

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109699.D
 Acq On : 9 Oct 2018 17:12
 Operator : JU/SJ
 Sample : J5300-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SR-STONE

Quant Time: Oct 09 18:20:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

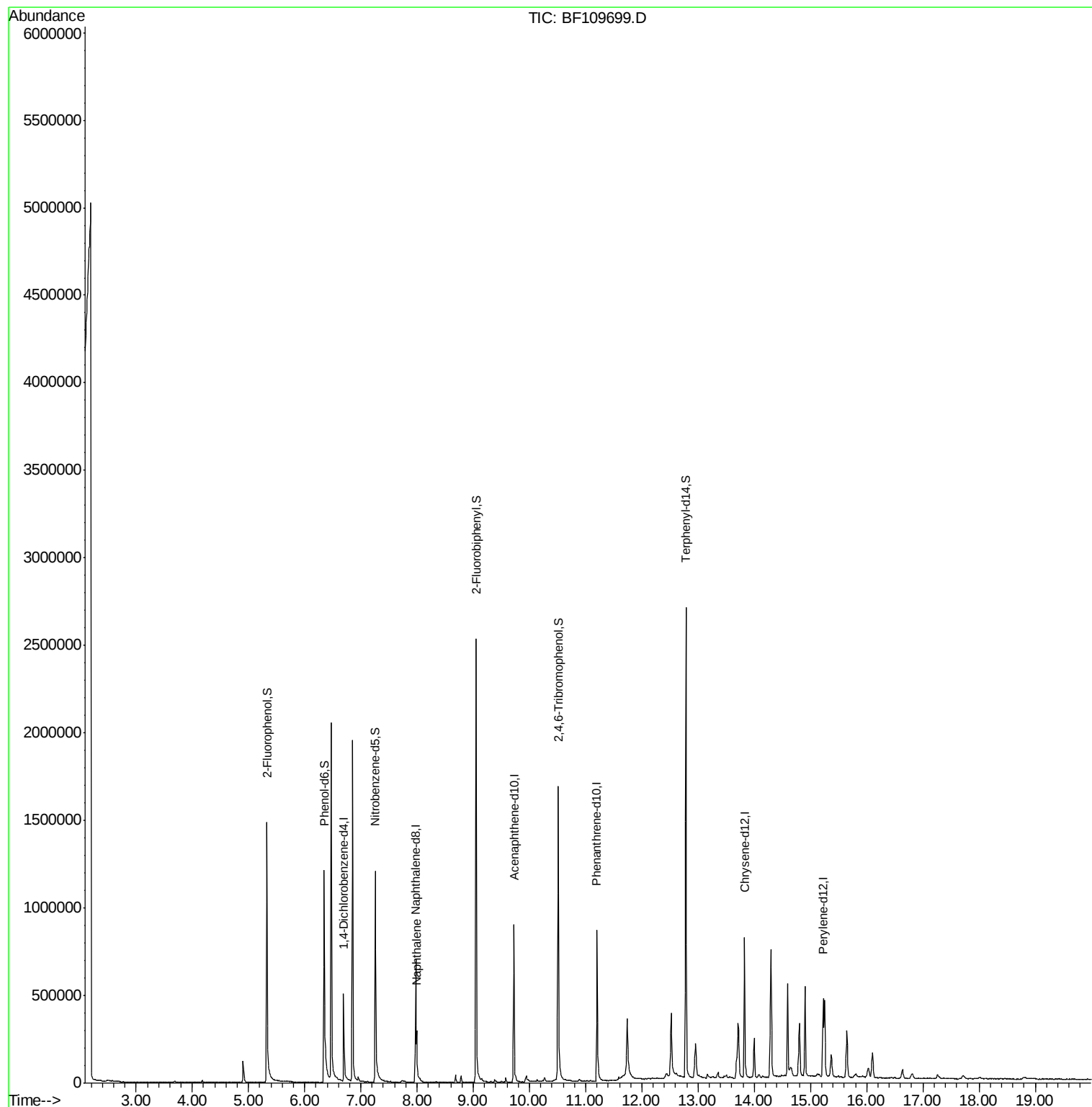
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	98595	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	395301	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	194281	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	398125	20.00	ng	0.00
75) Chrysene-d12	13.83	240	311464	20.00	ng	0.00
86) Perylene-d12	15.22	264	246620	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	524860	94.49	ng	0.00
7) Phenol-d6	6.35	99	643166	86.68	ng	-0.01
23) Nitrobenzene-d5	7.26	82	542235	75.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	244102	115.31	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1001551	71.00	ng	0.00
78) Terphenyl-d14	12.79	244	1079594	67.10	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	7.99	128	140966	7.711	ng	99

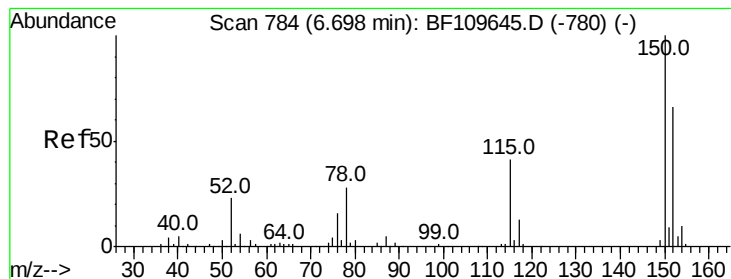
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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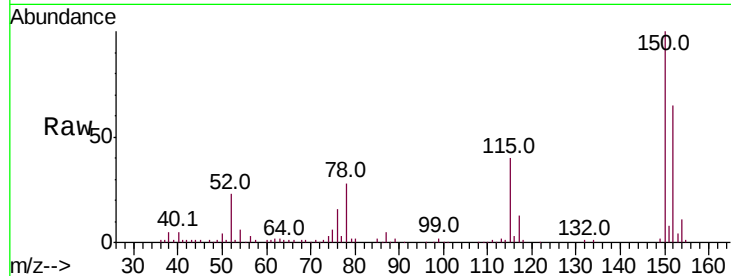


#1

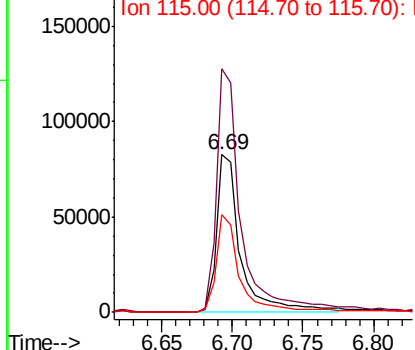
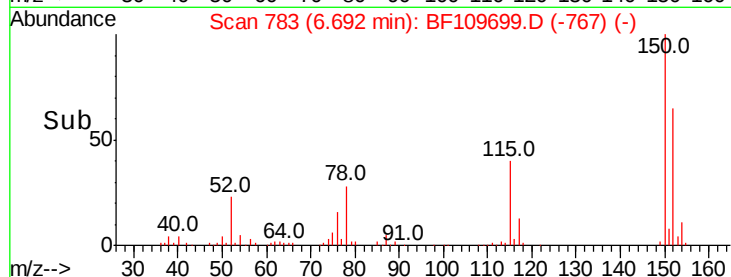
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF109699.D
 Acq: 9 Oct 2018 17:12

Instrument :
 BNA_F
 ClientSampleId :
 SR-STONE

Tot Ion:152 Resp: 98595
 Ion Ratio Lower Upper
 152 100
 150 154.3 122.7 184.1
 115 61.9 49.1 73.7



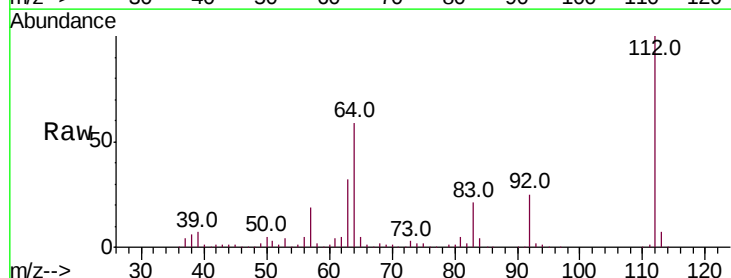
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



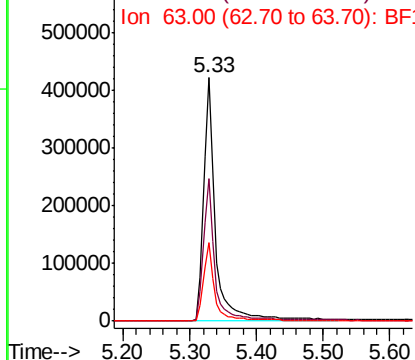
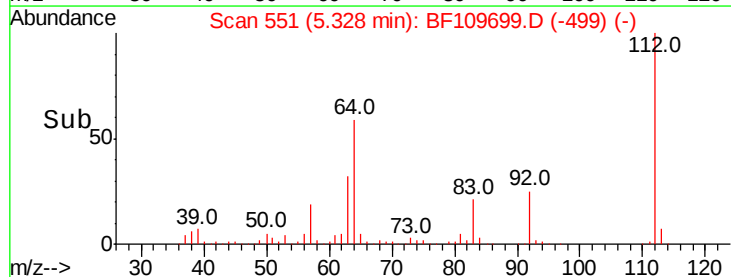
#5

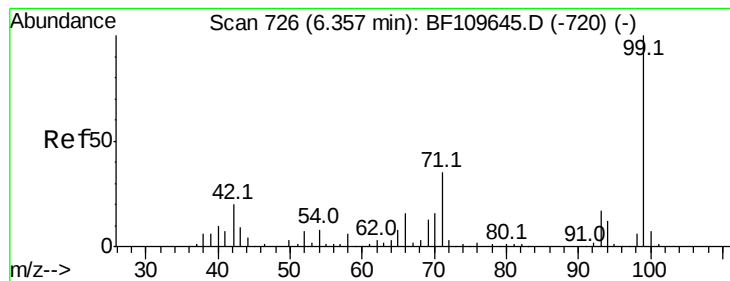
2-Fluorophenol
 Concen: 94.492 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF109699.D
 Acq: 9 Oct 2018 17:12

Tgt Ion:112 Resp: 524860
 Ion Ratio Lower Upper
 112 100
 64 58.8 44.1 66.1
 63 32.0 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: 86.677 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109699.D

Acq: 9 Oct 2018 17:12

Instrument :

BNA_F

ClientSampleId :

SR-STONE

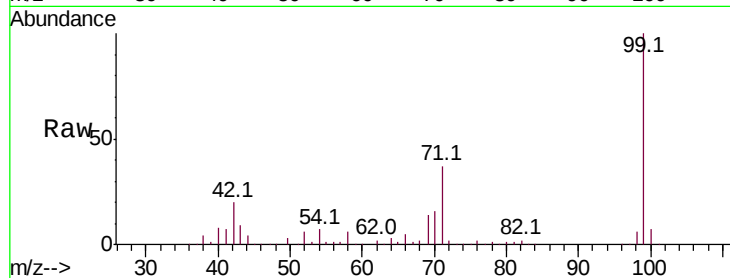
Tot Ion: 99 Resp: 643166

Ion Ratio Lower Upper

99 100

42 20.0 15.8 23.6

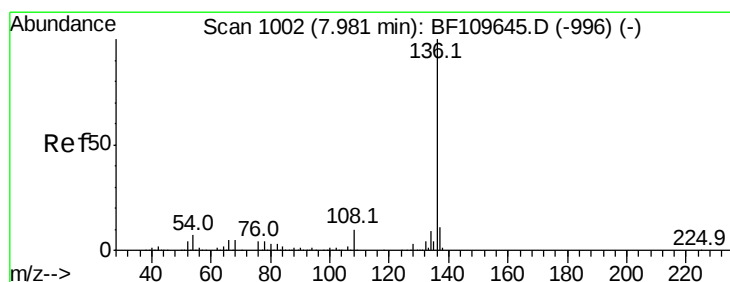
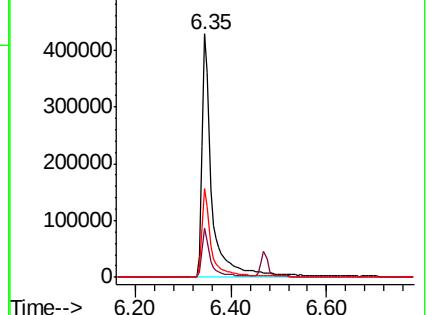
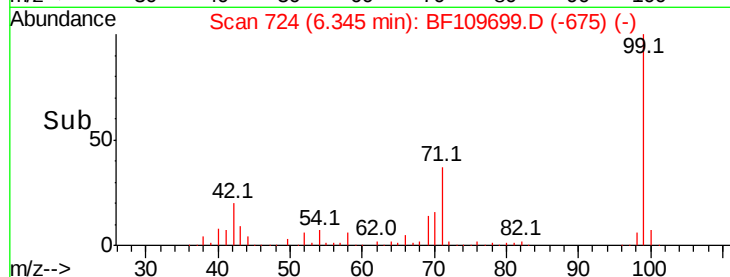
71 36.6 28.0 42.0



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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109699.D

Acq: 9 Oct 2018 17:12

Tgt Ion: 136 Resp: 395301

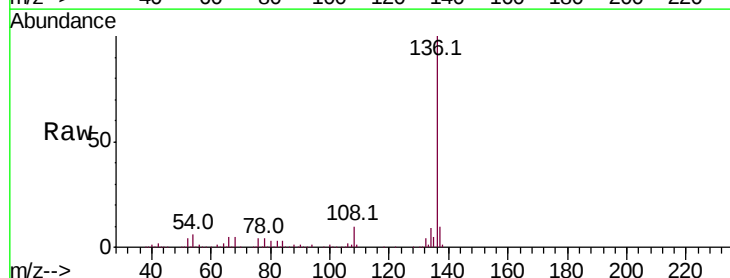
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 6.3 5.4 8.2

68 5.0 4.2 6.2

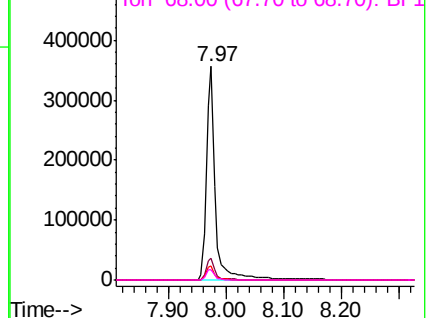
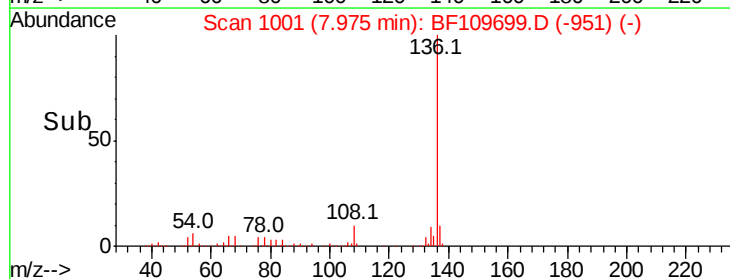


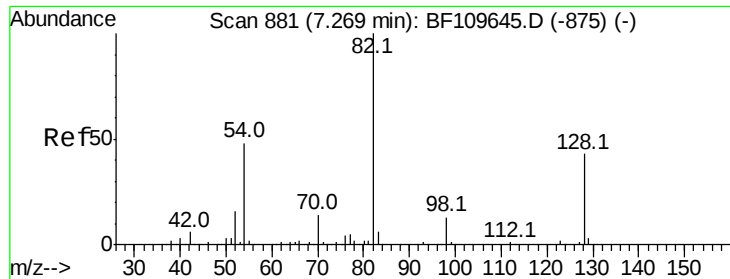
Abundance Ion 136.00 (135.70 to 136.70): E

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

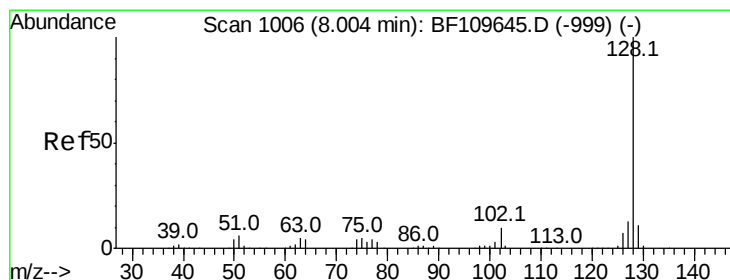
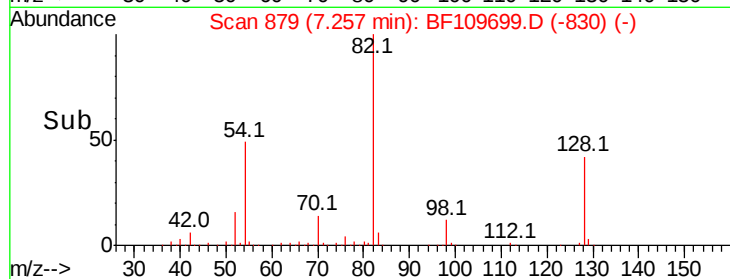
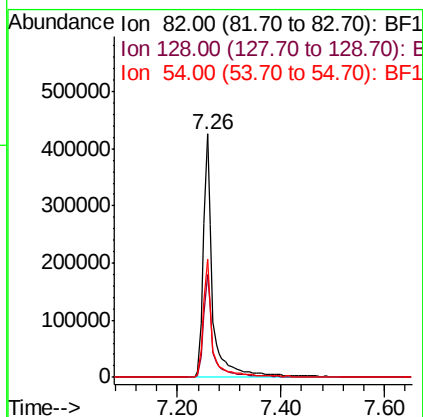
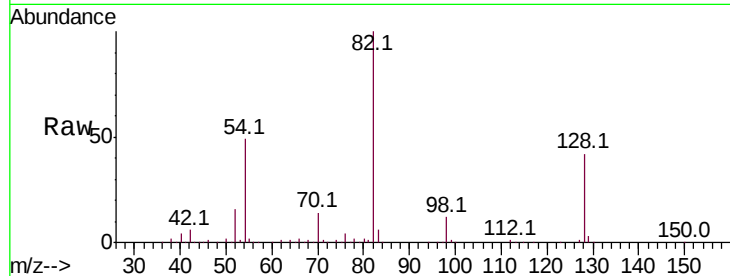




#23
Nitrobenzene-d5
Concen: 75.613 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109699.D
Acq: 9 Oct 2018 17:12

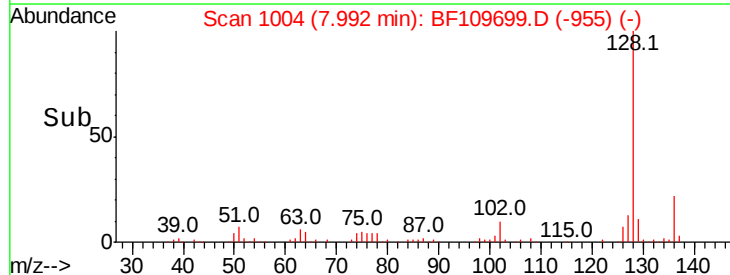
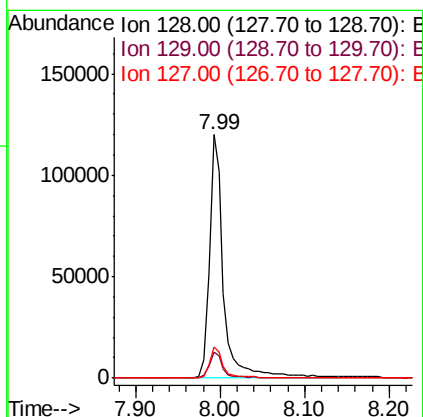
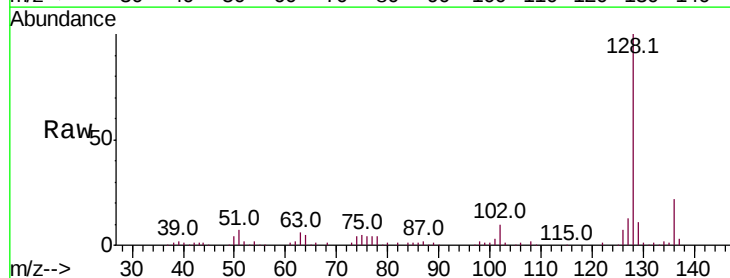
Instrument :
BNA_F
ClientSampleId :
SR-STONE

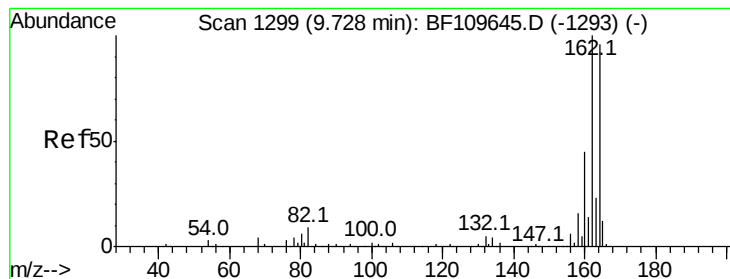
Tot Ion	82	Resp	542235
Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.2	51.2
54	48.5	38.6	58.0



#31
Naphthalene
Concen: 7.711 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF109699.D
Acq: 9 Oct 2018 17:12

Tgt Ion	128	Resp	140966
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.7	10.8	16.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF109699.D

Acq: 9 Oct 2018 17:12

Instrument :

BNA_F

ClientSampleId :

SR-STONE

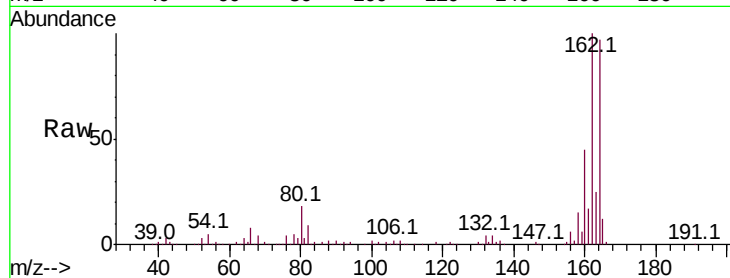
Tot Ion:164 Resp: 194281

Ion Ratio Lower Upper

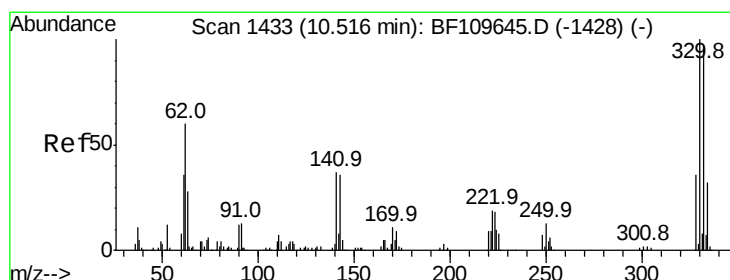
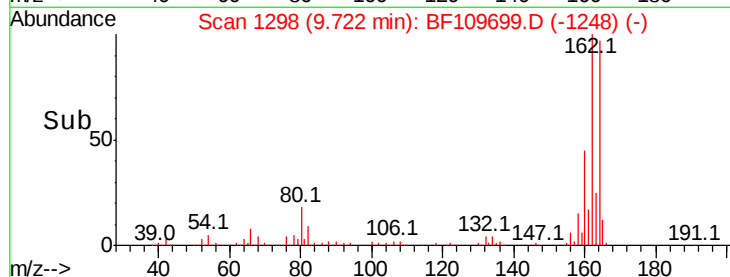
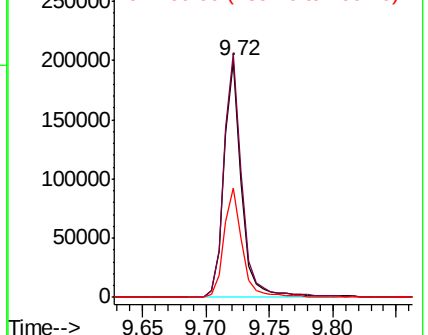
164 100

162 103.0 83.0 124.6

160 46.2 37.0 55.6



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: 115.311 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109699.D

Acq: 9 Oct 2018 17:12

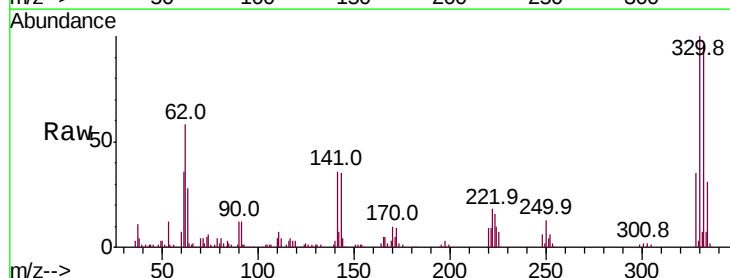
Tgt Ion:330 Resp: 244102

Ion Ratio Lower Upper

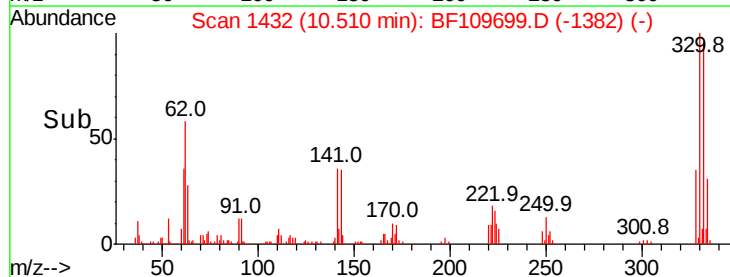
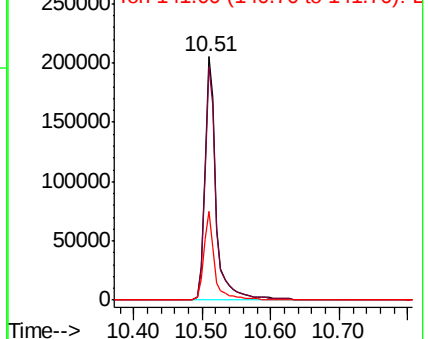
330 100

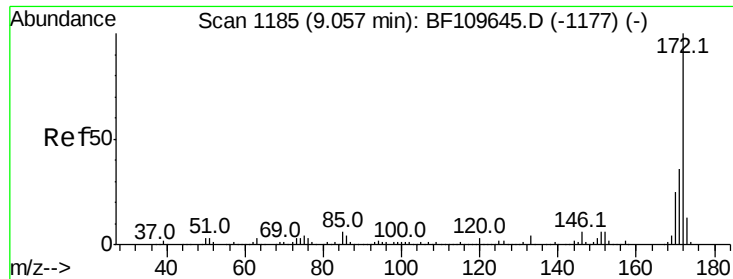
332 95.3 77.1 115.7

141 34.4 27.0 40.4



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



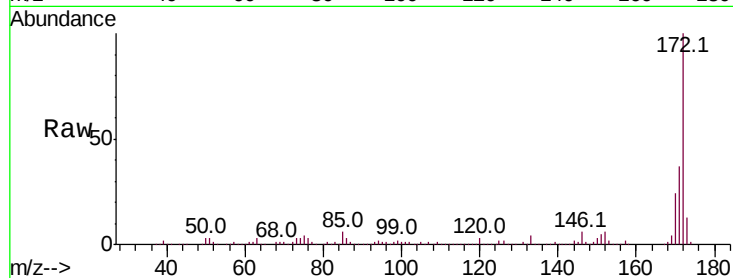


#44
 2-Fluorobiphenyl
 Concen: 71.000 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109699.D
 Acq: 9 Oct 2018 17:12

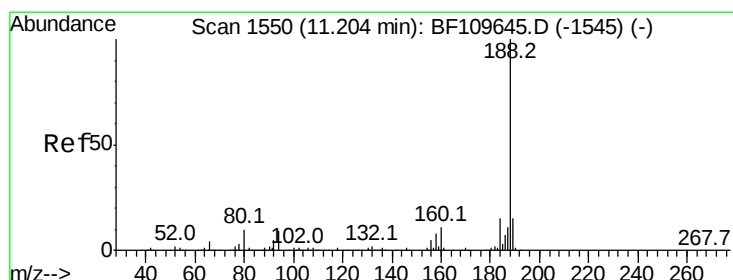
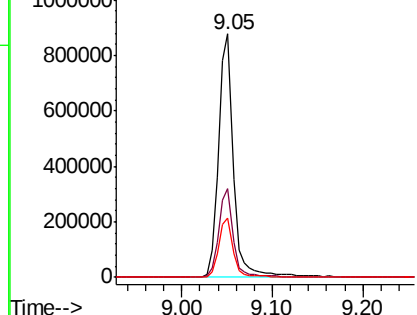
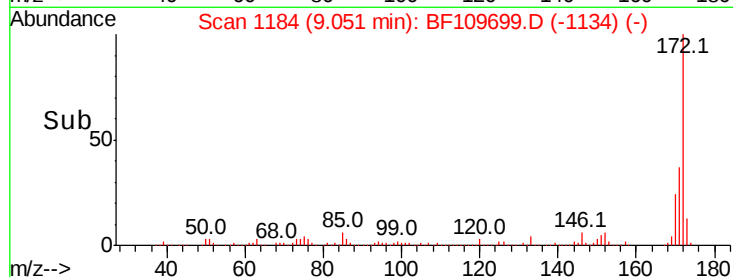
Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:172 Resp: 1001551

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.1	19.7	29.5



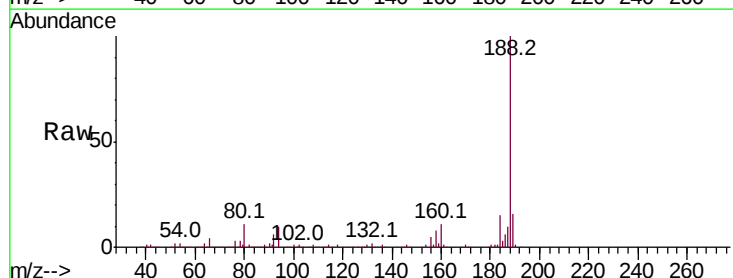
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



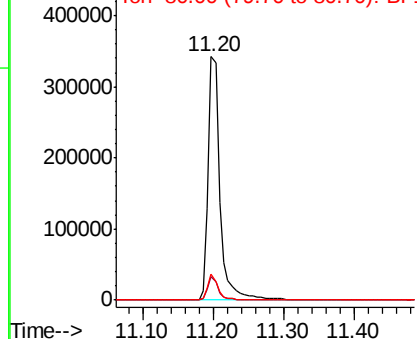
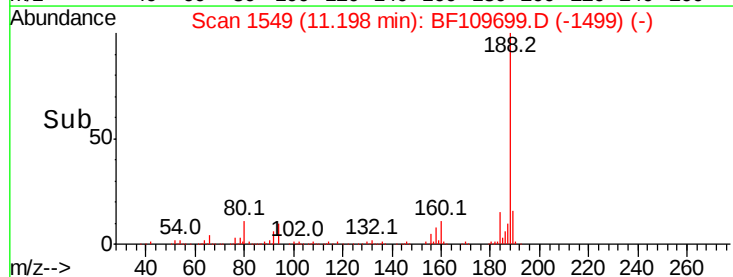
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF109699.D
 Acq: 9 Oct 2018 17:12

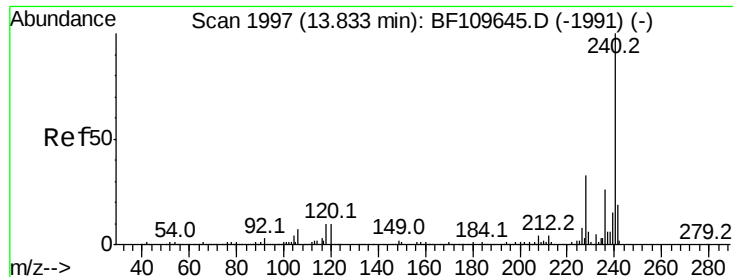
Tgt Ion:188 Resp: 398125

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	10.6	7.9	11.9



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: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109699.D

Acq: 9 Oct 2018 17:12

Instrument :

BNA_F

ClientSampleId :

SR-STONE

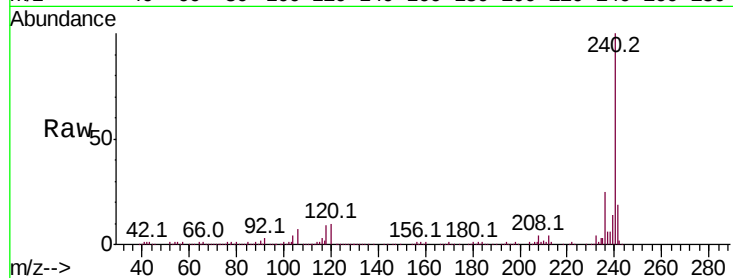
Tot Ion:240 Resp: 311464

Ion Ratio Lower Upper

240 100

120 10.3 8.3 12.5

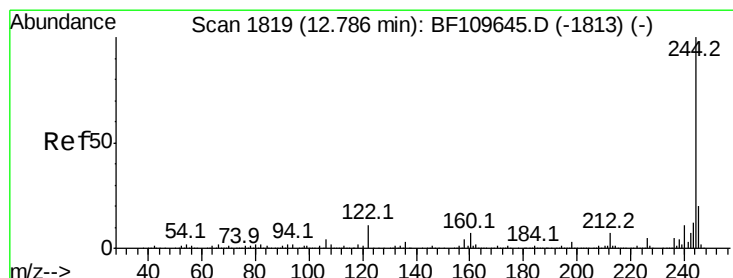
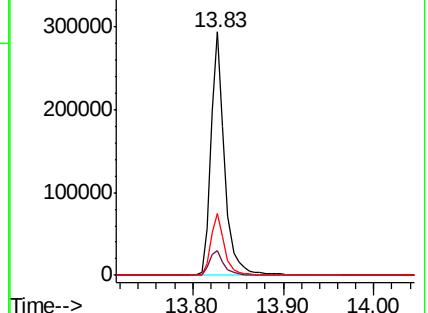
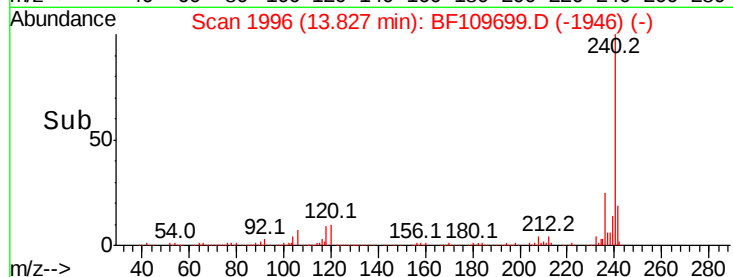
236 25.4 21.2 31.8



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: 67.100 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF109699.D

Acq: 9 Oct 2018 17:12

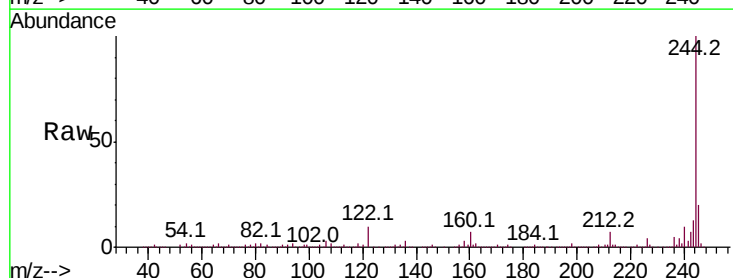
Tgt Ion:244 Resp: 1079594

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

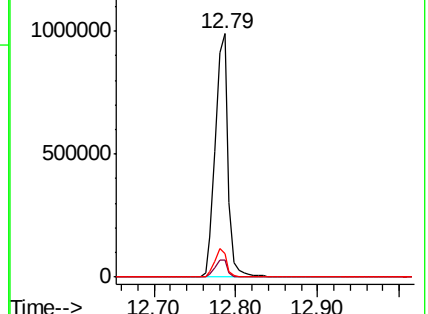
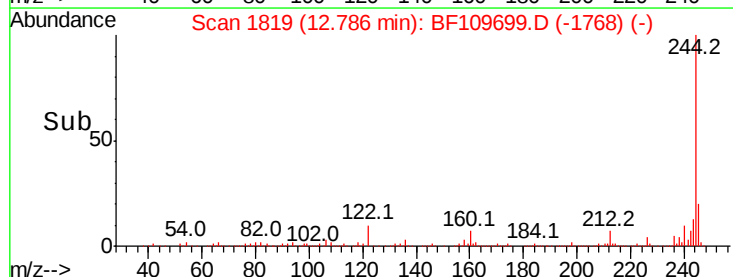
122 9.8 8.7 13.1

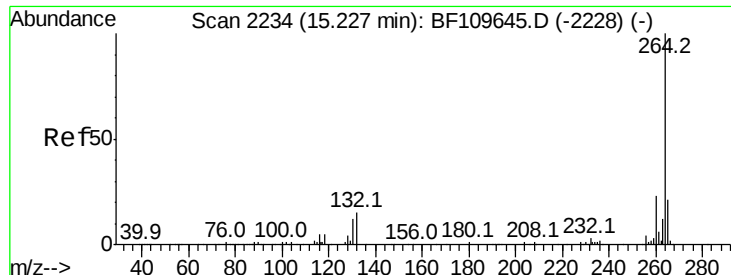


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF109699.D
 Acq: 9 Oct 2018 17:12

Instrument :
 BNA_F
 ClientSampleId :
 SR-STONE

Tot Ion:264 Resp: 246620
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.5 16.7 25.1

