

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108751.D
 Acq On : 4 Sep 2018 19:55
 Operator : JU/SJ
 Sample : J4748-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11

Quant Time: Sep 05 05:31:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

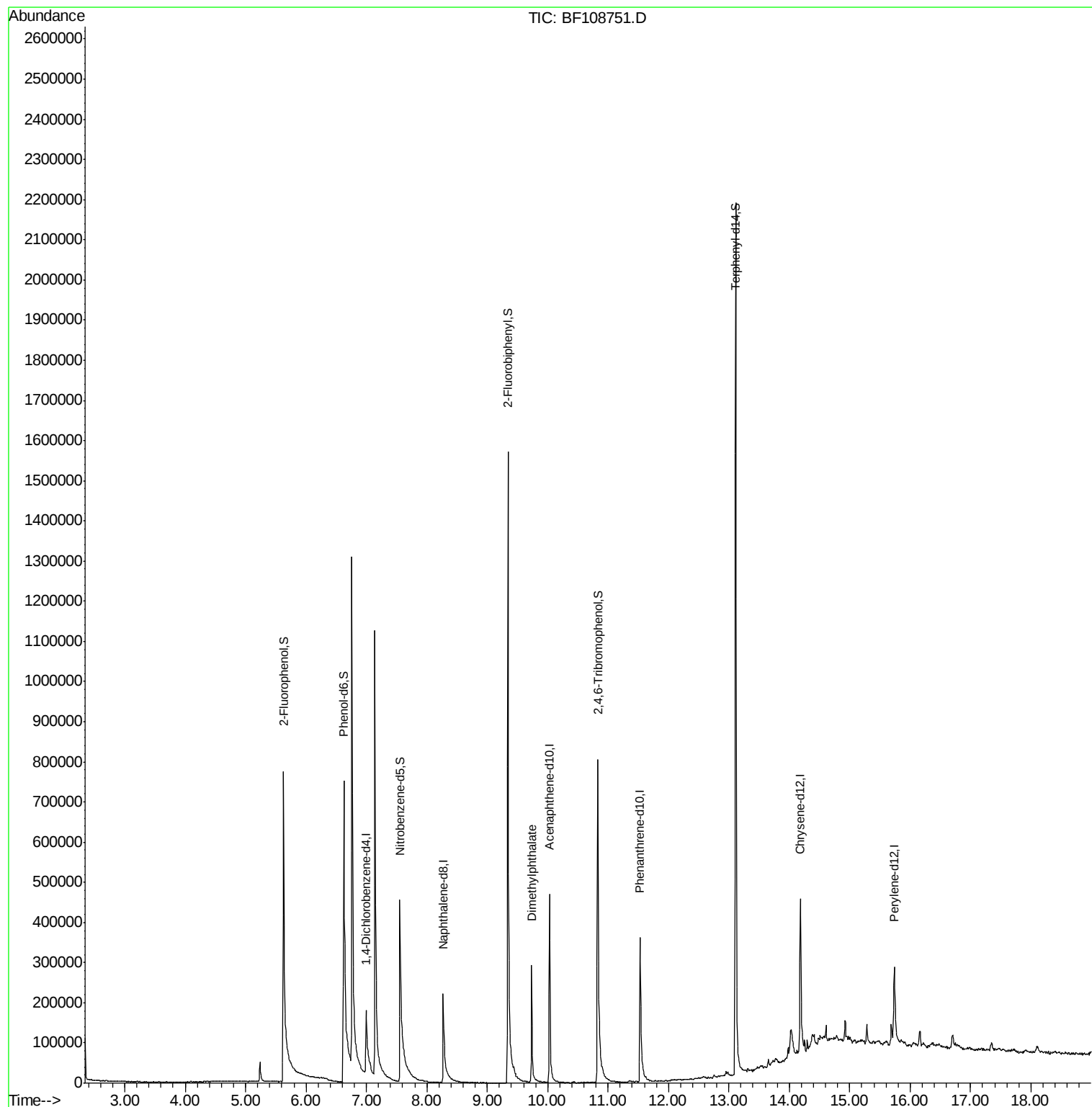
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	63929	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	241361	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	119760	20.00	ng	-0.02
63) Phenanthrene-d10	11.53	188	260167	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	197217	20.00	ng	-0.02
86) Perylene-d12	15.74	264	137952	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	437861	118.98	ng	-0.02
7) Phenol-d6	6.62	99	620885	117.80	ng	-0.02
23) Nitrobenzene-d5	7.55	82	416872	87.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.83	330	176109	111.39	ng	-0.02
44) 2-Fluorobiphenyl	9.34	172	749587	84.16	ng	-0.02
78) Terphenyl-d14	13.11	244	891647	87.84	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.74	163	163189	17.304	ng	Qvalue # 99

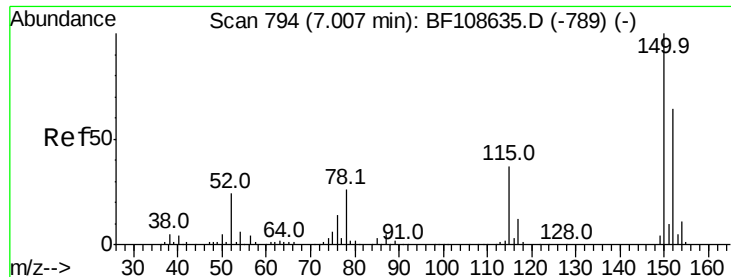
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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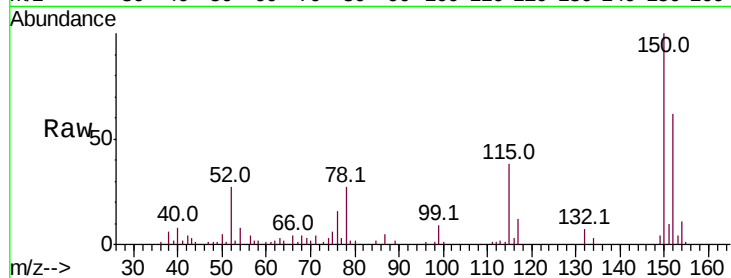


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108751.D
Acq: 4 Sep 2018 19:55

Instrument :
BNA_F
ClientSampleId :
SB-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.6	186.8
115	60.4	50.1	75.1

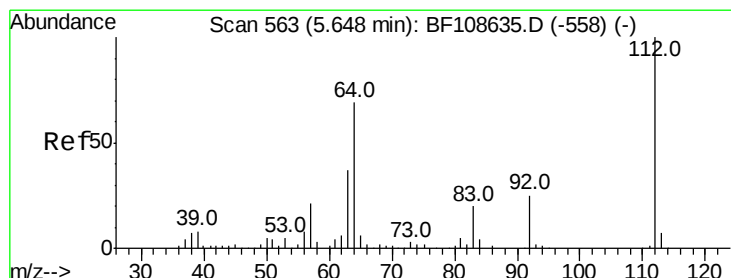
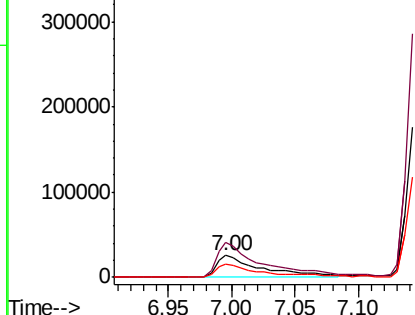
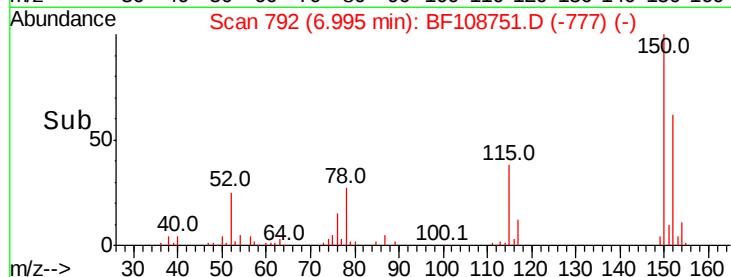


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

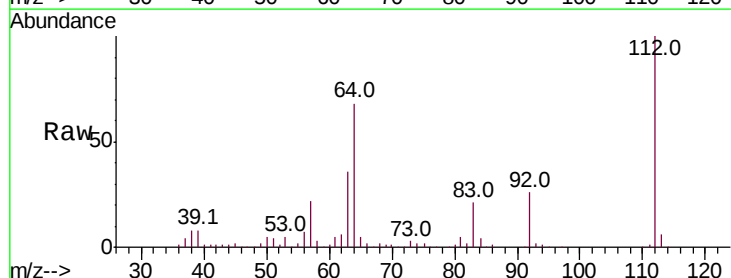
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.984 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF108751.D
Acq: 4 Sep 2018 19:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	47.9	71.9
63	36.2	23.7	35.5

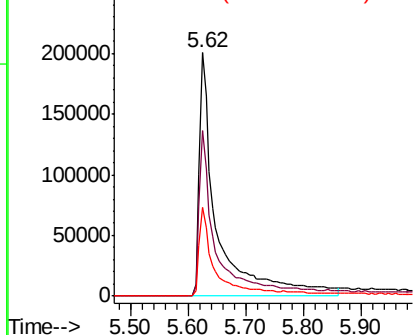
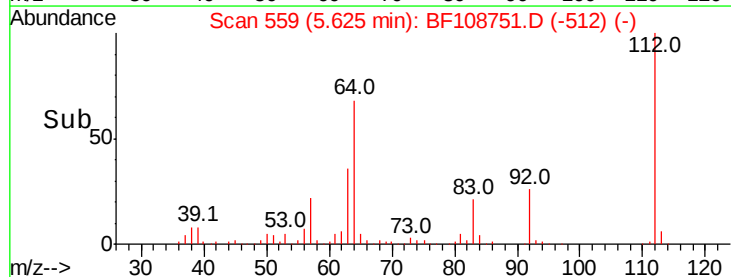


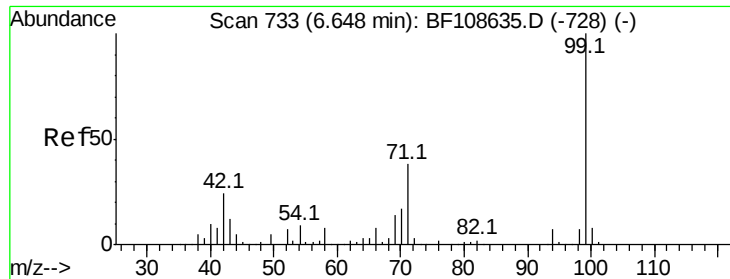
Abundance

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: 117.799 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF108751.D

Acq: 4 Sep 2018 19:55

Instrument :

BNA_F

ClientSampleId :

SB-11

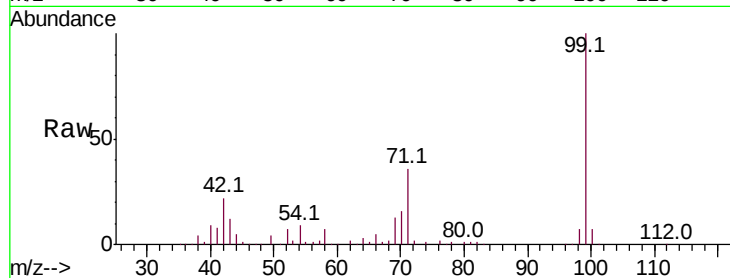
Tot Ion: 99 Resp: 620885

Ion Ratio Lower Upper

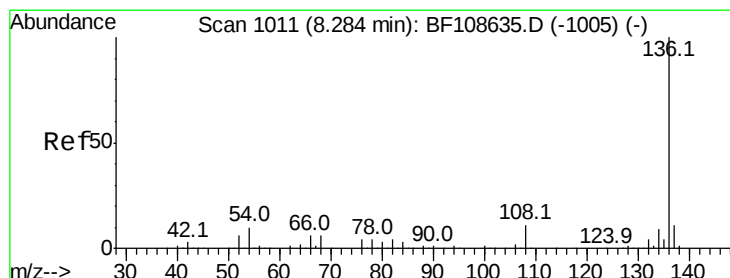
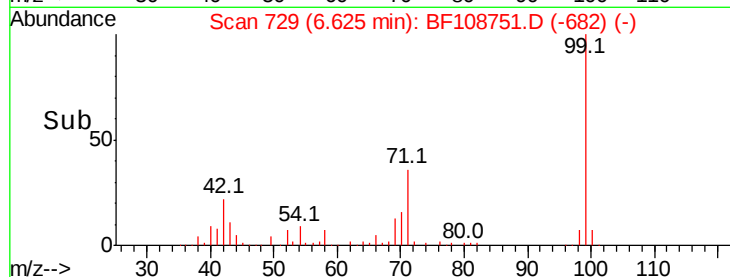
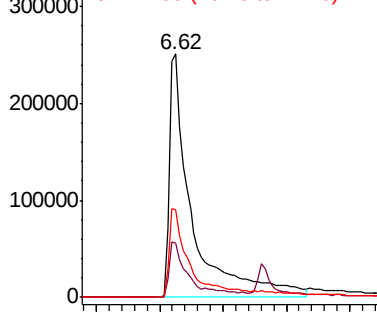
99 100

42 22.1 14.5 21.7#

71 36.0 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: 8.28 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF108751.D

Acq: 4 Sep 2018 19:55

Tgt Ion: 136 Resp: 241361

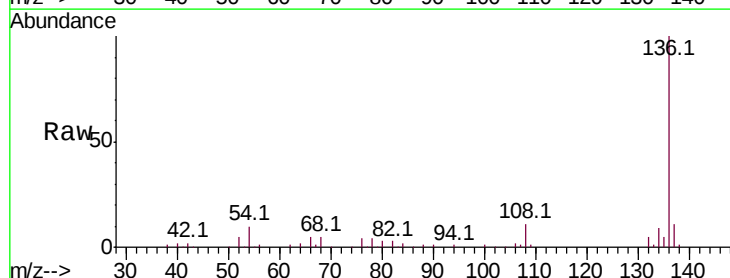
Ion Ratio Lower Upper

136 100

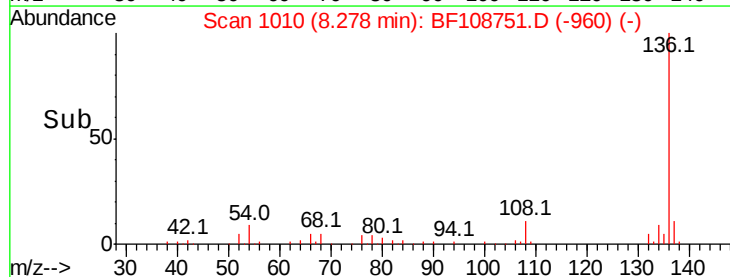
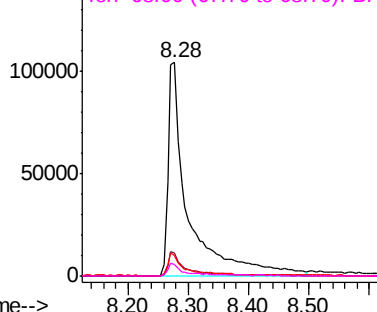
137 10.8 8.9 13.3

54 9.8 6.6 9.8#

68 5.2 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

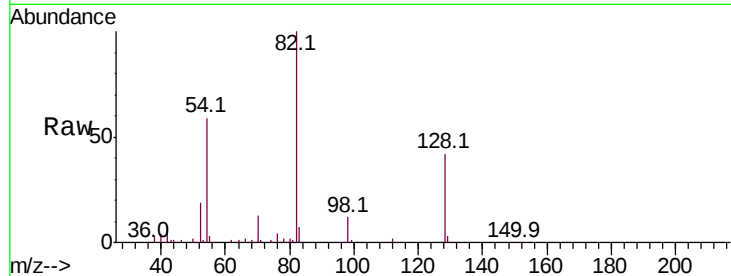




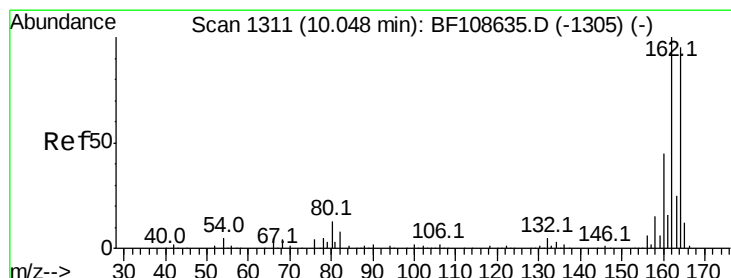
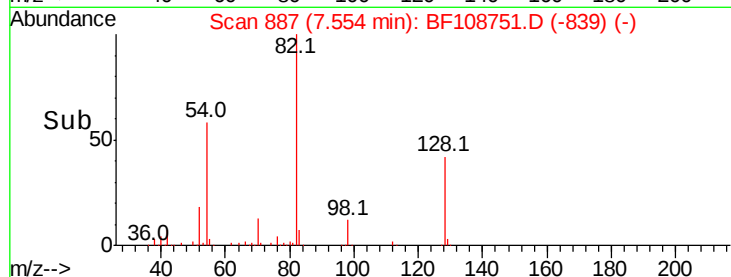
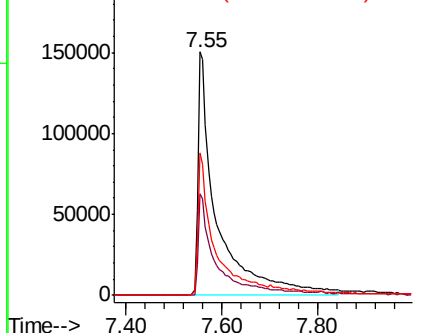
#23
 Nitrobenzene-d5
 Concen: 87.669 ng
 RT: 7.55 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF108751.D
 Acq: 4 Sep 2018 19:55

Instrument :
 BNA_F
 ClientSampled :
 SB-11

Tot Ion: 82 Resp: 416872
 Ion Ratio Lower Upper
 82 100
 128 41.5 36.1 54.1
 54 58.7 41.4 62.2

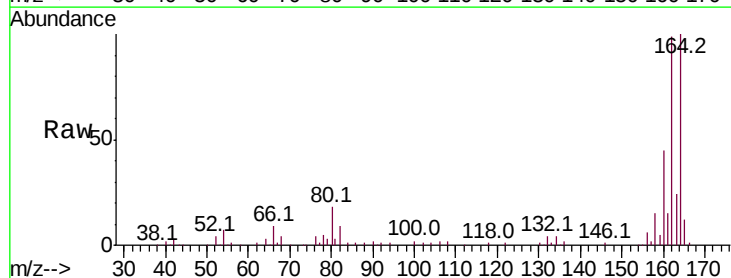


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

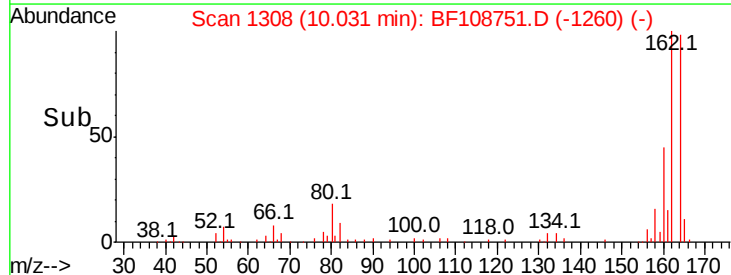
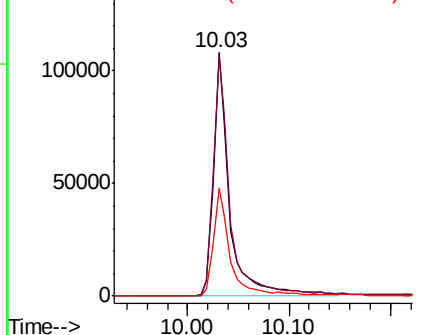


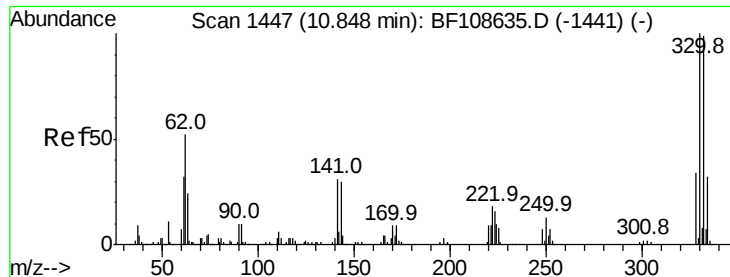
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF108751.D
 Acq: 4 Sep 2018 19:55

Tgt Ion: 164 Resp: 119760
 Ion Ratio Lower Upper
 164 100
 162 98.7 86.1 129.1
 160 44.6 38.3 57.5



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

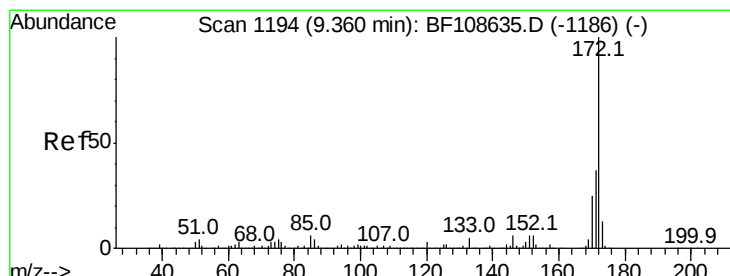
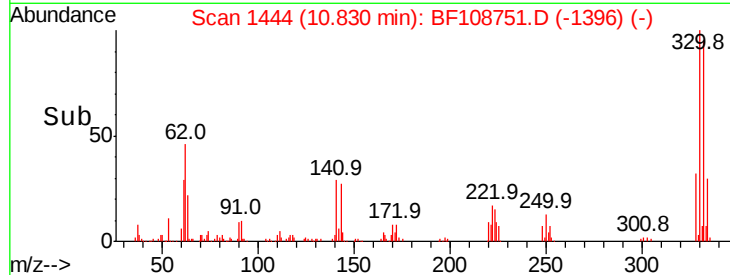
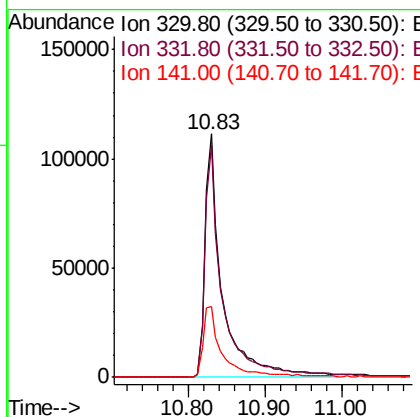
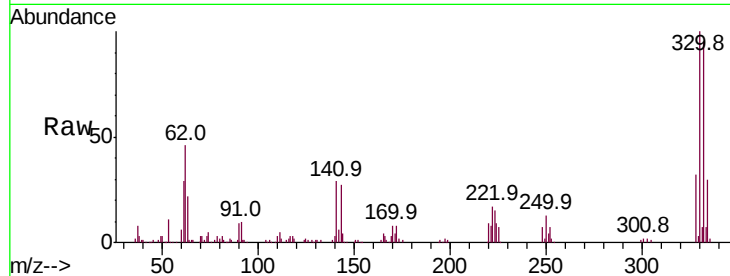




#41
 2,4,6-Tribromophenol
 Concen: 111.392 ng
 RT: 10.83 min Scan# 1444
 Delta R.T. -0.02 min
 Lab File: BF108751.D
 Acq: 4 Sep 2018 19:55

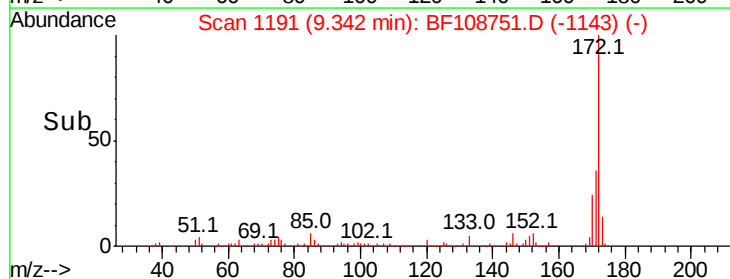
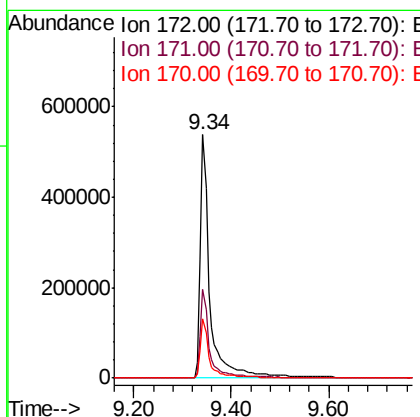
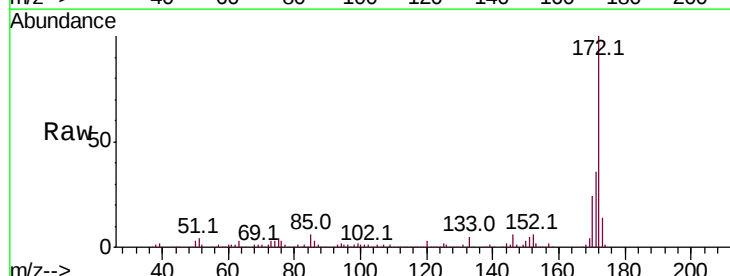
Instrument :
 BNA_F
 ClientSampled :
 SB-11

Tot Ion:330 Resp: 176109
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 33.0 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 84.158 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF108751.D
 Acq: 4 Sep 2018 19:55

Tgt Ion:172 Resp: 749587
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.2 19.6 29.4

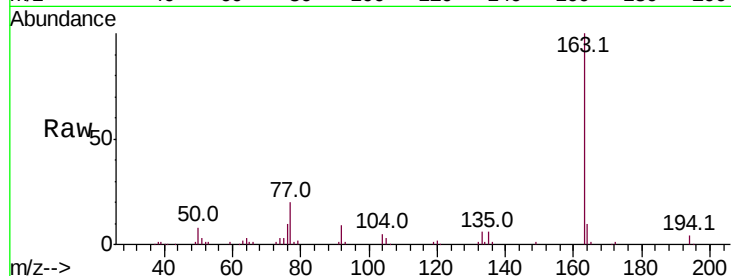




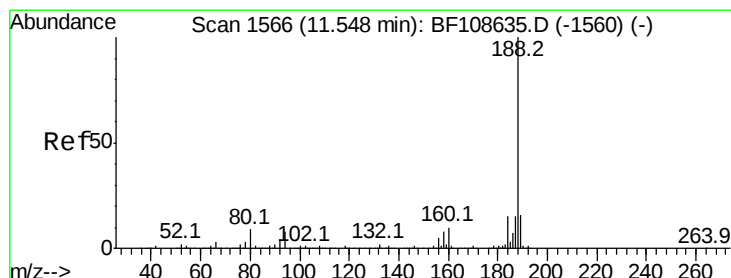
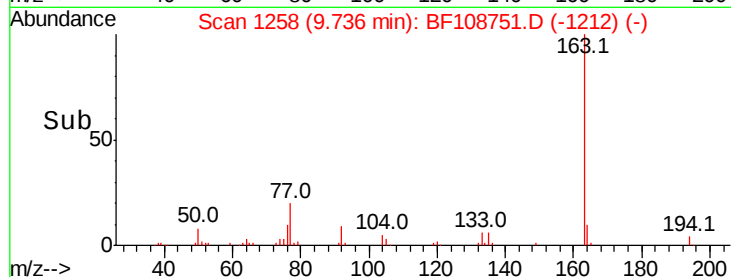
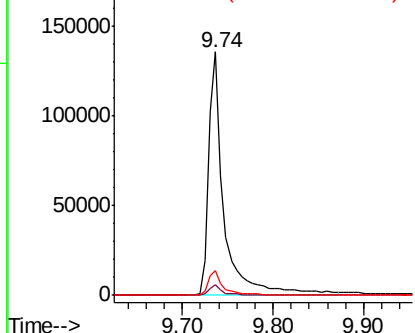
#49
Dimethylphthalate
Concen: 17.304 ng
RT: 9.74 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF108751.D
Acq: 4 Sep 2018 19:55

Instrument :
BNA_F
ClientSampleId :
SB-11

Tot Ion:163 Resp: 163189
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.2 8.2 12.2

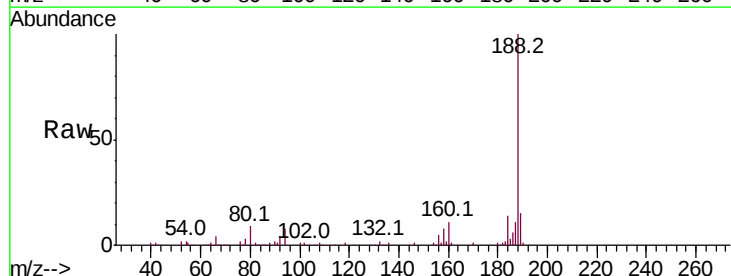


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

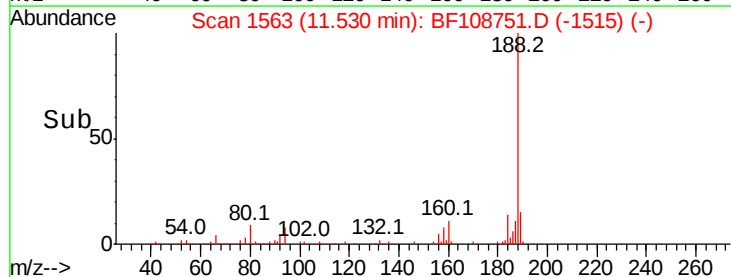
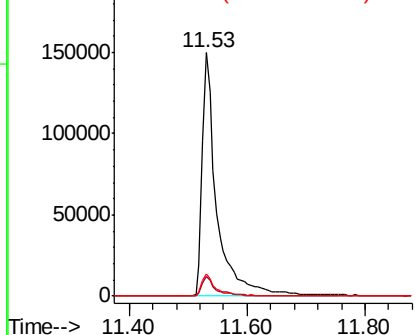


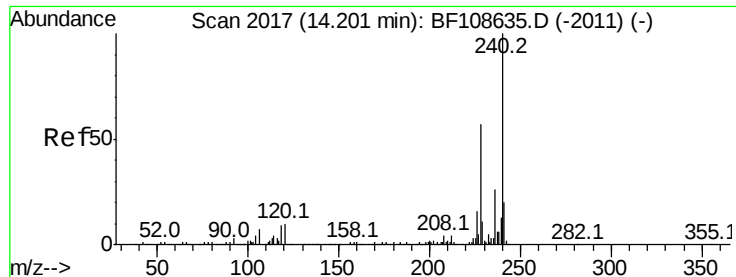
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF108751.D
Acq: 4 Sep 2018 19:55

Tgt Ion:188 Resp: 260167
Ion Ratio Lower Upper
188 100
94 8.1 8.5 12.7#
80 8.9 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: 14.18 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BF108751.D

Acq: 4 Sep 2018 19:55

Instrument :

BNA_F

ClientSampleId :

SB-11

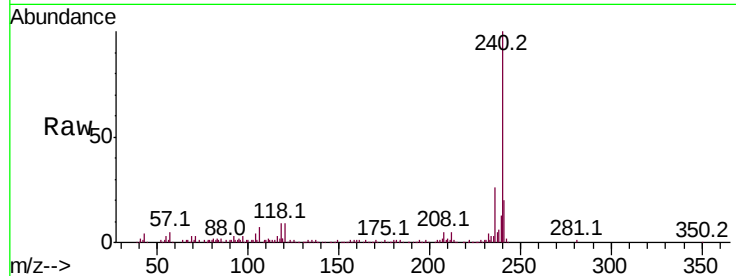
Tot Ion:240 Resp: 197217

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

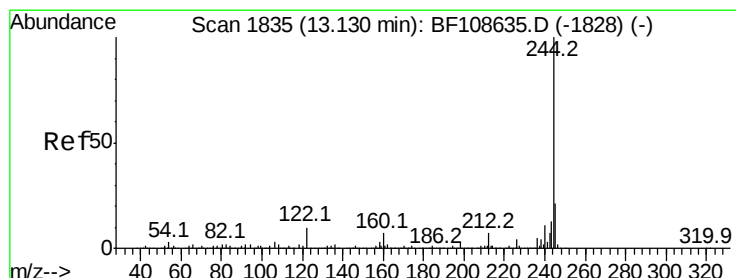
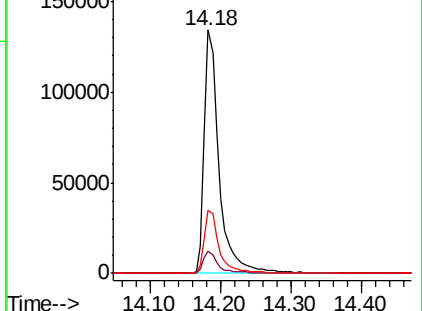
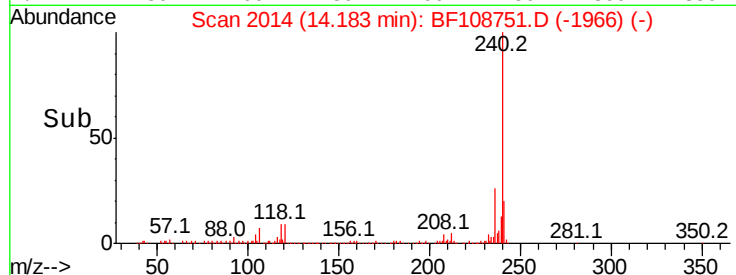
236 25.7 20.7 31.1



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: 87.844 ng

RT: 13.11 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF108751.D

Acq: 4 Sep 2018 19:55

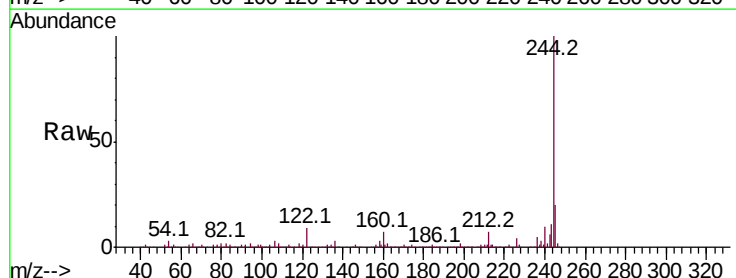
Tgt Ion:244 Resp: 891647

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

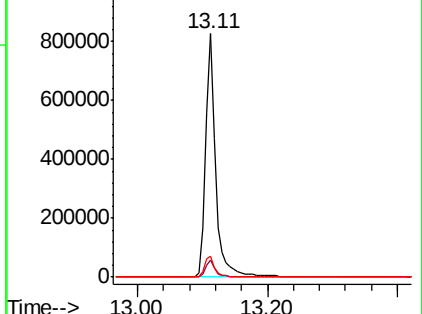
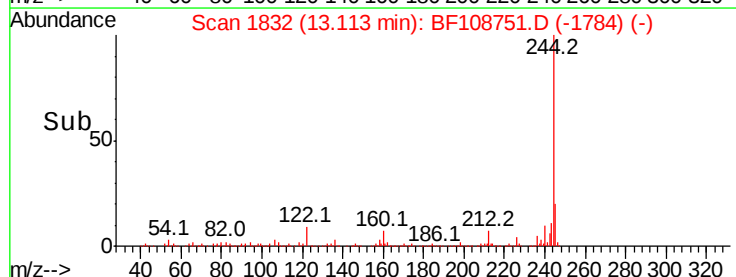
122 8.8 11.0 16.4#

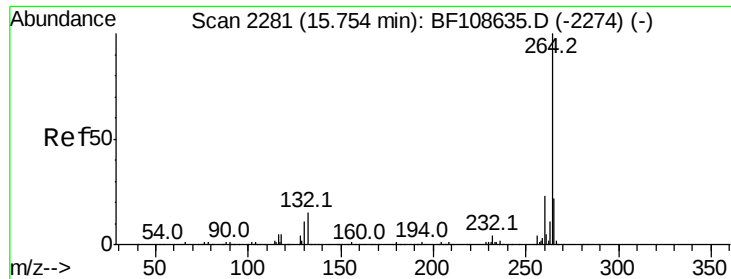


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

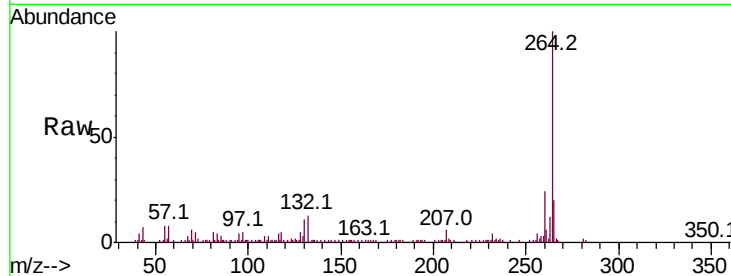




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF108751.D
Acq: 4 Sep 2018 19:55

Instrument :
BNA_F
ClientSampleId :
SB-11

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.5	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

