

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
 Data File : BF107640.D
 Acq On : 25 Jul 2018 2:38
 Operator : JU/SJ
 Sample : J4120-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Quant Time: Jul 25 08:06:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

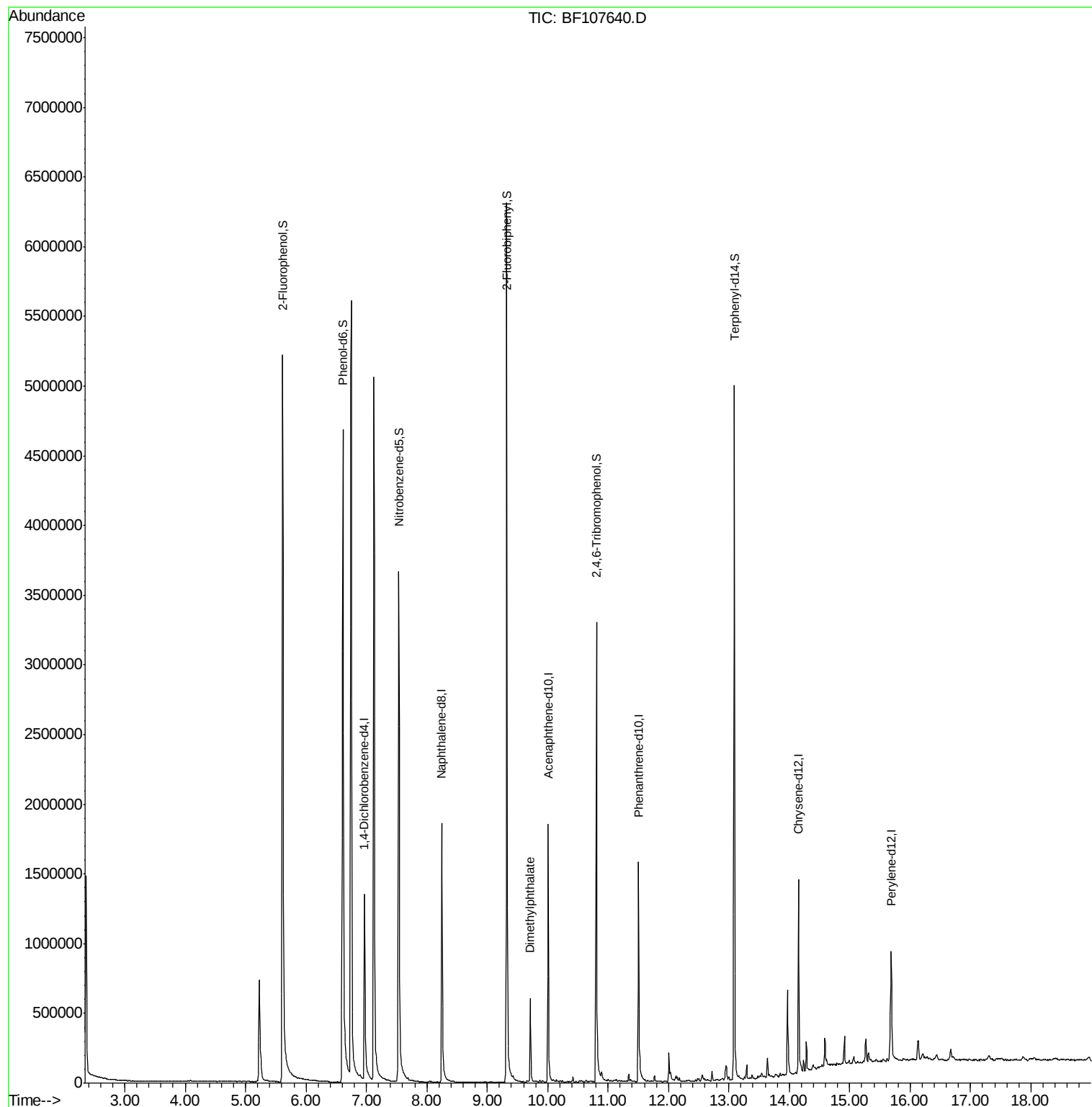
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	291038	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	1046583	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	403556	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	692695	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	515912	20.00	ng	-0.01
86) Perylene-d12	15.69	264	450873	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	2153253	118.95	ng	0.00
7) Phenol-d6	6.61	99	2584202	118.89	ng	0.00
23) Nitrobenzene-d5	7.54	82	1630251	105.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	542541	118.22	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	2423309	112.04	ng	-0.01
78) Terphenyl-d14	13.09	244	1901295	94.35	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.71	163	257431	8.464	ng	Qvalue 99

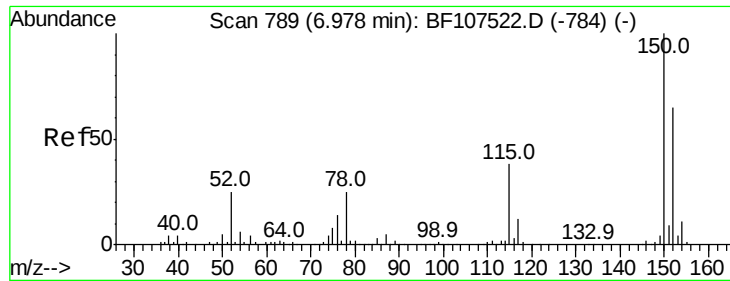
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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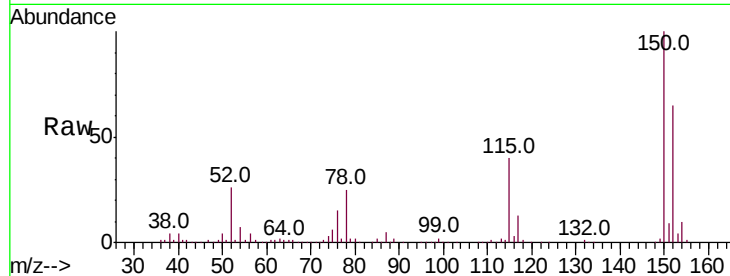


#1

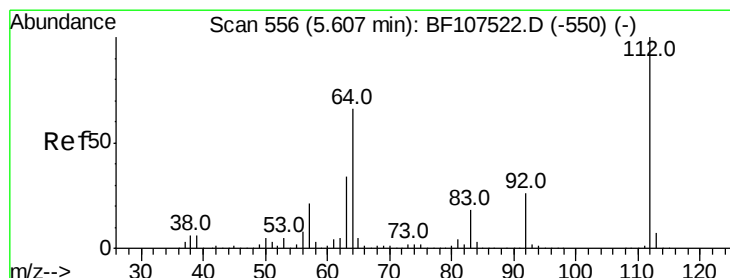
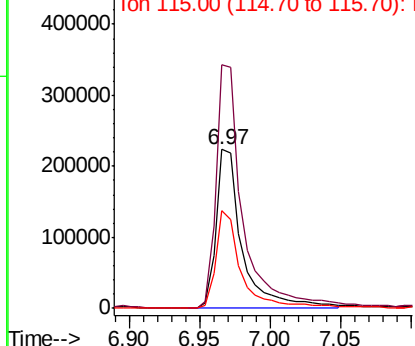
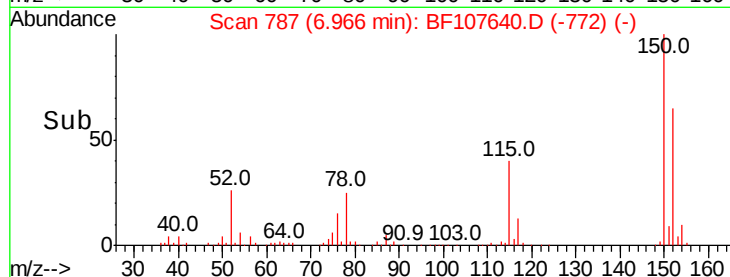
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Instrument :
BNA_F
ClientSampled :
SP-4

Tot Ion:152 Resp: 291038
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 61.2 50.1 75.1



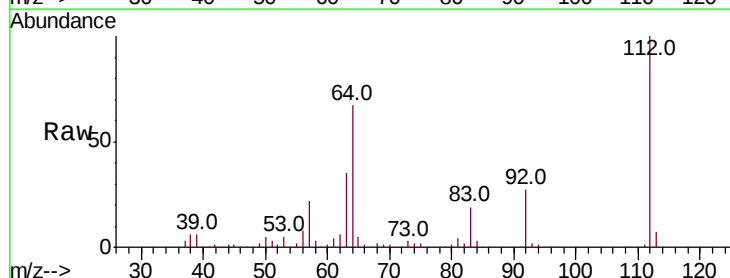
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



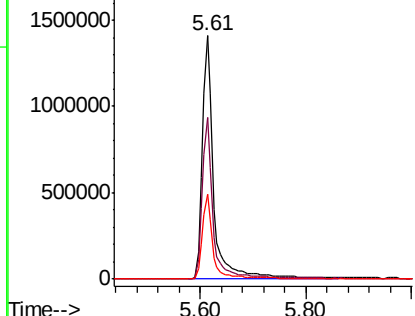
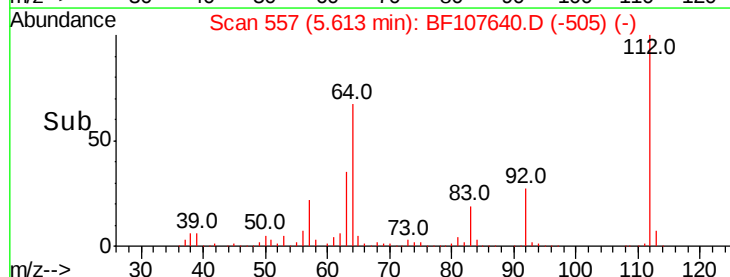
#5

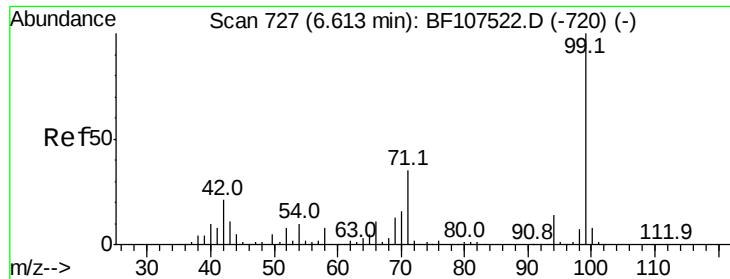
2-Fluorophenol
Concen: 118.954 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Tgt Ion:112 Resp: 2153253
Ion Ratio Lower Upper
112 100
64 66.7 47.9 71.9
63 34.9 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: 118.895 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107640.D

Acq: 25 Jul 2018 2:38

Instrument :

BNA_F

ClientSampleId :

SP-4

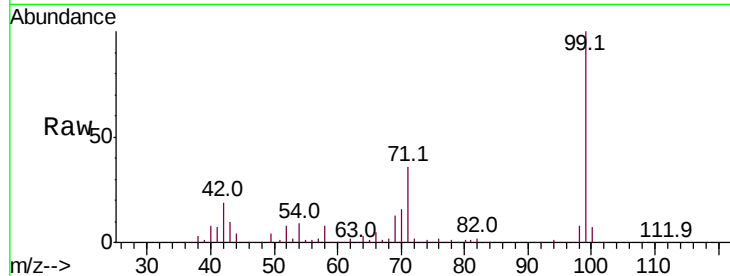
Tot Ion: 99 Resp: 2584202

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	35.7	25.4	38.0

99 100

42 18.9 14.5 21.7

71 35.7 25.4 38.0

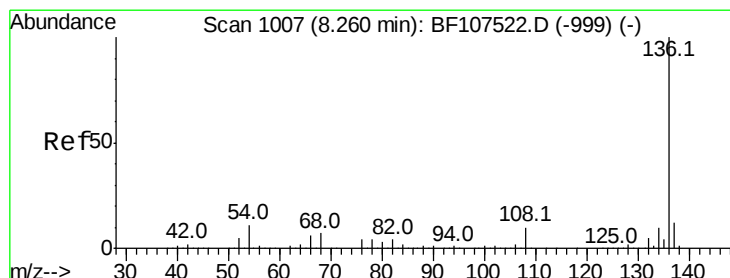
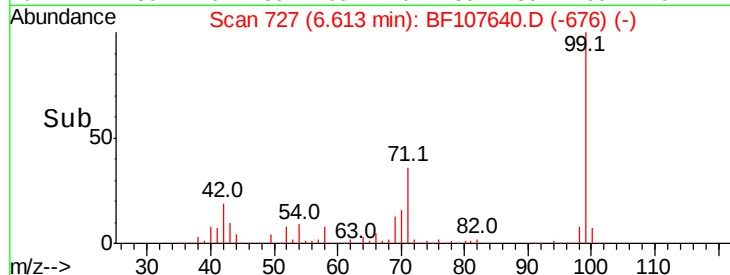
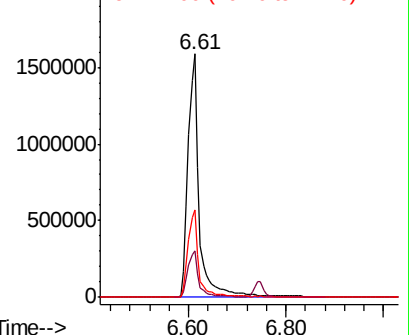


Abundance

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: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF107640.D

Acq: 25 Jul 2018 2:38

Tgt Ion: 136 Resp: 1046583

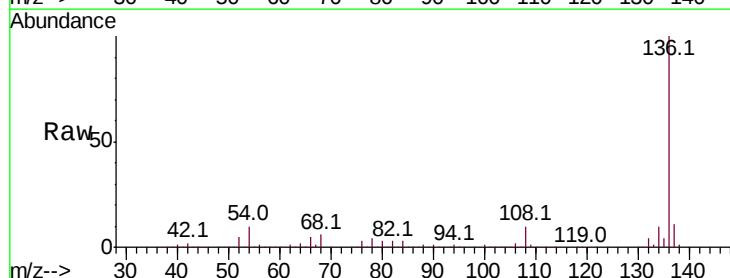
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.0	6.6	9.8
68	5.9	5.0	7.4

136 100

137 11.4 8.9 13.3

54 10.0 6.6 9.8

68 5.9 5.0 7.4



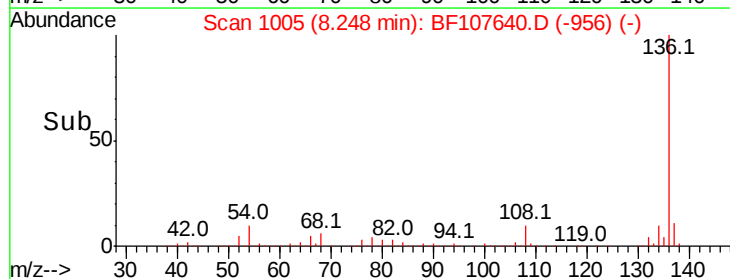
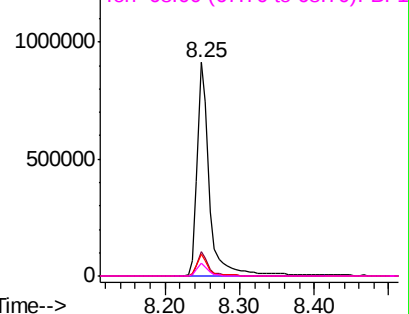
Abundance

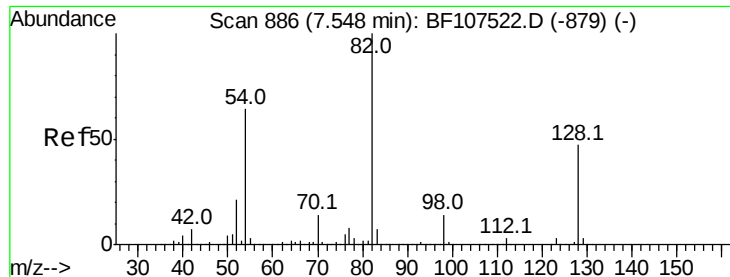
Ion 136.00 (135.70 to 136.70): E

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

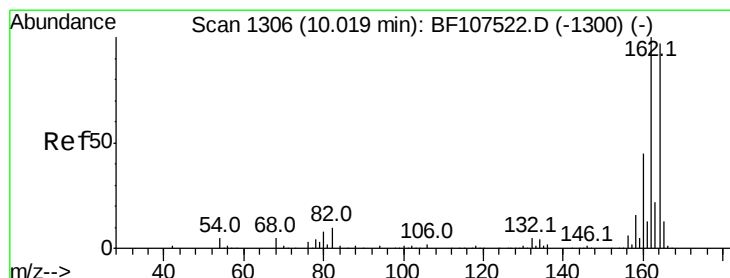
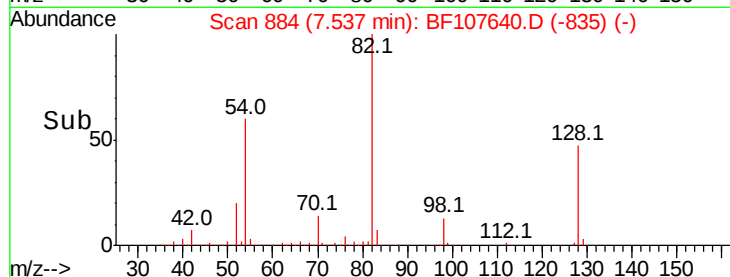
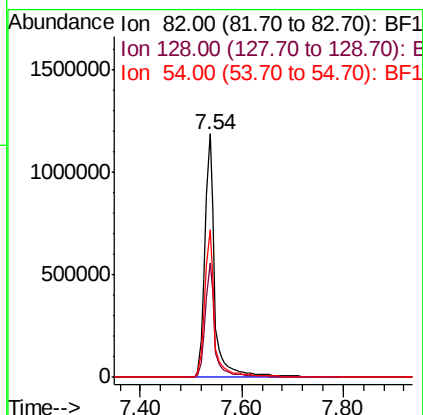
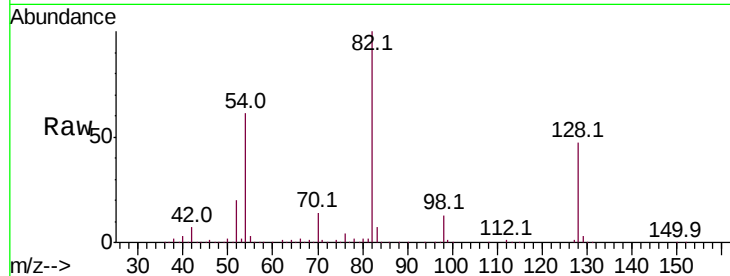




#23
Nitrobenzene-d5
Concen: 105.125 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

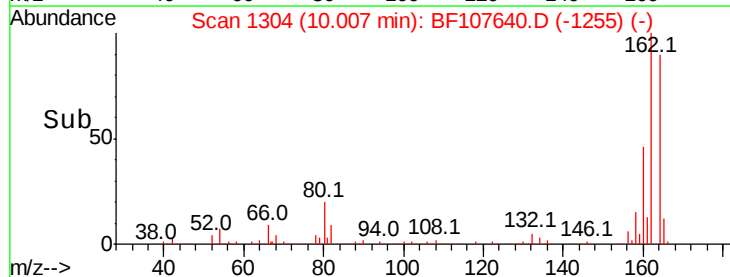
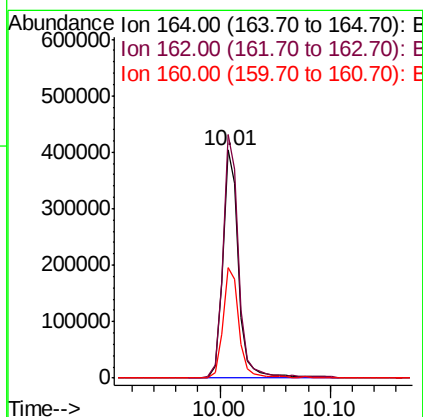
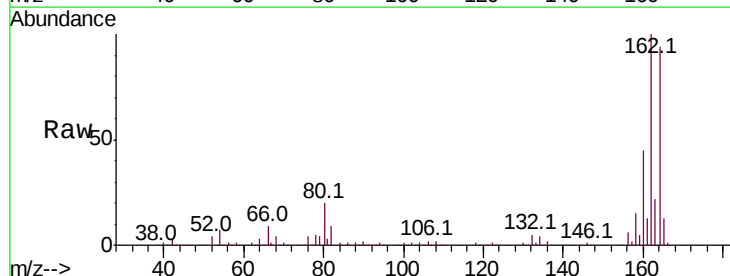
Instrument :
BNA_F
ClientSampleId :
SP-4

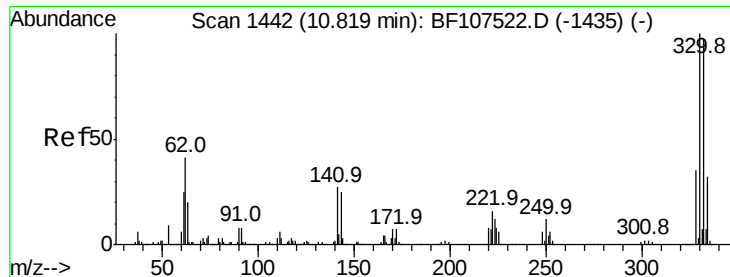
Tot Ion: 82 Resp: 1630251
Ion Ratio Lower Upper
82 100
128 46.8 36.1 54.1
54 60.5 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Tgt Ion:164 Resp: 403556
Ion Ratio Lower Upper
164 100
162 106.7 86.1 129.1
160 48.4 38.3 57.5

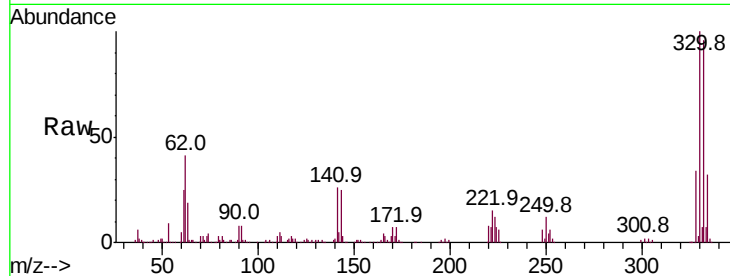




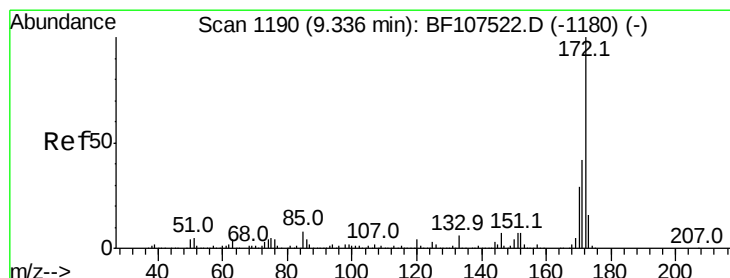
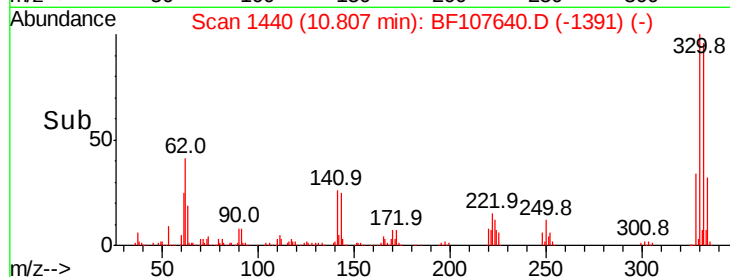
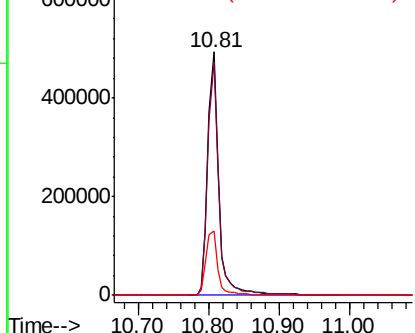
#41
 2,4,6-Tribromophenol
 Concen: 118.225 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107640.D
 Acq: 25 Jul 2018 2:38

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Tot Ion:330 Resp: 542541
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 29.3 29.9 44.9#

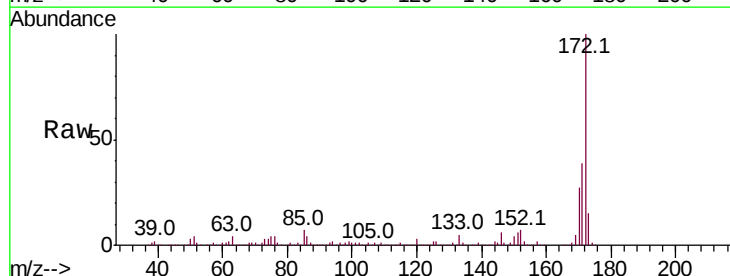


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

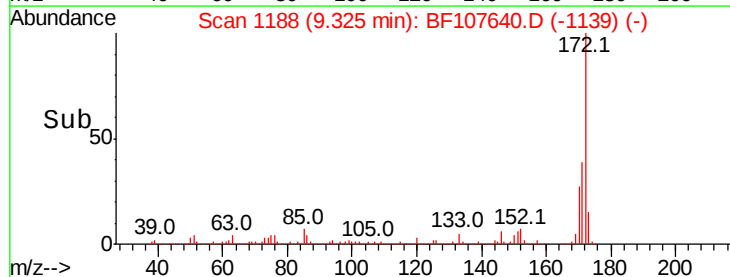
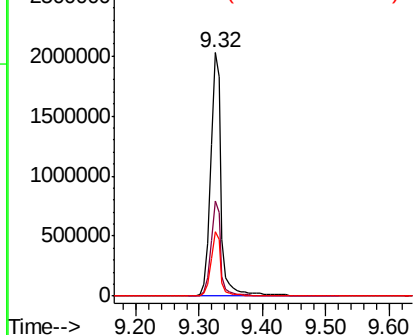


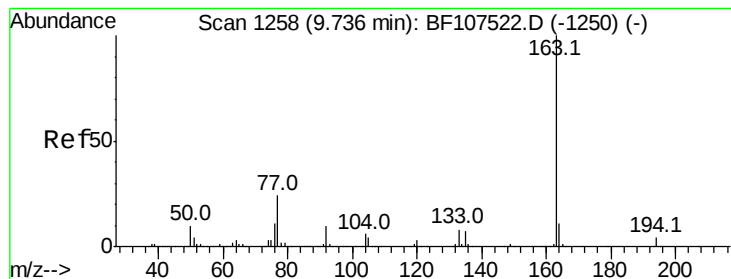
#44
 2-Fluorobiphenyl
 Concen: 112.038 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107640.D
 Acq: 25 Jul 2018 2:38

Tgt Ion:172 Resp: 2423309
 Ion Ratio Lower Upper
 172 100
 171 39.1 29.7 44.5
 170 26.7 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: 8.464 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF107640.D

Acq: 25 Jul 2018 2:38

Instrument :

BNA_F

ClientSampleId :

SP-4

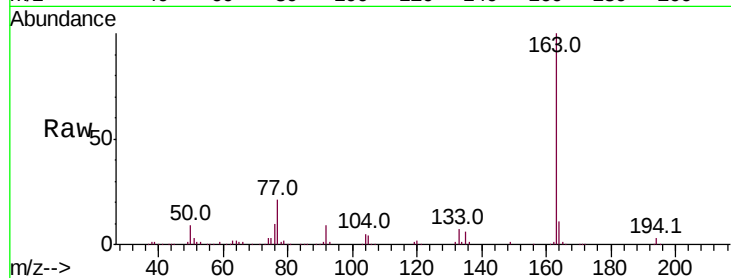
Tot Ion:163 Resp: 257431

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

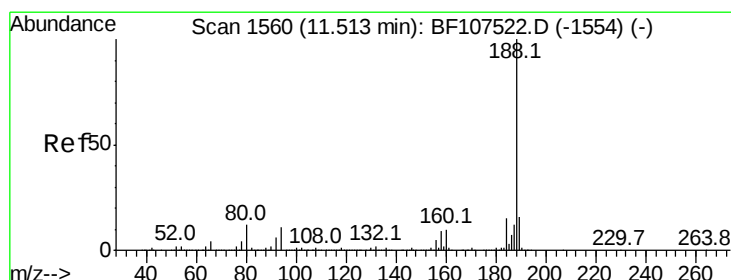
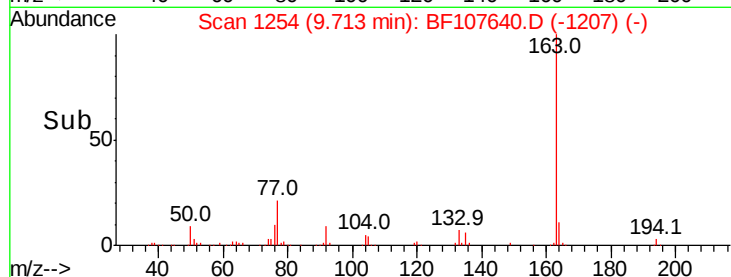
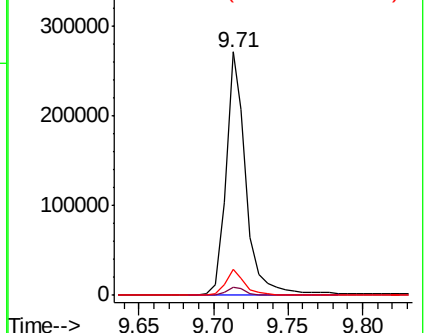
164 10.6 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF107640.D

Acq: 25 Jul 2018 2:38

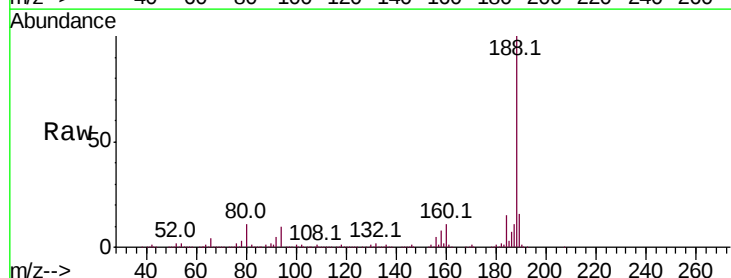
Tgt Ion:188 Resp: 692695

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

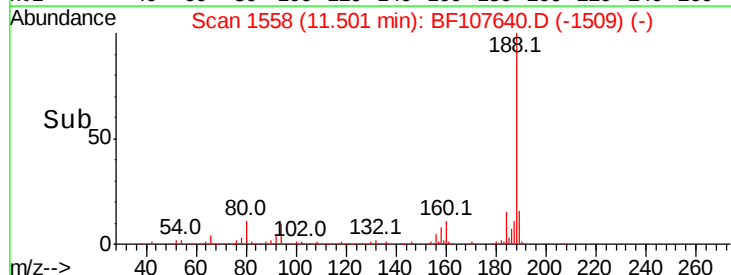
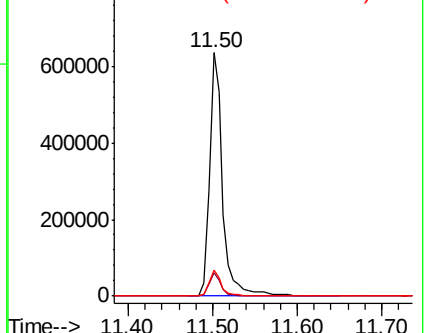
80 10.7 9.2 13.8

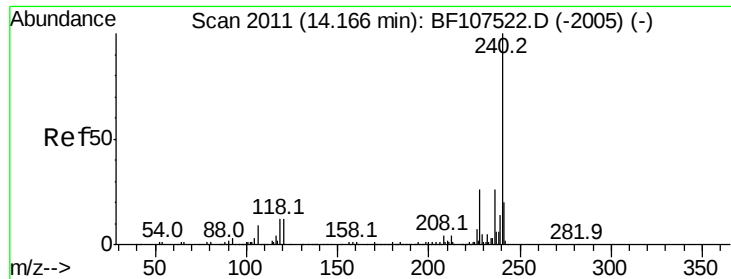


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107640.D

Acq: 25 Jul 2018 2:38

Instrument :

BNA_F

ClientSampleId :

SP-4

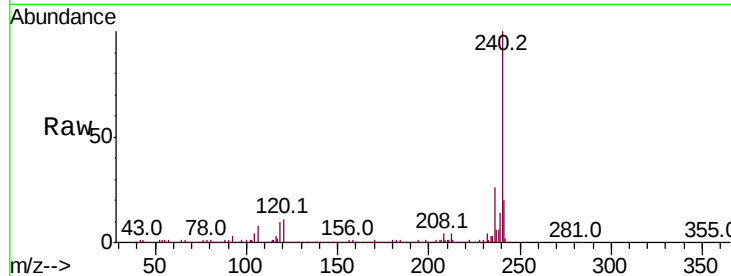
Tot Ion:240 Resp: 515912

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

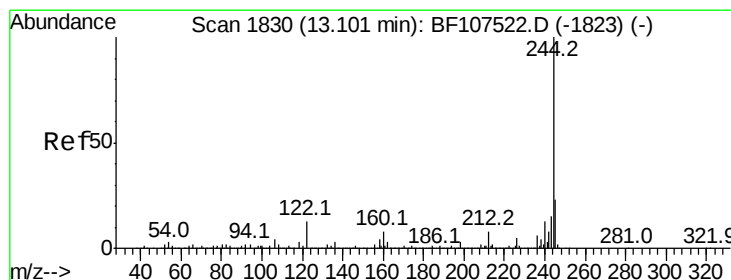
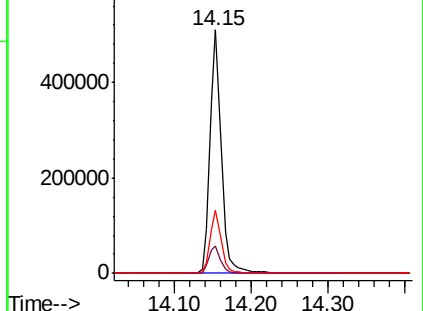
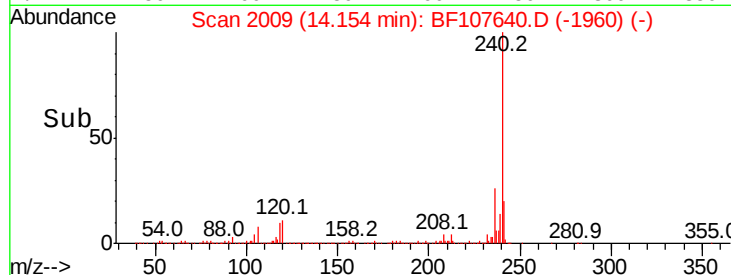
236 25.7 20.7 31.1



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

Terphenyl-d14

Concen: 94.347 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107640.D

Acq: 25 Jul 2018 2:38

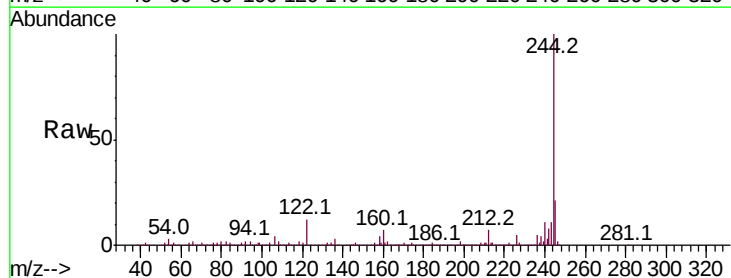
Tgt Ion:244 Resp: 1901295

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

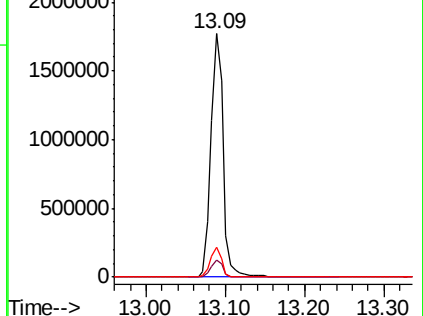
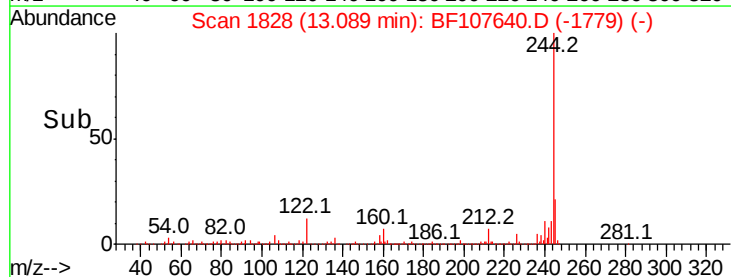
122 12.1 11.0 16.4

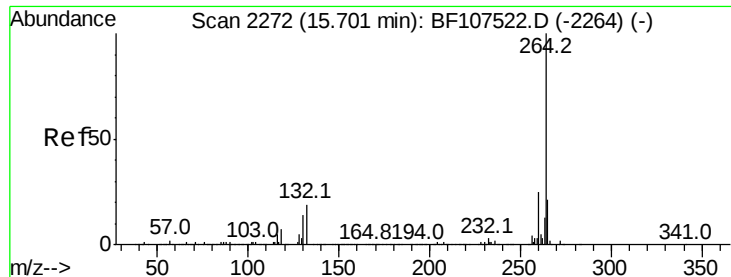


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF107640.D
 Acq: 25 Jul 2018 2:38

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.0	17.5	26.3

