

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108965.D
 Acq On : 13 Sep 2018 15:38
 Operator : JU/SJ
 Sample : PB112800BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112800BL

Quant Time: Sep 13 16:06:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	166664	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	648802	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	317209	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	644692	20.00	ng	0.00
75) Chrysene-d12	13.86	240	542191	20.00	ng	0.00
86) Perylene-d12	15.27	264	422977	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1056796	105.05	ng	0.01
7) Phenol-d6	6.37	99	1362859	105.29	ng	0.00
23) Nitrobenzene-d5	7.29	82	877979	84.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	401309	132.52	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1577901	84.86	ng	0.00
78) Terphenyl-d14	12.82	244	1734046	74.58	ng	0.00

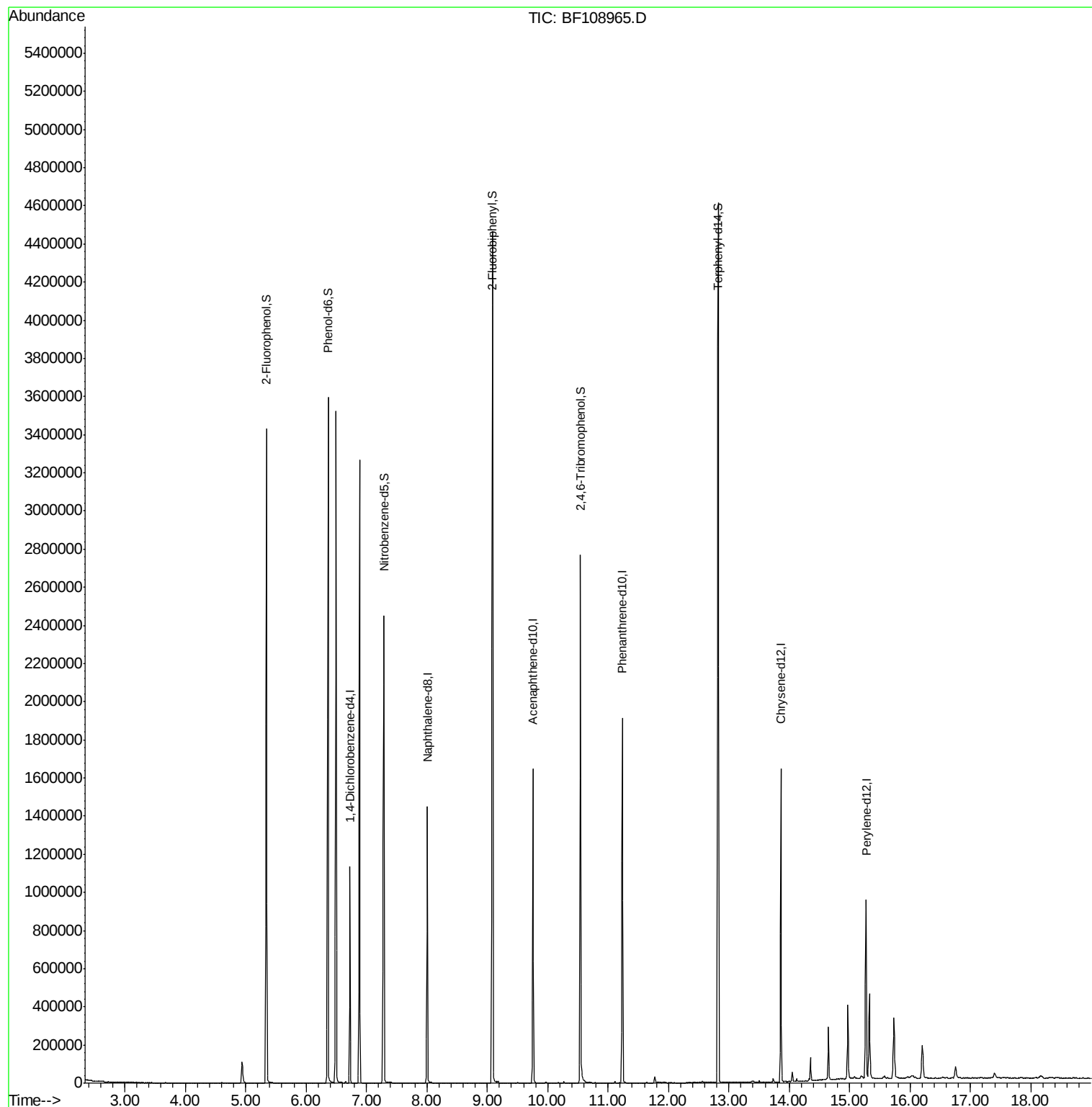
Target Compounds Qvalue

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

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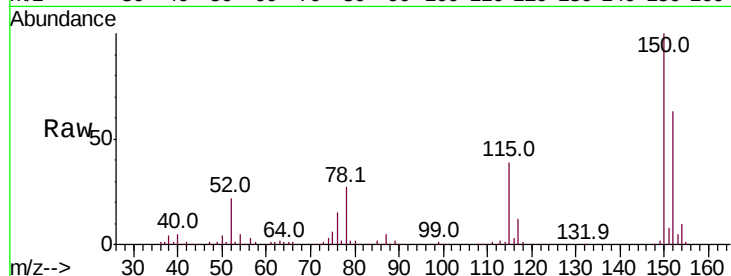


#1

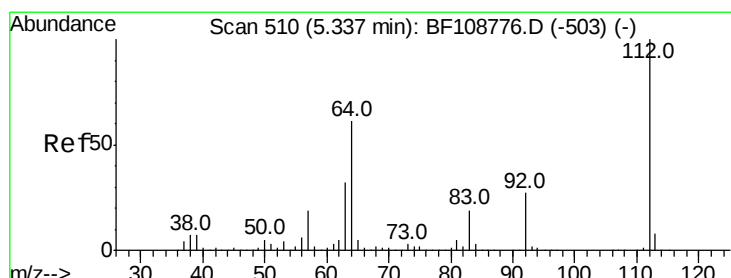
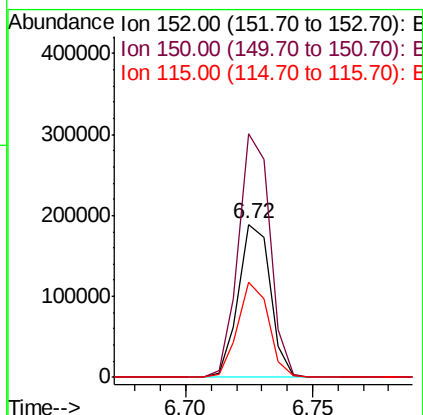
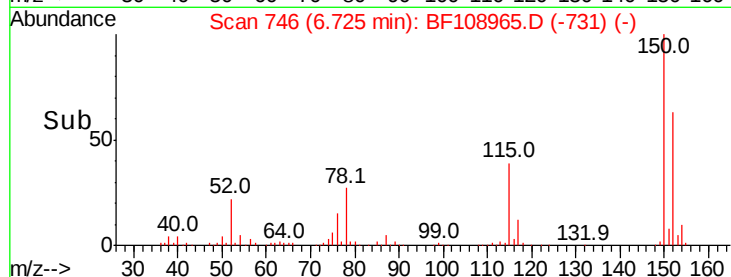
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Instrument :
BNA_F
ClientSampleId :
PB112800BL

Tot Ion:152 Resp: 166664
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 62.5 50.1 75.1



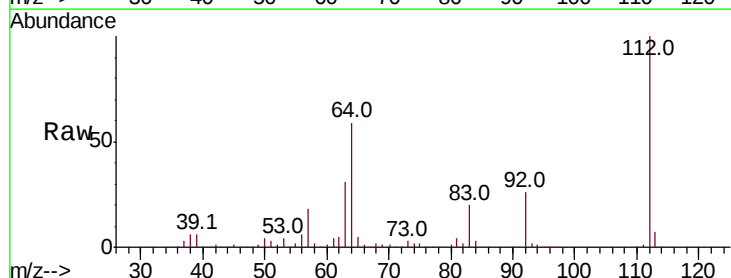
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



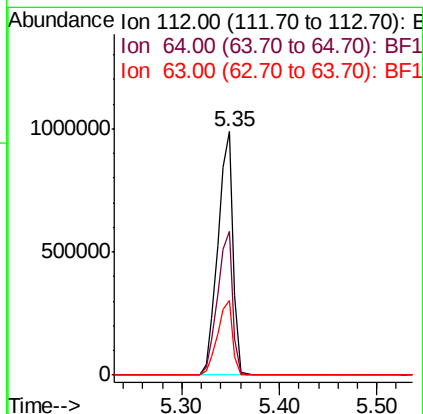
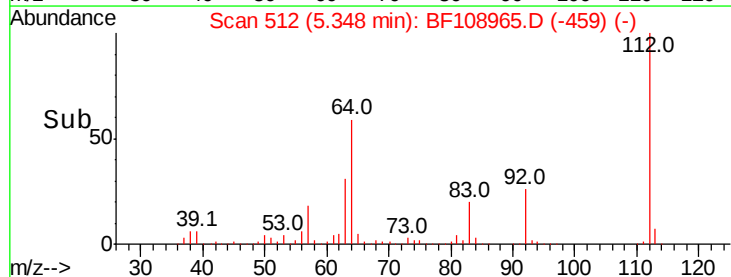
#5

2-Fluorophenol
Concen: 105.047 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Tgt Ion:112 Resp: 1056796
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 30.6 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: 105.289 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108965.D

Acq: 13 Sep 2018 15:38

Instrument :

BNA_F

ClientSampleId :

PB112800BL

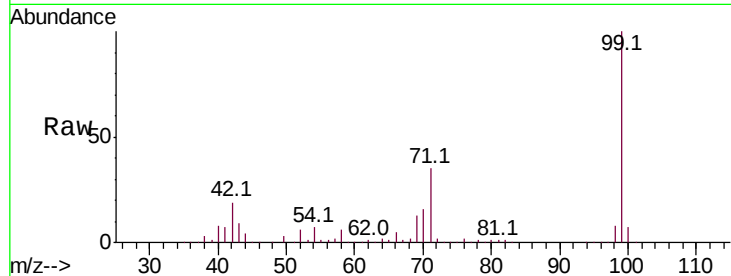
Tot Ion: 99 Resp: 1362859

Ion Ratio Lower Upper

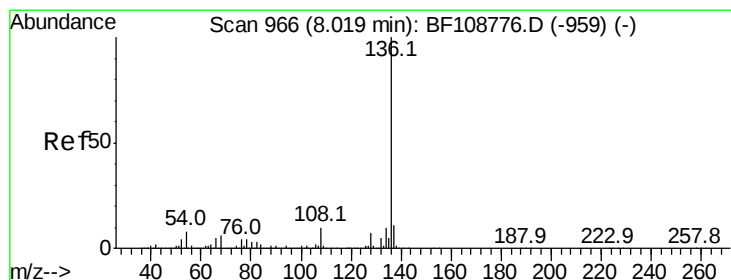
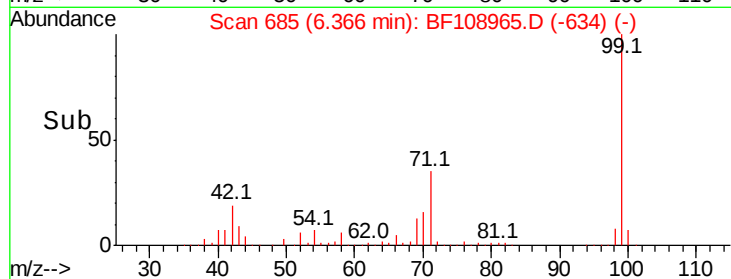
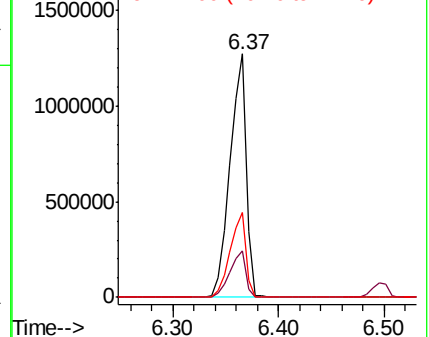
99 100

42 18.8 14.5 21.7

71 34.8 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: 8.01 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF108965.D

Acq: 13 Sep 2018 15:38

Tgt Ion: 136 Resp: 648802

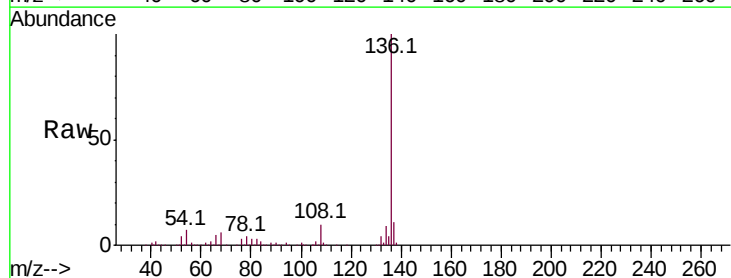
Ion Ratio Lower Upper

136 100

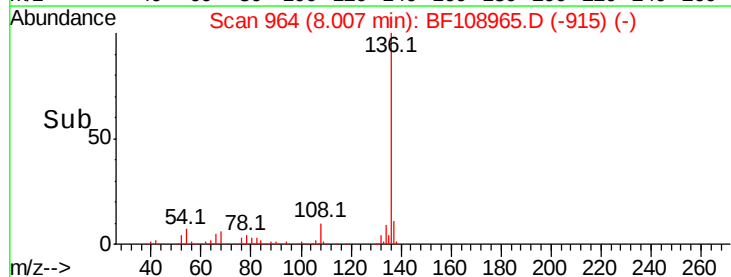
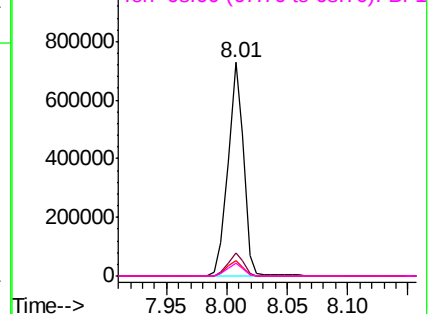
137 10.8 8.9 13.3

54 7.3 6.6 9.8

68 6.2 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

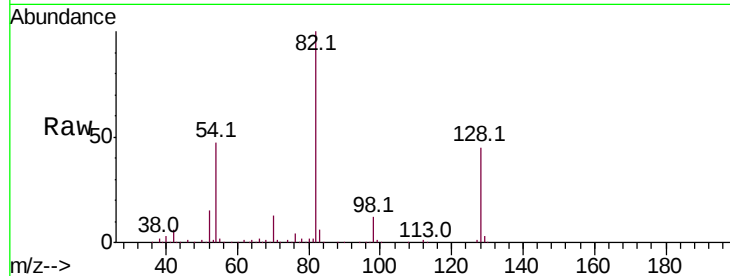




#23
 Nitrobenzene-d5
 Concen: 84.686 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108965.D
 Acq: 13 Sep 2018 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB112800BL

Tot Ion	82	Resp	877979
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	46.5	41.4	62.2

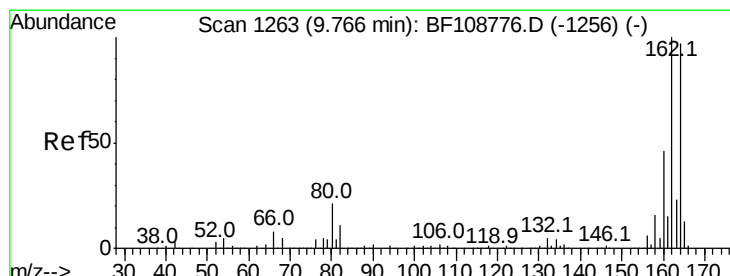
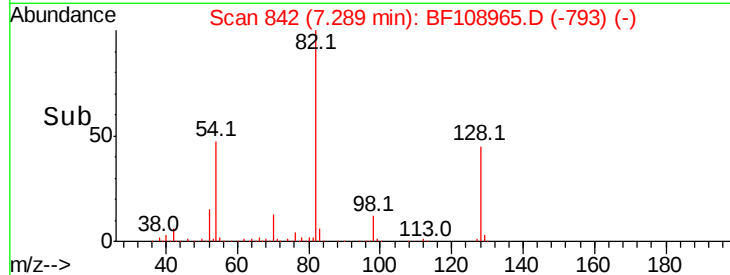
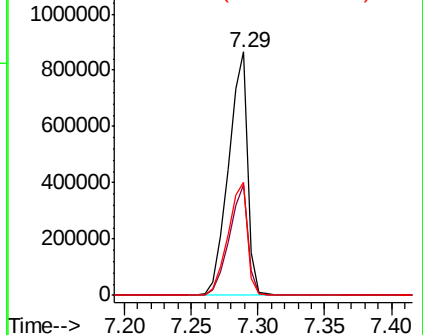


Abundance

Ion 82.00 (81.70 to 82.70): BF1

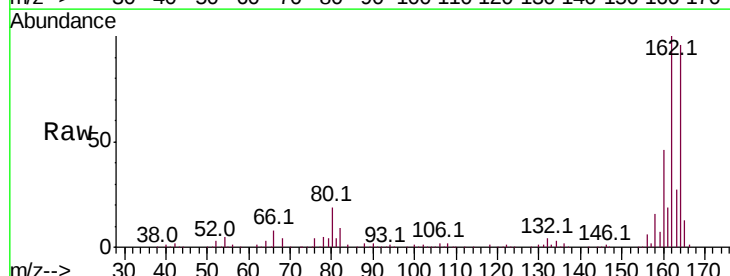
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF108965.D
 Acq: 13 Sep 2018 15:38

Tgt Ion	164	Resp	317209
Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	47.3	38.3	57.5

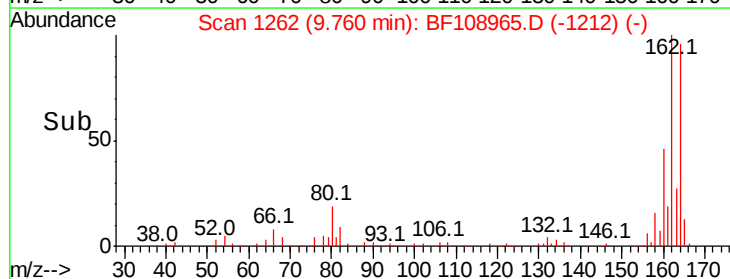
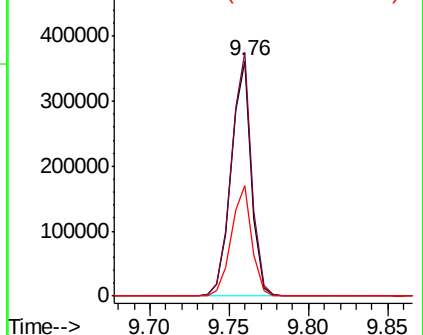


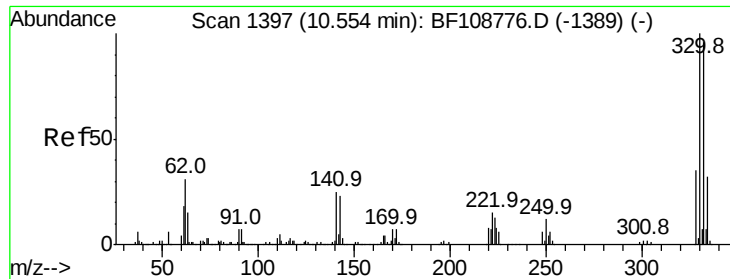
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 132.523 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF108965.D

Acq: 13 Sep 2018 15:38

Instrument :

BNA_F

ClientSampleId :

PB112800BL

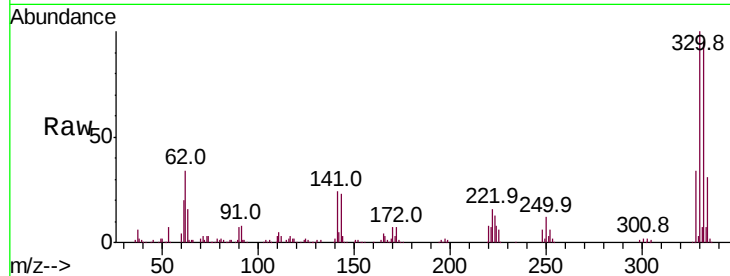
Tot Ion:330 Resp: 401309

Ion Ratio Lower Upper

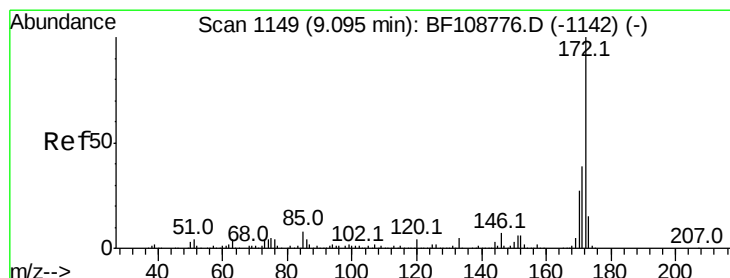
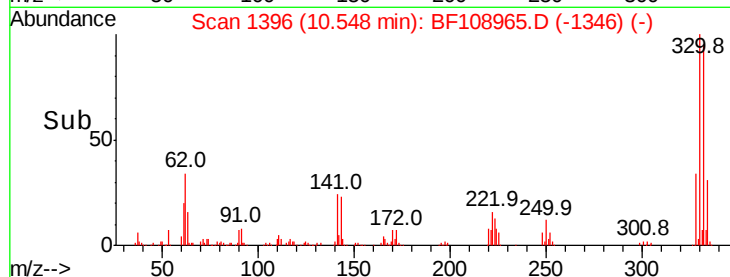
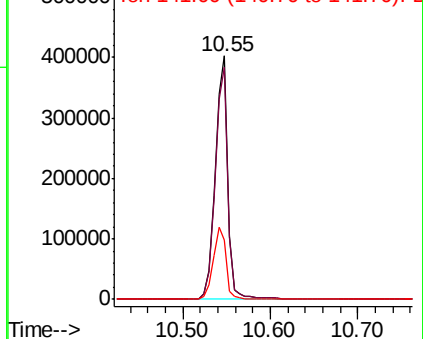
330 100

332 96.4 77.0 115.6

141 30.7 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: 84.861 ng

RT: 9.09 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF108965.D

Acq: 13 Sep 2018 15:38

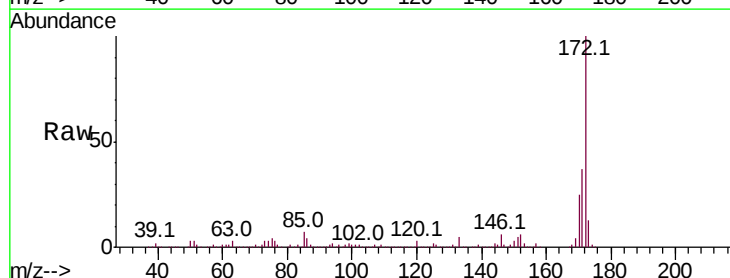
Tgt Ion:172 Resp: 1577901

Ion Ratio Lower Upper

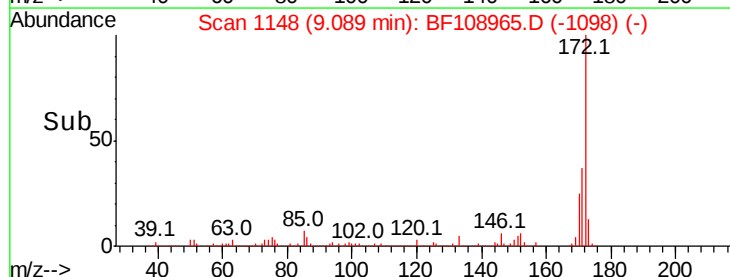
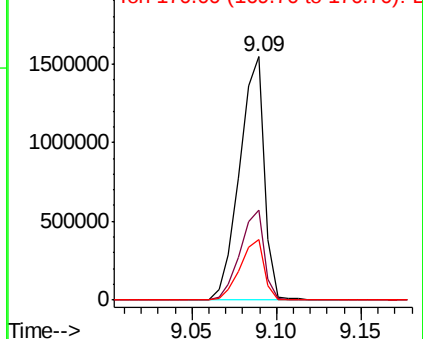
172 100

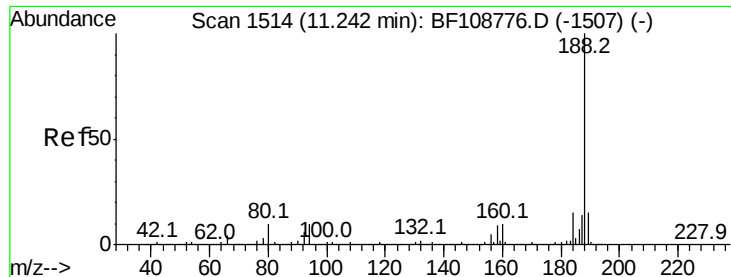
171 37.1 29.7 44.5

170 24.9 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

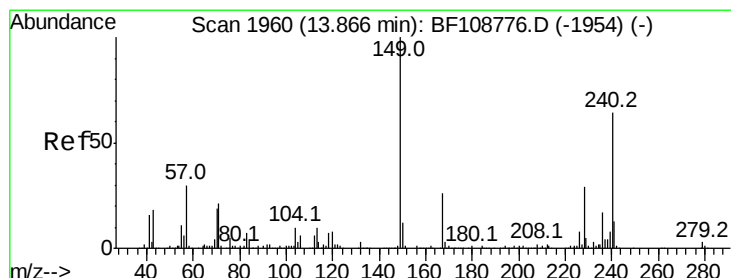
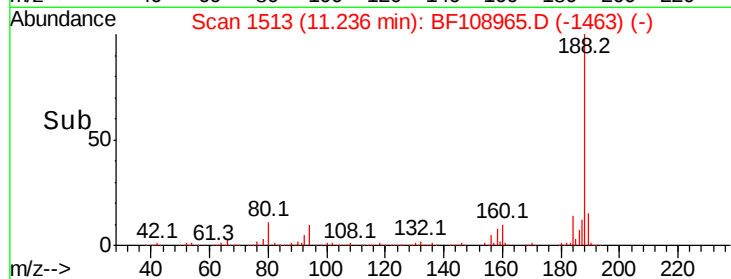
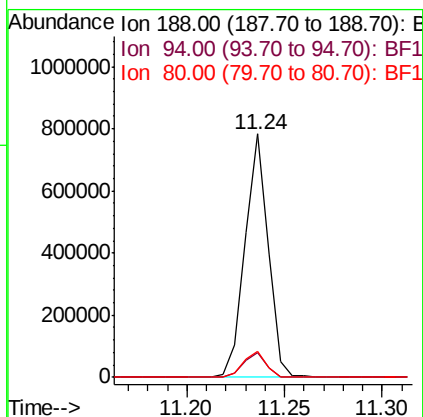
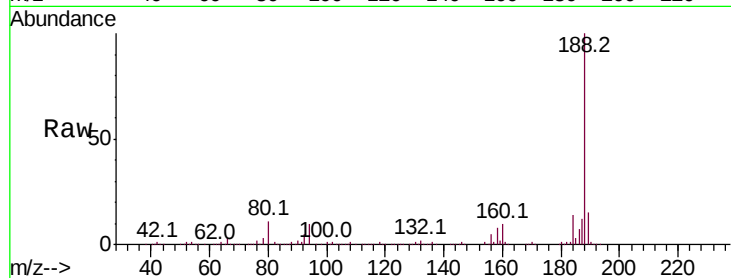




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

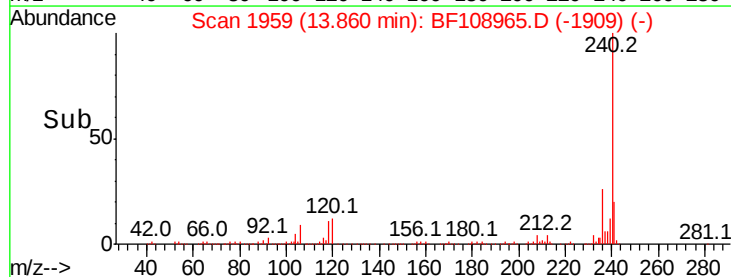
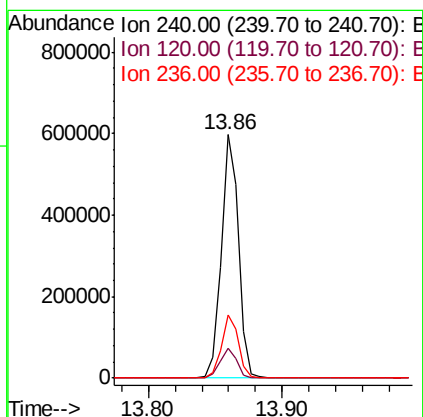
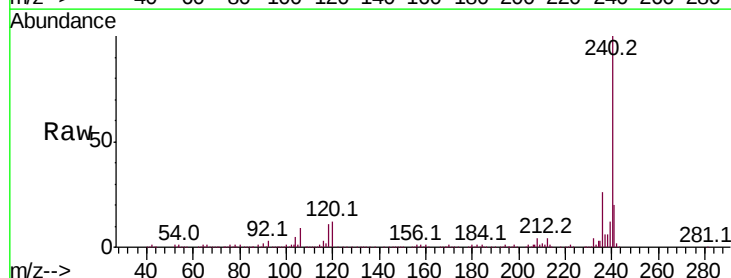
Instrument :
BNA_F
ClientSampleId :
PB112800BL

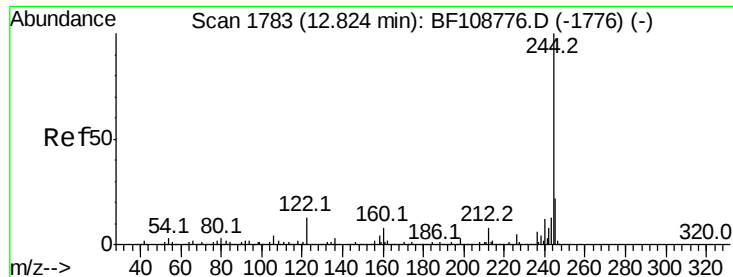
Tot Ion:188 Resp: 644692
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Tgt Ion:240 Resp: 542191
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 26.1 20.7 31.1



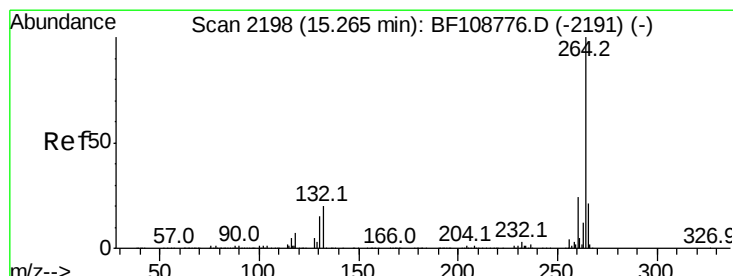
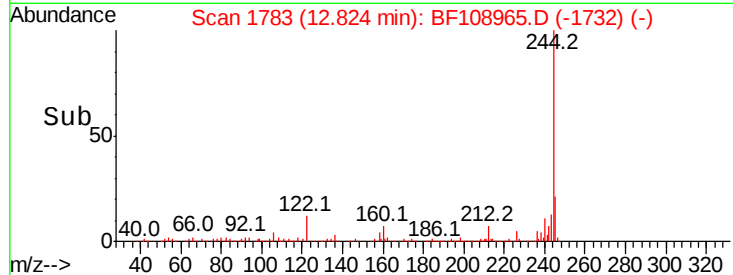
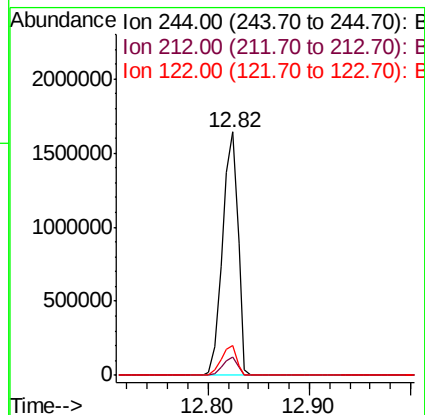
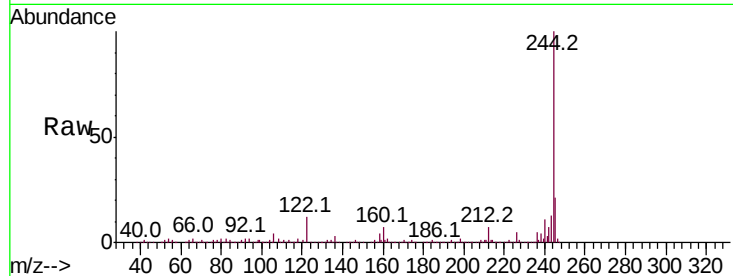


#78
 Terphenyl-d14
 Concen: 74.579 ng
 RT: 12.82 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF108965.D
 Acq: 13 Sep 2018 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB112800BL

Tot Ion:244 Resp: 1734046

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	12.1	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: BF108965.D
 Acq: 13 Sep 2018 15:38

Tgt Ion:264 Resp: 422977

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.5	17.5	26.3

