

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
 Data File : BF107362.D
 Acq On : 13 Jul 2018 13:03
 Operator : JU/SJ
 Sample : J3947-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAR-3

Quant Time: Jul 13 14:48:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

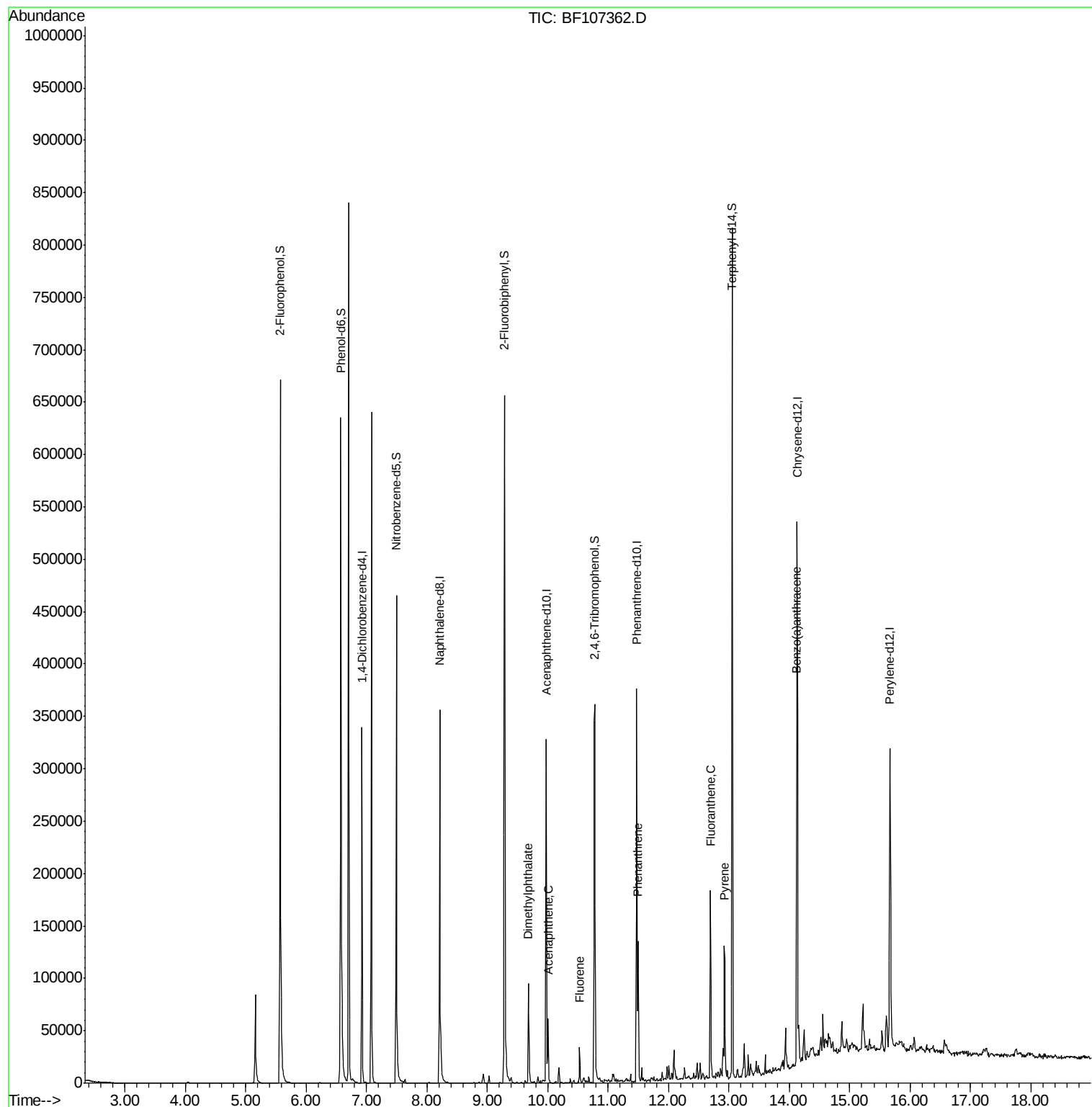
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	51565	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	188289	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	79356	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	144370	20.00	ng	0.00
75) Chrysene-d12	14.13	240	172921	20.00	ng	0.00
86) Perylene-d12	15.67	264	152544	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	230119	75.57	ng	0.00
7) Phenol-d6	6.57	99	274366	72.15	ng	0.00
23) Nitrobenzene-d5	7.50	82	163178	48.16	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	61960	67.37	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	260293	49.33	ng	0.00
78) Terphenyl-d14	13.05	244	280489	39.29	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.68	163	48440	8.139	ng	99
51) Acenaphthene	10.01	154	13394	2.706	ng	99
57) Fluorene	10.53	166	11778	2.190	ng	98
70) Phenanthrene	11.49	178	52693	7.567	ng	99
74) Fluoranthene	12.69	202	71549	9.322	ng	94
77) Pyrene	12.92	202	57568	5.049	ng	97
80) Benzo(a)anthracene	14.12	228	22474	2.132	ng	96

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

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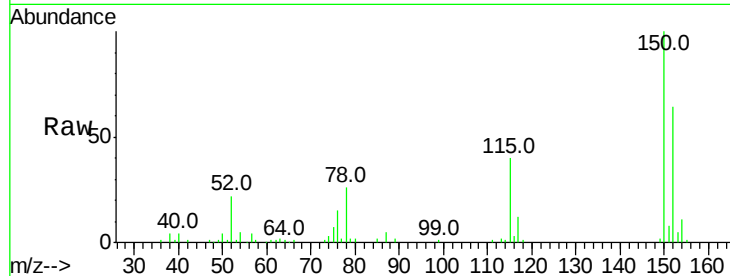


#1

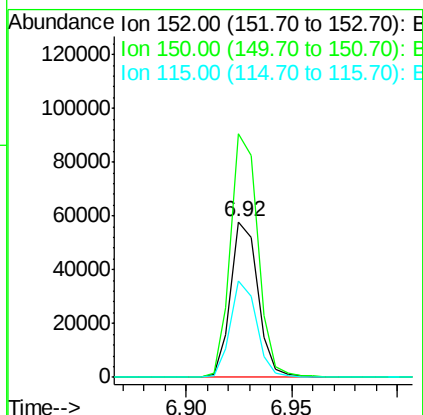
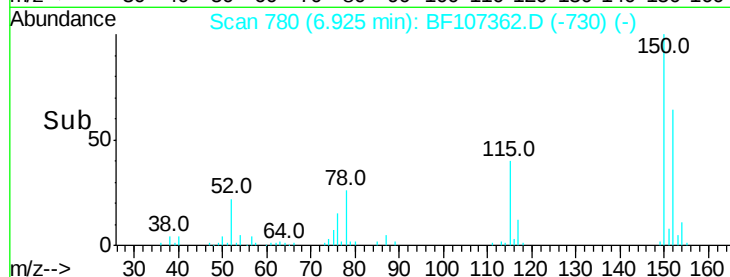
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF107362.D
Acq: 13 Jul 2018 13:03

Instrument :
BNA_F
ClientSampleId :
PAR-3

Tot Ion:152 Resp: 51565
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 62.0 50.1 75.1



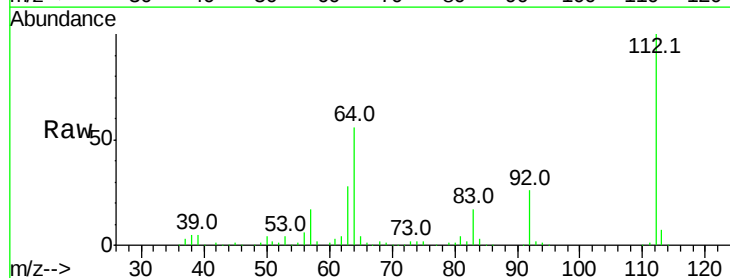
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



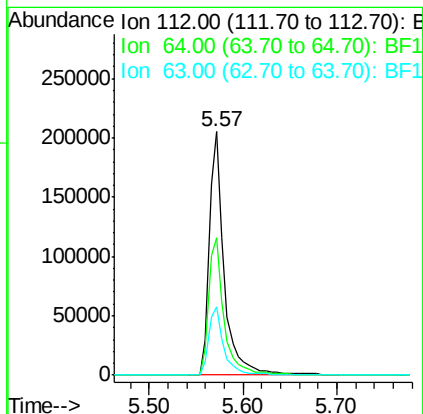
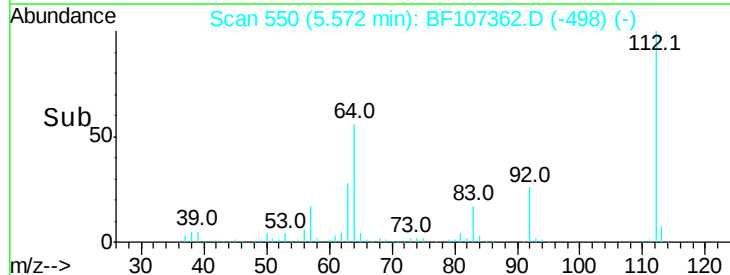
#5

2-Fluorophenol
Concen: 75.568 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107362.D
Acq: 13 Jul 2018 13:03

Tgt Ion:112 Resp: 230119
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 27.9 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: 72.147 ng

RT: 6.57 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF107362.D

Acq: 13 Jul 2018 13:03

Instrument :

BNA_F

ClientSampleId :

PAR-3

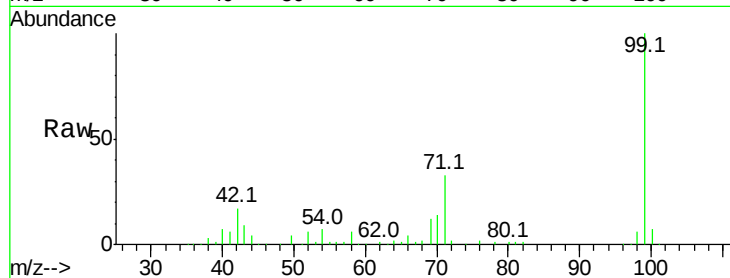
Tot Ion: 99 Resp: 274366

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

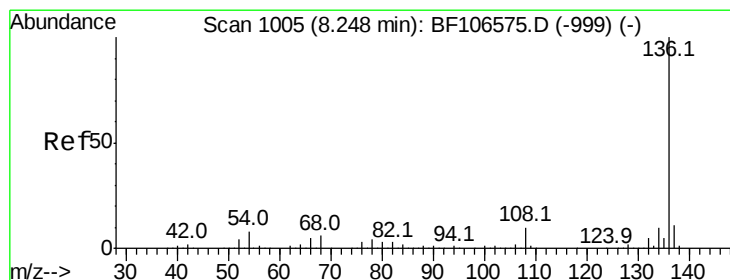
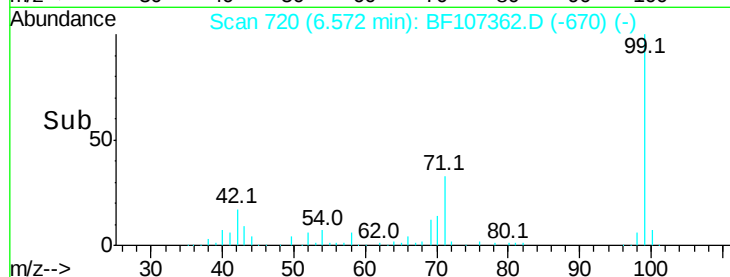
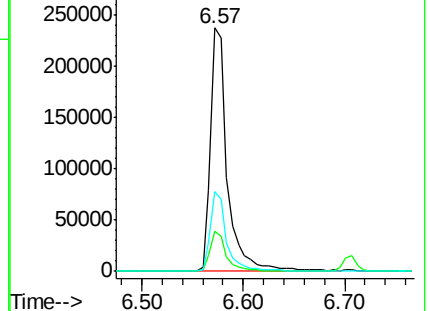
71 32.6 25.4 38.0



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: 8.21 min Scan# 999

Delta R.T. -0.00 min

Lab File: BF107362.D

Acq: 13 Jul 2018 13:03

Tgt Ion: 136 Resp: 188289

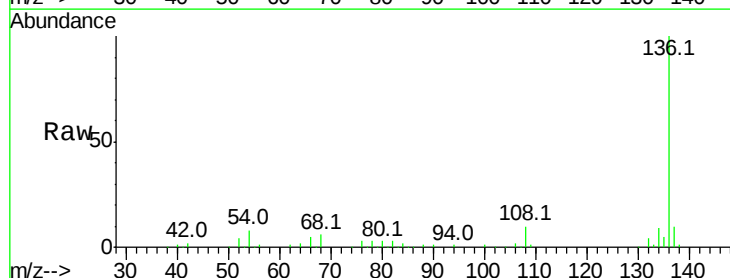
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 8.0 6.6 9.8

68 6.2 5.0 7.4

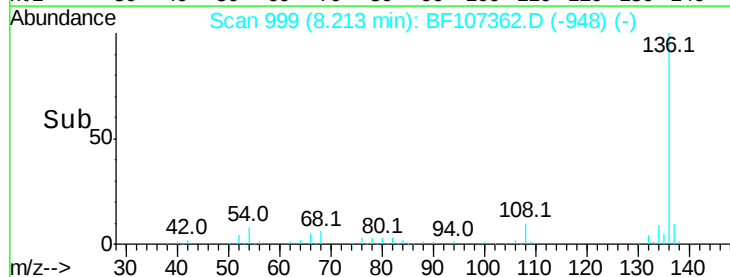
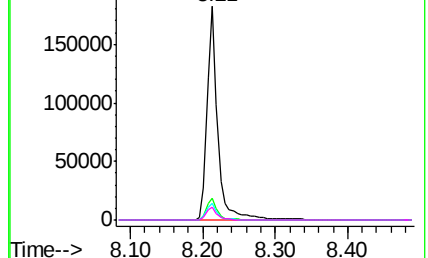


Abundance Ion 136.00 (135.70 to 136.70): E

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

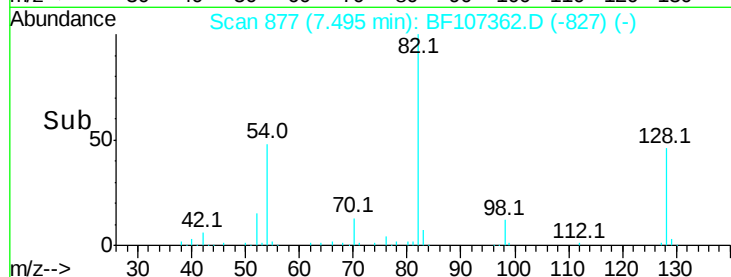
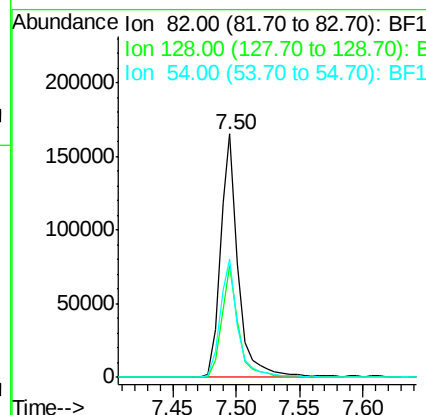
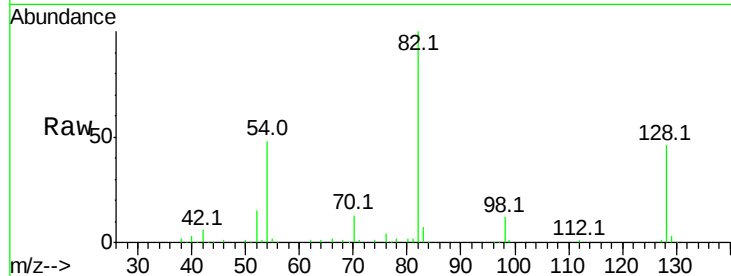




#23
 Nitrobenzene-d5
 Concen: 48.162 ng
 RT: 7.50 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF107362.D
 Acq: 13 Jul 2018 13:03

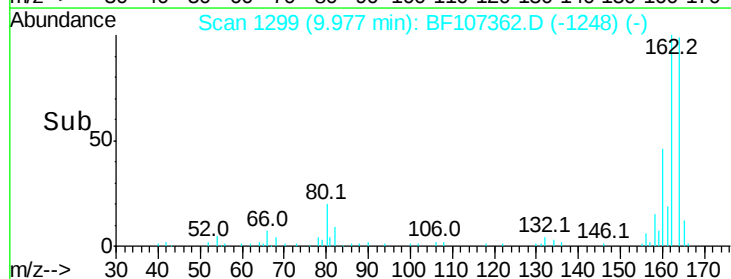
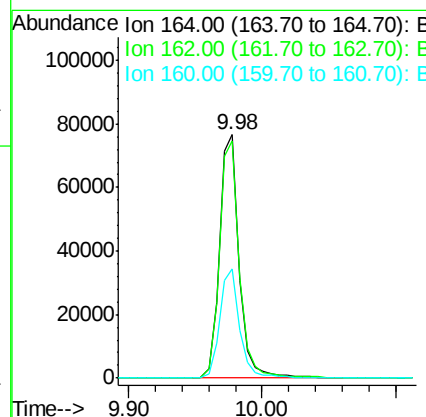
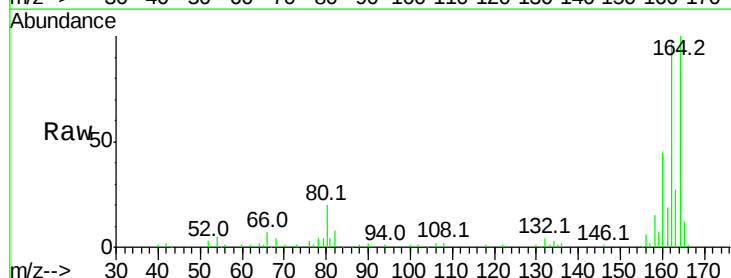
Instrument :
 BNA_F
 ClientSampled :
 PAR-3

Tot Ion	82	Resp	163178
Ion Ratio	Lower	Upper	
82	100		
128	45.9	36.1	54.1
54	48.5	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF107362.D
 Acq: 13 Jul 2018 13:03

Tgt Ion	164	Resp	79356
Ion Ratio	Lower	Upper	
164	100		
162	97.4	86.1	129.1
160	45.1	38.3	57.5

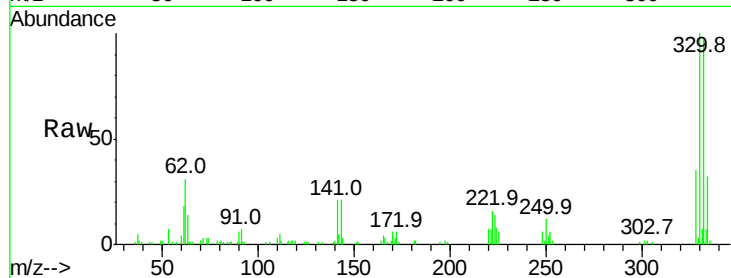




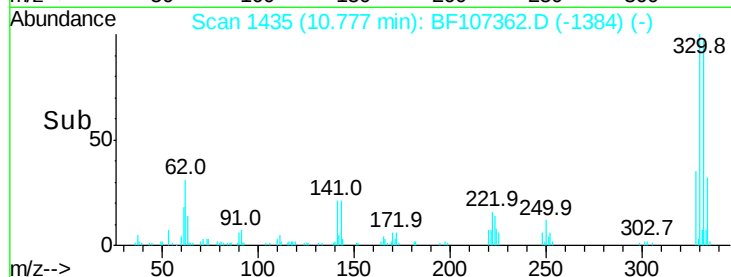
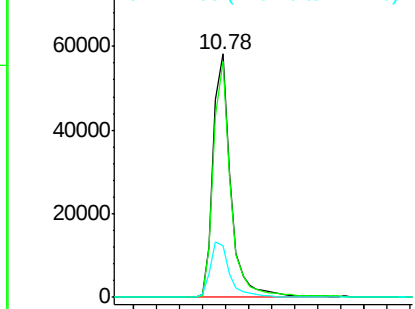
#41
 2,4,6-Tribromophenol
 Concen: 67.366 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BF107362.D
 Acq: 13 Jul 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PAR-3

Tot Ion:330 Resp: 61960
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 24.5 29.9 44.9#

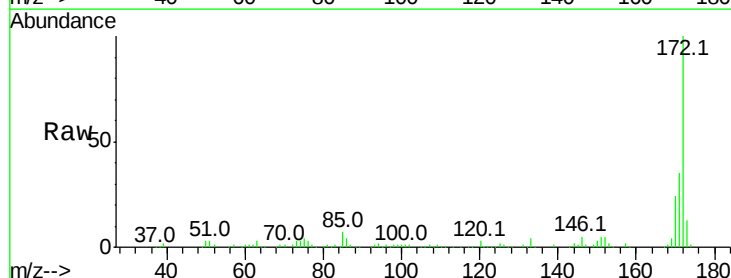


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

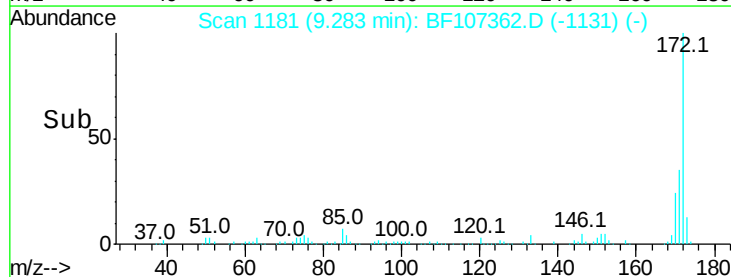
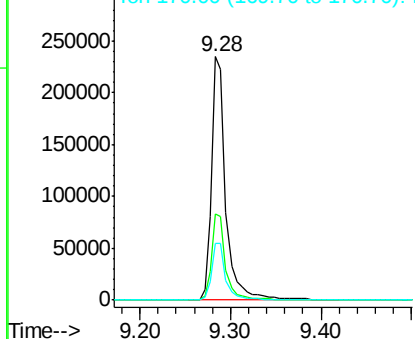


#44
 2-Fluorobiphenyl
 Concen: 49.329 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107362.D
 Acq: 13 Jul 2018 13:03

Tgt Ion:172 Resp: 260293
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.7 44.5
 170 23.5 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

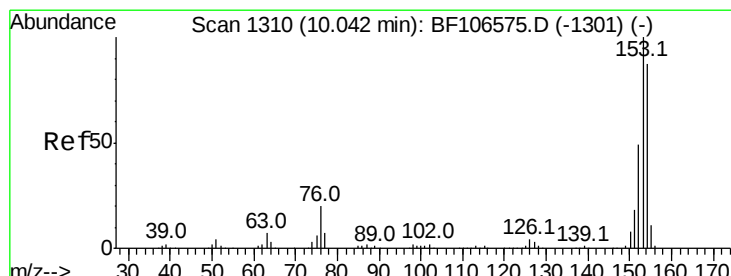
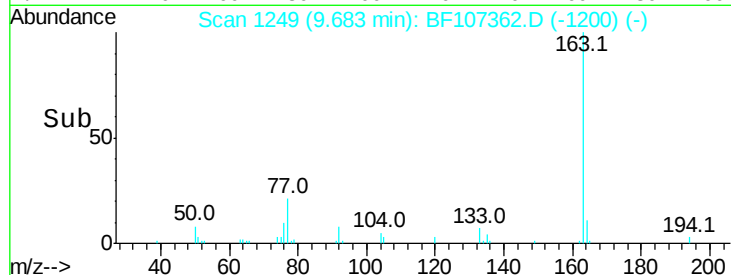
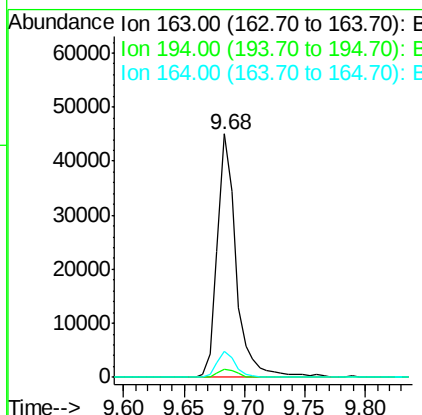
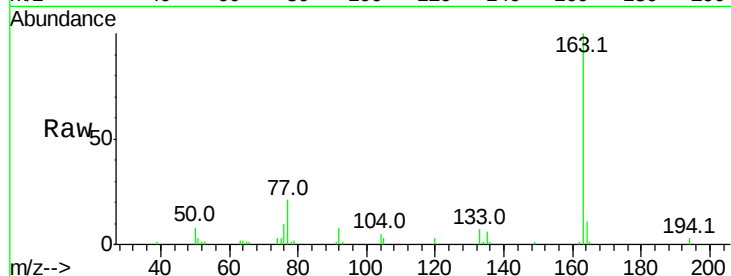




#49
Dimethylphthalate
Concen: 8.139 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107362.D
Acq: 13 Jul 2018 13:03

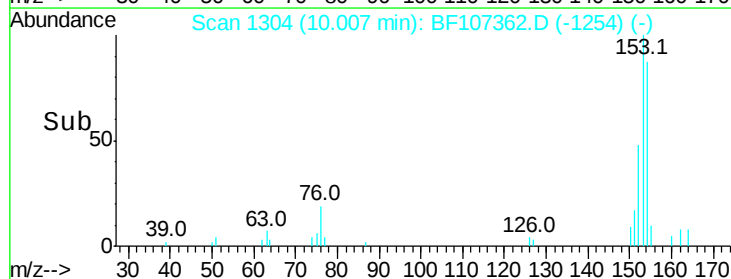
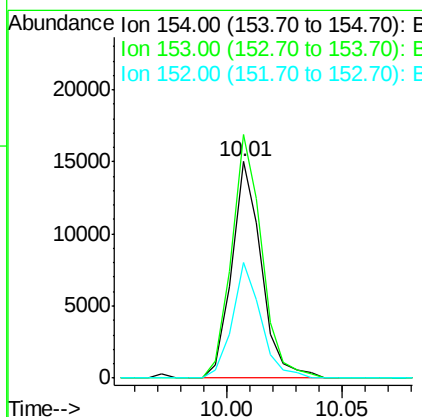
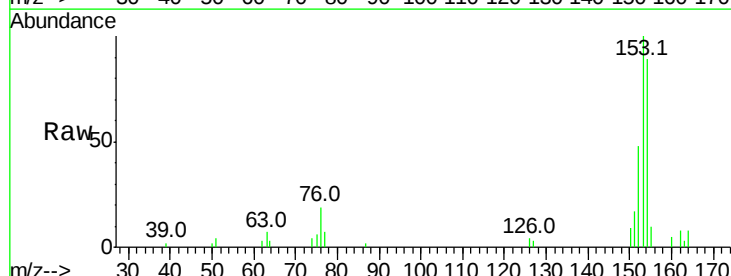
Instrument :
BNA_F
ClientSampleId :
PAR-3

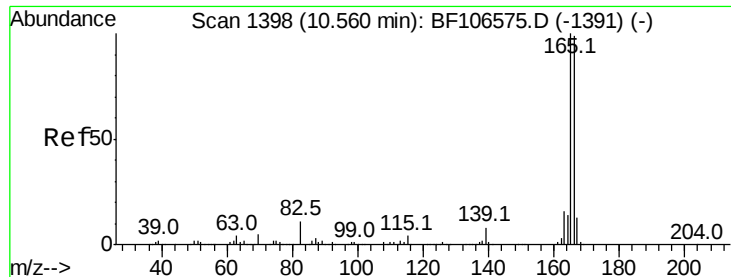
Tot Ion:163 Resp: 48440
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.5 8.2 12.2



#51
Acenaphthene
Concen: 2.706 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107362.D
Acq: 13 Jul 2018 13:03

Tgt Ion:154 Resp: 13394
Ion Ratio Lower Upper
154 100
153 112.5 91.2 136.8
152 53.6 43.8 65.8

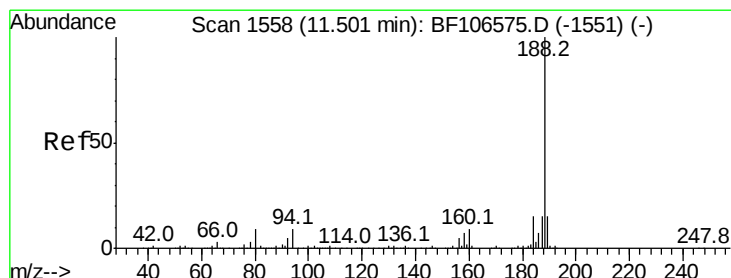
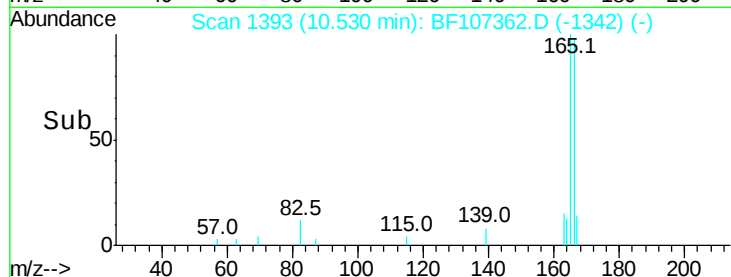
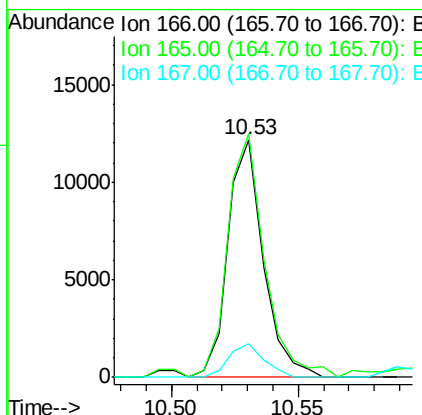
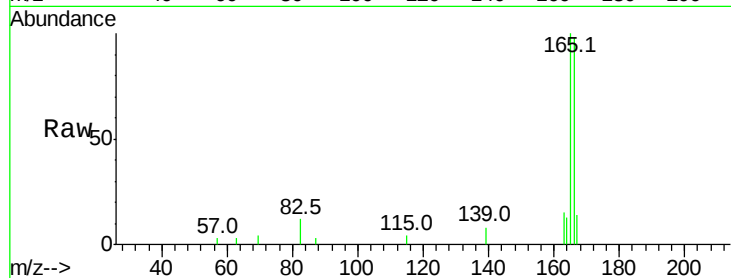




#57
 Fluorene
 Concen: 2.190 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BF107362.D
 Acq: 13 Jul 2018 13:03

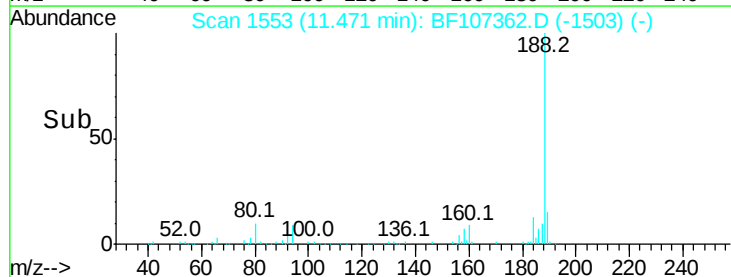
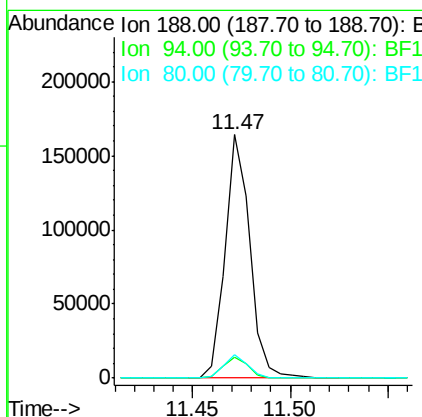
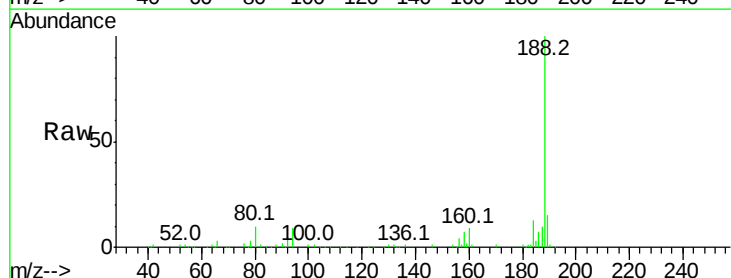
Instrument :
 BNA_F
 ClientSampleId :
 PAR-3

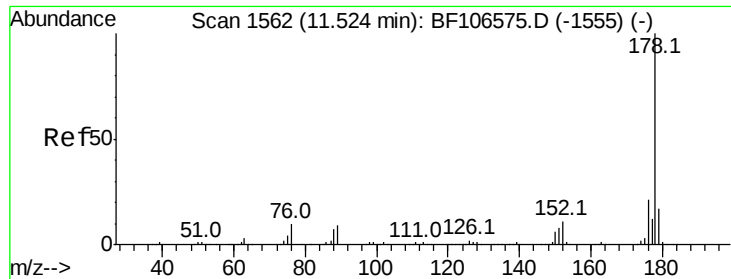
Tot Ion:166 Resp: 11778
 Ion Ratio Lower Upper
 166 100
 165 102.4 79.8 119.8
 167 14.0 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF107362.D
 Acq: 13 Jul 2018 13:03

Tgt Ion:188 Resp: 144370
 Ion Ratio Lower Upper
 188 100
 94 8.8 8.5 12.7
 80 9.7 9.2 13.8





#70

Phenanthrene

Concen: 7.567 ng

RT: 11.49 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF107362.D

Acq: 13 Jul 2018 13:03

Instrument :

BNA_F

ClientSampleId :

PAR-3

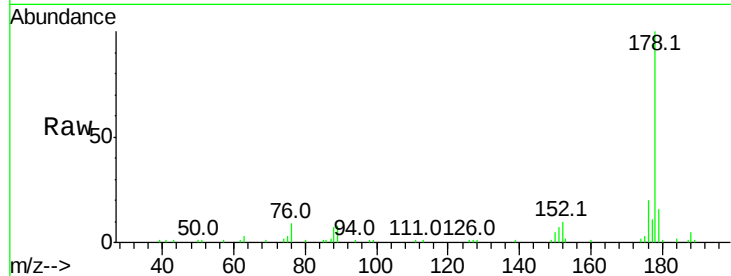
Tot Ion:178 Resp: 52693

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

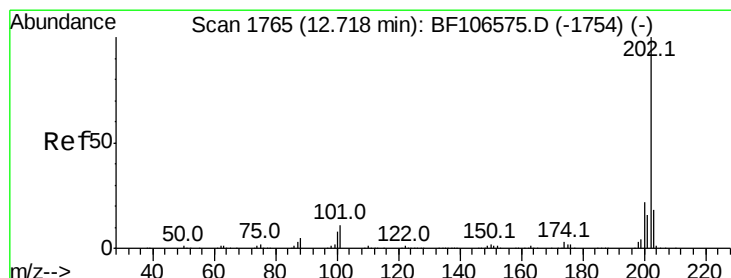
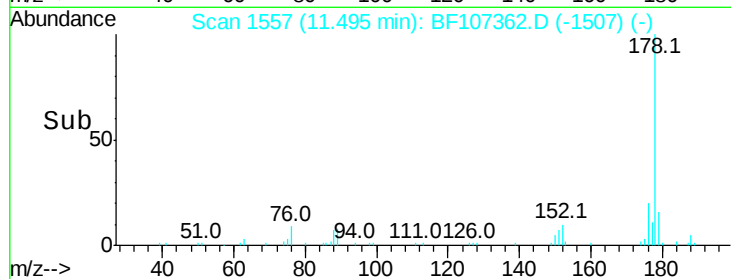
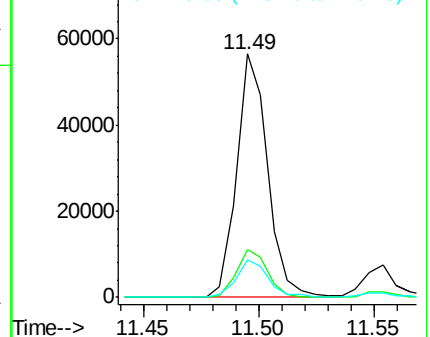
179 15.6 13.0 19.6



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



#74

Fluoranthene

Concen: 9.322 ng

RT: 12.69 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF107362.D

Acq: 13 Jul 2018 13:03

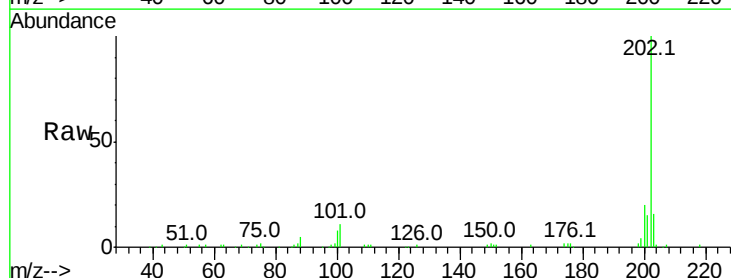
Tgt Ion:202 Resp: 71549

Ion Ratio Lower Upper

202 100

101 10.7 0.0 34.1

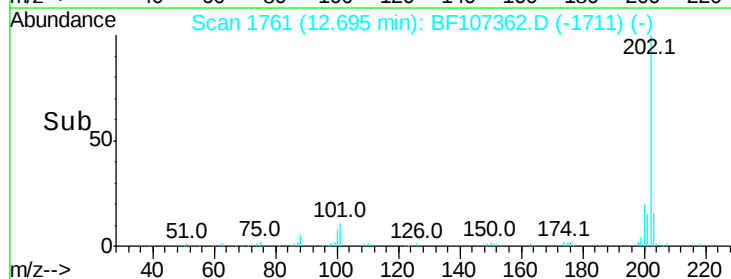
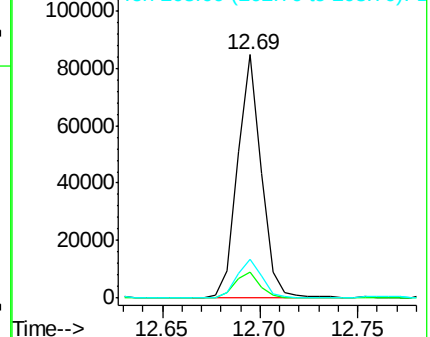
203 16.0 0.0 38.1

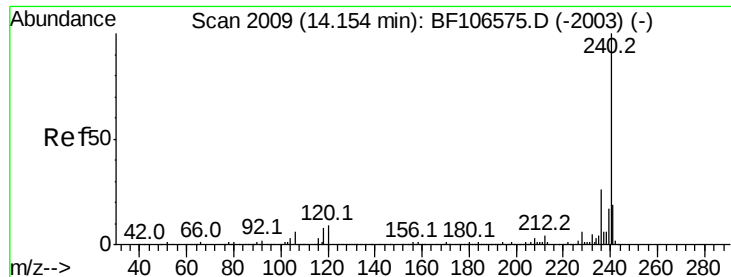


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.13 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF107362.D

Acq: 13 Jul 2018 13:03

Instrument :

BNA_F

ClientSampled :

PAR-3

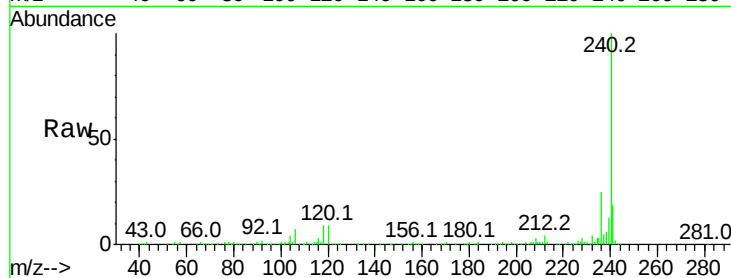
Tot Ion:240 Resp: 172921

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

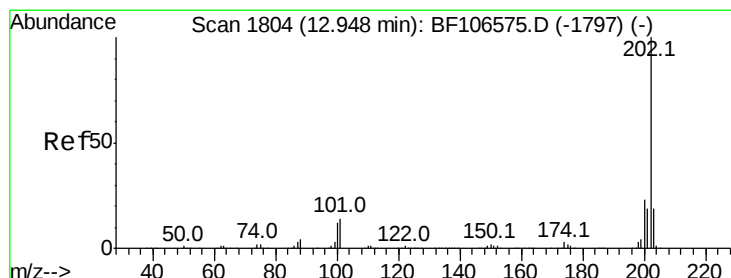
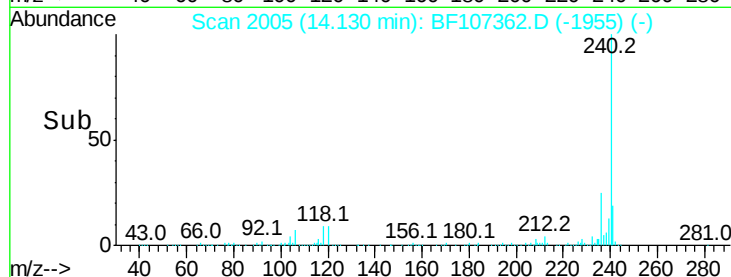
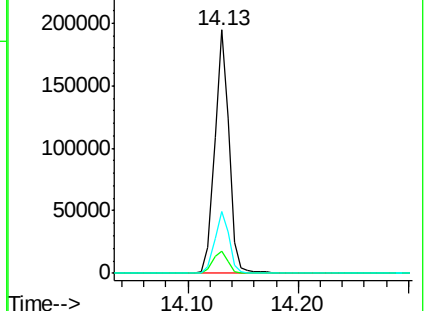
236 25.3 20.7 31.1



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

Pyrene

Concen: 5.049 ng

RT: 12.92 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF107362.D

Acq: 13 Jul 2018 13:03

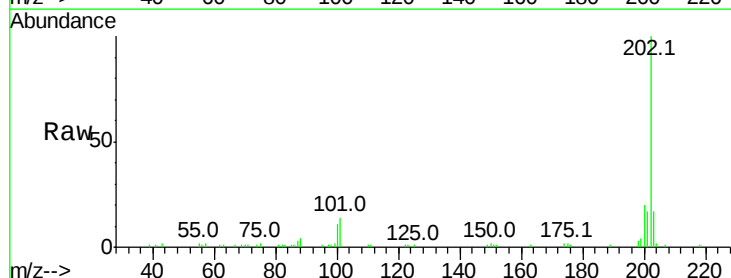
Tgt Ion:202 Resp: 57568

Ion Ratio Lower Upper

202 100

200 19.9 17.4 26.2

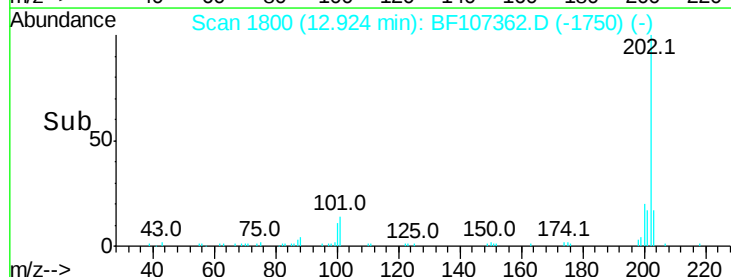
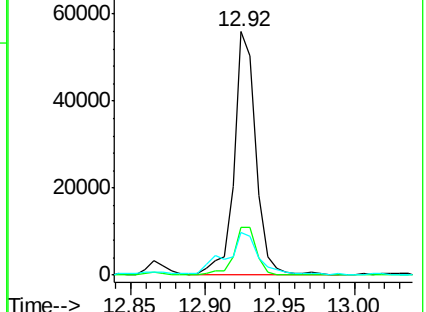
203 17.4 14.3 21.5

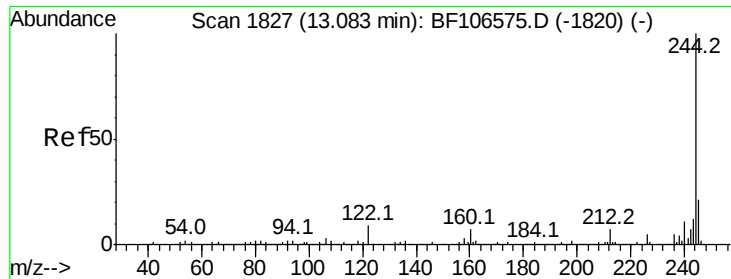


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

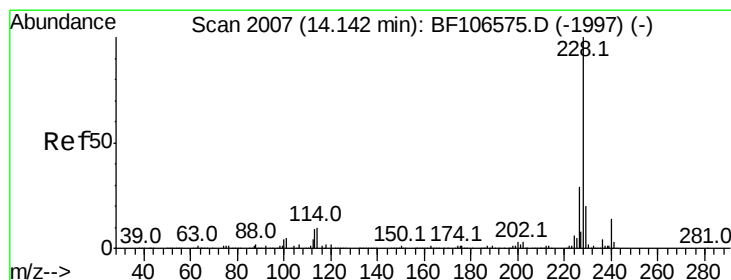
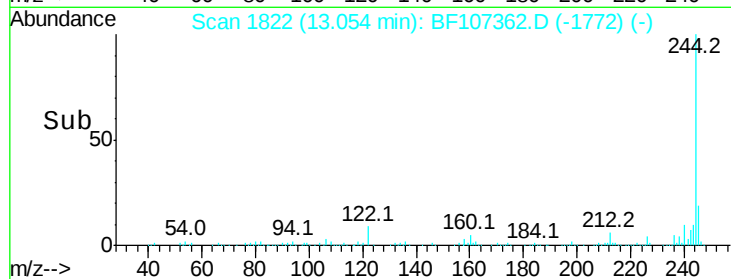
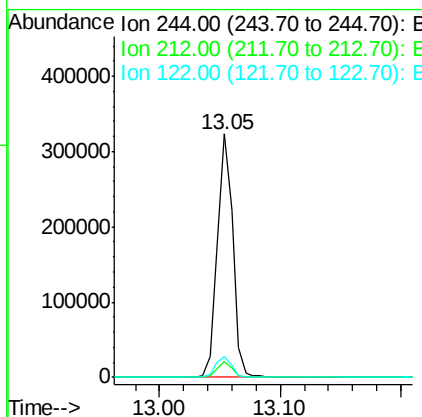
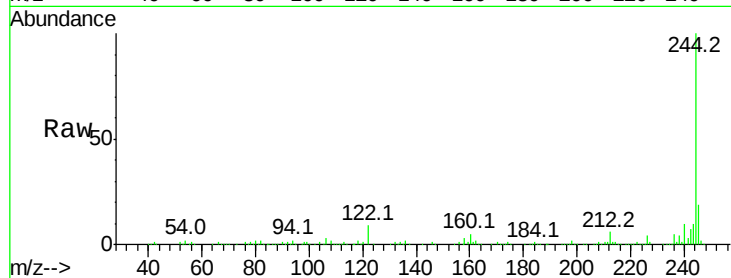




#78
 Terphenyl-d14
 Concen: 39.291 ng
 RT: 13.05 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BF107362.D
 Acq: 13 Jul 2018 13:03

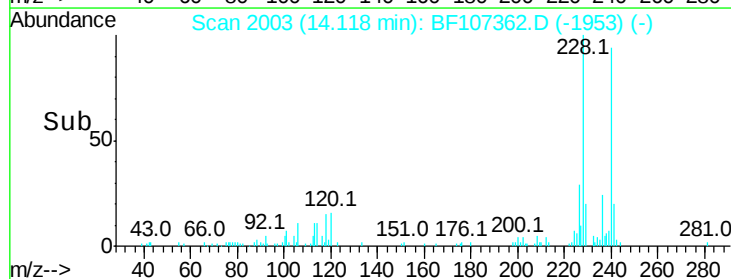
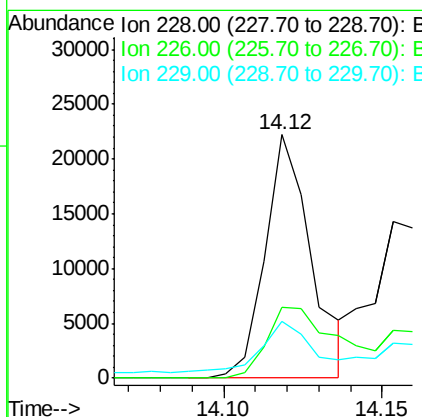
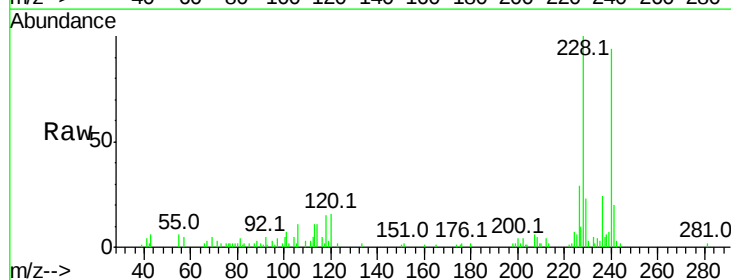
Instrument :
 BNA_F
 ClientSampleId :
 PAR-3

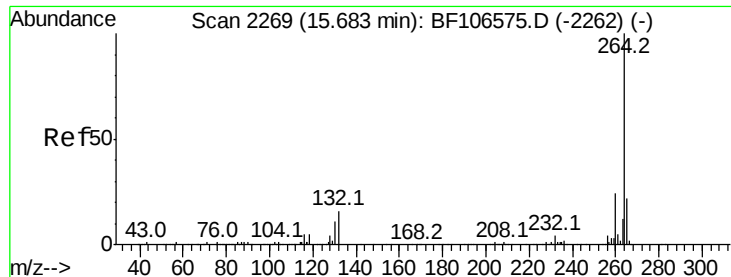
Tot Ion:244 Resp: 280489
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 8.6 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 2.132 ng
 RT: 14.12 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF107362.D
 Acq: 13 Jul 2018 13:03

Tgt Ion:228 Resp: 22474
 Ion Ratio Lower Upper
 228 100
 226 29.1 22.6 33.8
 229 23.3 15.8 23.6



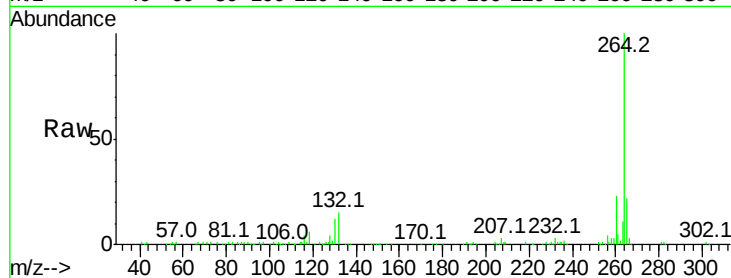


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BF107362.D
Acq: 13 Jul 2018 13:03

Instrument :
BNA_F
ClientSampleId :
PAR-3

Tot Ion: 264 Resp: 152544

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.6	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

