

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
 Data File : BF107311.D
 Acq On : 11 Jul 2018 20:13
 Operator : JU/SJ
 Sample : J3914-05 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3

Quant Time: Jul 12 15:41:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

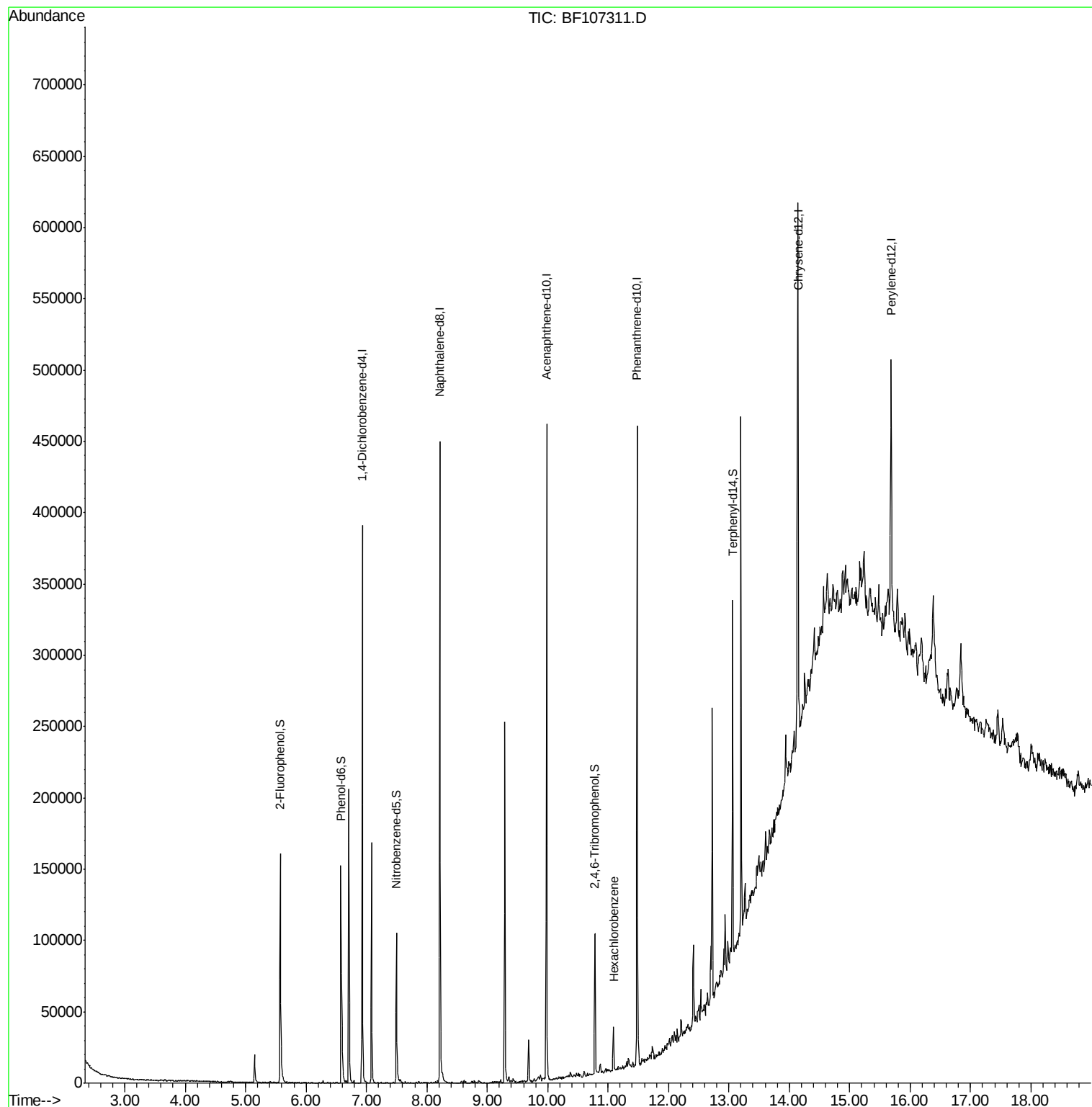
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	54691	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	211724	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	95852	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	172639	20.00	ng	0.00
75) Chrysene-d12	14.14	240	143398	20.00	ng	0.00
86) Perylene-d12	15.68	264	96780	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	53282	16.50	ng	0.00
7) Phenol-d6	6.58	99	67625	16.77	ng	0.00
23) Nitrobenzene-d5	7.50	82	38841	10.20	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	15189	13.67	ng	0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	0.00
78) Terphenyl-d14	13.06	244	84271	14.24	ng	0.00
Target Compounds						
67) Hexachlorobenzene	11.09	284	4726	2.192	ng	Qvalue # 84

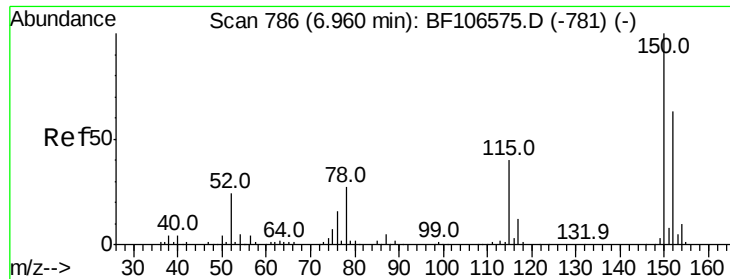
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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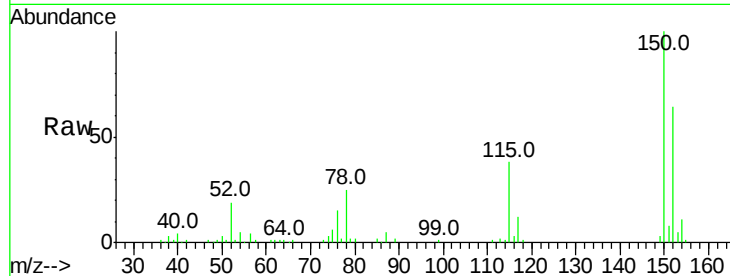


#1

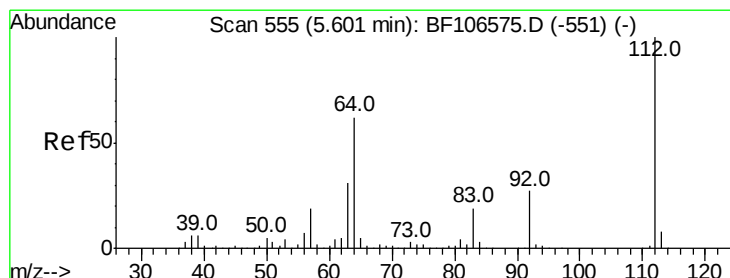
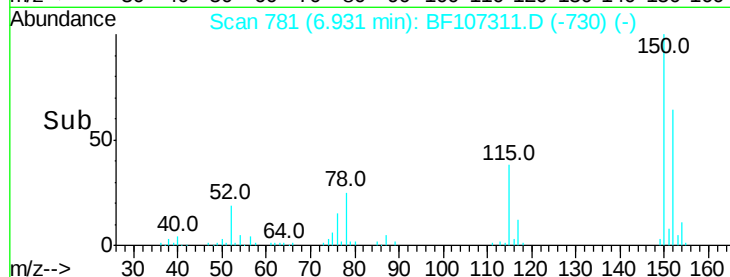
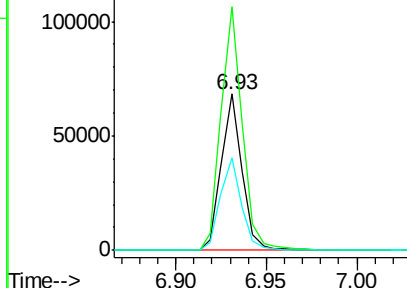
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF107311.D
 Acq: 11 Jul 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :
 B3

Tot Ion:152 Resp: 54691
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.6 186.8
 115 58.9 50.1 75.1



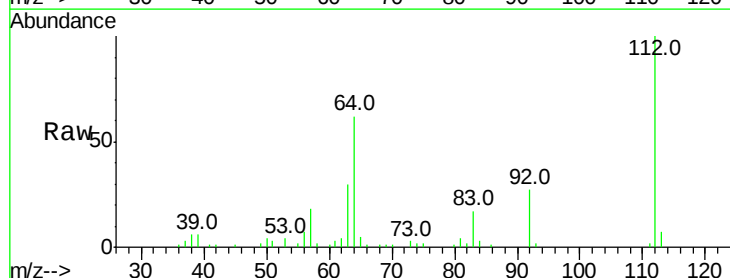
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



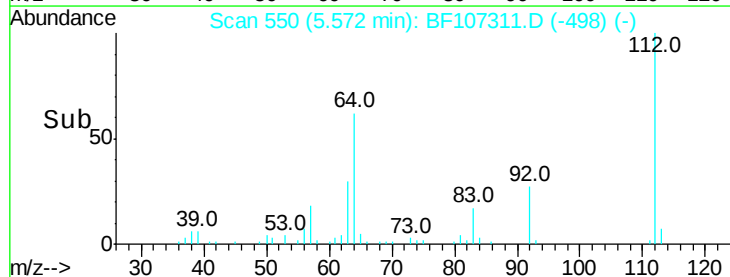
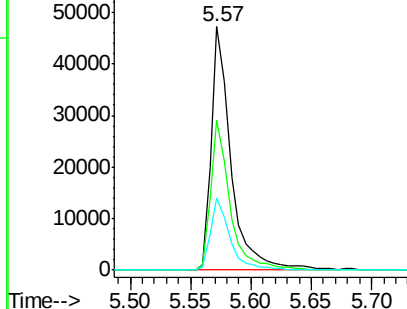
#5

2-Fluorophenol
 Concen: 16.497 ng
 RT: 5.57 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF107311.D
 Acq: 11 Jul 2018 20:13

Tgt Ion:112 Resp: 53282
 Ion Ratio Lower Upper
 112 100
 64 61.7 47.9 71.9
 63 29.6 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: 16.766 ng

RT: 6.58 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF107311.D

Acq: 11 Jul 2018 20:13

Instrument :

BNA_F

ClientSampleId :

B3

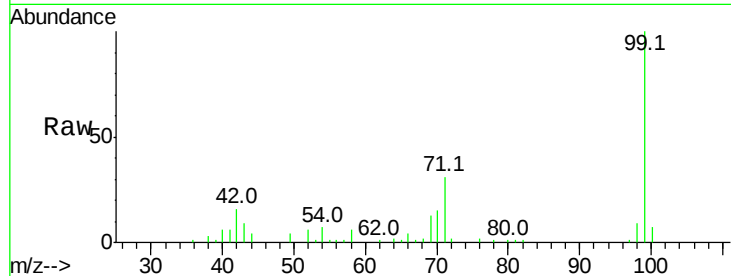
Tot Ion: 99 Resp: 67625

Ion Ratio Lower Upper

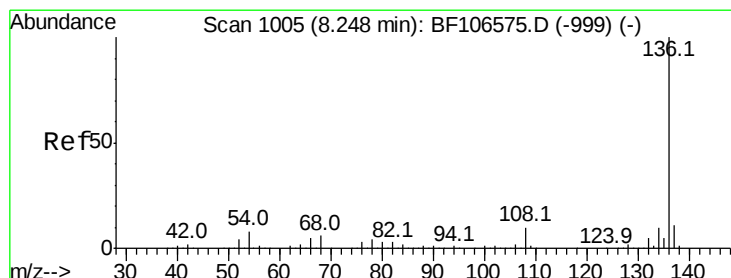
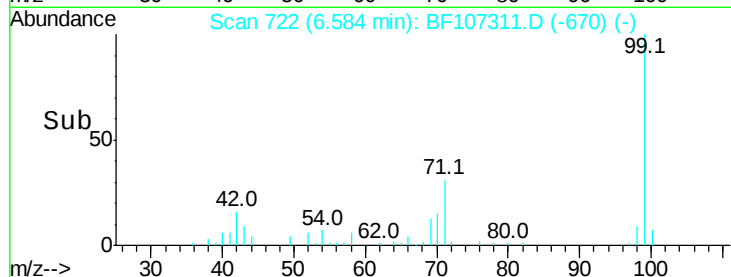
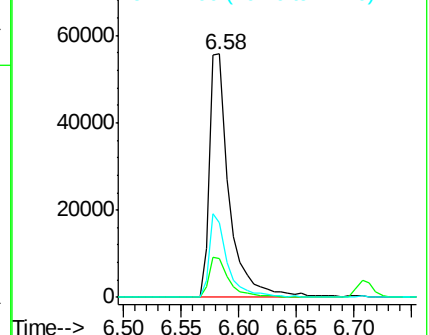
99 100

42 15.9 14.5 21.7

71 30.7 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# 1000

Delta R.T. 0.00 min

Lab File: BF107311.D

Acq: 11 Jul 2018 20:13

Tgt Ion: 136 Resp: 211724

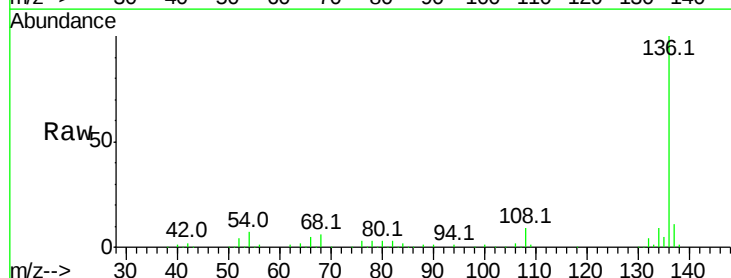
Ion Ratio Lower Upper

136 100

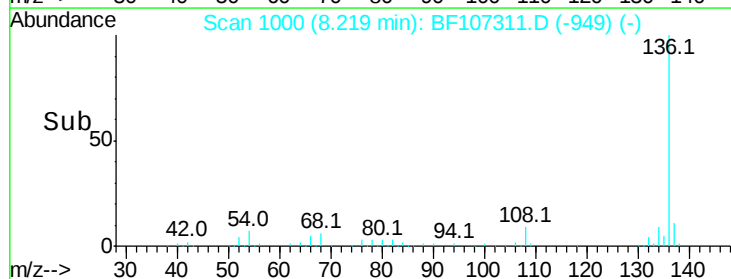
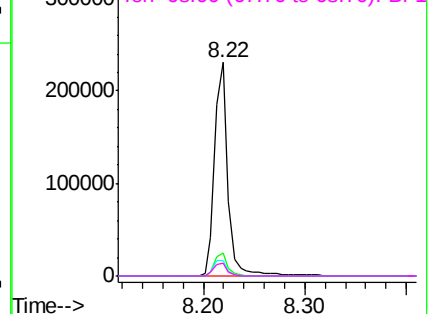
137 11.0 8.9 13.3

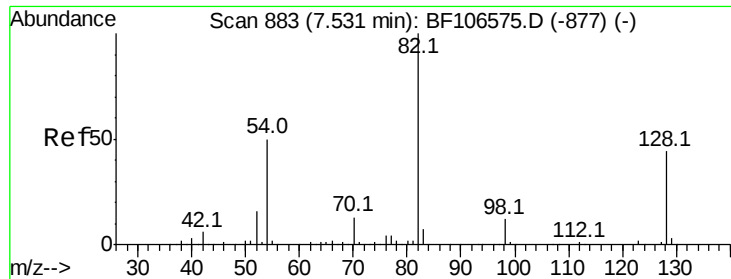
54 7.2 6.6 9.8

68 6.0 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

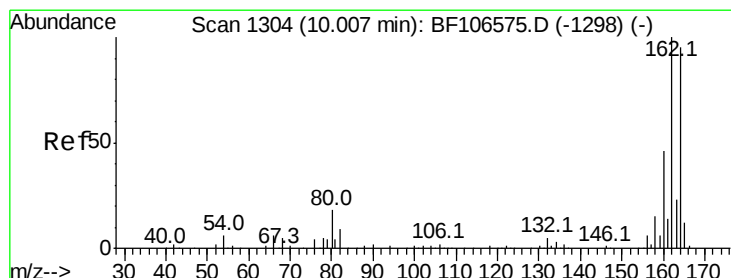
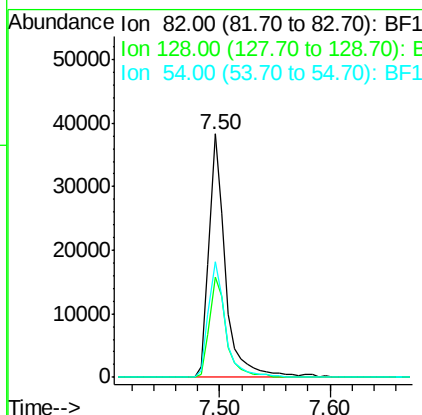
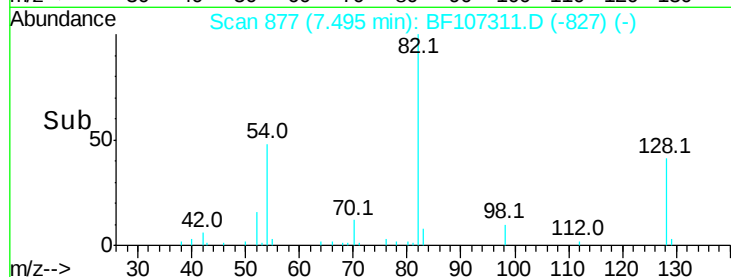
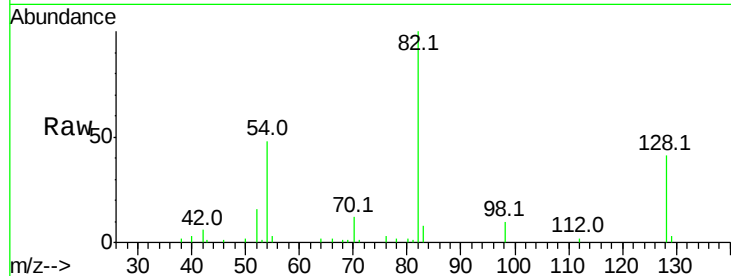




#23
 Nitrobenzene-d5
 Concen: 10.195 ng
 RT: 7.50 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF107311.D
 Acq: 11 Jul 2018 20:13

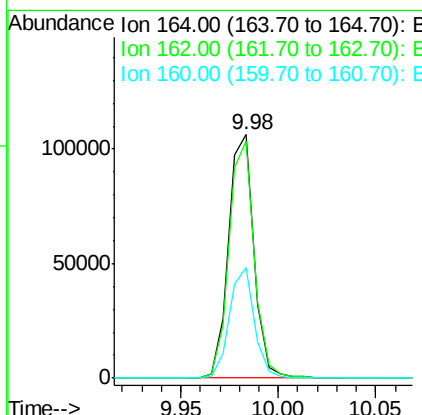
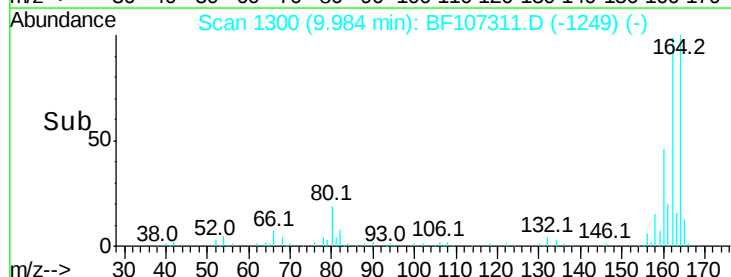
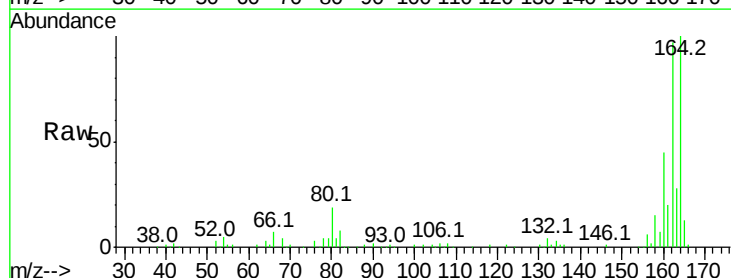
Instrument :
 BNA_F
 ClientSampleId :
 B3

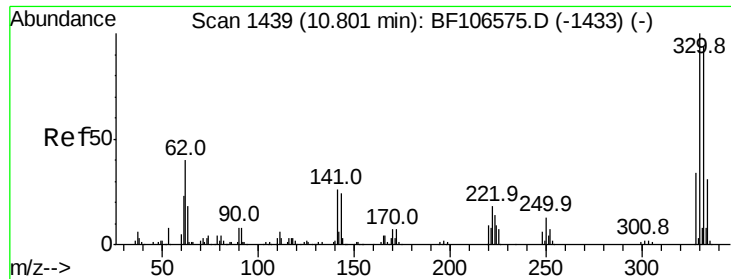
Tot Ion: 82 Resp: 38841
 Ion Ratio Lower Upper
 82 100
 128 41.3 36.1 54.1
 54 47.6 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF107311.D
 Acq: 11 Jul 2018 20:13

Tgt Ion: 164 Resp: 95852
 Ion Ratio Lower Upper
 164 100
 162 97.4 86.1 129.1
 160 45.2 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 13.672 ng

RT: 10.78 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF107311.D

Acq: 11 Jul 2018 20:13

Instrument :

BNA_F

ClientSampleId :

B3

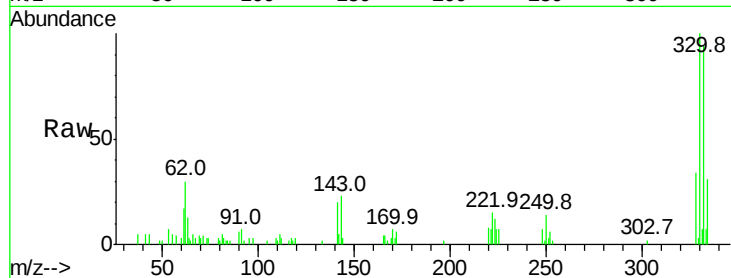
Tot Ion:330 Resp: 15189

Ion Ratio Lower Upper

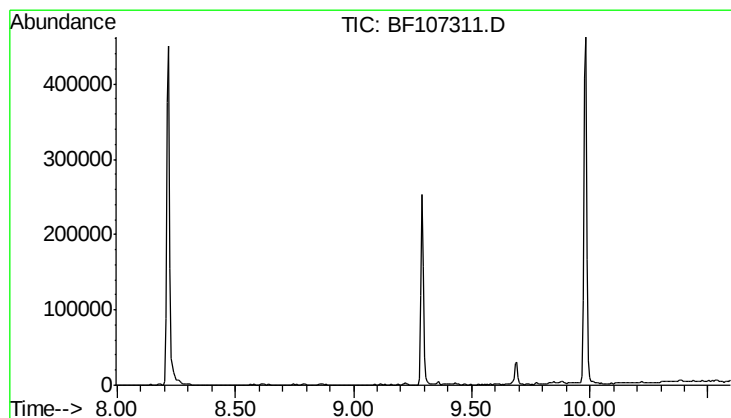
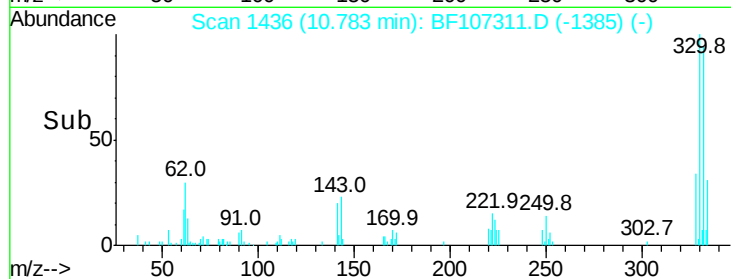
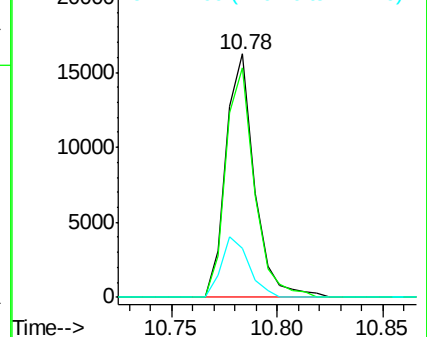
330 100

332 95.0 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: 0.000 ng

Expected RT: 9.30 min

Lab File: BF107311.D

Acq: 11 Jul 2018 20:13

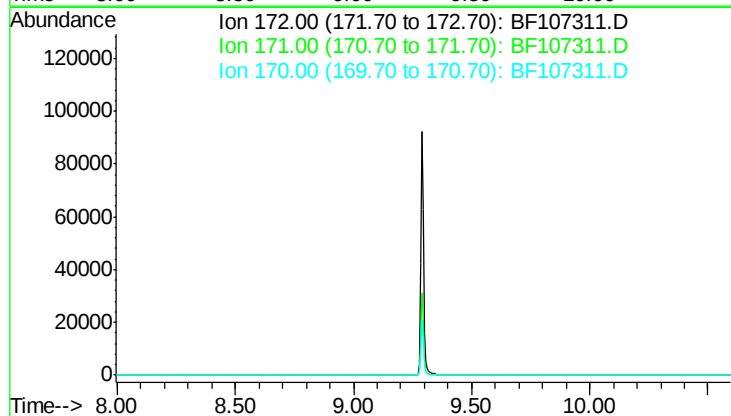
Tgt Ion: 172

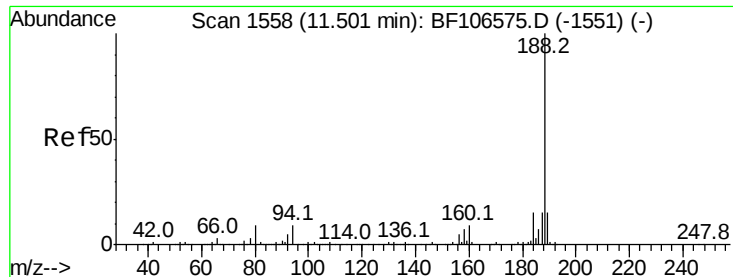
Sig Exp Ratio

172 100

171 37.1

170 24.5

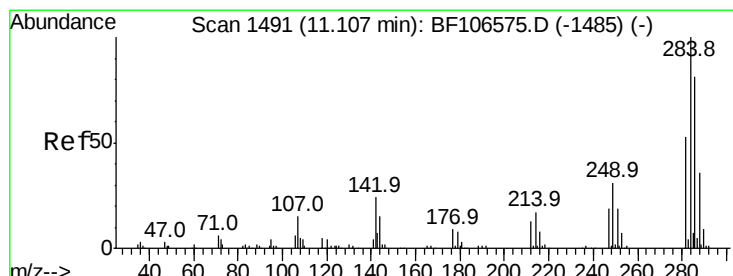
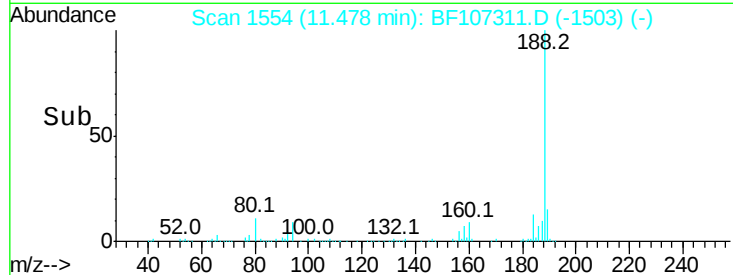
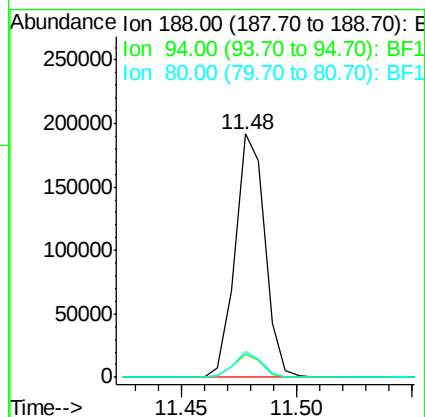
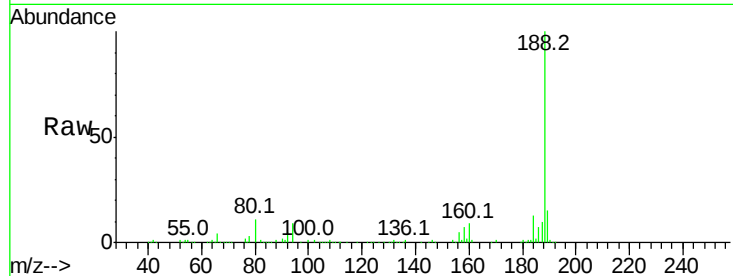




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF107311.D
Acq: 11 Jul 2018 20:13

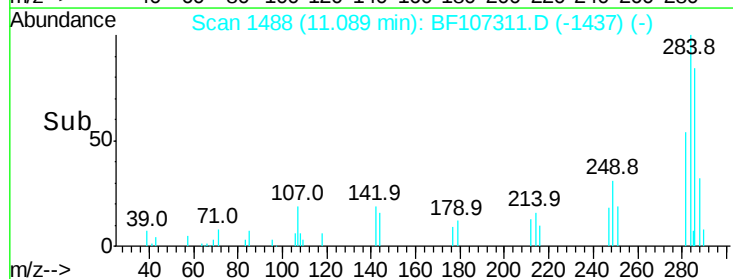
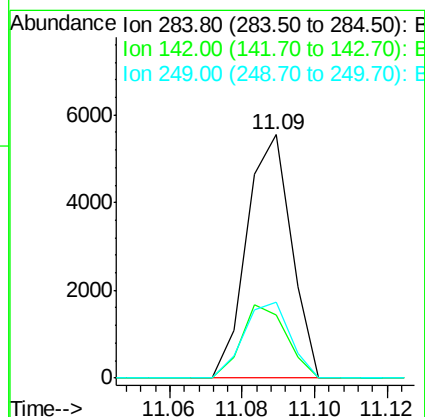
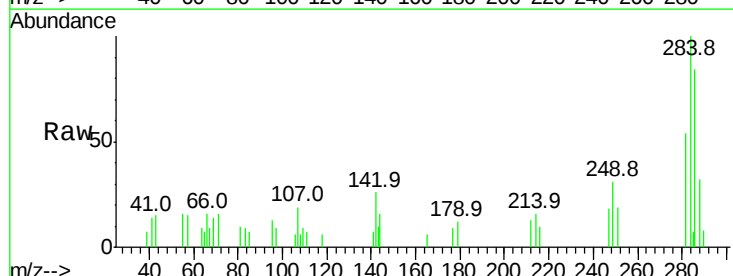
Instrument :
BNA_F
ClientSampled :
B3

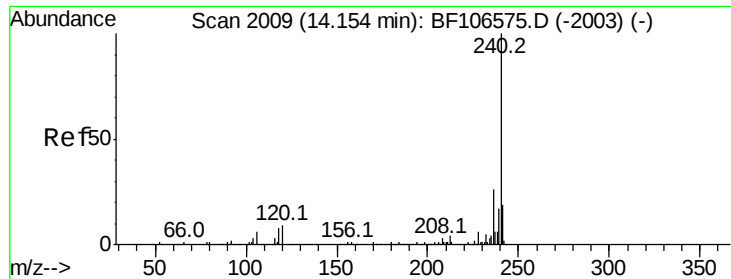
Tot Ion:188 Resp: 172639
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.7 9.2 13.8



#67
Hexachlorobenzene
Concen: 2.192 ng
RT: 11.09 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF107311.D
Acq: 11 Jul 2018 20:13

Tgt Ion:284 Resp: 4726
Ion Ratio Lower Upper
284 100
142 25.9 34.6 52.0#
249 31.4 24.8 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF107311.D

Acq: 11 Jul 2018 20:13

Instrument :

BNA_F

ClientSampleId :

B3

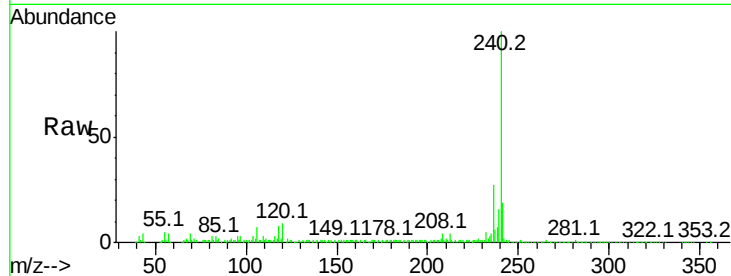
Tot Ion:240 Resp: 143398

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

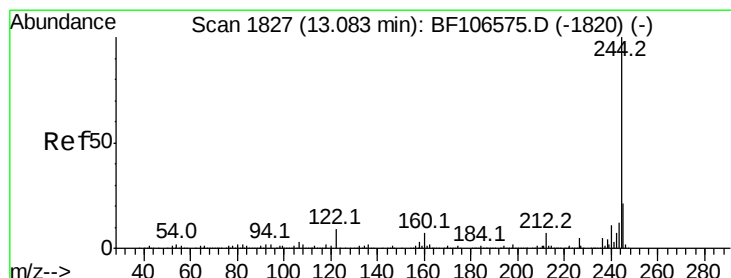
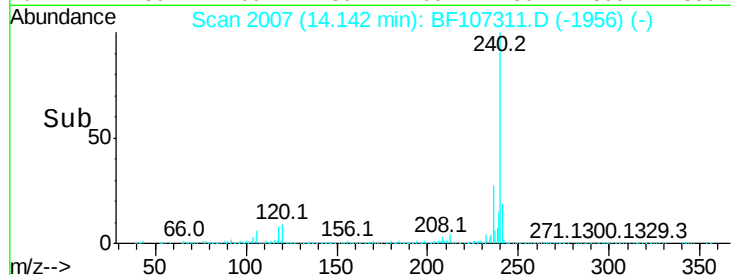
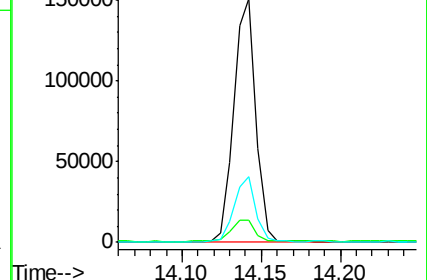
236 27.2 20.7 31.1



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: 14.235 ng

RT: 13.06 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF107311.D

Acq: 11 Jul 2018 20:13

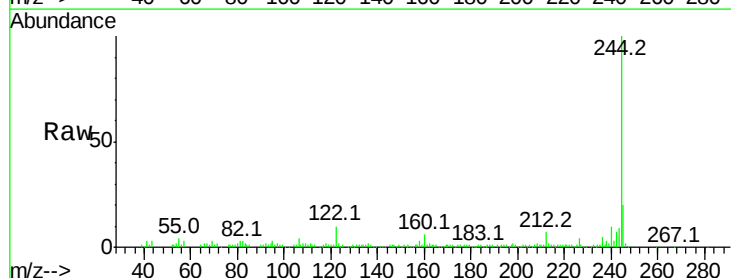
Tgt Ion:244 Resp: 84271

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

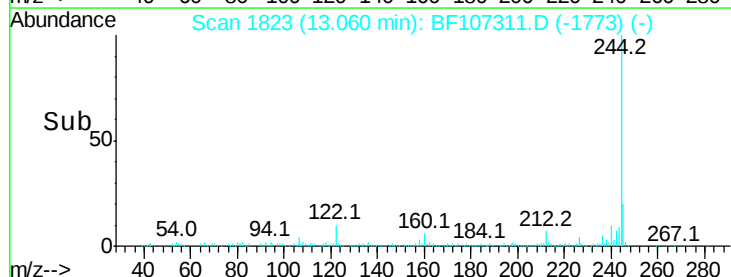
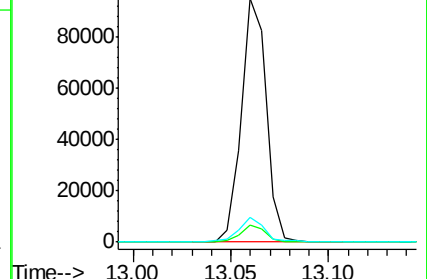
122 9.9 11.0 16.4#

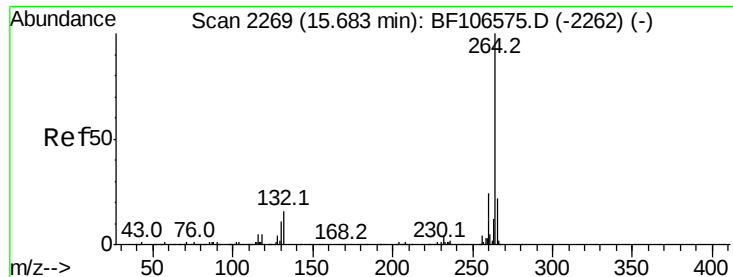


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2269
Delta R.T. 0.01 min
Lab File: BF107311.D
Acq: 11 Jul 2018 20:13

Instrument :
BNA_F
ClientSampleId :
B3

Tot Ion:	264	Resp:	96780
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.3	17.5	26.3

