

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109107.D
 Acq On : 18 Sep 2018 20:29
 Operator : JU/SJ
 Sample : J4950-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB32734RT

Quant Time: Sep 19 05:09:45 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	121466	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	399535	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	112690	20.00	ng	0.01
63) Phenanthrene-d10	11.27	188	162152	20.00	ng	0.04
75) Chrysene-d12	13.89	240	255298	20.00	ng	0.03
86) Perylene-d12	15.28	264	306975	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	517505	70.76	ng	0.00
7) Phenol-d6	6.35	99	651674	69.11	ng	0.00
23) Nitrobenzene-d5	7.28	82	384855	54.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	87551	71.59	ng	0.02
44) 2-Fluorobiphenyl	9.08	172	556656	77.39	ng	0.00
78) Terphenyl-d14	12.85	244	403692	37.48	ng	0.04
Target Compounds						
10) Phenol	6.37	94	40372	3.805	ng	92
49) Dimethylphthalate	9.48	163	103759	12.882	ng	# 80

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

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ALS Vial : 17 Sample Multiplier: 1

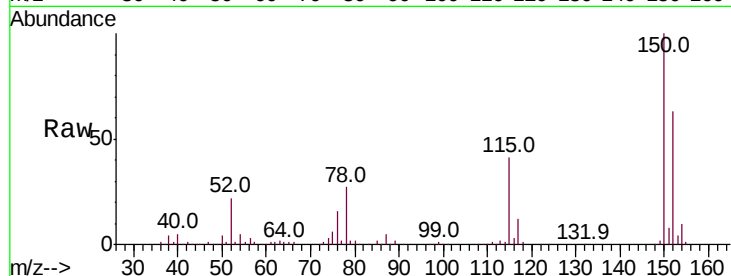


#1

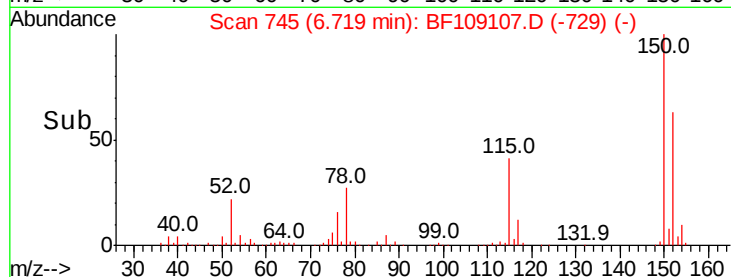
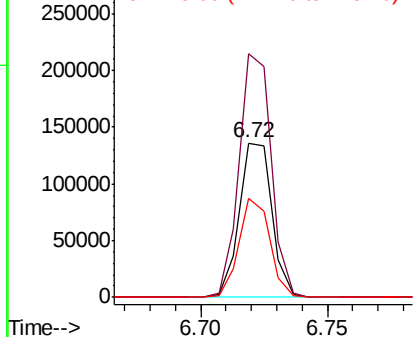
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109107.D
Acq: 18 Sep 2018 20:29

Instrument :
BNA_F
ClientSampleId :
RB32734RT

Tot Ion:152 Resp: 121466
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 64.3 50.1 75.1



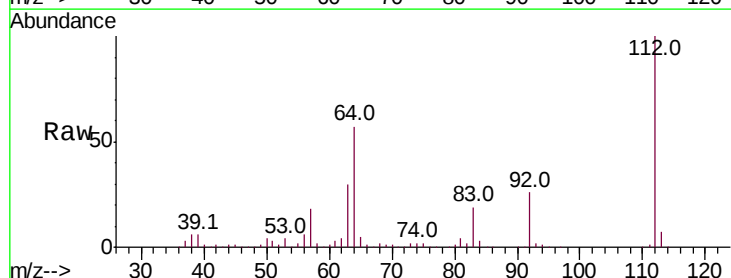
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



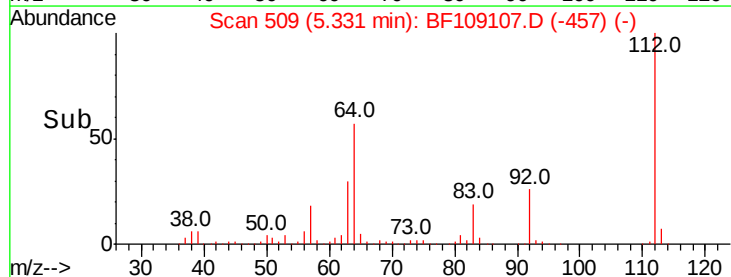
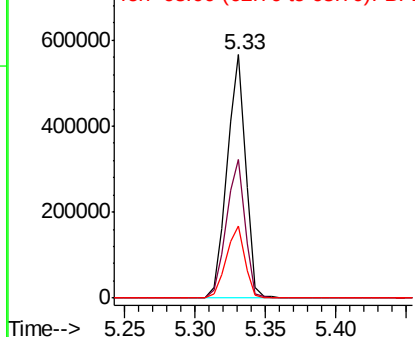
#5

2-Fluorophenol
Concen: 70.762 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109107.D
Acq: 18 Sep 2018 20:29

Tgt Ion:112 Resp: 517505
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 29.6 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: 69.105 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109107.D

Acq: 18 Sep 2018 20:29

Instrument :

BNA_F

ClientSampleId :

RB32734RT

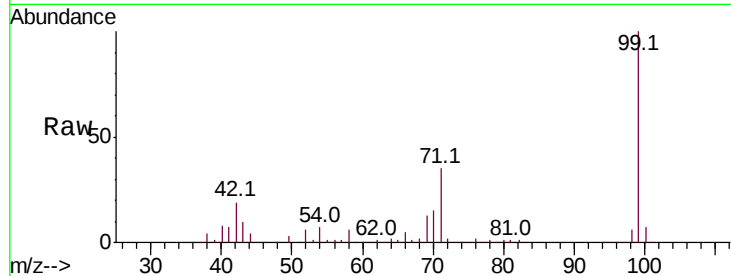
Tot Ion: 99 Resp: 651674

Ion Ratio Lower Upper

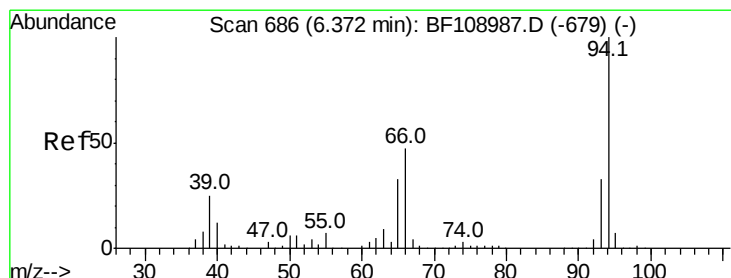
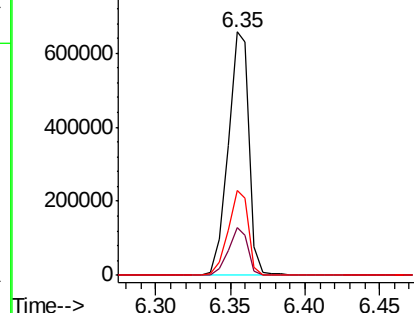
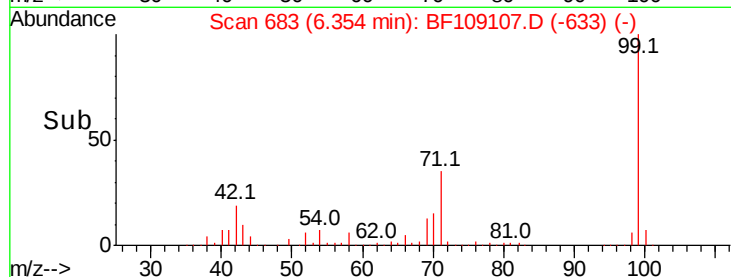
99 100

42 19.4 14.5 21.7

71 34.9 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



#10

Phenol

Concen: 3.805 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF109107.D

Acq: 18 Sep 2018 20:29

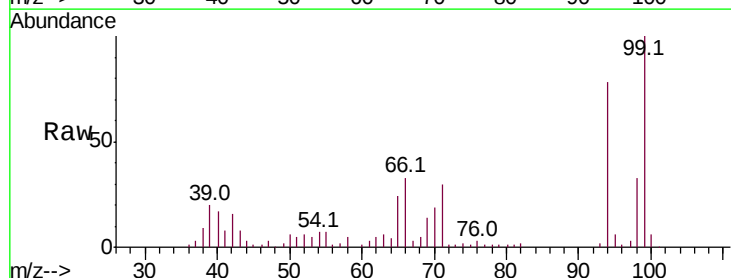
Tgt Ion: 94 Resp: 40372

Ion Ratio Lower Upper

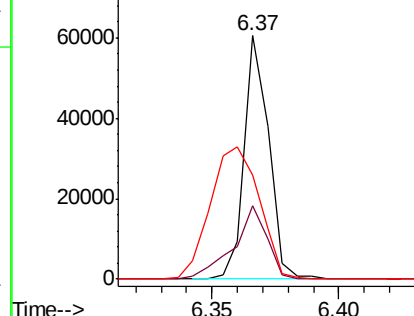
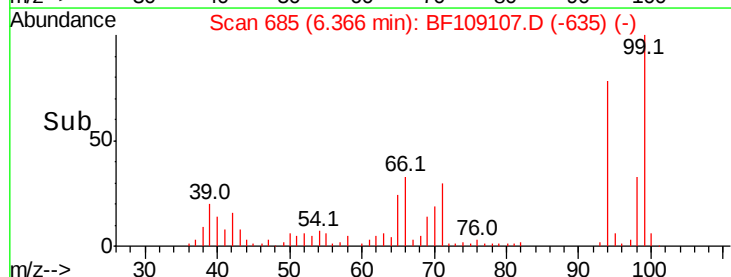
94 100

65 30.2 7.9 47.9

66 42.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109107.D

Acq: 18 Sep 2018 20:29

Instrument :

BNA_F

ClientSampleId :

RB32734RT

Tot Ion:136 Resp: 399535

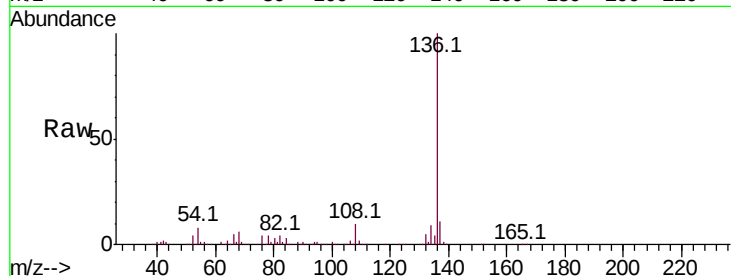
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 7.6 6.6 9.8

68 6.3 5.0 7.4

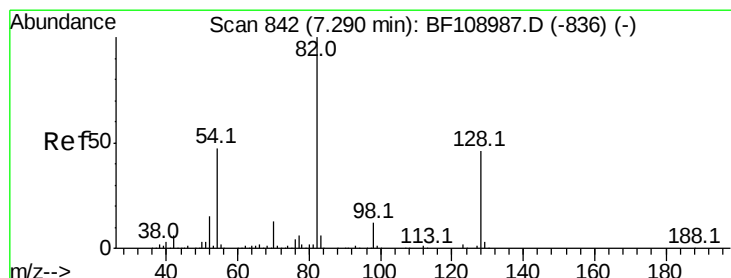
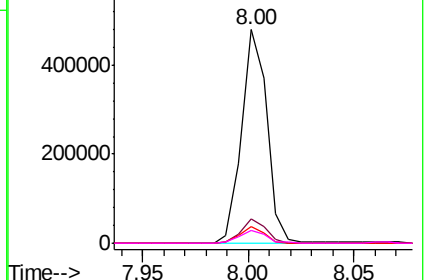
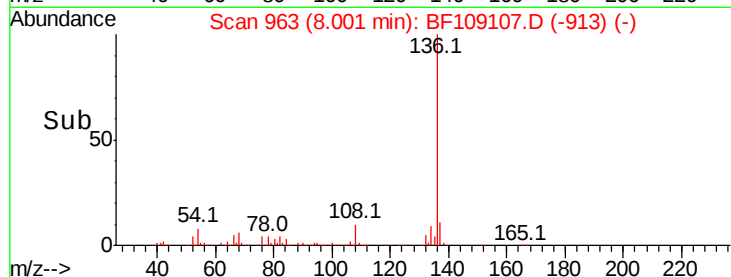


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.027 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109107.D

Acq: 18 Sep 2018 20:29

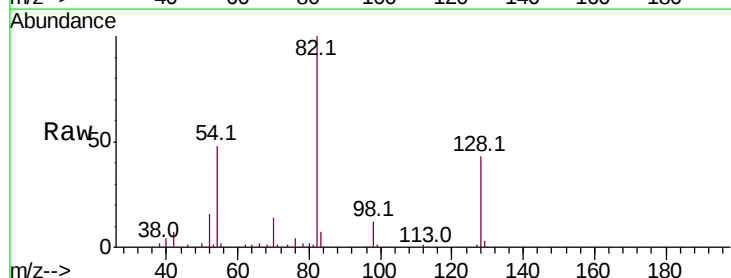
Tgt Ion: 82 Resp: 384855

Ion Ratio Lower Upper

82 100

128 43.1 36.1 54.1

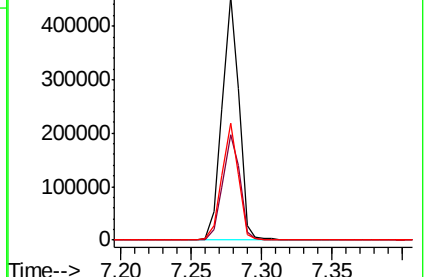
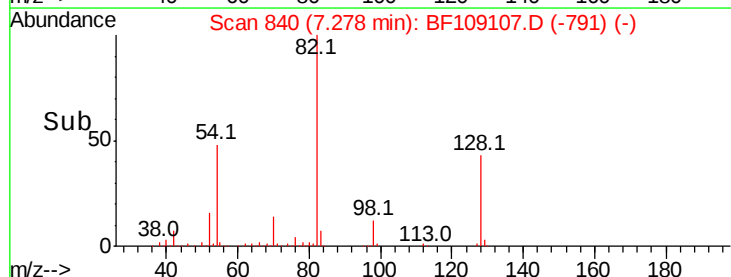
54 47.9 41.4 62.2

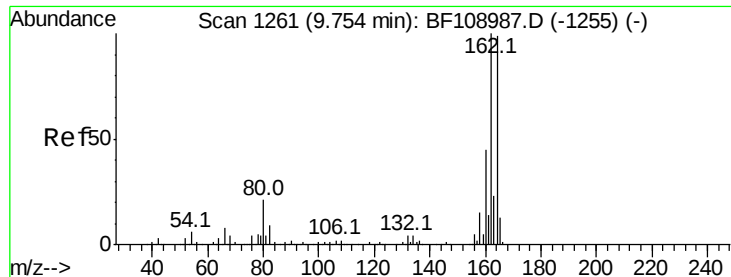


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

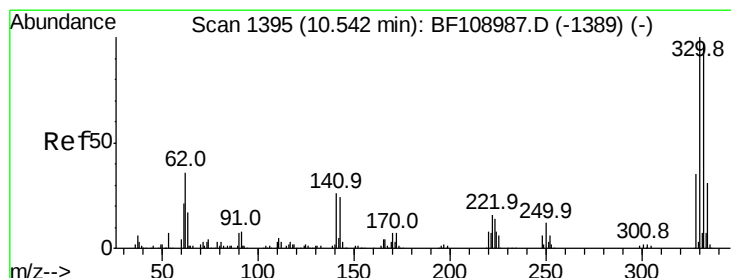
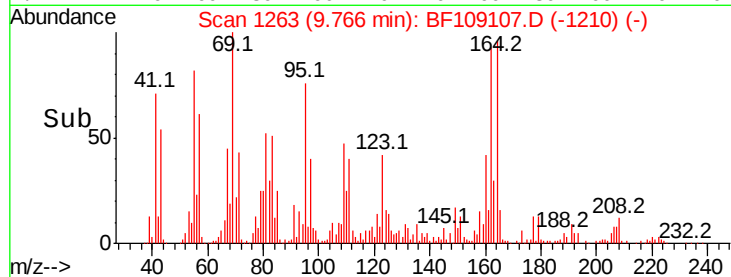
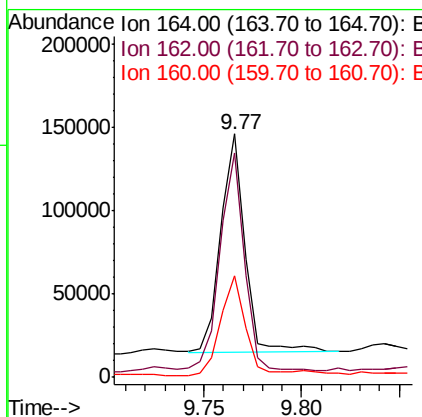
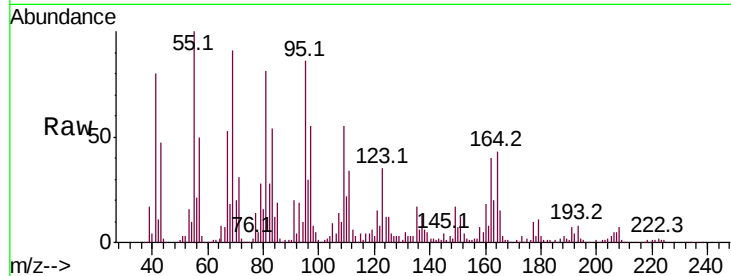




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.01 min
Lab File: BF109107.D
Acq: 18 Sep 2018 20:29

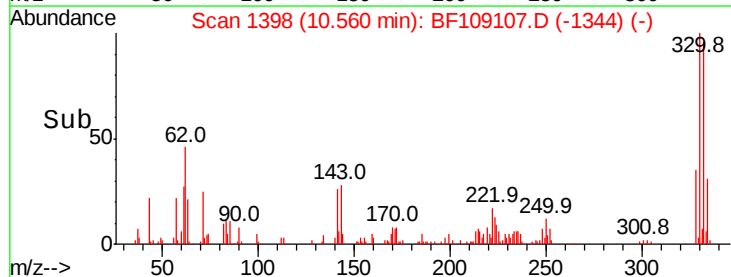
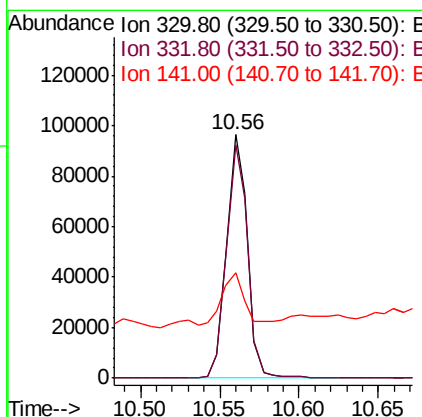
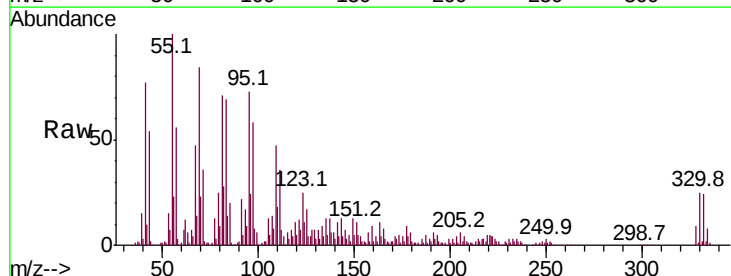
Instrument :
BNA_F
ClientSampleId :
RB32734RT

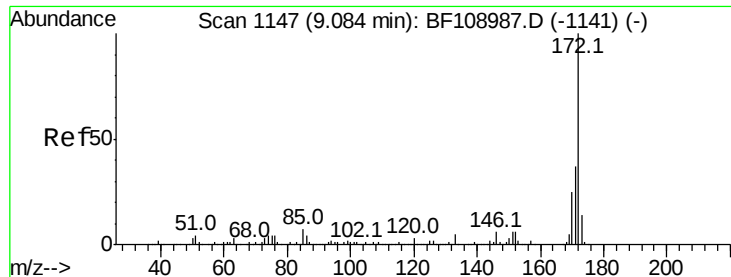
Tot Ion:164 Resp: 112690
Ion Ratio Lower Upper
164 100
162 92.1 86.1 129.1
160 41.6 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 71.588 ng
RT: 10.56 min Scan# 1398
Delta R.T. 0.02 min
Lab File: BF109107.D
Acq: 18 Sep 2018 20:29

Tgt Ion:330 Resp: 87551
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 23.0 29.9 44.9#

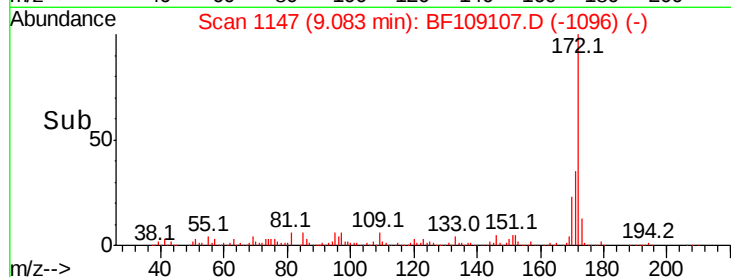
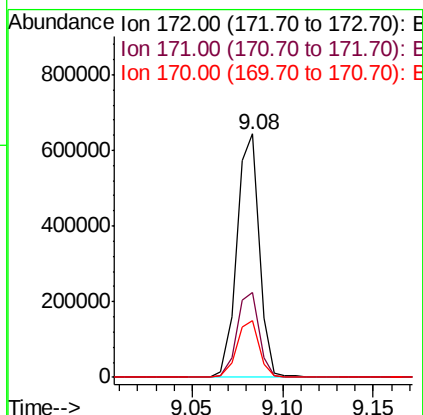
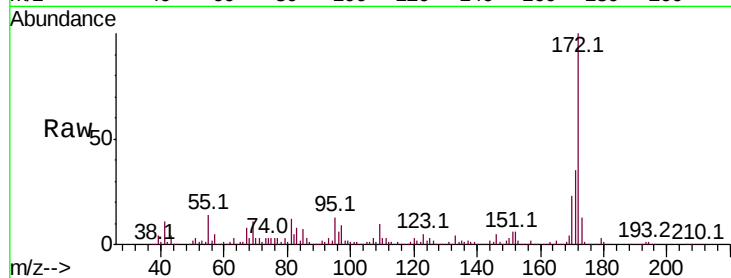




#44
 2-Fluorobiphenyl
 Concen: 77.392 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109107.D
 Acq: 18 Sep 2018 20:29

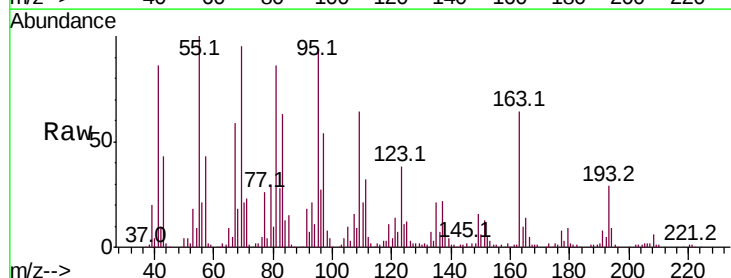
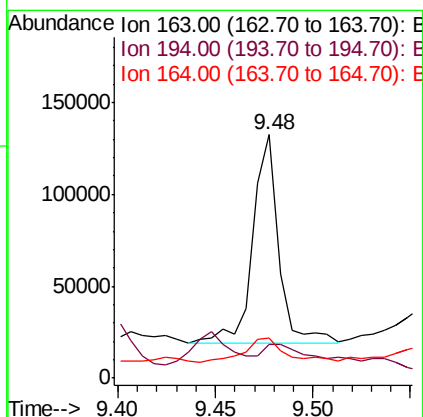
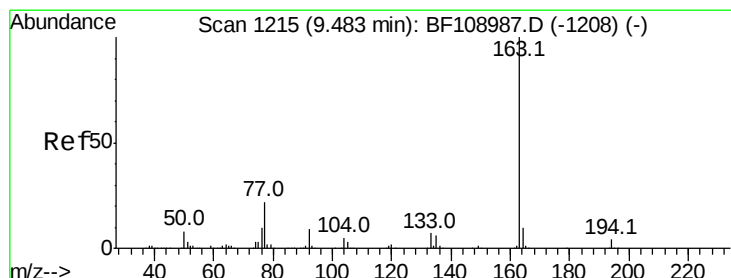
Instrument :
 BNA_F
 ClientSampleId :
 RB32734RT

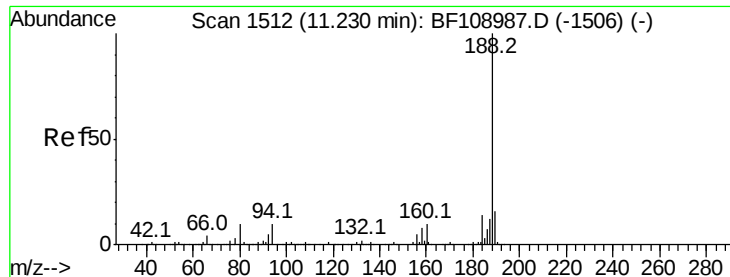
Tot Ion:172 Resp: 556656
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.7 44.5
 170 23.2 19.6 29.4



#49
 Dimethylphthalate
 Concen: 12.882 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF109107.D
 Acq: 18 Sep 2018 20:29

Tgt Ion:163 Resp: 103759
 Ion Ratio Lower Upper
 163 100
 194 13.7 2.7 4.1#
 164 16.3 8.2 12.2#

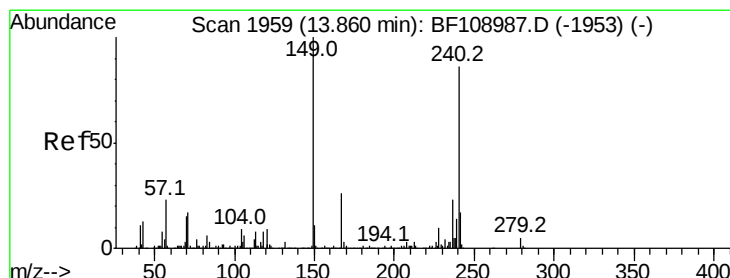
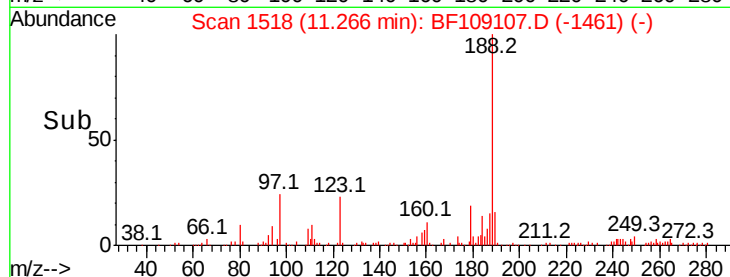
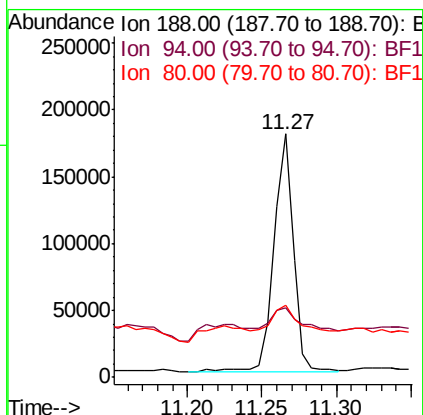
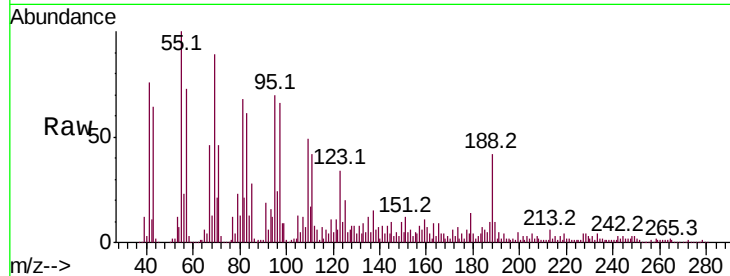




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1518
Delta R.T. 0.04 min
Lab File: BF109107.D
Acq: 18 Sep 2018 20:29

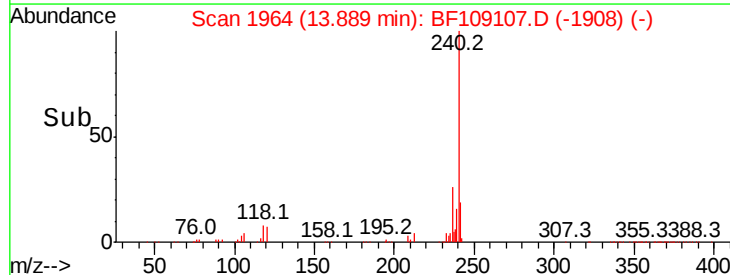
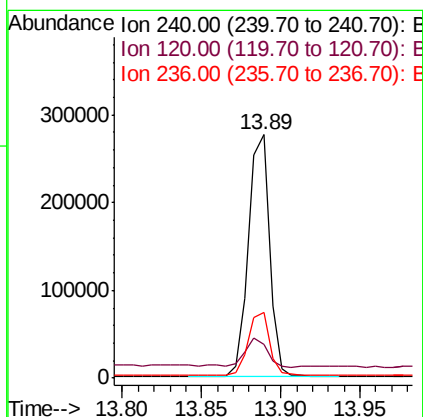
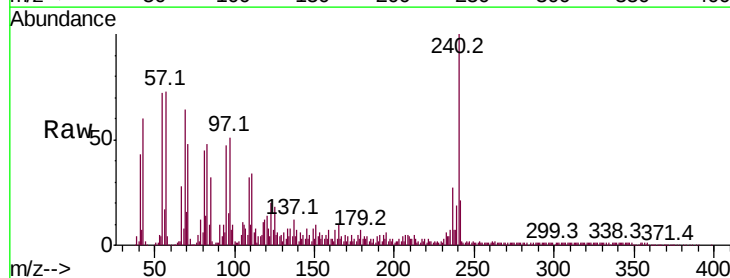
Instrument :
BNA_F
ClientSampleId :
RB32734RT

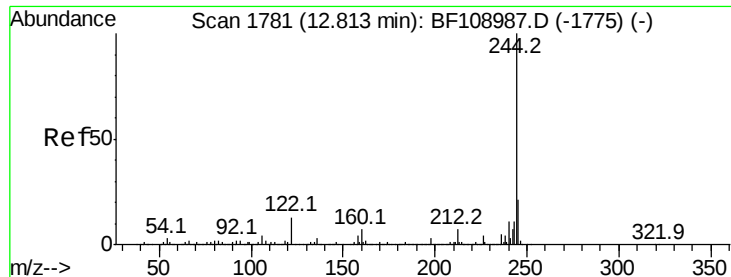
Tot Ion:188 Resp: 162152
Ion Ratio Lower Upper
188 100
94 28.6 8.5 12.7#
80 29.9 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 1964
Delta R.T. 0.03 min
Lab File: BF109107.D
Acq: 18 Sep 2018 20:29

Tgt Ion:240 Resp: 255298
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 27.1 20.7 31.1

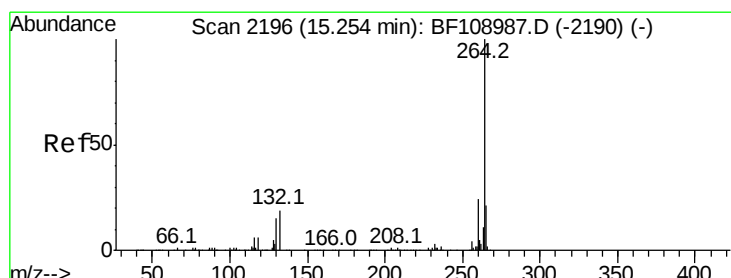
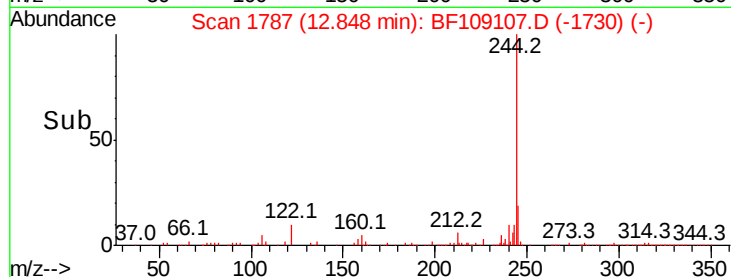
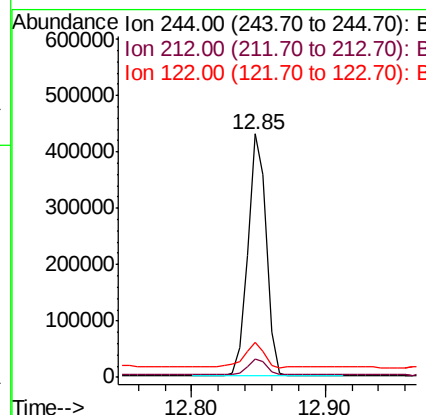
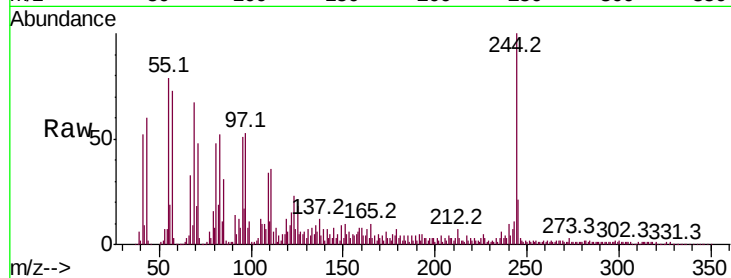




#78
 Terphenyl-d14
 Concen: 37.480 ng
 RT: 12.85 min Scan# 1787
 Delta R.T. 0.04 min
 Lab File: BF109107.D
 Acq: 18 Sep 2018 20:29

Instrument :
 BNA_F
 ClientSampleId :
 RB32734RT

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	14.6	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2200
 Delta R.T. 0.02 min
 Lab File: BF109107.D
 Acq: 18 Sep 2018 20:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	17.5	26.3

