

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
 Data File : BF108908.D
 Acq On : 10 Sep 2018 22:05
 Operator : JU/SJ
 Sample : J4783-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-GW001-01

Quant Time: Sep 11 02:05:44 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	6.74	152	178231	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	622152	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	254981	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	439050	20.00	ng	0.00
75) Chrysene-d12	13.88	240	421807	20.00	ng	0.01
86) Perylene-d12	15.28	264	280037	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	546208	50.77	ng	0.01
7) Phenol-d6	6.37	99	414097	29.92	ng	0.00
23) Nitrobenzene-d5	7.30	82	970019	97.57	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	293071	120.40	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1574832	105.37	ng	0.00
78) Terphenyl-d14	12.83	244	1423170	78.68	ng	0.00

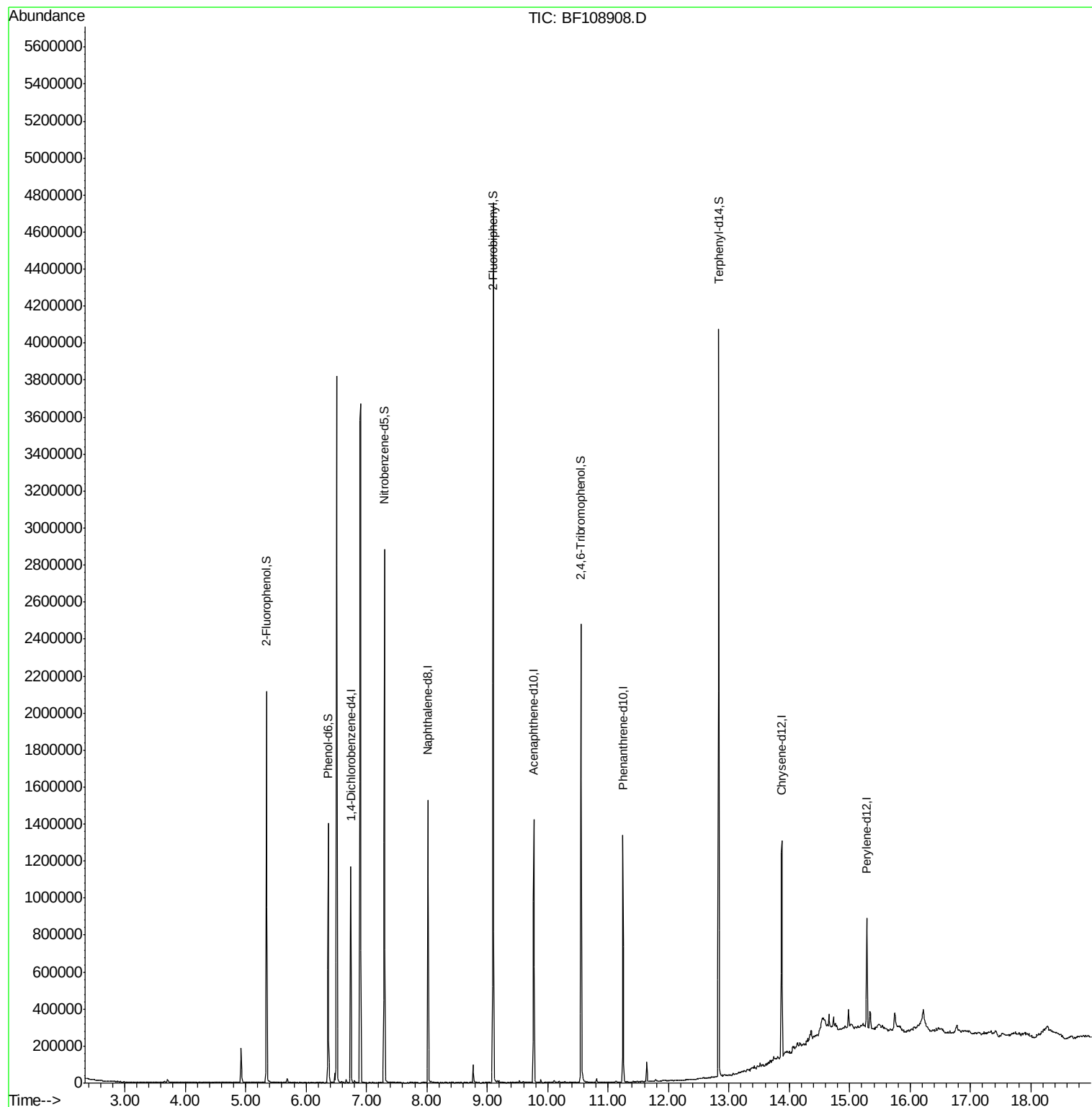
Target Compounds Qvalue

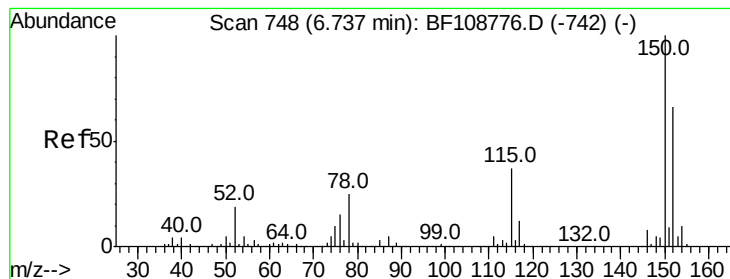
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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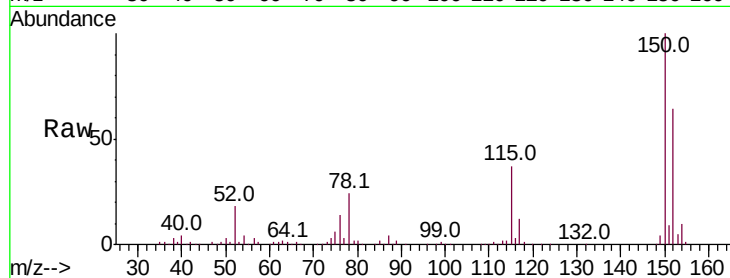


#1

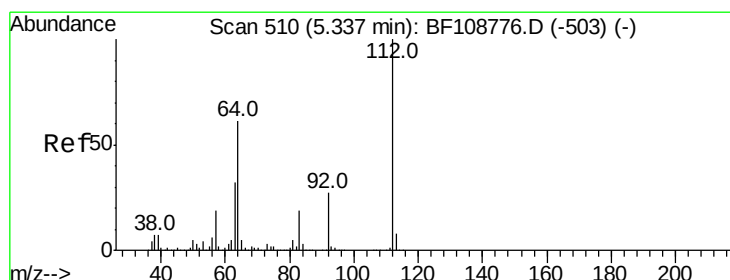
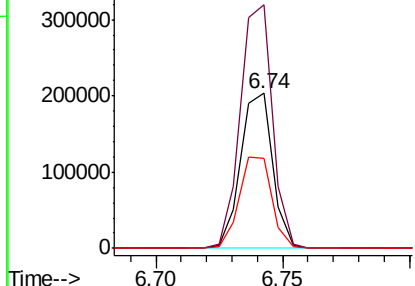
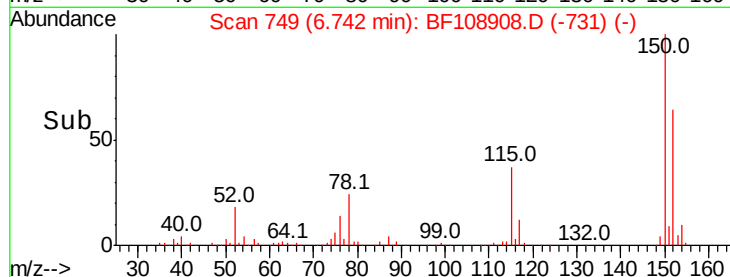
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF108908.D
 Acq: 10 Sep 2018 22:05

Instrument :
 BNA_F
 ClientSampleId :
 P001-GW001-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	58.2	50.1	75.1



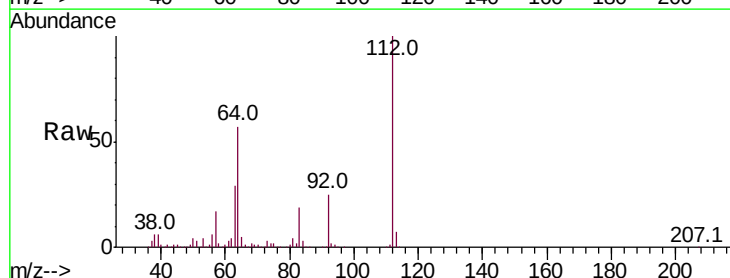
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



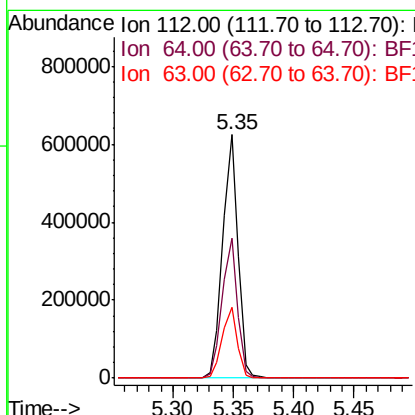
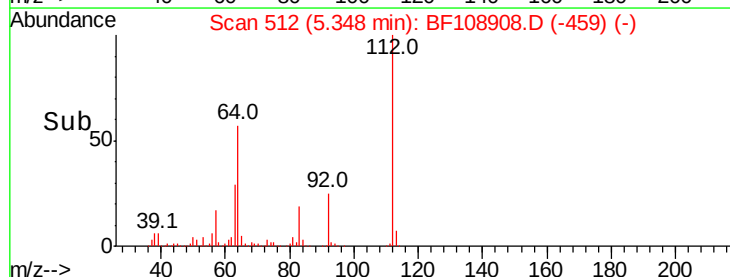
#5

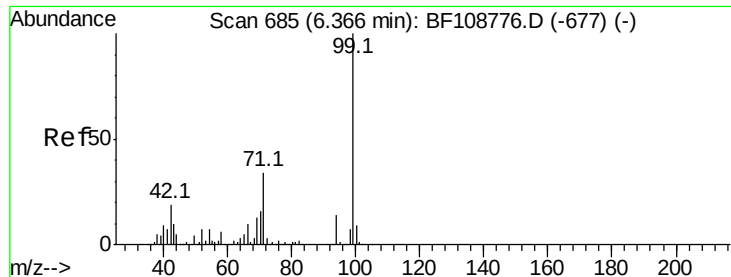
2-Fluorophenol
 Concen: 50.770 ng
 RT: 5.35 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: BF108908.D
 Acq: 10 Sep 2018 22:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.9	71.9
63	29.2	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: 29.915 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108908.D

Acq: 10 Sep 2018 22:05

Instrument :

BNA_F

ClientSampleId :

P001-GW001-01

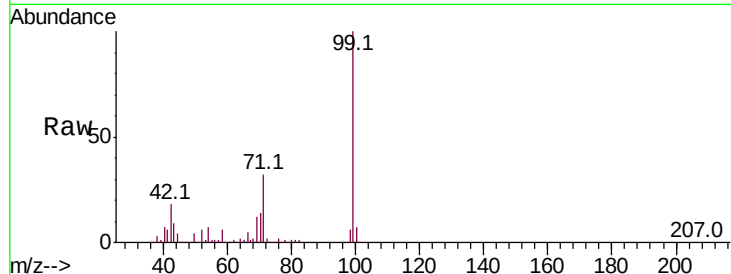
Tot Ion: 99 Resp: 414097

Ion Ratio Lower Upper

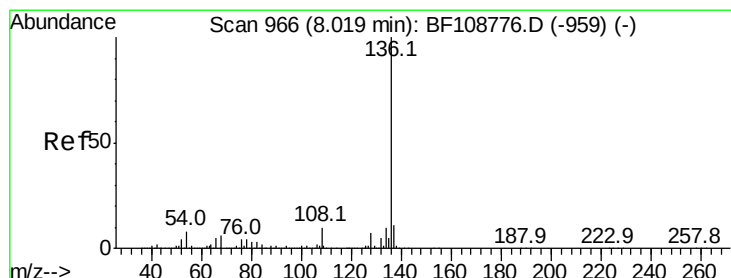
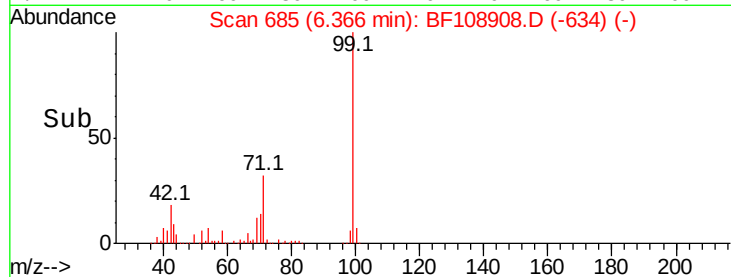
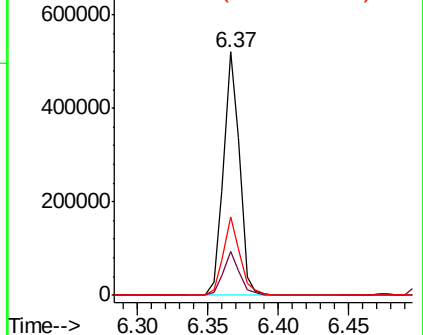
99 100

42 18.1 14.5 21.7

71 32.1 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: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108908.D

Acq: 10 Sep 2018 22:05

Tgt Ion: 136 Resp: 622152

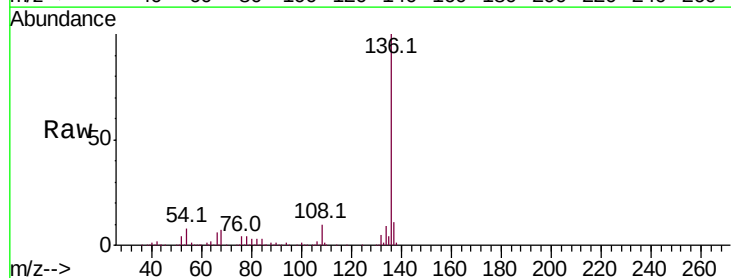
Ion Ratio Lower Upper

136 100

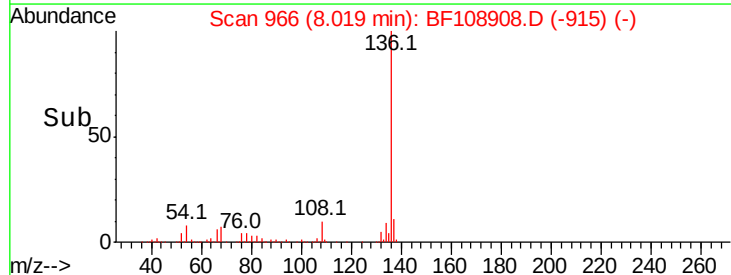
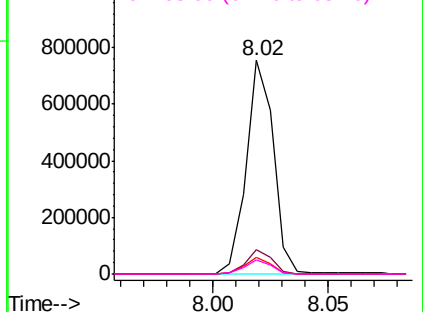
137 11.1 8.9 13.3

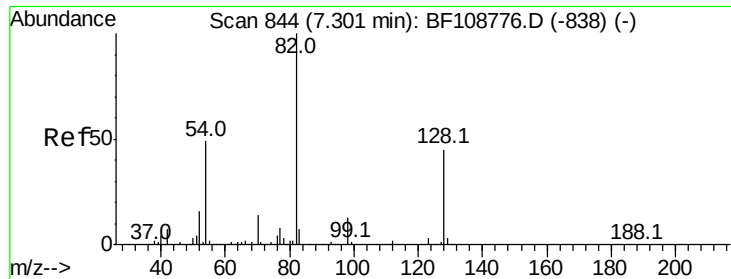
54 7.8 6.6 9.8

68 6.9 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

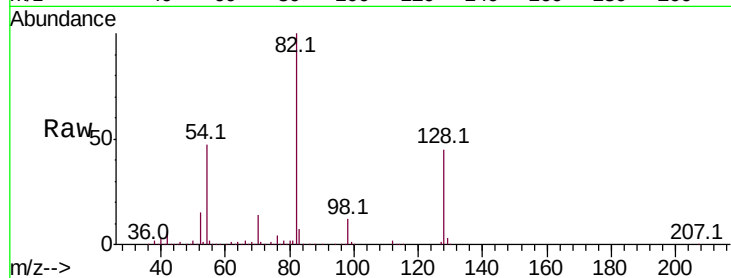




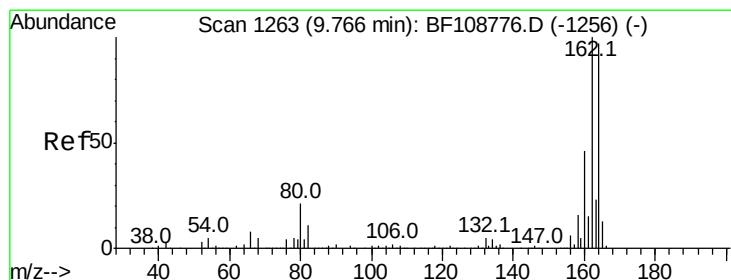
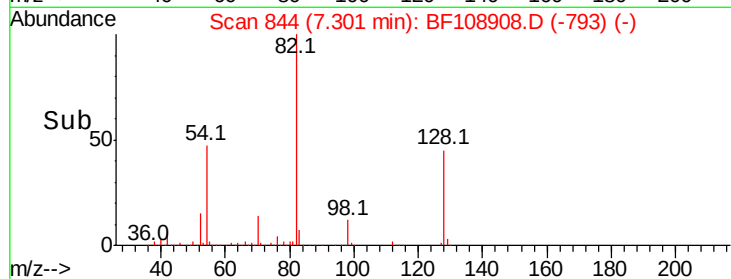
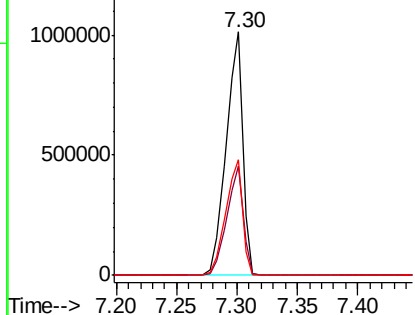
#23
Nitrobenzene-d5
Concen: 97.572 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108908.D
Acq: 10 Sep 2018 22:05

Instrument :
BNA_F
ClientSampleId :
P001-GW001-01

Tot Ion	82	Resp	970019
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	47.4	41.4	62.2

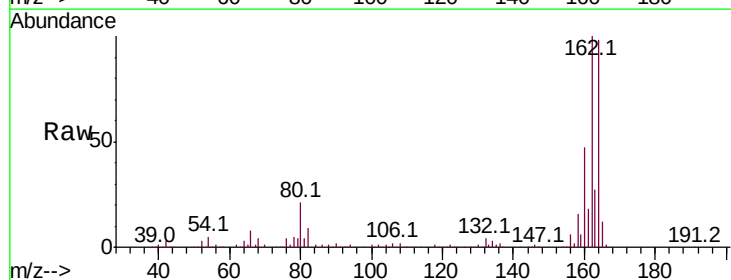


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

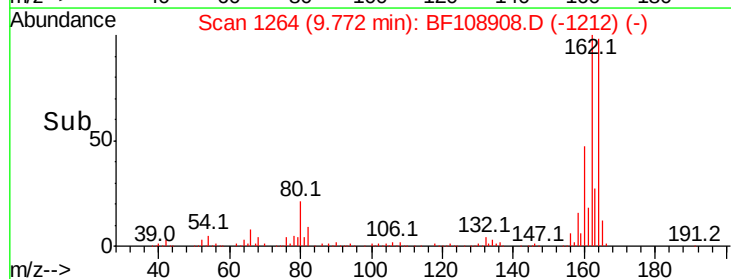
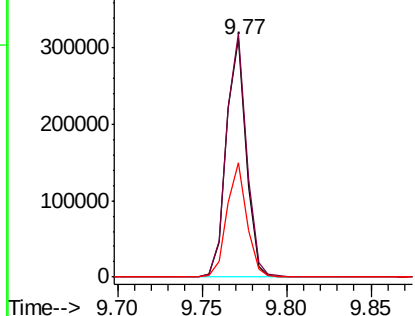


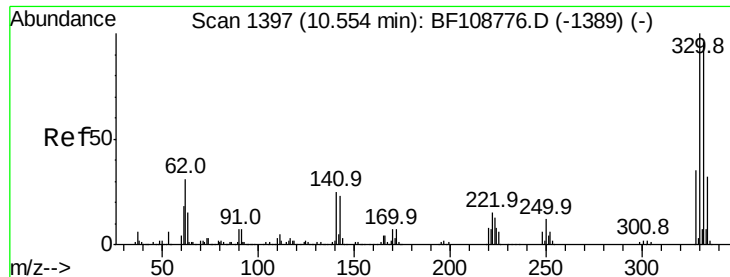
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF108908.D
Acq: 10 Sep 2018 22:05

Tgt Ion	164	Resp	254981
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>86.1</td> <td></td> <td></td>	86.1		
Upper <td>129.1</td> <td></td> <td></td>	129.1		
162	102.3	38.3	57.5
160	47.9		



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

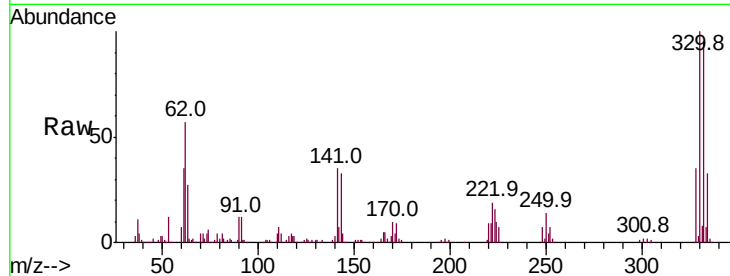




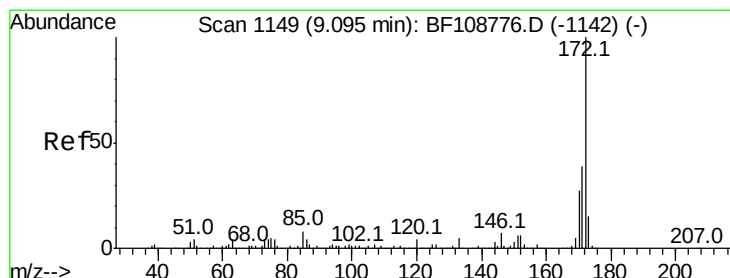
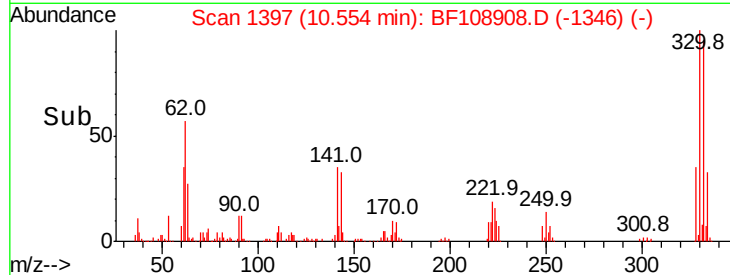
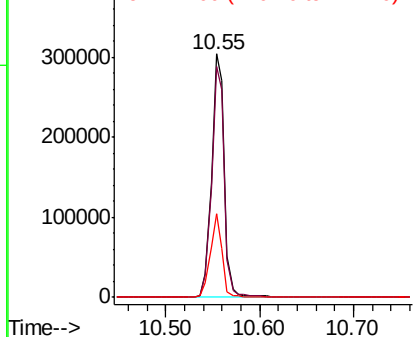
#41
 2,4,6-Tribromophenol
 Concen: 120.399 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108908.D
 Acq: 10 Sep 2018 22:05

Instrument :
 BNA_F
 ClientSampleId :
 P001-GW001-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	31.9	29.9	44.9

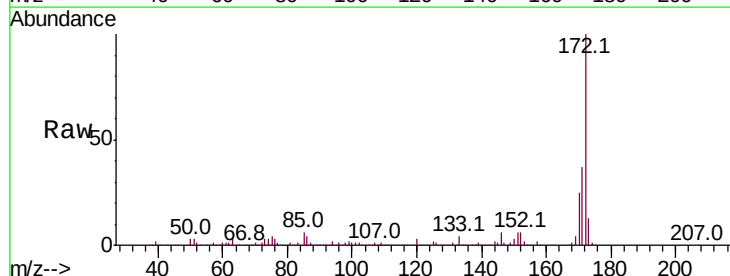


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

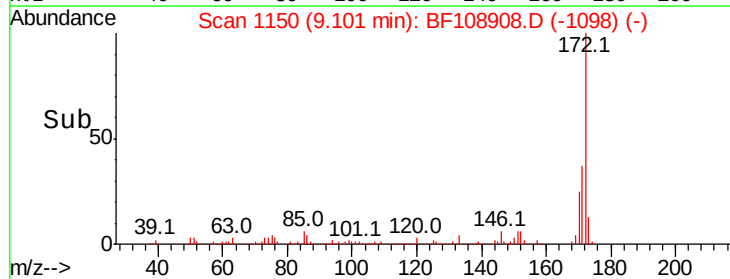
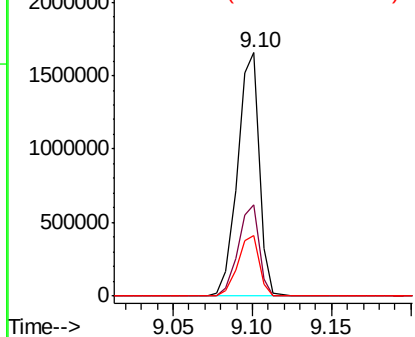


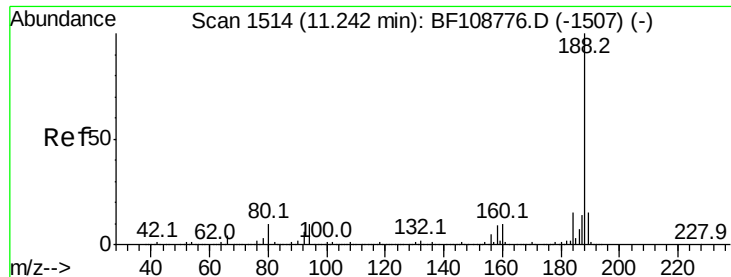
#44
 2-Fluorobiphenyl
 Concen: 105.366 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF108908.D
 Acq: 10 Sep 2018 22:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	25.0	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

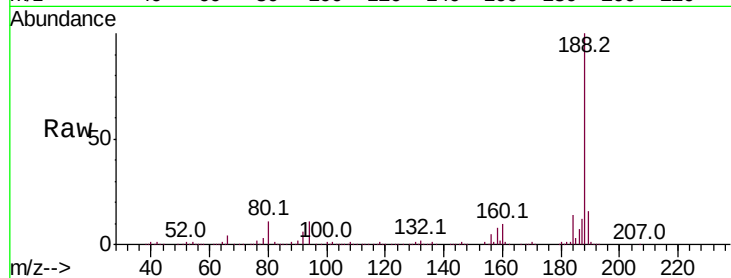




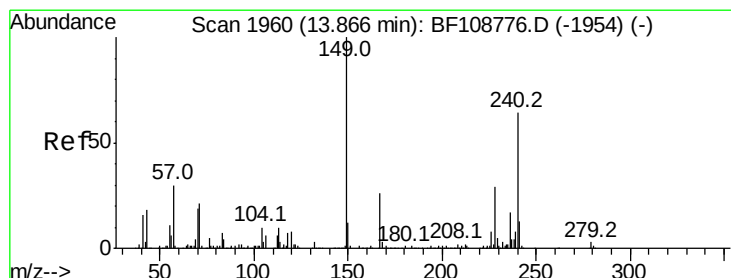
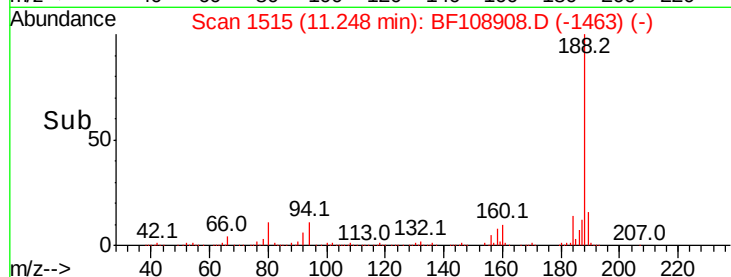
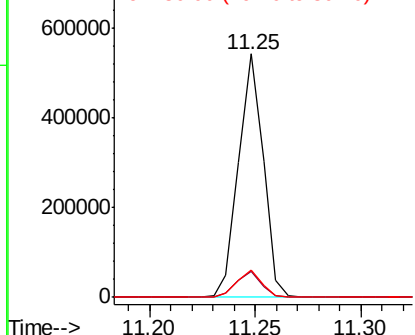
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108908.D
Acq: 10 Sep 2018 22:05

Instrument :
BNA_F
ClientSampleId :
P001-GW001-01

Tot Ion:188 Resp: 439050
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.1 9.2 13.8

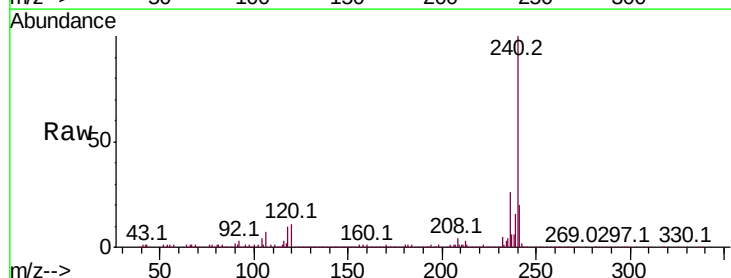


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

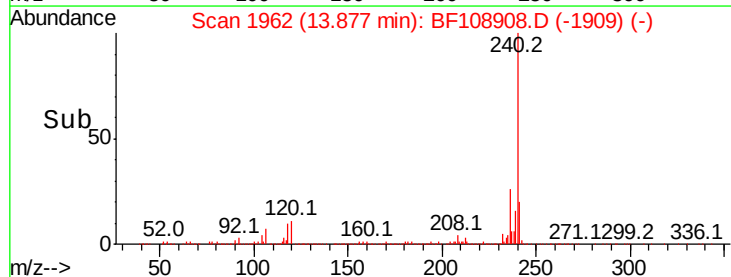
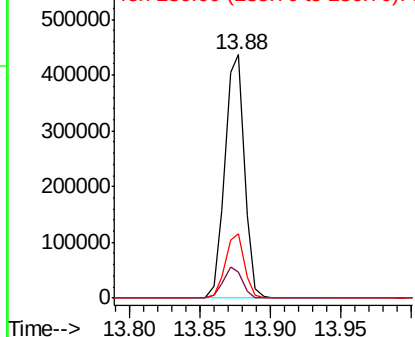


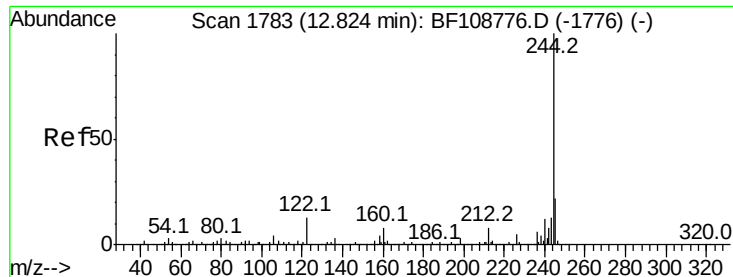
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BF108908.D
Acq: 10 Sep 2018 22:05

Tgt Ion:240 Resp: 421807
Ion Ratio Lower Upper
240 100
120 10.9 9.5 14.3
236 26.5 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: 78.678 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108908.D

Acq: 10 Sep 2018 22:05

Instrument :

BNA_F

ClientSampleId :

P001-GW001-01

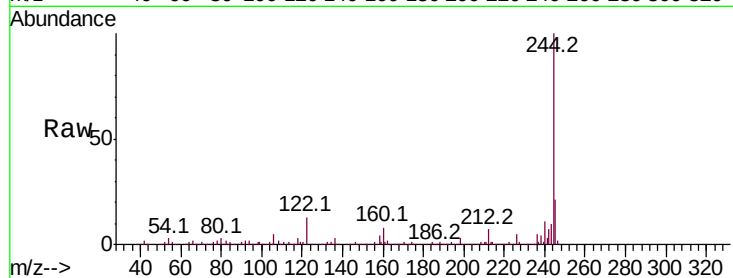
Tot Ion:244 Resp: 1423170

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

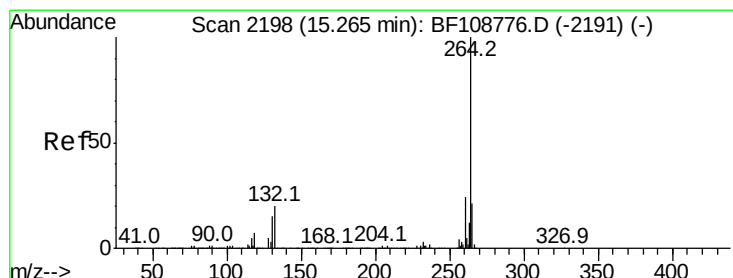
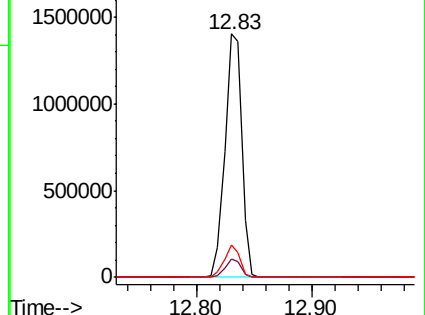
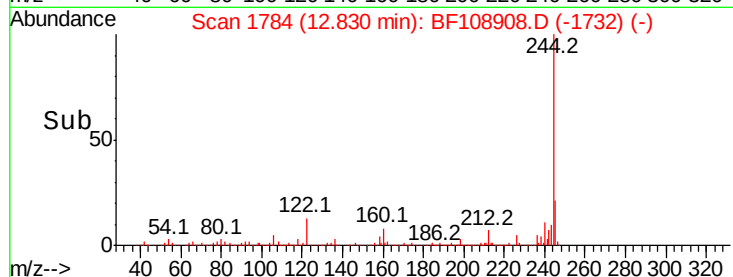
122 13.3 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2201

Delta R.T. 0.02 min

Lab File: BF108908.D

Acq: 10 Sep 2018 22:05

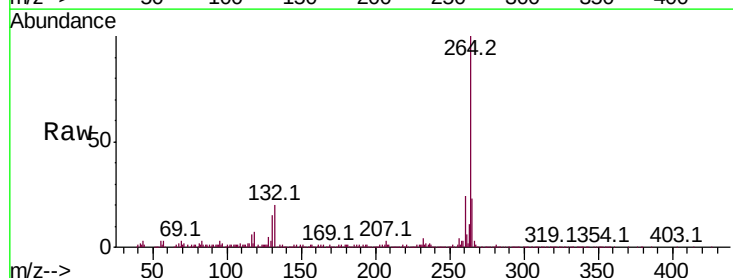
Tgt Ion:264 Resp: 280037

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.5 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

