

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
 Data File : BF107286.D
 Acq On : 10 Jul 2018 21:16
 Operator : JU/SJ
 Sample : J3827-01 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-070918

Quant Time: Jul 11 02:01:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

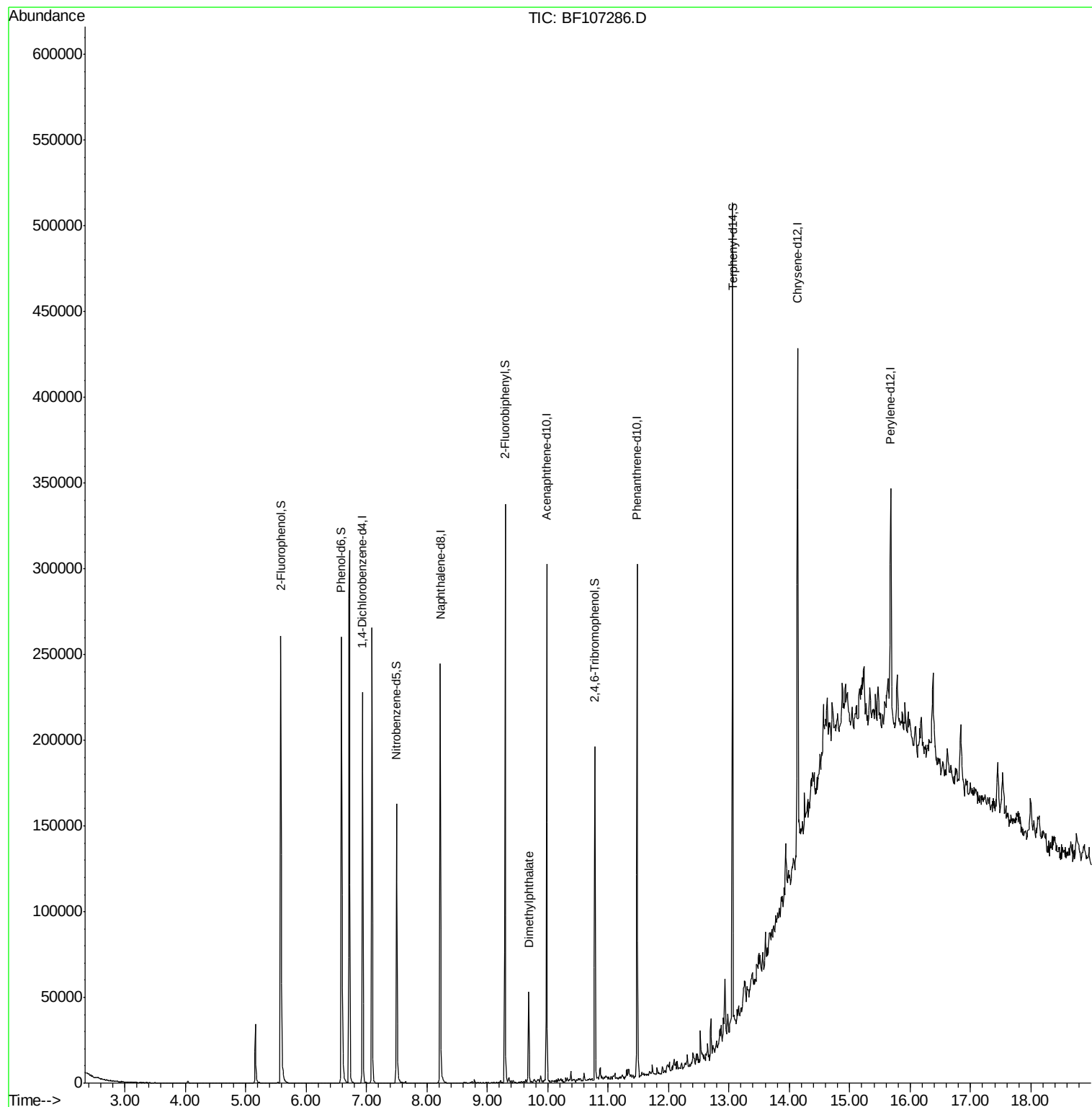
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	34204	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	120736	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	57928	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	123567	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	107252	20.00	ng	-0.03
86) Perylene-d12	15.68	264	75634	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	91868	45.48	ng	-0.02
7) Phenol-d6	6.58	99	106919	42.39	ng	-0.03
23) Nitrobenzene-d5	7.50	82	56714	26.10	ng	-0.04
41) 2,4,6-Tribromophenol	10.78	330	28145	41.92	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	113153	22.16	ng	-0.03
78) Terphenyl-d14	13.06	244	156592	35.37	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.69	163	22921	5.276	ng	Qvalue 98

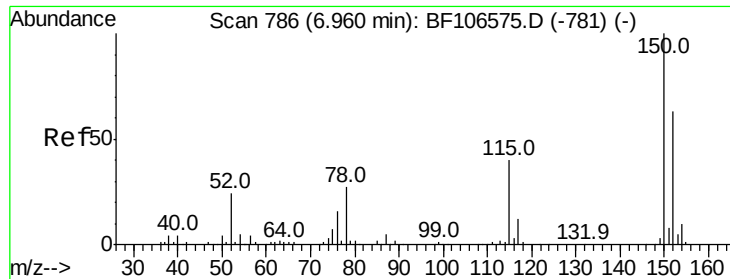
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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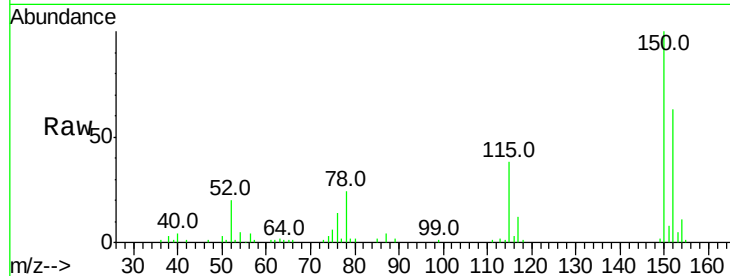


#1

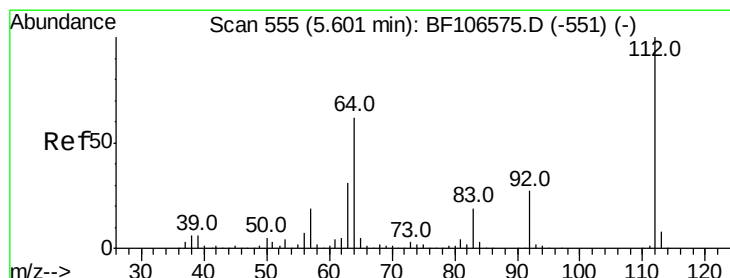
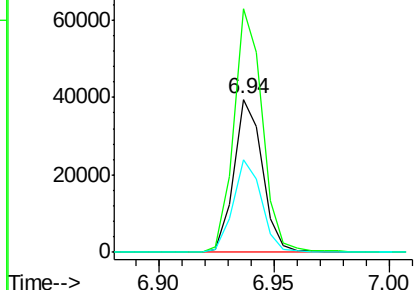
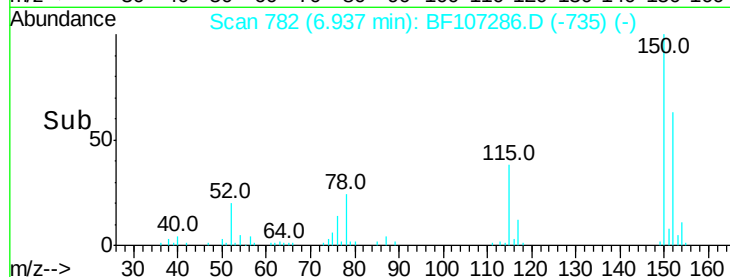
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF107286.D
Acq: 10 Jul 2018 21:16

Instrument :
BNA_F
ClientSampleId :
OR-03-070918

Tot Ion:152 Resp: 34204
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 60.1 50.1 75.1



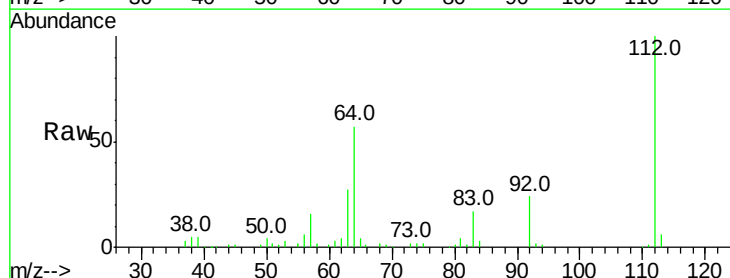
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



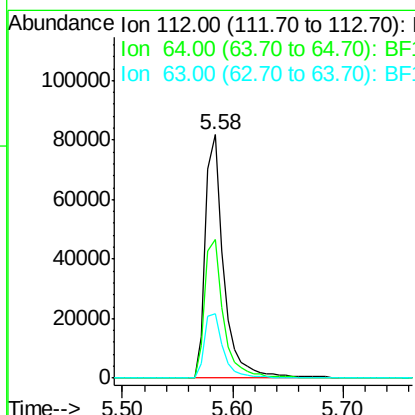
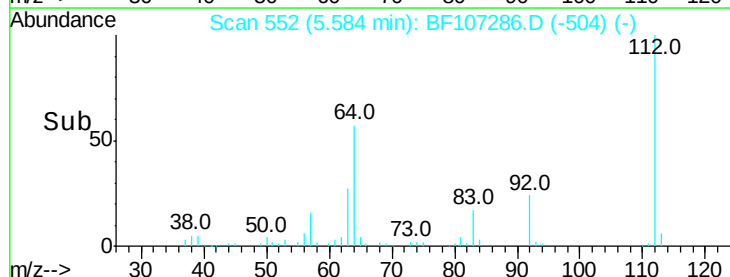
#5

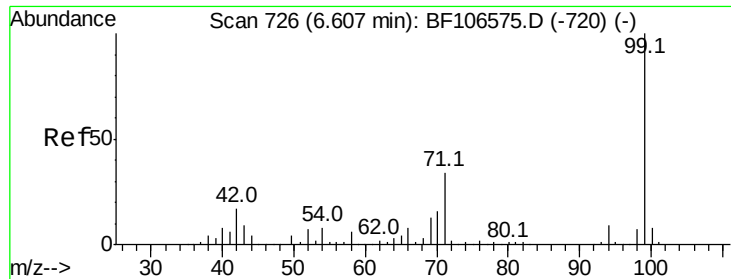
2-Fluorophenol
Concen: 45.481 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107286.D
Acq: 10 Jul 2018 21:16

Tgt Ion:112 Resp: 91868
Ion Ratio Lower Upper
112 100
64 56.8 47.9 71.9
63 26.6 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: 42.386 ng

RT: 6.58 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF107286.D

Acq: 10 Jul 2018 21:16

Instrument :

BNA_F

ClientSampleId :

OR-03-070918

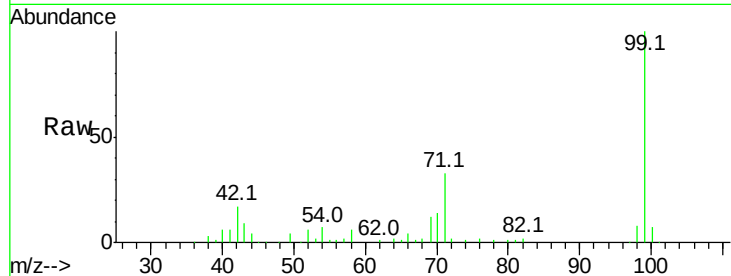
Tot Ion: 99 Resp: 106919

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

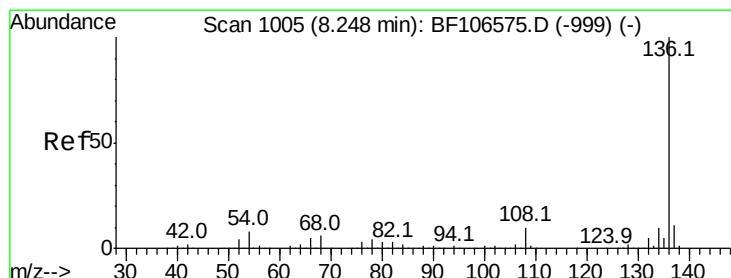
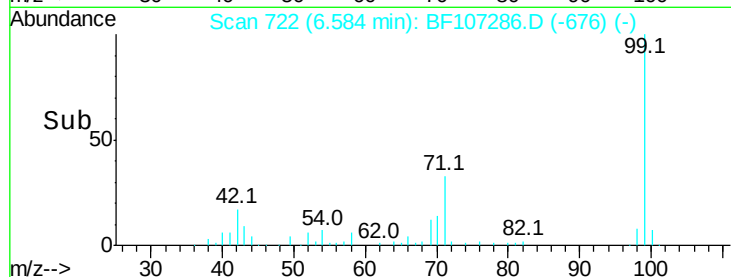
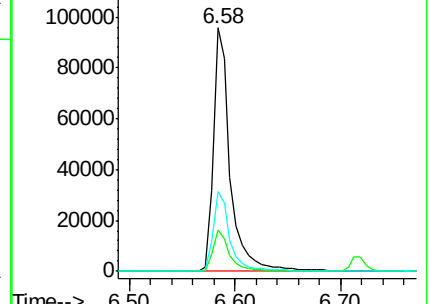
71 32.7 25.4 38.0



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: 8.22 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF107286.D

Acq: 10 Jul 2018 21:16

Tgt Ion: 136 Resp: 120736

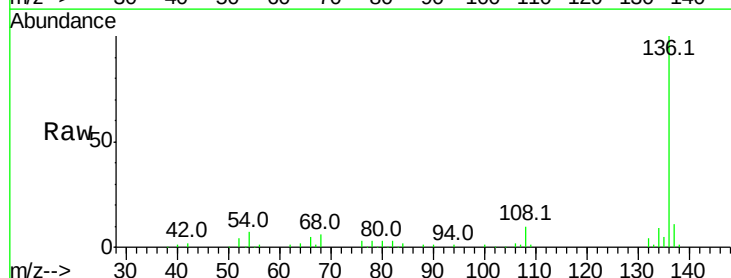
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.4 6.6 9.8

68 6.4 5.0 7.4

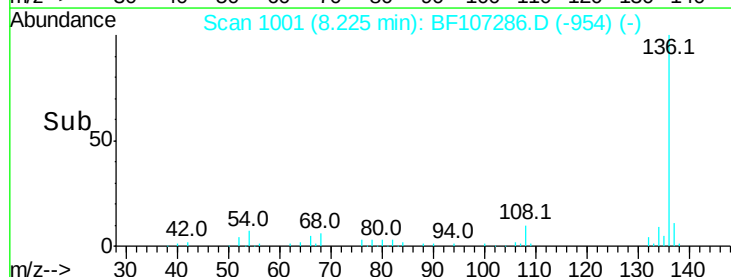
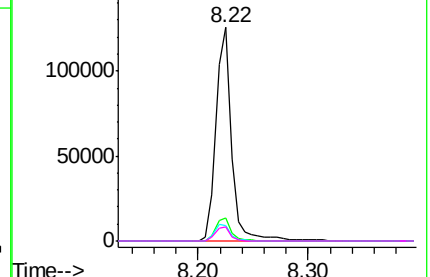


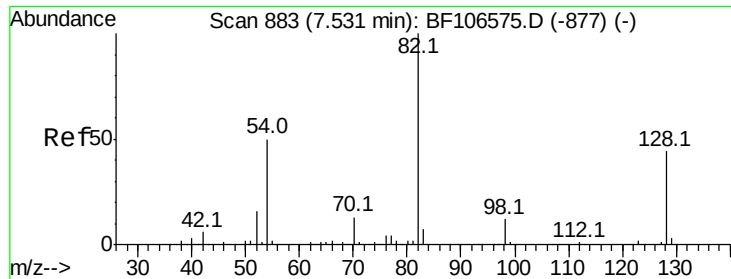
Abundance Ion 136.00 (135.70 to 136.70): E

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

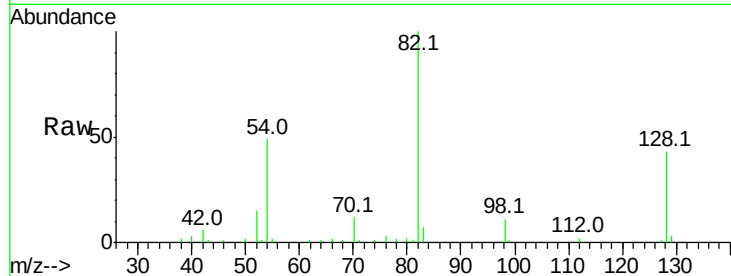




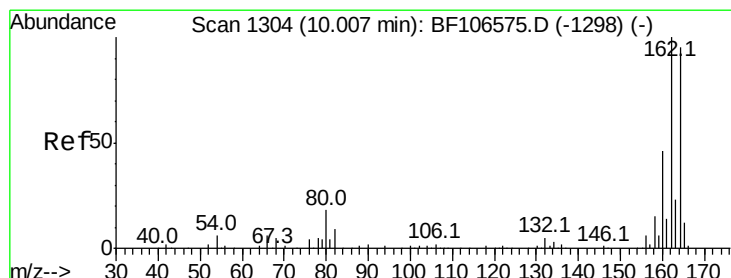
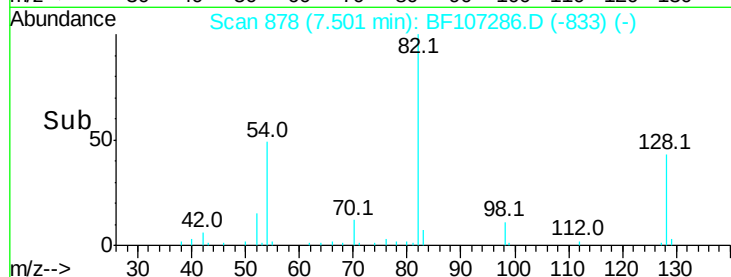
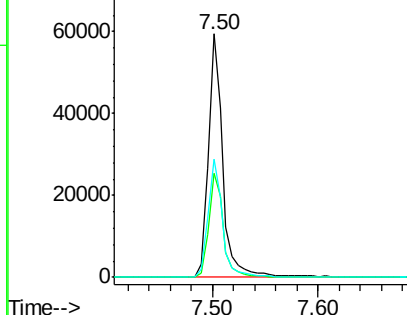
#23
 Nitrobenzene-d5
 Concen: 26.105 ng
 RT: 7.50 min Scan# 878
 Delta R.T. -0.04 min
 Lab File: BF107286.D
 Acq: 10 Jul 2018 21:16

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-070918

Tot Ion	82	Resp	56714
Ion Ratio	Lower	Upper	
82	100		
128	42.8	36.1	54.1
54	48.7	41.4	62.2

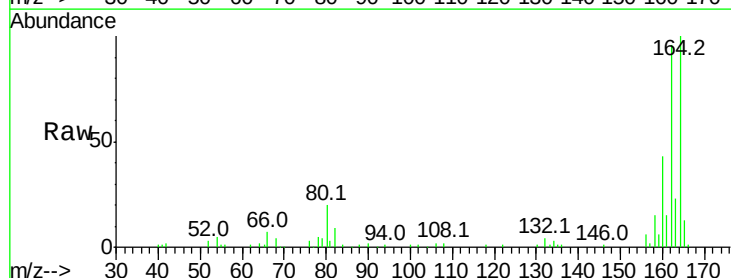


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

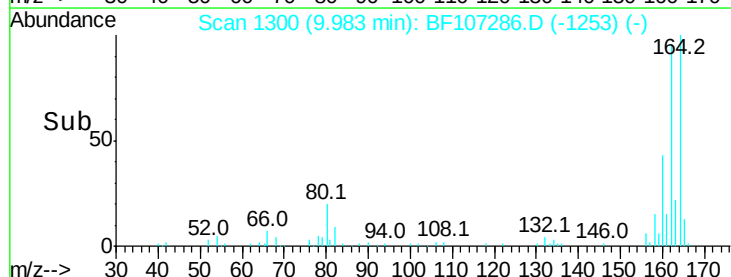
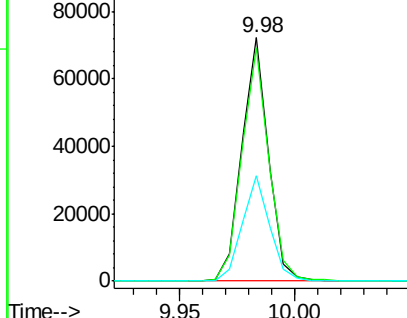


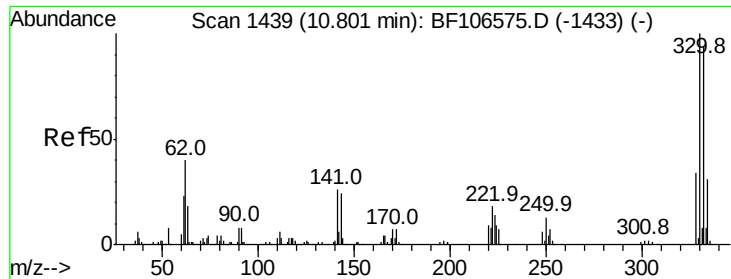
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF107286.D
 Acq: 10 Jul 2018 21:16

Tgt Ion	164	Resp	57928
Ion Ratio	Lower	Upper	
164	100		
162	95.7	86.1	129.1
160	43.3	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

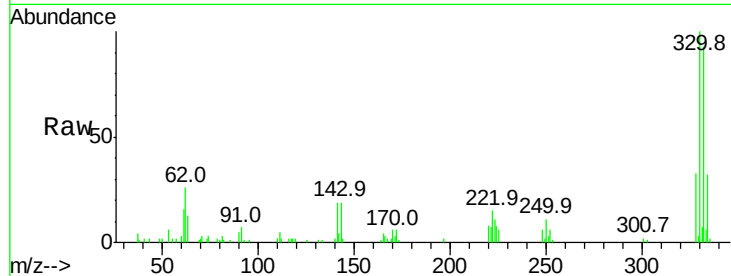




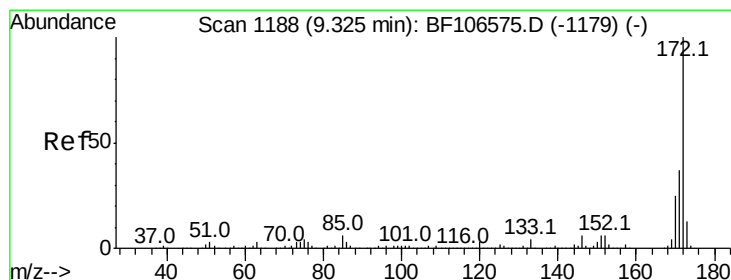
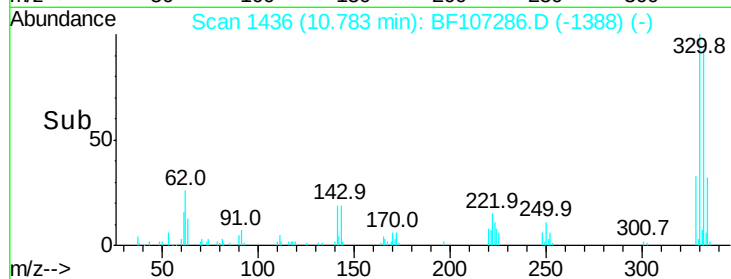
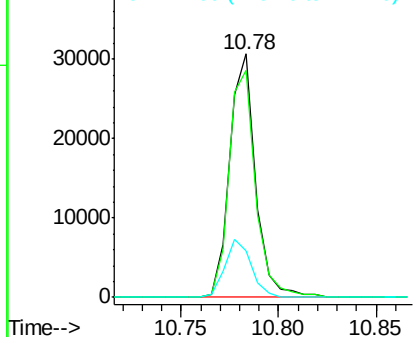
#41
 2,4,6-Tribromophenol
 Concen: 41.920 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107286.D
 Acq: 10 Jul 2018 21:16

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-070918

Tot Ion:330 Resp: 28145
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 24.1 29.9 44.9#

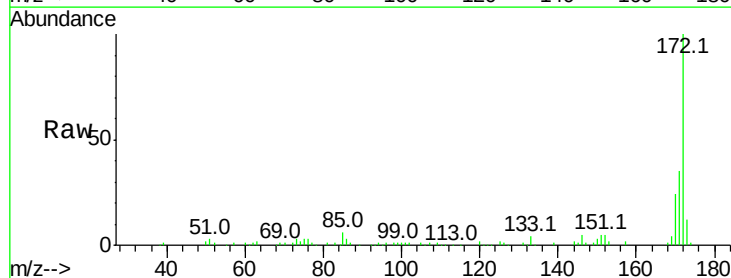


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

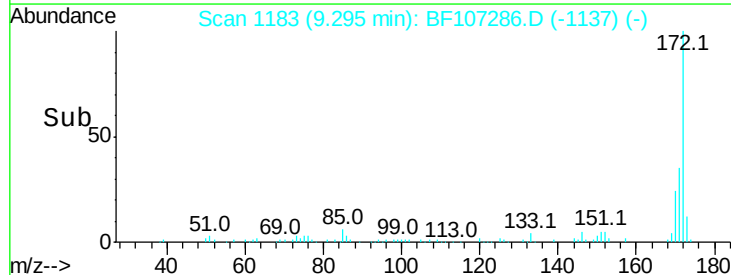
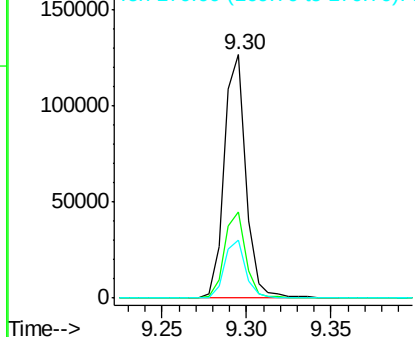


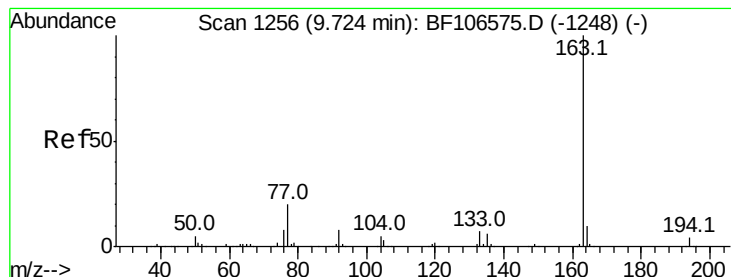
#44
 2-Fluorobiphenyl
 Concen: 22.157 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF107286.D
 Acq: 10 Jul 2018 21:16

Tgt Ion:172 Resp: 113153
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.6 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: 5.276 ng

RT: 9.69 min Scan# 1250

Delta R.T. -0.04 min

Lab File: BF107286.D

Acq: 10 Jul 2018 21:16

Instrument :

BNA_F

ClientSampleId :

OR-03-070918

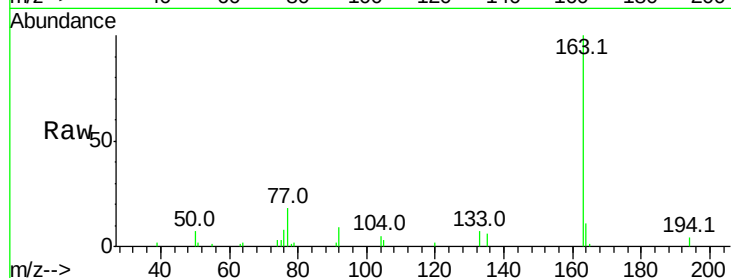
Tot Ion:163 Resp: 22921

Ion Ratio Lower Upper

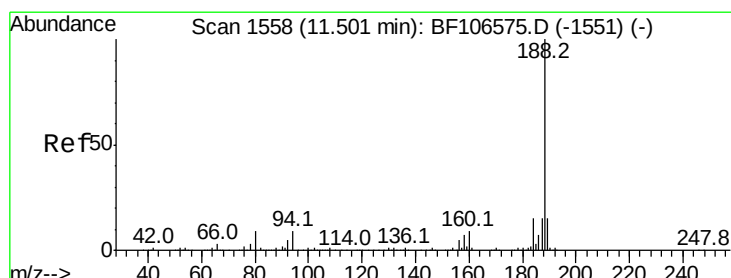
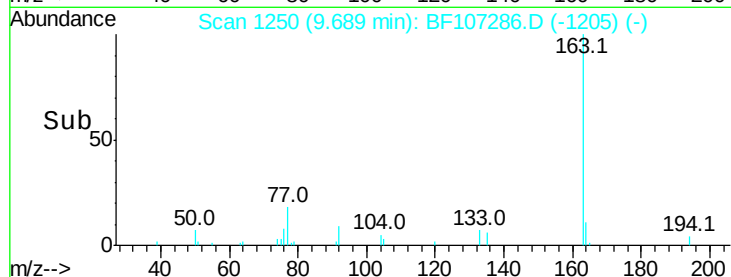
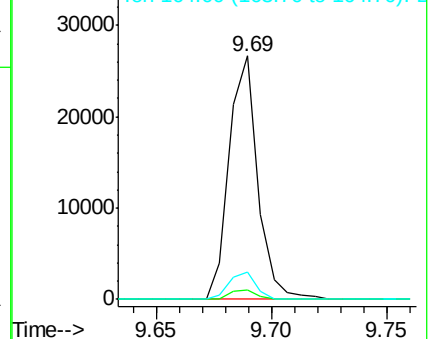
163 100

194 3.7 2.7 4.1

164 11.2 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BF107286.D

Acq: 10 Jul 2018 21:16

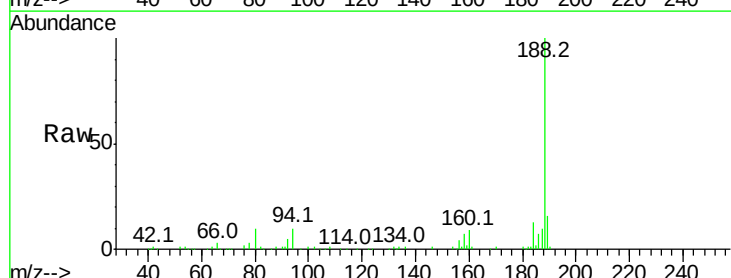
Tgt Ion:188 Resp: 123567

Ion Ratio Lower Upper

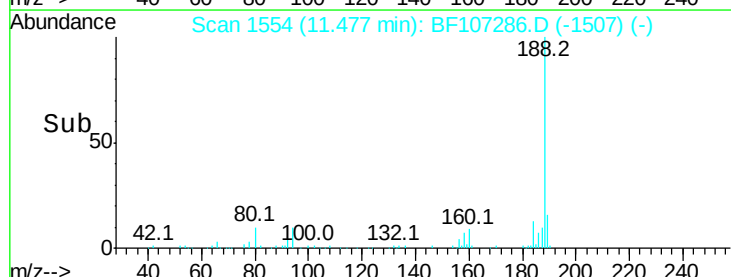
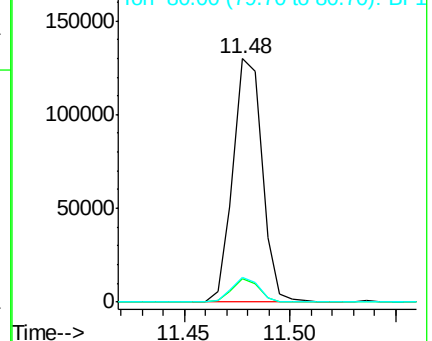
188 100

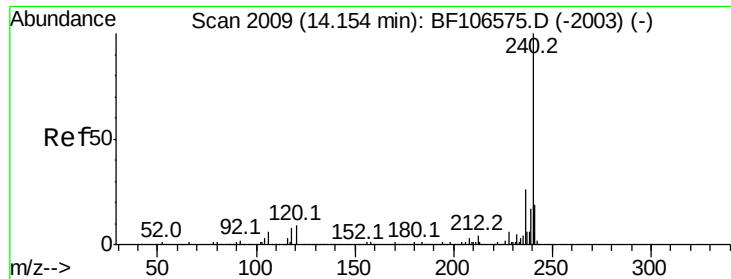
94 9.6 8.5 12.7

80 10.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107286.D

Acq: 10 Jul 2018 21:16

Instrument :

BNA_F

ClientSampleId :

OR-03-070918

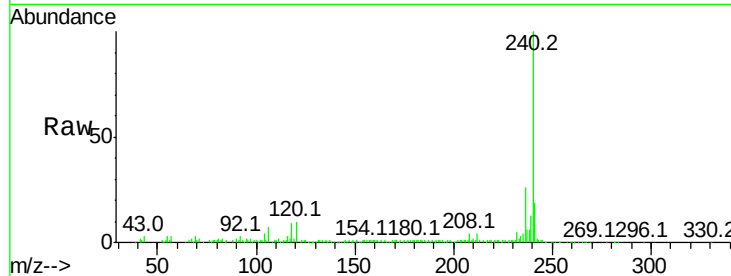
Tot Ion:240 Resp: 107252

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

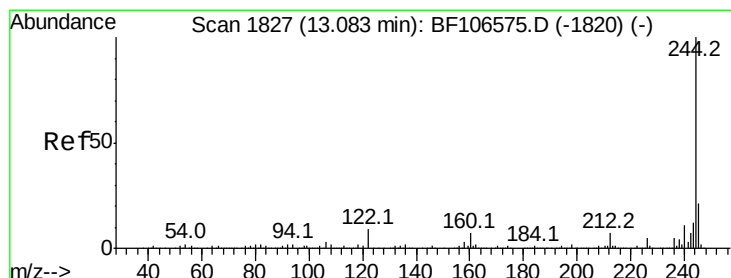
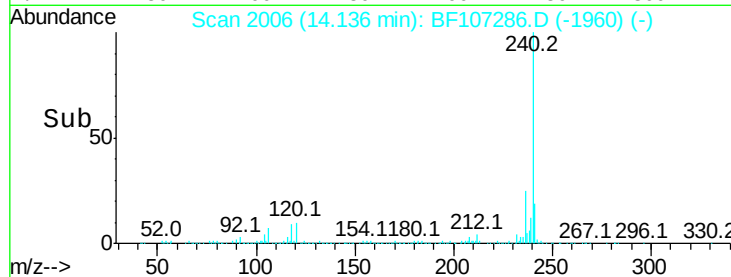
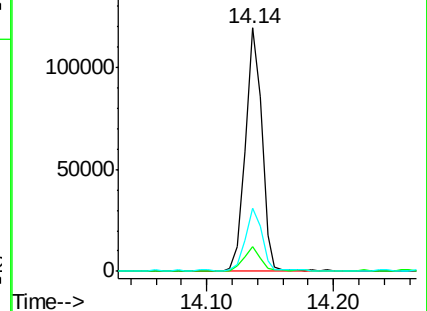
236 26.1 20.7 31.1



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



#78

Terphenyl-d14

Concen: 35.366 ng

RT: 13.06 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BF107286.D

Acq: 10 Jul 2018 21:16

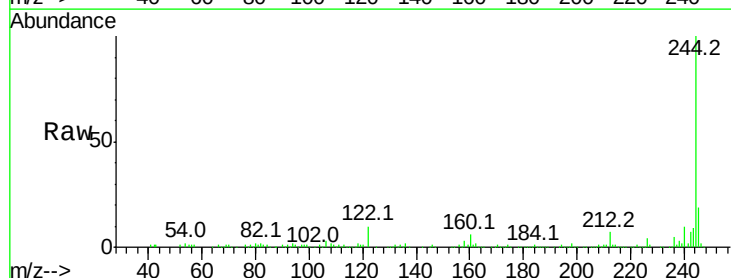
Tgt Ion:244 Resp: 156592

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

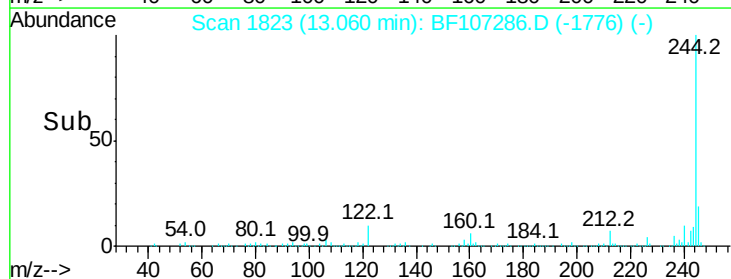
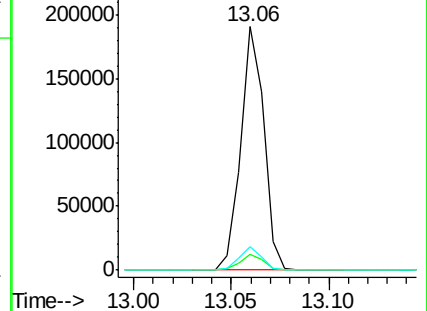
122 9.8 11.0 16.4#

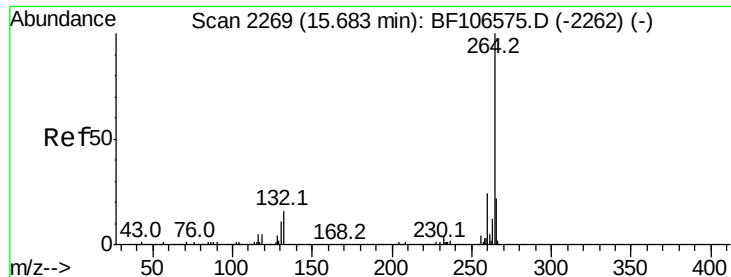


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

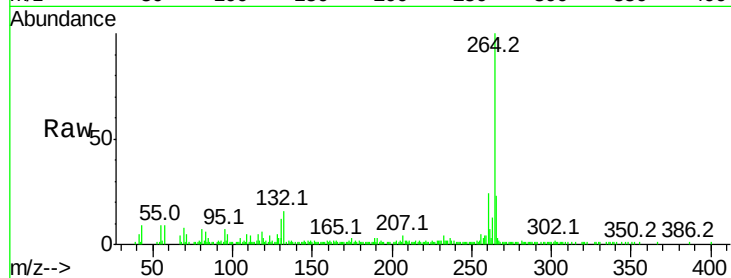




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF107286.D
 Acq: 10 Jul 2018 21:16

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-070918

Tot Ion:	264	Resp:	75634
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	23.2	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

