

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
 Data File : BF112906.D
 Acq On : 7 Mar 2019 3:00
 Operator : JU/SJ
 Sample : K1705-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXT-027-SW012-022719

Quant Time: Mar 07 04:53:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

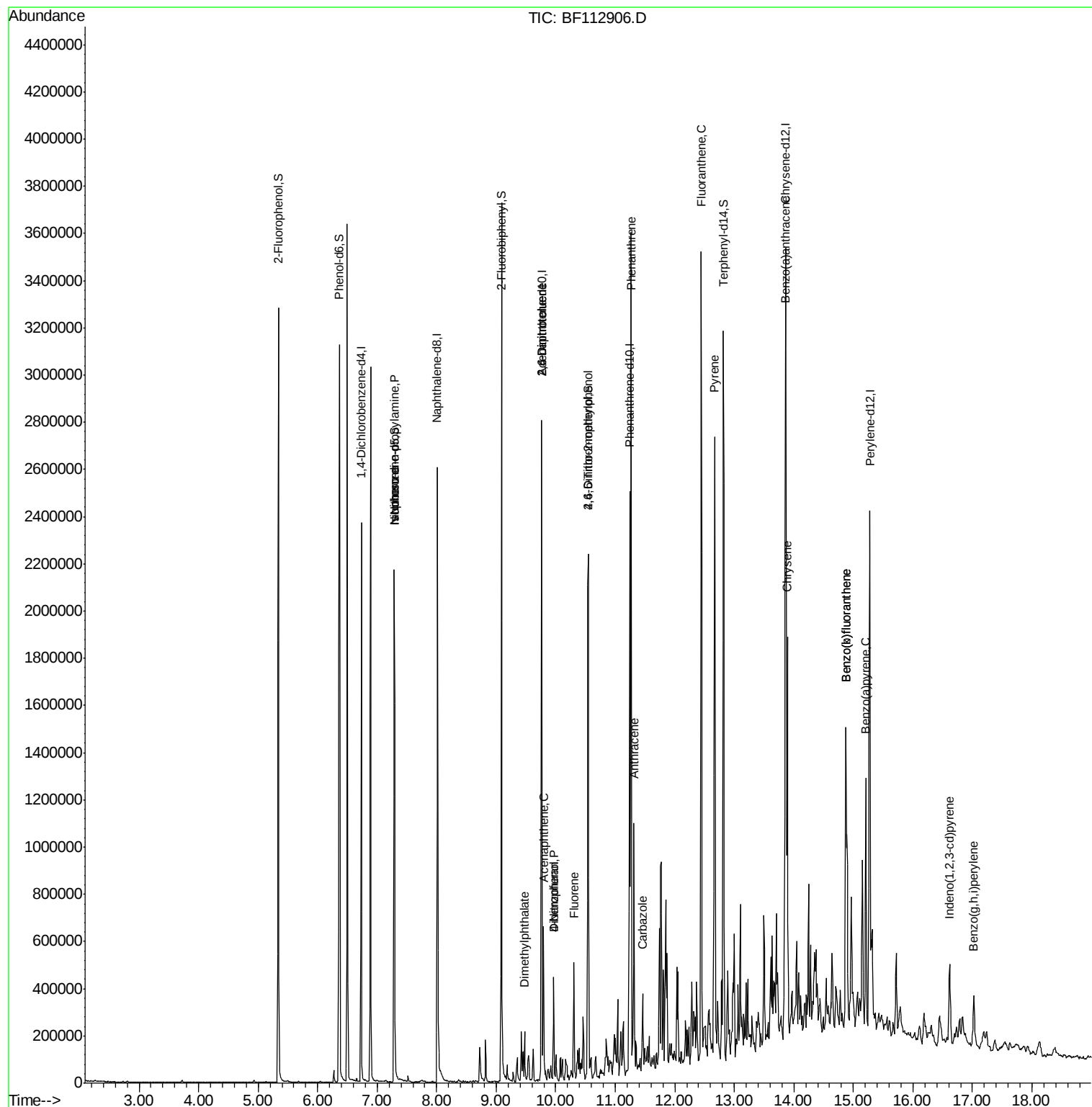
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	358504	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	1324110	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	560002	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	971459	20.00	ng	0.00
76) Chrysene-d12	13.87	240	935413	20.00	ng	0.00
87) Perylene-d12	15.27	264	1016988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	967040	41.96	ng	0.00
7) Phenol-d6	6.36	99	1222506	42.23	ng	0.00
23) Nitrobenzene-d5	7.29	82	724221	32.73	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	283414	47.67	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1141955	27.97	ng	-0.01
79) Terphenyl-d14	12.82	244	1054473	21.85	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	94280	5.142	ng	Qvalue # 77
25) Isophorone	7.29	82	720059	15.104	ng	# 66
50) Dimethylphthalate	9.48	163	90754	2.198	ng	99
51) 2,6-Dinitrotoluene	9.76	165	75841	8.820	ng	# 18
52) Acenaphthene	9.79	154	119396	3.372	ng	96
55) Dibenzofuran	9.96	168	143782	2.794	ng	95
56) 4-Nitrophenol	9.96	139	49489	5.812	ng	# 8
57) 2,4-Dinitrotoluene	9.76	165	75841	7.096	ng	# 18
58) Fluorene	10.30	166	116090	3.178	ng	99
65) 4,6-Dinitro-2-methylphenol	10.54	198	419	4.708	ng	# 1
71) Phenanthrene	11.26	178	1254440	25.954	ng	99
72) Anthracene	11.31	178	381395	7.538	ng	98
73) Carbazole	11.46	167	122554	2.483	ng	97
75) Fluoranthene	12.45	202	1343462	25.944	ng	99
78) Pyrene	12.67	202	1182991	15.002	ng	99
81) Benzo(a)anthracene	13.85	228	780967	12.046	ng	99
83) Chrysene	13.89	228	680021	10.708	ng	97
86) Indeno(1,2,3-cd)pyrene	16.62	276	220862	4.080	ng	# 92
88) Benzo(b)fluoranthene	14.87	252	1010206	15.357	ng	99
89) Benzo(k)fluoranthene	14.87	252	1010206	16.954	ng	100
90) Benzo(a)pyrene	15.21	252	524396	9.013	ng	98
92) Benzo(g,h,i)perylene	17.02	276	170933	3.429	ng	98

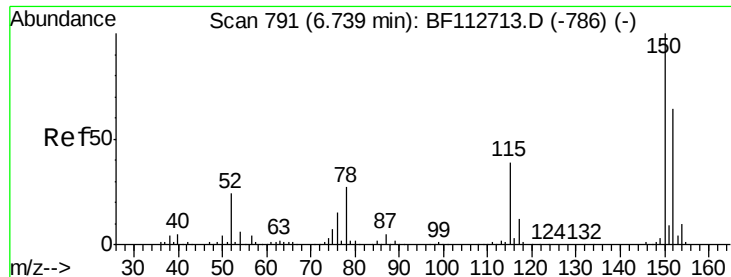
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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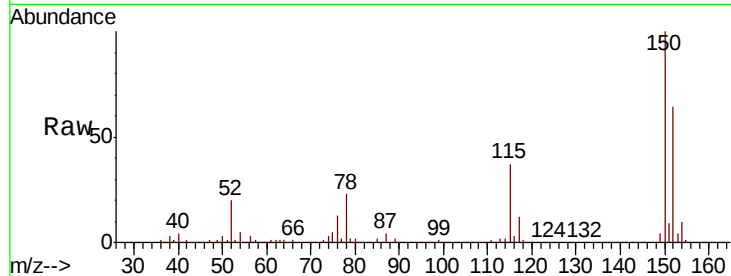


#1

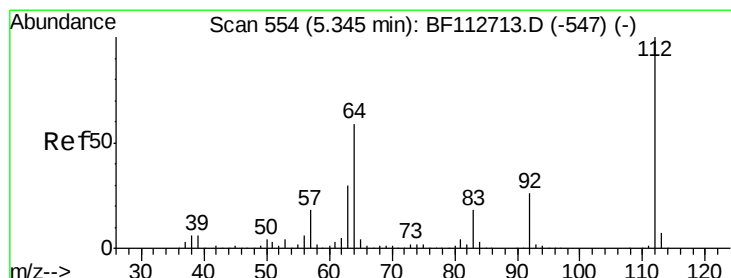
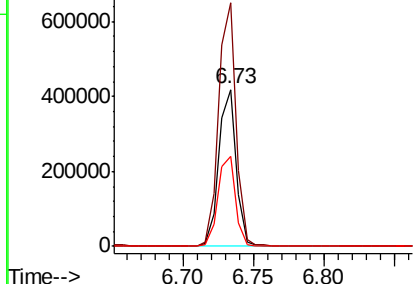
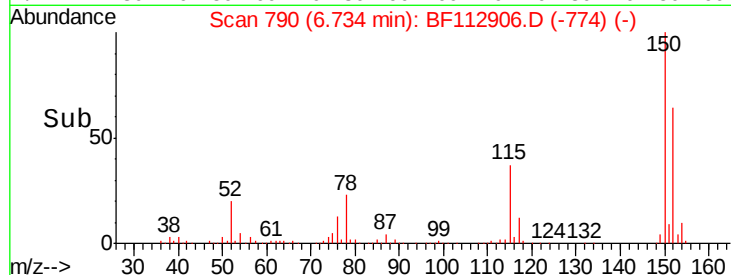
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112906.D
Acq: 7 Mar 2019 3:00

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW012-022719

Tgt Ion:152 Resp: 358504
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.2
115 57.6 48.2 72.4



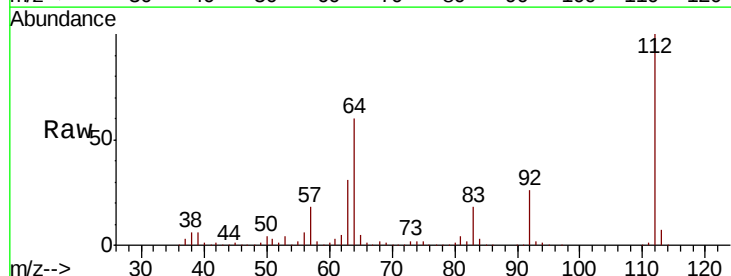
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



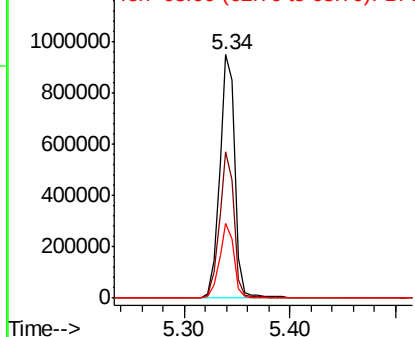
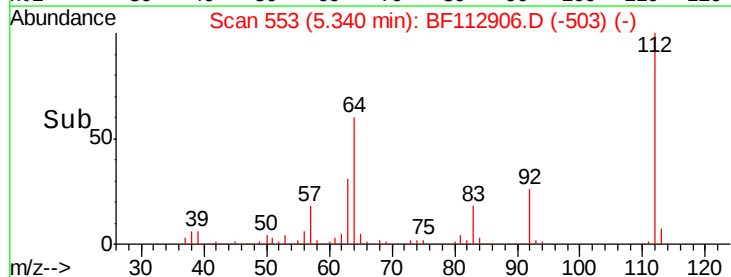
#5

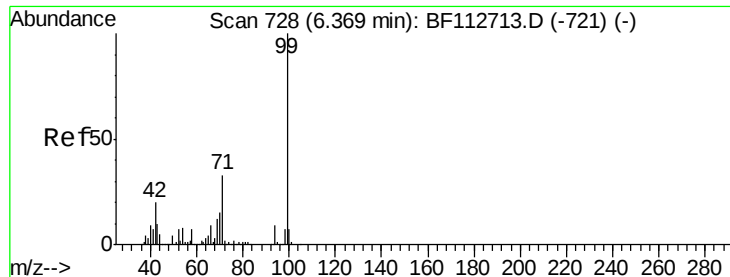
2-Fluorophenol
Concen: 41.960 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112906.D
Acq: 7 Mar 2019 3:00

Tgt Ion:112 Resp: 967040
Ion Ratio Lower Upper
112 100
64 60.1 47.6 71.4
63 30.6 24.4 36.6



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





#7

Phenol-d6

Concen: 42.227 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112906.D

Acq: 7 Mar 2019 3:00

Instrument :

BNA_F

ClientSampleId :

EXT-027-SW012-022719

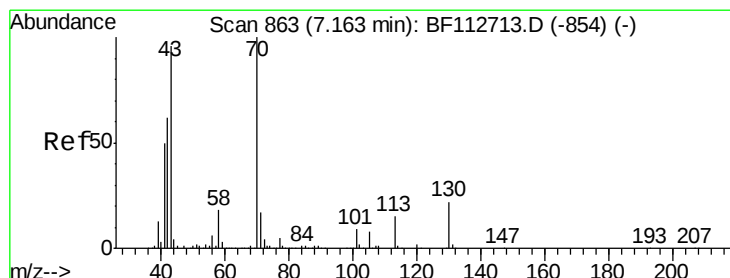
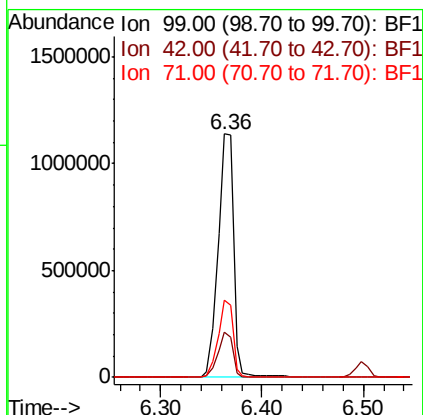
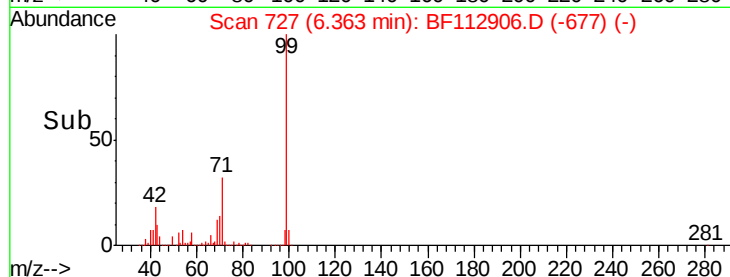
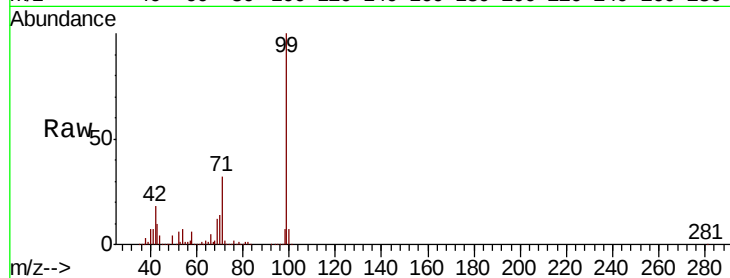
Tgt Ion: 99 Resp: 1222506

Ion Ratio Lower Upper

99 100

42 18.4 16.3 24.5

71 31.8 26.2 39.4



#19

n-Nitroso-di-n-propylamine

Concen: 5.142 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112906.D

Acq: 7 Mar 2019 3:00

Tgt Ion: 70 Resp: 94280

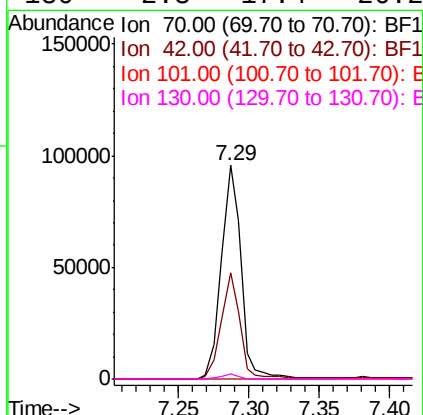
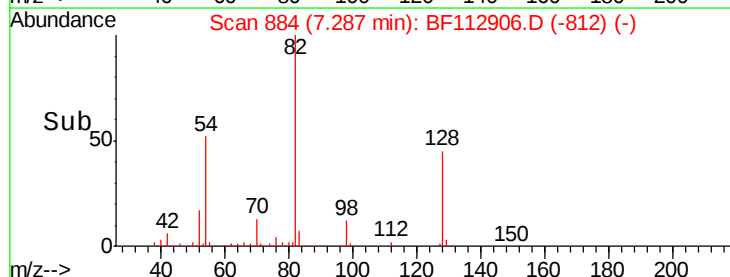
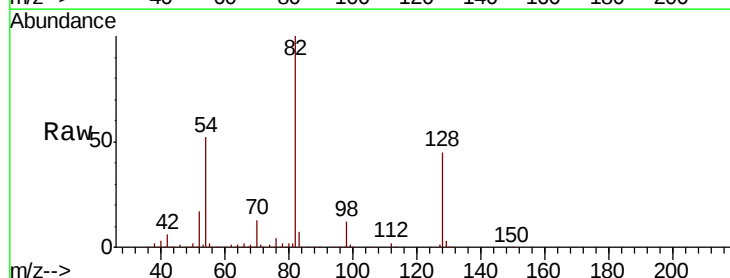
Ion Ratio Lower Upper

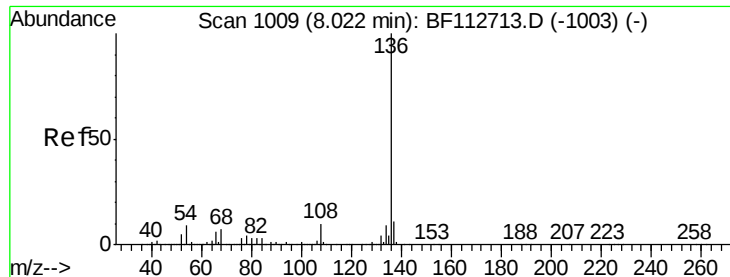
70 100

42 49.9 49.9 74.9#

101 0.0 7.4 11.2#

130 2.3 17.4 26.2#

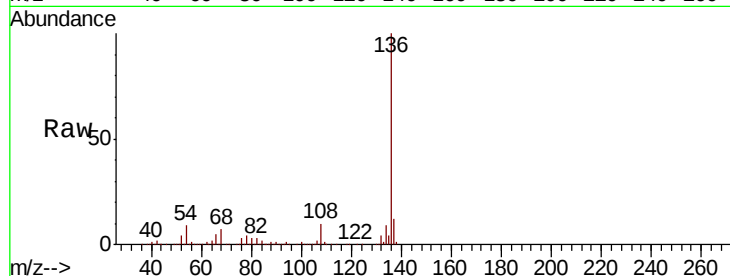




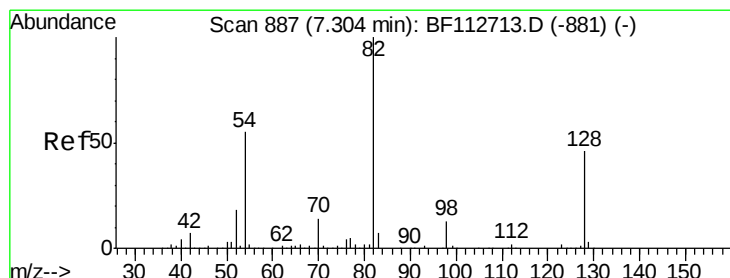
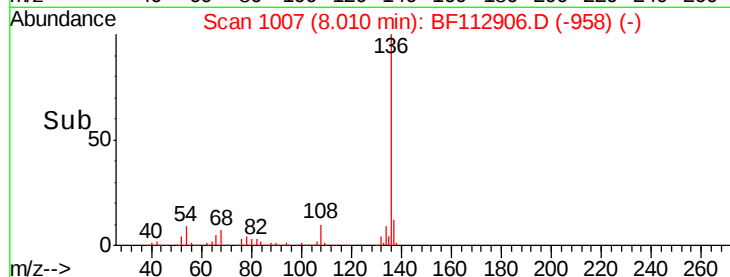
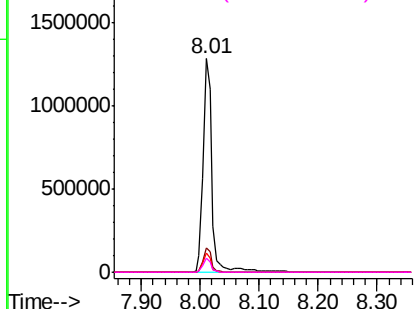
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112906.D
Acq: 7 Mar 2019 3:00

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW012-022719

Tgt Ion:	136	Resp:	1324110
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	8.8	7.3	10.9
68	6.8	5.4	8.2

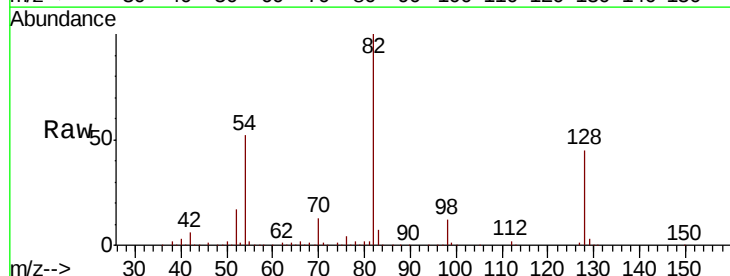


Abundance Ion 136.00 (135.70 to 136.70): E
2000000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

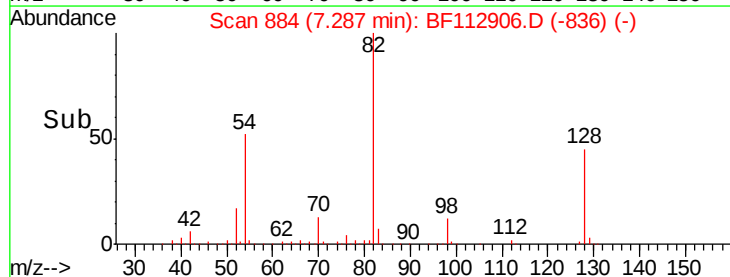
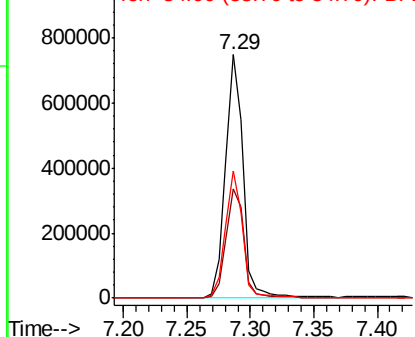


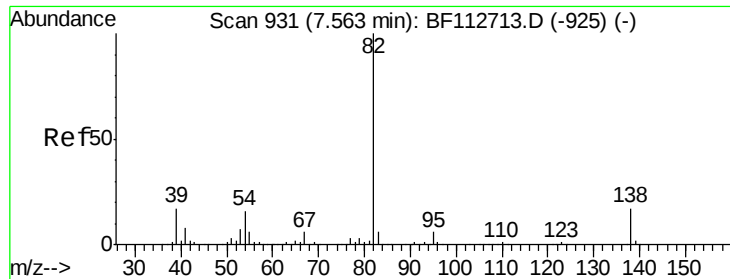
#23
Nitrobenzene-d5
Concen: 32.728 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112906.D
Acq: 7 Mar 2019 3:00

Tgt Ion:	82	Resp:	724221
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.3	54.5
54	52.3	43.7	65.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000 Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 15.104 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.28 min

Lab File: BF112906.D

Acq: 7 Mar 2019 3:00

Instrument :

BNA_F

ClientSampleId :

EXT-027-SW012-022719

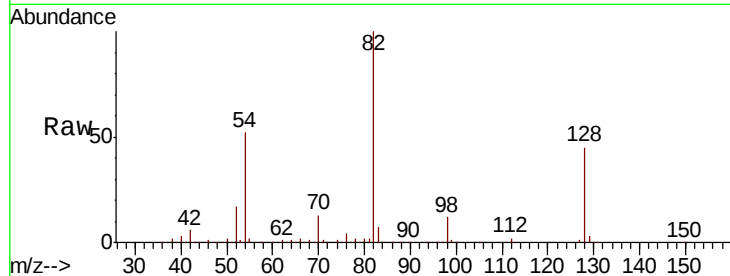
Tgt Ion: 82 Resp: 720059

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

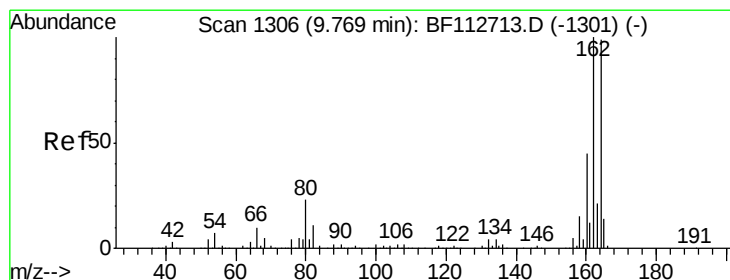
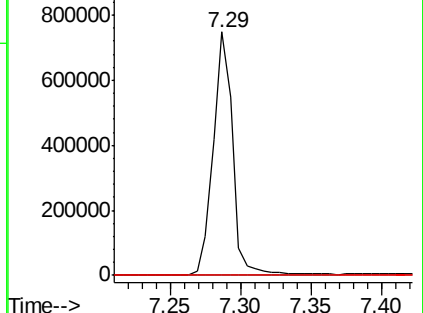
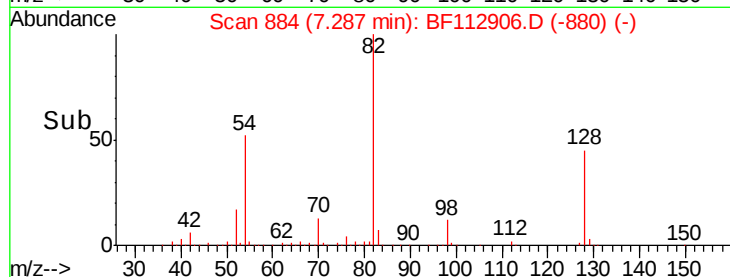
138 0.0 13.8 20.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF112906.D

Acq: 7 Mar 2019 3:00

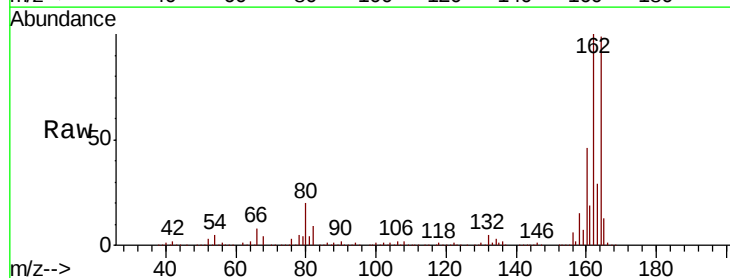
Tgt Ion: 164 Resp: 560002

Ion Ratio Lower Upper

164 100

162 100.8 80.6 120.8

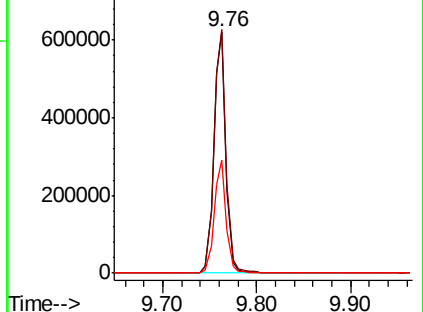
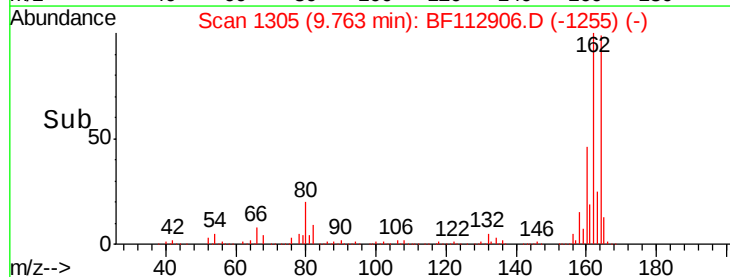
160 46.6 36.0 54.0

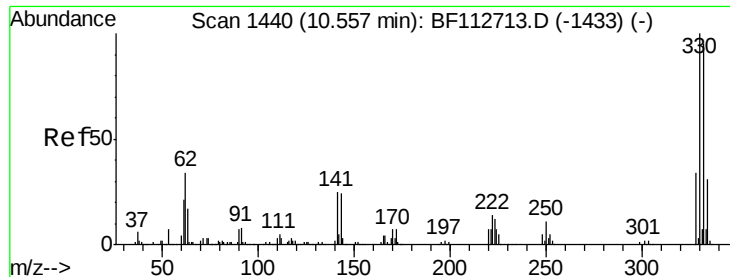


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

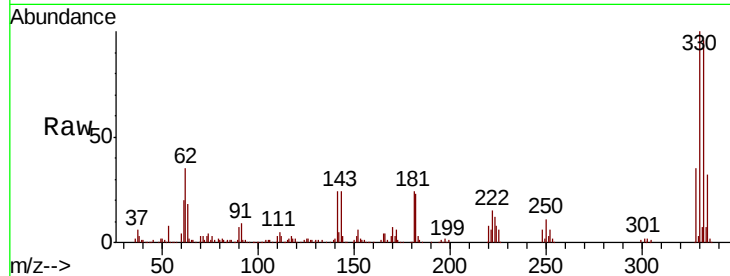




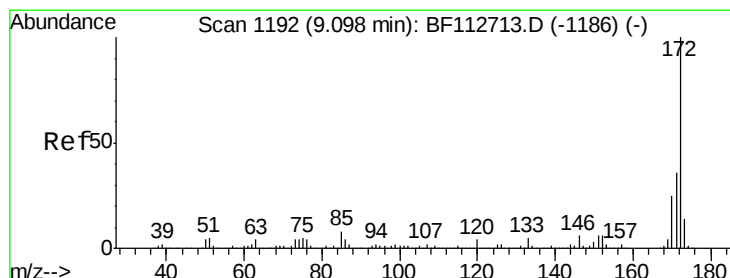
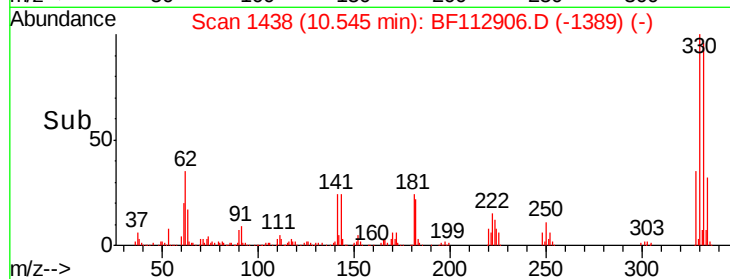
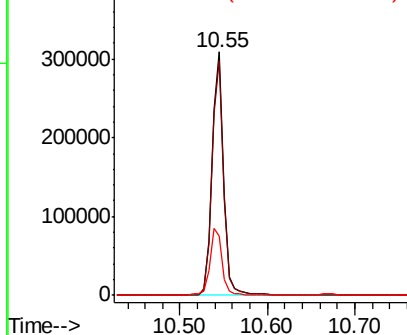
#42
 2,4,6-Tribromophenol
 Concen: 47.672 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112906.D
 Acq: 7 Mar 2019 3:00

Instrument :
 BNA_F
 ClientSampleId :
 EXT-027-SW012-022719

Tgt Ion:330 Resp: 283414
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.2 114.4
 141 29.8 27.0 40.6

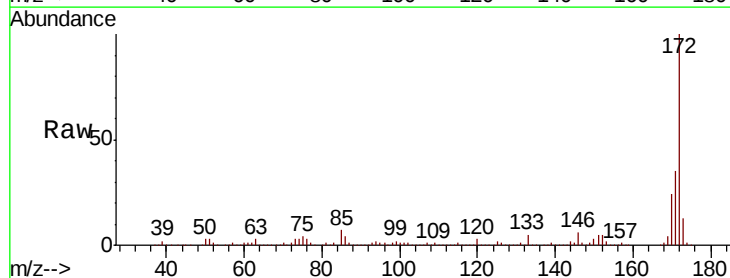


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

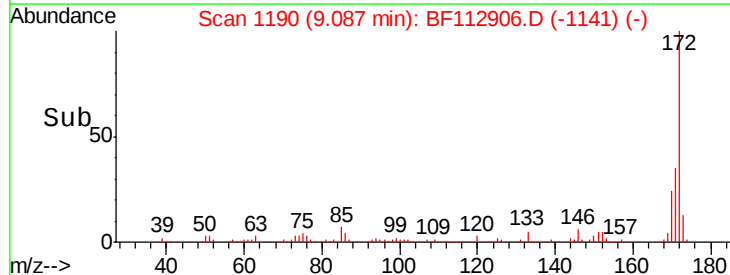
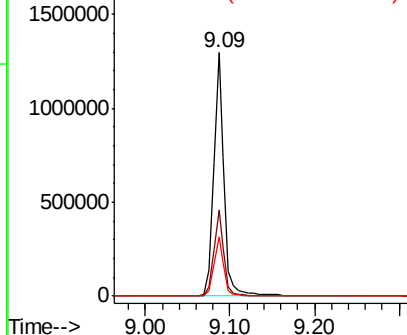


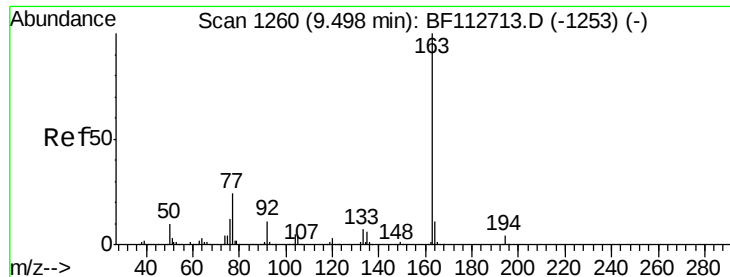
#45
 2-Fluorobiphenyl
 Concen: 27.967 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112906.D
 Acq: 7 Mar 2019 3:00

Tgt Ion:172 Resp: 1141955
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.0 43.4
 170 24.1 20.0 30.0



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

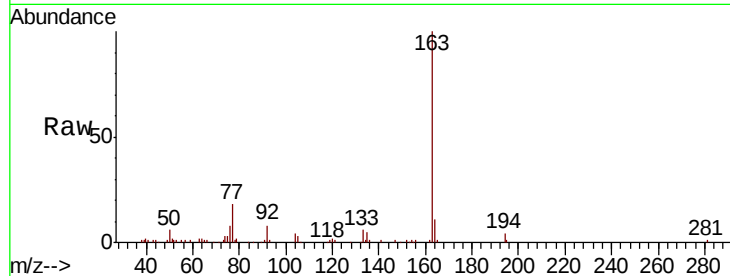




#50
Dimethylphthalate
Concen: 2.198 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112906.D
Acq: 7 Mar 2019 3:00

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW012-022719

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.7	8.4	12.6

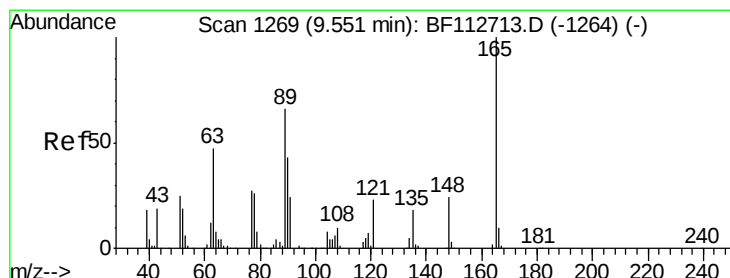
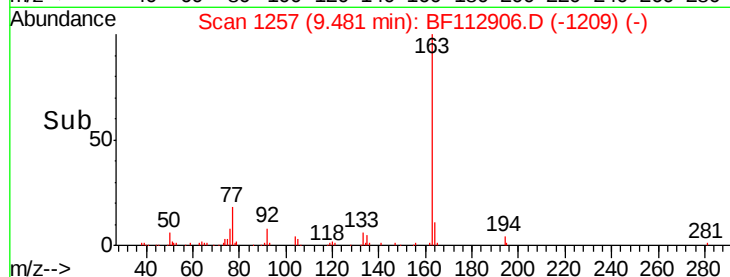
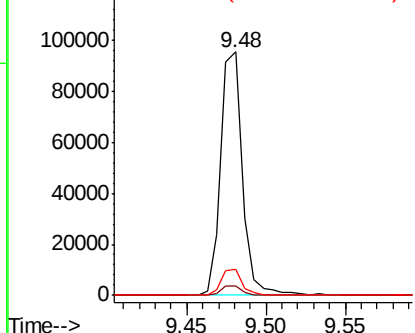


Abundance

Ion 163.00 (162.70 to 163.70): E

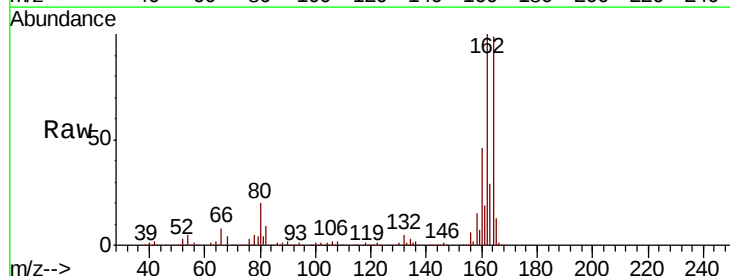
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 8.820 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF112906.D
Acq: 7 Mar 2019 3:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	54.1	81.1#
89	1.3	52.8	79.2#

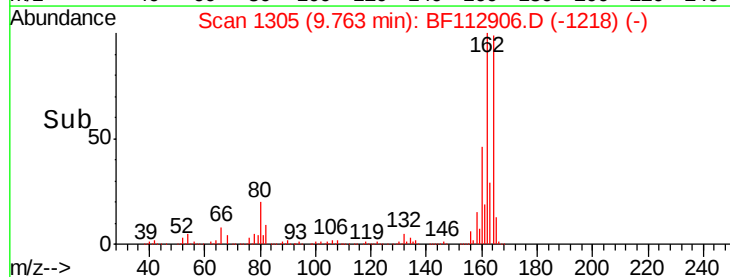
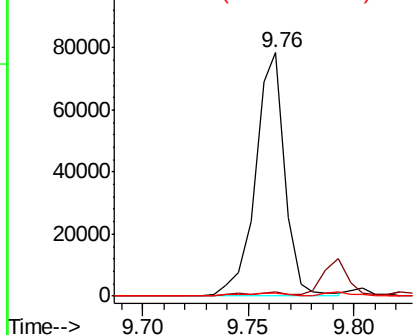


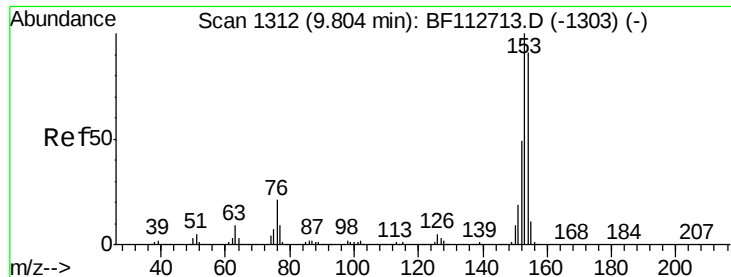
Abundance

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





#52

Acenaphthene

Concen: 3.372 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF112906.D

Acq: 7 Mar 2019 3:00

Instrument :

BNA_F

ClientSampleId :

EXT-027-SW012-022719

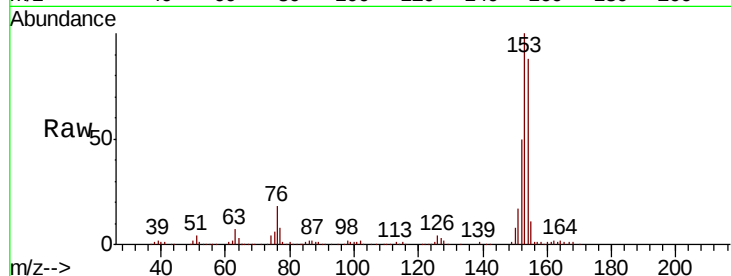
Tgt Ion:154 Resp: 119396

Ion Ratio Lower Upper

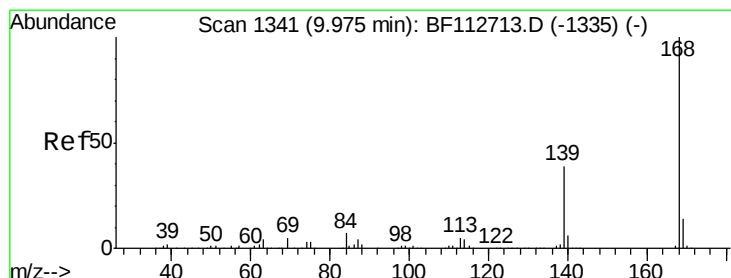
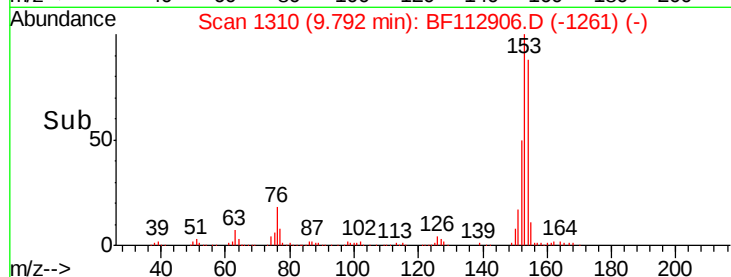
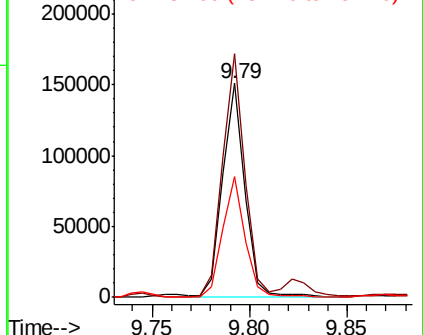
154 100

153 113.7 87.8 131.8

152 56.5 43.0 64.6



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: 2.794 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF112906.D

Acq: 7 Mar 2019 3:00

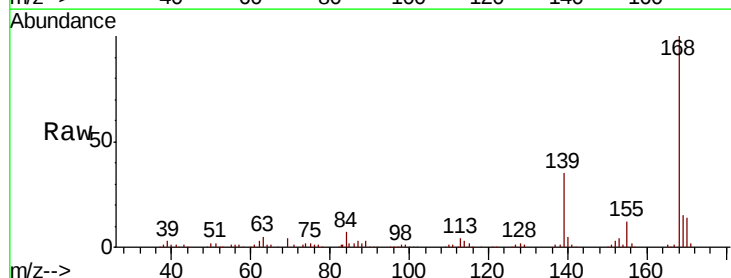
Tgt Ion:168 Resp: 143782

Ion Ratio Lower Upper

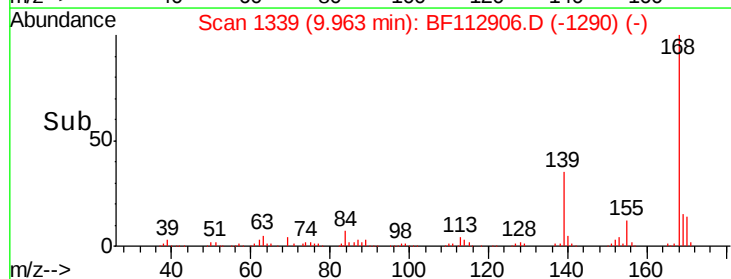
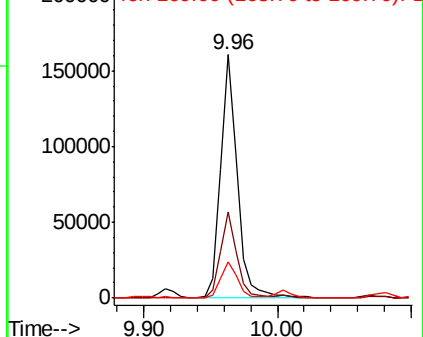
168 100

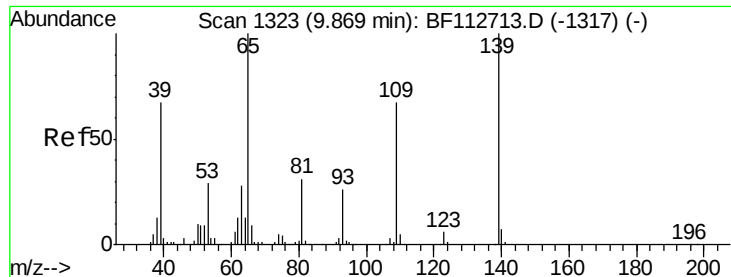
139 35.2 31.3 46.9

169 14.9 11.3 16.9



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

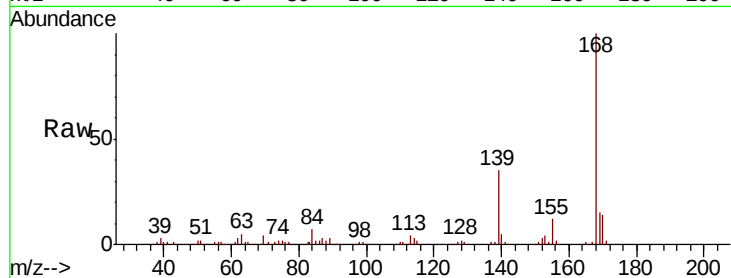




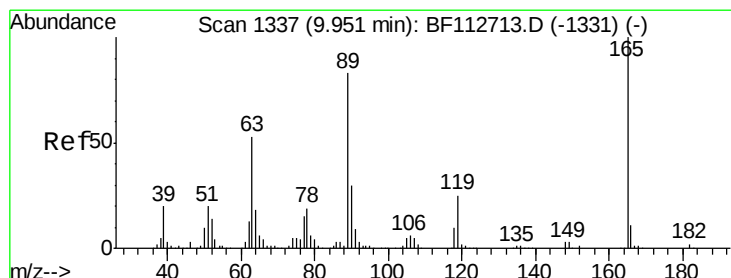
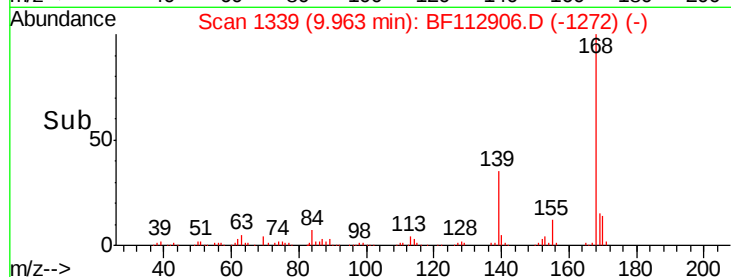
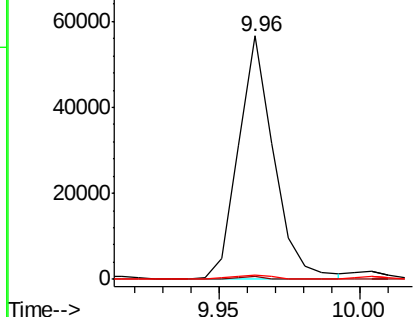
#56
4-Nitrophenol
Concen: 5.812 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.09 min
Lab File: BF112906.D
Acq: 7 Mar 2019 3:00

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW012-022719

Tgt Ion:139 Resp: 49489
Ion Ratio Lower Upper
139 100
109 1.2 46.8 86.8#
65 1.9 80.7 120.7#

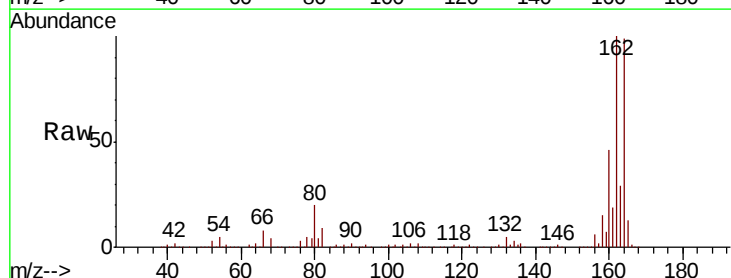


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

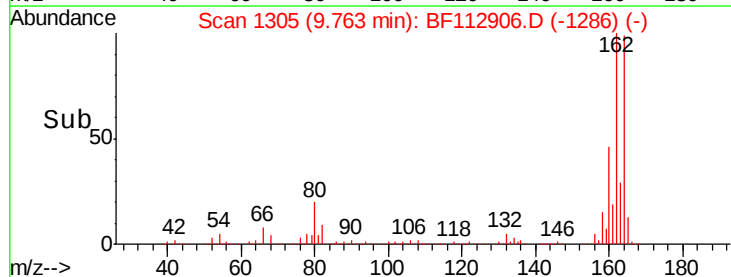
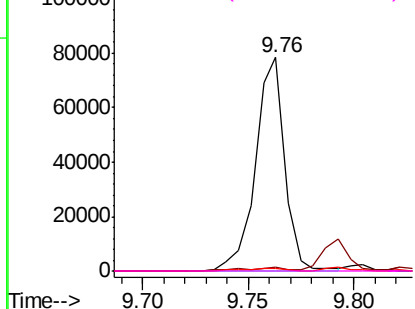


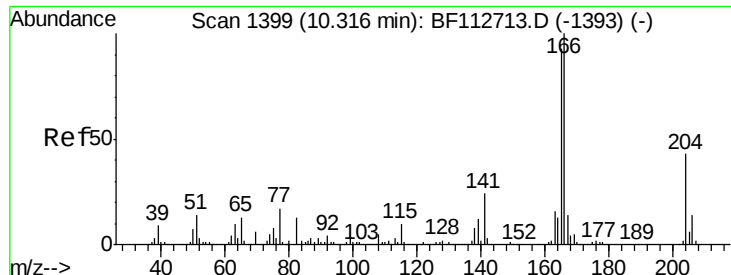
#57
2,4-Dinitrotoluene
Concen: 7.096 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF112906.D
Acq: 7 Mar 2019 3:00

Tgt Ion:165 Resp: 75841
Ion Ratio Lower Upper
165 100
63 1.7 42.2 63.2#
89 1.3 66.2 99.4#
182 0.0 1.8 2.6#



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
Ion 182.00 (181.70 to 182.70): BF1





#58

Fluorene

Concen: 3.178 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF112906.D

Acq: 7 Mar 2019 3:00

Instrument :

BNA_F

ClientSampleId :

EXT-027-SW012-022719

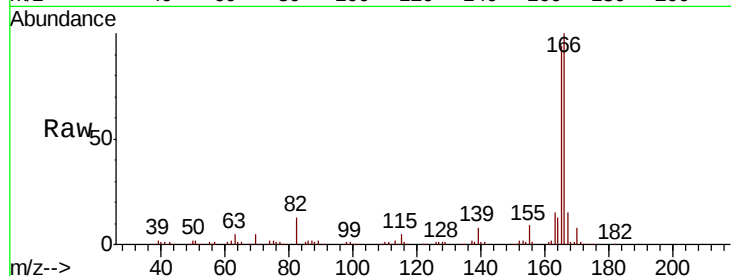
Tgt Ion:166 Resp: 116090

Ion Ratio Lower Upper

166 100

165 93.8 74.7 112.1

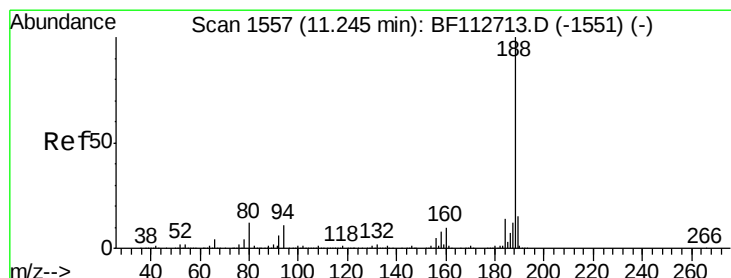
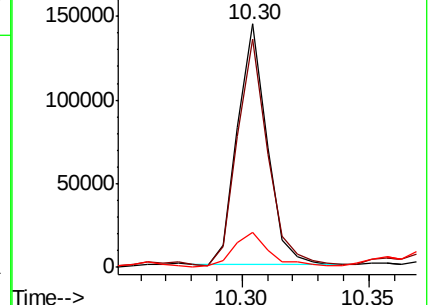
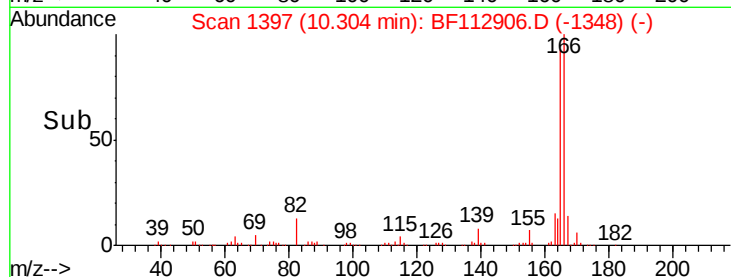
167 14.6 11.0 16.6



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF112906.D

Acq: 7 Mar 2019 3:00

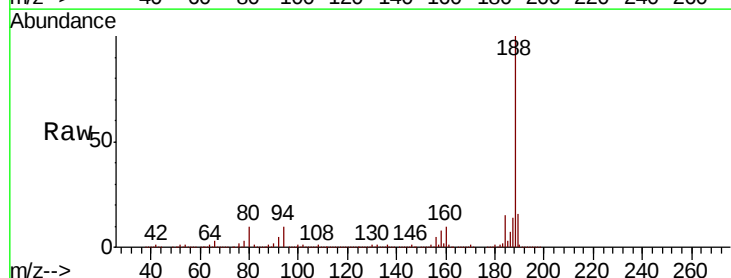
Tgt Ion:188 Resp: 971459

Ion Ratio Lower Upper

188 100

94 10.0 9.0 13.4

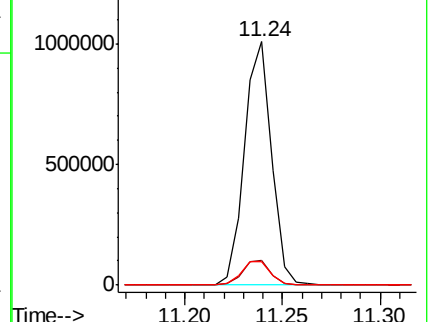
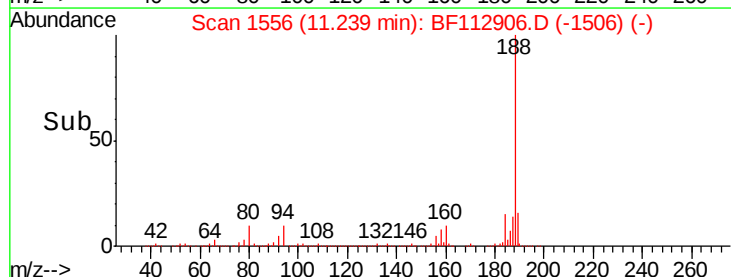
80 9.7 9.2 13.8

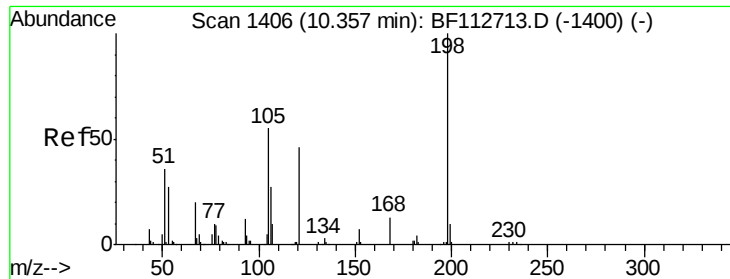


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

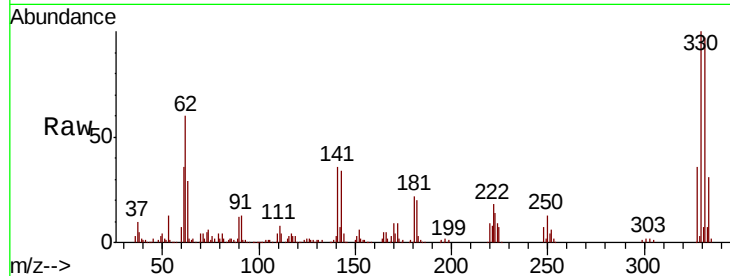




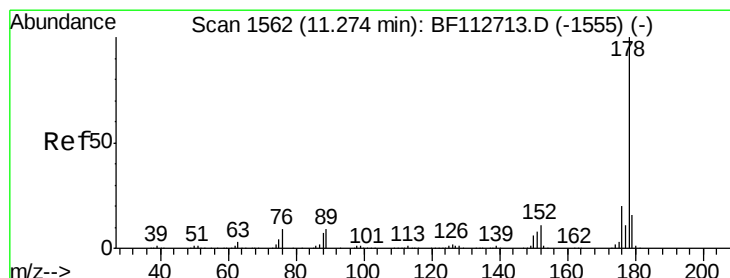
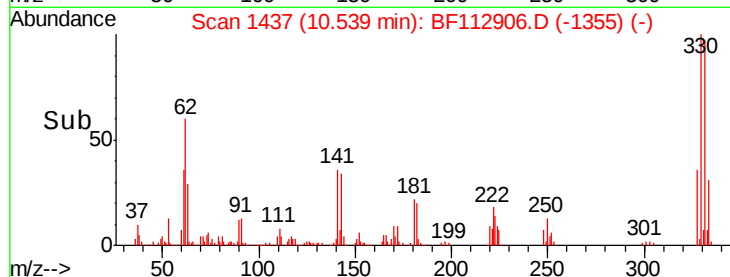
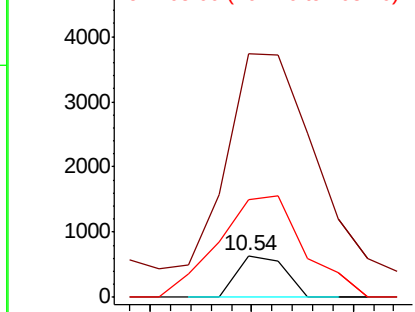
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.708 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF112906.D
 Acq: 7 Mar 2019 3:00

Instrument :
 BNA_F
 ClientSampleId :
 EXT-027-SW012-022719

Tgt Ion:198 Resp: 419
 Ion Ratio Lower Upper
 198 100
 51 586.3 43.8 83.8#
 105 234.1 36.5 76.5#

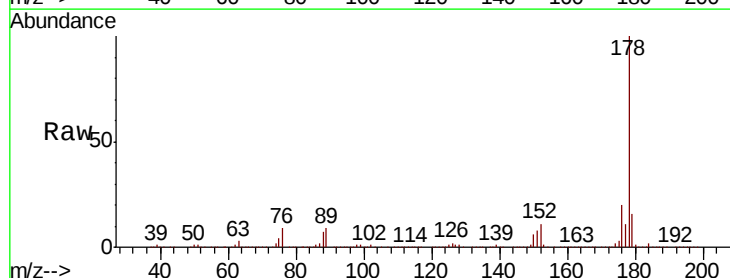


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

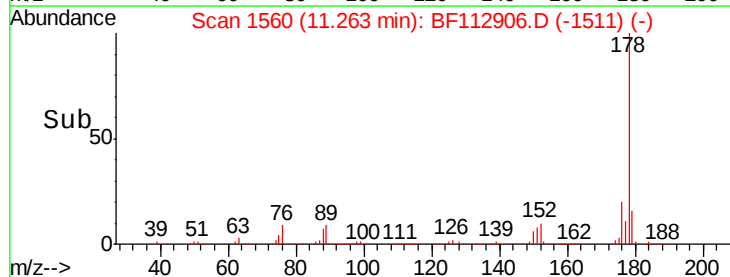
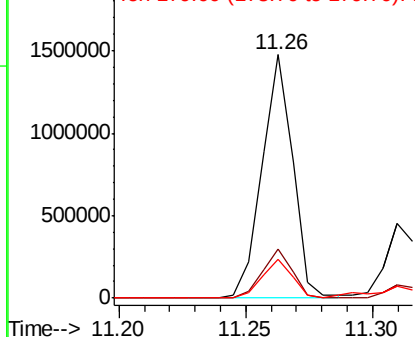


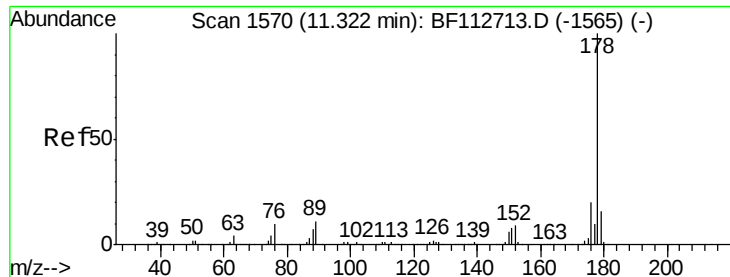
#71
 Phenanthrene
 Concen: 25.954 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF112906.D
 Acq: 7 Mar 2019 3:00

Tgt Ion:178 Resp: 1254440
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.3 24.5
 179 15.9 12.7 19.1



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

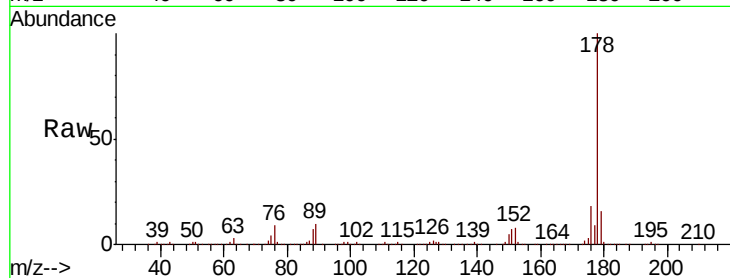




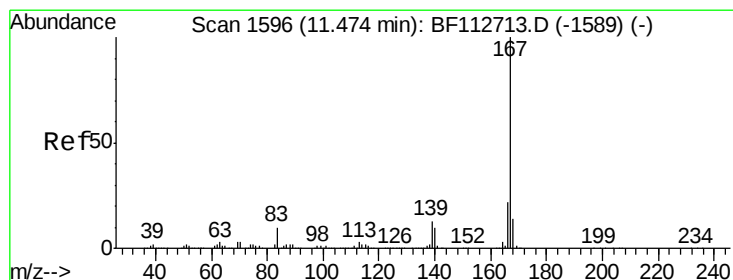
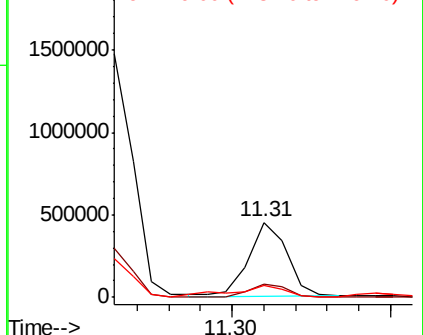
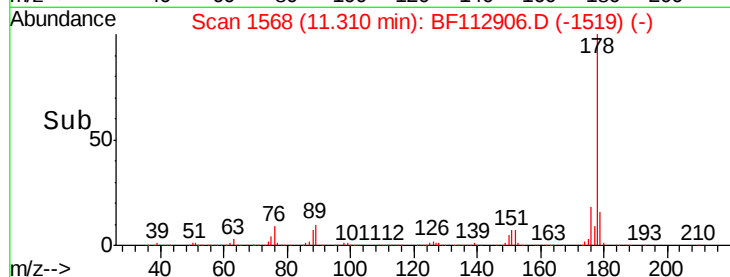
#72
 Anthracene
 Concen: 7.538 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF112906.D
 Acq: 7 Mar 2019 3:00

Instrument :
 BNA_F
 ClientSampleId :
 EXT-027-SW012-022719

Tgt Ion:178 Resp: 381395
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.8 23.6
 179 16.1 13.0 19.6

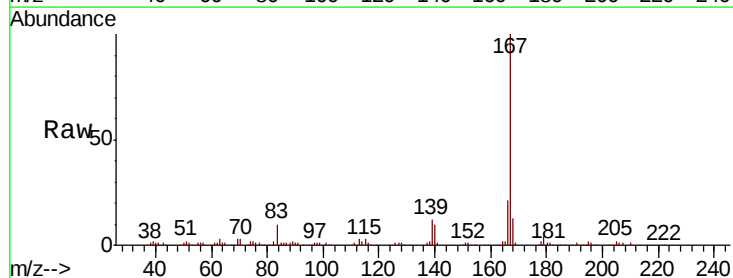


Abundance Ion 178.00 (177.70 to 178.70): E
 2000000 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

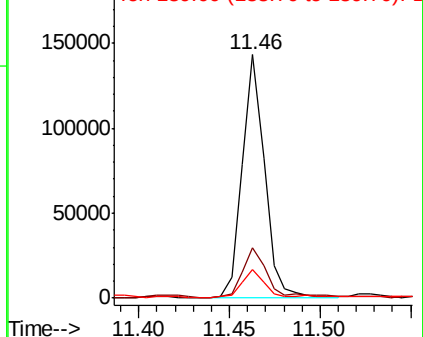
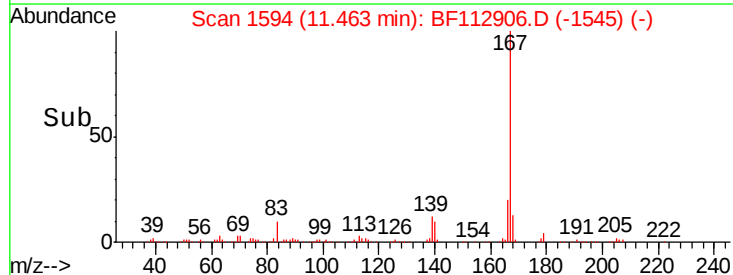


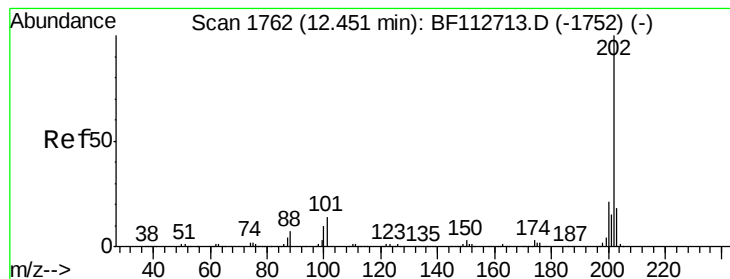
#73
 Carbazole
 Concen: 2.483 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF112906.D
 Acq: 7 Mar 2019 3:00

Tgt Ion:167 Resp: 122554
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.5 26.3
 139 11.8 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
 200000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 25.944 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF112906.D

Acq: 7 Mar 2019 3:00

Instrument :

BNA_F

ClientSampleId :

EXT-027-SW012-022719

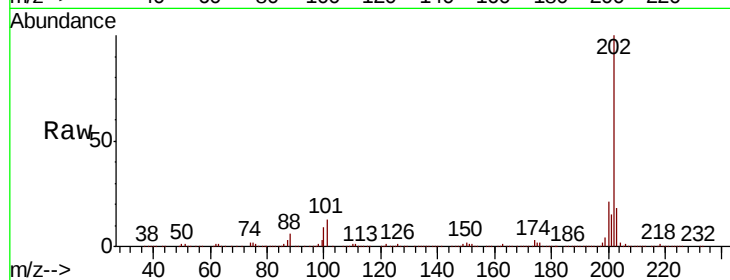
Tgt Ion:202 Resp: 1343462

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.8

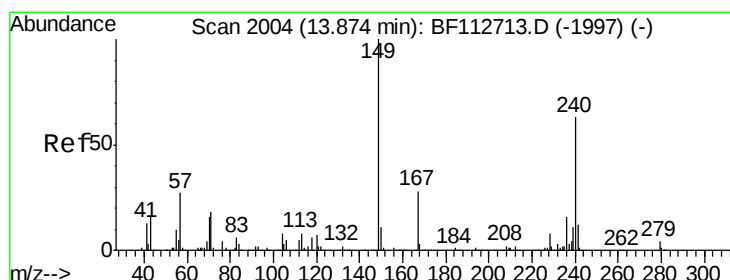
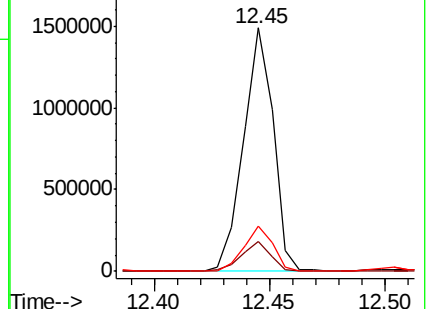
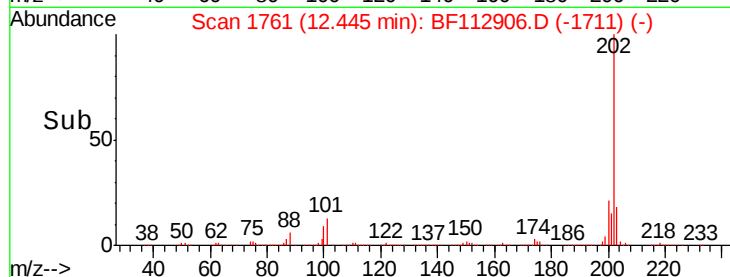
203 18.3 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112906.D

Acq: 7 Mar 2019 3:00

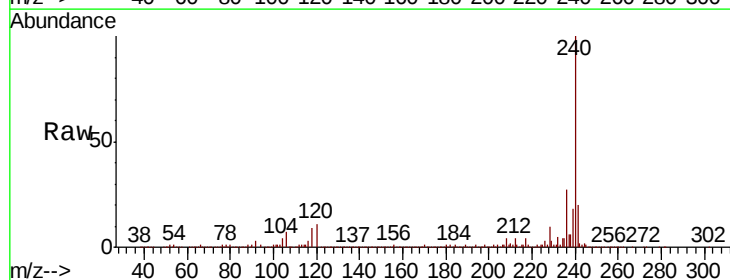
Tgt Ion:240 Resp: 935413

Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

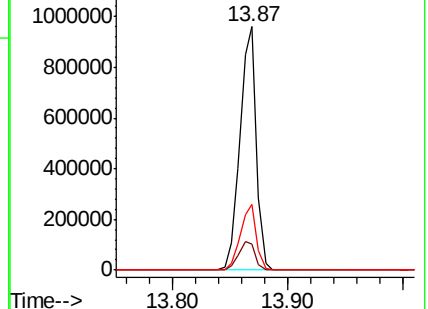
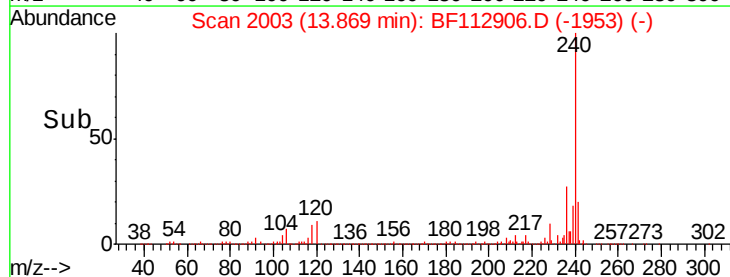
236 26.9 20.7 31.1

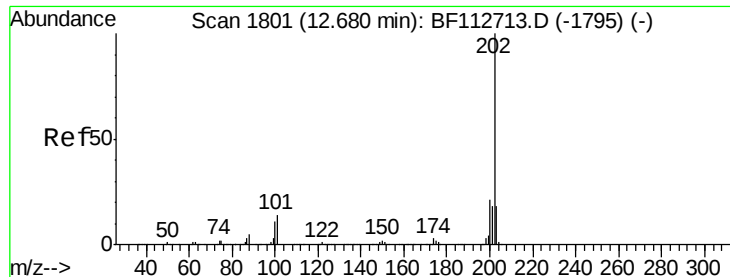


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 15.002 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF112906.D

Acq: 7 Mar 2019 3:00

Instrument :

BNA_F

ClientSampleId :

EXT-027-SW012-022719

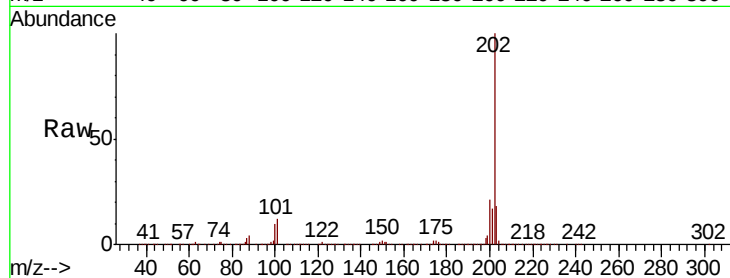
Tgt Ion:202 Resp: 1182991

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.4

203 18.2 14.4 21.6

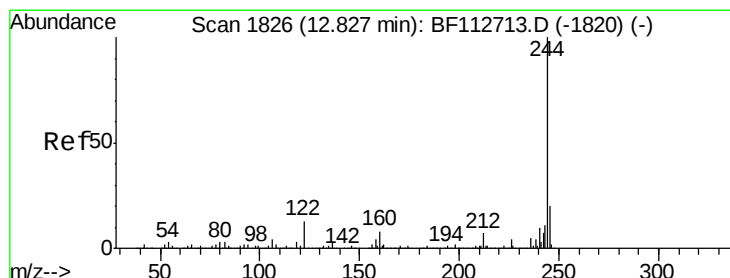
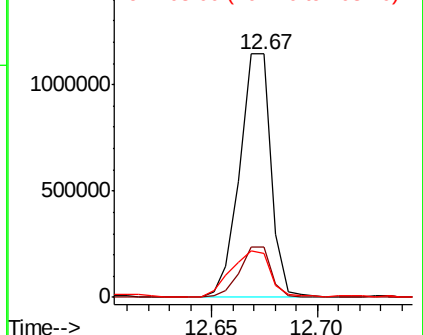
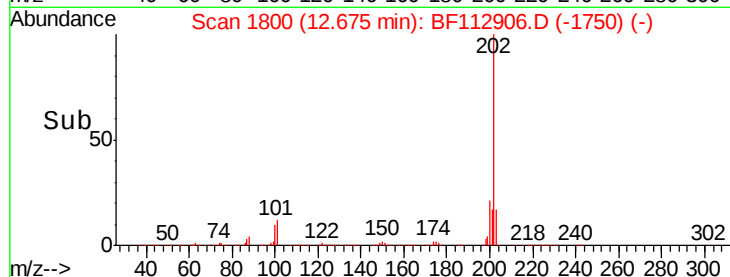


Abundance

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: 21.852 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF112906.D

Acq: 7 Mar 2019 3:00

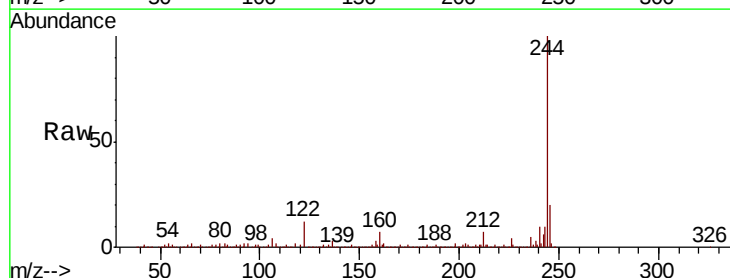
Tgt Ion:244 Resp: 1054473

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 12.0 10.5 15.7

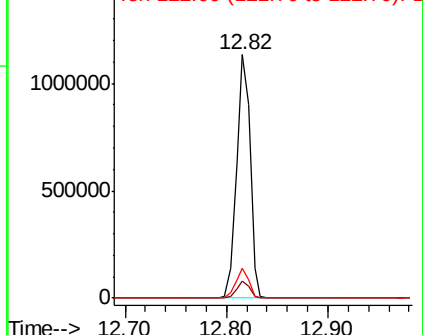
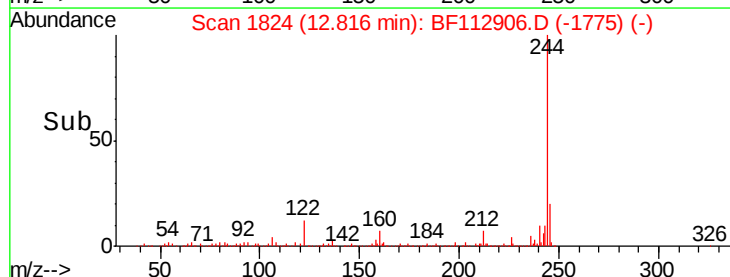


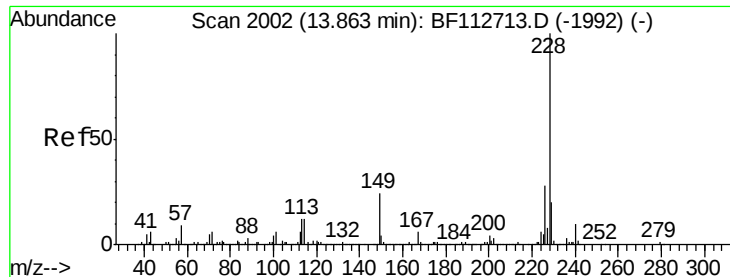
Abundance

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: 12.046 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF112906.D

Acq: 7 Mar 2019 3:00

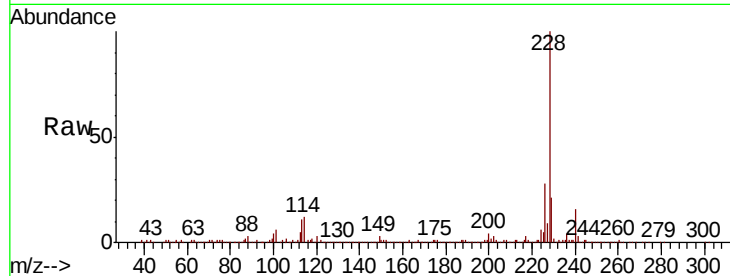
Instrument :

BNA_F

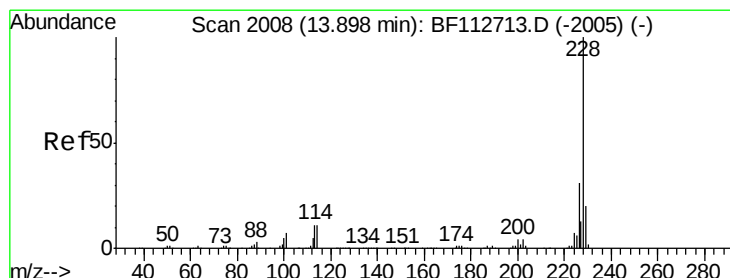
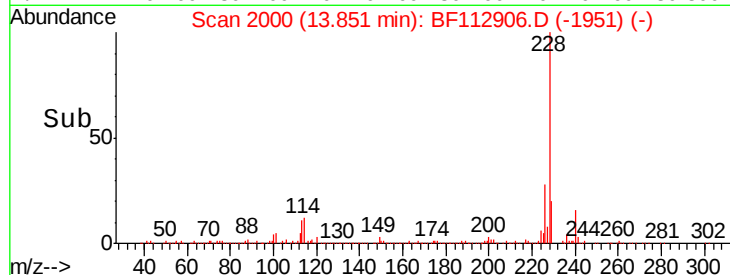
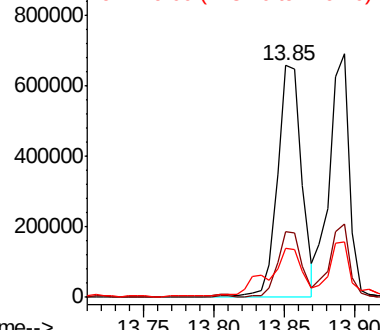
ClientSampleId :

EXT-027-SW012-022719

Tgt Ion:	228	Resp:	780967
Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.4
229	20.9	16.0	24.0



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: 10.708 ng

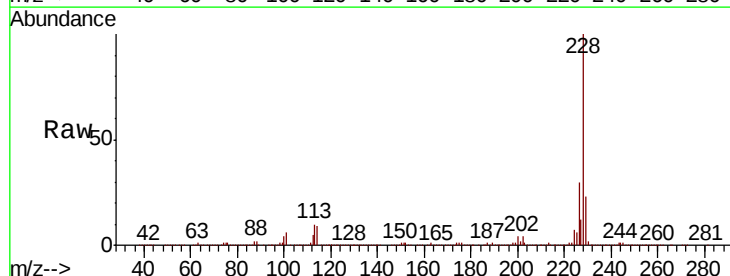
RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

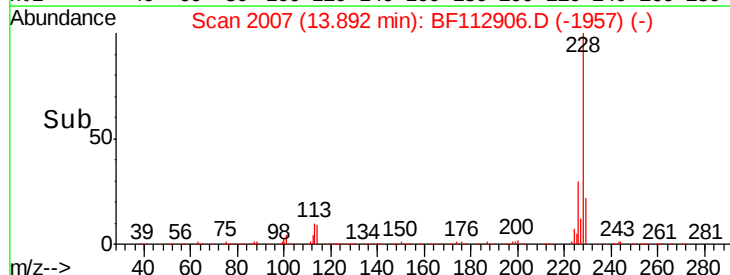
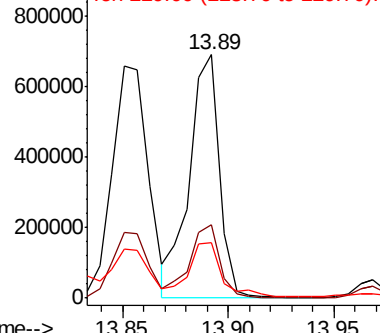
Lab File: BF112906.D

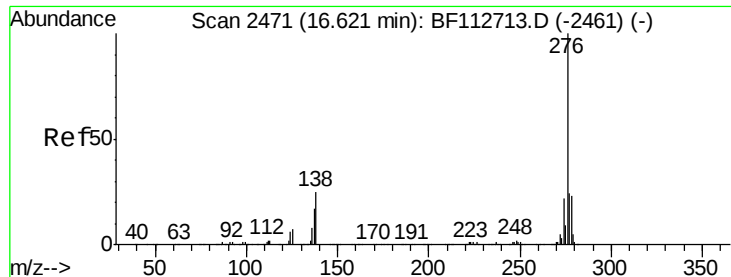
Acq: 7 Mar 2019 3:00

Tgt Ion:	228	Resp:	680021
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	23.0	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

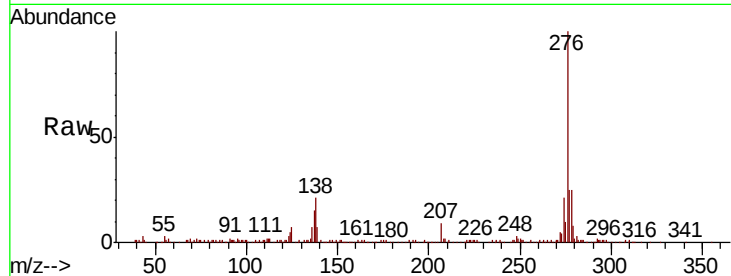




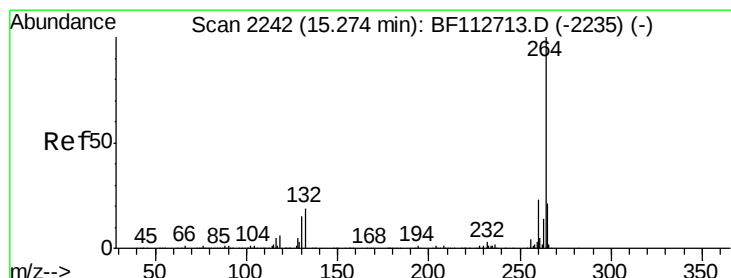
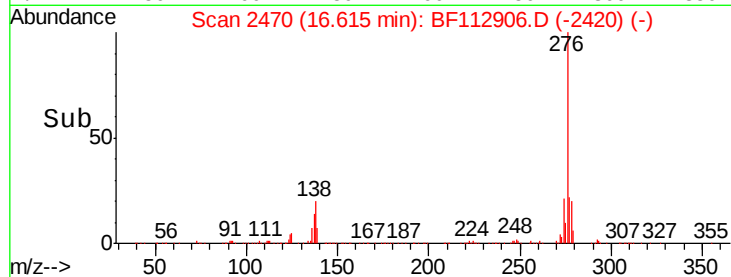
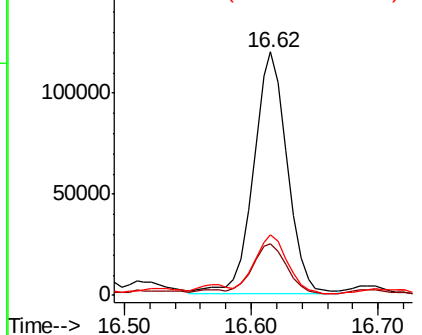
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 4.080 ng
 RT: 16.62 min Scan# 2470
 Delta R.T. -0.01 min
 Lab File: BF112906.D
 Acq: 7 Mar 2019 3:00

Instrument :
 BNA_F
 ClientSampleId :
 EXT-027-SW012-022719

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.8	23.2	34.8#
277	23.5	19.9	29.9

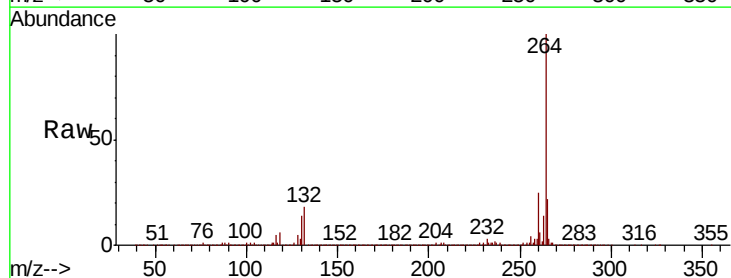


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

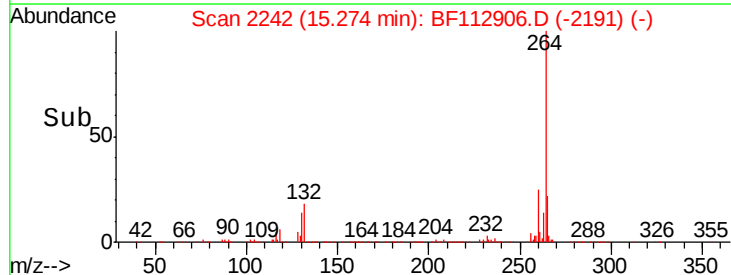
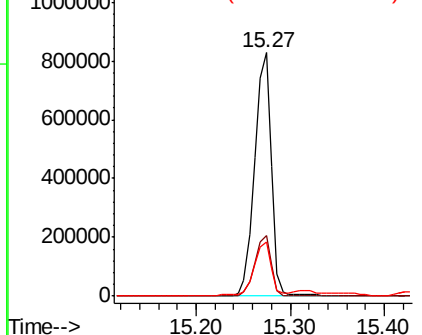


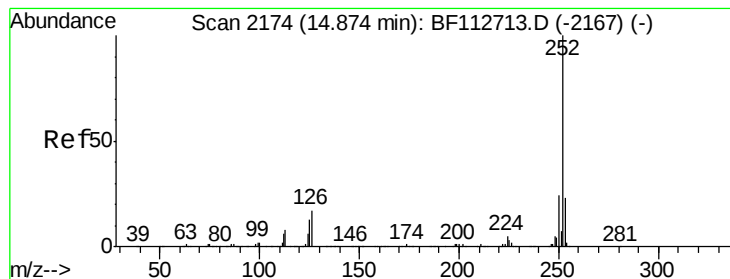
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. 0.00 min
 Lab File: BF112906.D
 Acq: 7 Mar 2019 3:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.7	28.1
265	22.0	17.2	25.8



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: 15.357 ng

RT: 14.87 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BF112906.D

Acq: 7 Mar 2019 3:00

Instrument :

BNA_F

ClientSampleId :

EXT-027-SW012-022719

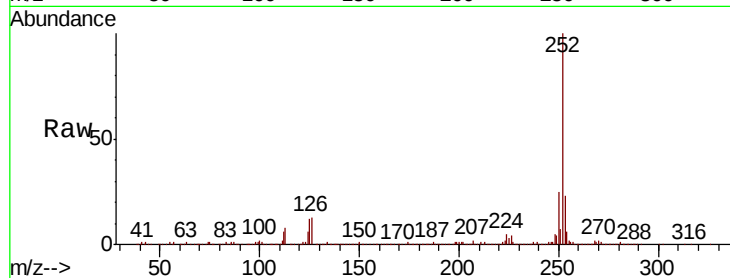
Tgt Ion:252 Resp: 1010206

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

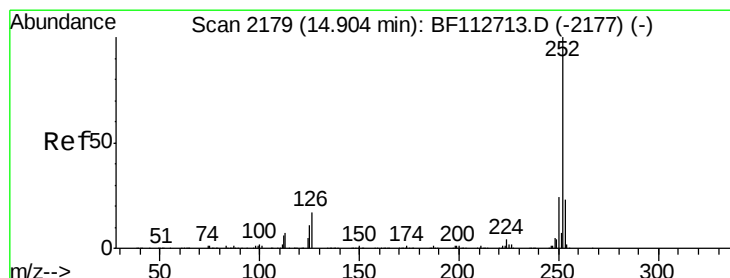
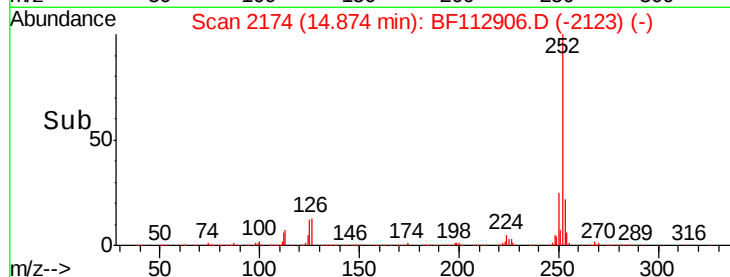
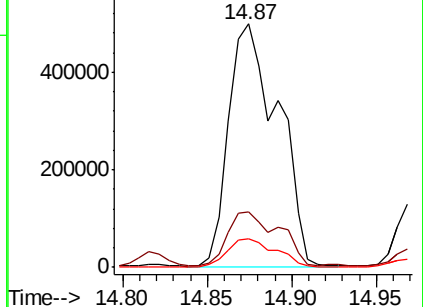
125 11.9 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 16.954 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.03 min

Lab File: BF112906.D

Acq: 7 Mar 2019 3:00

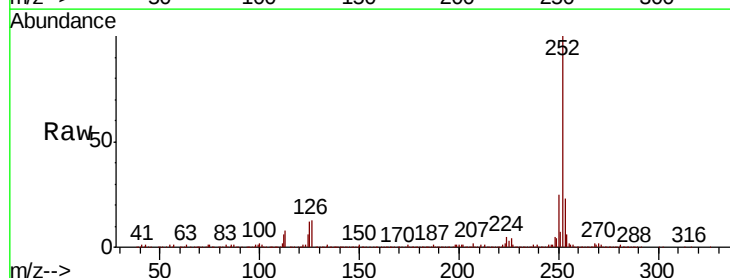
Tgt Ion:252 Resp: 1010206

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

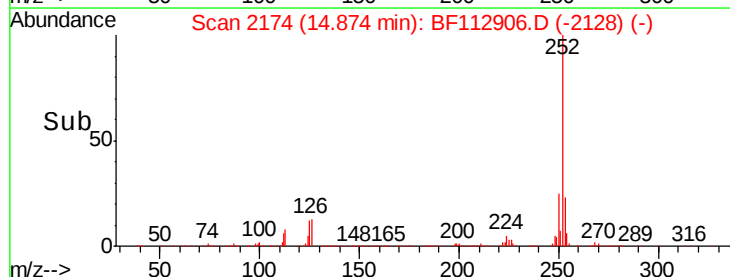
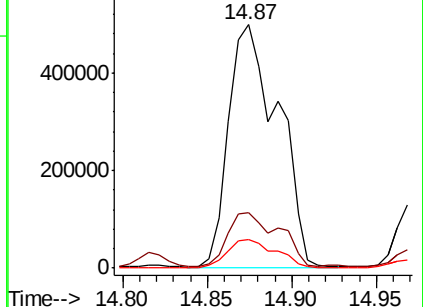
125 11.9 9.8 14.6

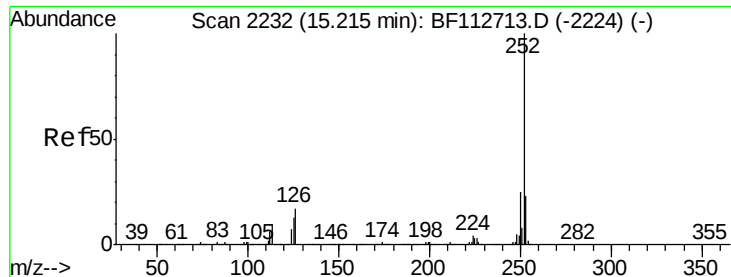


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

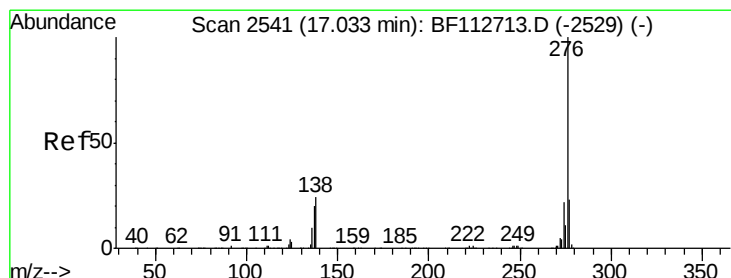
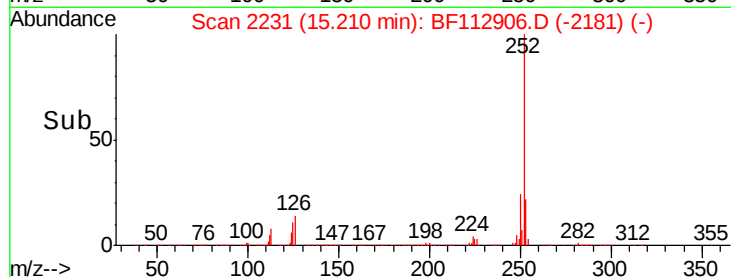
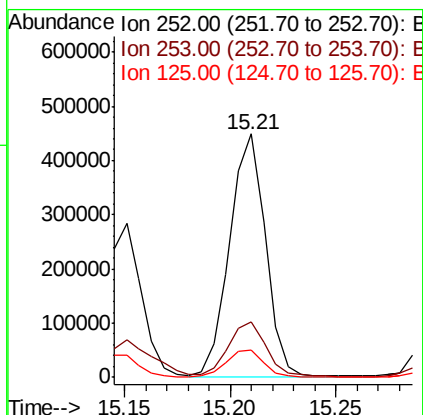
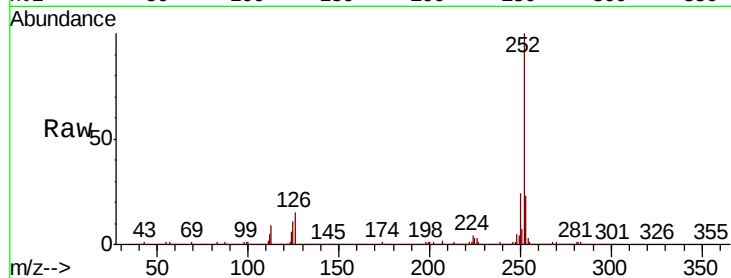




#90
Benzo(a)pyrene
Concen: 9.013 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF112906.D
Acq: 7 Mar 2019 3:00

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW012-022719

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	11.2	10.7	16.1



#92
Benzo(g,h,i)perylene
Concen: 3.429 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF112906.D
Acq: 7 Mar 2019 3:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	27.8
138	23.0	19.4	29.0

