

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109057.D
 Acq On : 17 Sep 2018 19:18
 Operator : JU/SJ
 Sample : J4945-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB47195RT

Quant Time: Sep 18 06:53:02 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	108976	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	374638	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	162532	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	347380	20.00	ng	0.00
75) Chrysene-d12	13.86	240	341490	20.00	ng	0.00
86) Perylene-d12	15.27	264	256864	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	69135	10.54	ng	0.00
7) Phenol-d6	6.34	99	83800	9.90	ng	-0.02
23) Nitrobenzene-d5	7.27	82	47785	7.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	19159	10.86	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	89709	8.65	ng	0.00
78) Terphenyl-d14	12.81	244	108482	7.53	ng	0.00

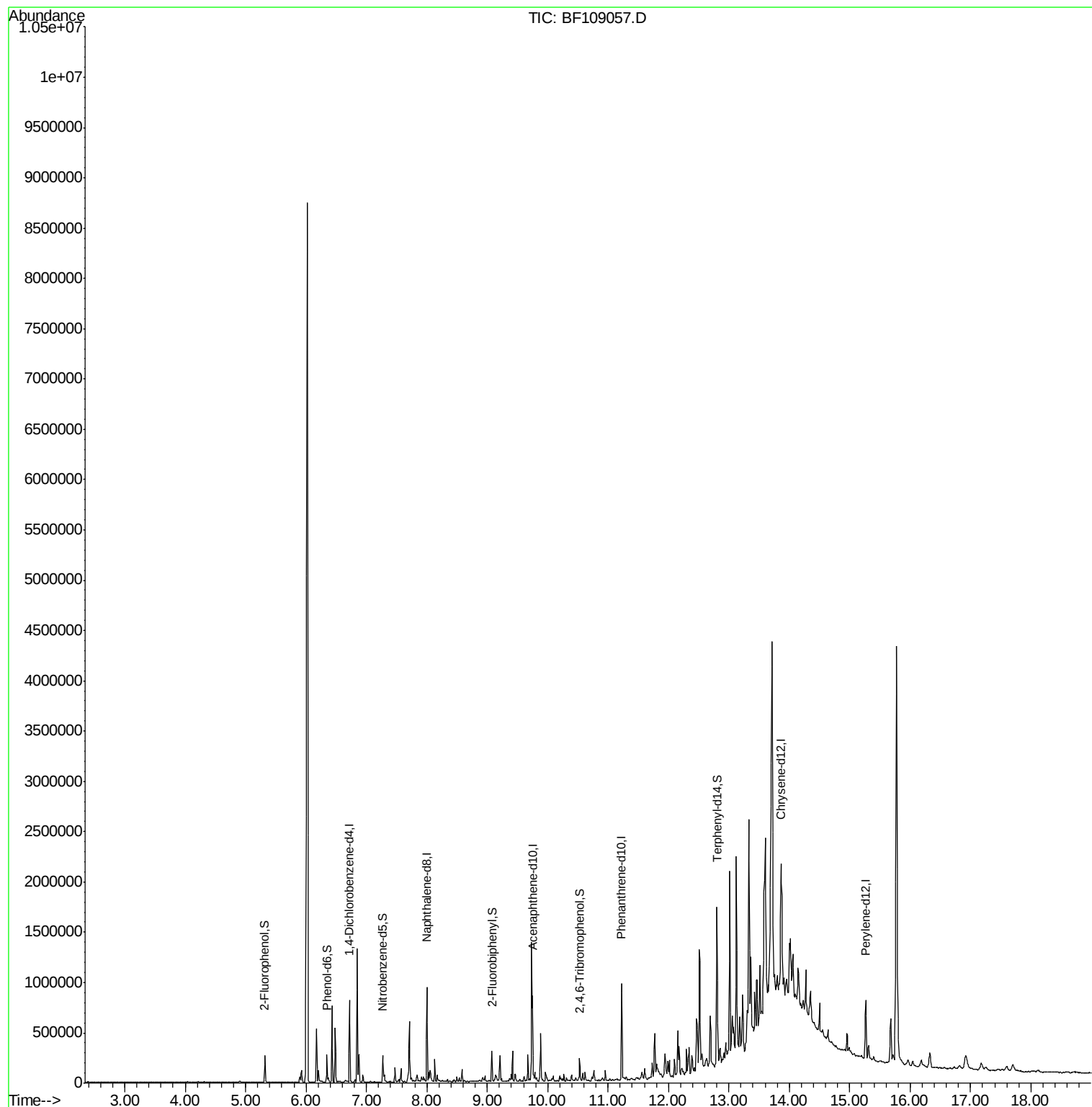
Target Compounds	Qvalue
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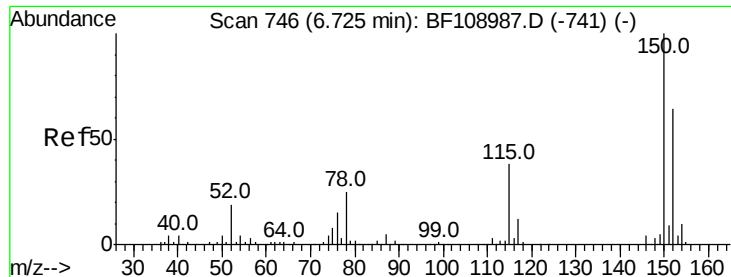
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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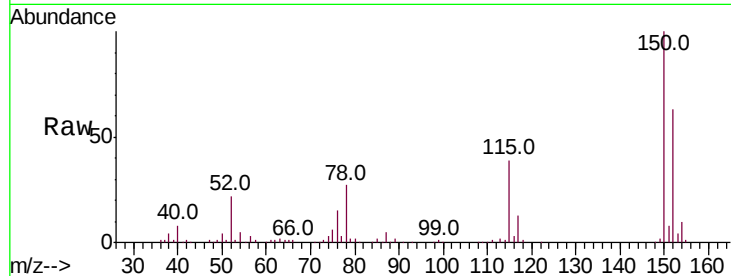


#1

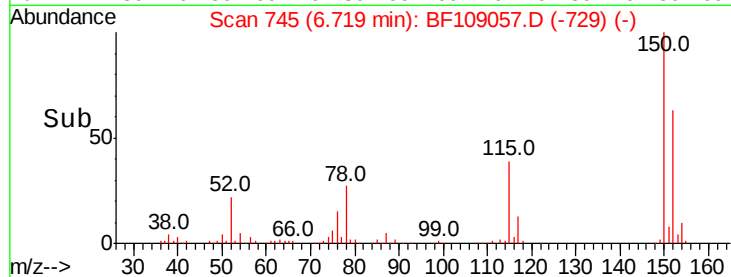
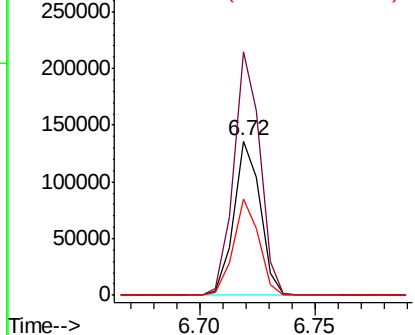
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109057.D
Acq: 17 Sep 2018 19:18

Instrument :
BNA_F
ClientSampleId :
RB47195RT

Tot Ion:152 Resp: 108976
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 62.0 50.1 75.1



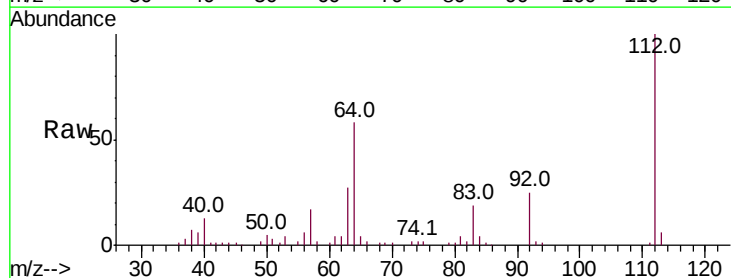
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



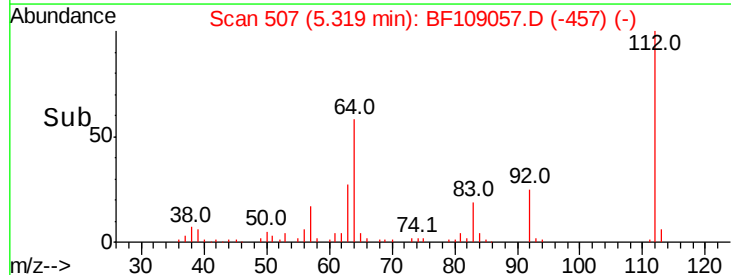
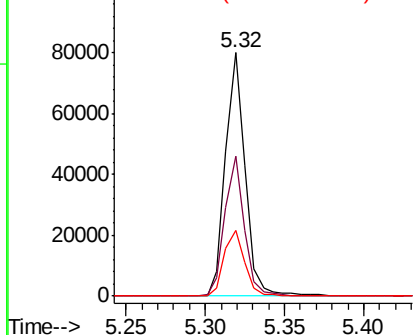
#5

2-Fluorophenol
Concen: 10.537 ng
RT: 5.32 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF109057.D
Acq: 17 Sep 2018 19:18

Tgt Ion:112 Resp: 69135
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 27.2 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: 9.905 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109057.D

Acq: 17 Sep 2018 19:18

Instrument :

BNA_F

ClientSampleId :

RB47195RT

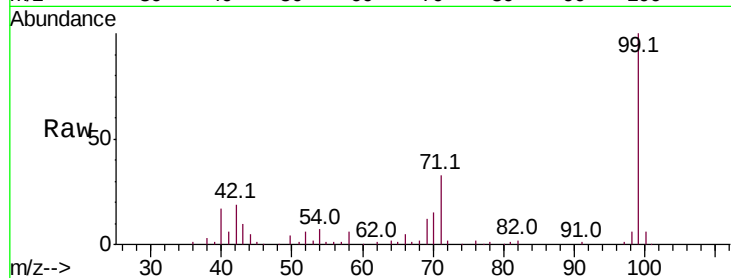
Tot Ion: 99 Resp: 83800

Ion Ratio Lower Upper

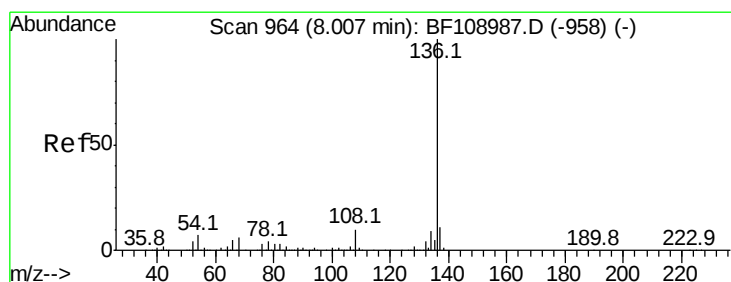
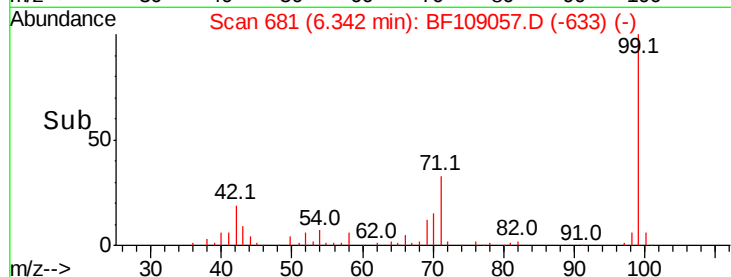
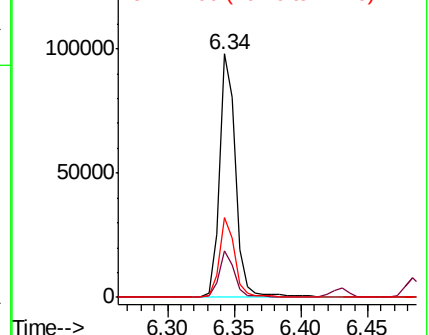
99 100

42 19.1 14.5 21.7

71 32.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109057.D

Acq: 17 Sep 2018 19:18

Tgt Ion: 136 Resp: 374638

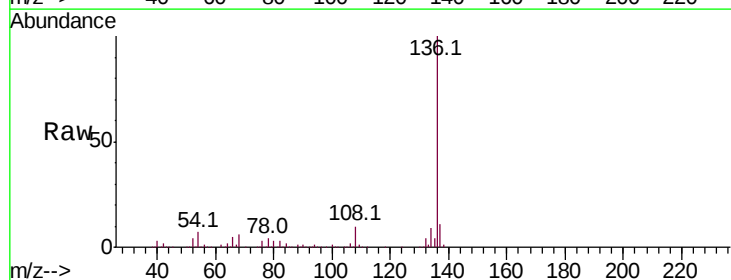
Ion Ratio Lower Upper

136 100

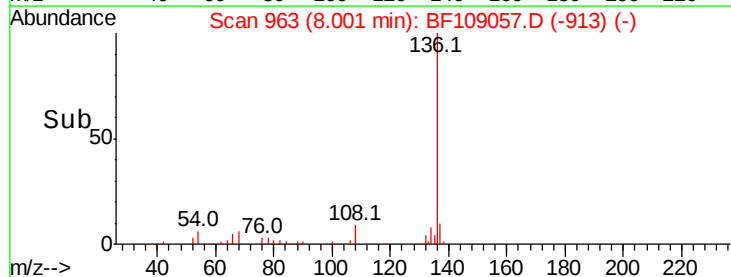
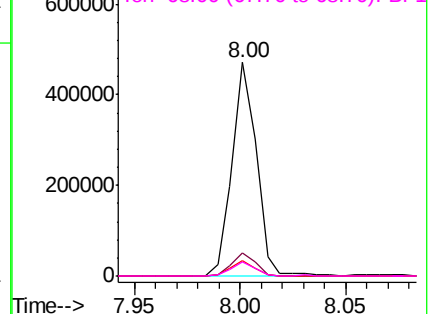
137 10.8 8.9 13.3

54 7.1 6.6 9.8

68 6.4 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

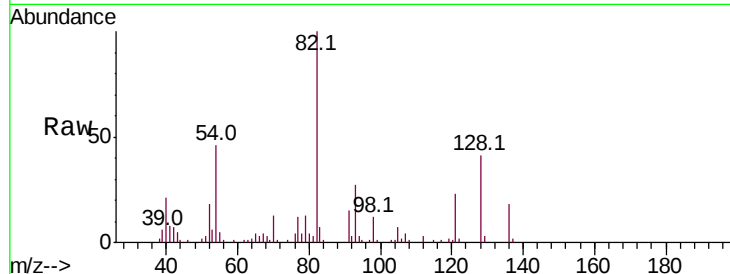




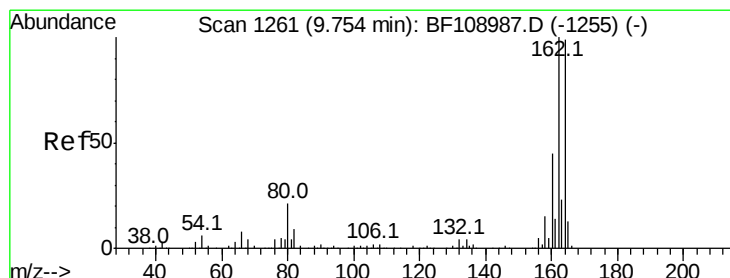
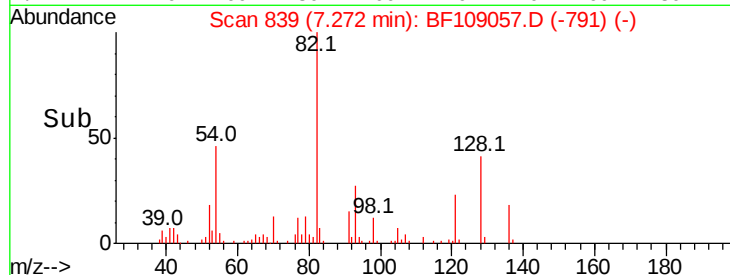
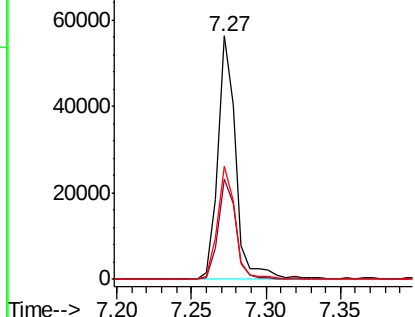
#23
 Nitrobenzene-d5
 Concen: 7.154 ng
 RT: 7.27 min Scan# 839
 Delta R.T. -0.02 min
 Lab File: BF109057.D
 Acq: 17 Sep 2018 19:18

Instrument :
 BNA_F
 ClientSampleId :
 RB47195RT

Tot Ion: 82 Resp: 47785
 Ion Ratio Lower Upper
 82 100
 128 41.0 36.1 54.1
 54 46.2 41.4 62.2

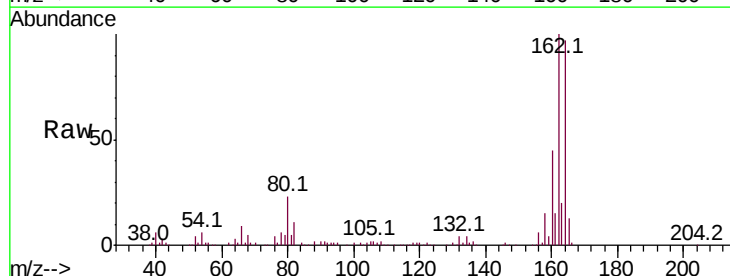


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

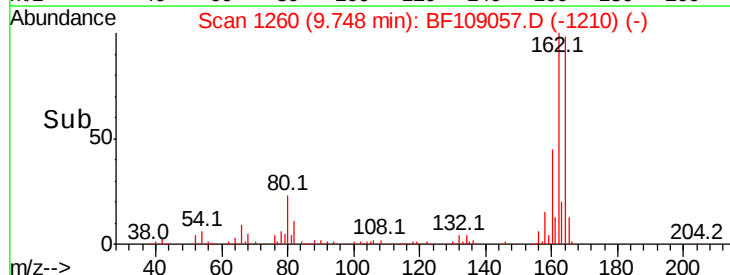
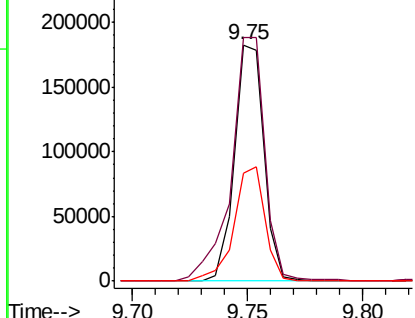


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109057.D
 Acq: 17 Sep 2018 19:18

Tgt Ion:164 Resp: 162532
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 45.8 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

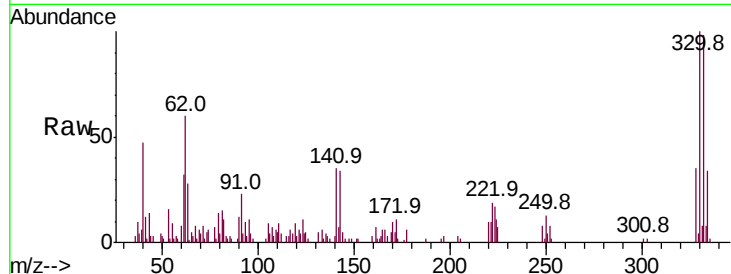




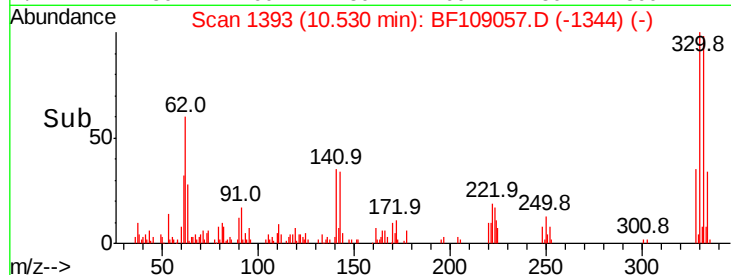
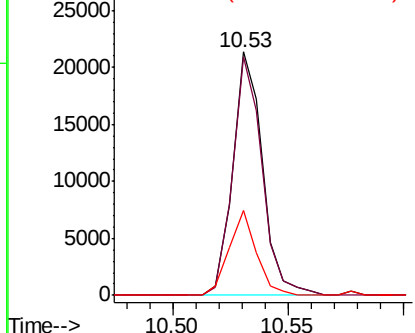
#41
 2,4,6-Tribromophenol
 Concen: 10.862 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109057.D
 Acq: 17 Sep 2018 19:18

Instrument :
 BNA_F
 ClientSampleId :
 RB47195RT

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	32.1	29.9	44.9

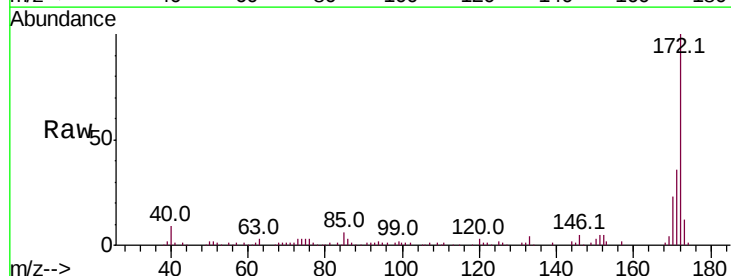


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

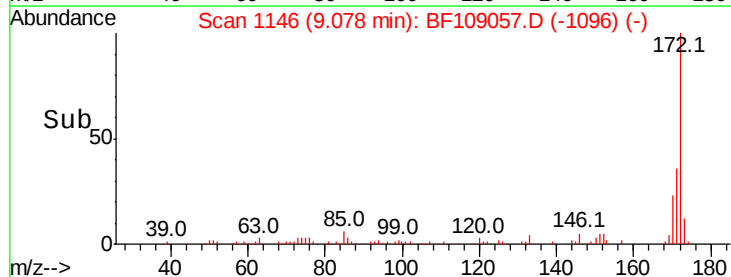
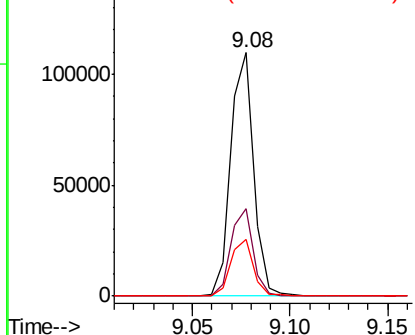


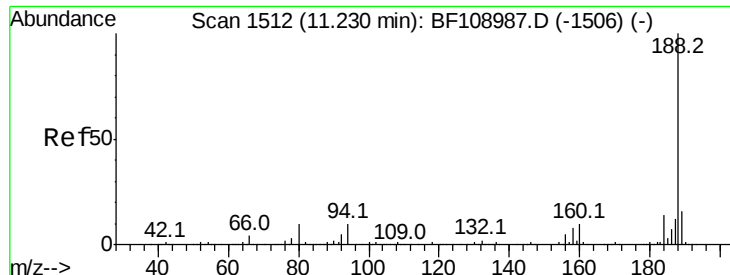
#44
 2-Fluorobiphenyl
 Concen: 8.648 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109057.D
 Acq: 17 Sep 2018 19:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.2	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

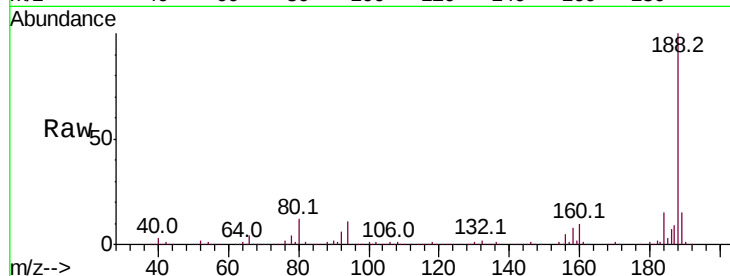




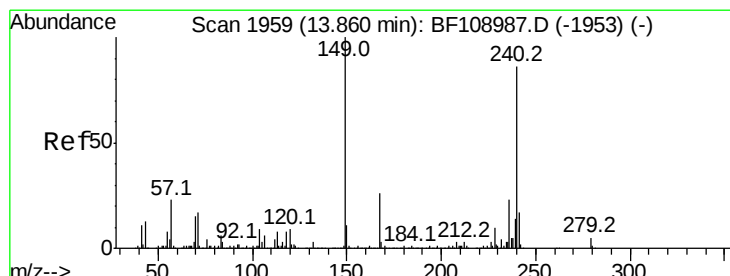
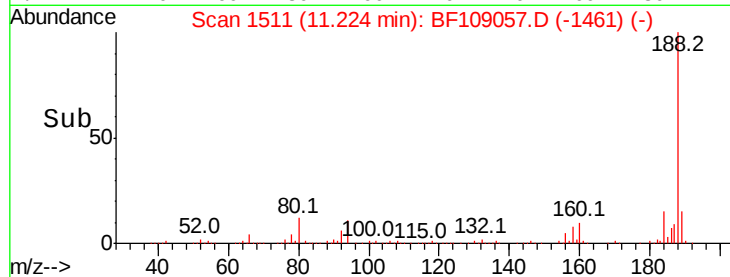
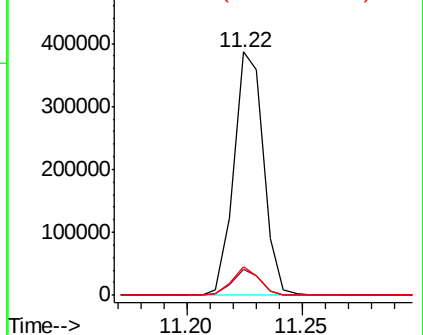
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109057.D
Acq: 17 Sep 2018 19:18

Instrument :
BNA_F
ClientSampleId :
RB47195RT

Tot Ion:188 Resp: 347380
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.7 9.2 13.8

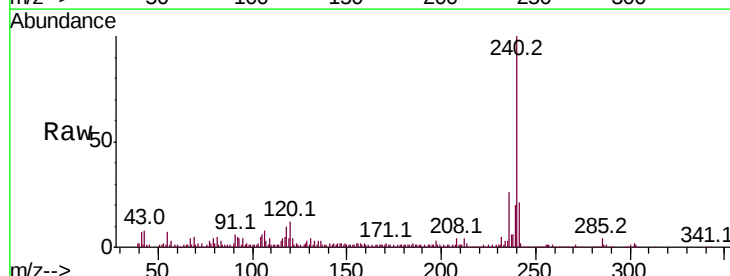


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

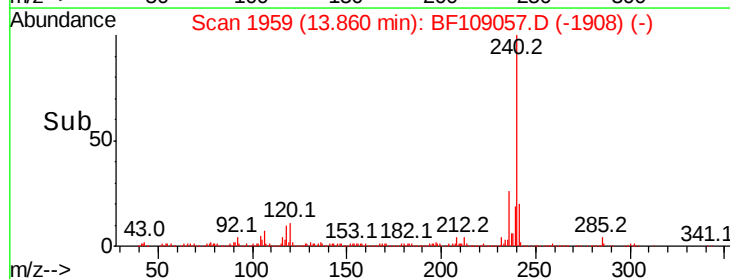
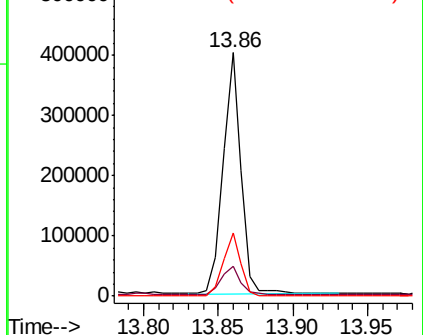


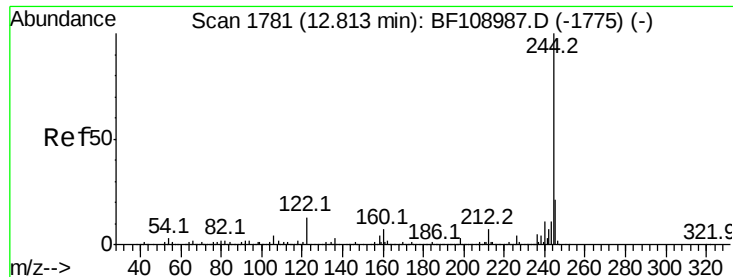
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BF109057.D
Acq: 17 Sep 2018 19:18

Tgt Ion:240 Resp: 341490
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 26.1 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: 7.530 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109057.D

Acq: 17 Sep 2018 19:18

Instrument :

BNA_F

ClientSampleId :

RB47195RT

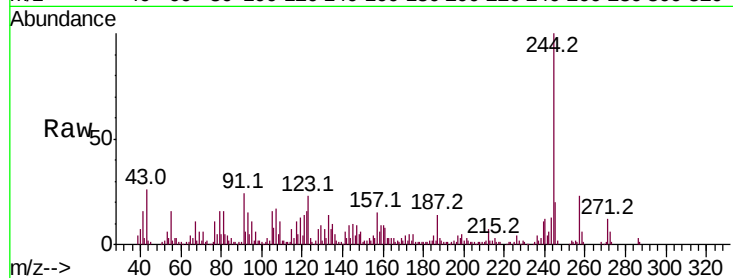
Tot Ion:244 Resp: 108482

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

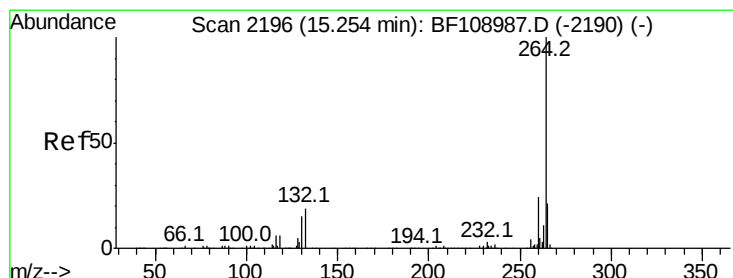
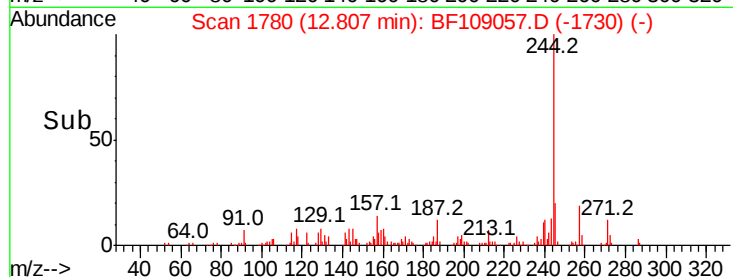
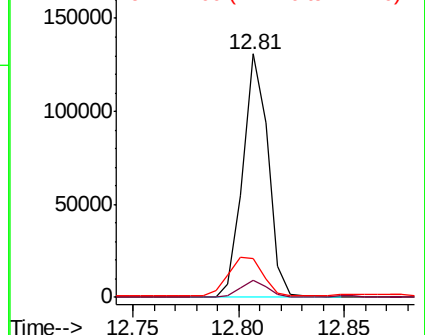
122 15.8 11.0 16.4



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: 15.27 min Scan# 2198

Delta R.T. 0.01 min

Lab File: BF109057.D

Acq: 17 Sep 2018 19:18

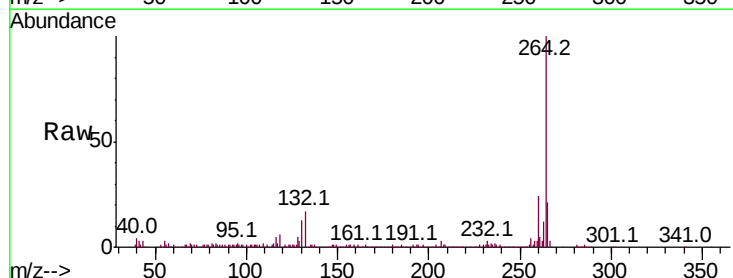
Tgt Ion:264 Resp: 256864

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.3 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

