

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
 Data File : BF109154.D
 Acq On : 19 Sep 2018 20:03
 Operator : JU/SJ
 Sample : J4974-10 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DPC-84010-OW-COMP

Quant Time: Sep 20 04:51:35 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	119540	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	424568	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	174640	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	291174	20.00	ng	0.00
75) Chrysene-d12	13.86	240	302882	20.00	ng	0.00
86) Perylene-d12	15.27	264	308474	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	5679	0.79	ng	0.00
7) Phenol-d6	6.35	99	7404	0.80	ng	-0.01
23) Nitrobenzene-d5	7.28	82	4522	0.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	1155	0.61	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	10883	0.98	ng	0.00
78) Terphenyl-d14	12.81	244	11559	0.90	ng	0.00

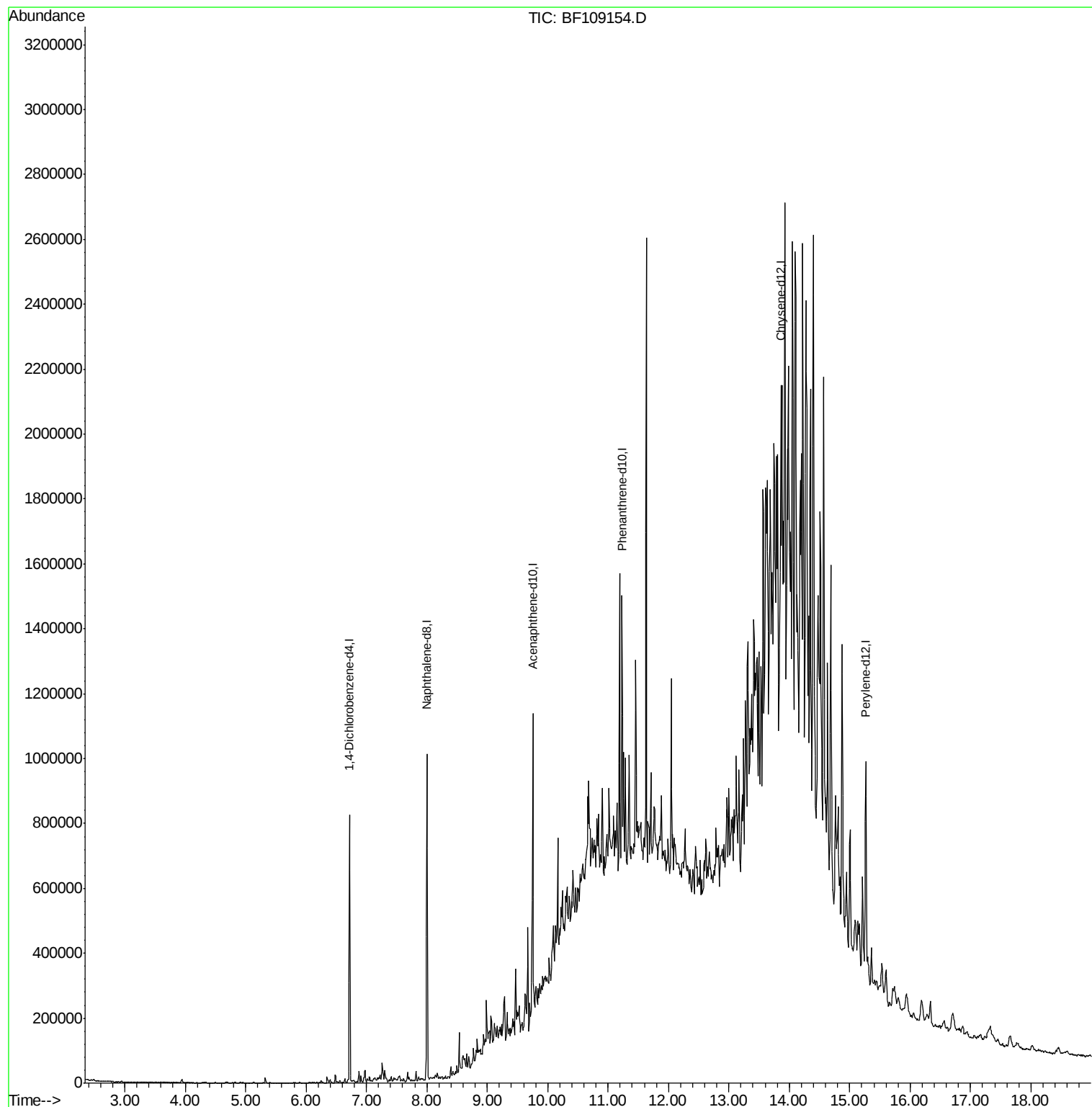
Target Compounds Qvalue

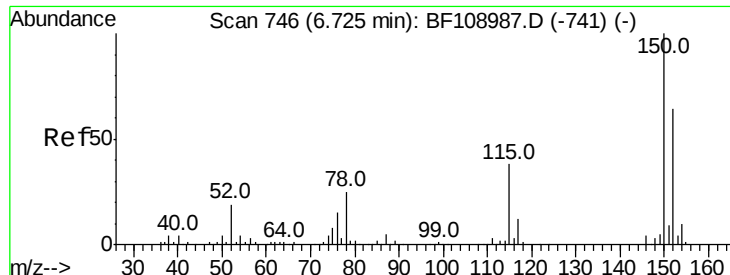
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF109154.D

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BNA_F

ClientSampleId :

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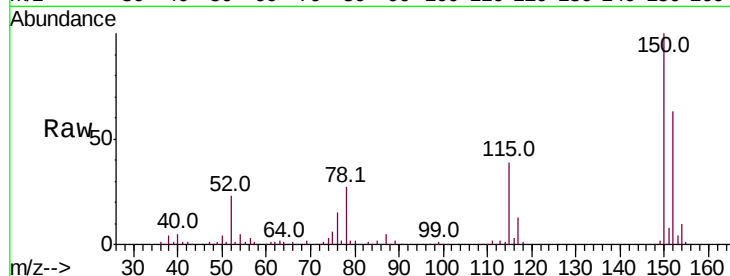
Tot Ion:152 Resp: 119540

Ion Ratio Lower Upper

152 100

150 159.1 124.6 186.8

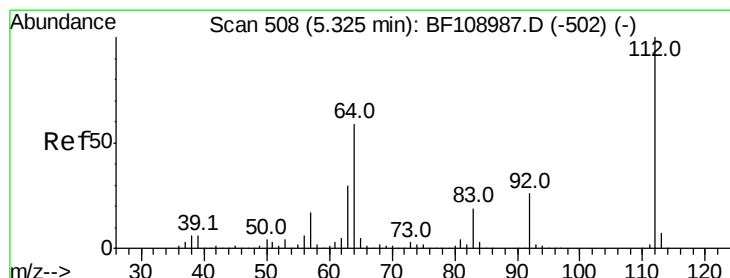
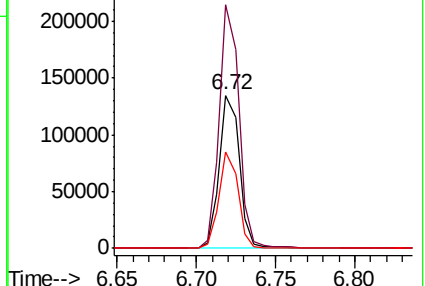
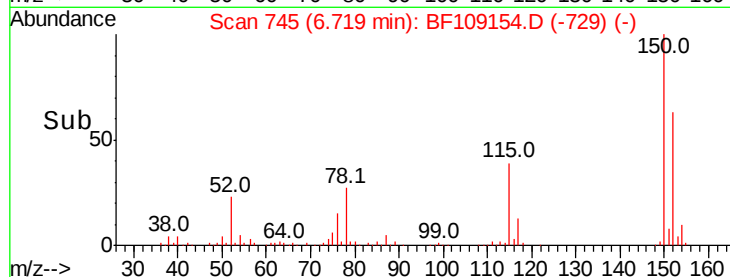
115 62.6 50.1 75.1



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: 0.789 ng

RT: 5.32 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF109154.D

Acq: 19 Sep 2018 20:03

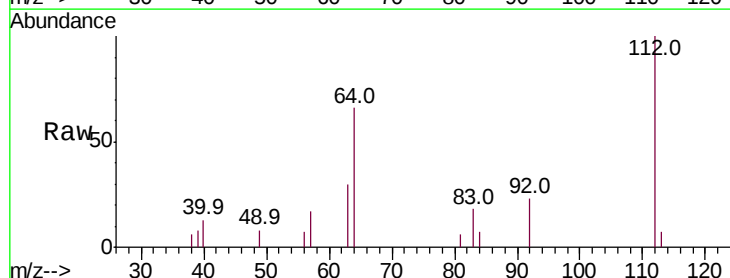
Tgt Ion:112 Resp: 5679

Ion Ratio Lower Upper

112 100

64 65.5 47.9 71.9

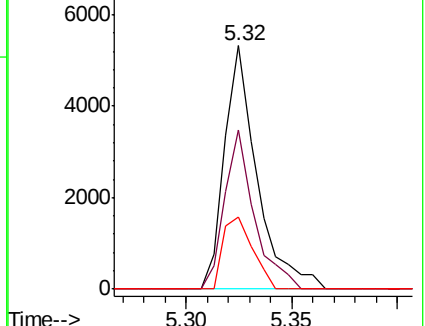
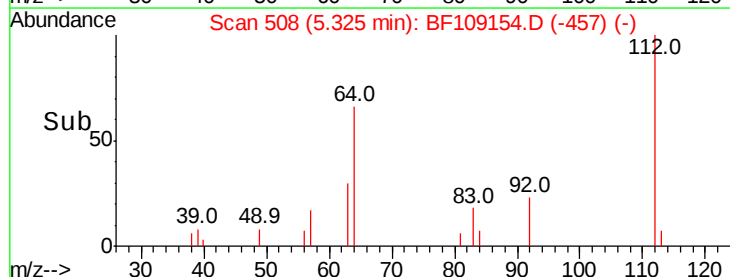
63 29.6 23.7 35.5



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: 0.798 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109154.D

Acq: 19 Sep 2018 20:03

Instrument :

BNA_F

ClientSampleId :

DPC-84010-OW-COMP

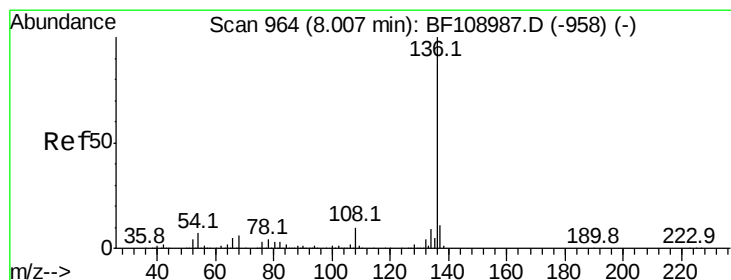
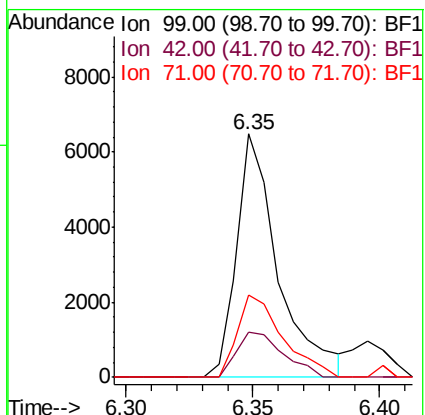
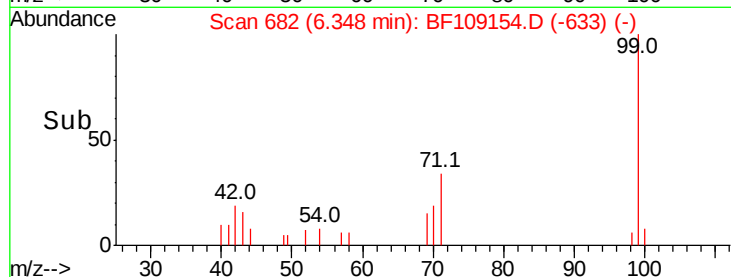
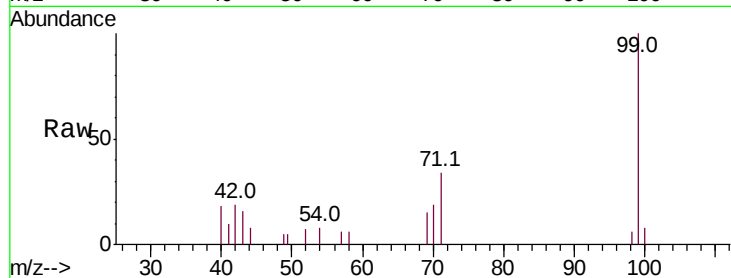
Tot Ion: 99 Resp: 7404

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

71 33.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109154.D

Acq: 19 Sep 2018 20:03

Tgt Ion: 136 Resp: 424568

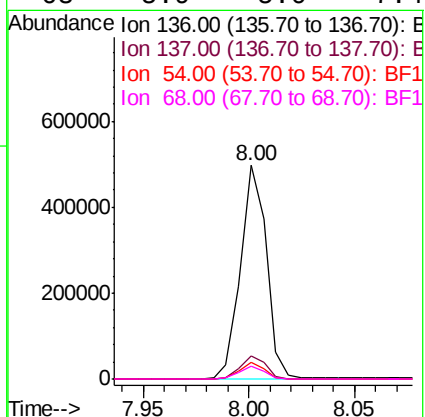
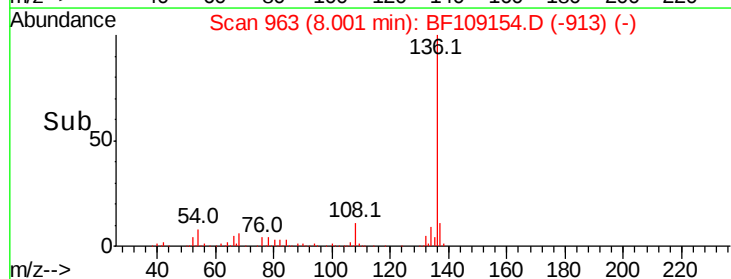
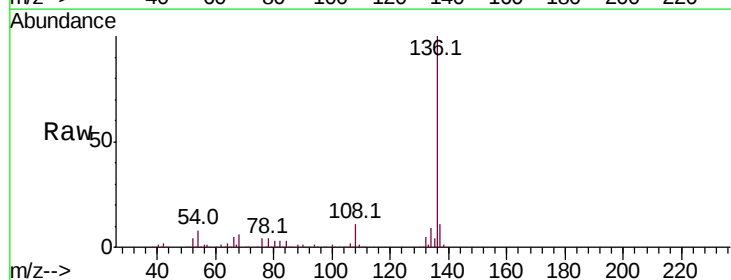
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.6 6.6 9.8

68 5.9 5.0 7.4

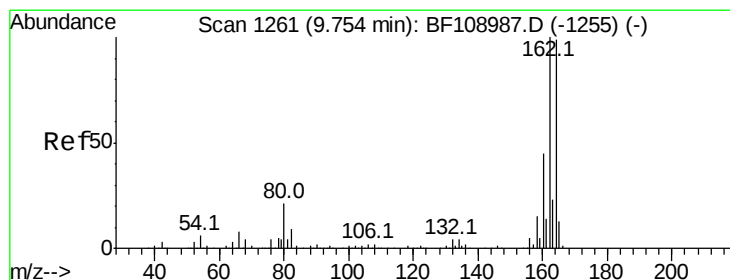
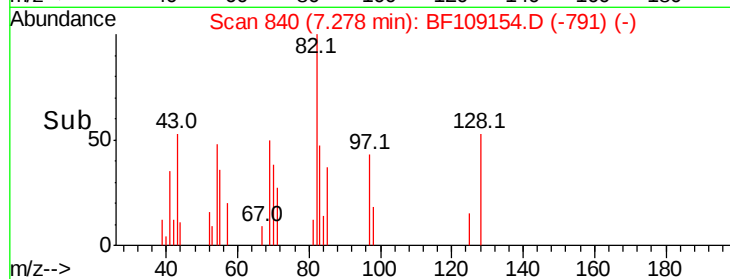
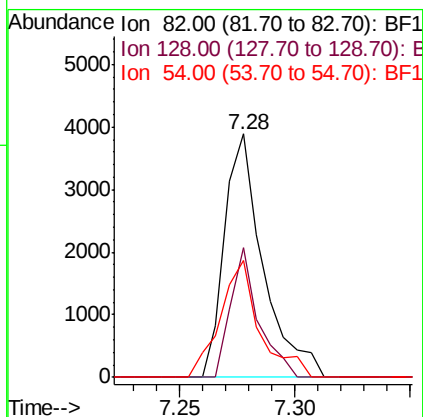
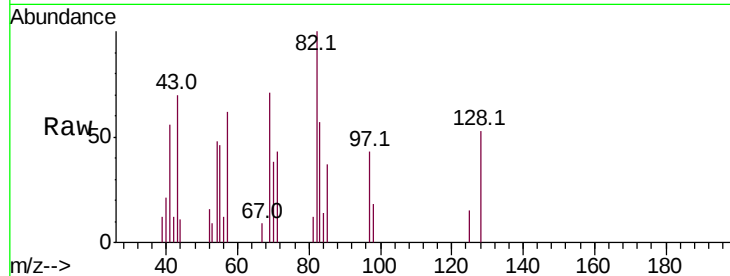




#23
 Nitrobenzene-d5
 Concen: 0.597 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF109154.D
 Acq: 19 Sep 2018 20:03

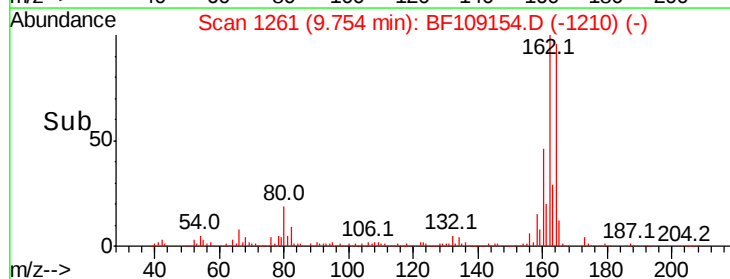
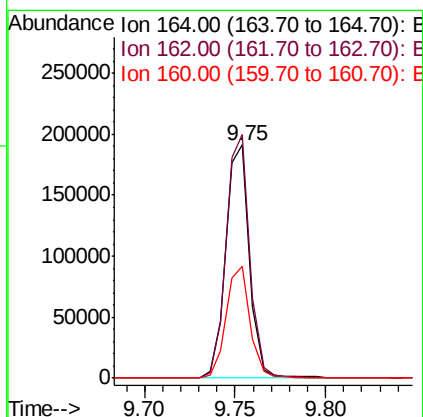
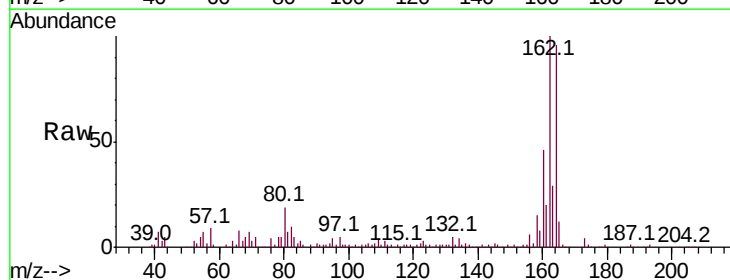
Instrument :
 BNA_F
 ClientSampleId :
 DPC-84010-OW-COMP

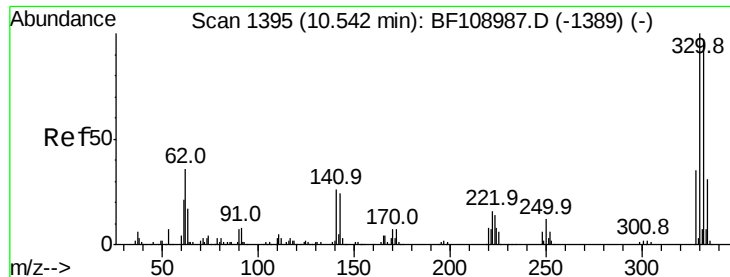
Tot Ion: 82 Resp: 4522
 Ion Ratio Lower Upper
 82 100
 128 53.5 36.1 54.1
 54 48.0 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF109154.D
 Acq: 19 Sep 2018 20:03

Tgt Ion:164 Resp: 174640
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 47.8 38.3 57.5

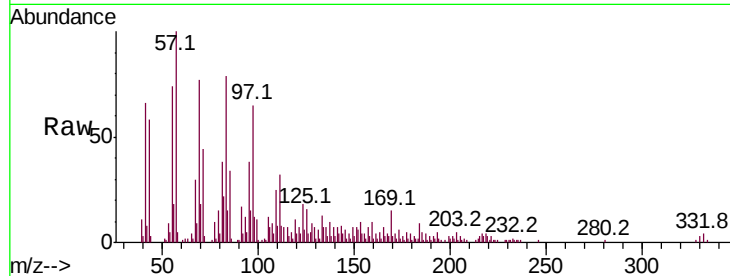




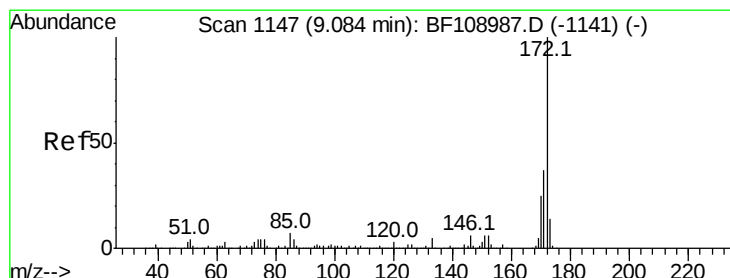
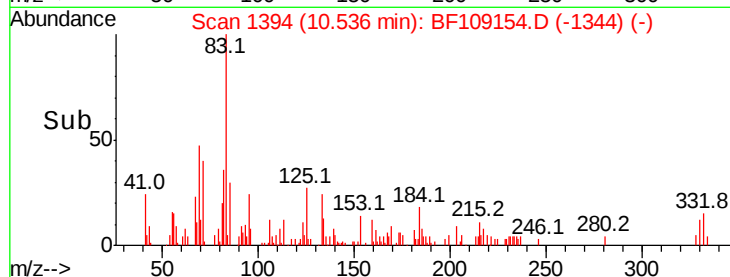
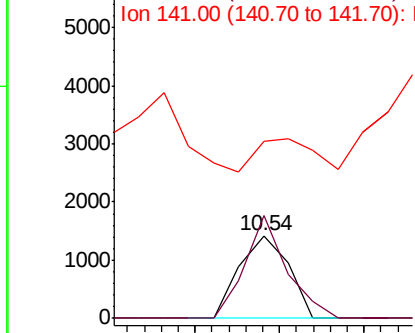
#41
2,4,6-Tribromophenol
Concen: 0.609 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109154.D
Acq: 19 Sep 2018 20:03

Instrument :
BNA_F
ClientSampleId :
DPC-84010-OW-COMP

Tot Ion:330 Resp: 1155
Ion Ratio Lower Upper
330 100
332 106.2 77.0 115.6
141 47.0 29.9 44.9#

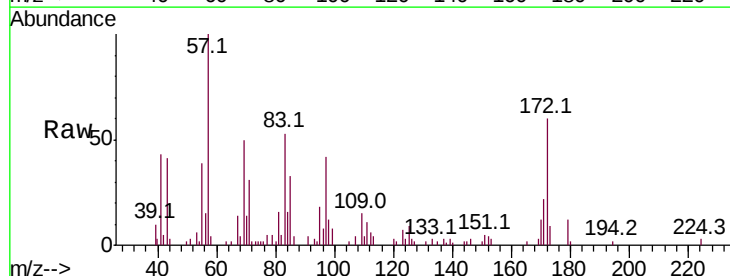


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

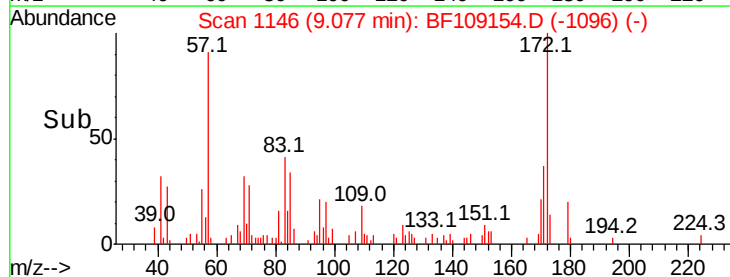
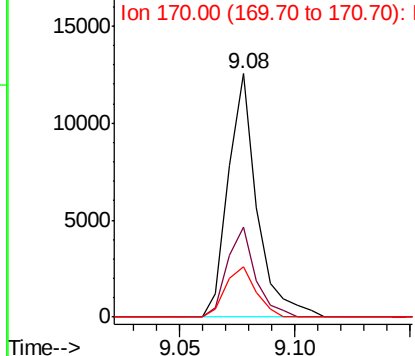


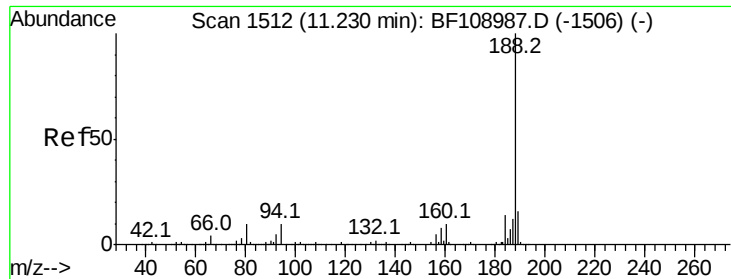
#44
2-Fluorobiphenyl
Concen: 0.976 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109154.D
Acq: 19 Sep 2018 20:03

Tgt Ion:172 Resp: 10883
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 20.5 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

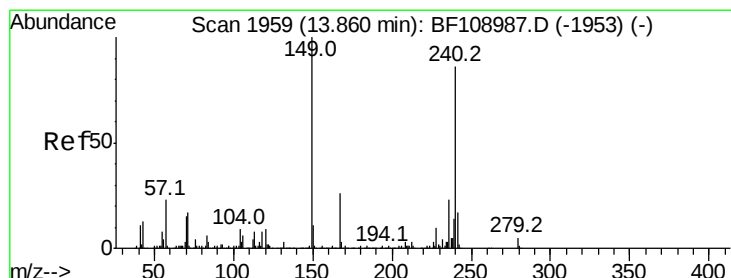
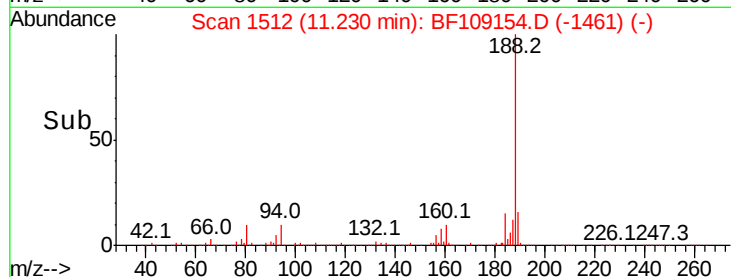
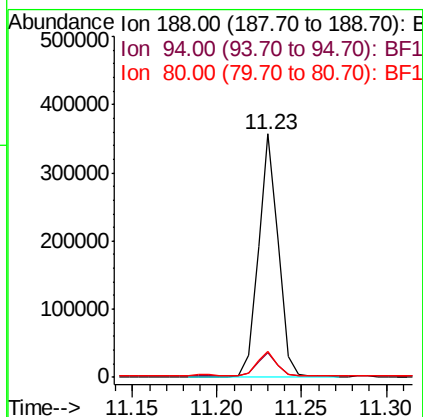
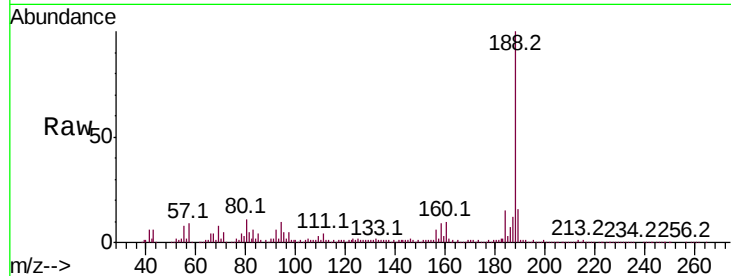




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109154.D
Acq: 19 Sep 2018 20:03

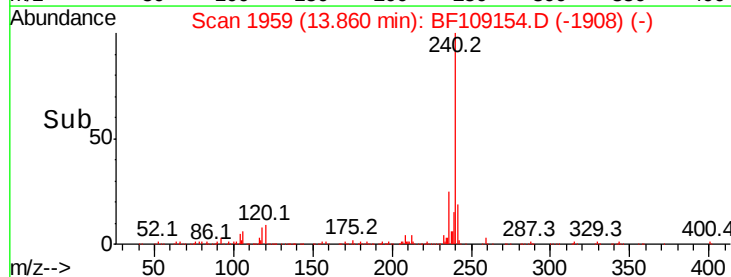
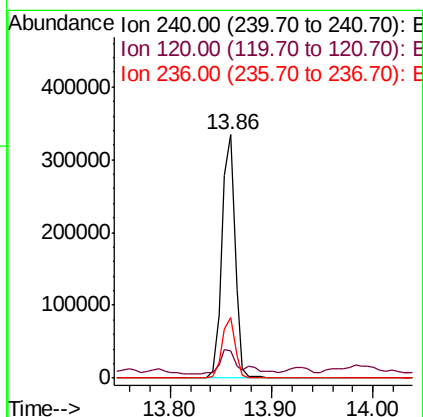
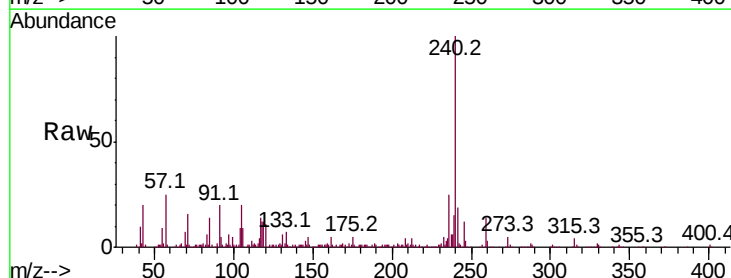
Instrument :
BNA_F
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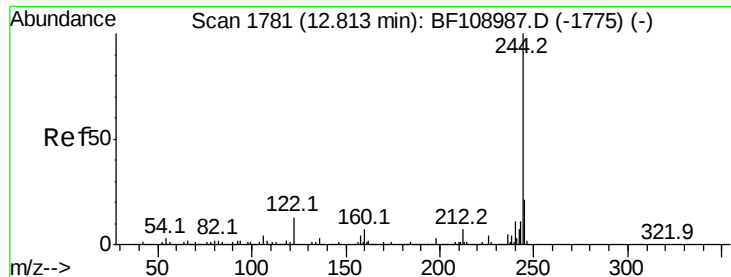
Tot Ion:188 Resp: 291174
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BF109154.D
Acq: 19 Sep 2018 20:03

Tgt Ion:240 Resp: 302882
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 25.0 20.7 31.1





#78

Terphenyl-d14

Concen: 0.905 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109154.D

Acq: 19 Sep 2018 20:03

Instrument :

BNA_F

ClientSampleId :

DPC-84010-OW-COMP

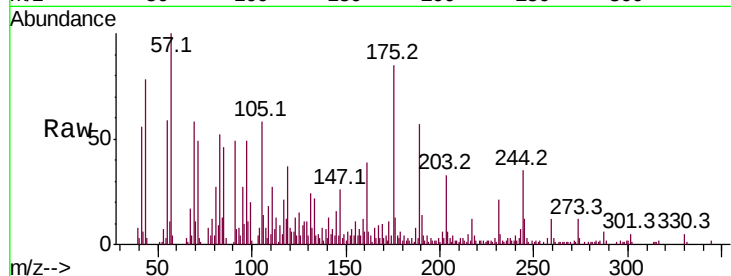
Tot Ion:244 Resp: 11559

Ion Ratio Lower Upper

244 100

212 8.6 5.4 8.0#

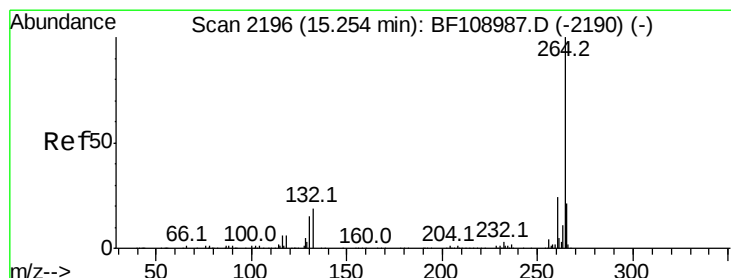
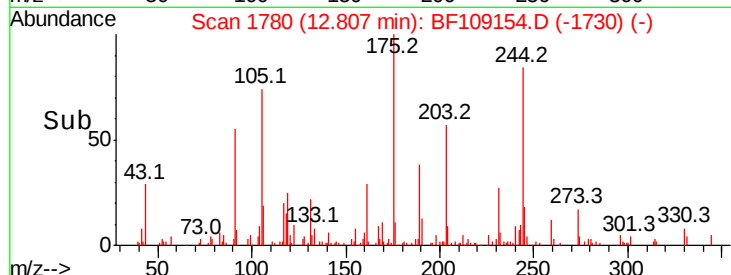
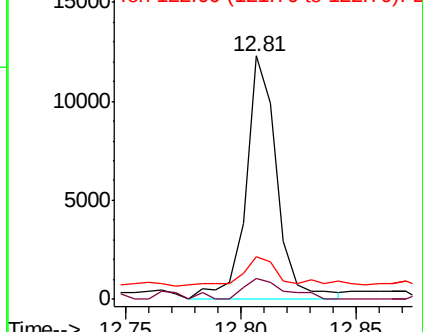
122 17.5 11.0 16.4#



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: BF109154.D

Acq: 19 Sep 2018 20:03

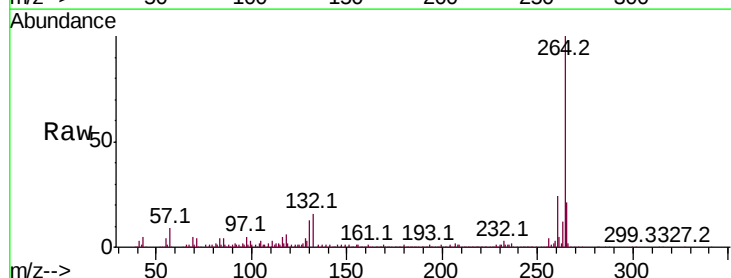
Tgt Ion:264 Resp: 308474

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.4 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

