

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109295.D
 Acq On : 25 Sep 2018 19:29
 Operator : JU/SJ
 Sample : J5070-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027

Quant Time: Sep 26 03:45:17 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	120547	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	448712	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	203585	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	340649	20.00	ng	0.00
75) Chrysene-d12	13.85	240	267106	20.00	ng	0.00
86) Perylene-d12	15.25	264	204815	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	723660	98.88	ng	0.02
7) Phenol-d6	6.35	99	855259	91.58	ng	0.00
23) Nitrobenzene-d5	7.27	82	632355	83.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	225283	112.25	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1147657	85.02	ng	0.00
78) Terphenyl-d14	12.80	244	1000156	91.89	ng	0.00

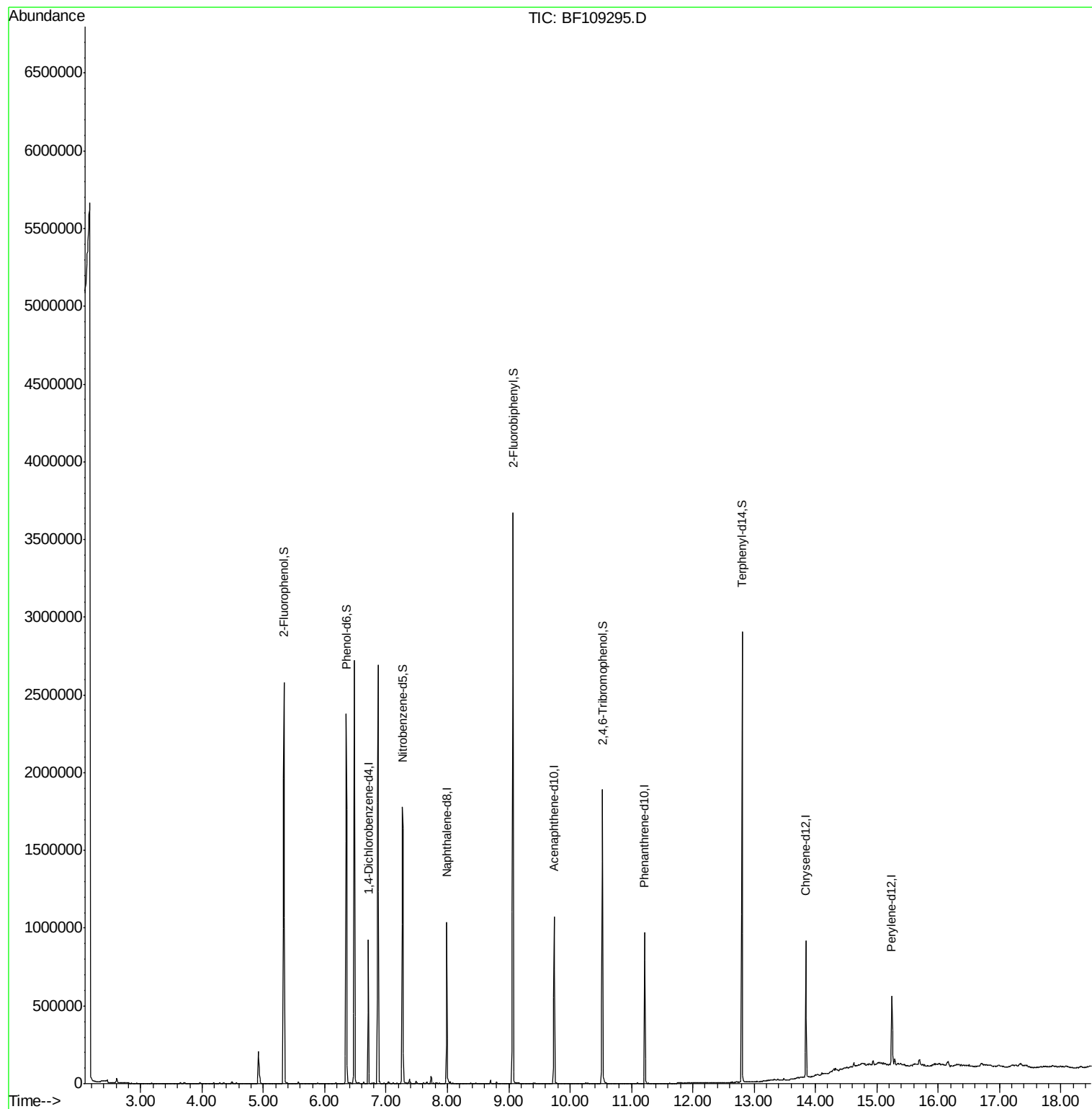
Target Compounds Qvalue

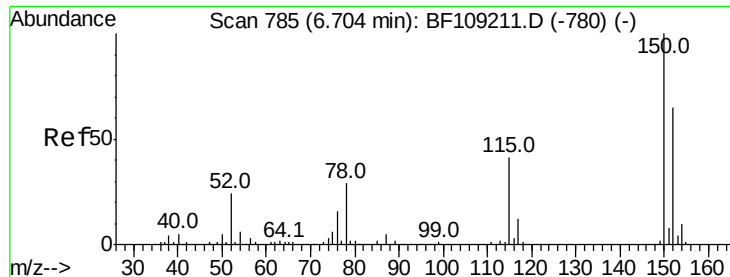
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109295.D
Acq On : 25 Sep 2018 19:29
Operator : JU/SJ
Sample : J5070-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027

Quant Time: Sep 26 03:45:17 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



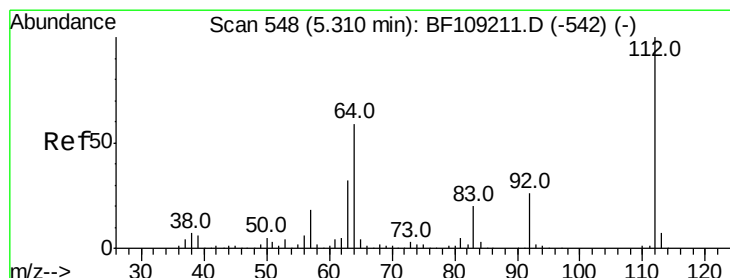
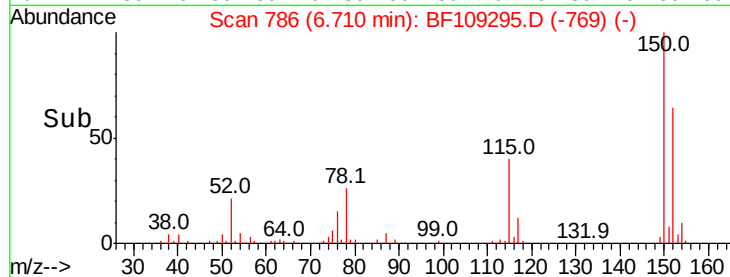
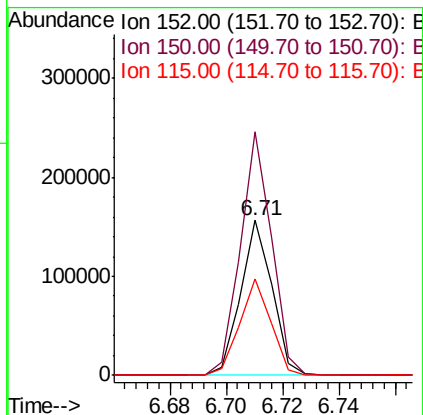
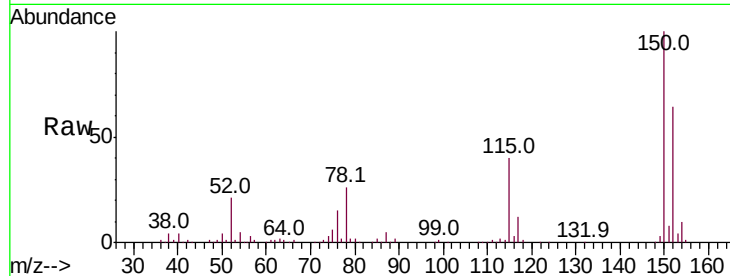


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF109295.D
 Acq: 25 Sep 2018 19:29

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027

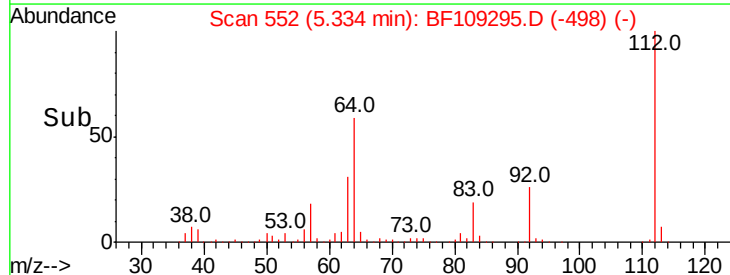
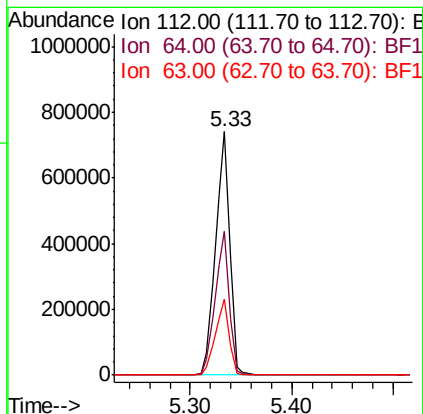
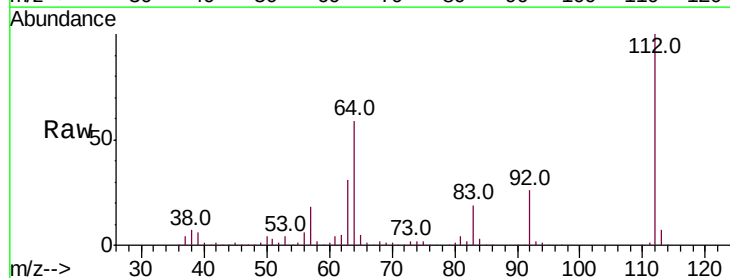
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	62.4	50.1	75.1

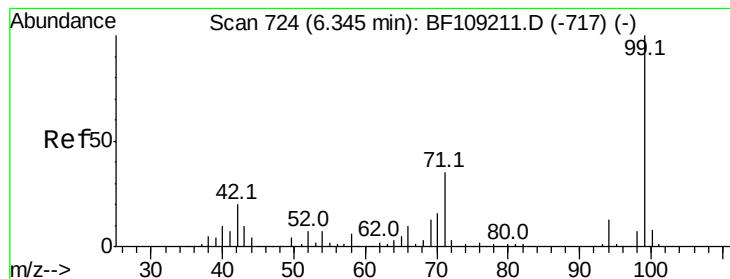


#5

2-Fluorophenol
 Concen: 98.876 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.02 min
 Lab File: BF109295.D
 Acq: 25 Sep 2018 19:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	31.3	23.7	35.5





#7

Phenol-d6

Concen: 91.578 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109295.D

Acq: 25 Sep 2018 19:29

Instrument :

BNA_F

ClientSampleId :

CS-RBR-200027

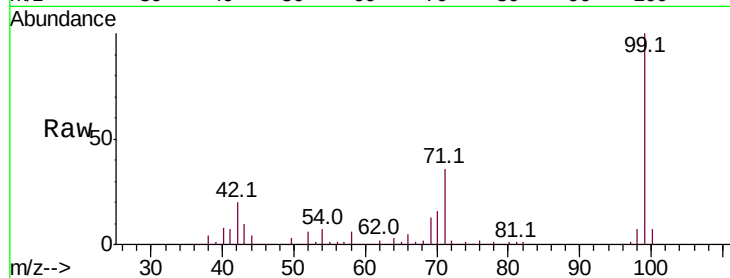
Tot Ion: 99 Resp: 855259

Ion Ratio Lower Upper

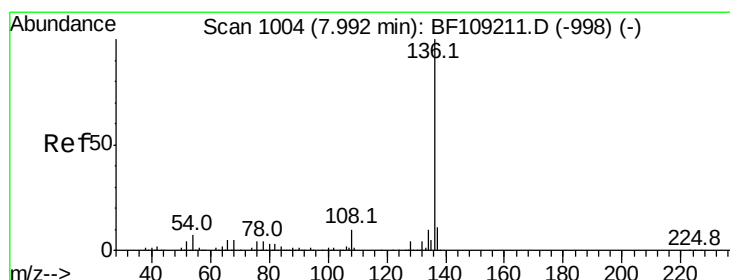
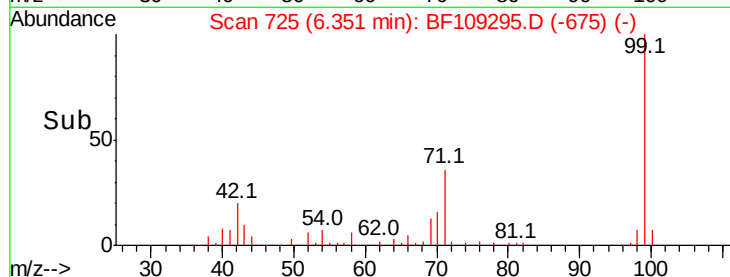
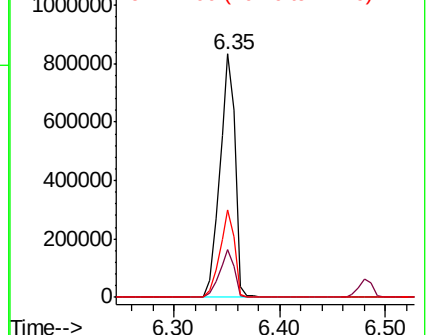
99 100

42 19.9 14.5 21.7

71 36.1 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: BF109295.D

Acq: 25 Sep 2018 19:29

Tgt Ion: 136 Resp: 448712

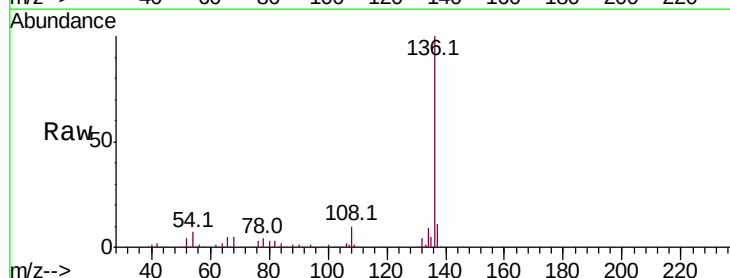
Ion Ratio Lower Upper

136 100

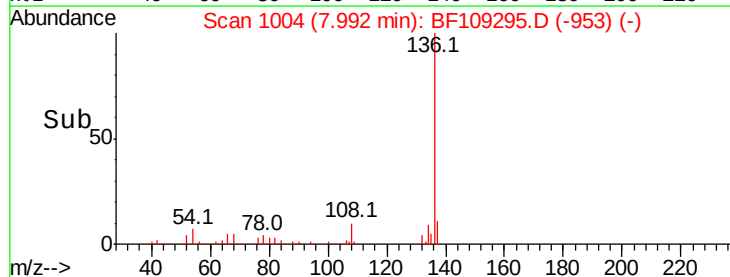
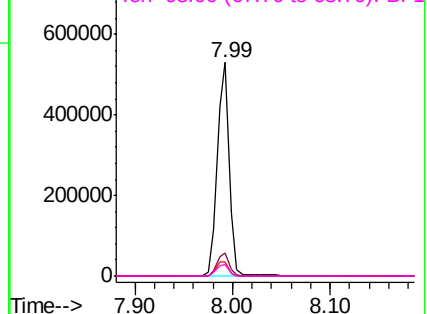
137 10.7 8.9 13.3

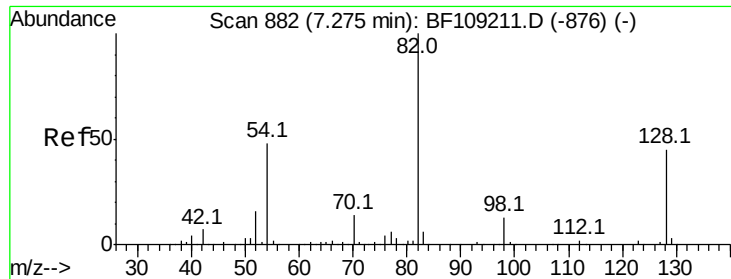
54 6.7 6.6 9.8

68 5.4 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

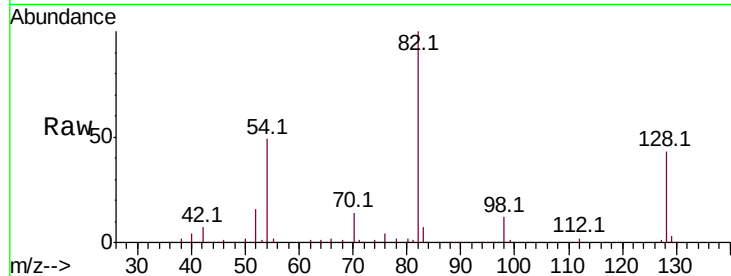




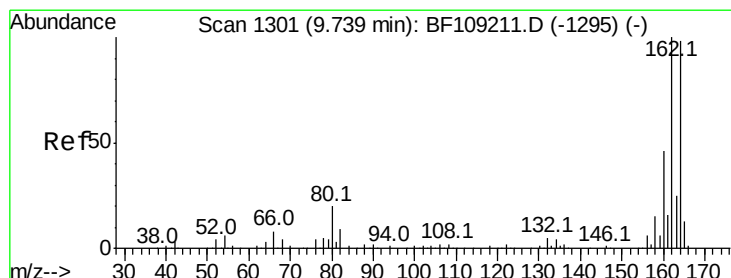
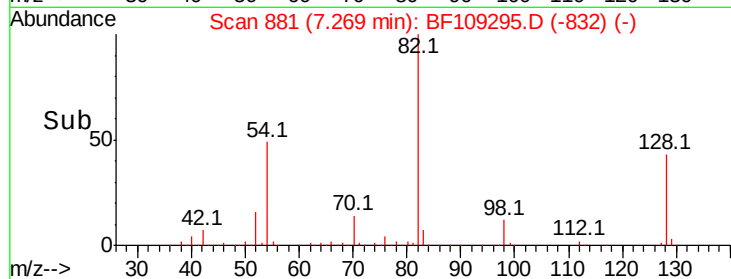
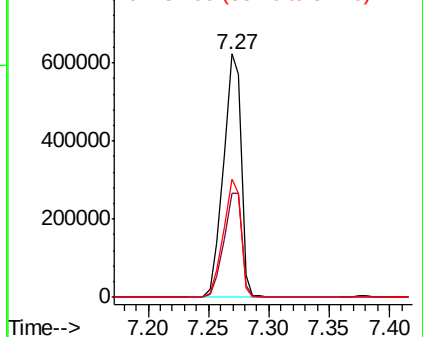
#23
 Nitrobenzene-d5
 Concen: 83.191 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109295.D
 Acq: 25 Sep 2018 19:29

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027

Tot Ion	82	Resp	632355
Ion Ratio	Lower	Upper	
82	100		
128	42.7	36.1	54.1
54	48.7	41.4	62.2

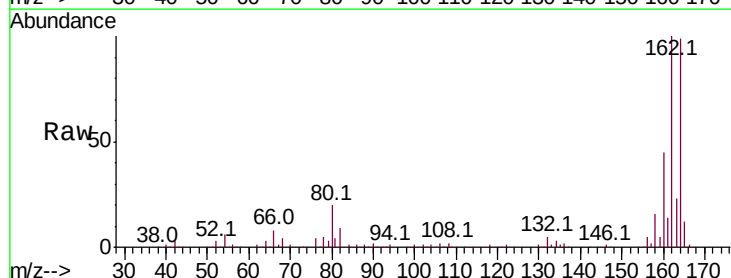


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

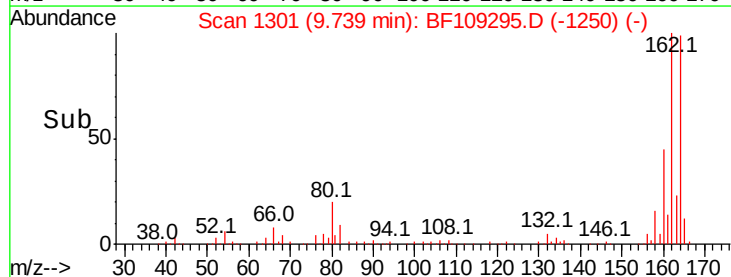
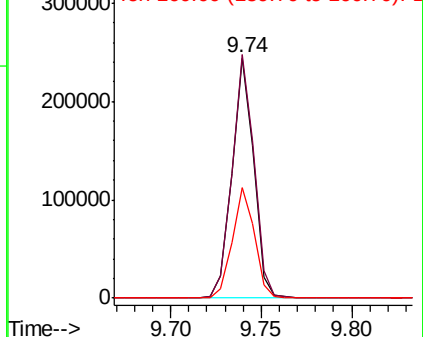


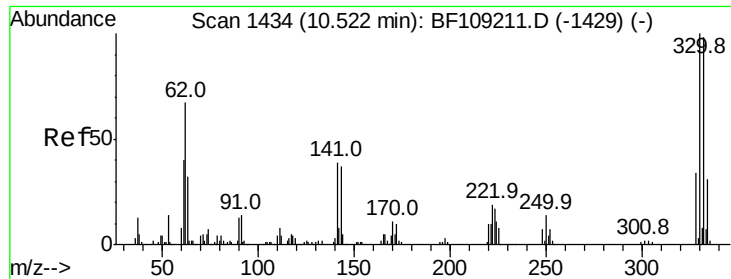
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109295.D
 Acq: 25 Sep 2018 19:29

Tgt Ion	164	Resp	203585
Ion Ratio	Lower	Upper	
164	100		
162	101.3	86.1	129.1
160	45.8	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

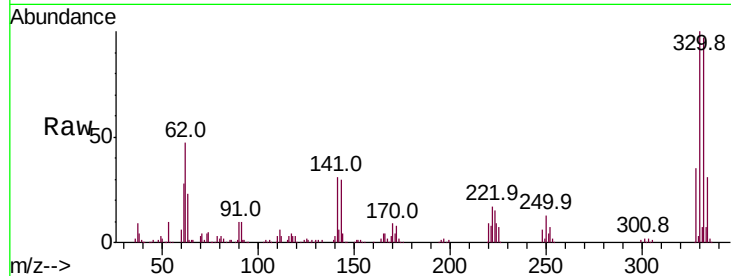




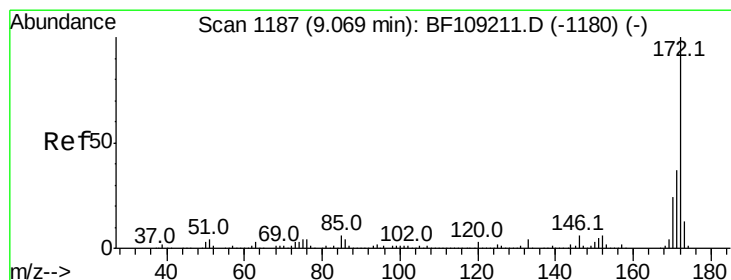
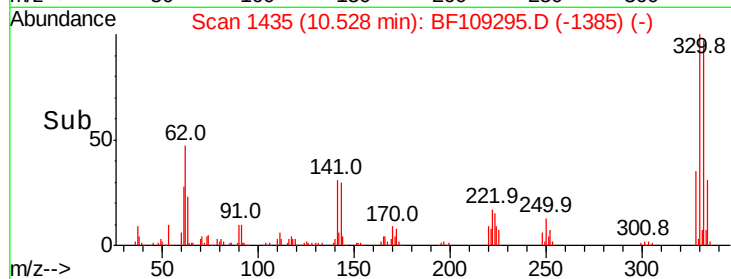
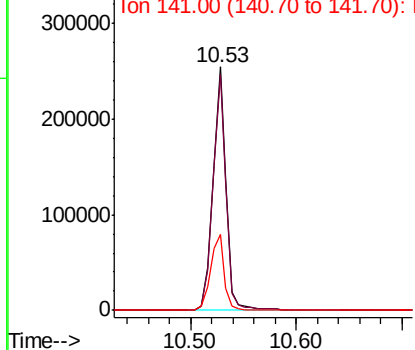
#41
 2,4,6-Tribromophenol
 Concen: 112.253 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109295.D
 Acq: 25 Sep 2018 19:29

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	32.3	29.9	44.9

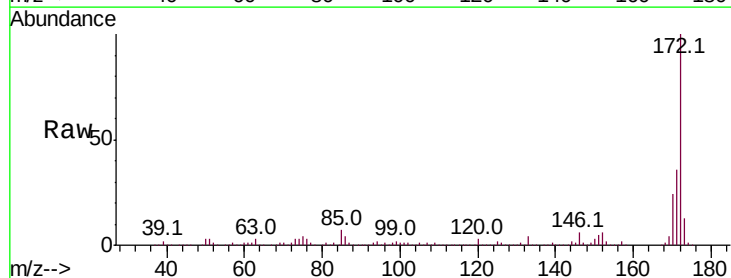


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

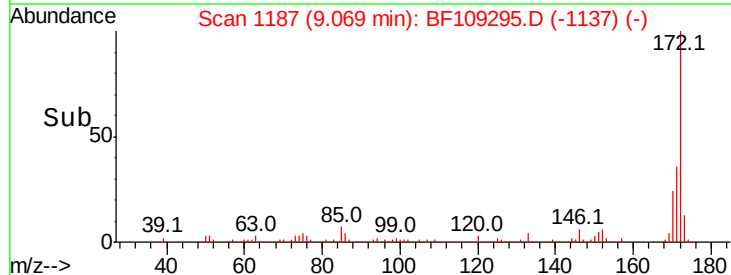
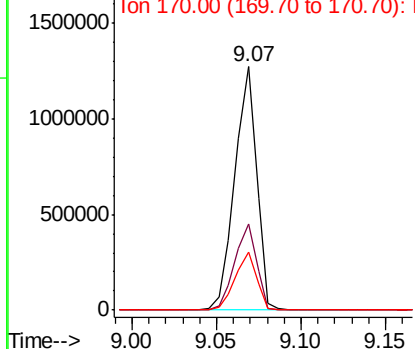


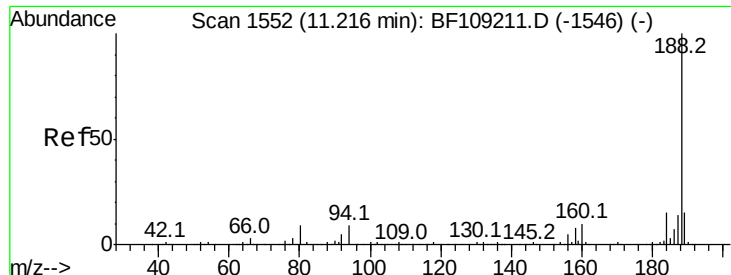
#44
 2-Fluorobiphenyl
 Concen: 85.020 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109295.D
 Acq: 25 Sep 2018 19:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.0	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

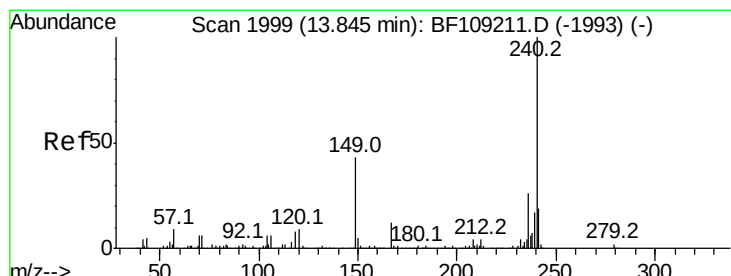
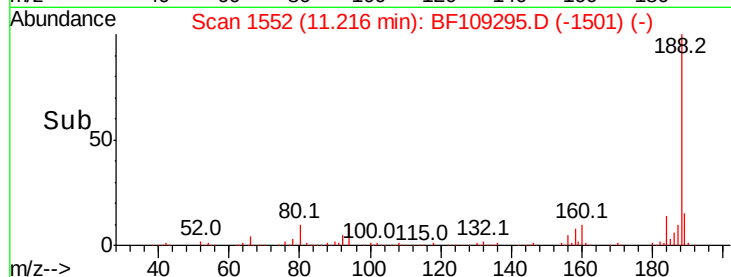
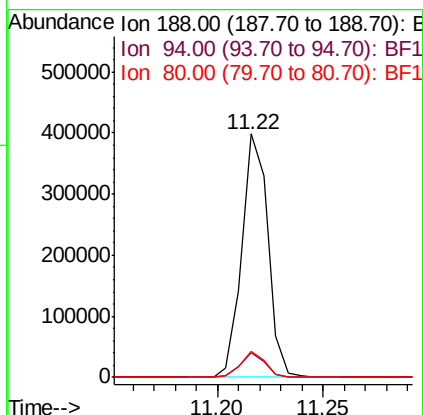
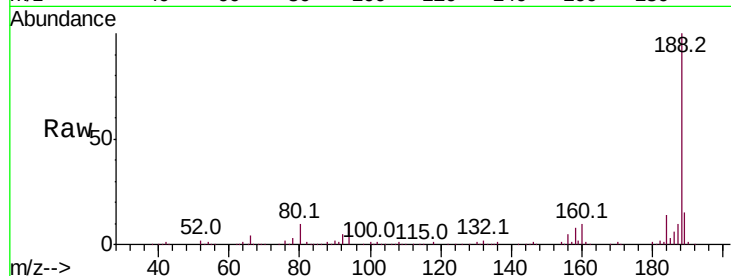




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109295.D
Acq: 25 Sep 2018 19:29

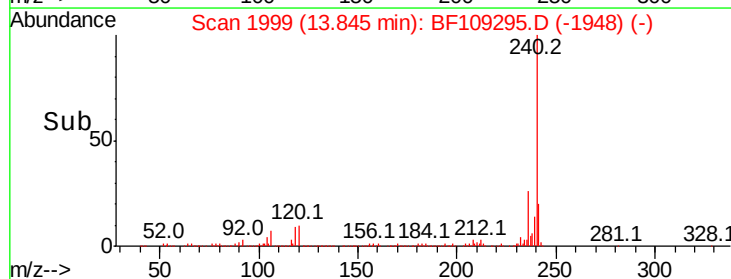
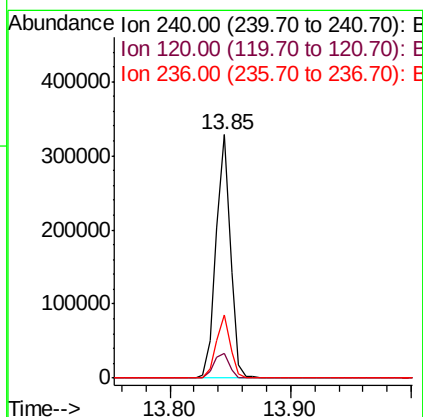
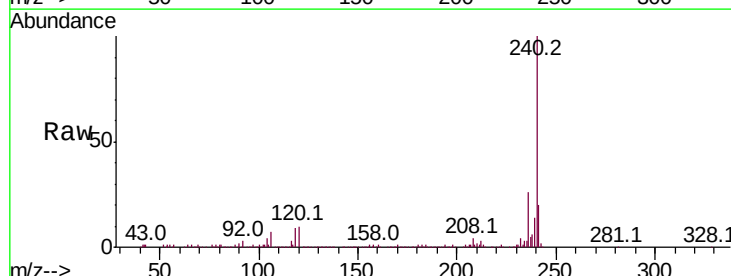
Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027

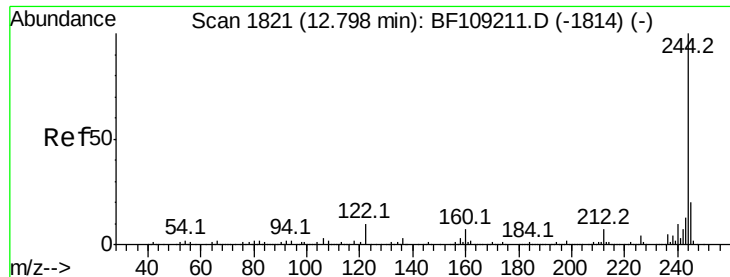
Tot Ion:188 Resp: 340649
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109295.D
Acq: 25 Sep 2018 19:29

Tgt Ion:240 Resp: 267106
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 91.894 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF109295.D

Acq: 25 Sep 2018 19:29

Instrument :

BNA_F

ClientSampleId :

CS-RBR-200027

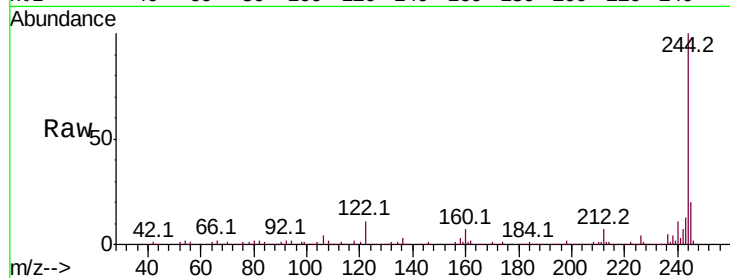
Tot Ion:244 Resp: 1000156

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

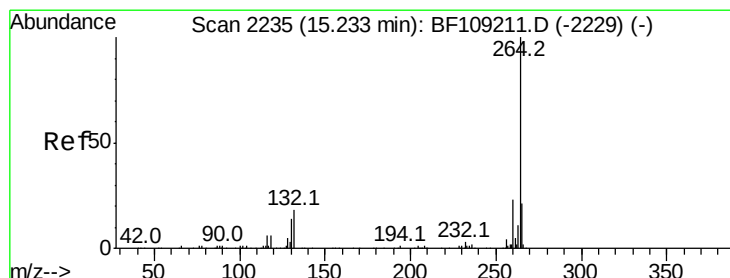
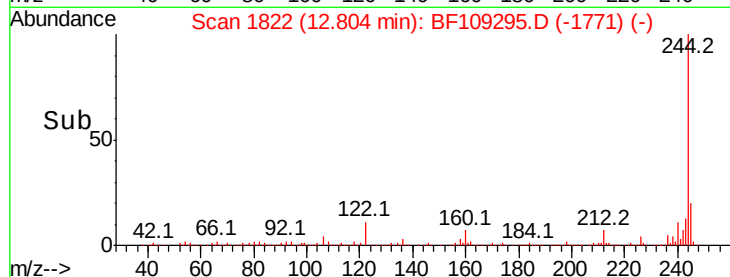
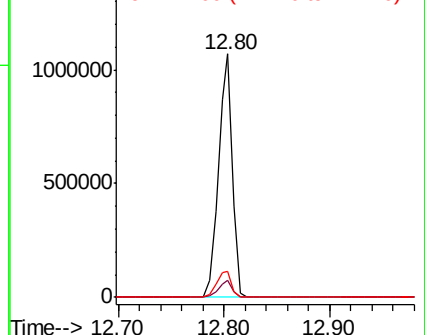
122 10.7 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.25 min Scan# 2238

Delta R.T. 0.01 min

Lab File: BF109295.D

Acq: 25 Sep 2018 19:29

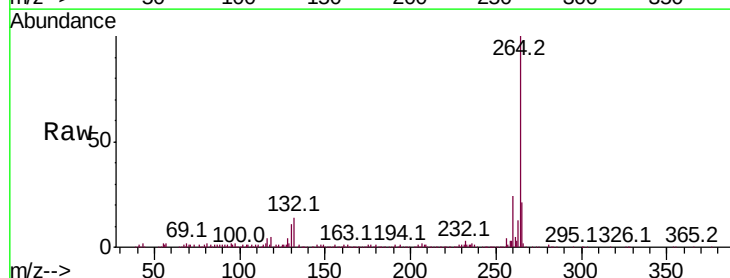
Tgt Ion:264 Resp: 204815

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.1 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

