

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109296.D
 Acq On : 25 Sep 2018 19:56
 Operator : JU/SJ
 Sample : J5070-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200031

Quant Time: Sep 26 03:46:28 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	121085	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	456758	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	217327	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	384451	20.00	ng	0.00
75) Chrysene-d12	13.84	240	281270	20.00	ng	0.00
86) Perylene-d12	15.25	264	237739	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	727521	98.96	ng	0.01
7) Phenol-d6	6.35	99	847980	90.40	ng	0.00
23) Nitrobenzene-d5	7.27	82	647466	83.68	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	256613	119.78	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1204344	83.58	ng	0.00
78) Terphenyl-d14	12.80	244	1072589	93.59	ng	0.00

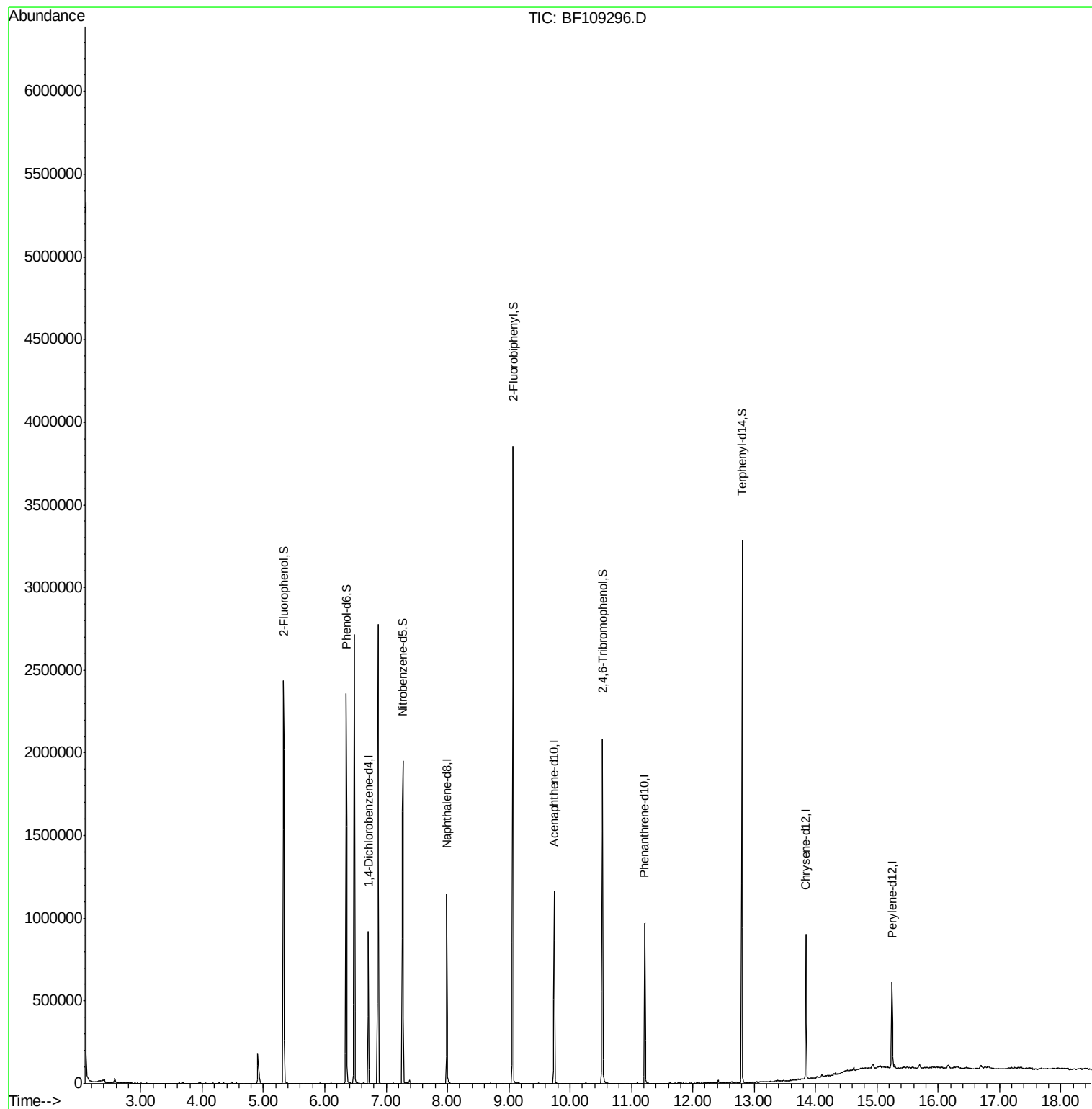
Target Compounds Qvalue

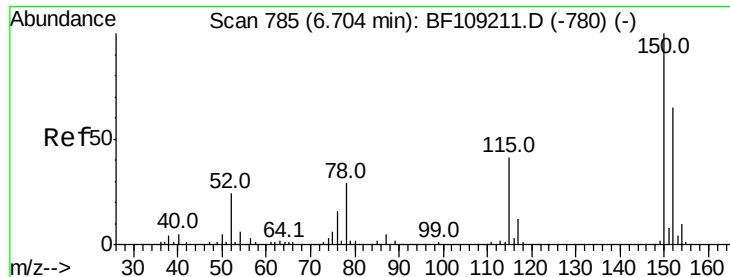
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109296.D
Acq On : 25 Sep 2018 19:56
Operator : JU/SJ
Sample : J5070-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200031

Quant Time: Sep 26 03:46:28 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



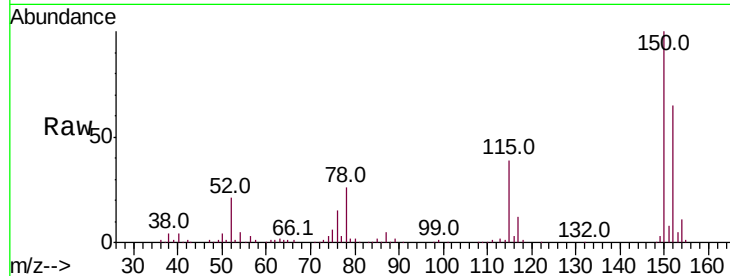


#1

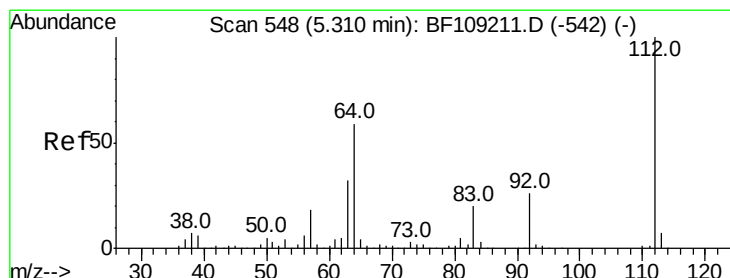
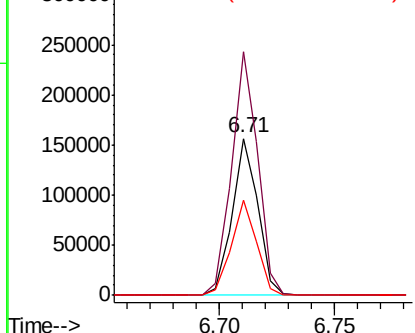
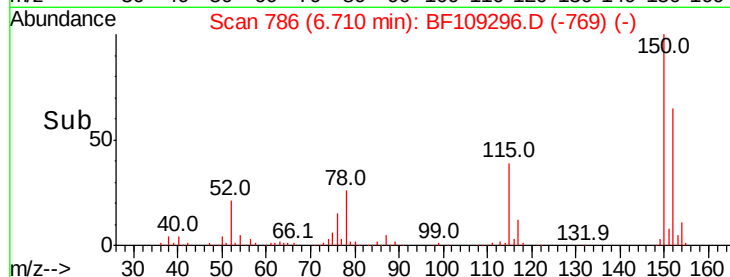
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF109296.D
 Acq: 25 Sep 2018 19:56

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200031

Tot Ion:152 Resp: 121085
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.6 186.8
 115 60.9 50.1 75.1



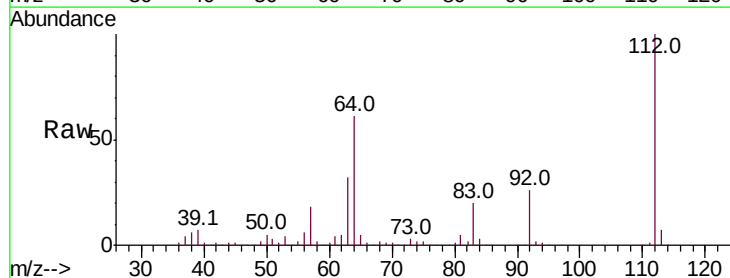
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



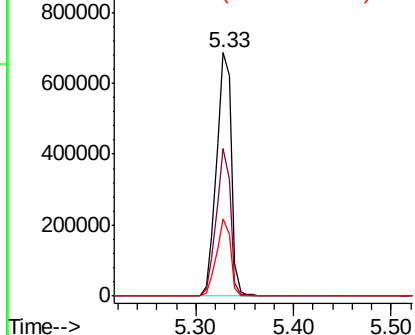
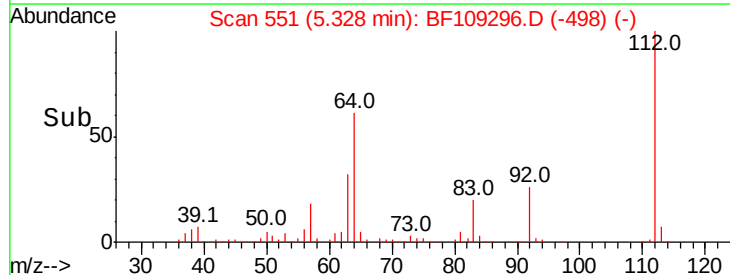
#5

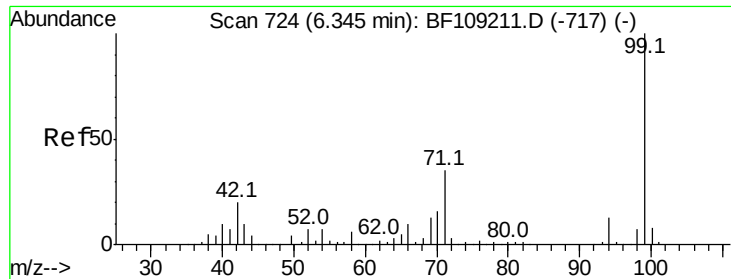
2-Fluorophenol
 Concen: 98.962 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF109296.D
 Acq: 25 Sep 2018 19:56

Tgt Ion:112 Resp: 727521
 Ion Ratio Lower Upper
 112 100
 64 60.7 47.9 71.9
 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: 90.395 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109296.D

Acq: 25 Sep 2018 19:56

Instrument :

BNA_F

ClientSampleId :

CS-RBR-200031

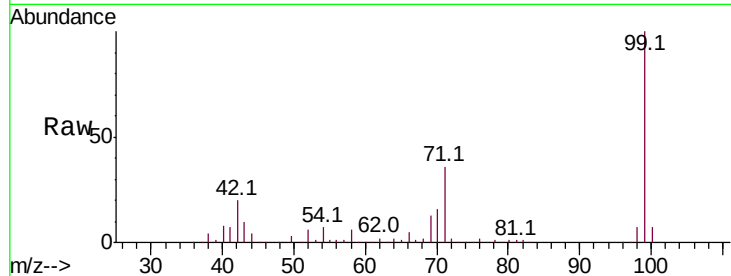
Tot Ion: 99 Resp: 847980

Ion Ratio Lower Upper

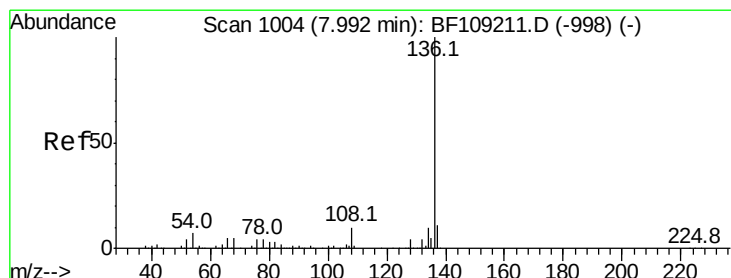
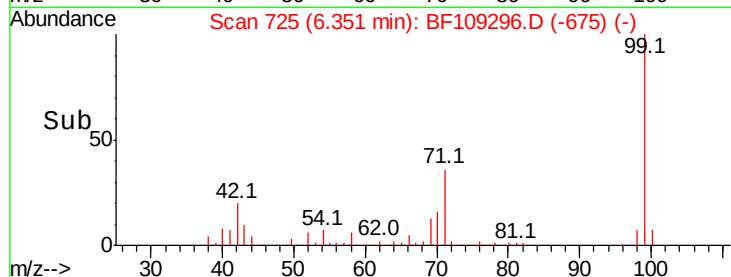
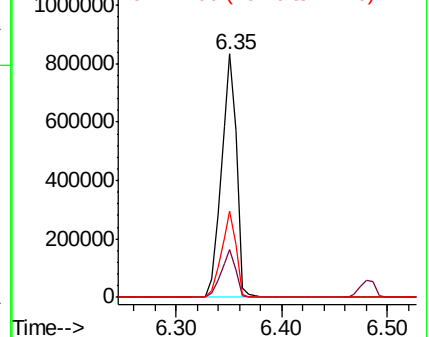
99 100

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: BF109296.D

Acq: 25 Sep 2018 19:56

Tgt Ion: 136 Resp: 456758

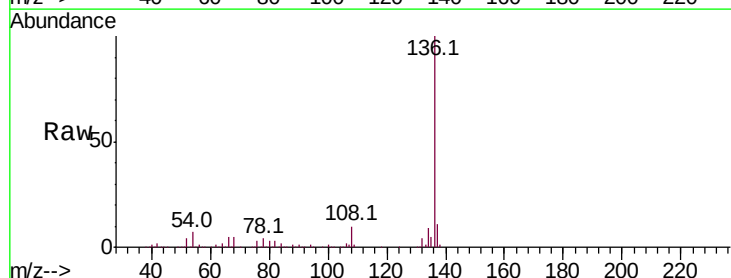
Ion Ratio Lower Upper

136 100

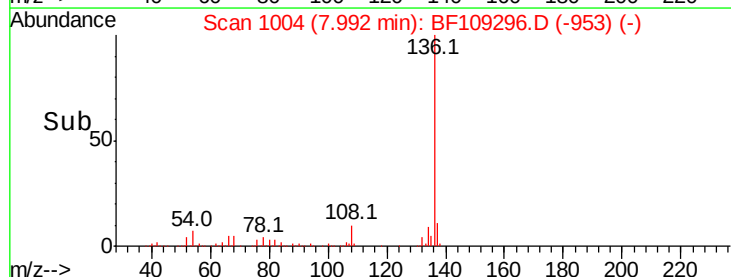
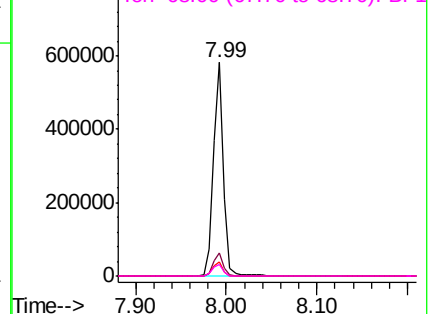
137 10.8 8.9 13.3

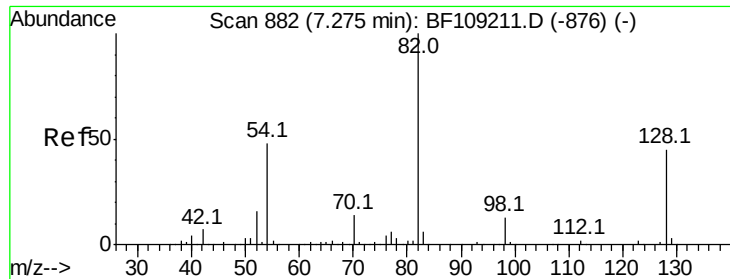
54 6.7 6.6 9.8

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

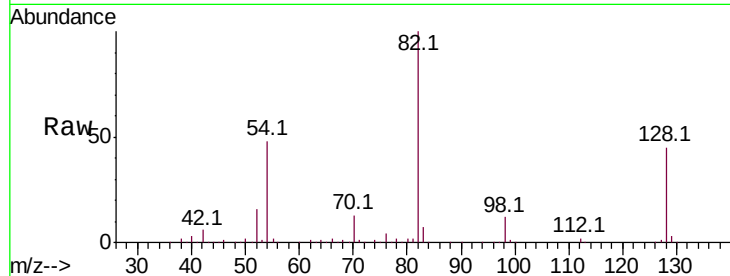




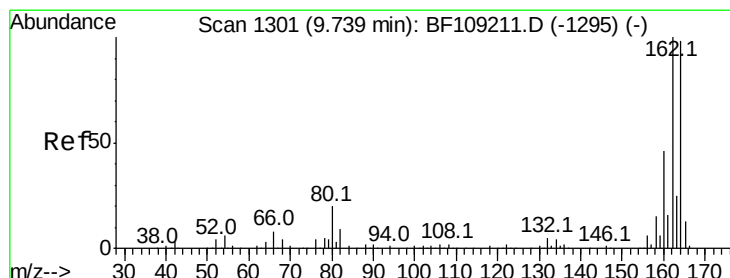
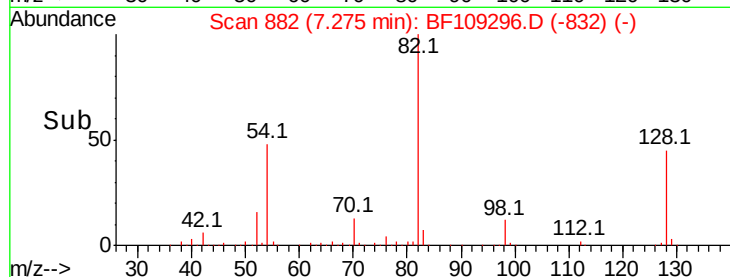
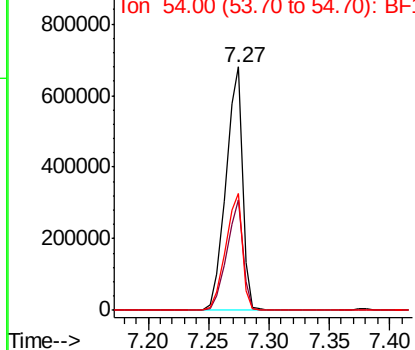
#23
 Nitrobenzene-d5
 Concen: 83.679 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF109296.D
 Acq: 25 Sep 2018 19:56

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200031

Tot Ion	82	Resp	647466
Ion Ratio	Lower	Upper	
82	100		
128	45.2	36.1	54.1
54	47.8	41.4	62.2

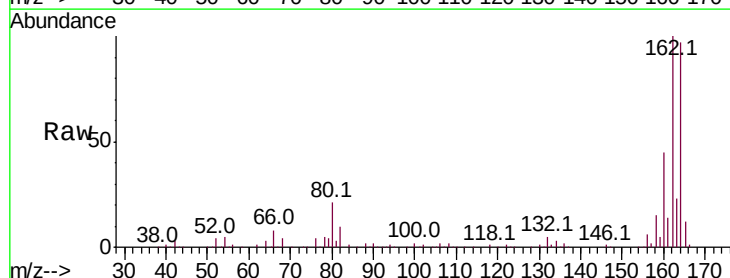


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

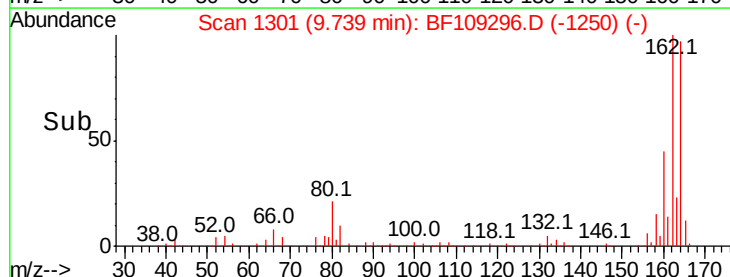
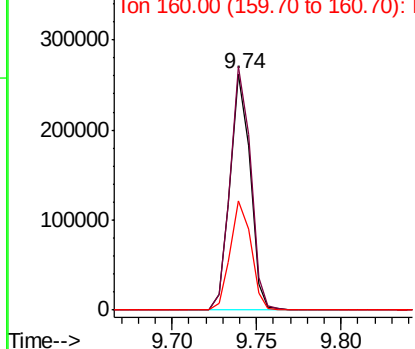


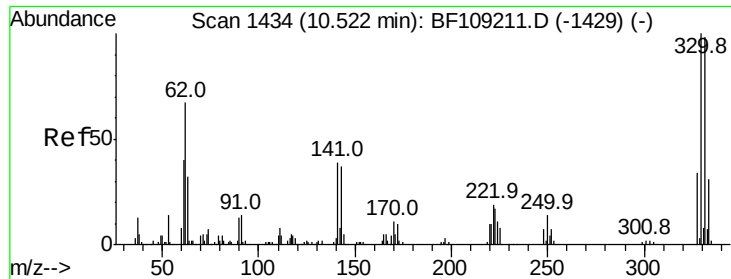
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109296.D
 Acq: 25 Sep 2018 19:56

Tgt Ion	164	Resp	217327
Ion Ratio	Lower	Upper	
164	100		
162	103.1	86.1	129.1
160	46.4	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

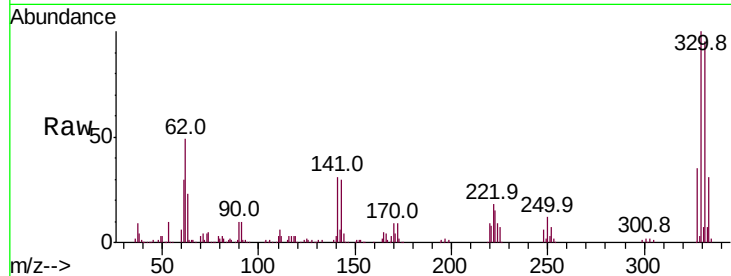




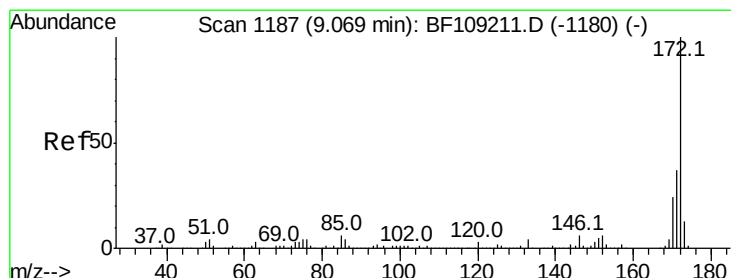
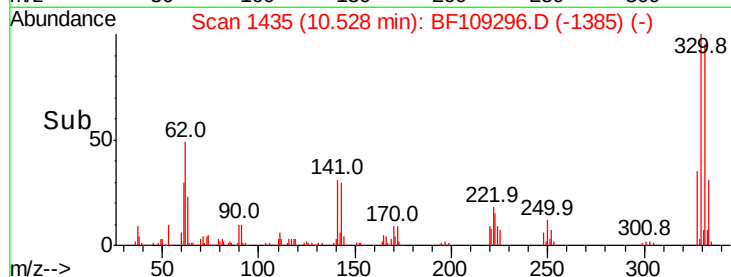
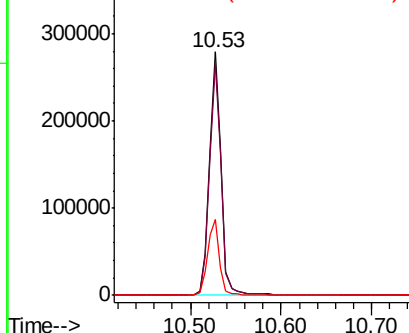
#41
 2,4,6-Tribromophenol
 Concen: 119.779 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109296.D
 Acq: 25 Sep 2018 19:56

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200031

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	31.6	29.9	44.9

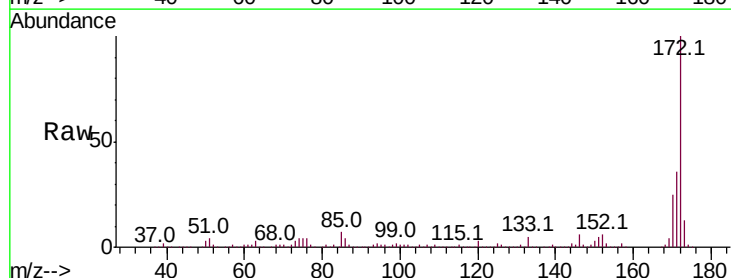


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

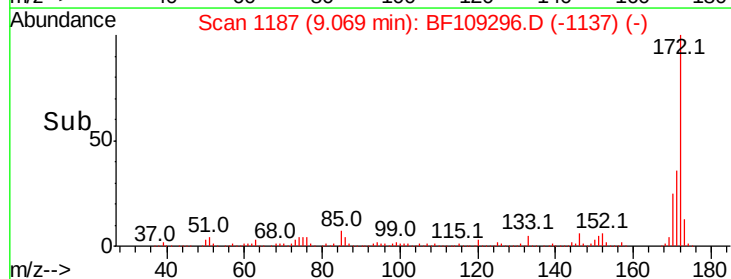
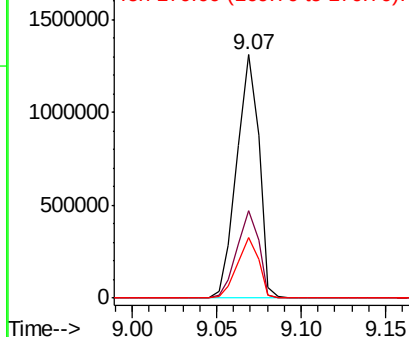


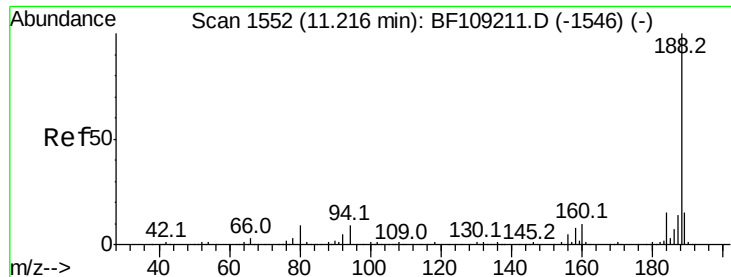
#44
 2-Fluorobiphenyl
 Concen: 83.578 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109296.D
 Acq: 25 Sep 2018 19:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.7	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

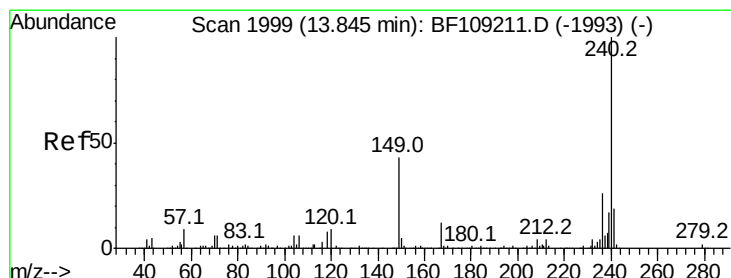
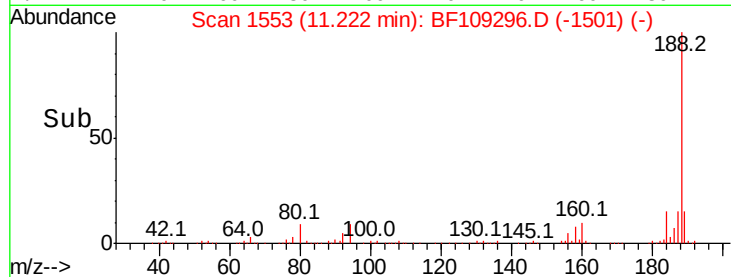
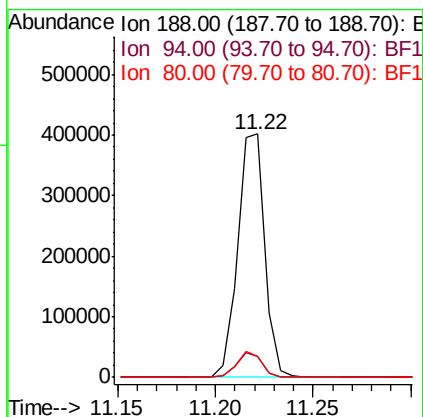
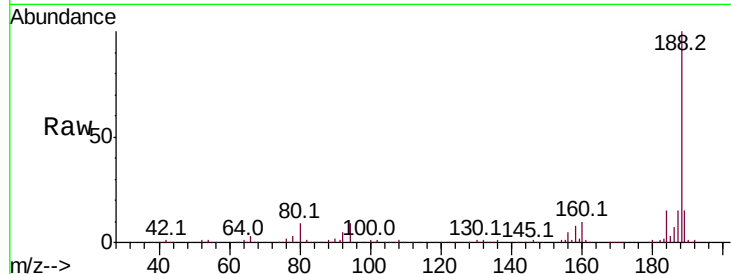




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF109296.D
Acq: 25 Sep 2018 19:56

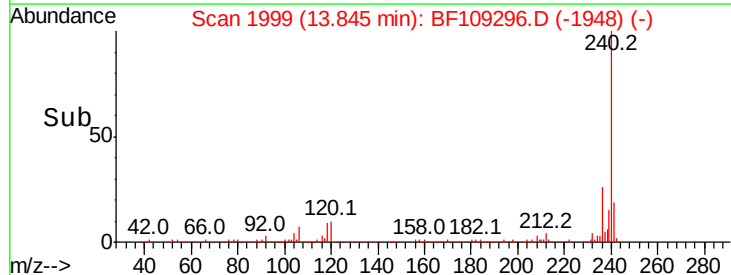
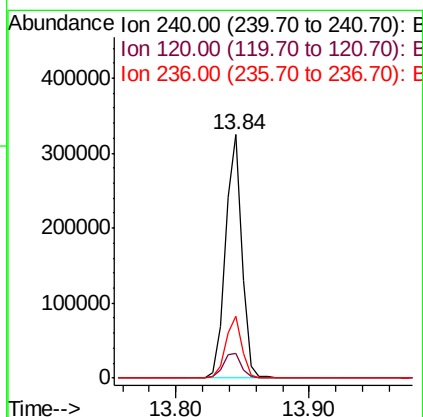
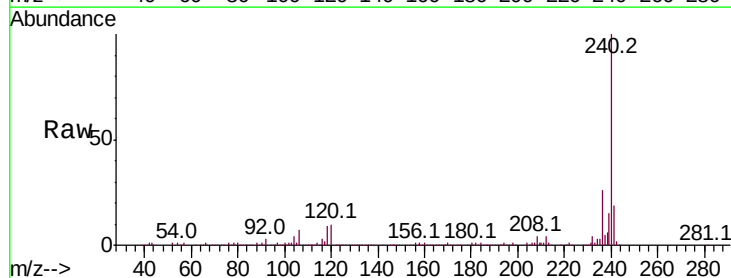
Instrument :
BNA_F
ClientSampleId :
CS-RBR-200031

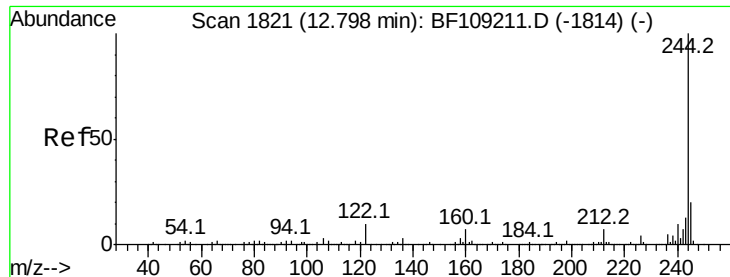
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	8.7	9.2	13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109296.D
Acq: 25 Sep 2018 19:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	25.5	20.7	31.1

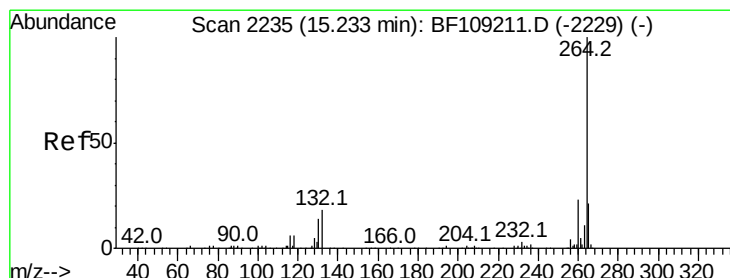
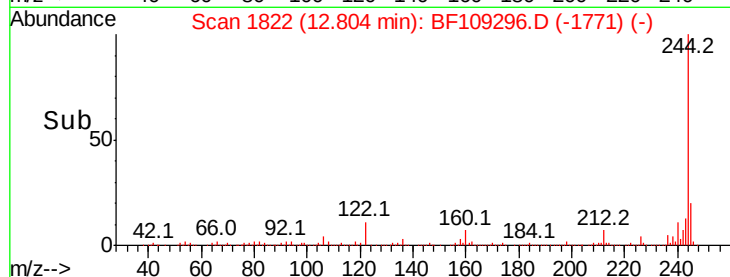
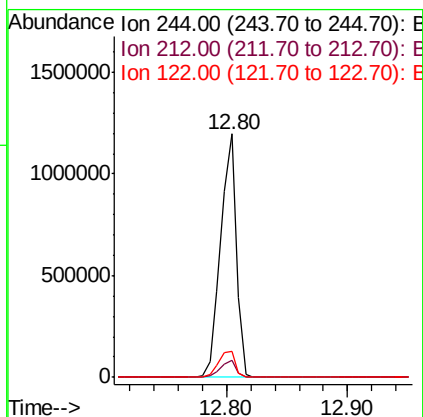
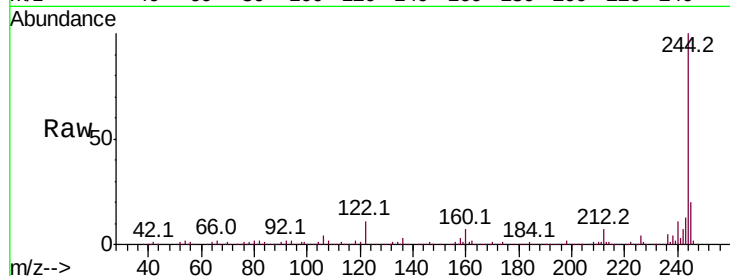




#78
 Terphenyl-d14
 Concen: 93.587 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BF109296.D
 Acq: 25 Sep 2018 19:56

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200031

Tot Ion:244 Resp: 1072589
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 10.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. 0.01 min
 Lab File: BF109296.D
 Acq: 25 Sep 2018 19:56

Tgt Ion:264 Resp: 237739
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.6 17.5 26.3

