

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030819\
 Data File : BF112948.D
 Acq On : 8 Mar 2019 17:00
 Operator : JU/SJ
 Sample : K1801-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Quant Time: Mar 08 23:36:02 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

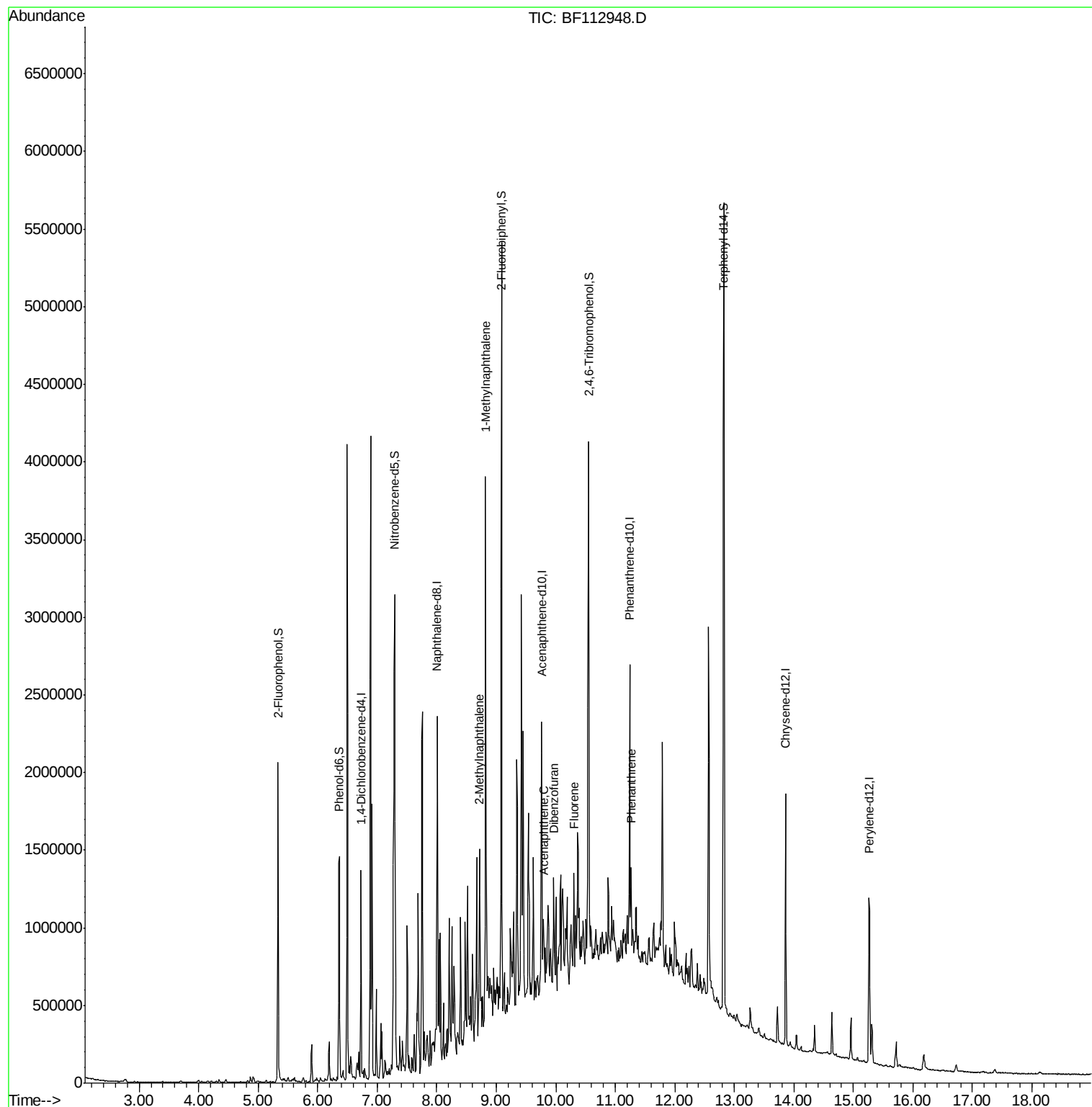
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	182844	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	663671	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	351028	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	708492	20.00	ng	0.00
76) Chrysene-d12	13.86	240	574714	20.00	ng	-0.01
87) Perylene-d12	15.26	264	529072	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	616769	52.47	ng	-0.01
7) Phenol-d6	6.36	99	521189	35.30	ng	0.00
23) Nitrobenzene-d5	7.29	82	1024546	92.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	532813	142.98	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1798531	84.85	ng	0.00
79) Terphenyl-d14	12.82	244	2158164	72.79	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.72	142	318099	14.949	ng	99
38) 1-Methylnaphthalene	8.83	142	976971	47.398	ng	100
52) Acenaphthene	9.79	154	69707	3.141	ng	94
55) Dibenzofuran	9.96	168	85460	2.649	ng	# 82
58) Fluorene	10.30	166	141308	6.172	ng	# 95
71) Phenanthrene	11.26	178	148438	4.211	ng	99

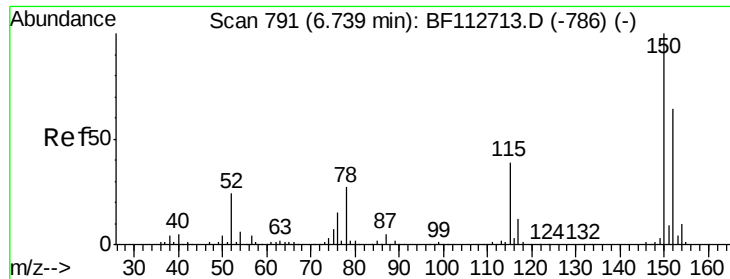
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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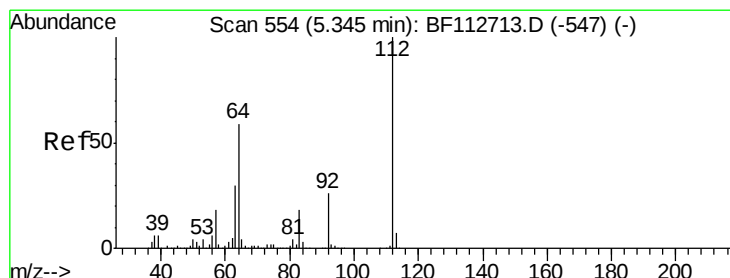
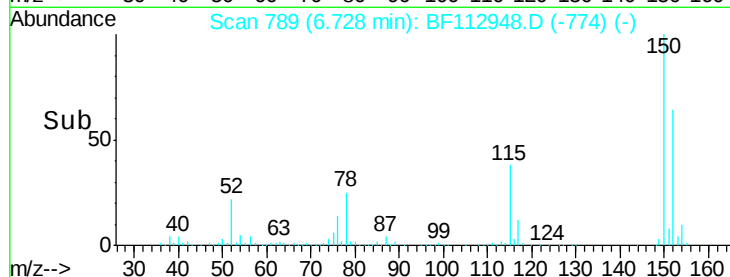
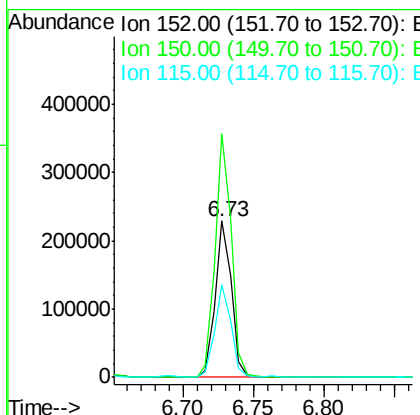
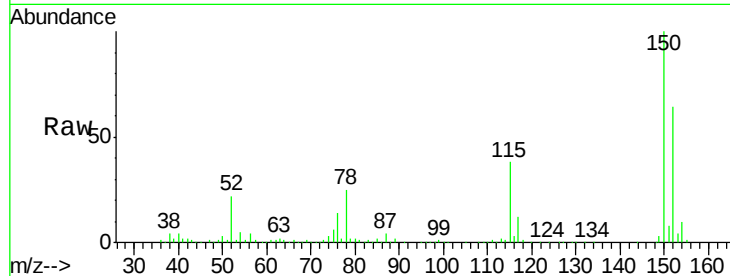




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112948.D
 Acq: 8 Mar 2019 17:00

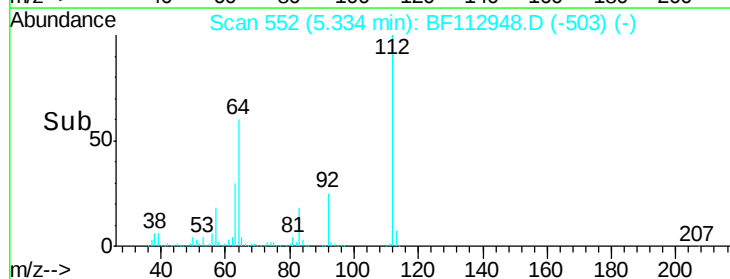
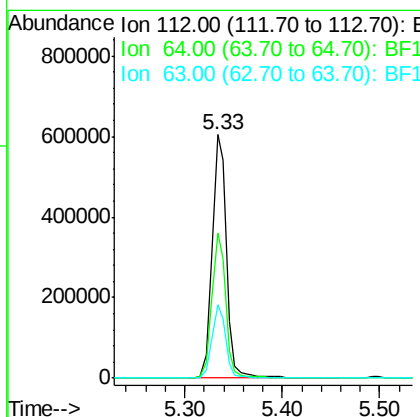
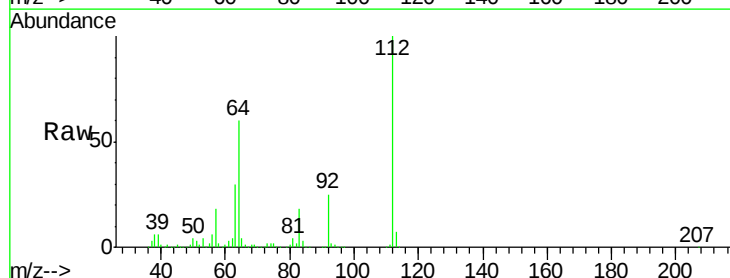
Instrument :
 BNA_F
 ClientSampleId :
 RW-1

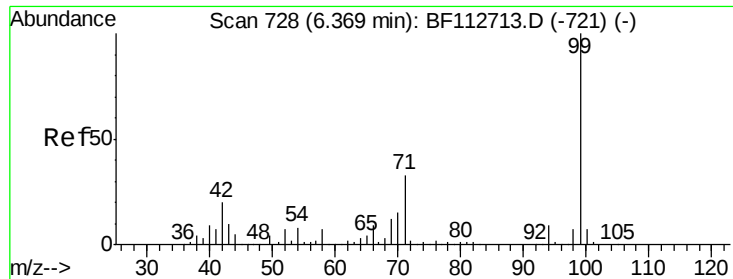
Tgt Ion:152 Resp: 182844
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.2 186.2
 115 59.1 48.2 72.4



#5
 2-Fluorophenol
 Concen: 52.472 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF112948.D
 Acq: 8 Mar 2019 17:00

Tgt Ion:112 Resp: 616769
 Ion Ratio Lower Upper
 112 100
 64 59.7 47.6 71.4
 63 30.0 24.4 36.6





#7

Phenol-d6

Concen: 35.298 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112948.D

Acq: 8 Mar 2019 17:00

Instrument :

BNA_F

ClientSampleId :

RW-1

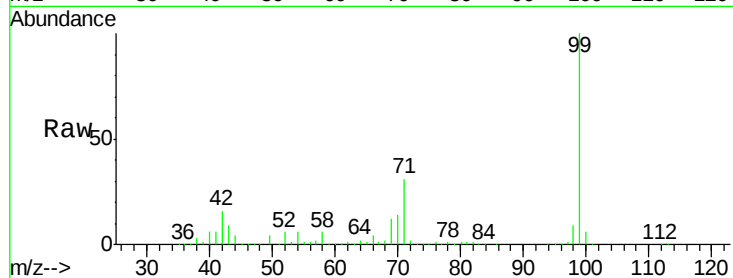
Tgt Ion: 99 Resp: 521189

Ion Ratio Lower Upper

99 100

42 16.4 16.3 24.5

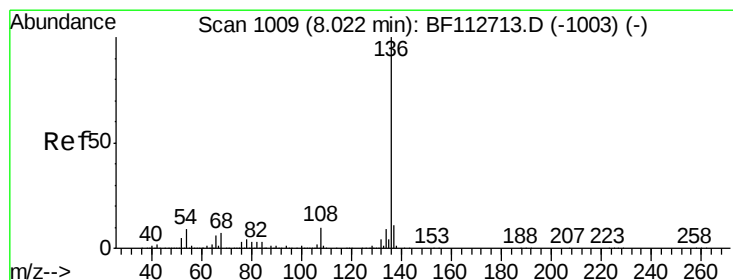
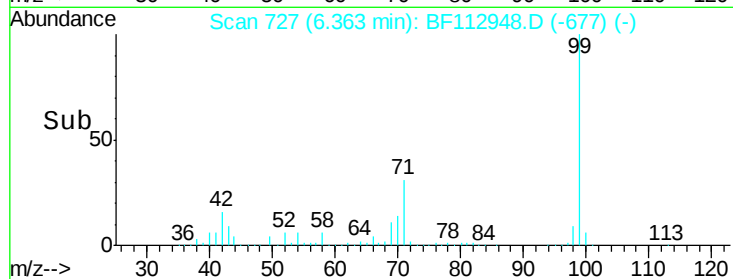
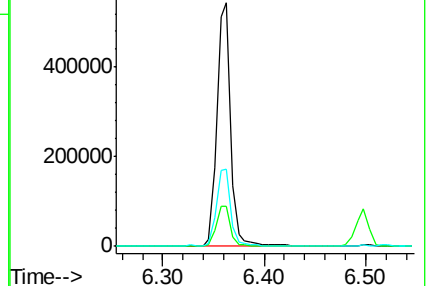
71 31.5 26.2 39.4



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112948.D

Acq: 8 Mar 2019 17:00

Tgt Ion: 136 Resp: 663671

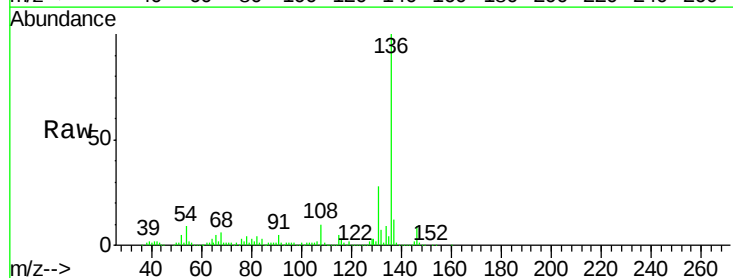
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 8.5 7.3 10.9

68 6.4 5.4 8.2

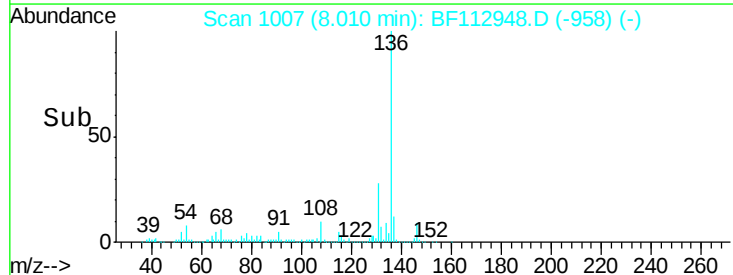
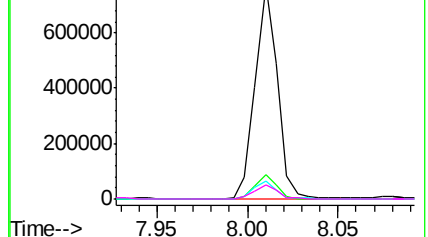


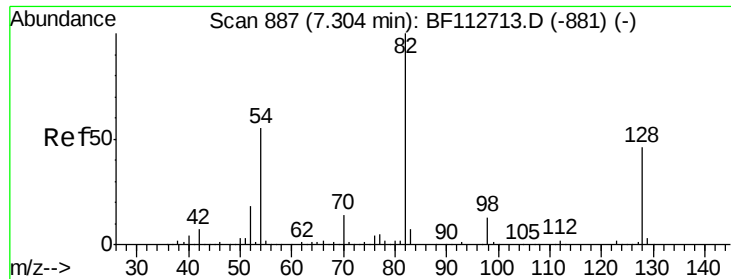
Abundance Ion 136.00 (135.70 to 136.70): E

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

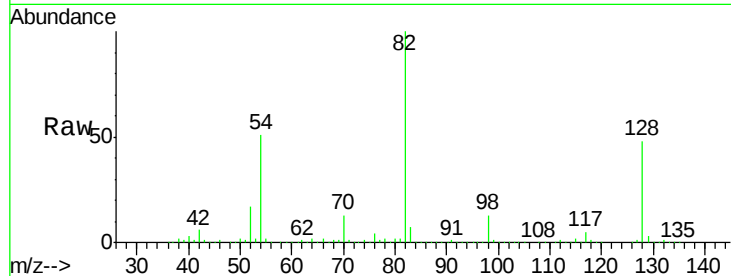




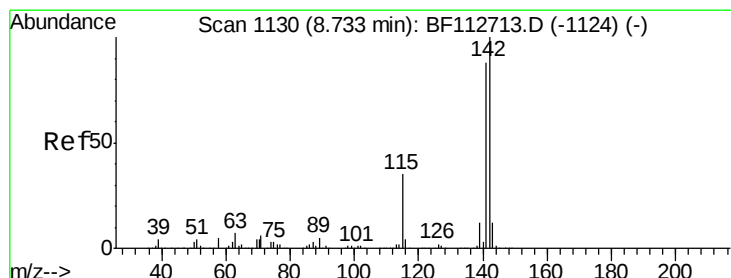
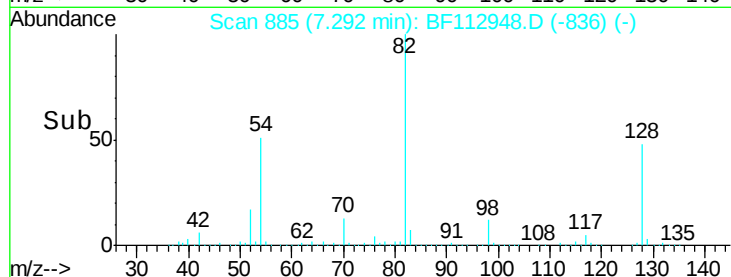
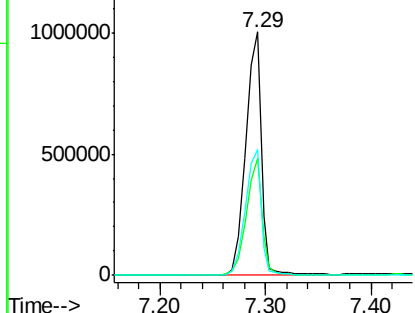
#23
 Nitrobenzene-d5
 Concen: 92.375 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF112948.D
 Acq: 8 Mar 2019 17:00

Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Tgt Ion: 82 Resp: 1024546
 Ion Ratio Lower Upper
 82 100
 128 48.0 36.3 54.5
 54 51.5 43.7 65.5

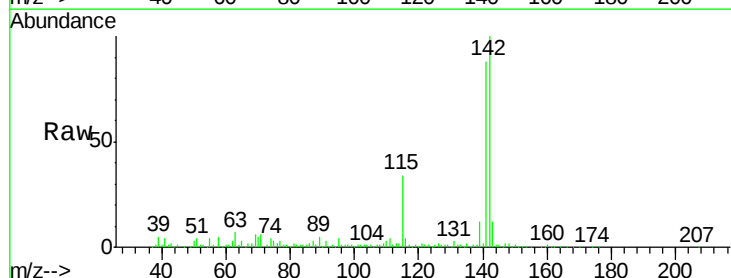


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

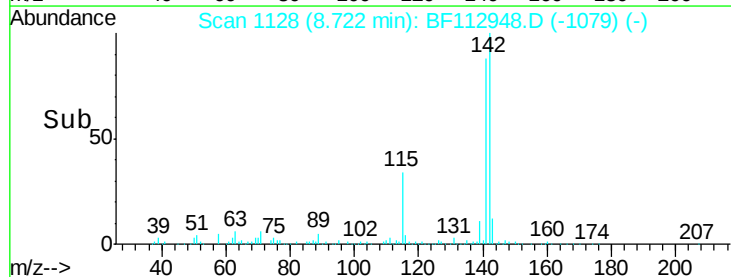
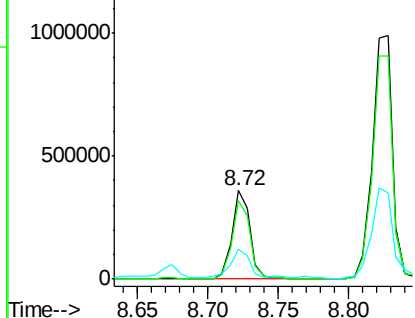


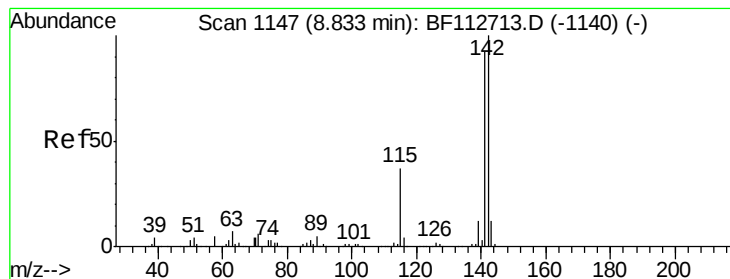
#37
 2-Methylnaphthalene
 Concen: 14.949 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF112948.D
 Acq: 8 Mar 2019 17:00

Tgt Ion: 142 Resp: 318099
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.3 105.5
 115 34.2 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): BF1
 Ion 141.00 (140.70 to 141.70): BF1
 Ion 115.00 (114.70 to 115.70): BF1





#38

1-Methylnaphthalene

Concen: 47.398 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF112948.D

Acq: 8 Mar 2019 17:00

Instrument :

BNA_F

ClientSampled :

RW-1

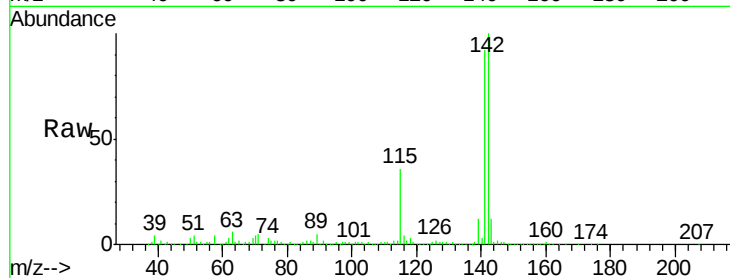
Tgt Ion:142 Resp: 976971

Ion Ratio Lower Upper

142 100

141 91.8 73.7 110.5

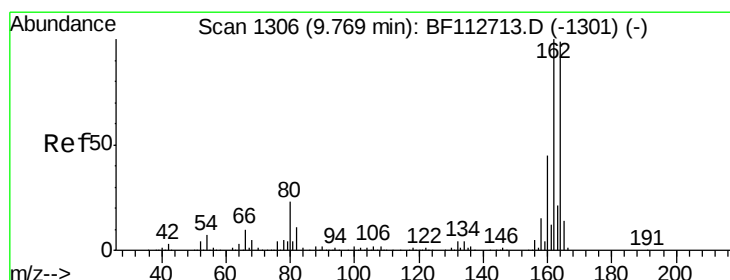
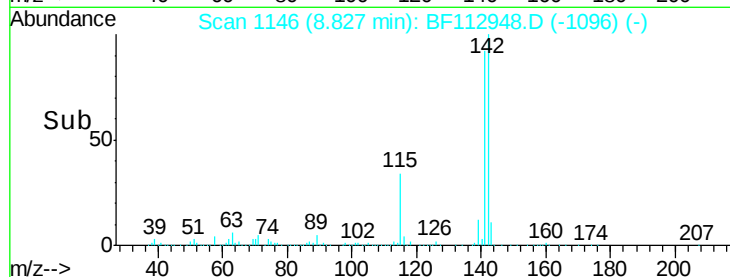
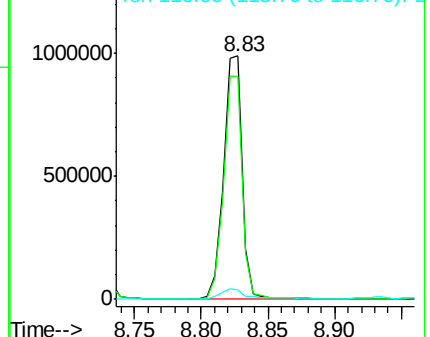
116 3.9 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF112948.D

Acq: 8 Mar 2019 17:00

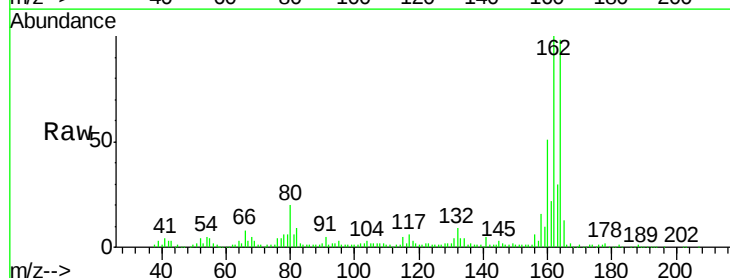
Tgt Ion:164 Resp: 351028

Ion Ratio Lower Upper

164 100

162 102.4 80.6 120.8

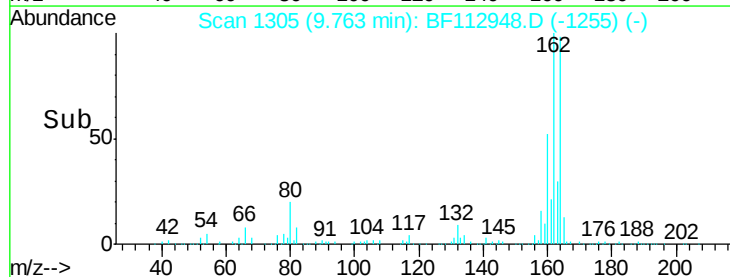
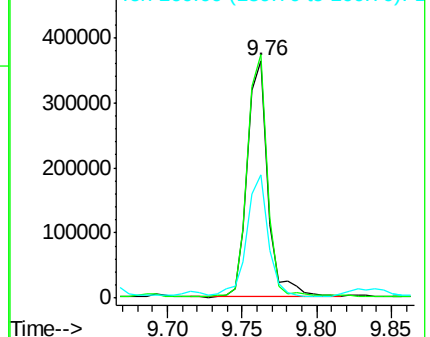
160 51.9 36.0 54.0

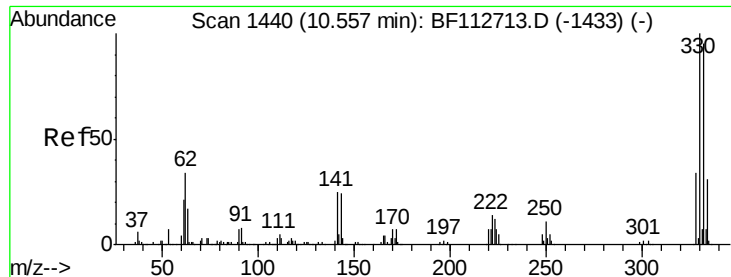


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

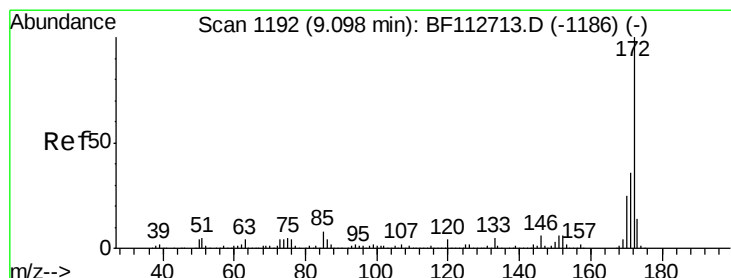
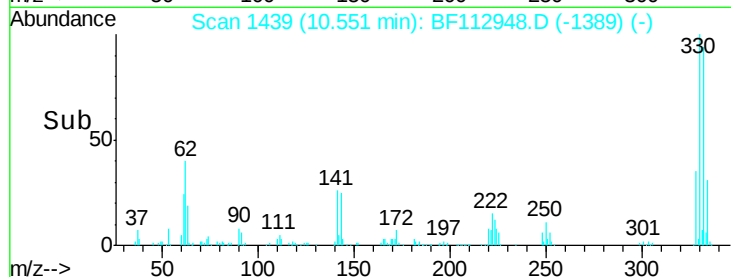
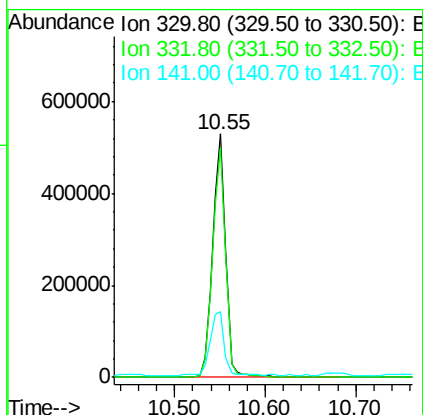
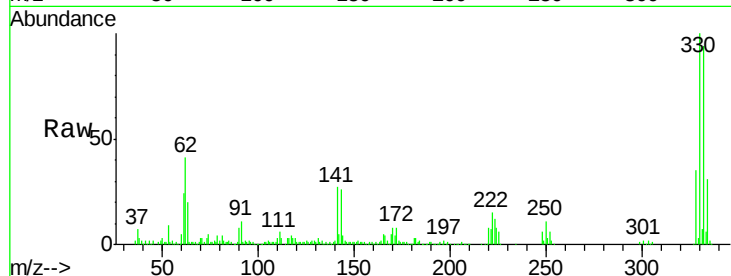




#42
 2,4,6-Tribromophenol
 Concen: 142.976 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF112948.D
 Acq: 8 Mar 2019 17:00

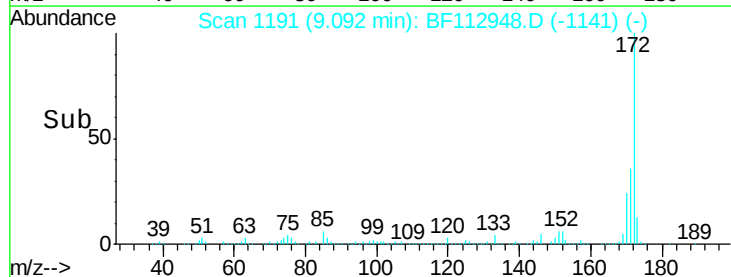
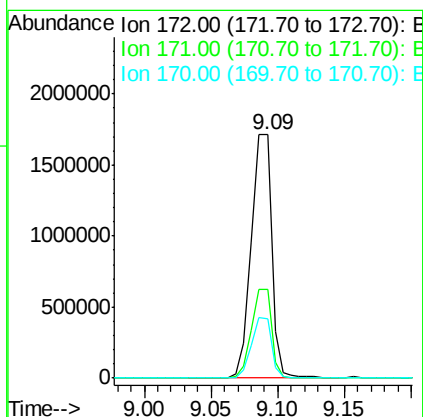
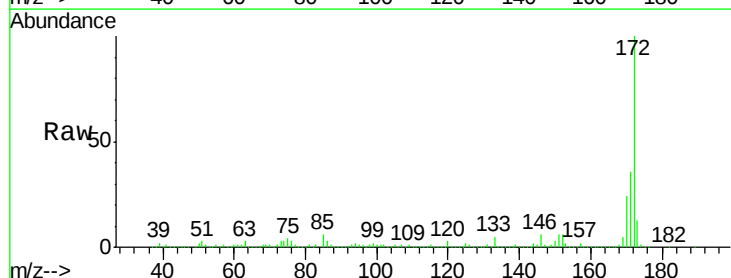
Instrument :
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 RW-1

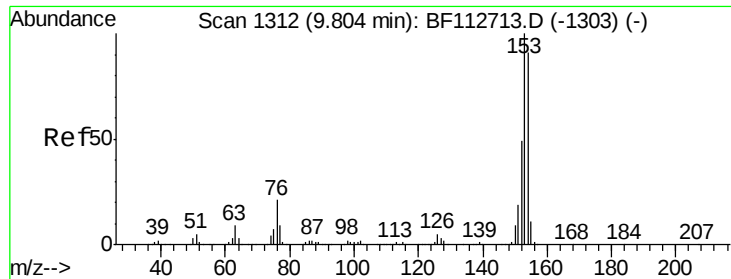
Tgt Ion: 330 Resp: 532813
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.2 114.4
 141 28.4 27.0 40.6



#45
 2-Fluorobiphenyl
 Concen: 84.851 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF112948.D
 Acq: 8 Mar 2019 17:00

Tgt Ion: 172 Resp: 1798531
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.4
 170 24.4 20.0 30.0

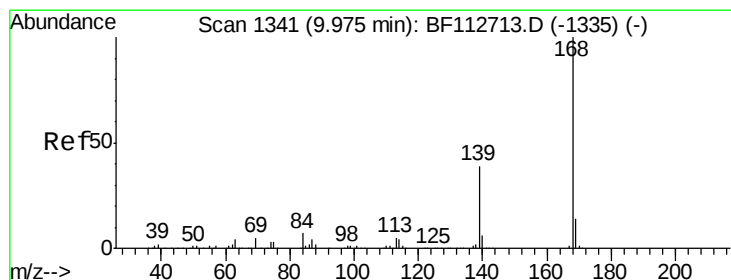
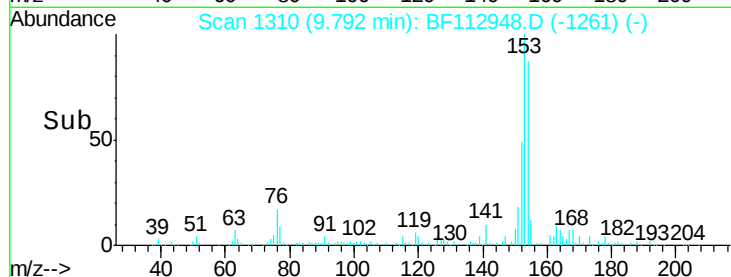
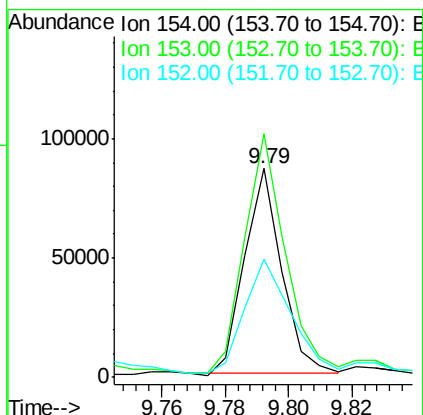
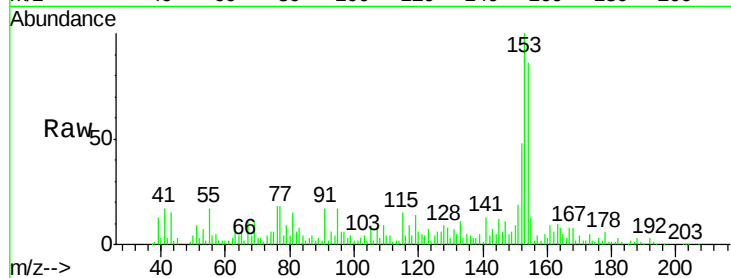




#52
Acenaphthene
Concen: 3.141 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF112948.D
Acq: 8 Mar 2019 17:00

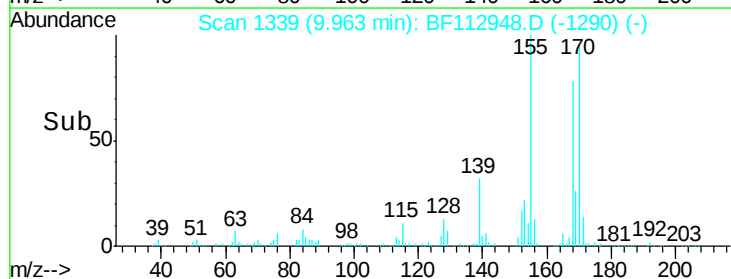
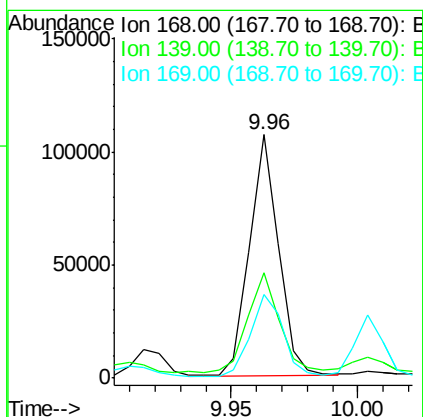
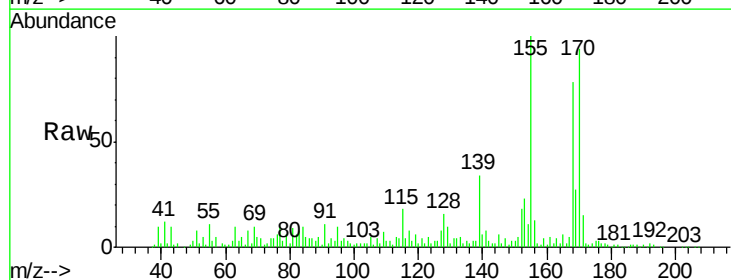
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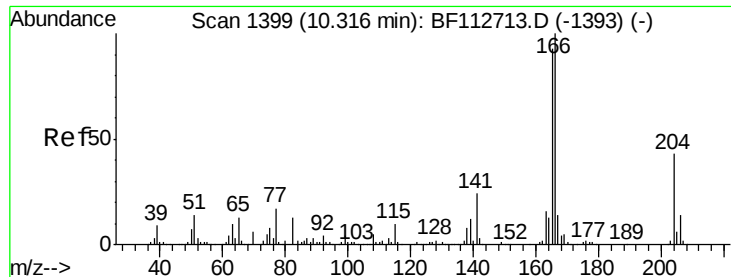
Tgt Ion:154 Resp: 69707
Ion Ratio Lower Upper
154 100
153 116.7 87.8 131.8
152 56.6 43.0 64.6



#55
Dibenzofuran
Concen: 2.649 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF112948.D
Acq: 8 Mar 2019 17:00

Tgt Ion:168 Resp: 85460
Ion Ratio Lower Upper
168 100
139 43.3 31.3 46.9
169 34.4 11.3 16.9#





#58

Fluorene

Concen: 6.172 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF112948.D

Acq: 8 Mar 2019 17:00

Instrument :

BNA_F

ClientSampleId :

RW-1

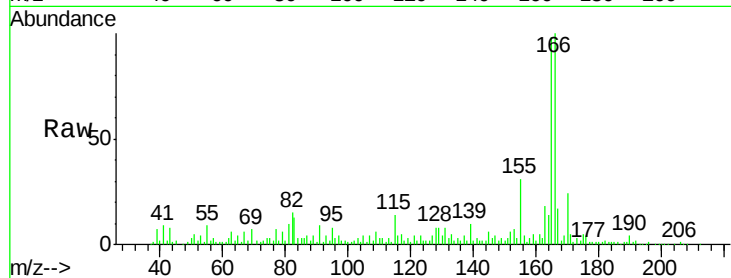
Tgt Ion:166 Resp: 141308

Ion Ratio Lower Upper

166 100

165 98.0 74.7 112.1

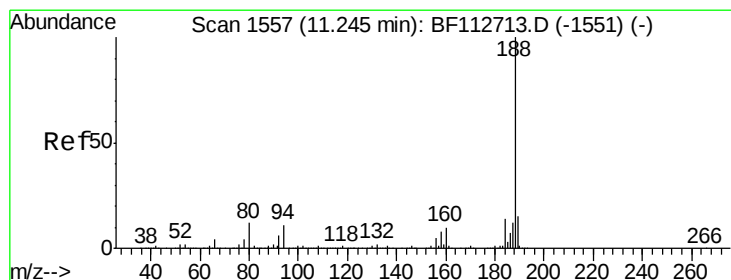
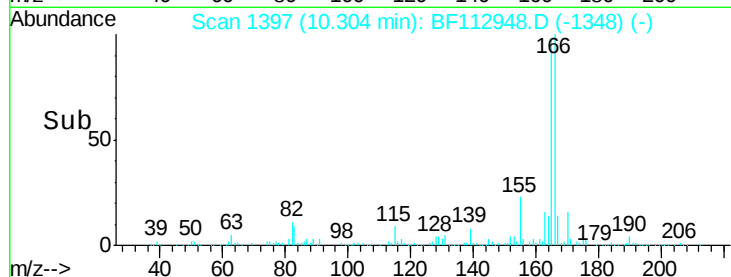
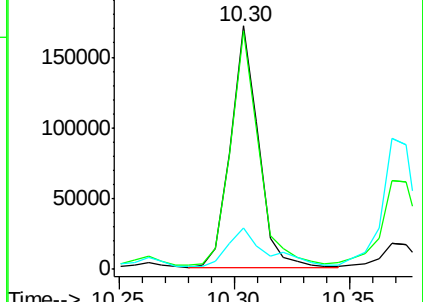
167 16.9 11.0 16.6#



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: BF112948.D

Acq: 8 Mar 2019 17:00

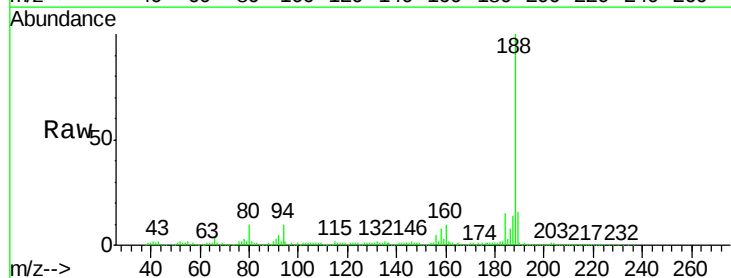
Tgt Ion:188 Resp: 708492

Ion Ratio Lower Upper

188 100

94 10.2 9.0 13.4

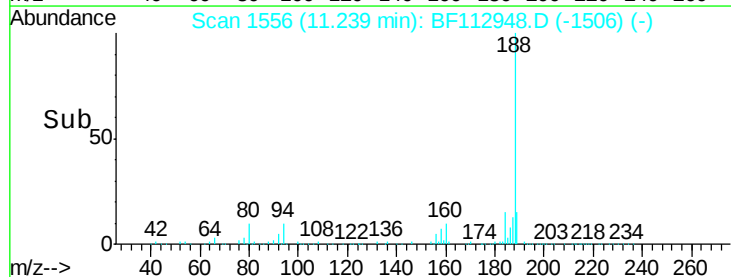
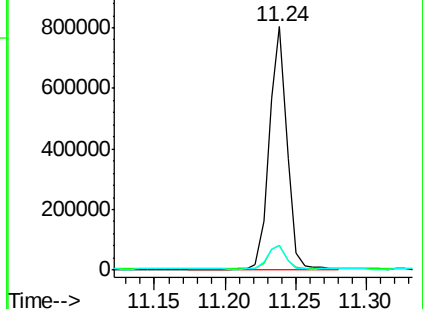
80 10.4 9.2 13.8

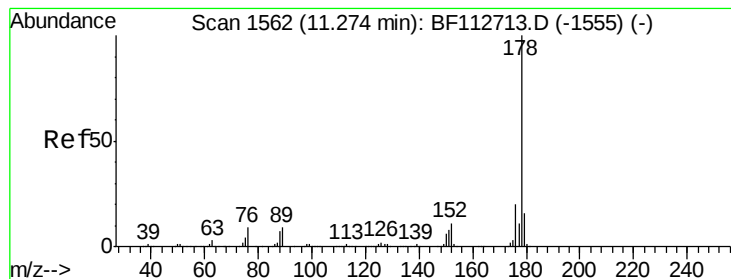


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 4.211 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF112948.D

Acq: 8 Mar 2019 17:00

Instrument :

BNA_F

ClientSampleId :

RW-1

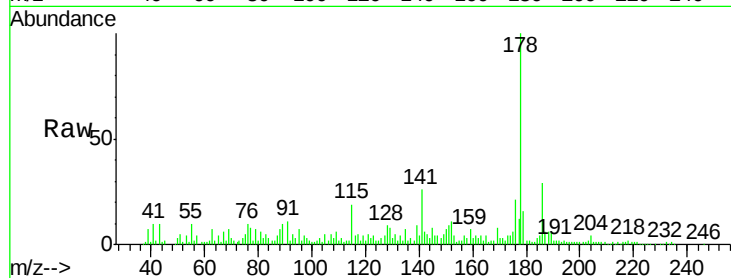
Tgt Ion:178 Resp: 148438

Ion Ratio Lower Upper

178 100

176 20.5 16.3 24.5

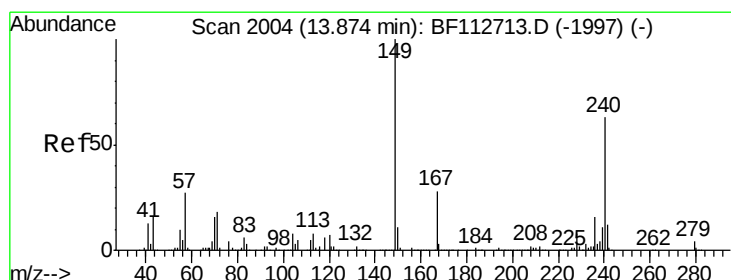
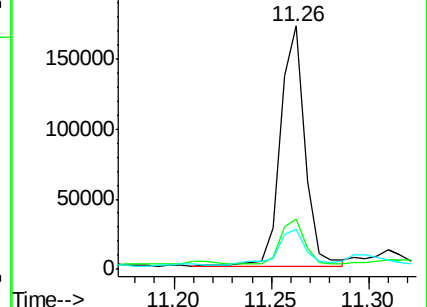
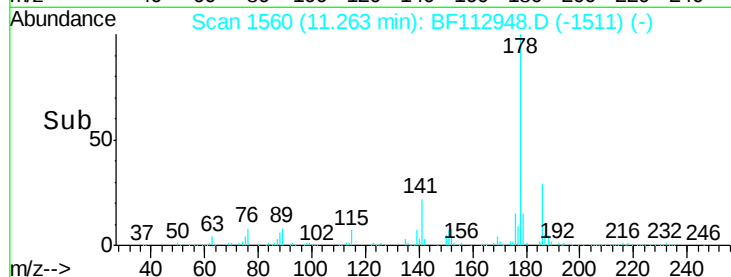
179 16.4 12.7 19.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF112948.D

Acq: 8 Mar 2019 17:00

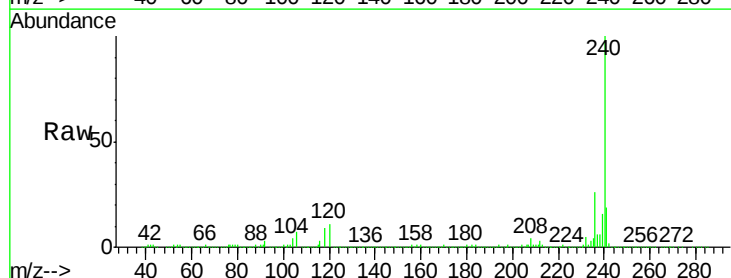
Tgt Ion:240 Resp: 574714

Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

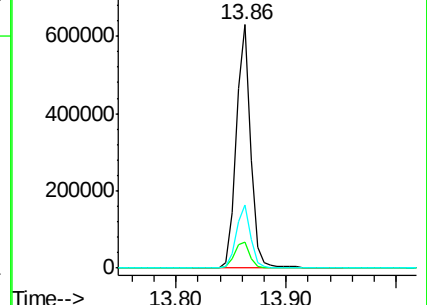
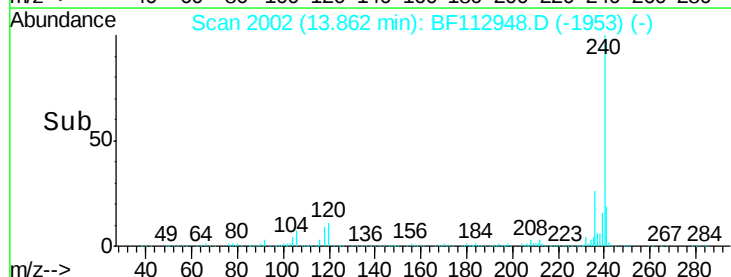
236 26.1 20.7 31.1

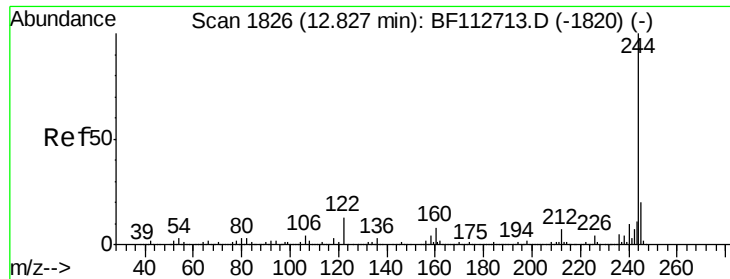


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

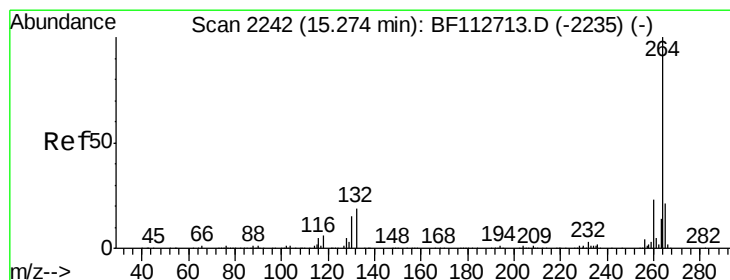
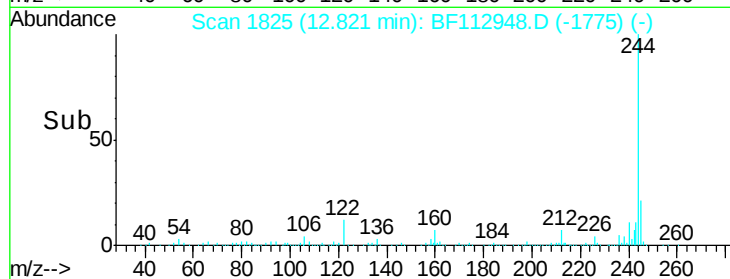
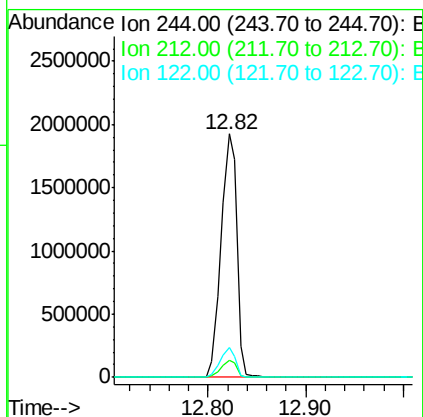
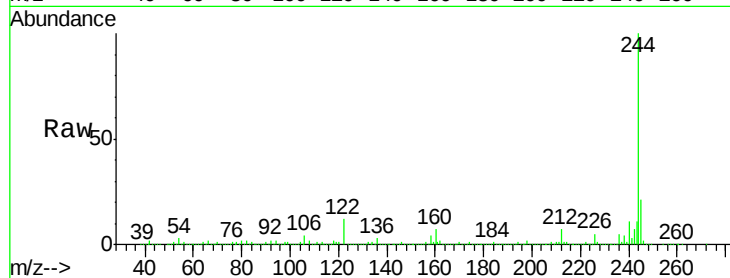




#79
 Terphenyl-d14
 Concen: 72.794 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112948.D
 Acq: 8 Mar 2019 17:00

Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Tgt Ion:244 Resp: 2158164
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 12.2 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF112948.D
 Acq: 8 Mar 2019 17:00

Tgt Ion:264 Resp: 529072
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 21.7 17.2 25.8

