

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
 Data File : BF108458.D
 Acq On : 24 Aug 2018 9:06
 Operator : JU/SJ
 Sample : J4535-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 24 10:45:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	135616	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	486598	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	208602	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	313588	20.00	ng	0.00
75) Chrysene-d12	14.21	240	235742	20.00	ng	0.00
86) Perylene-d12	15.78	264	187771	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	797846	106.51	ng	0.00
7) Phenol-d6	6.62	99	1071763	107.67	ng	0.00
23) Nitrobenzene-d5	7.56	82	693180	79.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	202871	97.50	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1174563	90.40	ng	0.00
78) Terphenyl-d14	13.13	244	822276	88.69	ng	0.00

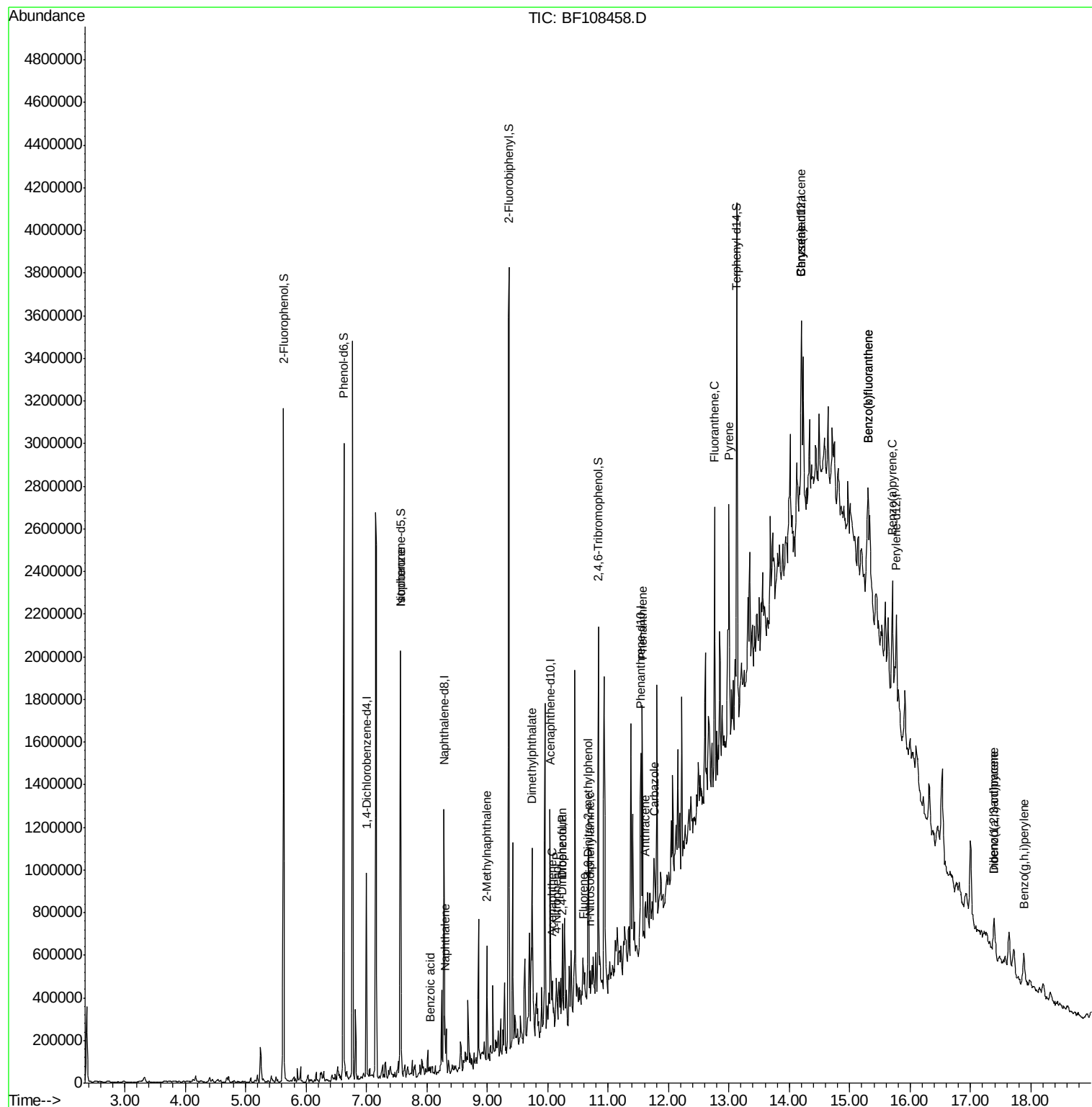
Target Compounds				Qvalue		
25) Isophorone	7.56	82	690723	41.557	ng	# 64
31) Naphthalene	8.30	128	89491	4.044	ng	# 99
32) Benzoic acid	8.06	122	3657	6.722	ng	# 27
37) 2-Methylnaphthalene	9.00	142	131357	8.390	ng	# 98
49) Dimethylphthalate	9.75	163	90363	6.219	ng	# 98
51) Acenaphthene	10.08	154	25281	2.148	ng	# 94
53) 2,4-Dinitrophenol	10.25	184	132	7.127	ng	# 1
54) Dibenzofuran	10.25	168	43806	2.569	ng	# 86
55) 4-Nitrophenol	10.14	139	5717	2.270	ng	# 47
57) Fluorene	10.60	166	31421	2.328	ng	# 92
64) 4,6-Dinitro-2-methylphenol	10.66	198	178	5.493	ng	# 1
65) n-Nitrosodiphenylamine	10.70	169	19559	2.111	ng	# 41
70) Phenanthrene	11.57	178	359776	24.324	ng	# 99
71) Anthracene	11.62	178	76542	5.049	ng	# 98
72) Carbazole	11.77	167	34991	2.598	ng	# 87
74) Fluoranthene	12.77	202	514741	31.888	ng	# 95
77) Pyrene	13.00	202	478346	32.050	ng	# 99
80) Benzo(a)anthracene	14.19	228	274307	20.275	ng	# 95
82) Chrysene	14.19	228	274307	22.115	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.39	276	121838	11.337	ng	# 87
87) Benzo(b)fluoranthene	15.31	252	410942	36.626	ng	# 87
88) Benzo(k)fluoranthene	15.31	252	410942	39.843	ng	# 90
89) Benzo(a)pyrene	15.71	252	193702	19.279	ng	# 87
90) Dibenzo(a,h)anthracene	17.39	278	33284	4.004	ng	# 71
91) Benzo(g,h,i)perylene	17.88	276	121926	14.895	ng	# 90

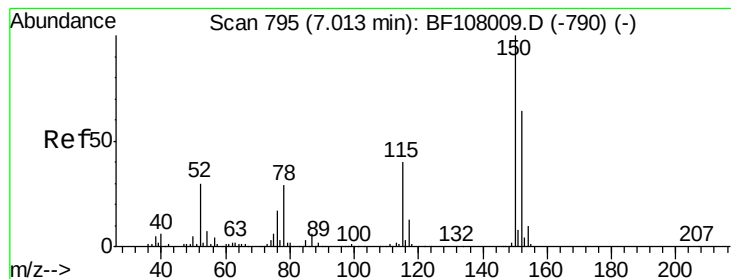
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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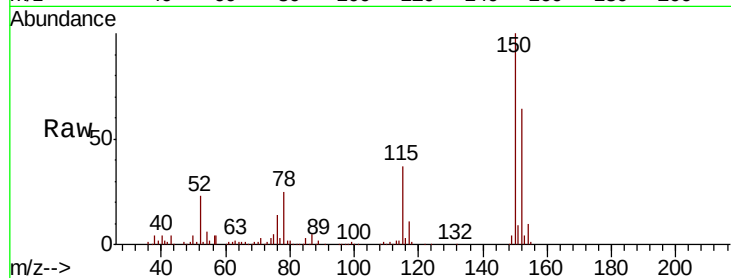


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	57.6	50.1	75.1

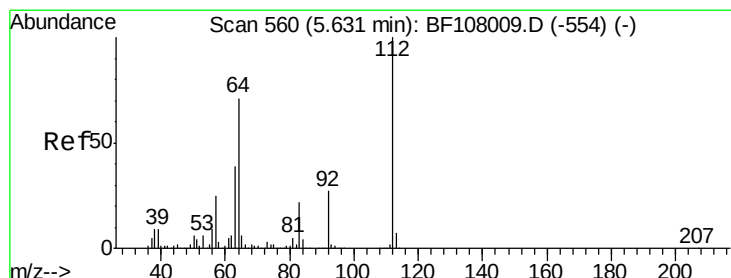
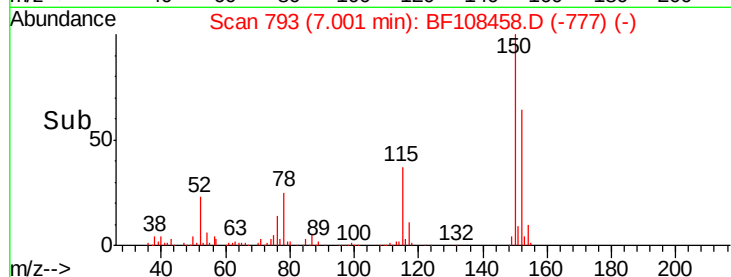
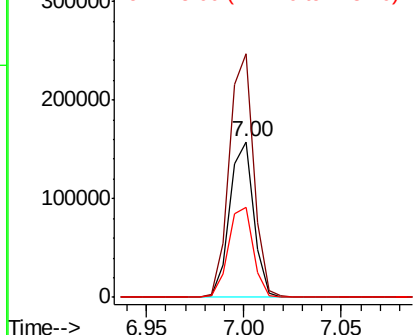


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

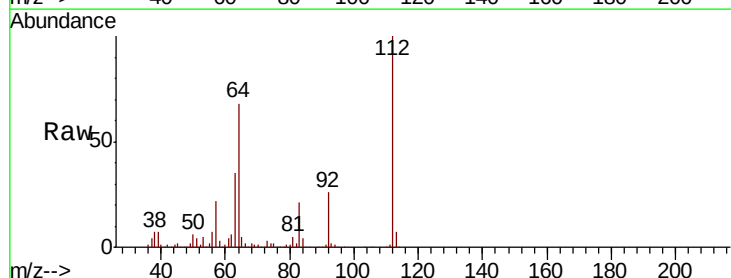
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.511 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	47.9	71.9
63	35.5	23.7	35.5

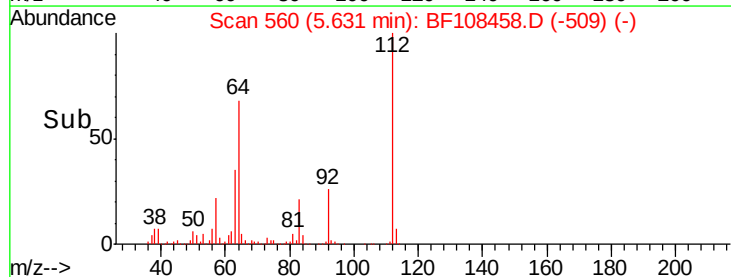
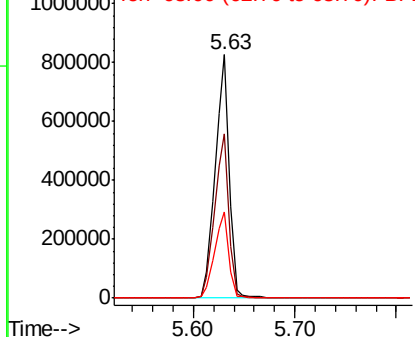


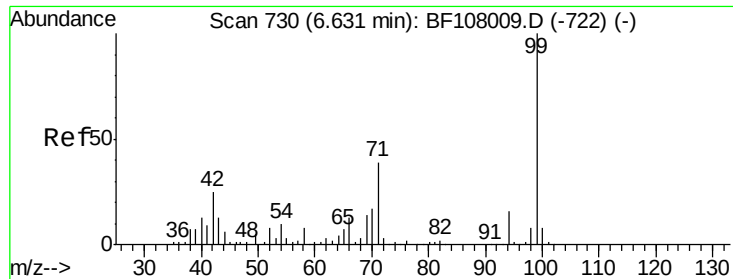
Abundance

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: 107.670 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108458.D

Acq: 24 Aug 2018 9:06

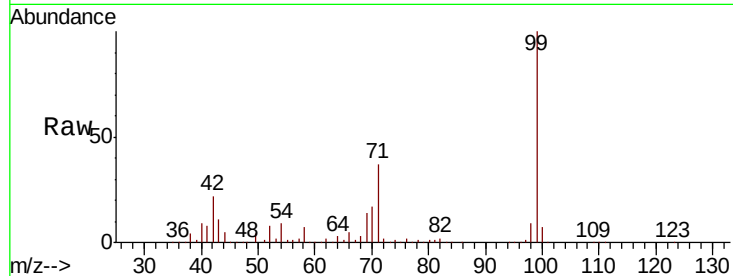
Instrument :

BNA_F

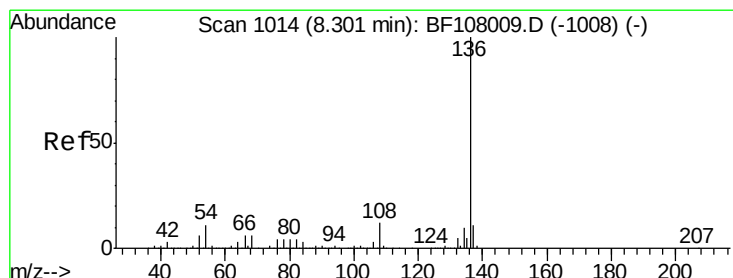
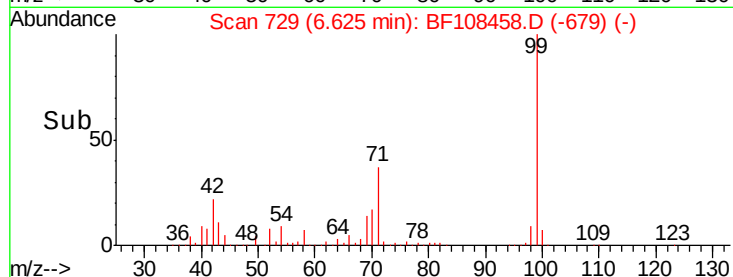
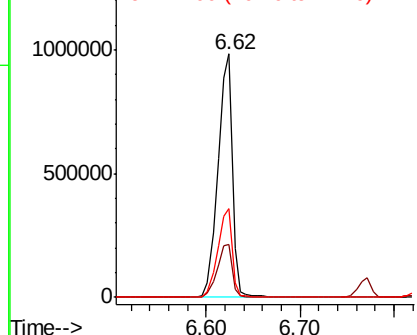
ClientSampled :

Tot Ion: 99 Resp: 1071763

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.5	21.7#
71	36.6	25.4	38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

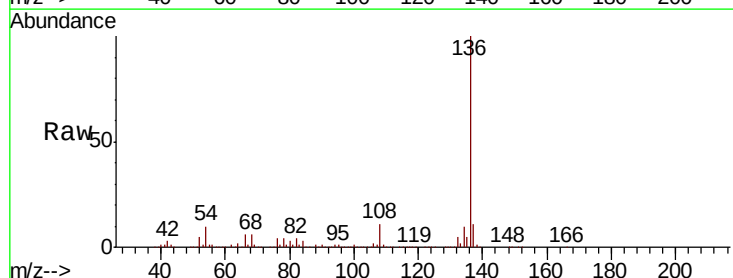
Delta R.T. -0.01 min

Lab File: BF108458.D

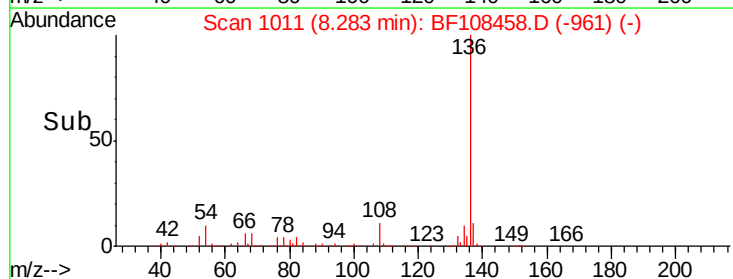
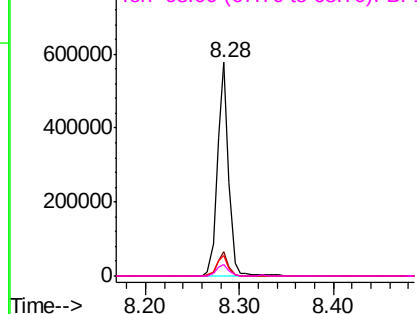
Acq: 24 Aug 2018 9:06

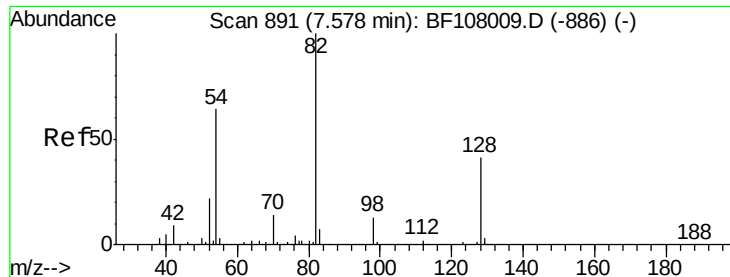
Tgt Ion: 136 Resp: 486598

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.6	6.6	9.8
68	5.7	5.0	7.4



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

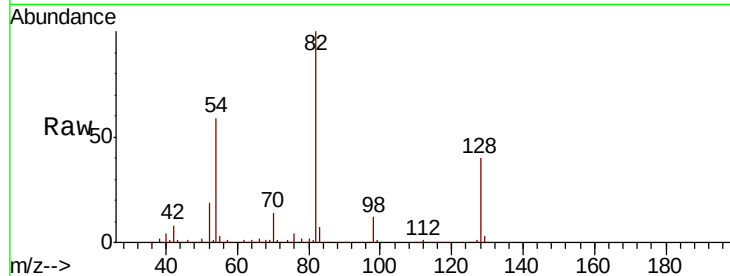




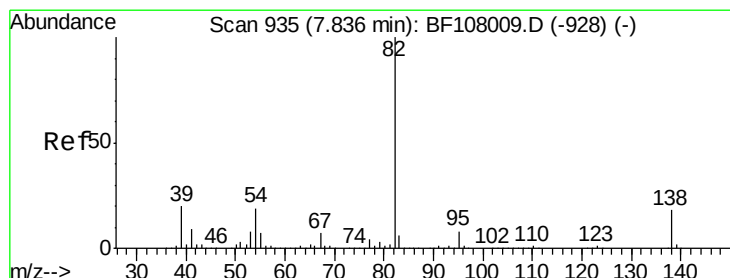
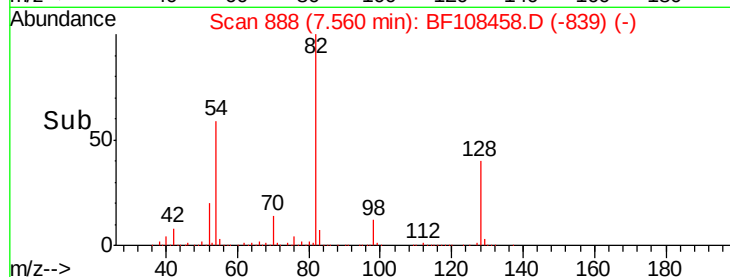
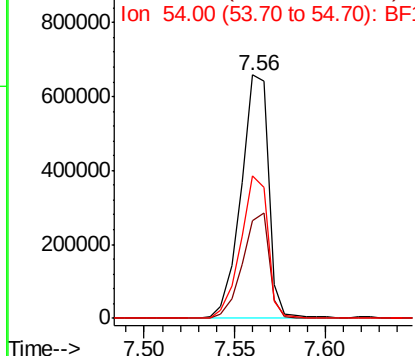
#23
Nitrobenzene-d5
Concen: 79.492 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	693180
Ion Ratio	Lower	Upper	
82	100		
128	40.2	36.1	54.1
54	58.7	41.4	62.2

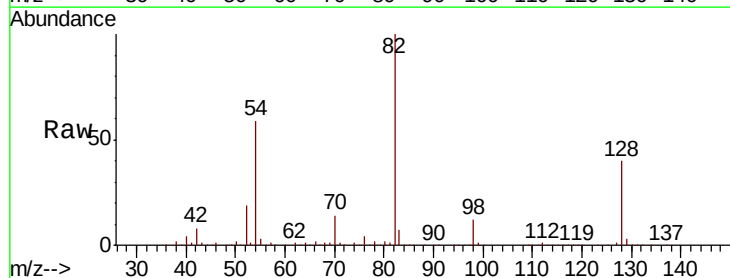


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

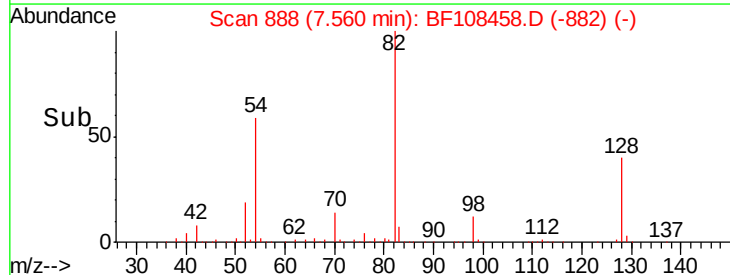
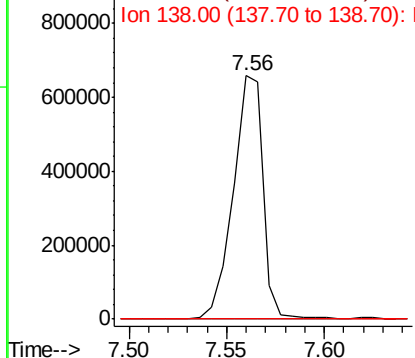


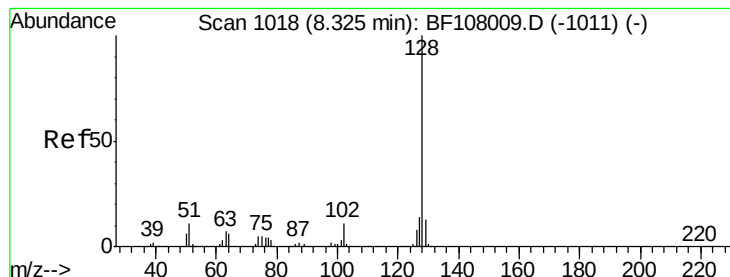
#25
Isophorone
Concen: 41.557 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion	82	Resp	690723
Ion Ratio	Lower	Upper	
82	100		
95	0.3	5.2	7.8#
138	0.0	14.9	22.3#



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: 4.044 ng

RT: 8.30 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF108458.D

Acq: 24 Aug 2018 9:06

Instrument :

BNA_F

ClientSampleId :

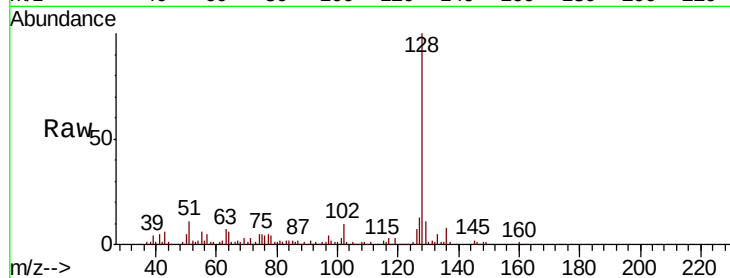
Tot Ion:128 Resp: 89491

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

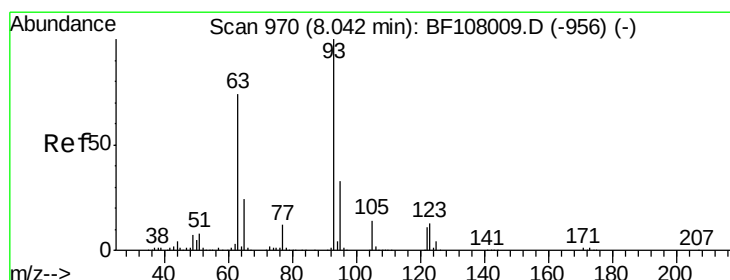
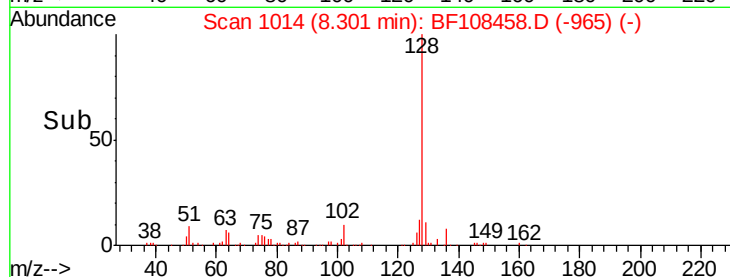
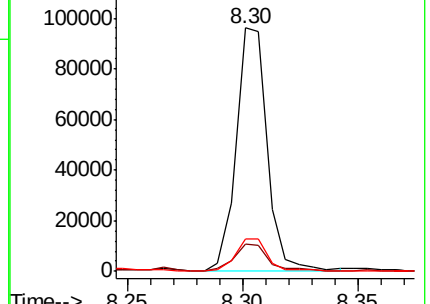
127 13.1 10.9 16.3



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



#32

Benzoic acid

Concen: 6.722 ng

RT: 8.06 min Scan# 973

Delta R.T. 0.02 min

Lab File: BF108458.D

Acq: 24 Aug 2018 9:06

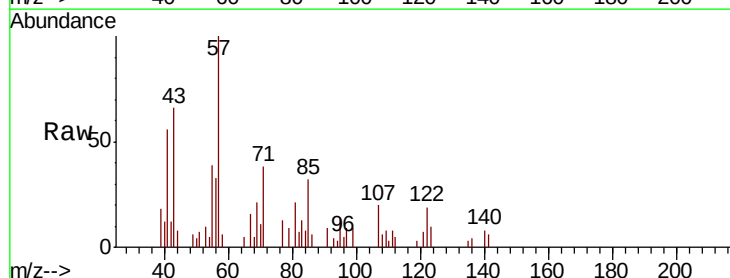
Tgt Ion:122 Resp: 3657

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

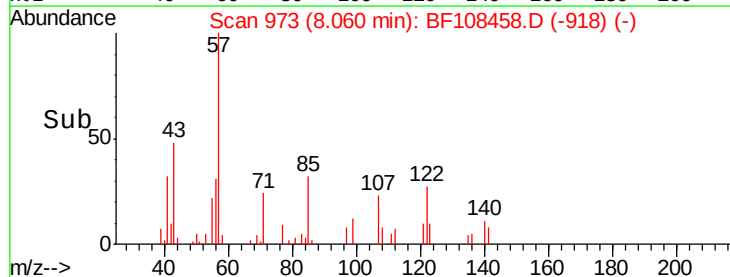
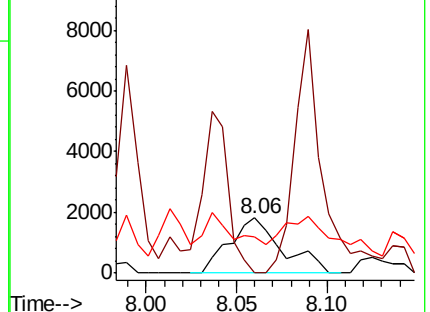
77 65.9 70.7 110.7#

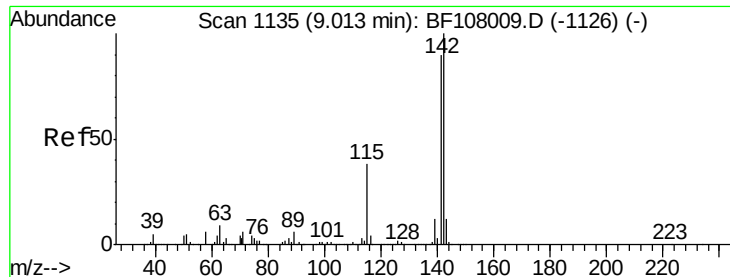


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

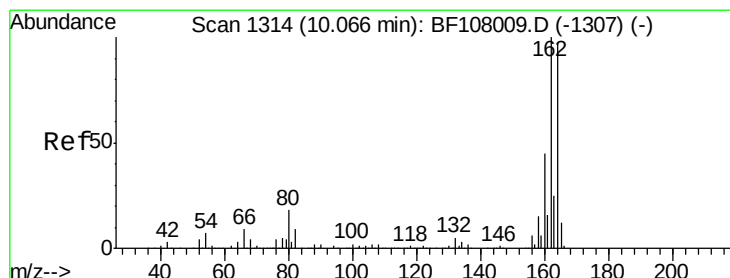
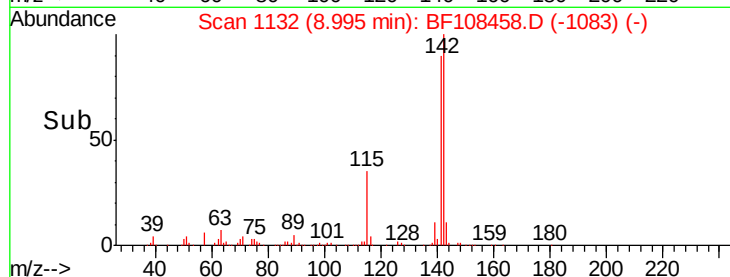
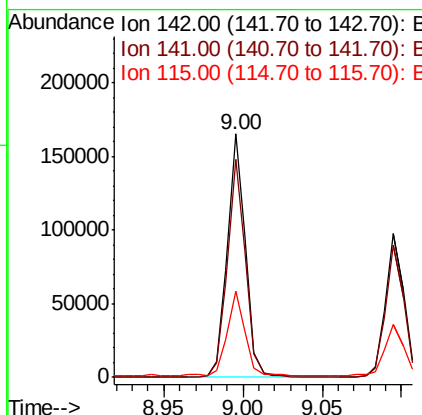
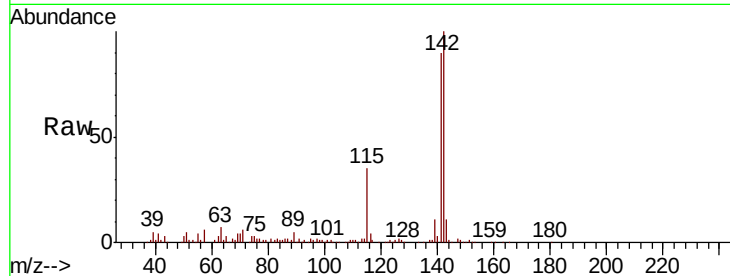




#37
2-Methylnaphthalene
Concen: 8.390 ng
RT: 9.00 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

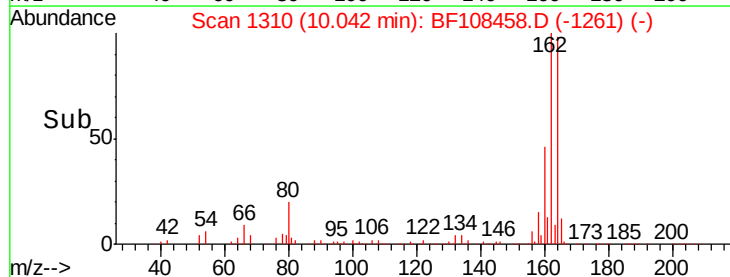
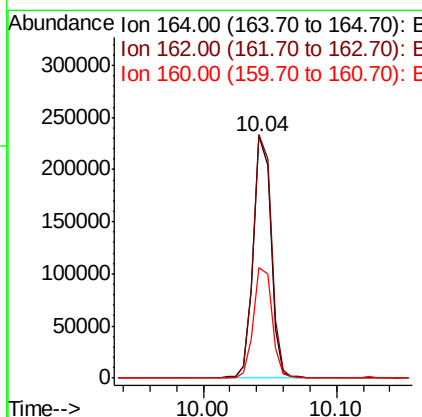
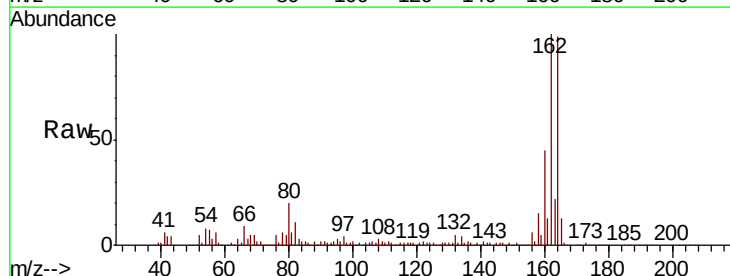
Instrument :
BNA_F
ClientSampleId :

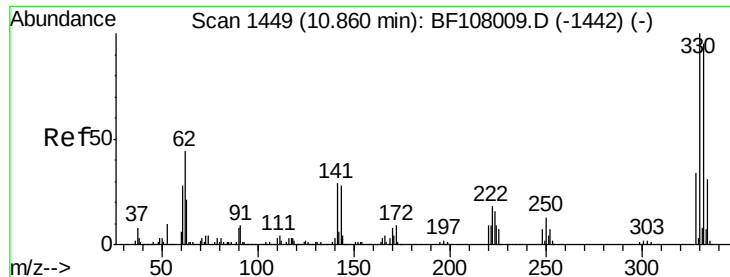
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	35.3	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	86.1	129.1
160	45.7	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 97.499 ng

RT: 10.84 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF108458.D

Acq: 24 Aug 2018 9:06

Instrument :

BNA_F

ClientSampleId :

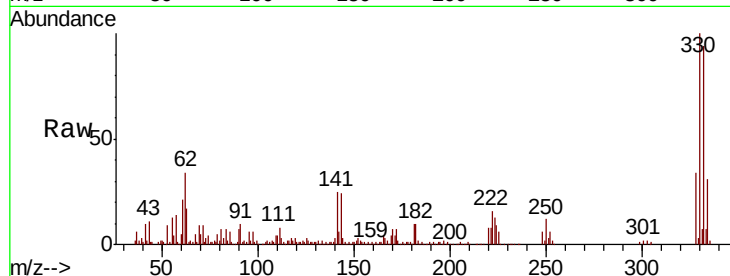
Tot Ion:330 Resp: 202871

Ion Ratio Lower Upper

330 100

332 94.4 77.0 115.6

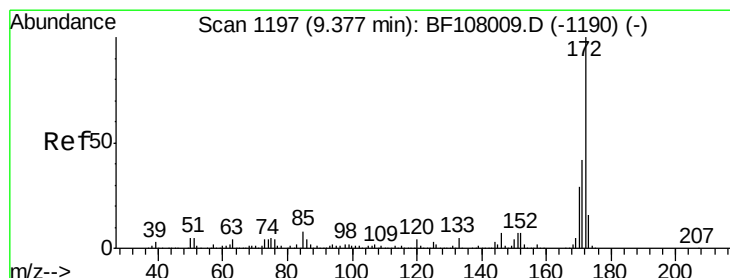
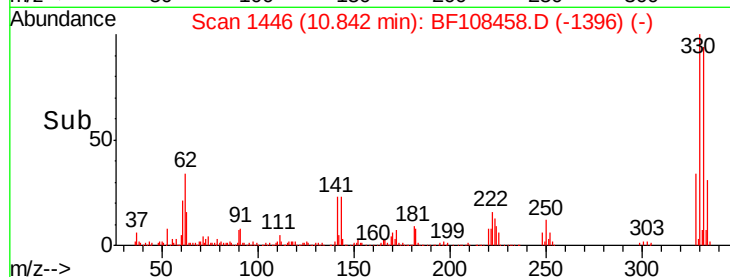
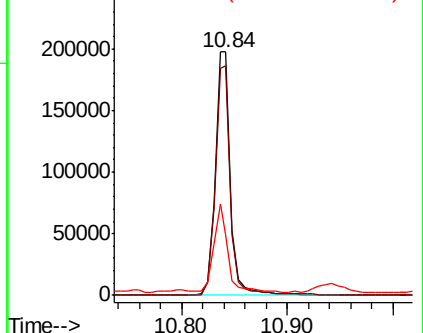
141 33.1 29.9 44.9



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



#44

2-Fluorobiphenyl

Concen: 90.398 ng

RT: 9.36 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF108458.D

Acq: 24 Aug 2018 9:06

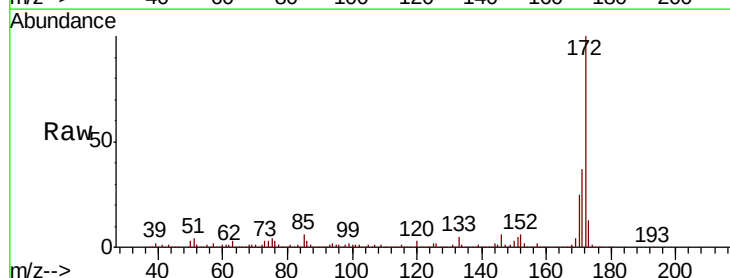
Tgt Ion:172 Resp: 1174563

Ion Ratio Lower Upper

172 100

171 36.6 29.7 44.5

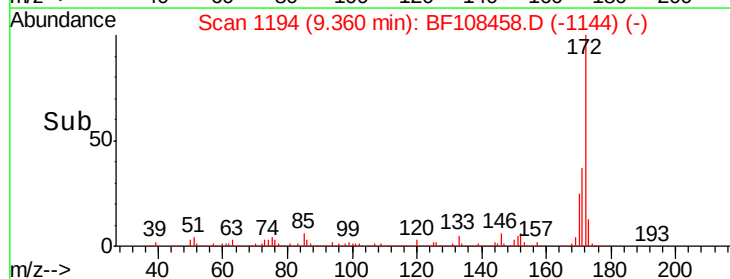
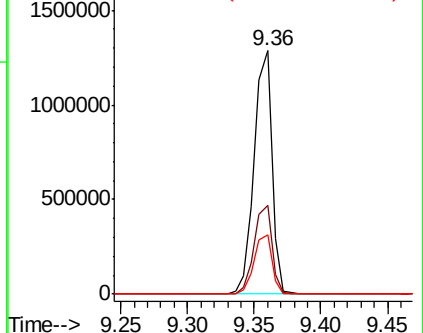
170 24.5 19.6 29.4

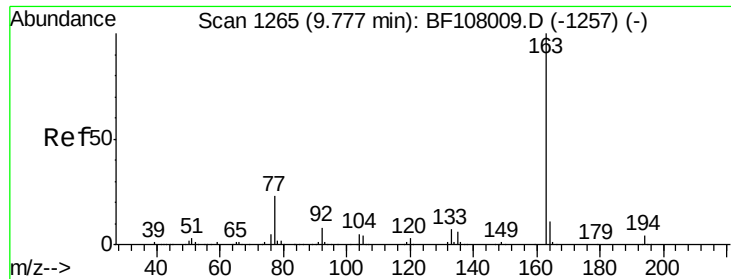


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

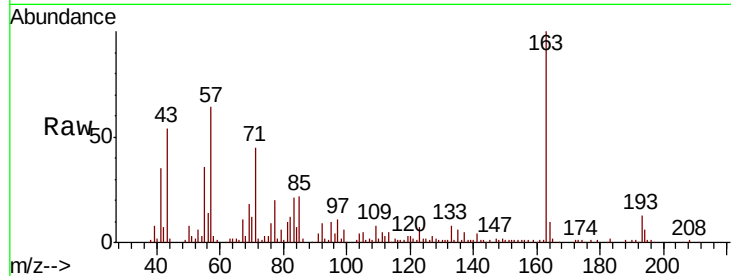




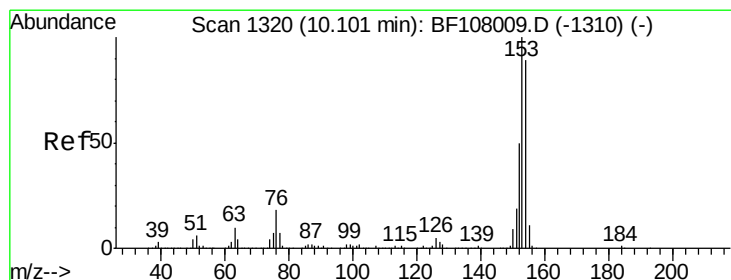
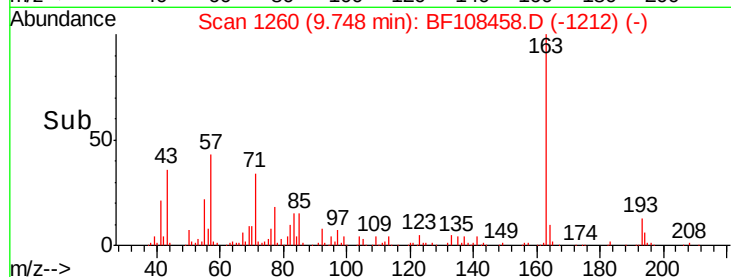
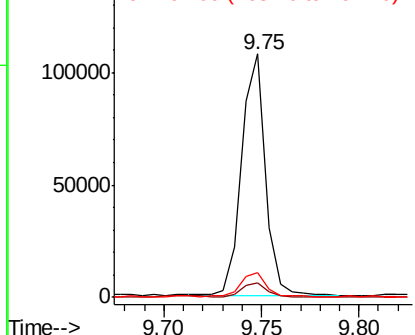
#49
Dimethylphthalate
Concen: 6.219 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 90363
Ion Ratio Lower Upper
163 100
194 6.0 2.7 4.1#
164 10.2 8.2 12.2

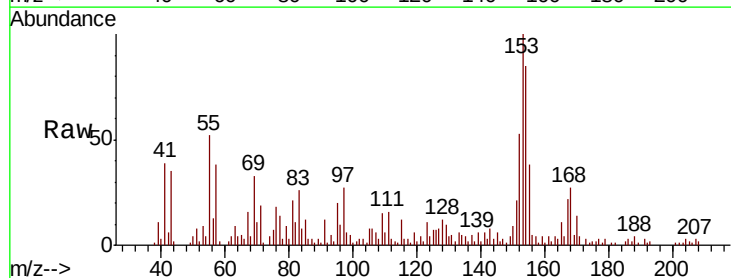


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

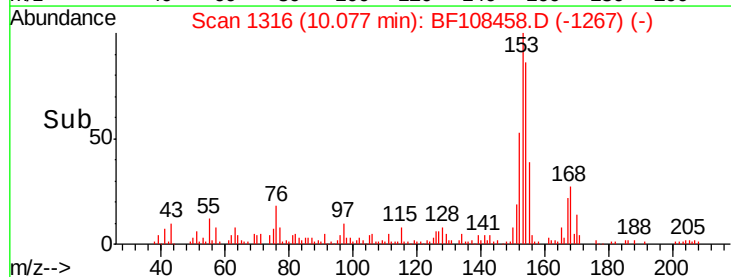
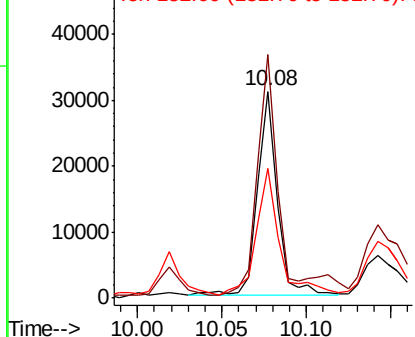


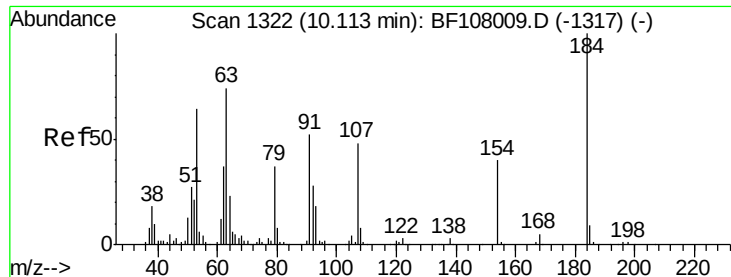
#51
Acenaphthene
Concen: 2.148 ng
RT: 10.08 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion:154 Resp: 25281
Ion Ratio Lower Upper
154 100
153 117.6 91.2 136.8
152 62.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

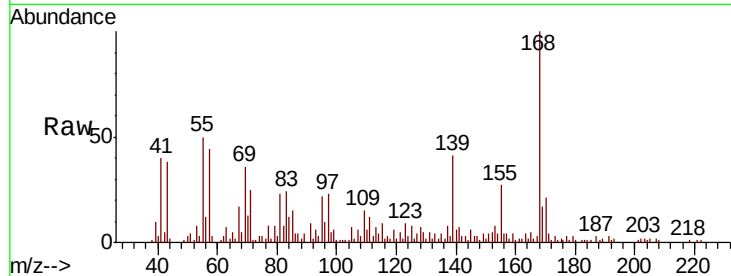




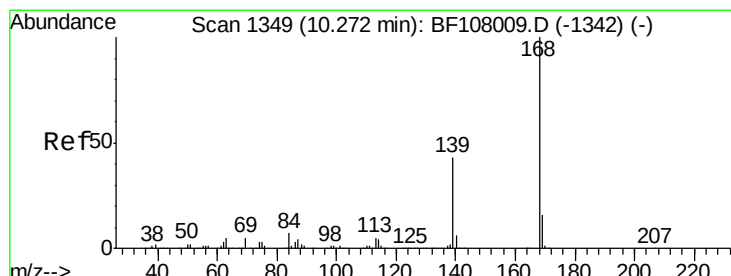
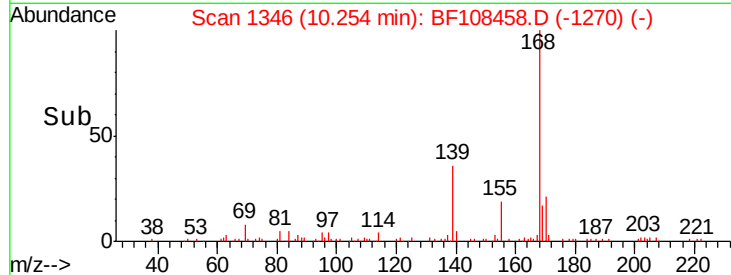
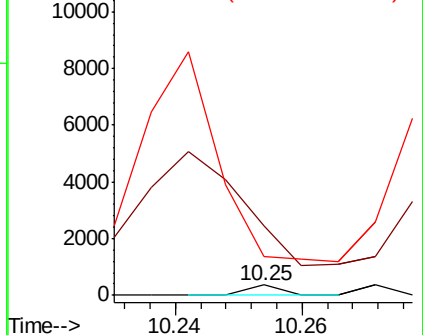
#53
 2,4-Dinitrophenol
 Concen: 7.127 ng
 RT: 10.25 min Scan# 1346
 Delta R.T. 0.15 min
 Lab File: BF108458.D
 Acq: 24 Aug 2018 9:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 132
 Ion Ratio Lower Upper
 184 100
 63 656.6 54.2 81.2#
 154 370.5 184.0 276.0#

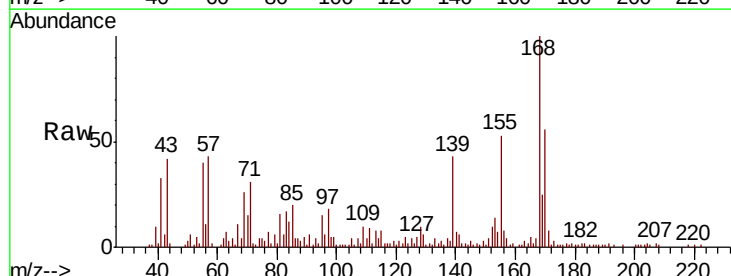


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

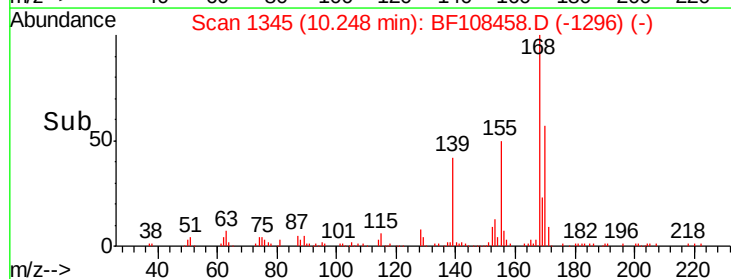
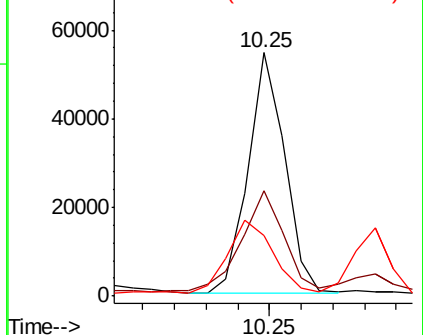


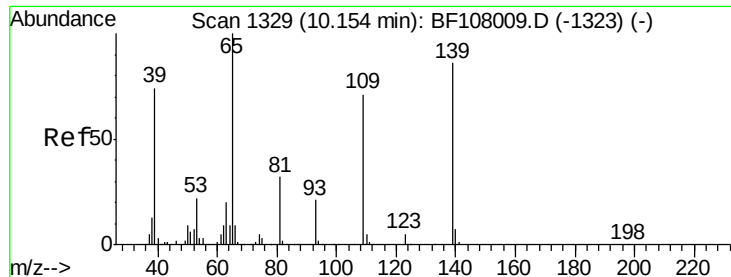
#54
 Dibenzofuran
 Concen: 2.569 ng
 RT: 10.25 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF108458.D
 Acq: 24 Aug 2018 9:06

Tgt Ion:168 Resp: 43806
 Ion Ratio Lower Upper
 168 100
 139 43.1 30.1 45.1
 169 25.0 10.9 16.3#



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

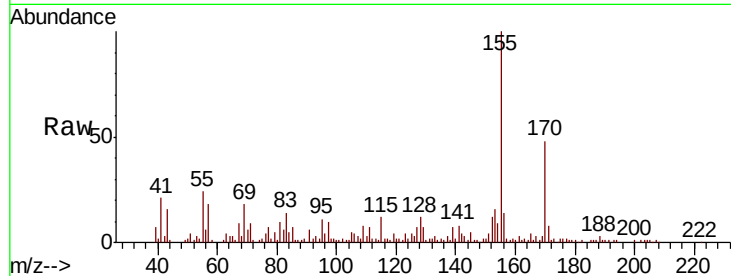




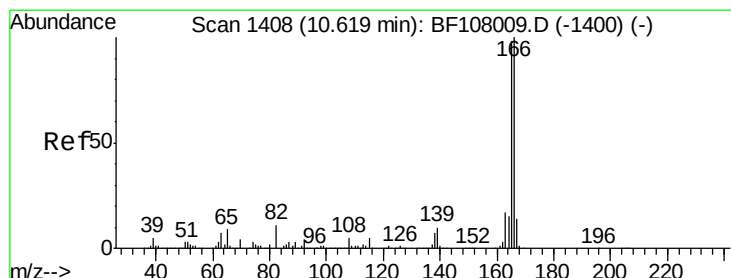
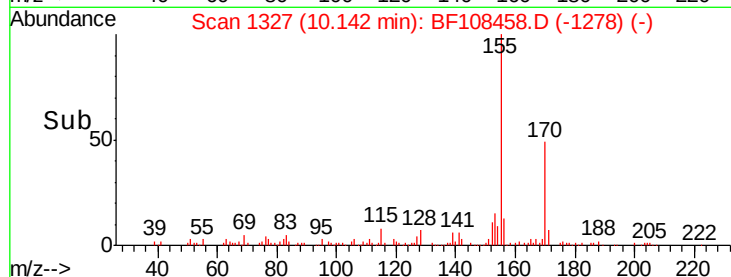
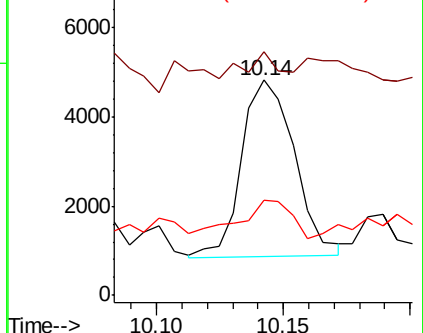
#55
4-Nitrophenol
Concen: 2.270 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 5717
Ion Ratio Lower Upper
139 100
109 113.1 48.4 88.4#
65 44.2 72.6 112.6#

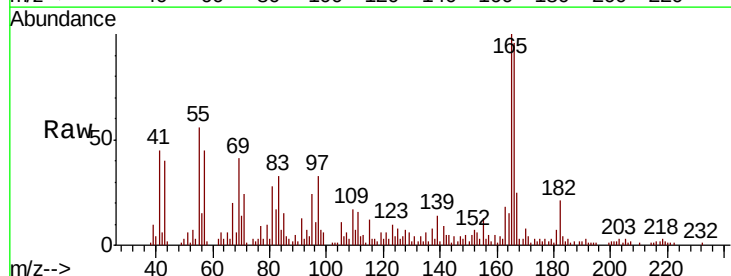


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

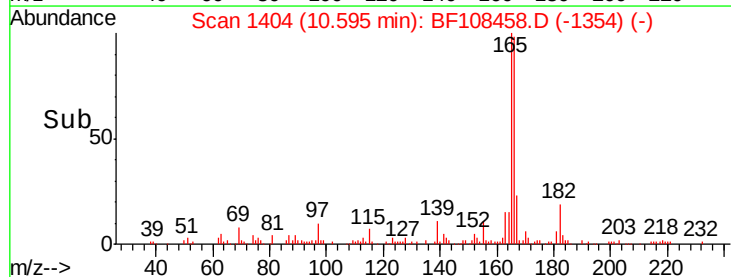
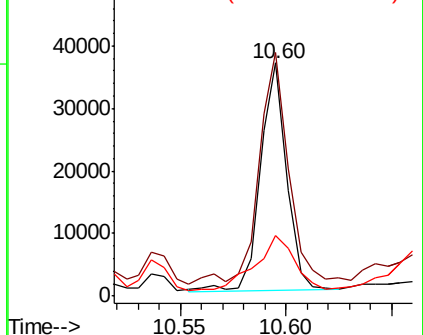


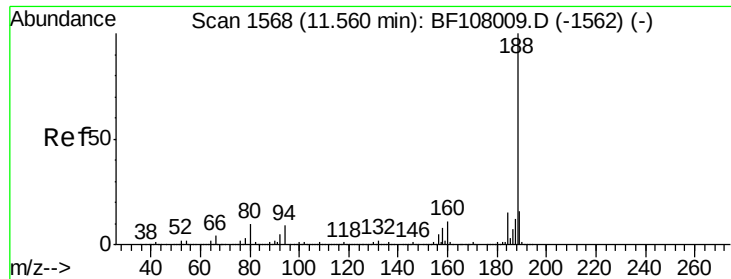
#57
Fluorene
Concen: 2.328 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion:166 Resp: 31421
Ion Ratio Lower Upper
166 100
165 104.6 79.8 119.8
167 25.8 10.6 16.0#



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.54 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF108458.D

Acq: 24 Aug 2018 9:06

Instrument :

BNA_F

ClientSampleId :

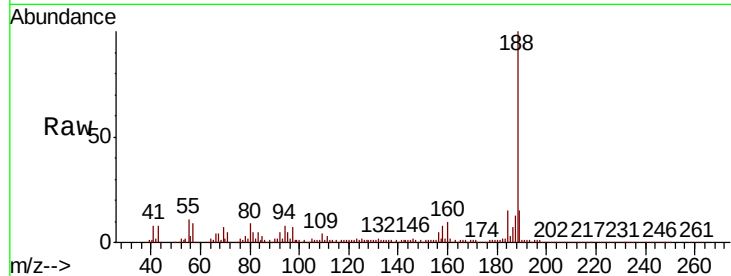
Tot Ion:188 Resp: 313588

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

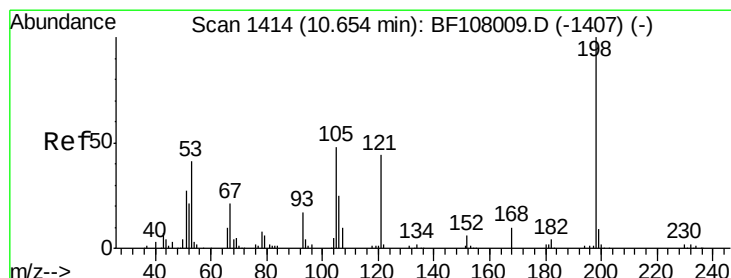
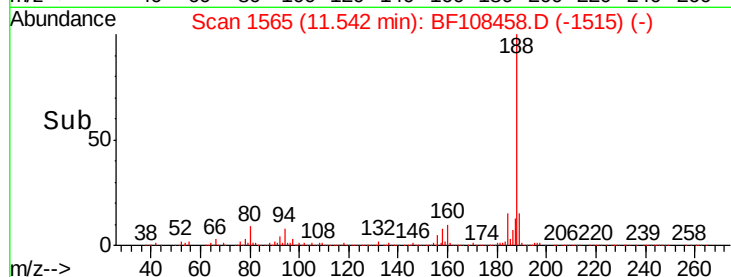
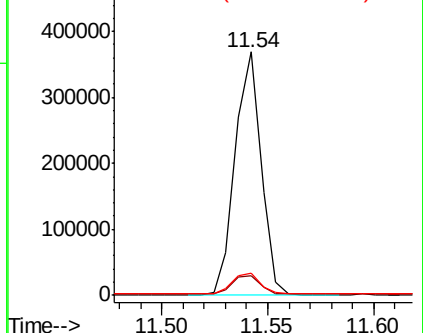
80 9.1 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 5.493 ng

RT: 10.66 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BF108458.D

Acq: 24 Aug 2018 9:06

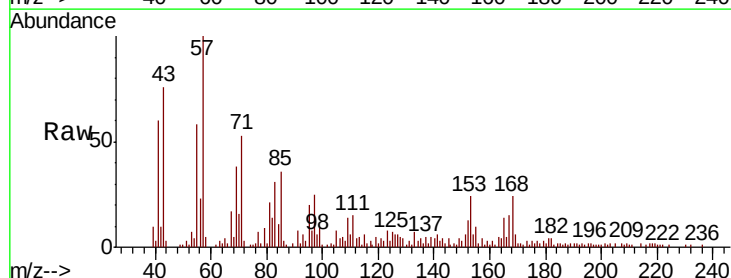
Tgt Ion:198 Resp: 178

Ion Ratio Lower Upper

198 100

51 257.9 37.7 77.7#

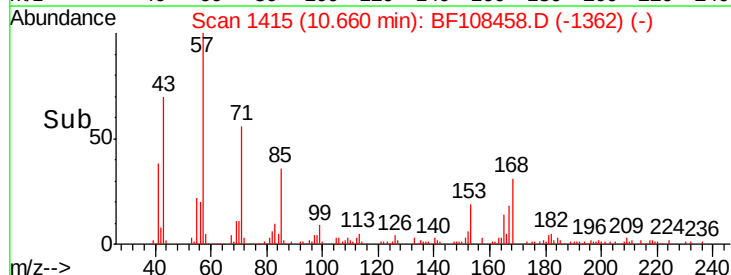
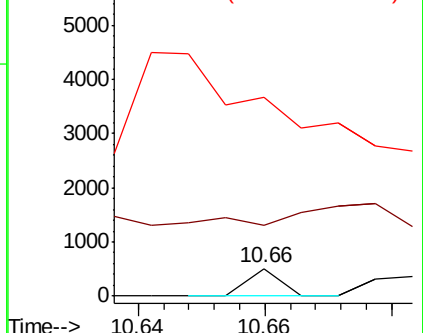
105 727.8 36.3 76.3#

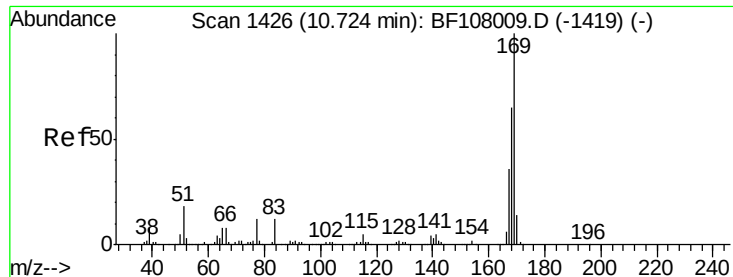


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

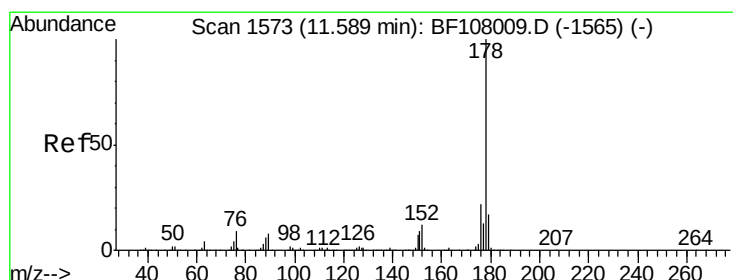
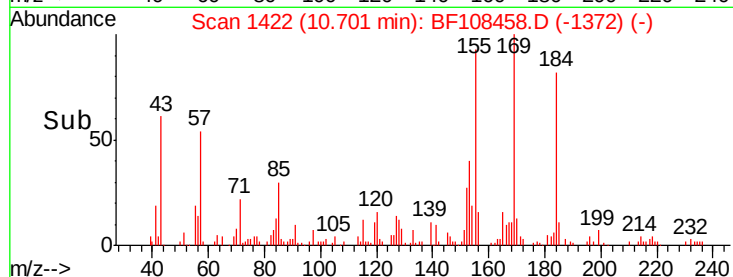
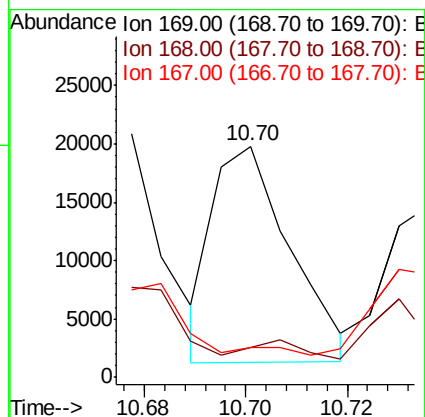
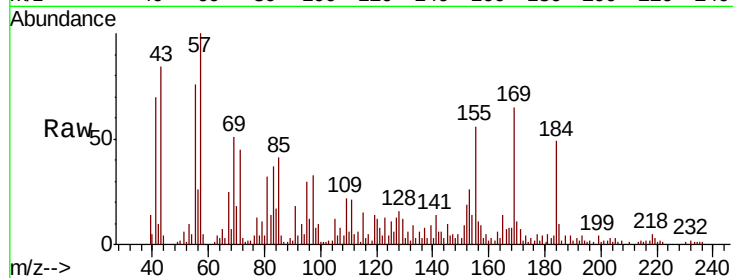




#65
 n-Nitrosodiphenylamine
 Concen: 2.111 ng
 RT: 10.70 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF108458.D
 Acq: 24 Aug 2018 9:06

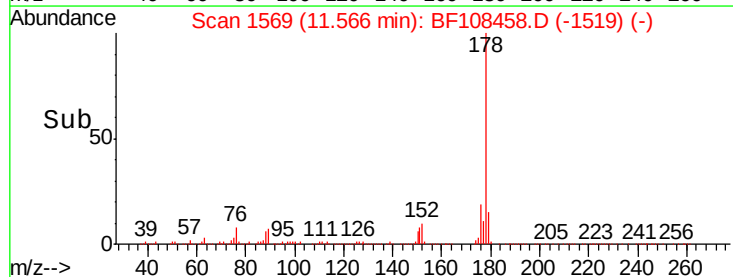
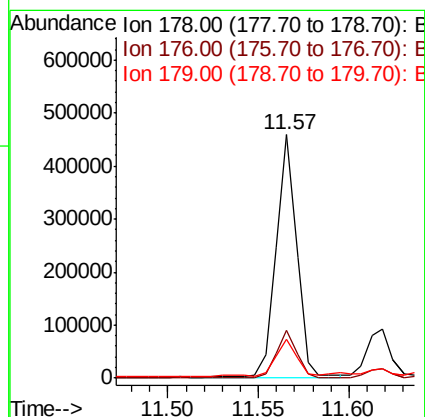
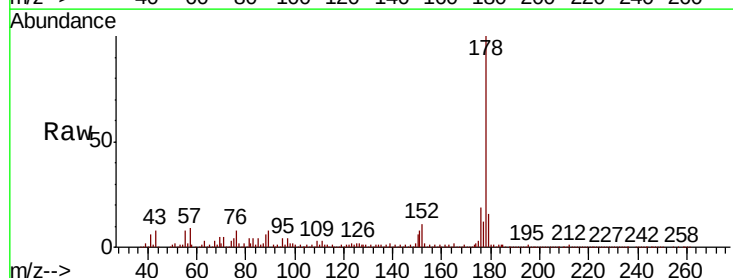
Instrument :
 BNA_F
 ClientSampled :

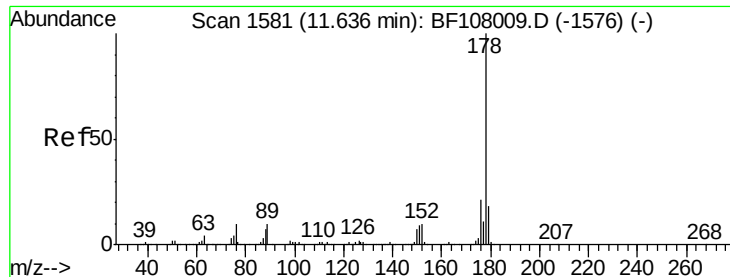
Tot Ion:169 Resp: 19559
 Ion Ratio Lower Upper
 169 100
 168 12.8 54.4 81.6#
 167 12.8 29.8 44.6#



#70
 Phenanthrene
 Concen: 24.324 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108458.D
 Acq: 24 Aug 2018 9:06

Tgt Ion:178 Resp: 359776
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.9 13.0 19.6

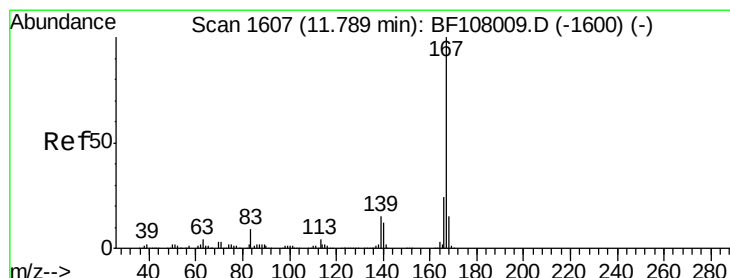
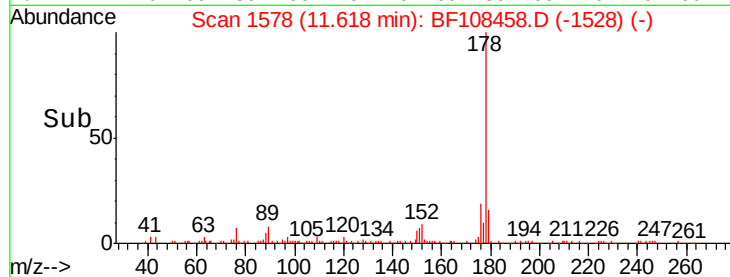
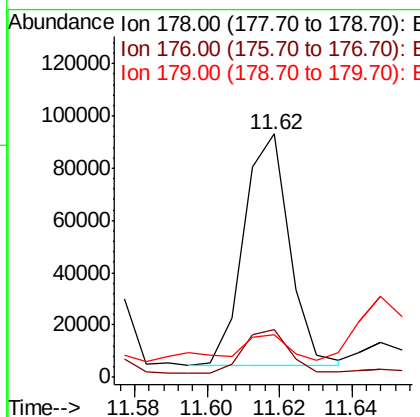
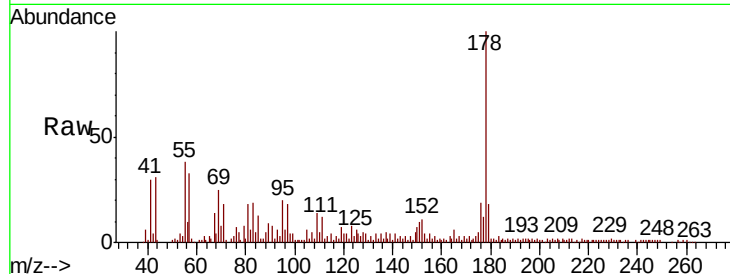




#71
 Anthracene
 Concen: 5.049 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108458.D
 Acq: 24 Aug 2018 9:06

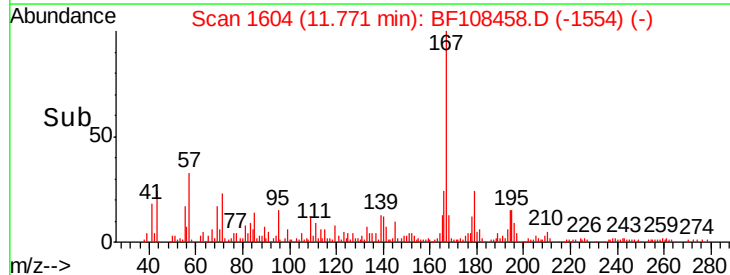
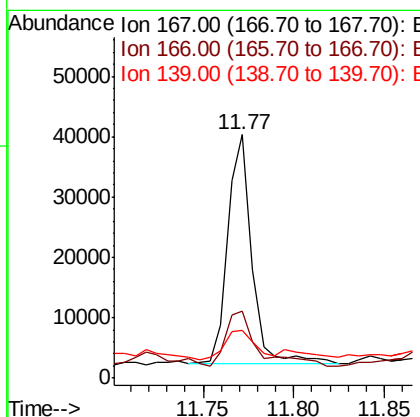
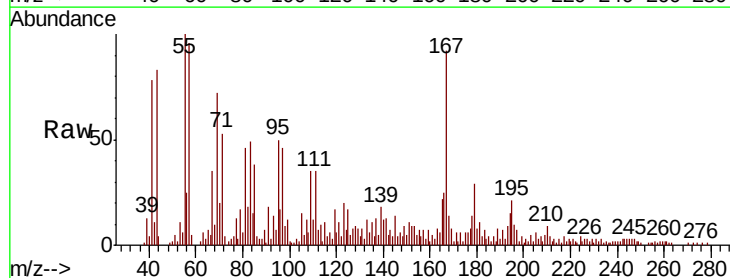
Instrument :
 BNA_F
 ClientSampleId :

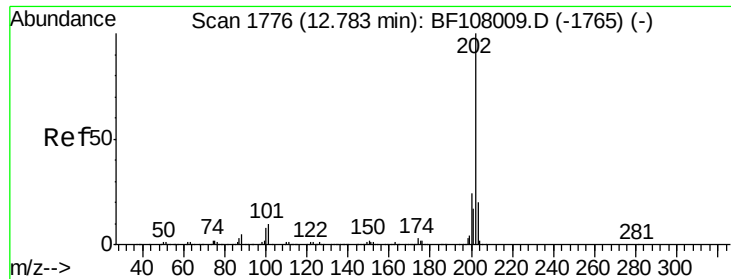
Tot Ion:178 Resp: 76542
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 17.7 12.6 19.0



#72
 Carbazole
 Concen: 2.598 ng
 RT: 11.77 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF108458.D
 Acq: 24 Aug 2018 9:06

Tgt Ion:167 Resp: 34991
 Ion Ratio Lower Upper
 167 100
 166 27.4 17.6 26.4#
 139 19.6 10.9 16.3#





#74

Fluoranthene

Concen: 31.888 ng

RT: 12.77 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BF108458.D

Acq: 24 Aug 2018 9:06

Instrument :

BNA_F

ClientSampleId :

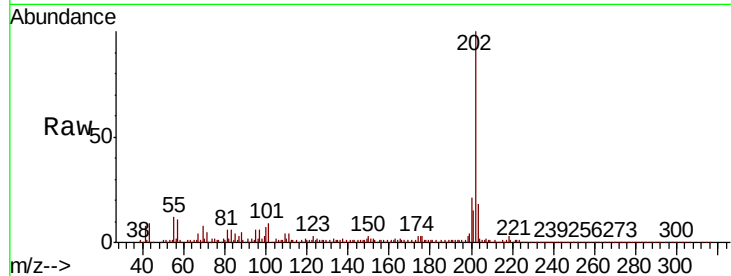
Tot Ion:202 Resp: 514741

Ion Ratio Lower Upper

202 100

101 9.2 0.0 34.1

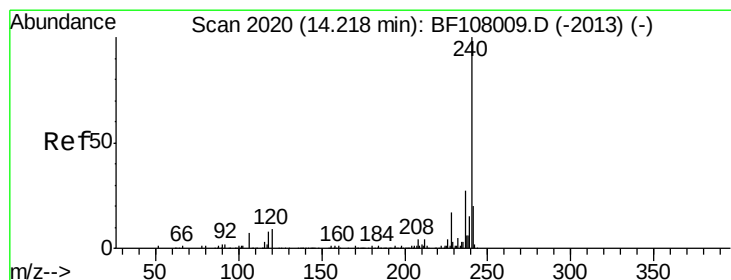
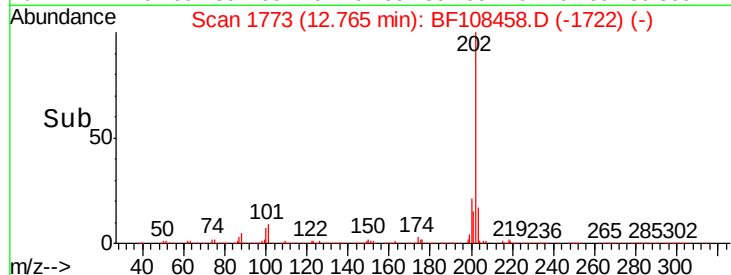
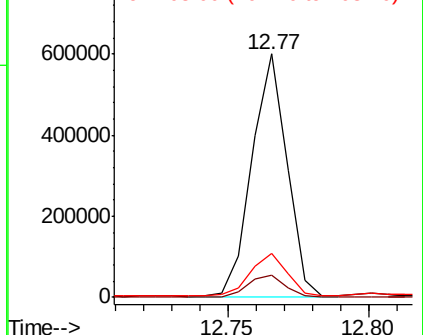
203 17.9 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF108458.D

Acq: 24 Aug 2018 9:06

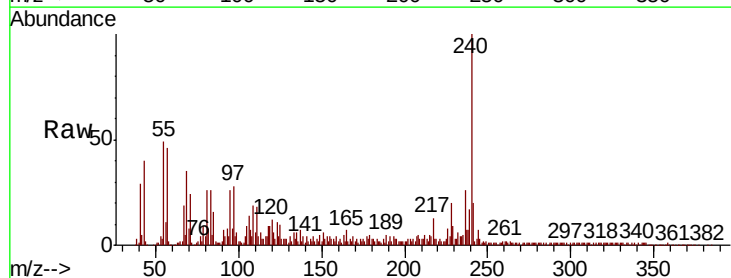
Tgt Ion:240 Resp: 235742

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

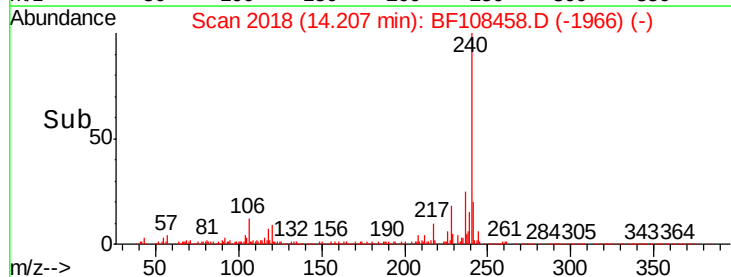
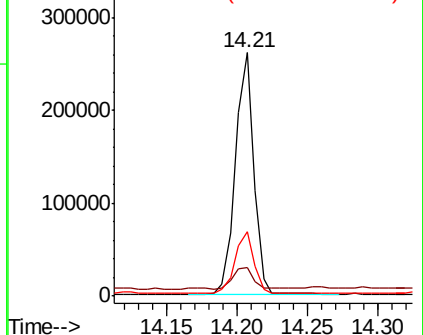
236 26.4 20.7 31.1

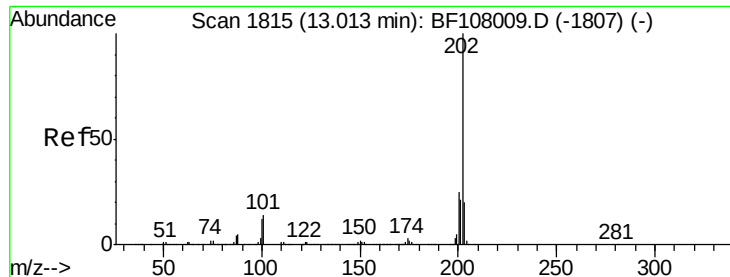


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 32.050 ng

RT: 13.00 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF108458.D

Acq: 24 Aug 2018 9:06

Instrument :

BNA_F

ClientSampleId :

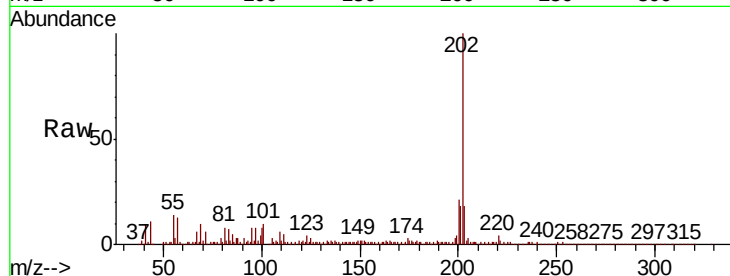
Tot Ion:202 Resp: 478346

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

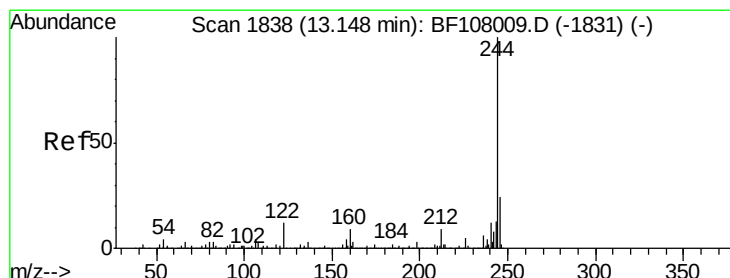
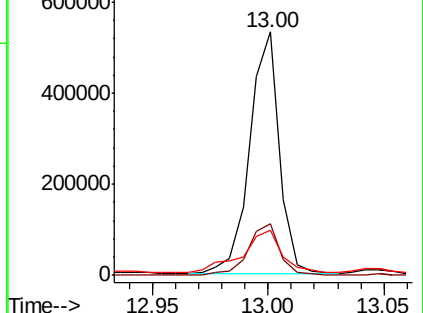
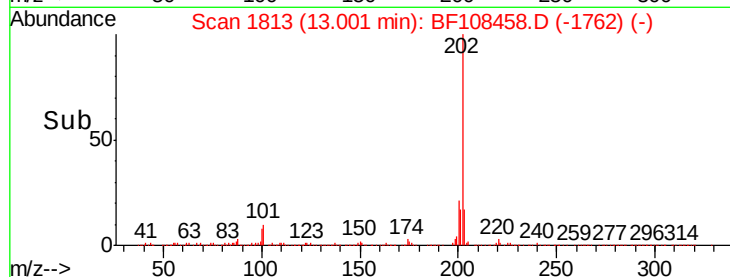
203 18.4 14.3 21.5



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



#78

Terphenyl-d14

Concen: 88.686 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF108458.D

Acq: 24 Aug 2018 9:06

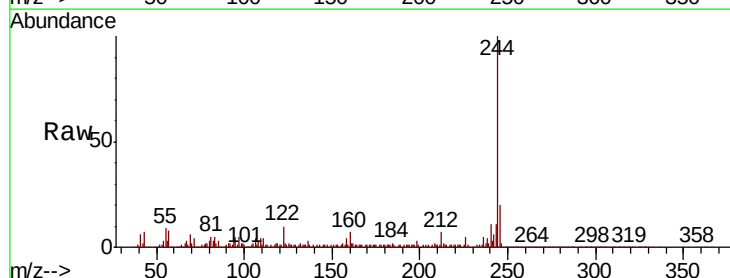
Tgt Ion:244 Resp: 822276

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

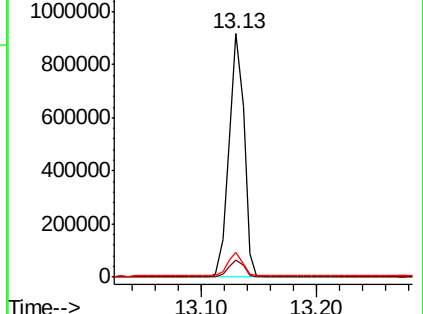
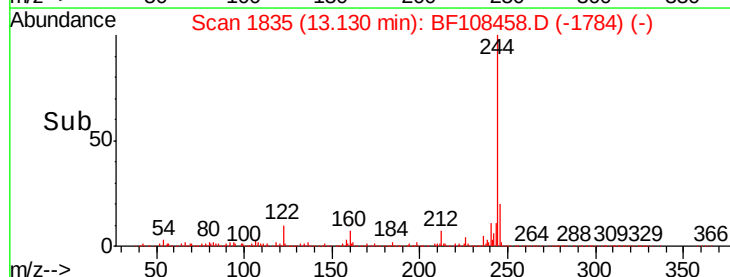
122 10.4 11.0 16.4#

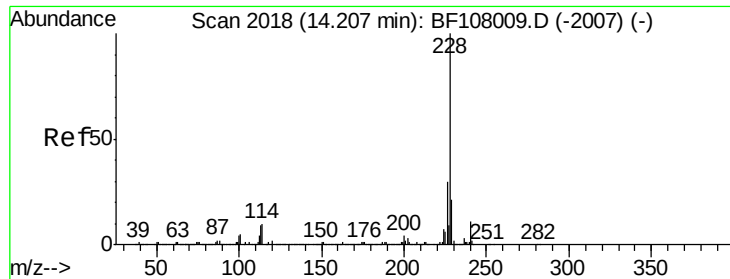


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 20.275 ng

RT: 14.19 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF108458.D

Acq: 24 Aug 2018 9:06

Instrument :

BNA_F

ClientSampleId :

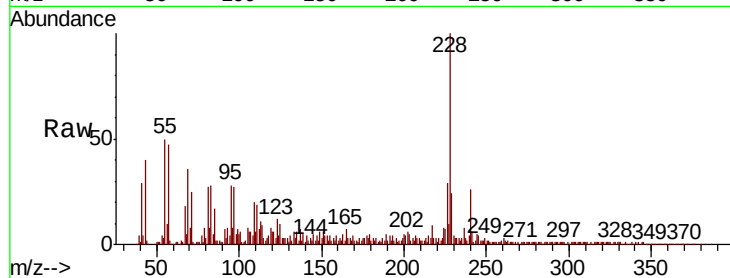
Tot Ion:228 Resp: 274307

Ion Ratio Lower Upper

228 100

226 28.8 22.6 33.8

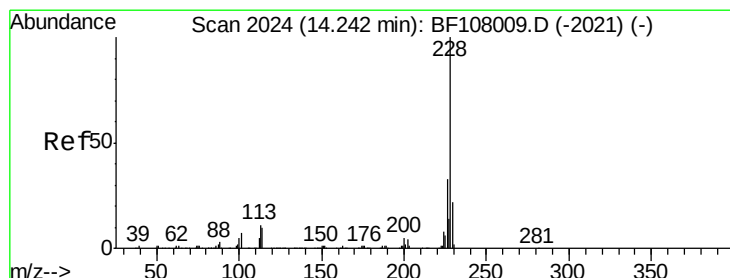
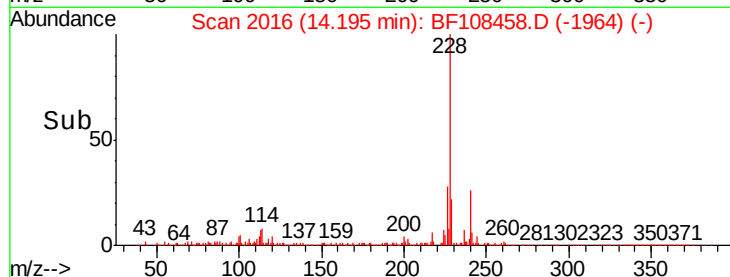
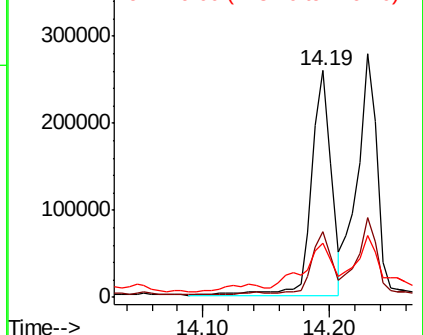
229 24.2 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 22.115 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.04 min

Lab File: BF108458.D

Acq: 24 Aug 2018 9:06

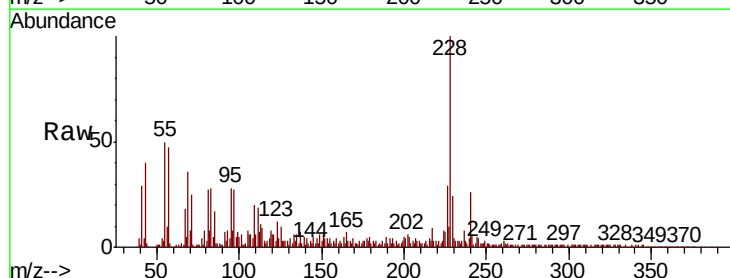
Tgt Ion:228 Resp: 274307

Ion Ratio Lower Upper

228 100

226 28.8 25.0 37.6

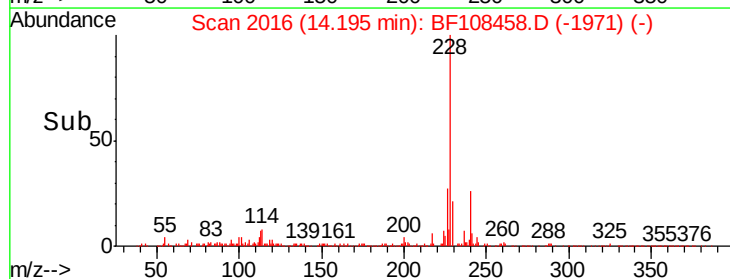
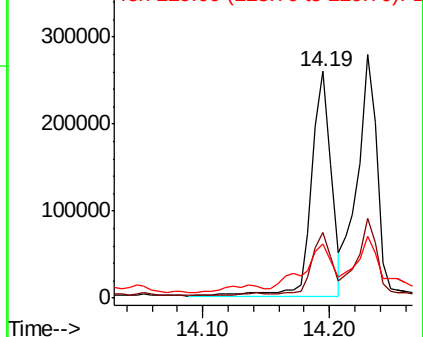
229 24.2 16.2 24.4

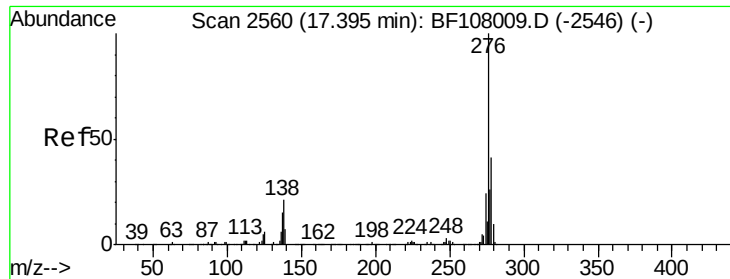


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

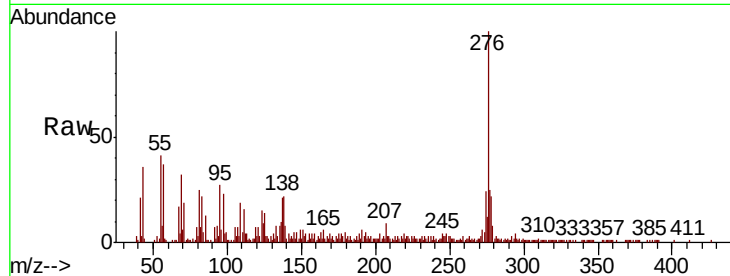




#85
Indeno(1,2,3-cd)pyrene
Concen: 11.337 ng
RT: 17.39 min Scan# 2559
Delta R.T. 0.02 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.3	25.0	37.6#
277	24.9	20.1	30.1

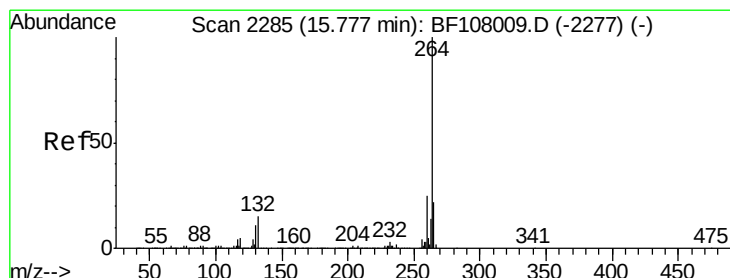
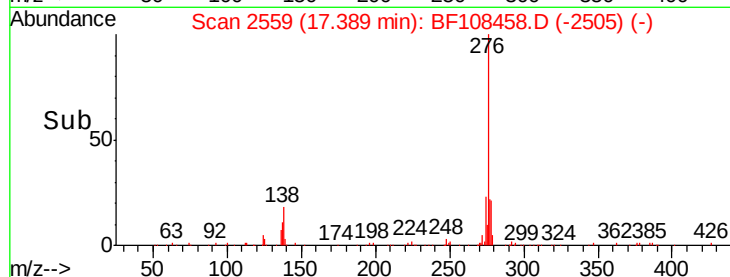
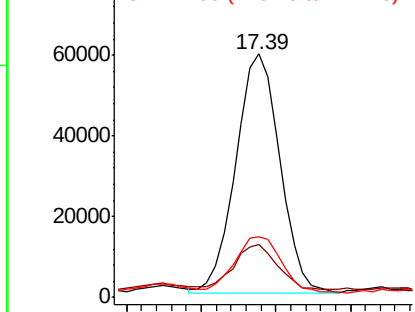


Abundance

Ion 276.00 (275.70 to 276.70): E

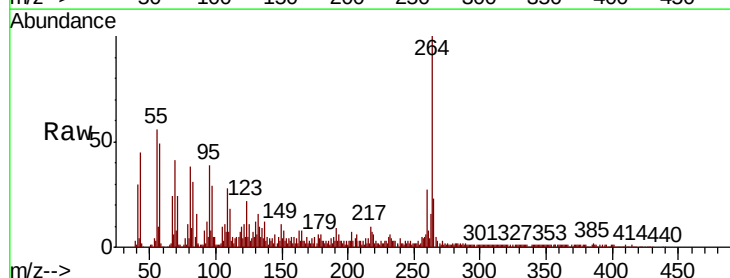
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2285
Delta R.T. 0.02 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.9	19.2	28.8
265	23.3	17.5	26.3

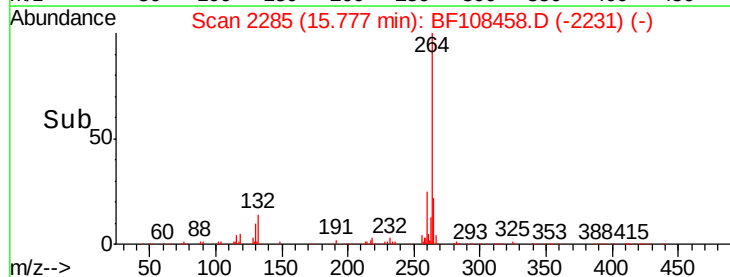
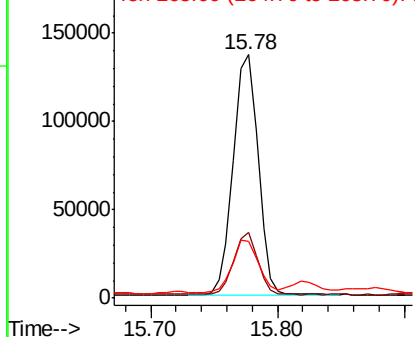


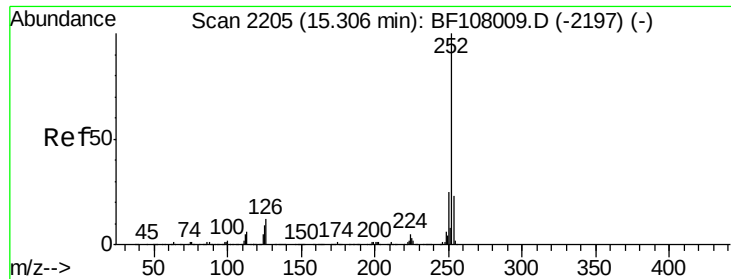
Abundance

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

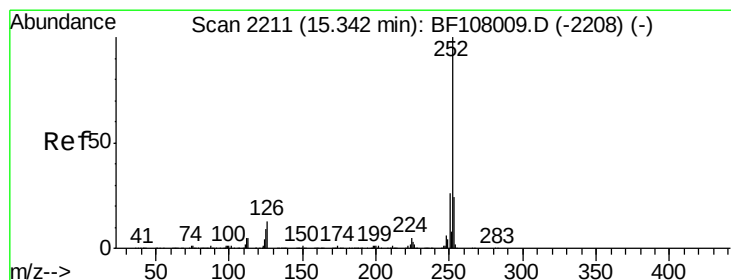
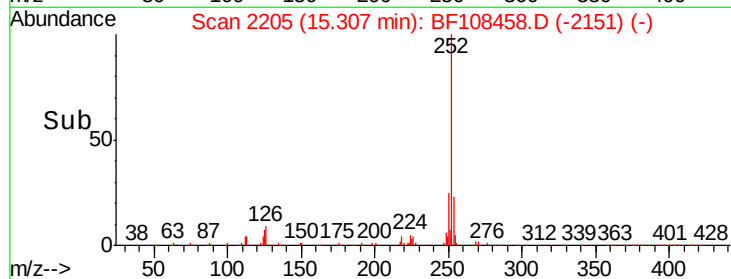
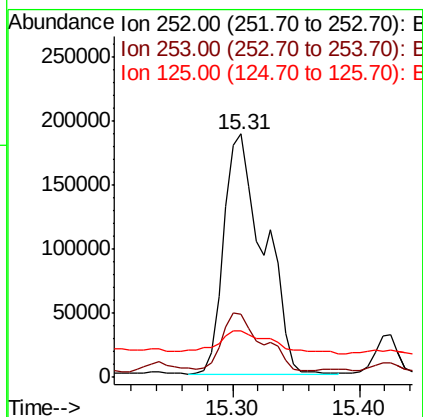
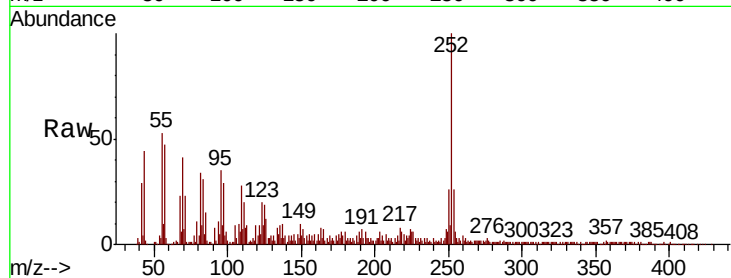




#87
Benzo(b)fluoranthene
Concen: 36.626 ng
RT: 15.31 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

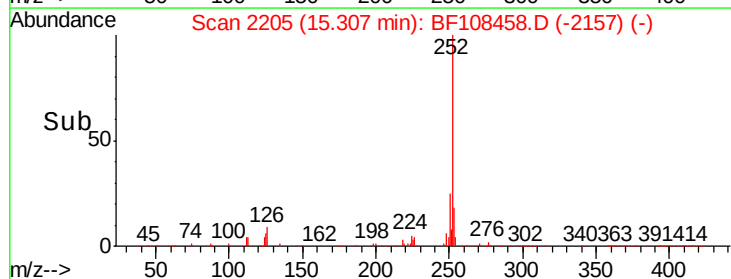
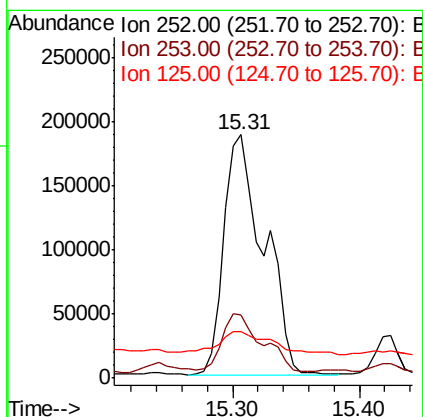
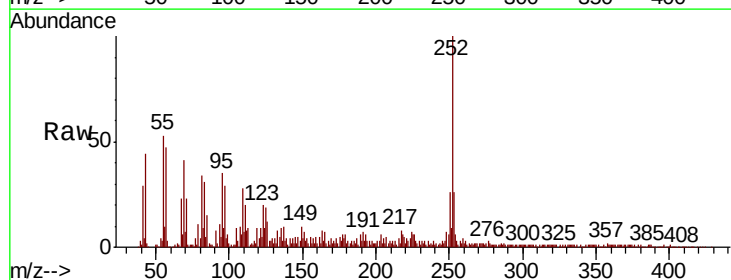
Instrument :
BNA_F
ClientSampleId :

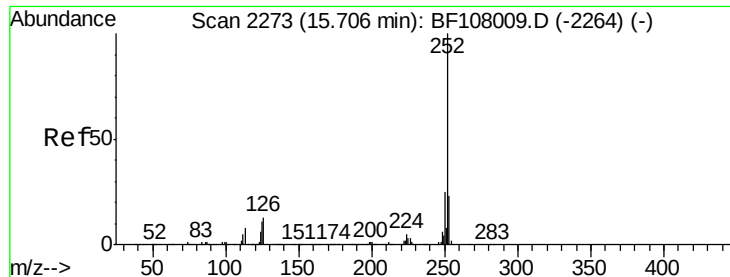
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.0	25.6#
125	19.0	9.0	13.6#



#88
Benzo(k)fluoranthene
Concen: 39.843 ng
RT: 15.31 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.9	26.9
125	19.0	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 19.279 ng

RT: 15.71 min Scan# 2273

Delta R.T. 0.02 min

Lab File: BF108458.D

Acq: 24 Aug 2018 9:06

Instrument :

BNA_F

ClientSampleId :

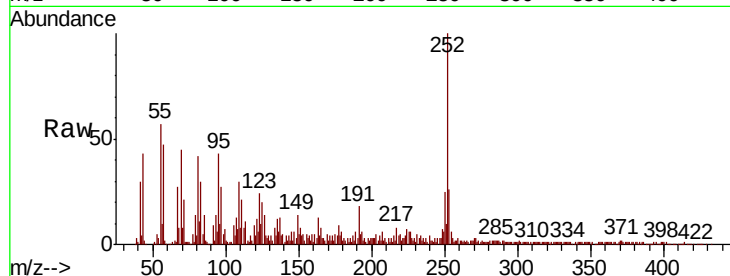
Tot Ion:252 Resp: 193702

Ion Ratio Lower Upper

252 100

253 25.7 17.1 25.7#

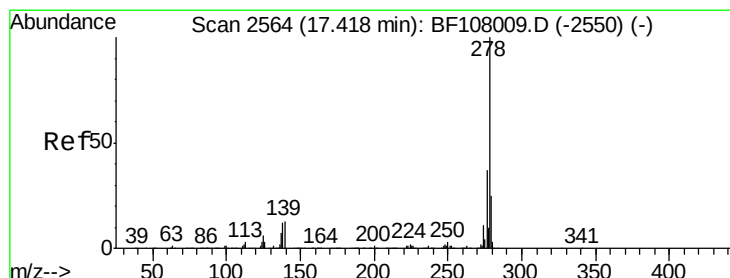
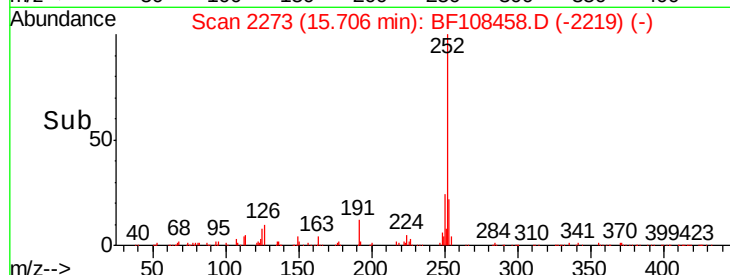
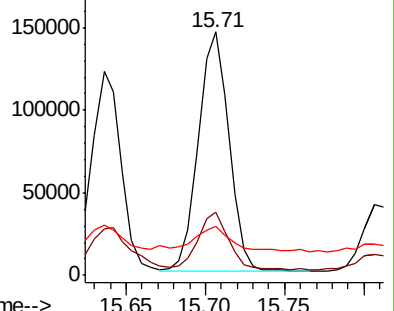
125 20.3 9.8 14.6#



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

Dibenzo(a,h)anthracene

Concen: 4.004 ng

RT: 17.39 min Scan# 2560

Delta R.T. 0.01 min

Lab File: BF108458.D

Acq: 24 Aug 2018 9:06

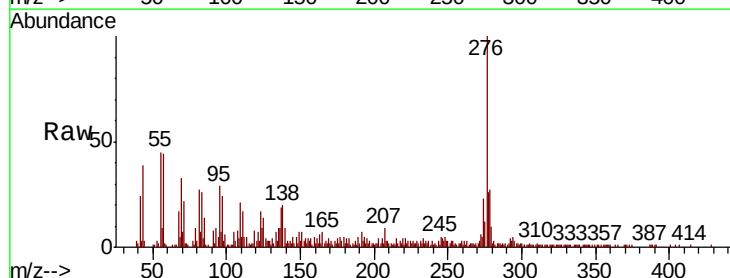
Tgt Ion:278 Resp: 33284

Ion Ratio Lower Upper

278 100

139 32.0 15.9 23.9#

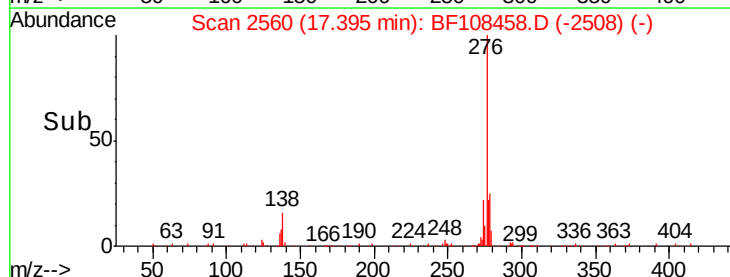
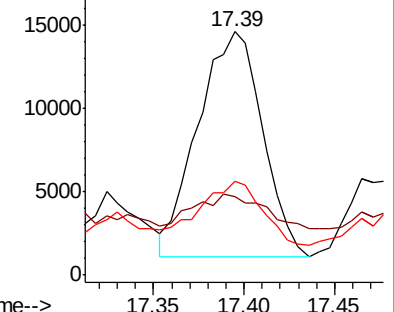
279 38.8 19.0 28.4#

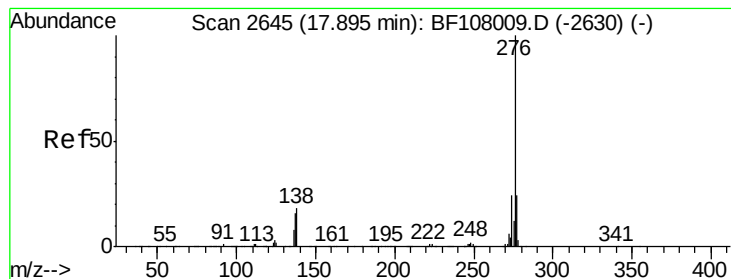


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 14.895 ng

RT: 17.88 min Scan# 2643

Delta R.T. 0.02 min

Lab File: BF108458.D

Acq: 24 Aug 2018 9:06

Instrument :

BNA_F

ClientSampleId :

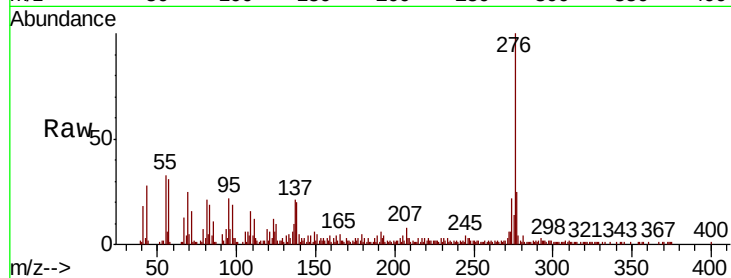
Tot Ion:276 Resp: 121926

Ion Ratio Lower Upper

276 100

277 25.2 17.9 26.9

138 20.0 21.8 32.8#



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

