

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109298.D
 Acq On : 25 Sep 2018 20:49
 Operator : JU/SJ
 Sample : J5070-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200028

Quant Time: Sep 26 03:50:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

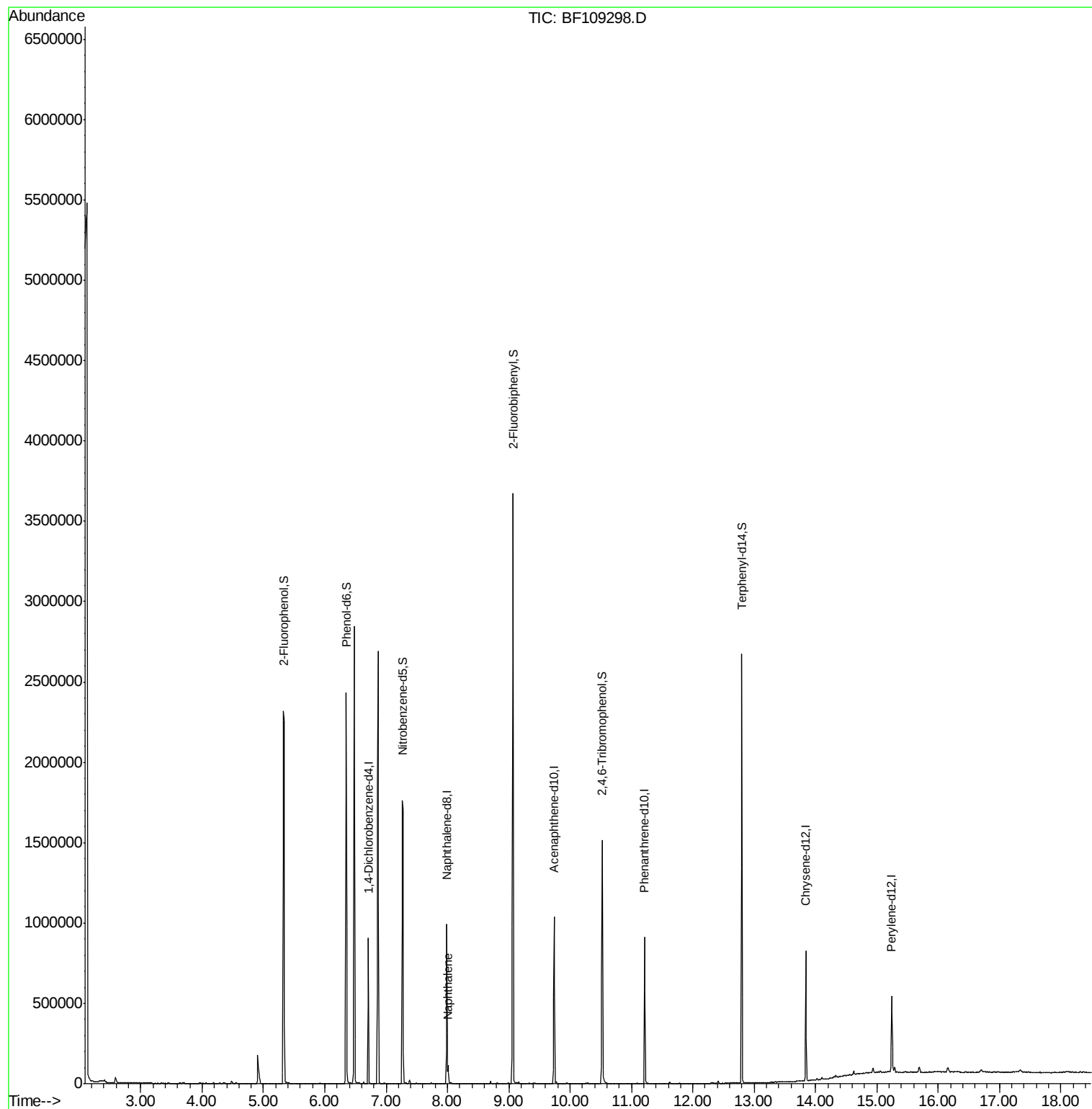
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	117419	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	431240	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	183021	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	308586	20.00	ng	0.00
75) Chrysene-d12	13.84	240	272000	20.00	ng	0.00
86) Perylene-d12	15.24	264	200886	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	719627	100.94	ng	0.02
7) Phenol-d6	6.35	99	829190	91.15	ng	0.00
23) Nitrobenzene-d5	7.27	82	628383	86.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	203010	112.52	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1091781	89.97	ng	0.00
78) Terphenyl-d14	12.80	244	972860	87.78	ng	0.00
Target Compounds						
31) Naphthalene	8.01	128	41213	2.045	ng	Qvalue 100

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

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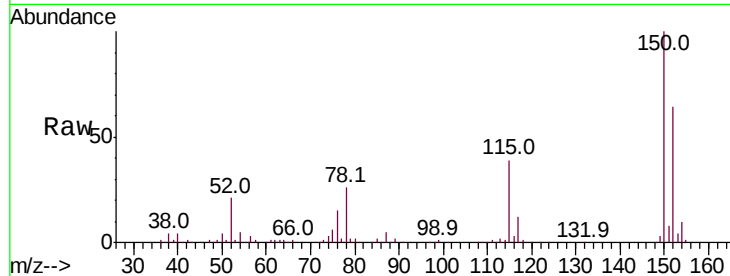


#1

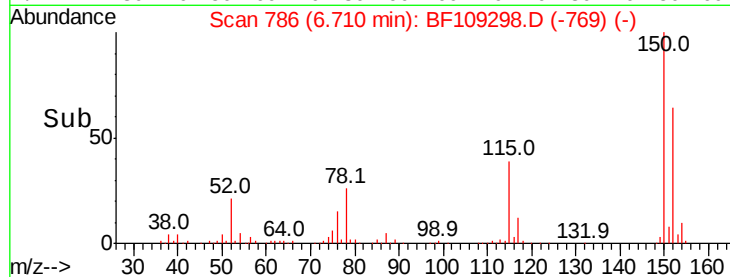
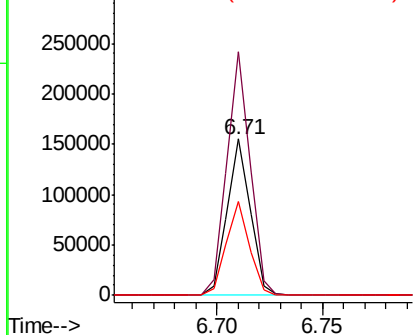
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF109298.D
 Acq: 25 Sep 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200028

Tot Ion:152 Resp: 117419
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.6 186.8
 115 60.0 50.1 75.1



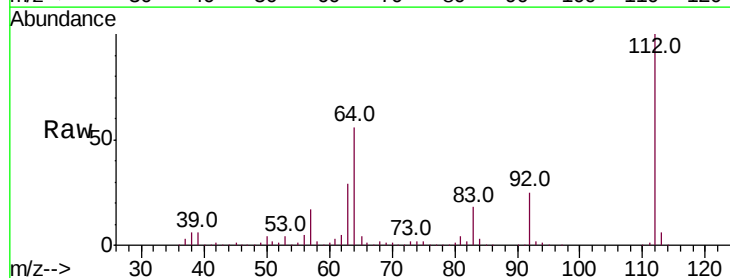
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



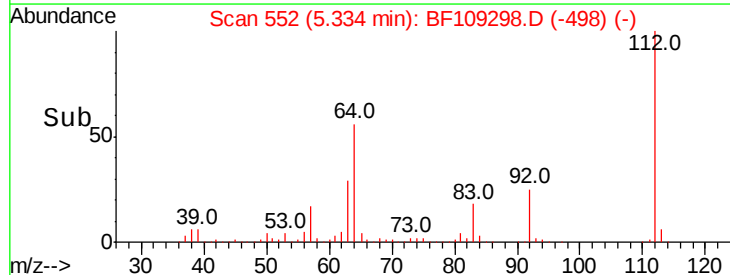
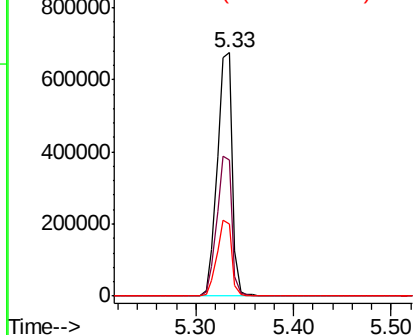
#5

2-Fluorophenol
 Concen: 100.945 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.02 min
 Lab File: BF109298.D
 Acq: 25 Sep 2018 20:49

Tgt Ion:112 Resp: 719627
 Ion Ratio Lower Upper
 112 100
 64 56.1 47.9 71.9
 63 29.4 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: 91.152 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109298.D

Acq: 25 Sep 2018 20:49

Instrument :

BNA_F

ClientSampleId :

CS-RBR-200028

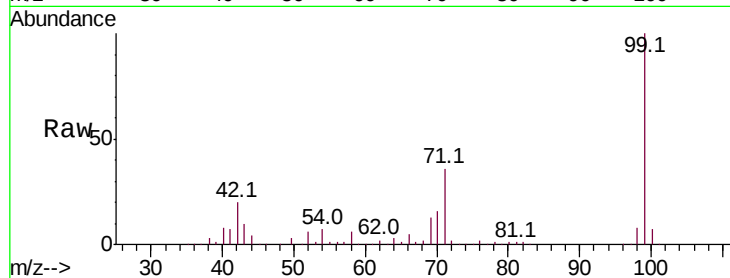
Tot Ion: 99 Resp: 829190

Ion Ratio Lower Upper

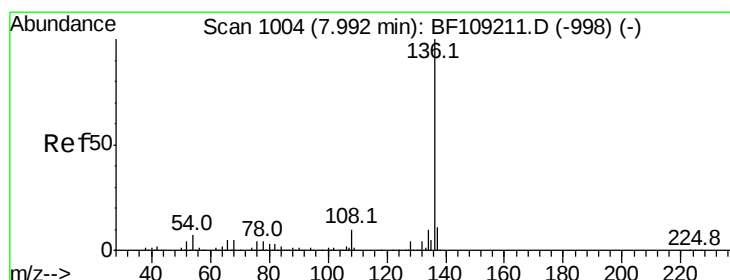
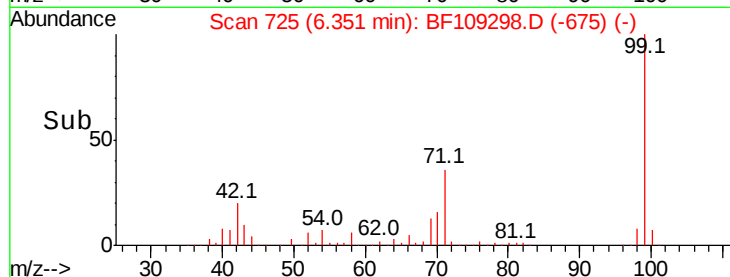
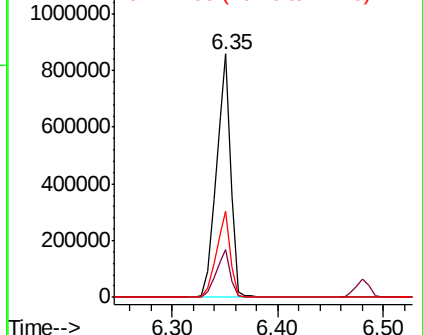
99 100

42 19.7 14.5 21.7

71 35.5 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: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF109298.D

Acq: 25 Sep 2018 20:49

Tgt Ion: 136 Resp: 431240

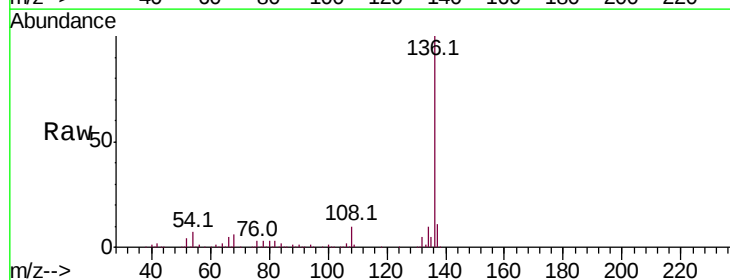
Ion Ratio Lower Upper

136 100

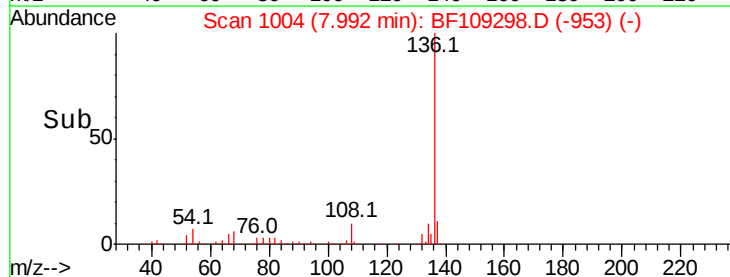
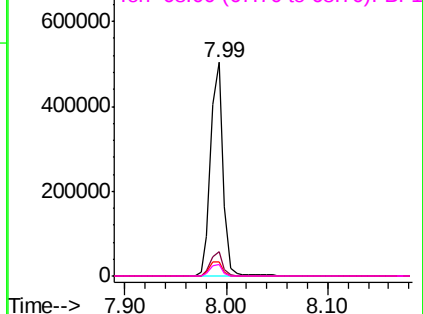
137 11.2 8.9 13.3

54 6.8 6.6 9.8

68 5.6 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

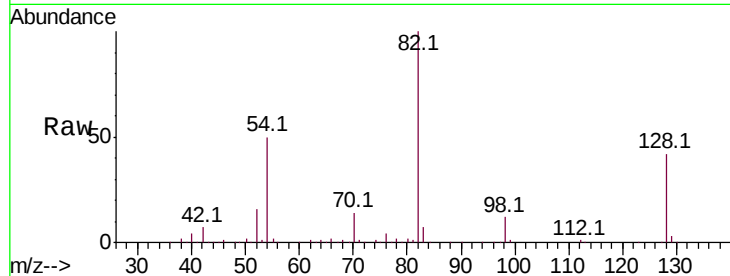




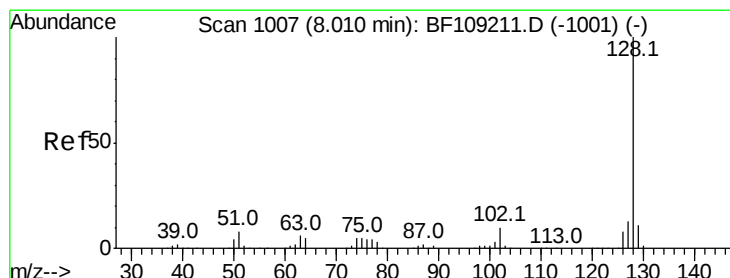
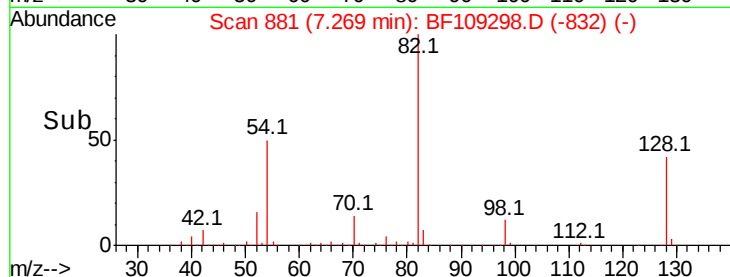
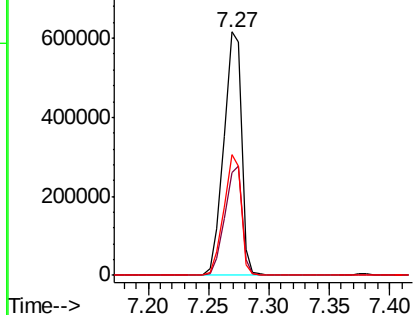
#23
Nitrobenzene-d5
Concen: 86.018 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200028

Tot Ion: 82 Resp: 628383
Ion Ratio Lower Upper
82 100
128 42.3 36.1 54.1
54 49.8 41.4 62.2

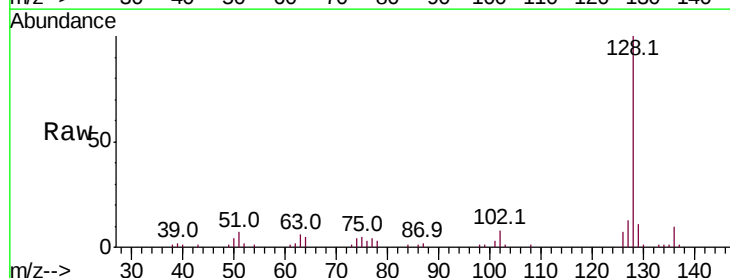


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

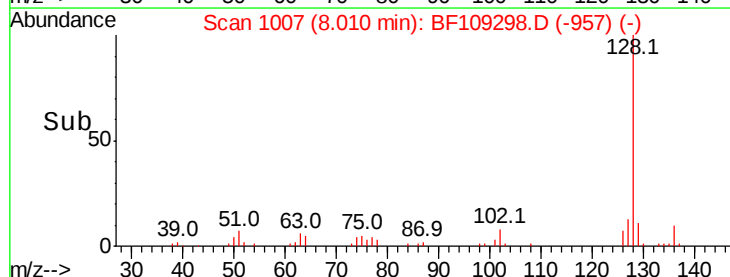
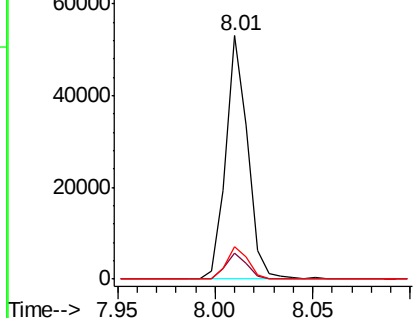


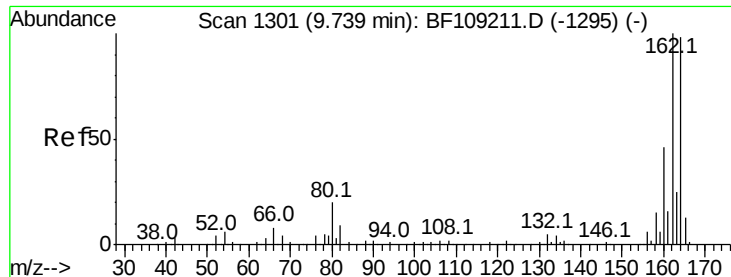
#31
Naphthalene
Concen: 2.045 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

Tgt Ion: 128 Resp: 41213
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

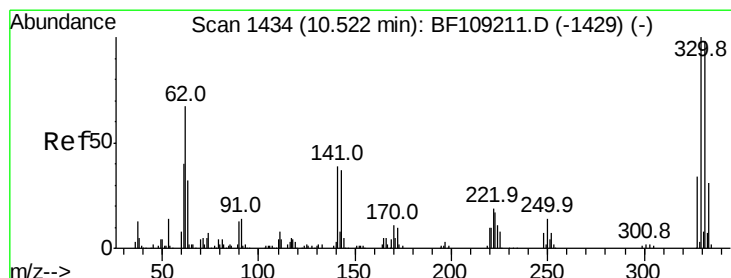
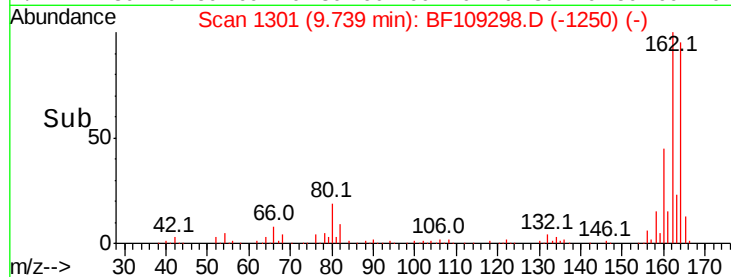
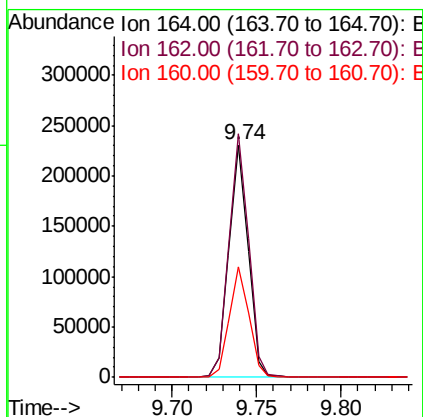
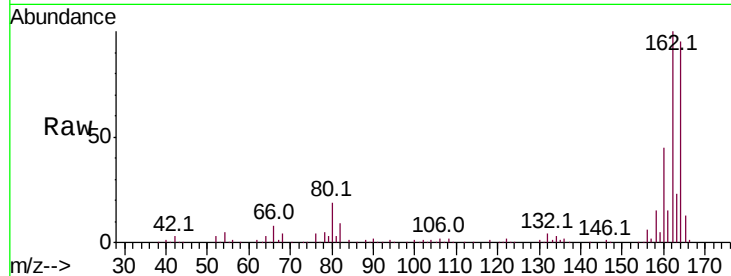




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

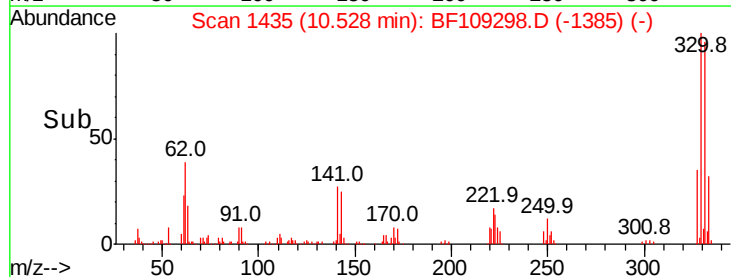
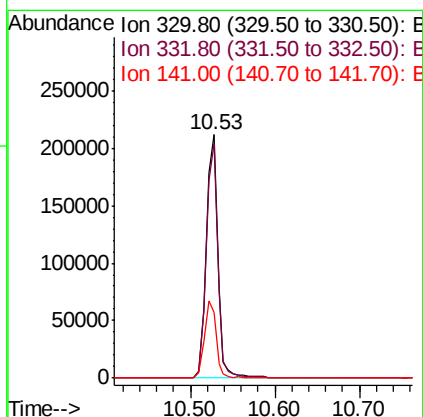
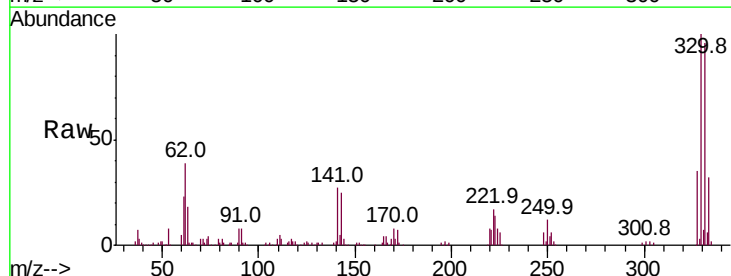
Instrument :
BNA_F
ClientSampleId :
CS-RBR-200028

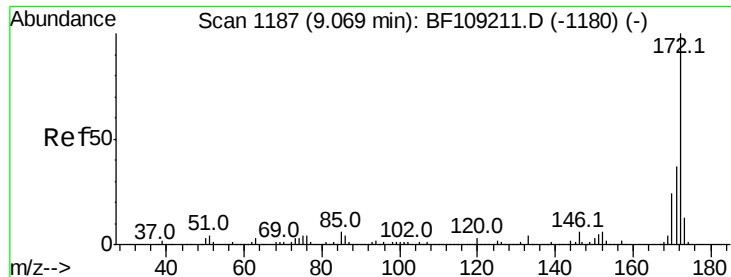
Tot Ion:164 Resp: 183021
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 47.3 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 112.520 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

Tgt Ion:330 Resp: 203010
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 32.0 29.9 44.9



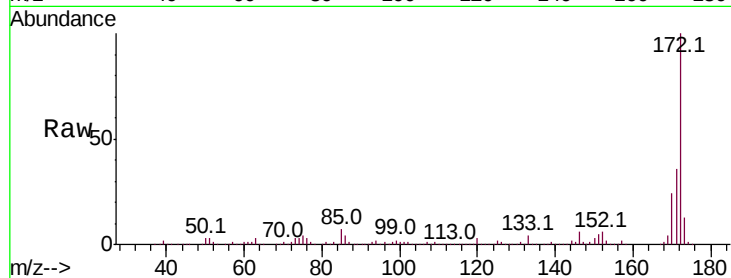


#44
 2-Fluorobiphenyl
 Concen: 89.969 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109298.D
 Acq: 25 Sep 2018 20:49

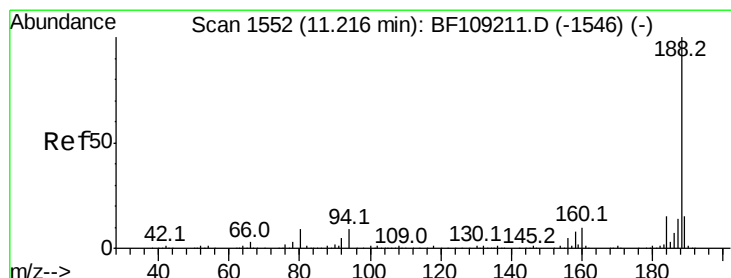
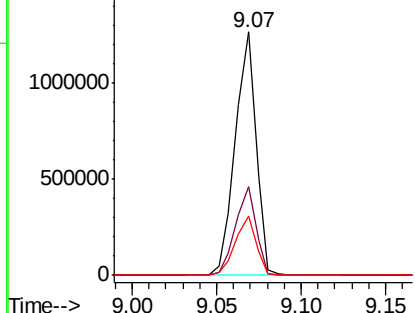
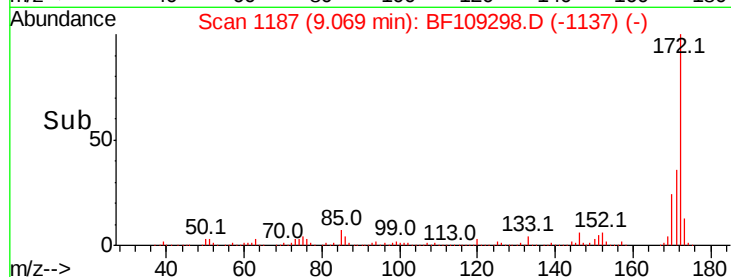
Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200028

Tot Ion:172 Resp: 1091781

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.5	19.6	29.4



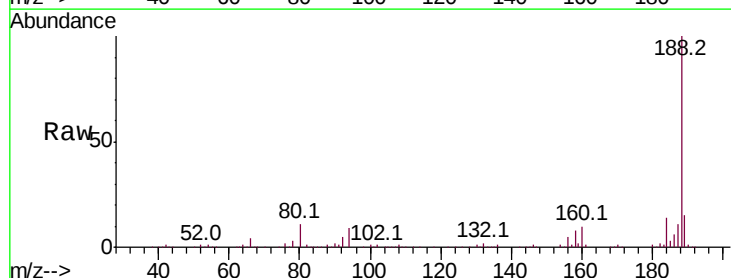
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



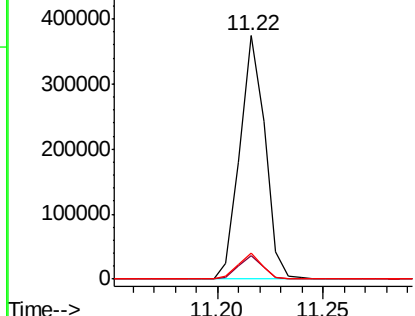
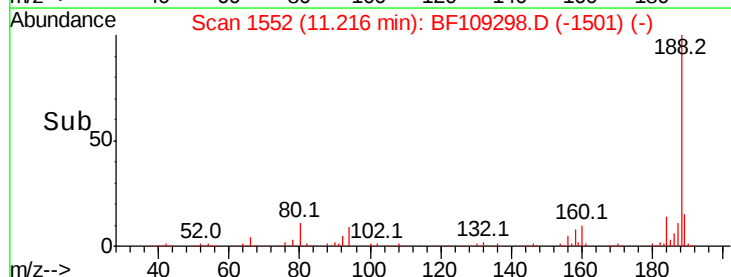
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109298.D
 Acq: 25 Sep 2018 20:49

Tgt Ion:188 Resp: 308586

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.6	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: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109298.D

Acq: 25 Sep 2018 20:49

Instrument :

BNA_F

ClientSampleId :

CS-RBR-200028

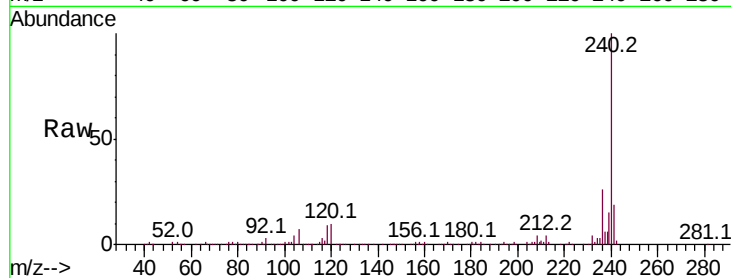
Tot Ion:240 Resp: 272000

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

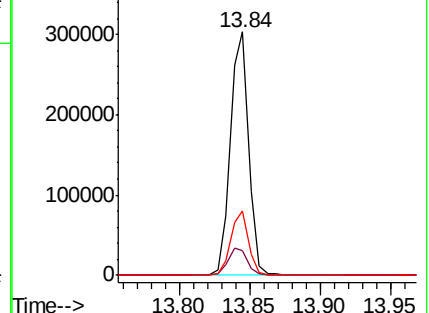
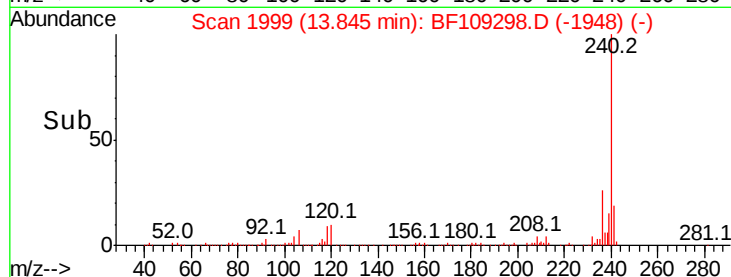
236 26.2 20.7 31.1



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: 87.778 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF109298.D

Acq: 25 Sep 2018 20:49

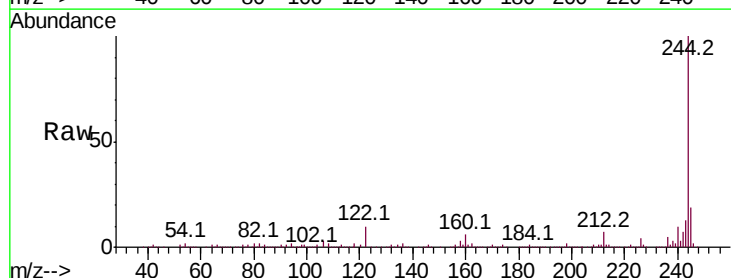
Tgt Ion:244 Resp: 972860

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

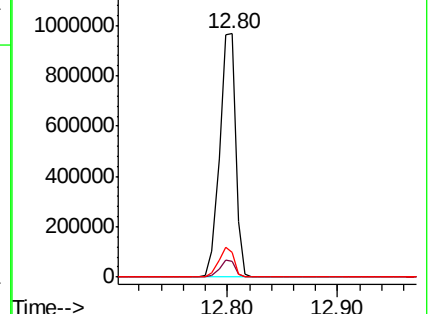
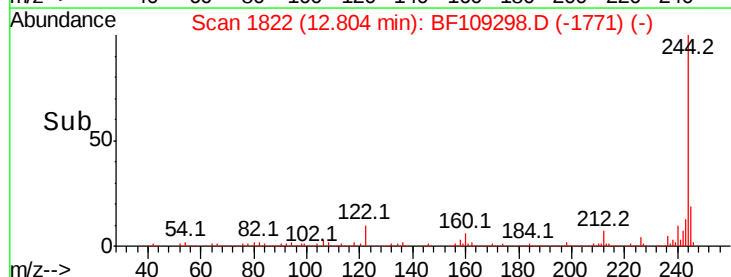
122 10.3 11.0 16.4#

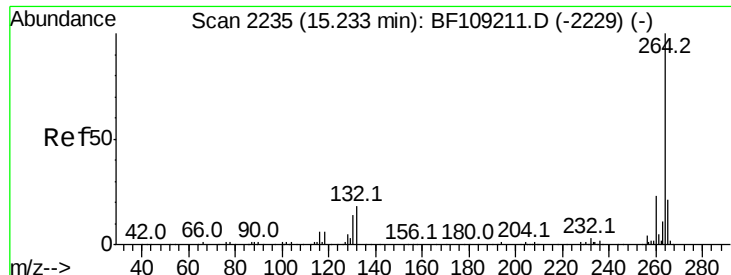


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109298.D
 Acq: 25 Sep 2018 20:49

Instrument :
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 ClientSampleId :
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Tot Ion:264 Resp: 200886
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.7 17.5 26.3

