

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108689.D
 Acq On : 31 Aug 2018 15:19
 Operator : JU/SJ
 Sample : J4712-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13

Quant Time: Aug 31 16:37:53 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

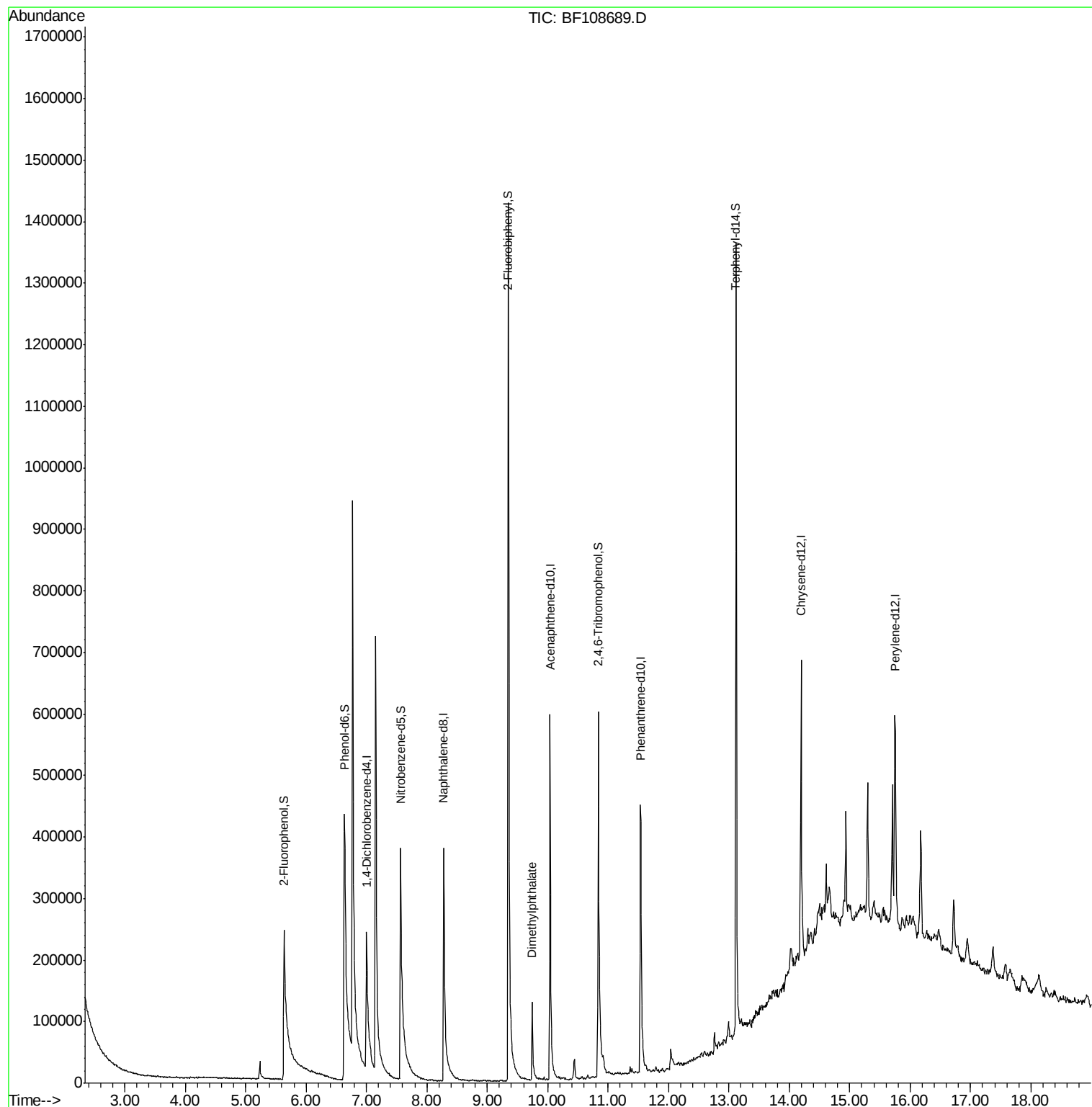
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	83165	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	366977	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	171321	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	272352	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	231141	20.00	ng	0.00
86) Perylene-d12	15.75	264	235860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	275355	57.52	ng	-0.01
7) Phenol-d6	6.64	99	525808	76.69	ng	-0.01
23) Nitrobenzene-d5	7.57	82	360333	49.84	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	128874	56.98	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	714653	56.09	ng	-0.01
78) Terphenyl-d14	13.12	244	521182	43.81	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.74	163	86005	6.375	ng	Qvalue # 99

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

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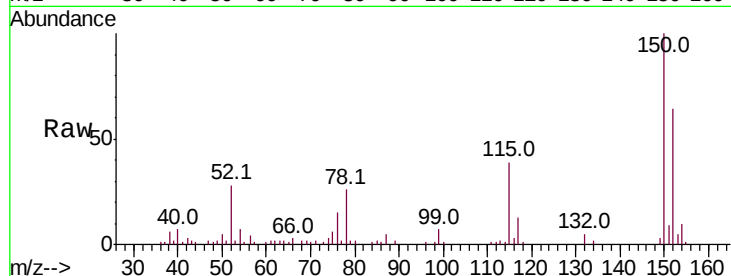


#1

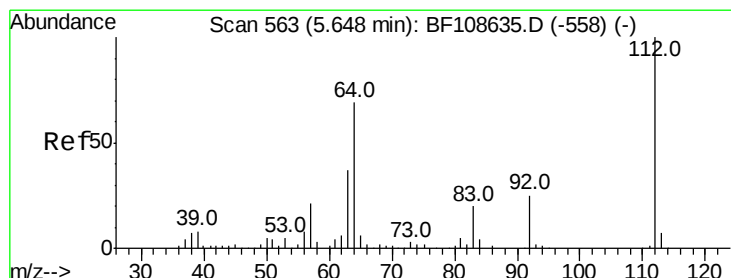
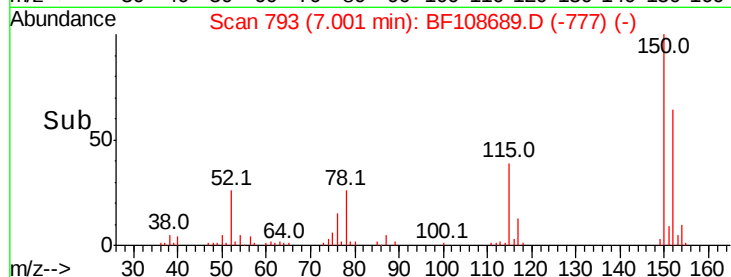
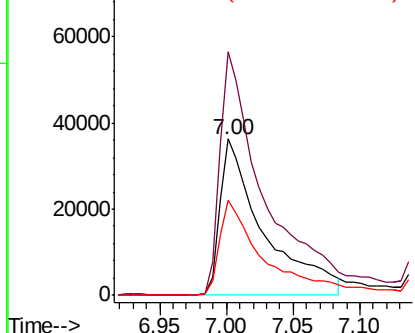
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108689.D
Acq: 31 Aug 2018 15:19

Instrument :
BNA_F
ClientSampled :
SB-13

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	60.5	50.1	75.1



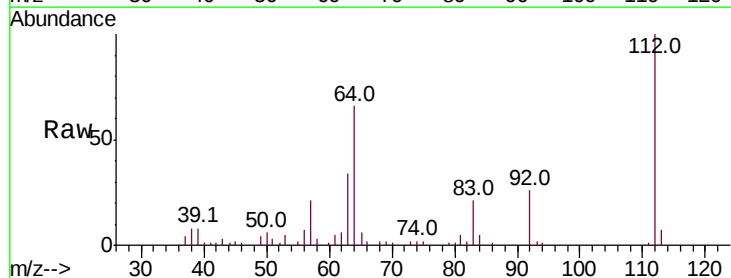
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



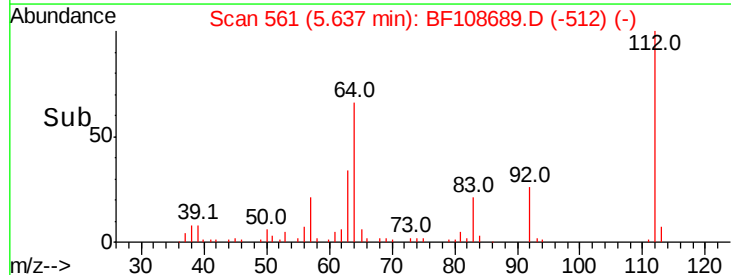
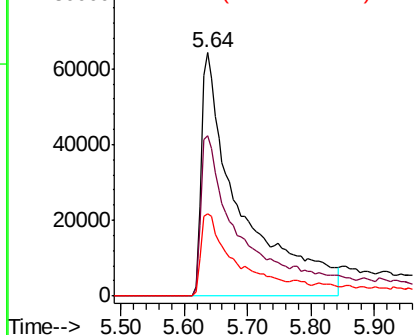
#5

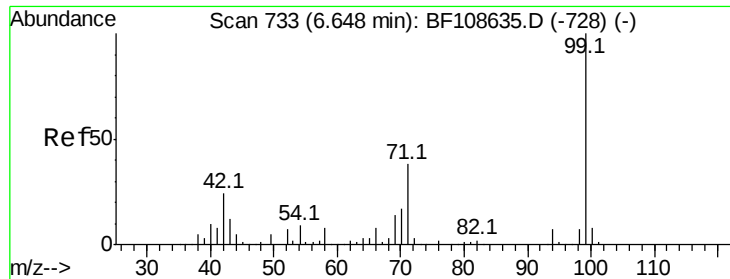
2-Fluorophenol
Concen: 57.518 ng
RT: 5.64 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF108689.D
Acq: 31 Aug 2018 15:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	33.7	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: 76.686 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108689.D

Acq: 31 Aug 2018 15:19

Instrument :

BNA_F

ClientSampleId :

SB-13

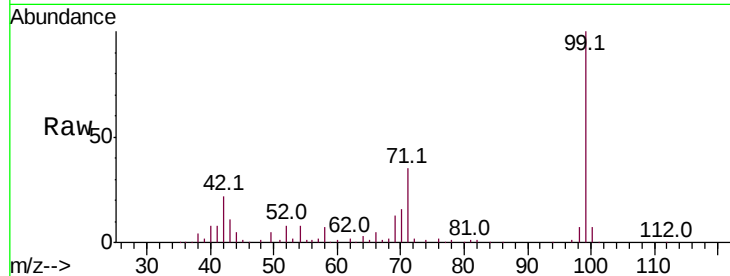
Tot Ion: 99 Resp: 525808

Ion Ratio Lower Upper

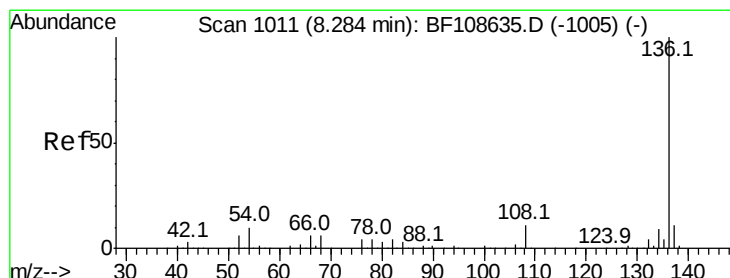
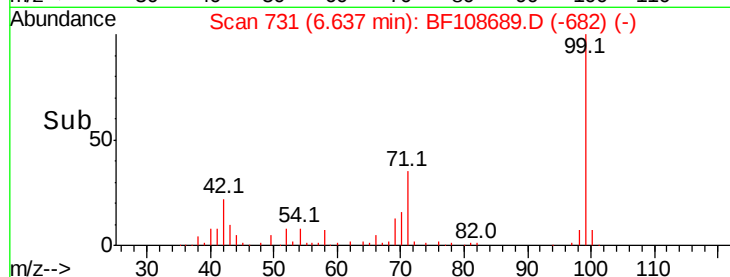
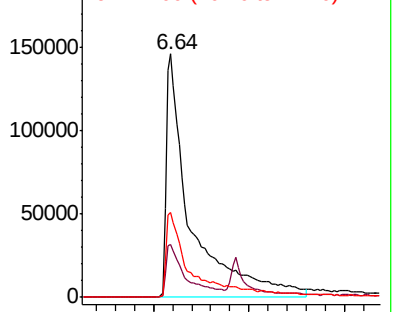
99 100

42 21.7 14.5 21.7

71 34.8 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: BF108689.D

Acq: 31 Aug 2018 15:19

Tgt Ion: 136 Resp: 366977

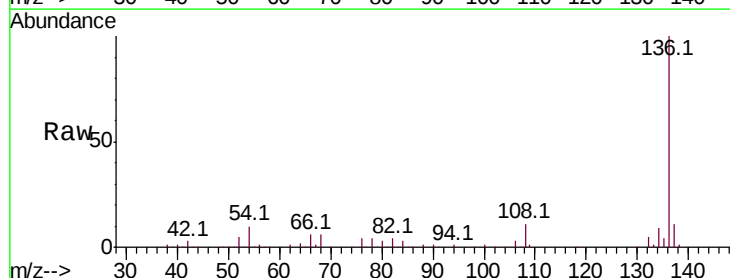
Ion Ratio Lower Upper

136 100

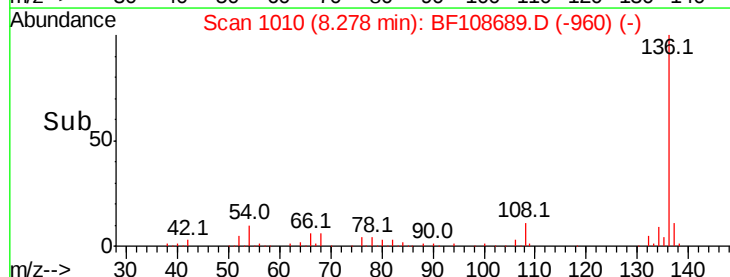
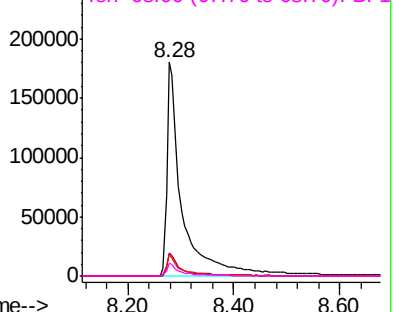
137 11.1 8.9 13.3

54 9.9 6.6 9.8#

68 6.1 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

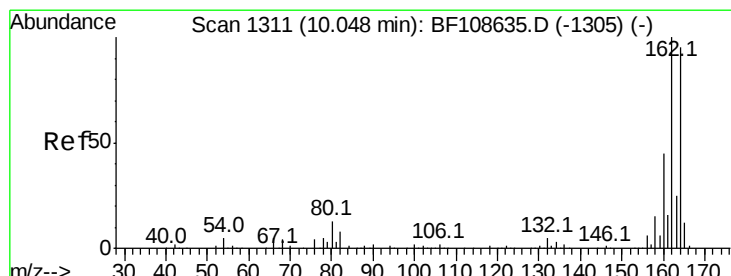
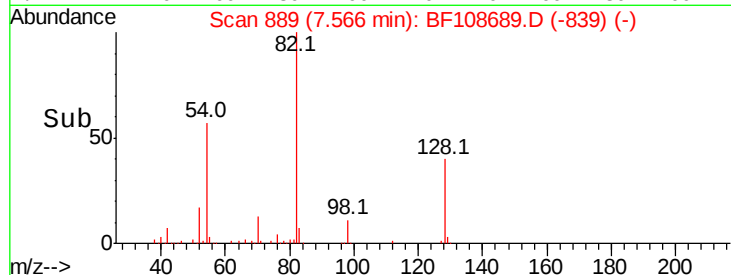
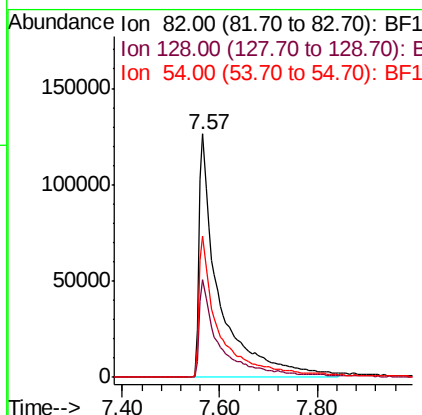
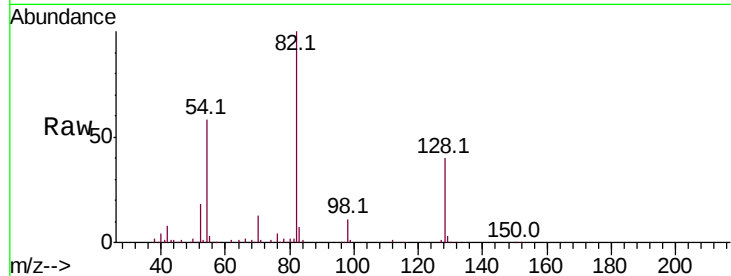




#23
Nitrobenzene-d5
Concen: 49.840 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108689.D
Acq: 31 Aug 2018 15:19

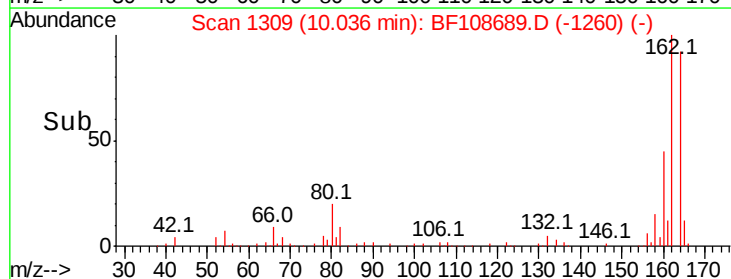
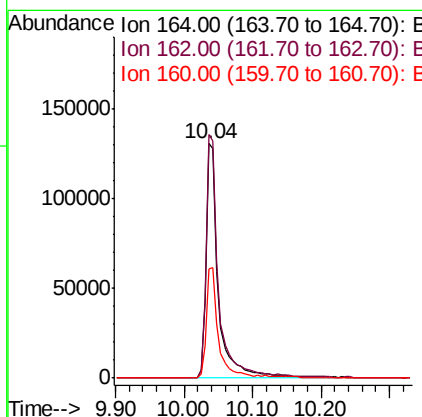
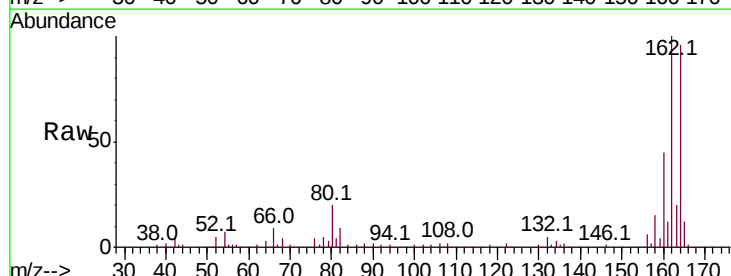
Instrument :
BNA_F
ClientSampleId :
SB-13

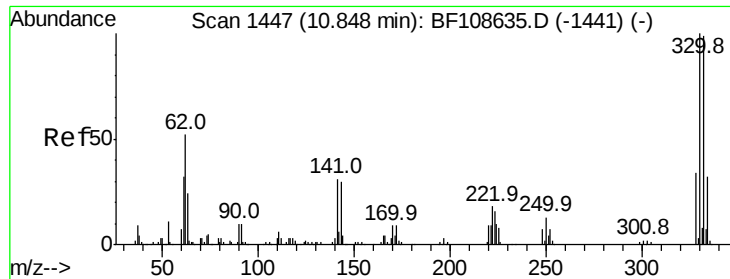
Tot Ion: 82 Resp: 360333
Ion Ratio Lower Upper
82 100
128 40.1 36.1 54.1
54 57.8 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF108689.D
Acq: 31 Aug 2018 15:19

Tgt Ion: 164 Resp: 171321
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 46.4 38.3 57.5

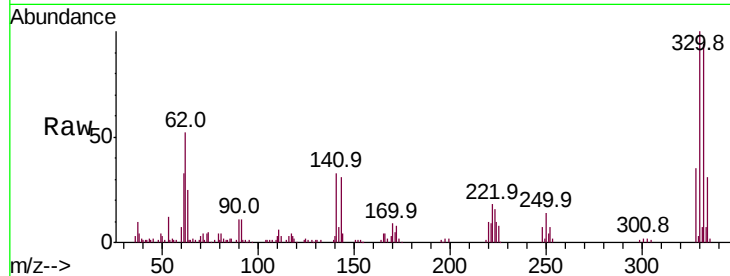




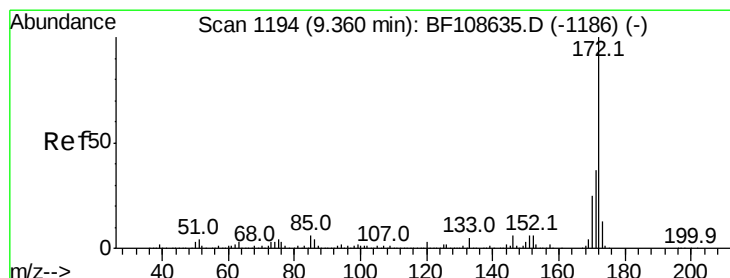
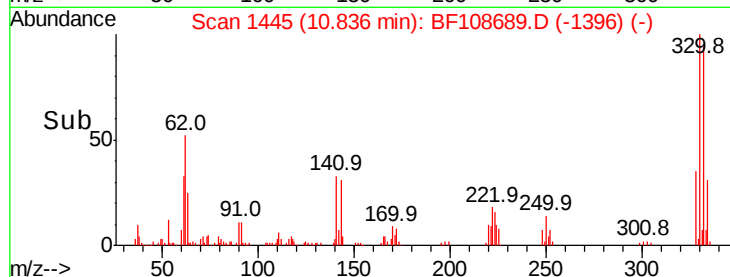
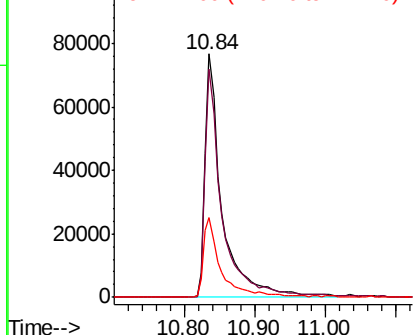
#41
 2,4,6-Tribromophenol
 Concen: 56.982 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108689.D
 Acq: 31 Aug 2018 15:19

Instrument :
 BNA_F
 ClientSampled :
 SB-13

Tot Ion:330 Resp: 128874
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 33.0 29.9 44.9

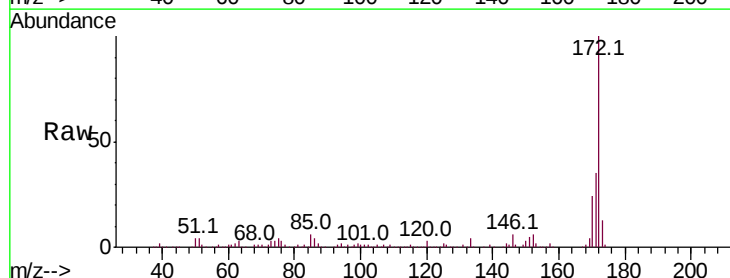


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

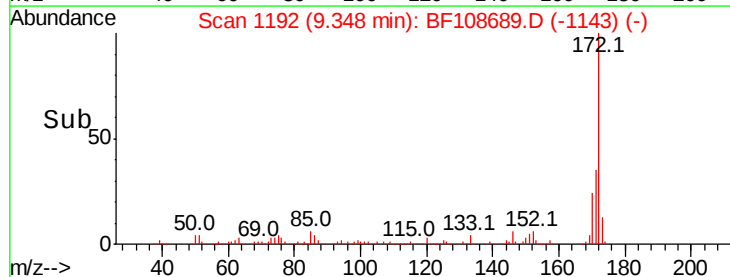
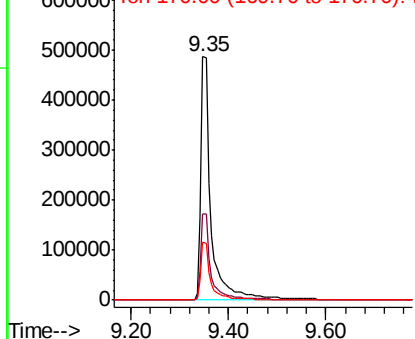


#44
 2-Fluorobiphenyl
 Concen: 56.088 ng
 RT: 9.35 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF108689.D
 Acq: 31 Aug 2018 15:19

Tgt Ion:172 Resp: 714653
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 23.9 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: 6.375 ng

RT: 9.74 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF108689.D

Acq: 31 Aug 2018 15:19

Instrument :

BNA_F

ClientSampleId :

SB-13

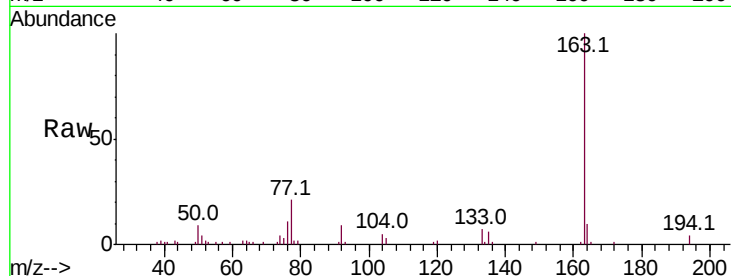
Tot Ion:163 Resp: 86005

Ion Ratio Lower Upper

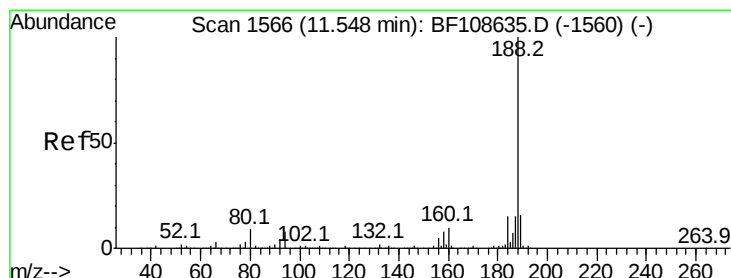
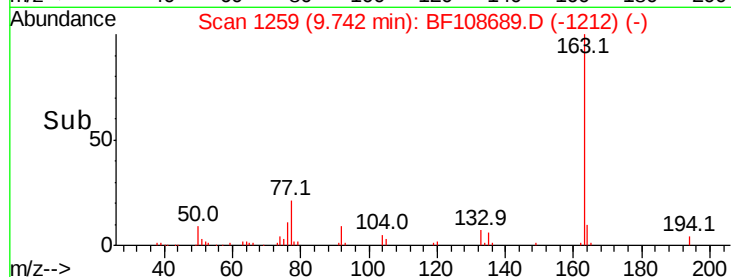
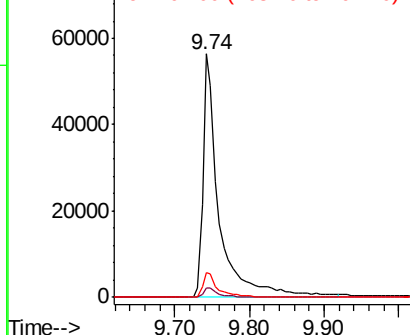
163 100

194 4.1 2.7 4.1#

164 10.1 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: 11.54 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF108689.D

Acq: 31 Aug 2018 15:19

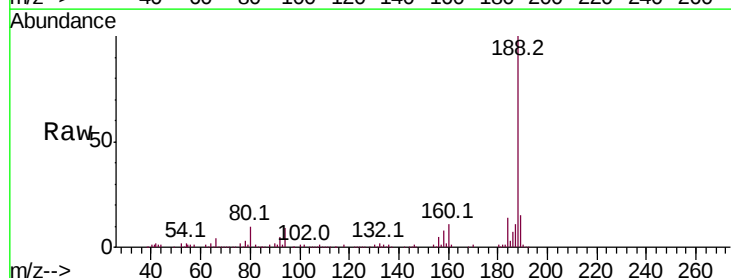
Tgt Ion:188 Resp: 272352

Ion Ratio Lower Upper

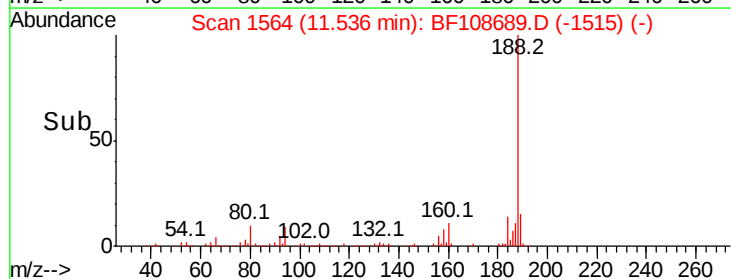
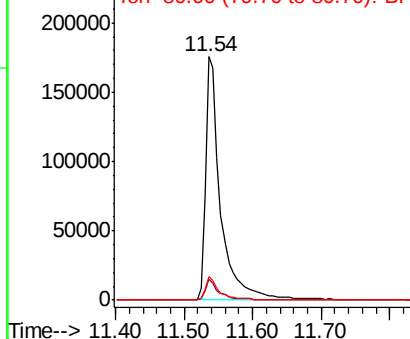
188 100

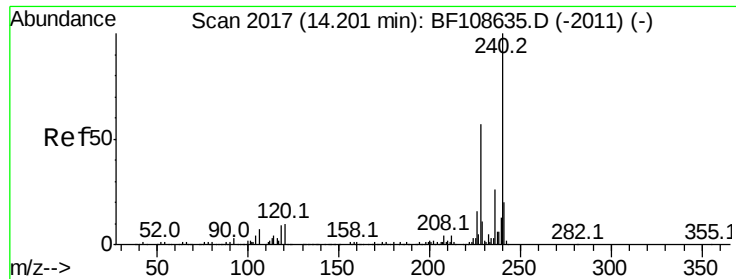
94 8.5 8.5 12.7

80 9.7 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: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108689.D

Acq: 31 Aug 2018 15:19

Instrument :

BNA_F

ClientSampleId :

SB-13

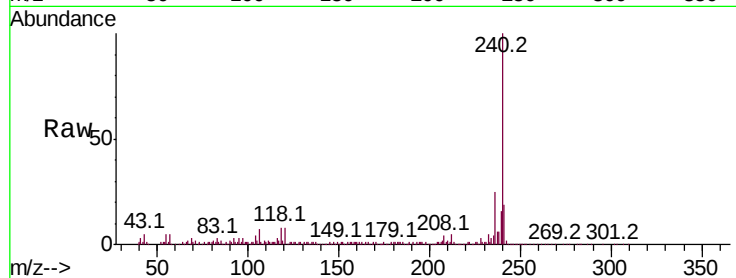
Tot Ion:240 Resp: 231141

Ion Ratio Lower Upper

240 100

120 7.9 9.5 14.3#

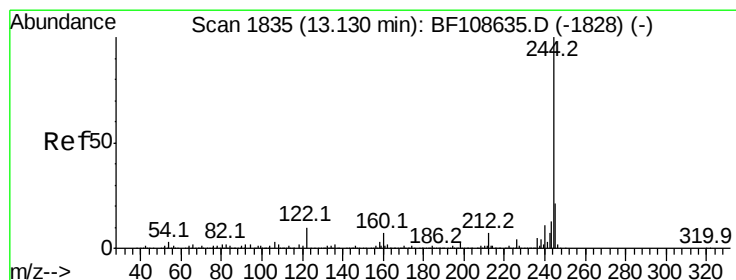
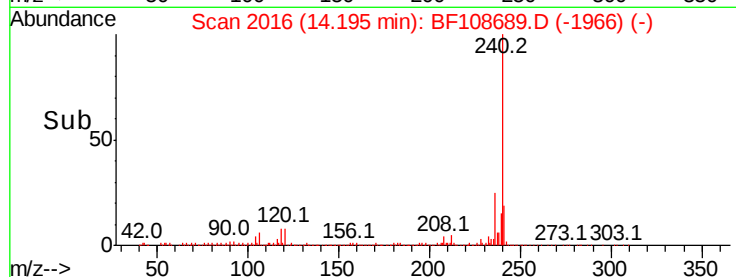
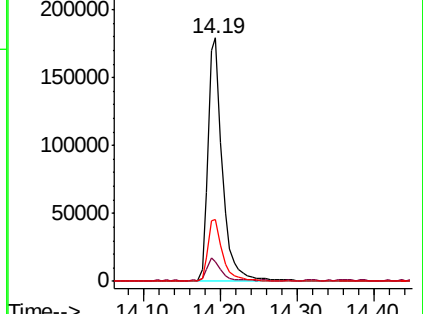
236 25.5 20.7 31.1



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: 43.810 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108689.D

Acq: 31 Aug 2018 15:19

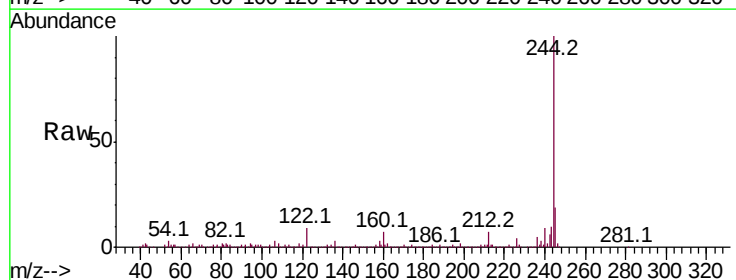
Tgt Ion:244 Resp: 521182

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

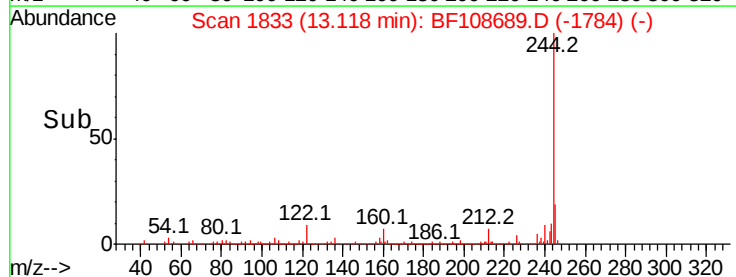
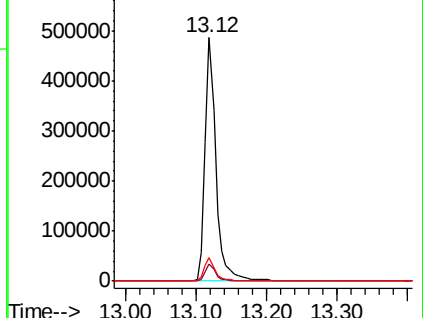
122 9.5 11.0 16.4#

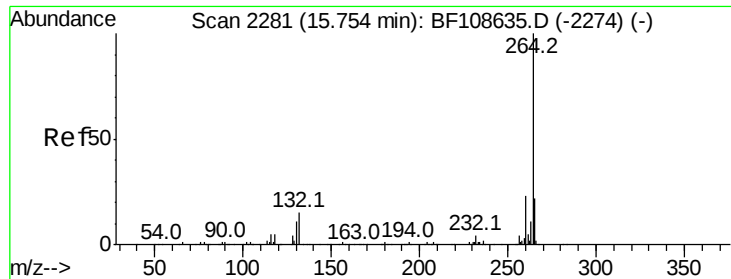


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108689.D
Acq: 31 Aug 2018 15:19

Instrument :
BNA_F
ClientSampleId :
SB-13

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	17.5	26.3

