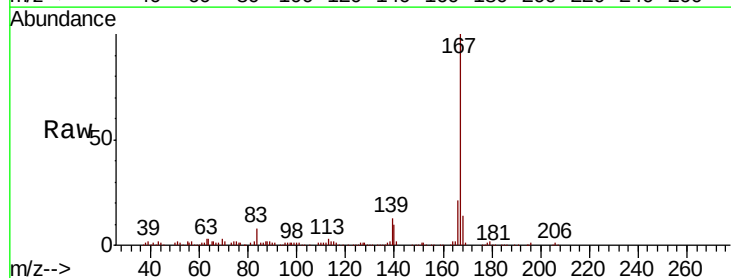
Tgt Ion:167 Resp: 144589

Ion Ratio Lower Upper

167 100

166 21.5 17.9 26.9

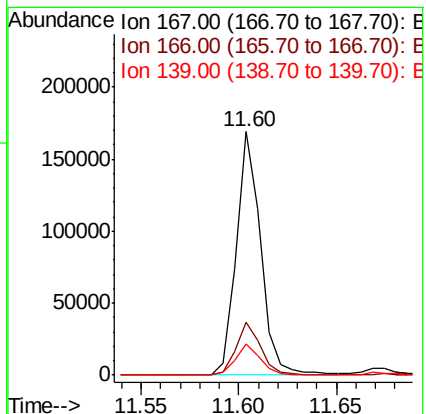
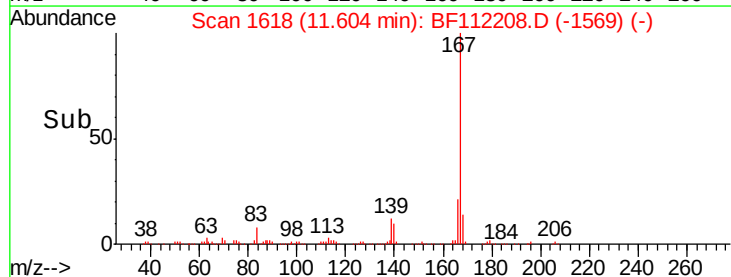
139 12.6 10.2 15.2

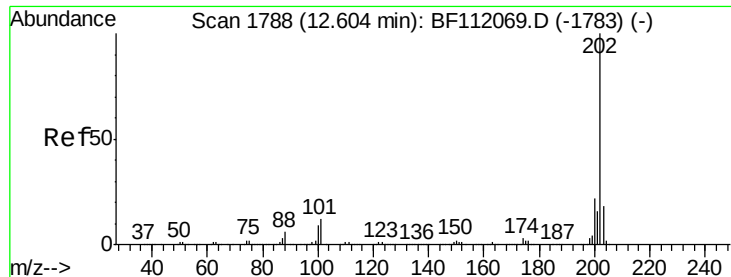


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 17.580 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF112208.D

Acq: 24 Jan 2019 14:56

Instrument :

BNA_F

ClientSampled :

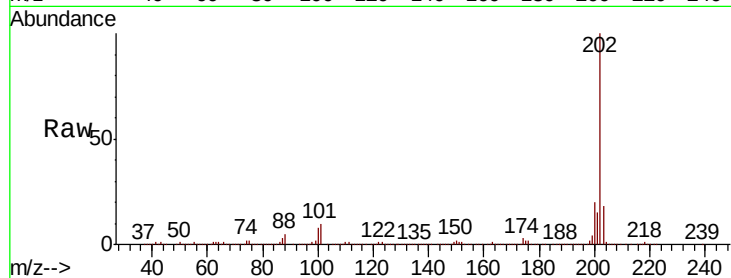
Tot Ion:202 Resp: 752096

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.8

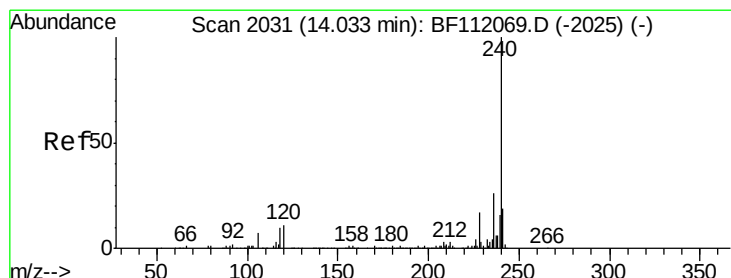
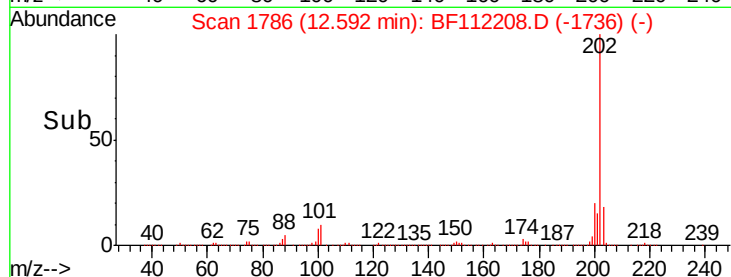
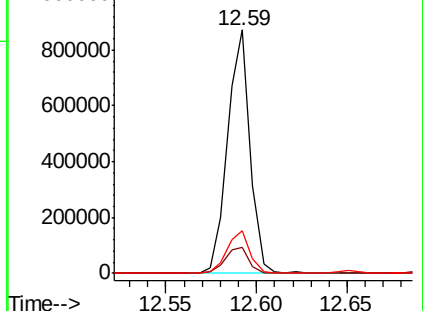
203 17.8 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF112208.D

Acq: 24 Jan 2019 14:56

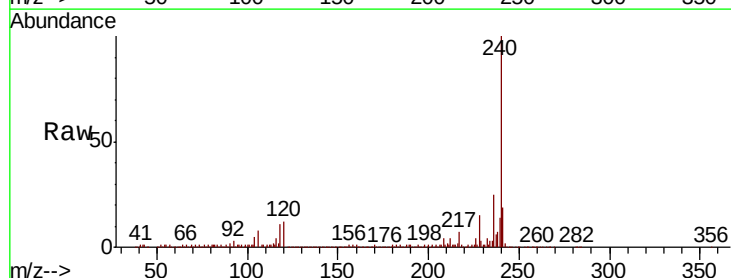
Tgt Ion:240 Resp: 549537

Ion Ratio Lower Upper

240 100

120 12.0 9.0 13.6

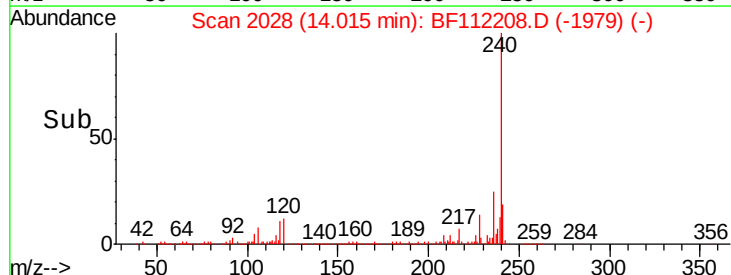
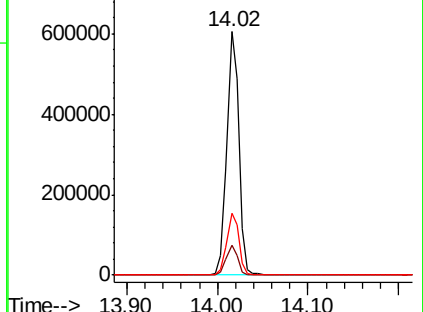
236 25.4 20.7 31.1

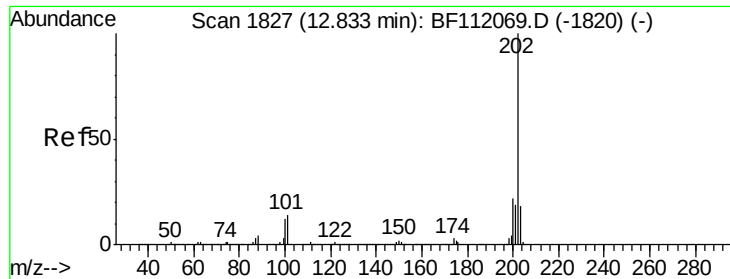


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

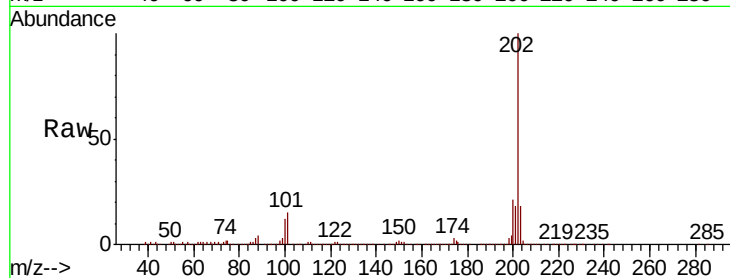




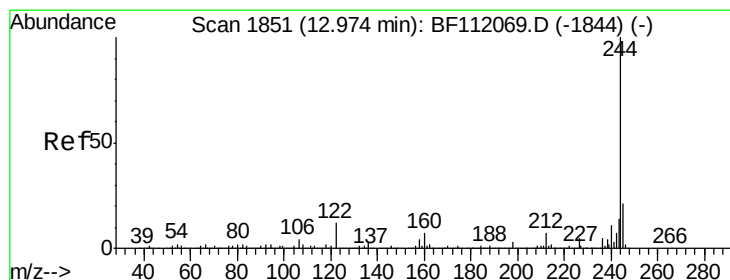
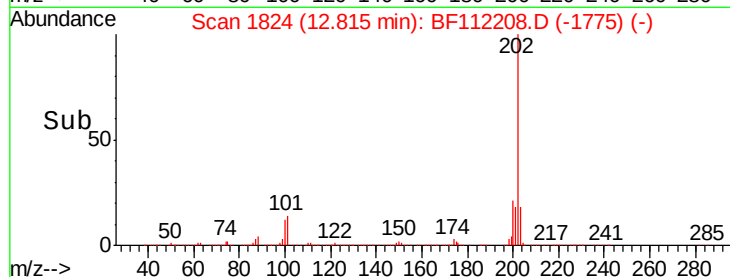
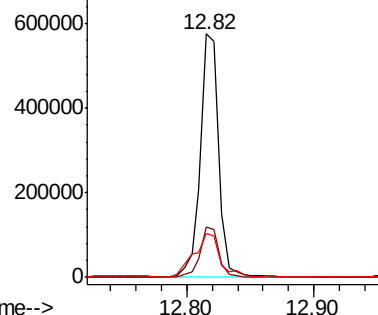
#78
Pvrene
Concen: 15.774 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 571904
Ion Ratio Lower Upper
202 100
200 20.9 17.7 26.5
203 18.1 14.6 22.0

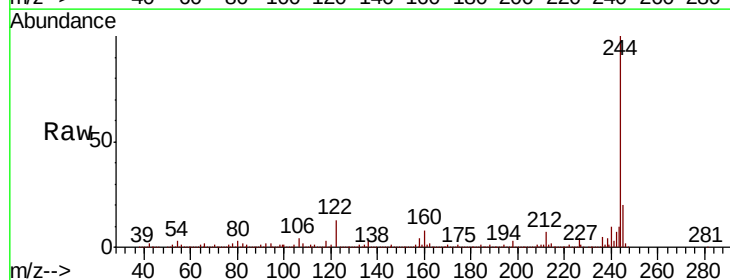


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

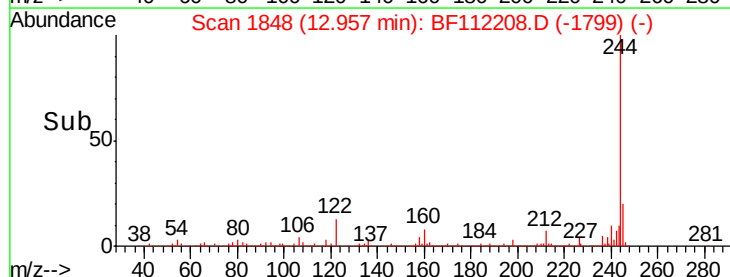
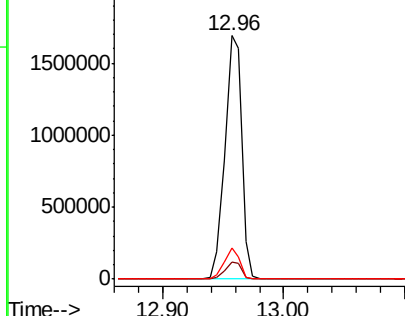


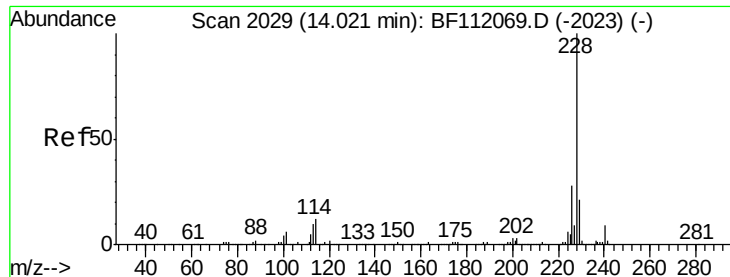
#79
Terphenyl-d14
Concen: 63.287 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion:244 Resp: 1634819
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 12.7 9.8 14.6



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





#81

Benzo(a)anthracene

Concen: 7.781 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112208.D

Acq: 24 Jan 2019 14:56

Instrument :

BNA_F

ClientSampleId :

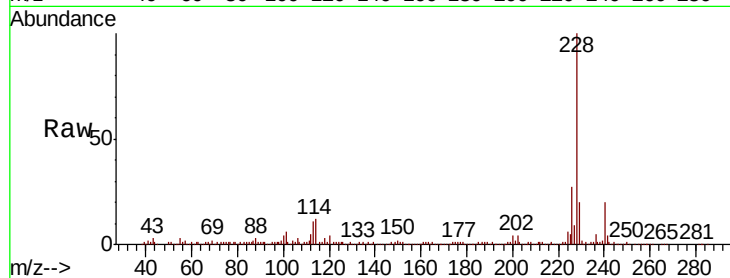
Tot Ion:228 Resp: 245170

Ion Ratio Lower Upper

228 100

226 27.0 22.6 34.0

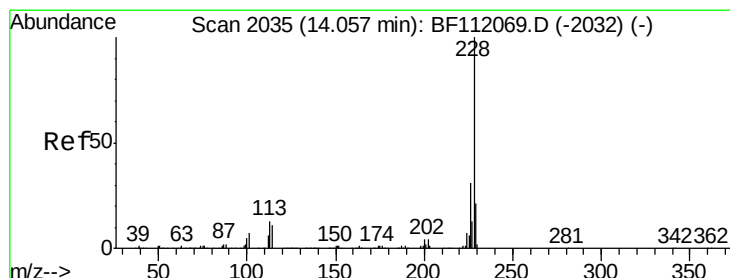
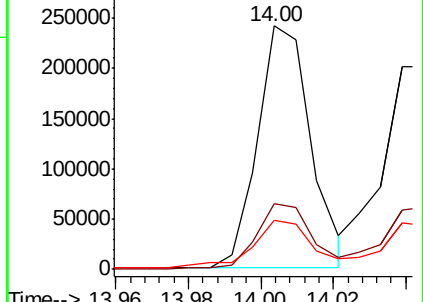
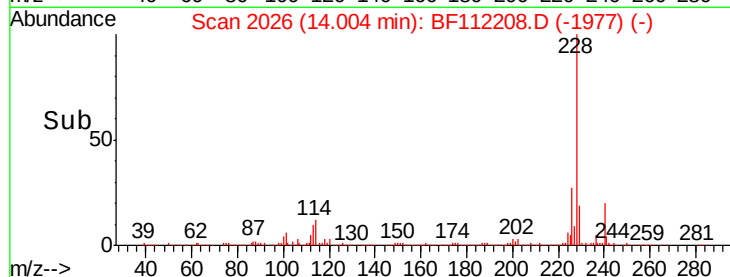
229 19.9 16.5 24.7



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: 7.272 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BF112208.D

Acq: 24 Jan 2019 14:56

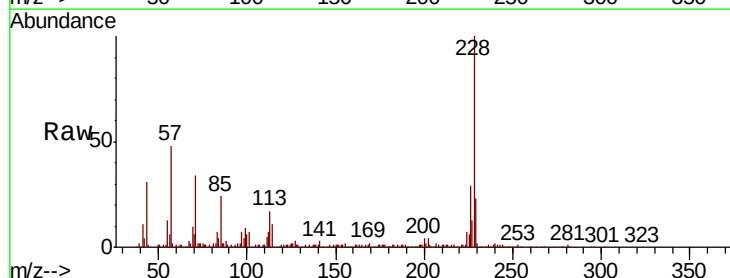
Tgt Ion:228 Resp: 216819

Ion Ratio Lower Upper

228 100

226 29.1 25.0 37.6

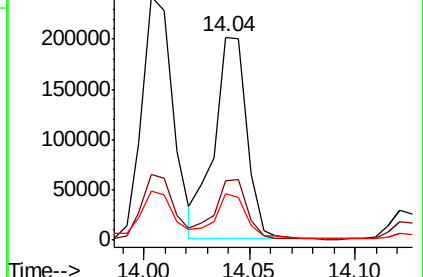
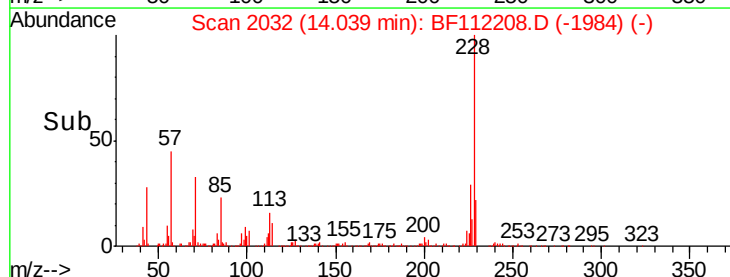
229 23.0 16.6 24.8

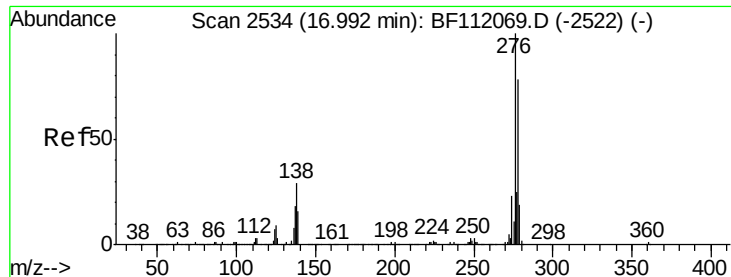


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

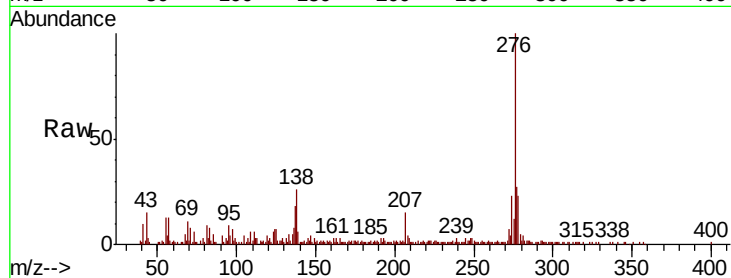




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 4.313 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. -0.02 min
 Lab File: BF112208.D
 Acq: 24 Jan 2019 14:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	22.6	34.0
277	25.8	20.3	30.5

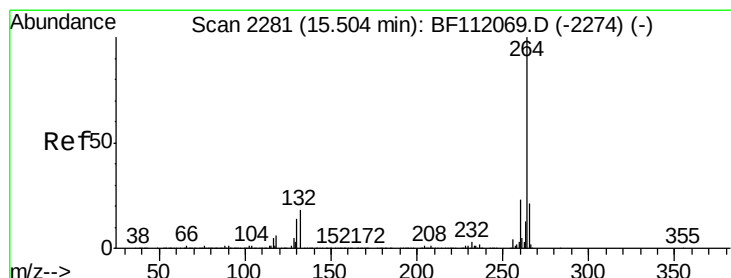
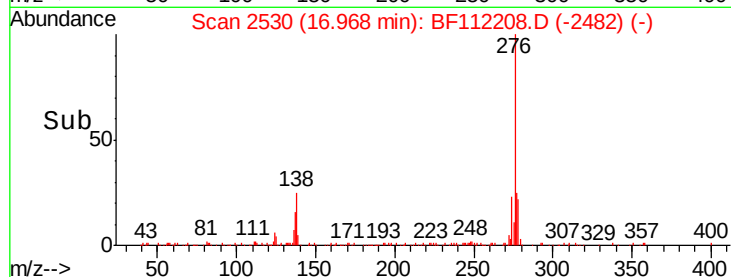
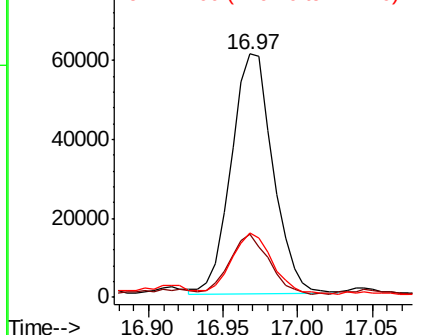


Abundance

Ion 276.00 (275.70 to 276.70): E

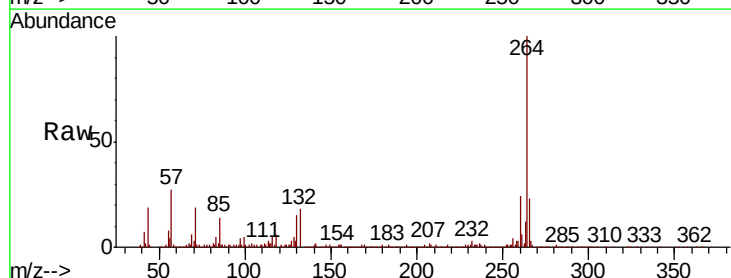
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF112208.D
 Acq: 24 Jan 2019 14:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	22.5	17.0	25.4

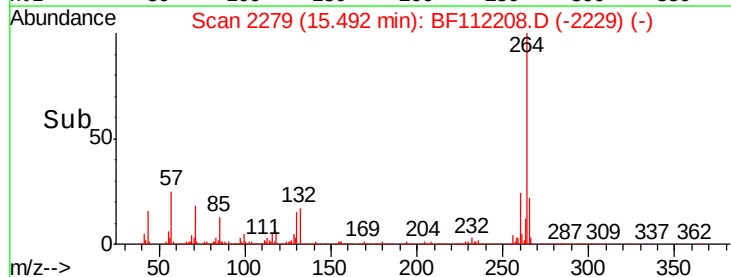
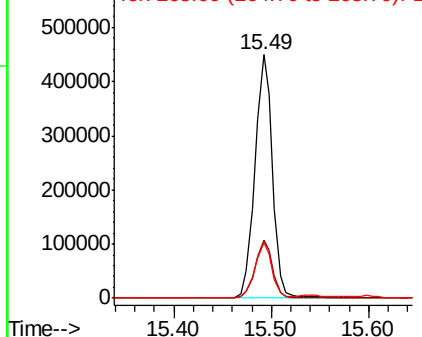


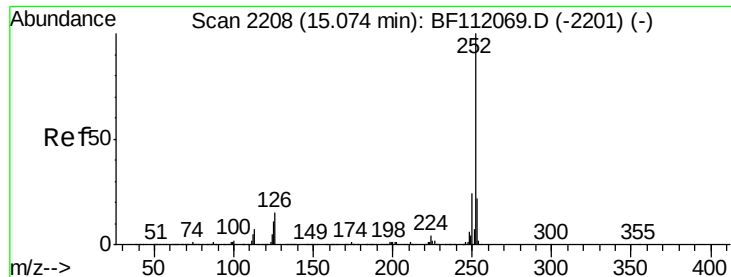
Abundance

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

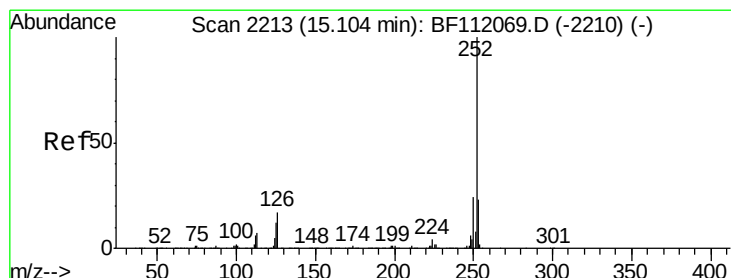
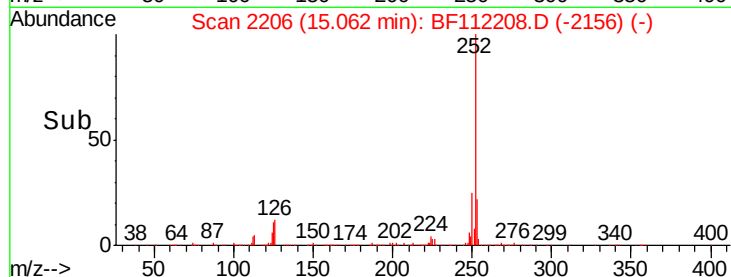
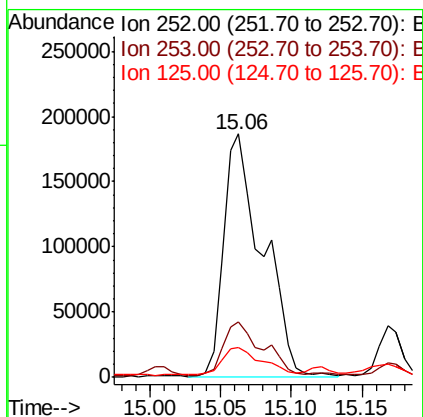
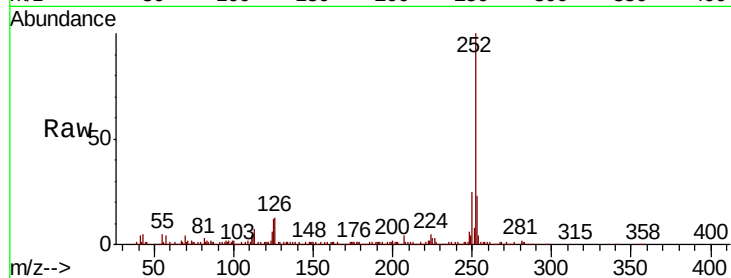




#88
Benzo(b)fluoranthene
Concen: 10.978 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

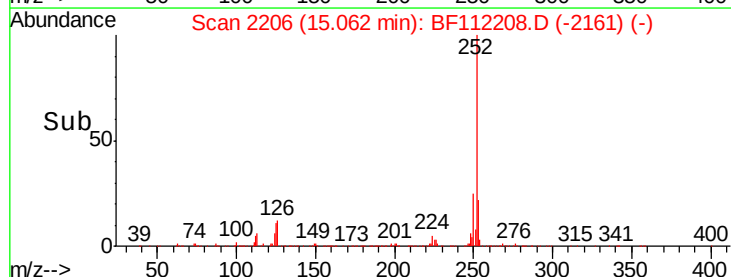
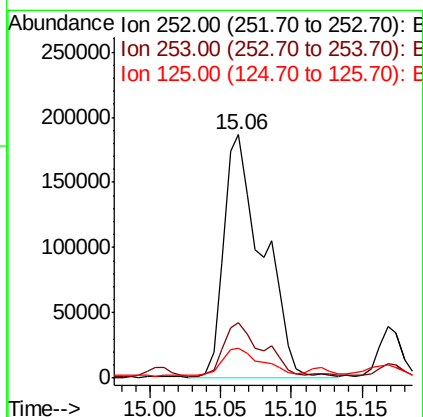
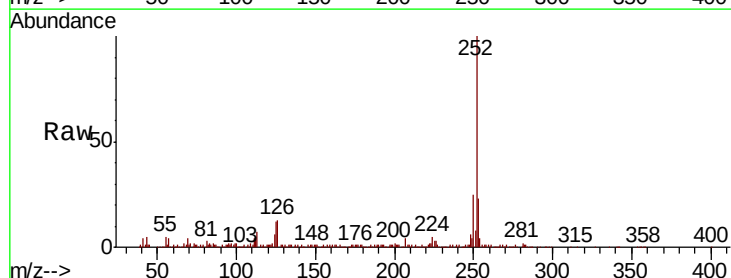
Instrument :
BNA_F
ClientSampleId :

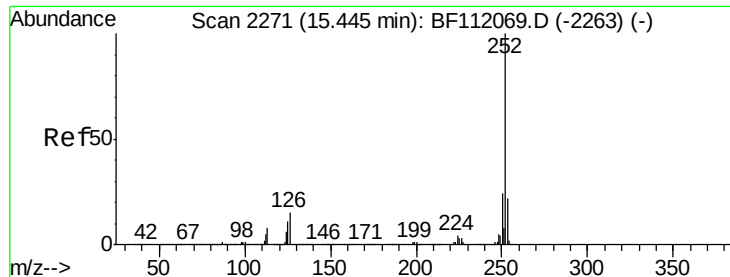
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	12.1	8.7	13.1



#89
Benzo(k)fluoranthene
Concen: 11.343 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	12.1	9.1	13.7

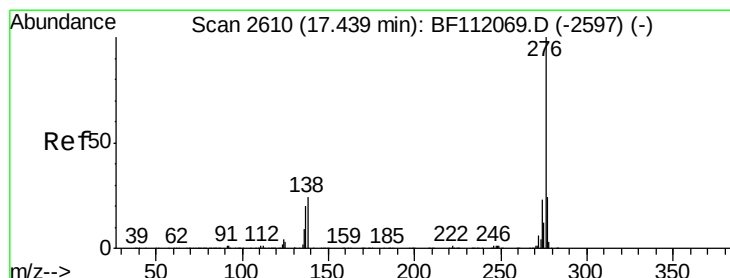
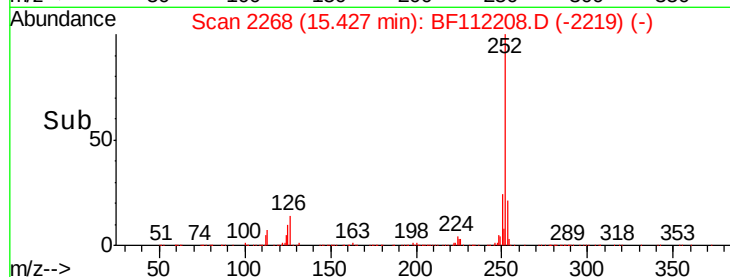
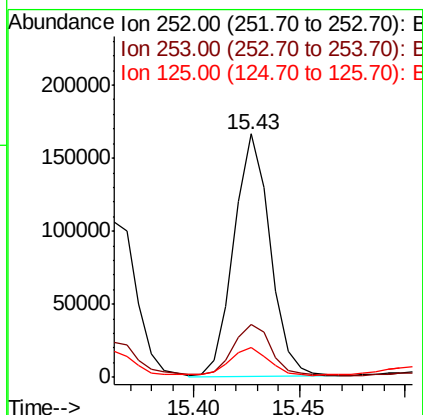
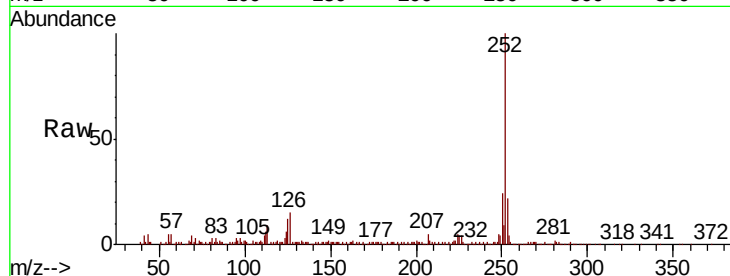




#90
Benzo(a)pyrene
Concen: 6.622 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 197323
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 12.2 9.0 13.4



#92
Benzo(g,h,i)perylene
Concen: 4.523 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion:276 Resp: 117936
Ion Ratio Lower Upper
276 100
277 24.9 19.4 29.0
138 22.0 19.1 28.7

