

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109297.D
 Acq On : 25 Sep 2018 20:22
 Operator : JU/SJ
 Sample : J5070-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-RT-4005

Quant Time: Sep 26 03:49:28 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	117697	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	426277	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	180178	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	300632	20.00	ng	0.00
75) Chrysene-d12	13.84	240	263376	20.00	ng	0.00
86) Perylene-d12	15.24	264	190546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	644456	90.19	ng	0.01
7) Phenol-d6	6.35	99	778013	85.32	ng	0.00
23) Nitrobenzene-d5	7.27	82	614850	85.15	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	190254	107.11	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1075329	90.01	ng	0.00
78) Terphenyl-d14	12.80	244	944763	88.03	ng	0.00

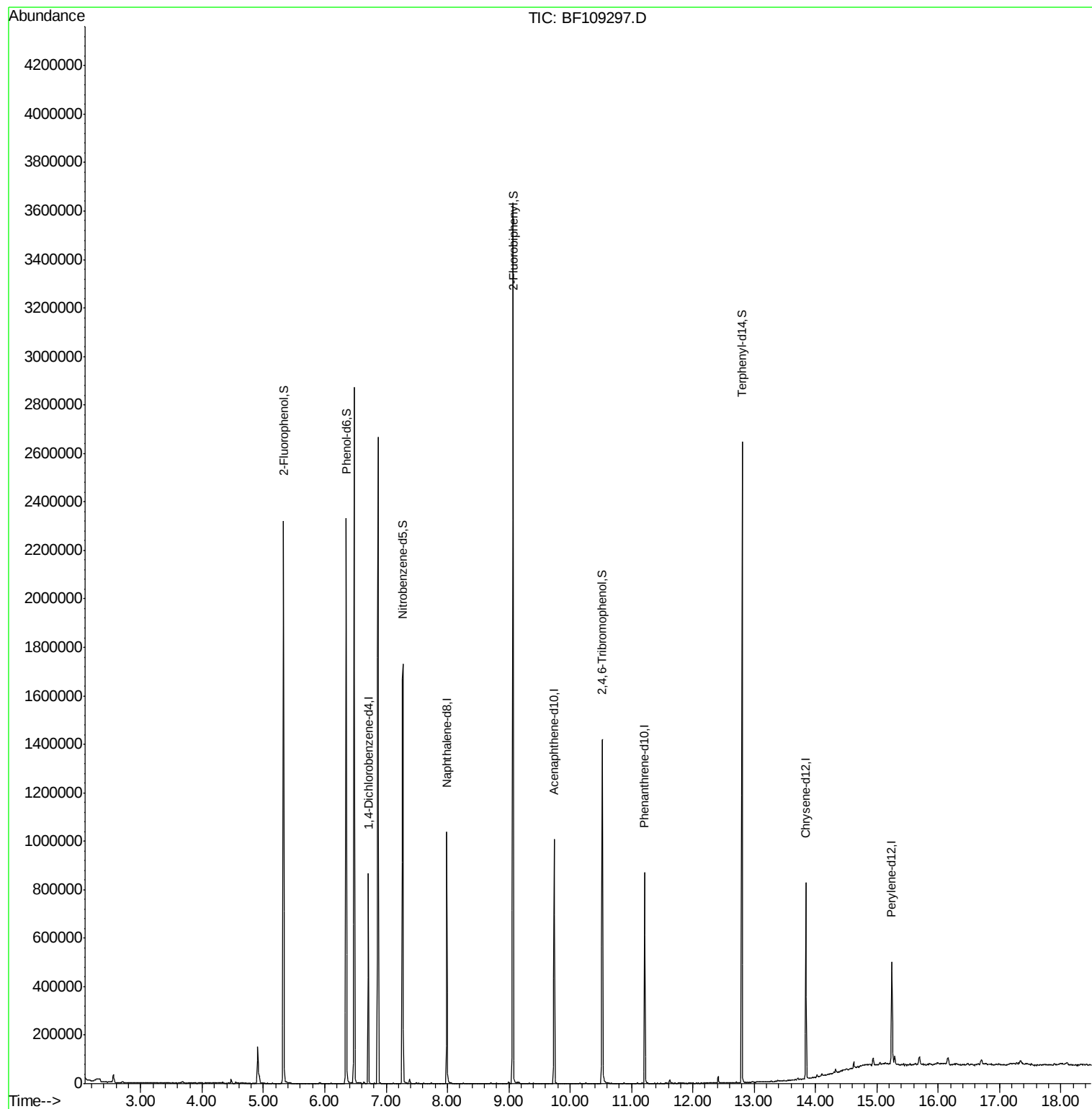
Target Compounds Qvalue

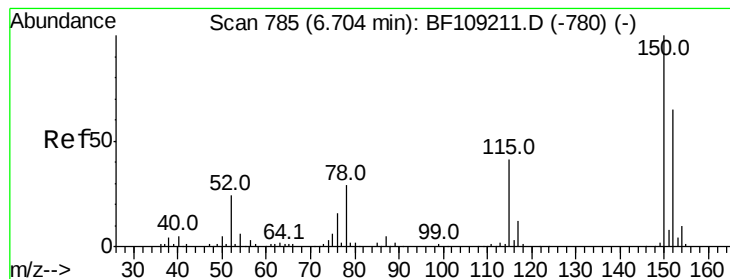
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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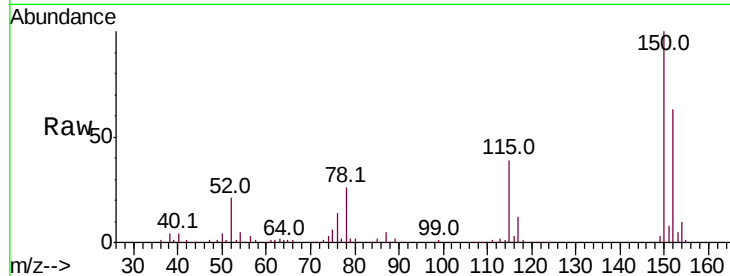


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF109297.D
 Acq: 25 Sep 2018 20:22

Instrument :
 BNA_F
 ClientSampleId :
 CS-RT-4005

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	61.7	50.1	75.1

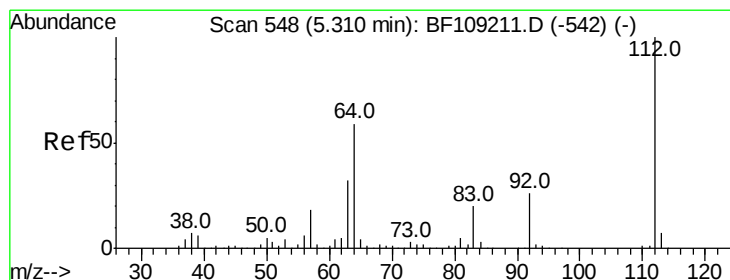
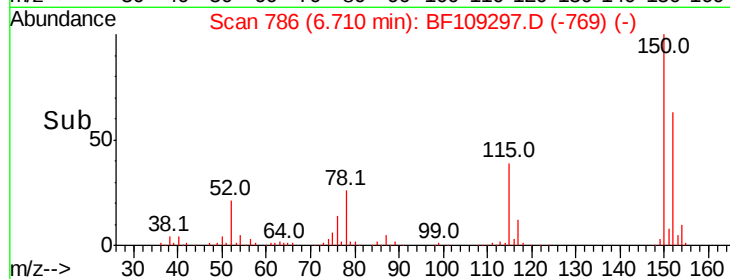
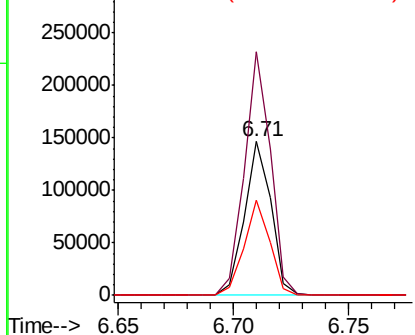


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

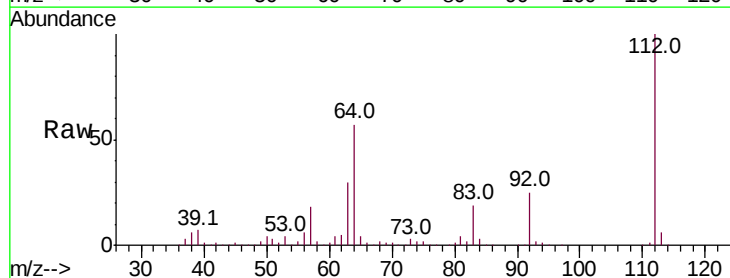
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 90.187 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF109297.D
 Acq: 25 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.9	71.9
63	30.4	23.7	35.5

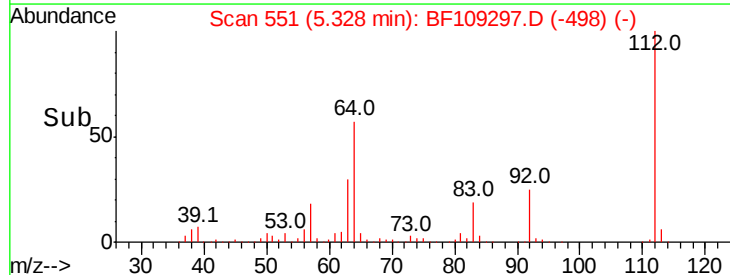
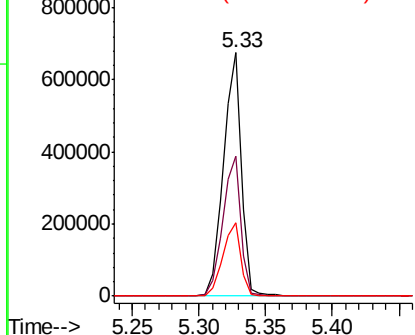


Abundance

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: 85.324 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109297.D

Acq: 25 Sep 2018 20:22

Instrument :

BNA_F

ClientSampled :

CS-RT-4005

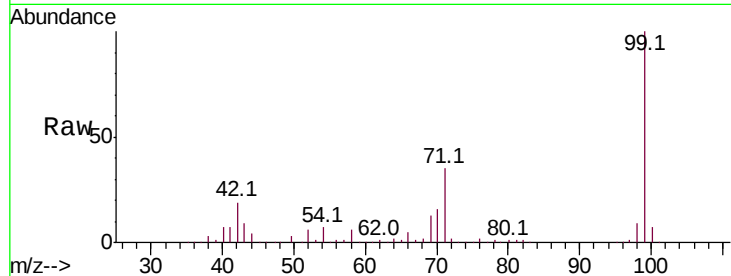
Tot Ion: 99 Resp: 778013

Ion Ratio Lower Upper

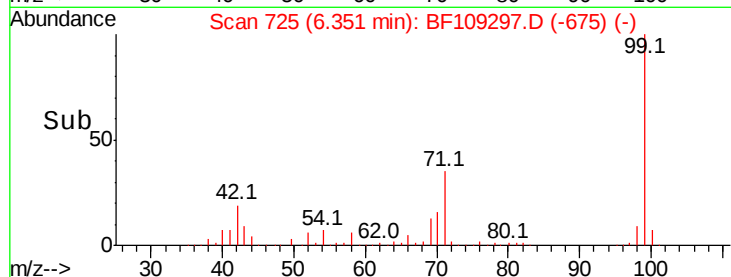
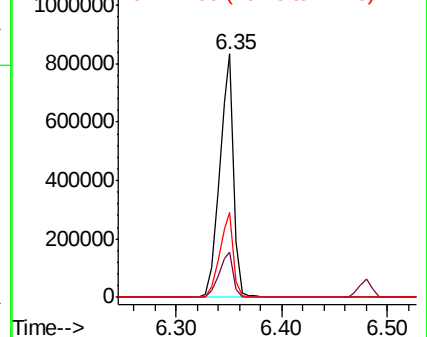
99 100

42 18.8 14.5 21.7

71 34.7 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: BF109297.D

Acq: 25 Sep 2018 20:22

Tgt Ion: 136 Resp: 426277

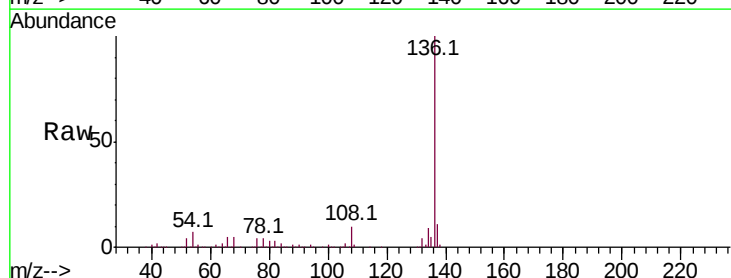
Ion Ratio Lower Upper

136 100

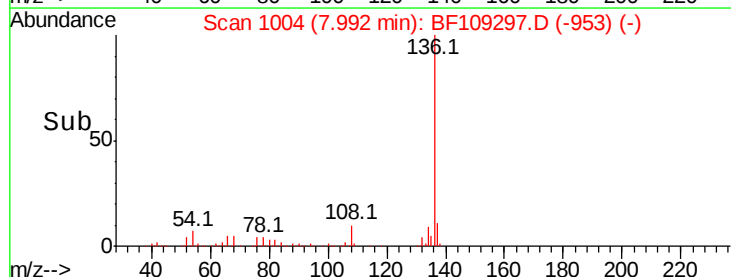
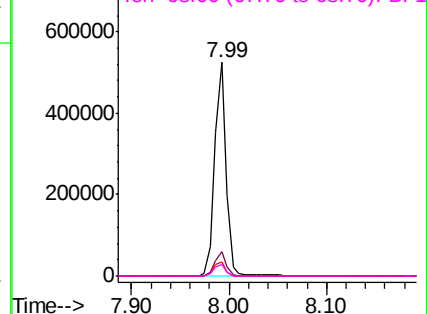
137 11.1 8.9 13.3

54 6.8 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

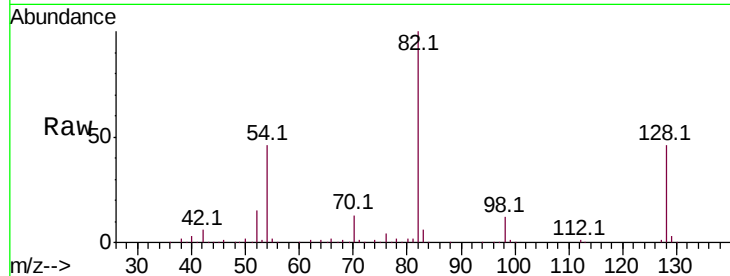




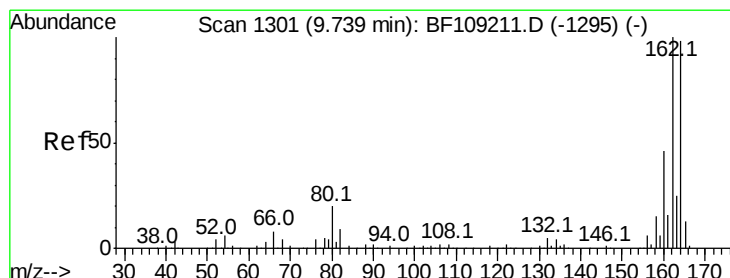
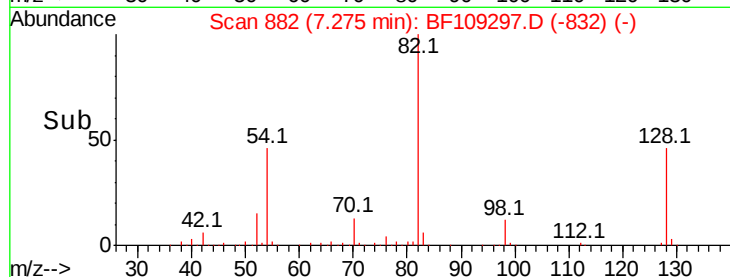
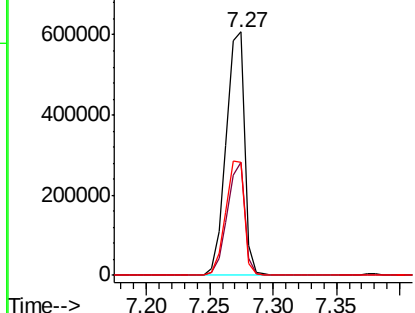
#23
 Nitrobenzene-d5
 Concen: 85.145 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF109297.D
 Acq: 25 Sep 2018 20:22

Instrument :
 BNA_F
 ClientSampleId :
 CS-RT-4005

Tot Ion	82	Resp	614850
Ion Ratio	Lower	Upper	
82	100		
128	46.2	36.1	54.1
54	46.4	41.4	62.2

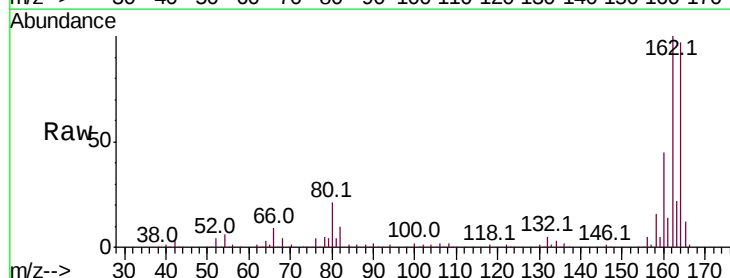


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

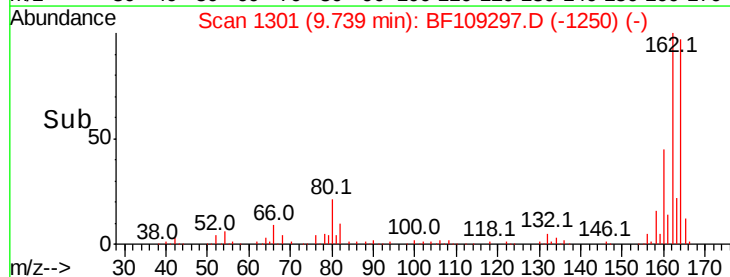
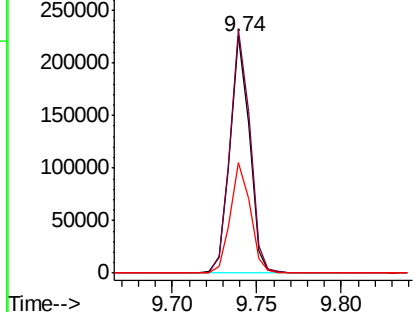


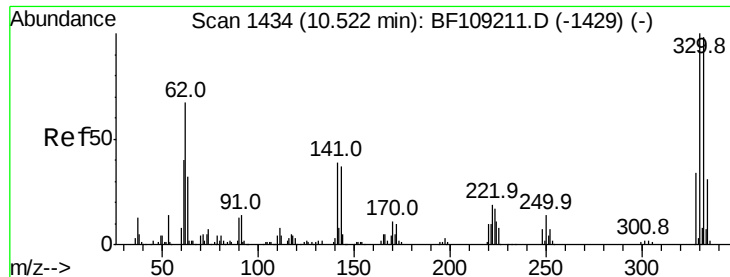
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF109297.D
 Acq: 25 Sep 2018 20:22

Tgt Ion	164	Resp	180178
Ion Ratio	Lower	Upper	
164	100		
162	102.7	86.1	129.1
160	46.6	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

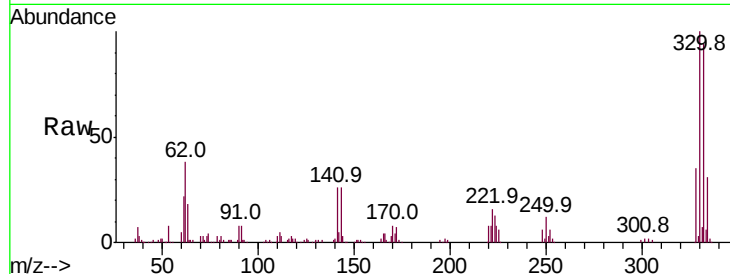




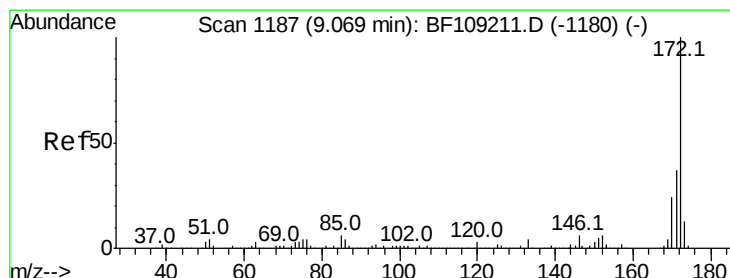
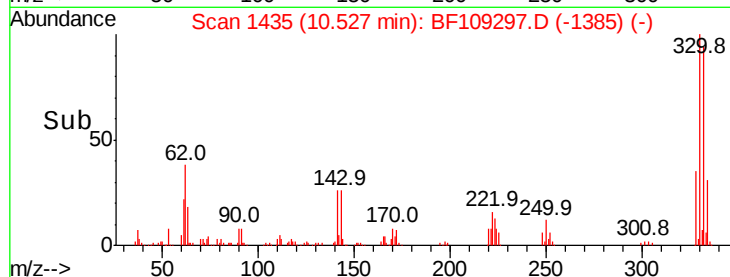
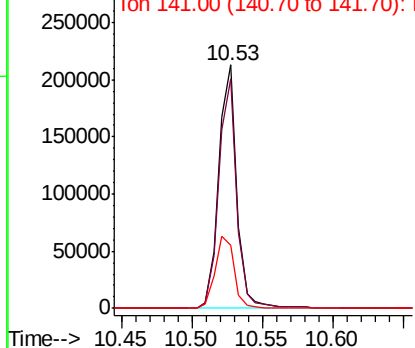
#41
 2,4,6-Tribromophenol
 Concen: 107.114 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109297.D
 Acq: 25 Sep 2018 20:22

Instrument :
 BNA_F
 ClientSampleId :
 CS-RT-4005

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	31.8	29.9	44.9

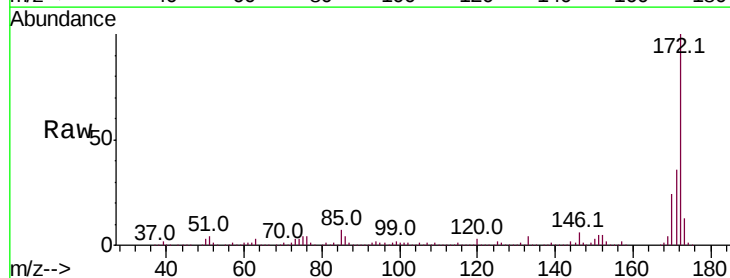


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

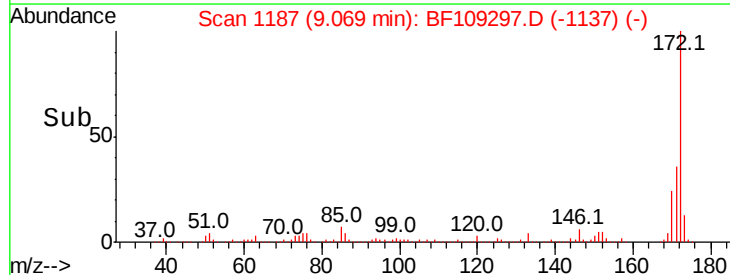
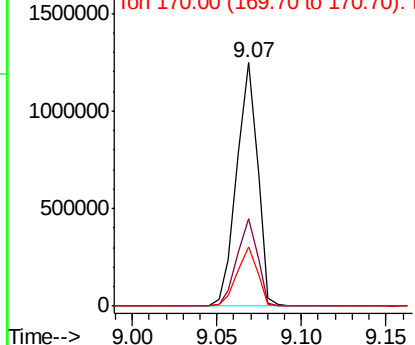


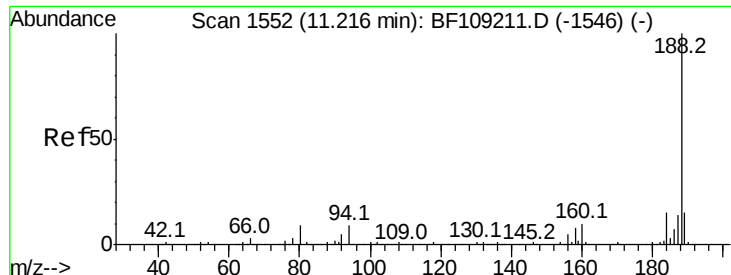
#44
 2-Fluorobiphenyl
 Concen: 90.011 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109297.D
 Acq: 25 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	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

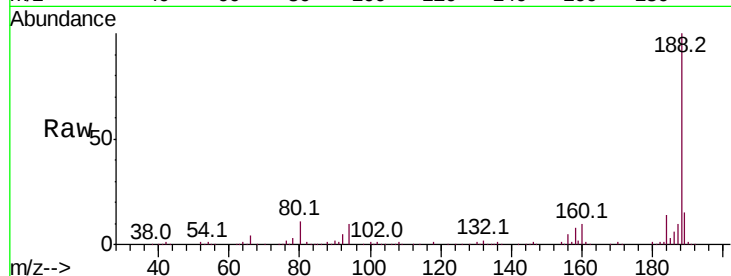




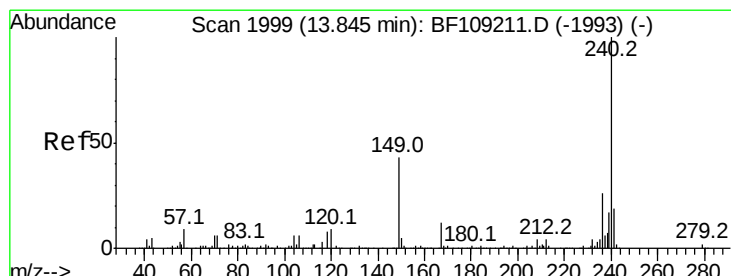
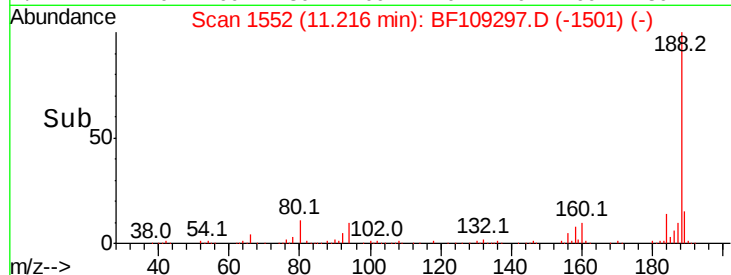
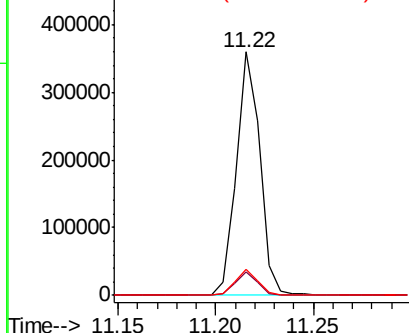
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109297.D
Acq: 25 Sep 2018 20:22

Instrument :
BNA_F
ClientSampleId :
CS-RT-4005

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.9	9.2	13.8

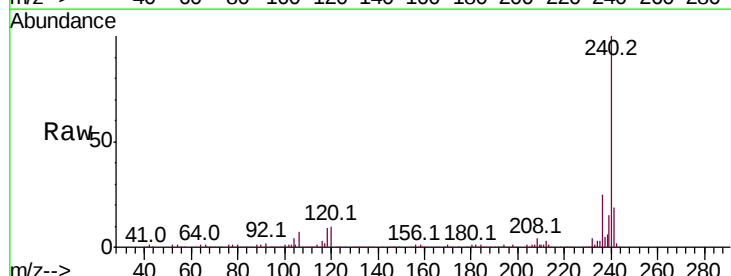


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

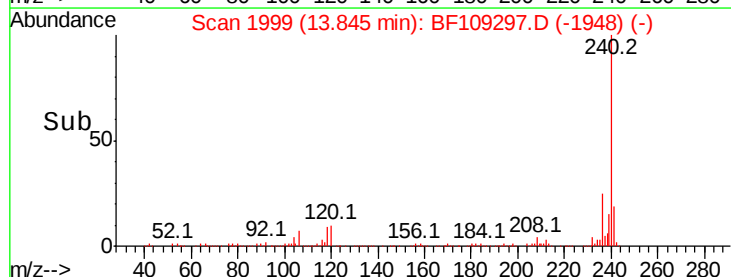
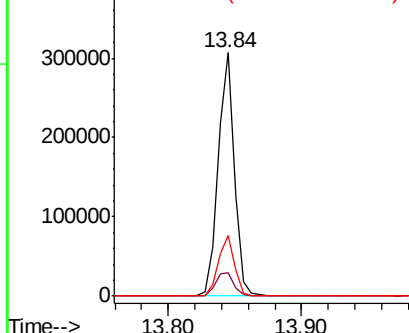


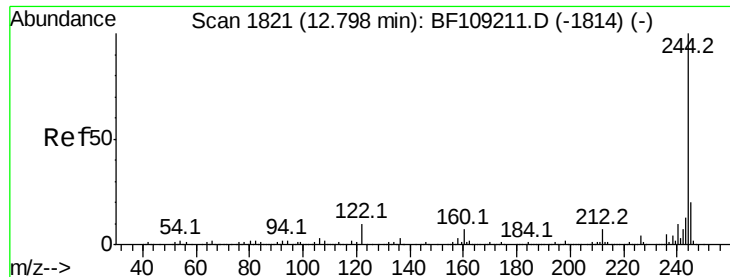
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF109297.D
Acq: 25 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	25.0	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

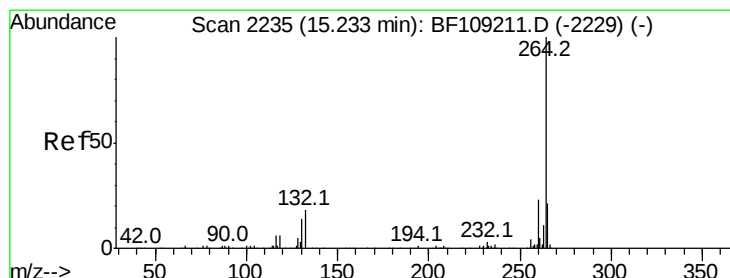
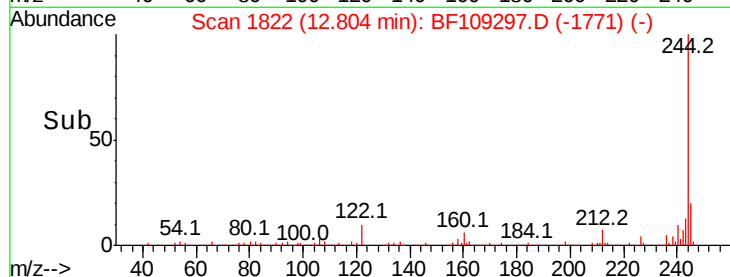
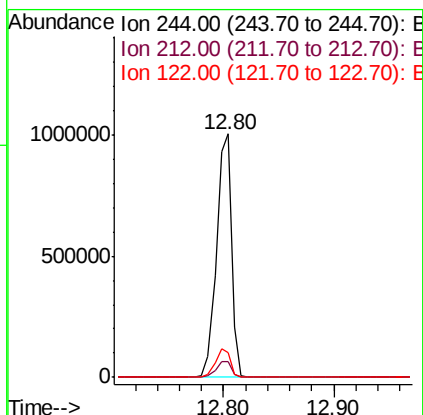
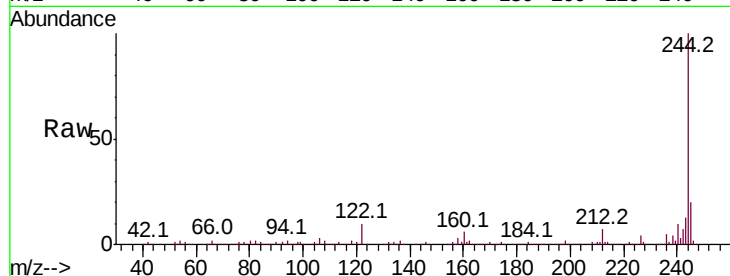




#78
 Terphenyl-d14
 Concen: 88.034 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: BF109297.D
 Acq: 25 Sep 2018 20:22

Instrument :
 BNA_F
 ClientSampleId :
 CS-RT-4005

Tot Ion:244 Resp: 944763
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.0 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109297.D
 Acq: 25 Sep 2018 20:22

Tgt Ion:264 Resp: 190546
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.7 17.5 26.3

