

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF109000.D
 Acq On : 14 Sep 2018 17:42
 Operator : JU/SJ
 Sample : J4882-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 28570

Quant Time: Sep 14 18:32:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	156375	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	588857	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	280098	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	519260	20.00	ng	0.00
75) Chrysene-d12	13.85	240	367572	20.00	ng	-0.01
86) Perylene-d12	15.25	264	397171	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	54934	5.83	ng	-0.01
7) Phenol-d6	6.34	99	42449	3.50	ng	-0.02
23) Nitrobenzene-d5	7.27	82	103772	9.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	41906	13.79	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	205960	11.52	ng	0.00
78) Terphenyl-d14	12.81	244	177370	11.44	ng	0.00

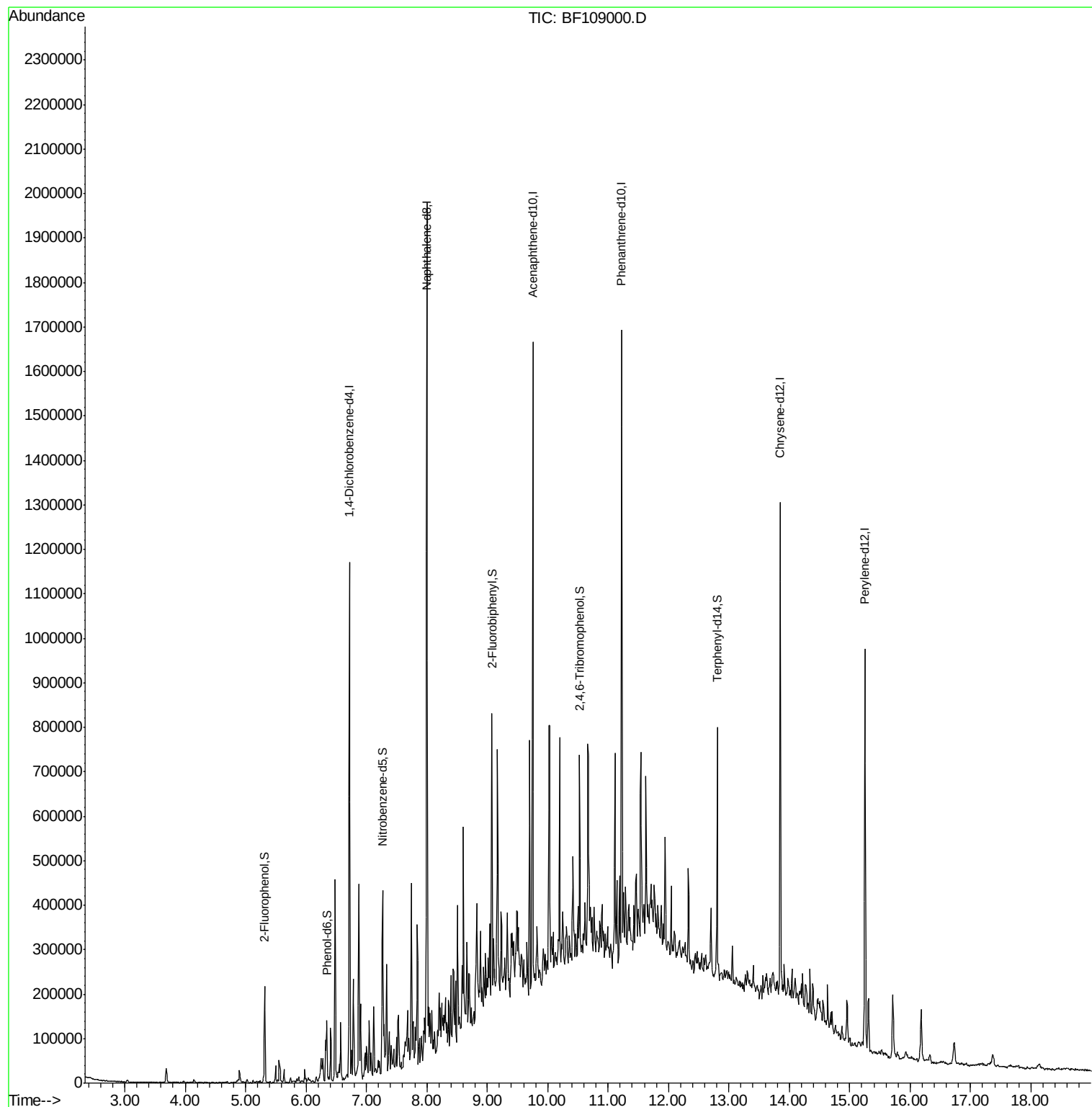
Target Compounds Qvalue

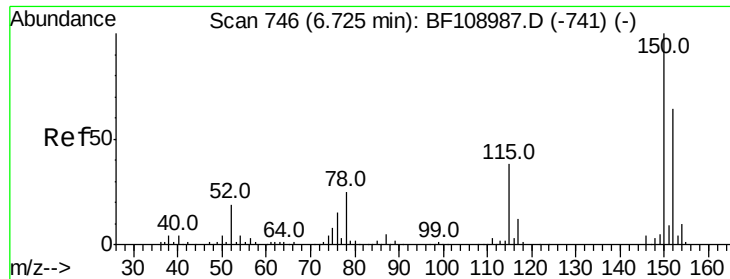
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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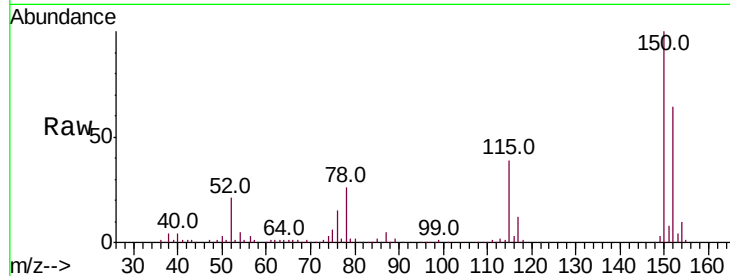


#1

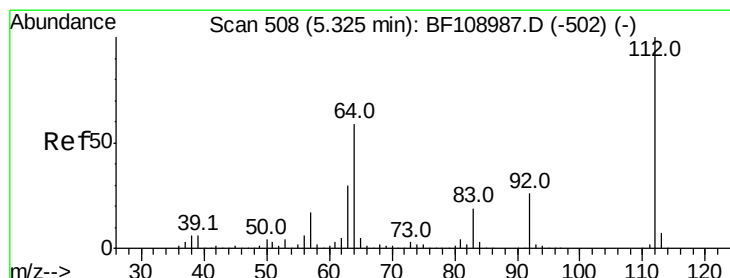
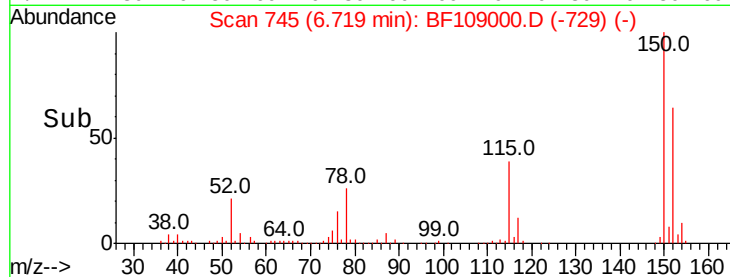
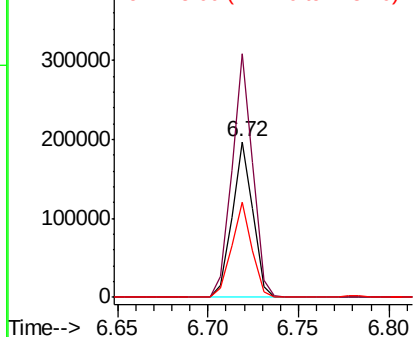
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109000.D
Acq: 14 Sep 2018 17:42

Instrument :
BNA_F
ClientSampleId :
28570

Tot Ion:152 Resp: 156375
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 60.7 50.1 75.1



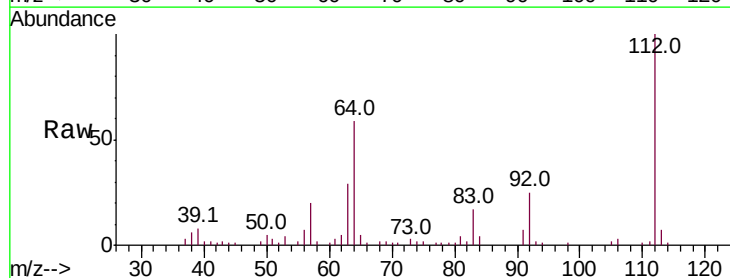
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



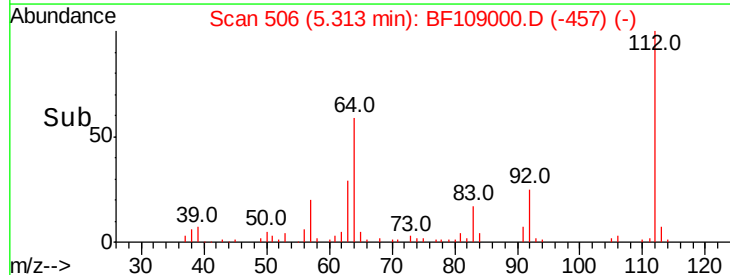
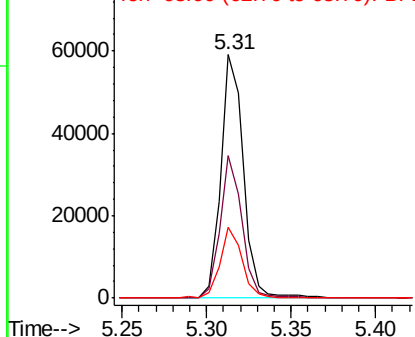
#5

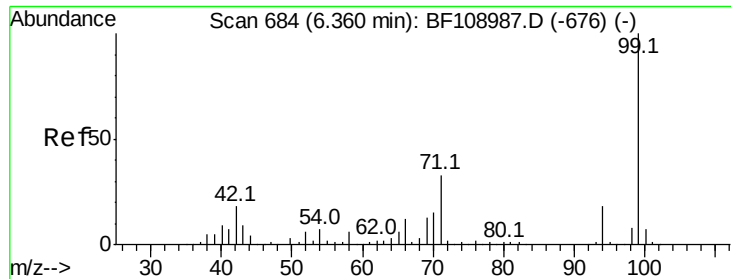
2-Fluorophenol
Concen: 5.835 ng
RT: 5.31 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF109000.D
Acq: 14 Sep 2018 17:42

Tgt Ion:112 Resp: 54934
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 29.0 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: 3.497 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109000.D

Acq: 14 Sep 2018 17:42

Instrument :

BNA_F

ClientSampleId :

28570

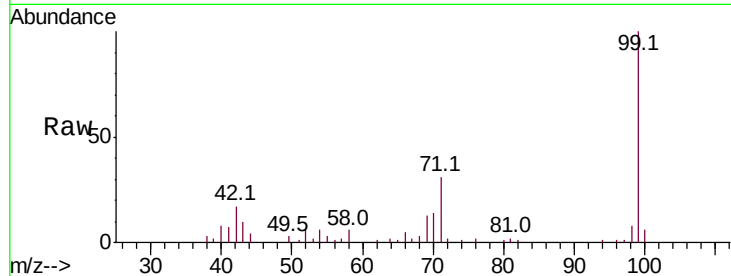
Tot Ion: 99 Resp: 42449

Ion Ratio Lower Upper

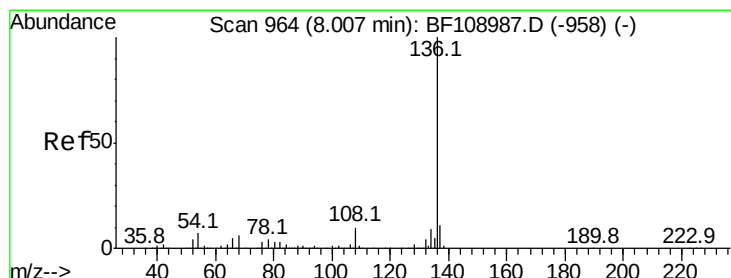
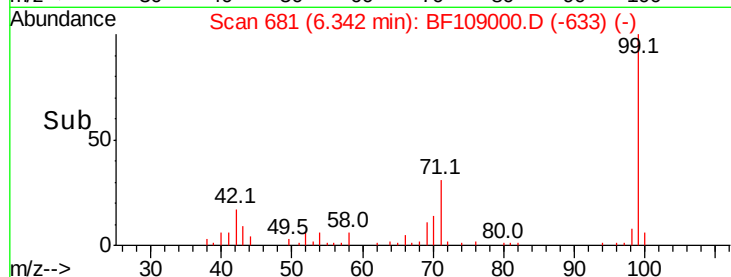
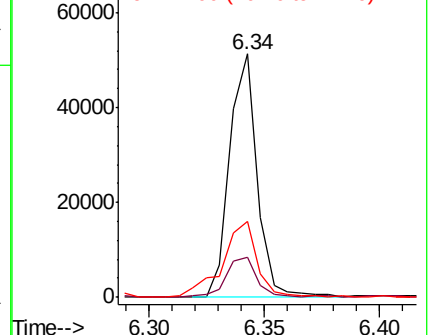
99 100

42 16.6 14.5 21.7

71 31.2 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: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109000.D

Acq: 14 Sep 2018 17:42

Tgt Ion: 136 Resp: 588857

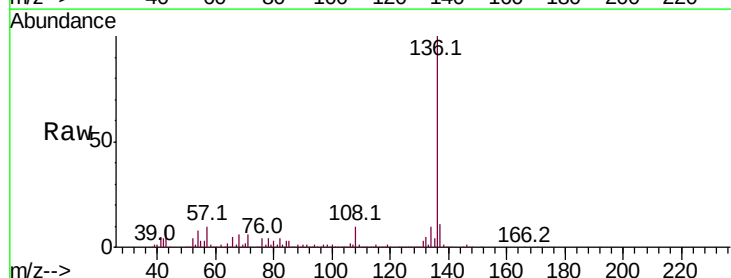
Ion Ratio Lower Upper

136 100

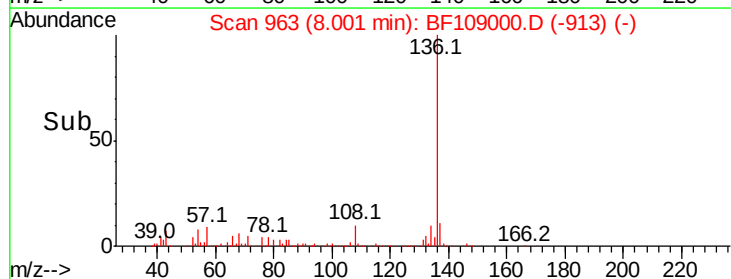
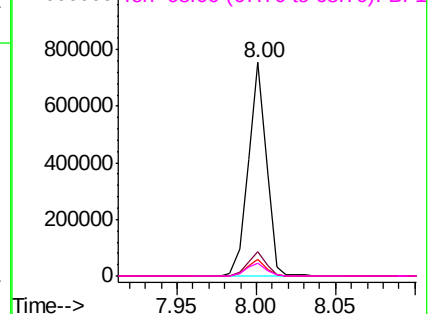
137 11.1 8.9 13.3

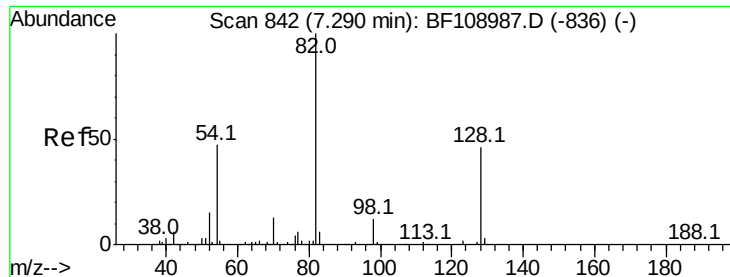
54 7.6 6.6 9.8

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

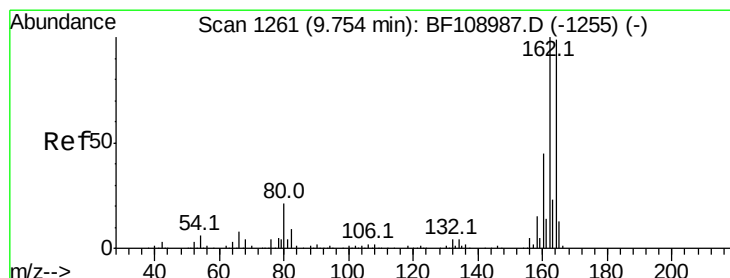
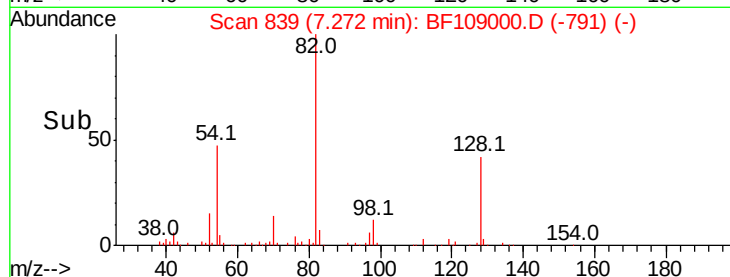
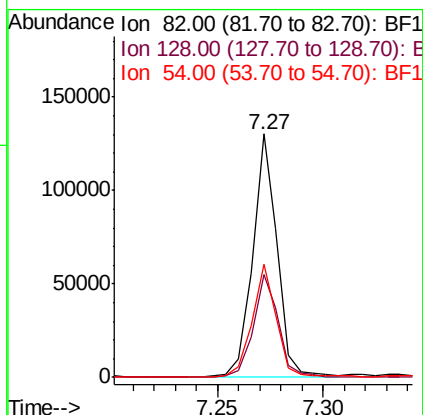
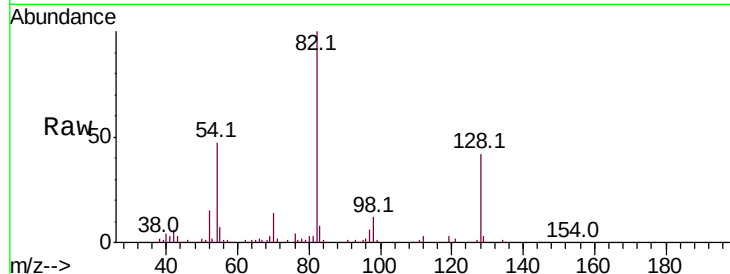




#23
 Nitrobenzene-d5
 Concen: 9.884 ng
 RT: 7.27 min Scan# 839
 Delta R.T. -0.02 min
 Lab File: BF109000.D
 Acq: 14 Sep 2018 17:42

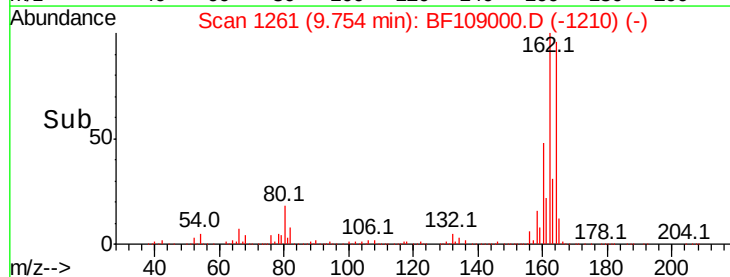
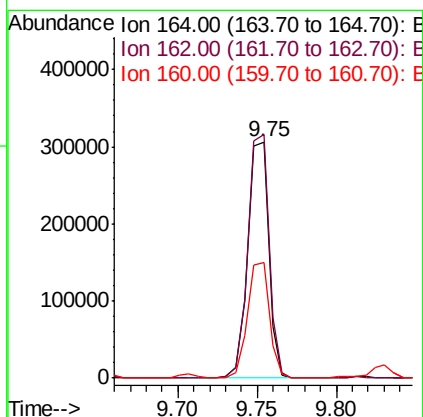
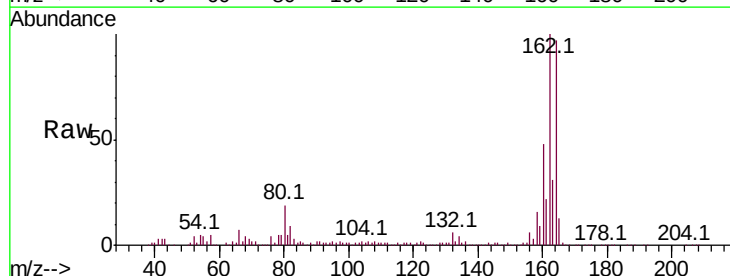
Instrument :
 BNA_F
 ClientSampleId :
 28570

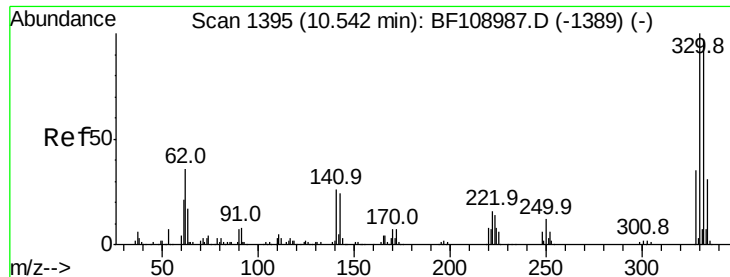
Tot Ion	82	Resp	103772
Ion Ratio	Lower	Upper	
82	100		
128	42.3	36.1	54.1
54	46.6	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF109000.D
 Acq: 14 Sep 2018 17:42

Tgt Ion	164	Resp	280098
Ion Ratio	Lower	Upper	
164	100		
162	103.1	86.1	129.1
160	49.1	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 13.786 ng

RT: 10.53 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF109000.D

Acq: 14 Sep 2018 17:42

Instrument :

BNA_F

ClientSampleId :

28570

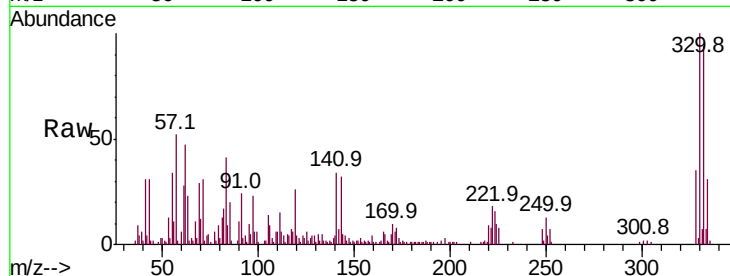
Tot Ion:330 Resp: 41906

Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.6

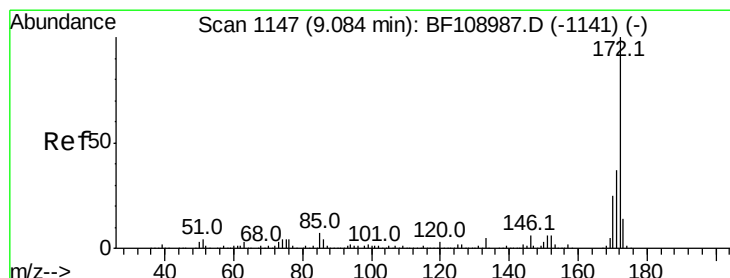
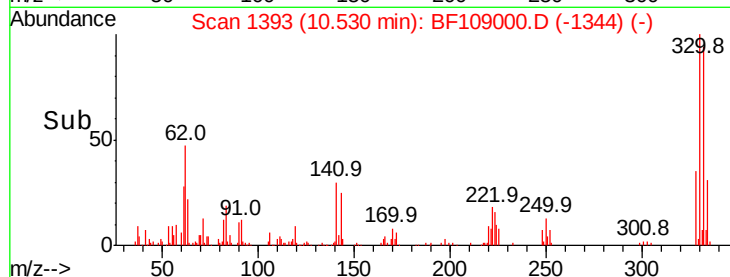
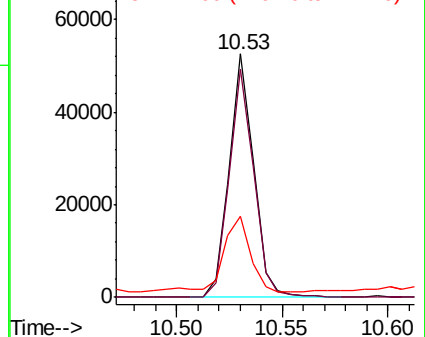
141 34.8 29.9 44.9



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: 11.520 ng

RT: 9.08 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF109000.D

Acq: 14 Sep 2018 17:42

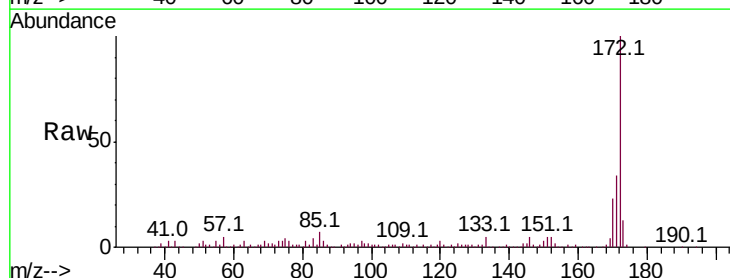
Tgt Ion:172 Resp: 205960

Ion Ratio Lower Upper

172 100

171 34.5 29.7 44.5

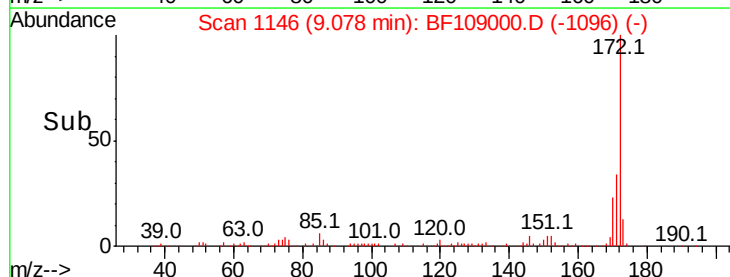
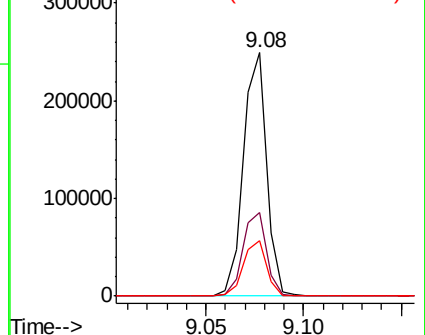
170 22.9 19.6 29.4

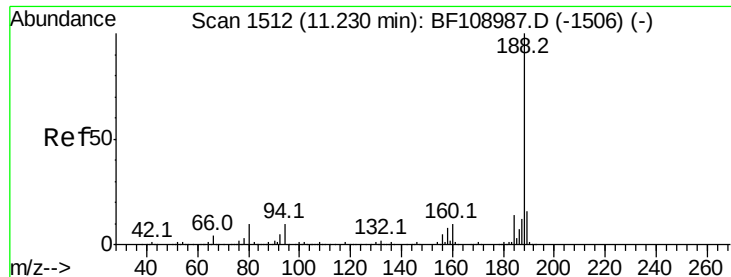


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

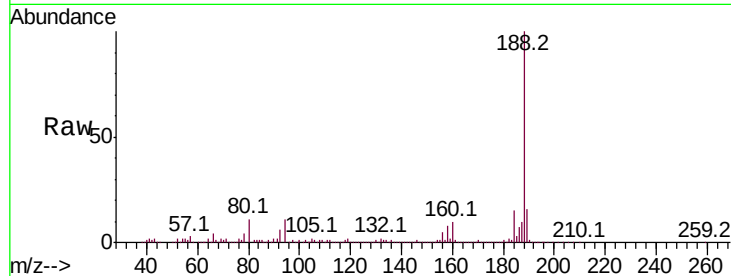




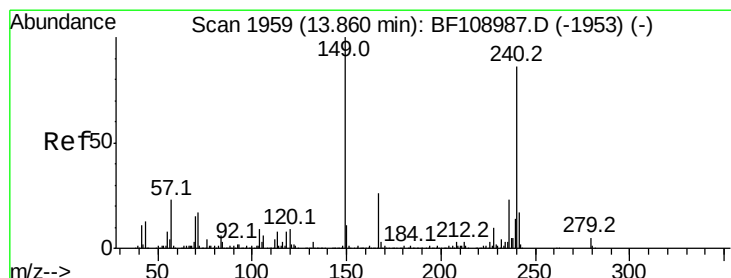
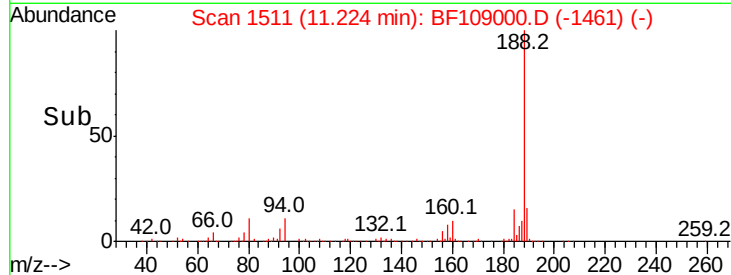
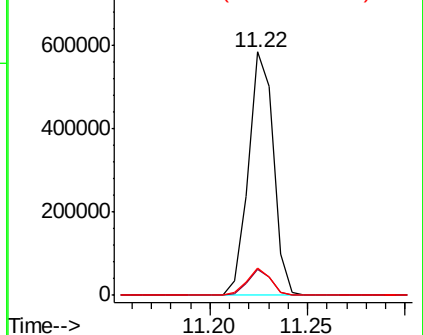
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109000.D
Acq: 14 Sep 2018 17:42

Instrument :
BNA_F
ClientSampleId :
28570

Tot Ion:188 Resp: 519260
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.3 9.2 13.8

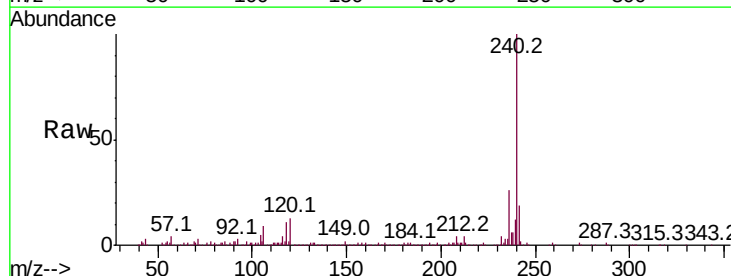


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

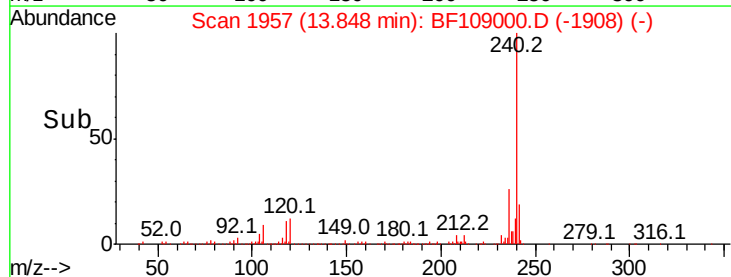
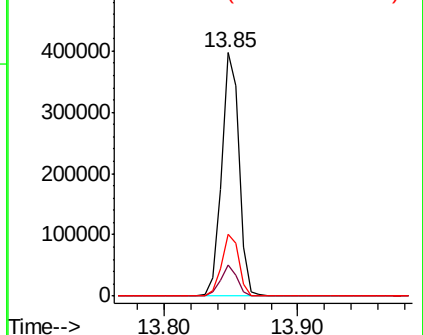


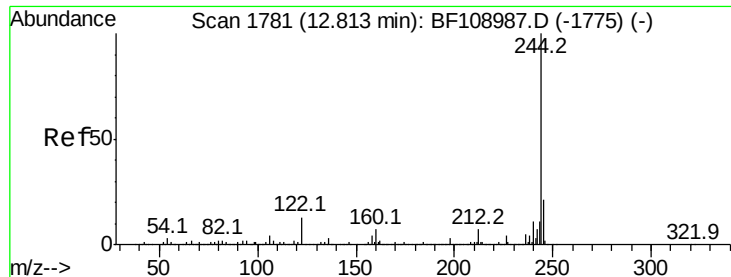
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109000.D
Acq: 14 Sep 2018 17:42

Tgt Ion:240 Resp: 367572
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 25.5 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

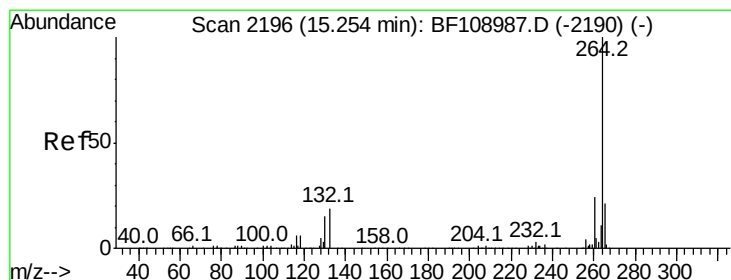
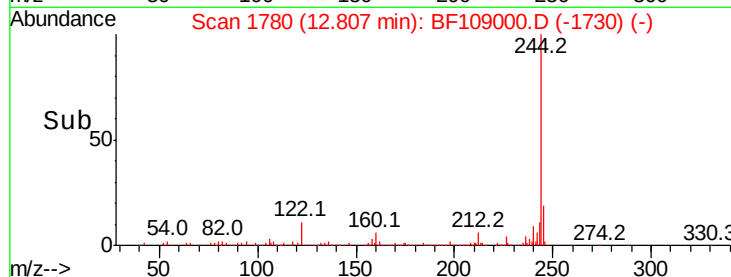
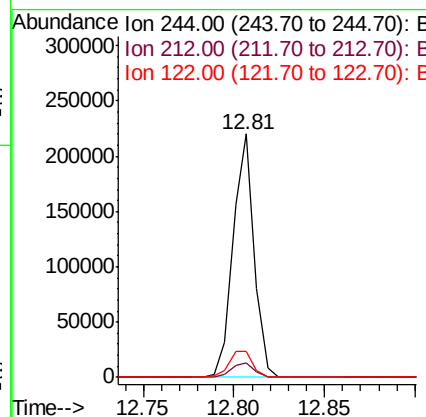
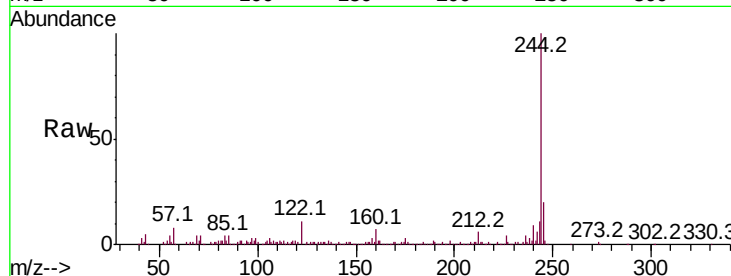




#78
 Terphenyl-d14
 Concen: 11.438 ng
 RT: 12.81 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BF109000.D
 Acq: 14 Sep 2018 17:42

Instrument :
 BNA_F
 ClientSampleId :
 28570

Tot Ion:244 Resp: 177370
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.0
 122 10.8 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF109000.D
 Acq: 14 Sep 2018 17:42

Tgt Ion:264 Resp: 397171
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.2 17.5 26.3

