

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109124.D
 Acq On : 19 Sep 2018 4:43
 Operator : JU/SJ
 Sample : J4930-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091318-DBRI-E-U-B

Quant Time: Sep 19 06:34:11 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

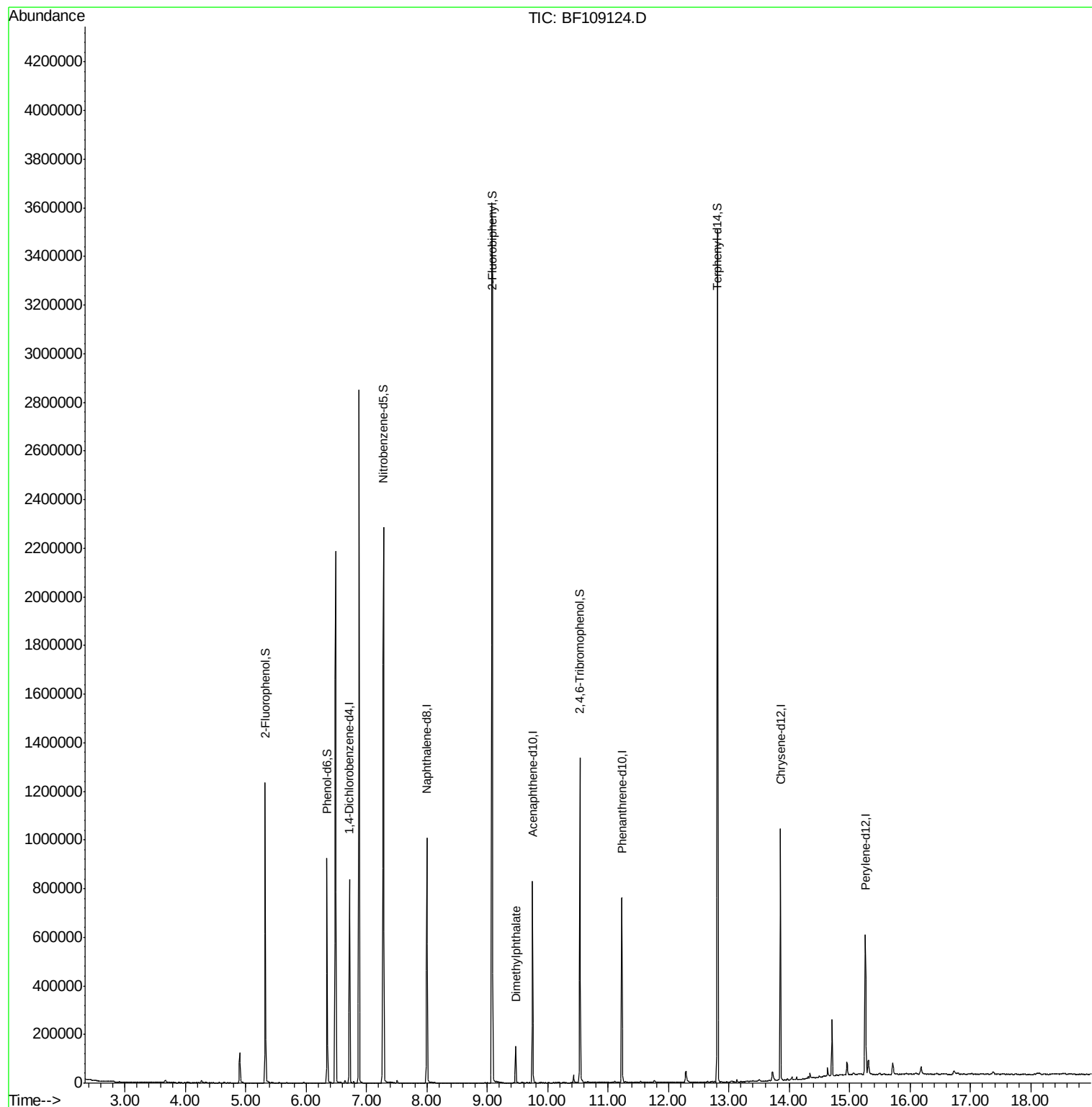
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	116808	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	404808	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	164098	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	296060	20.00	ng	0.00
75) Chrysene-d12	13.85	240	316380	20.00	ng	0.00
86) Perylene-d12	15.26	264	267016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	329228	46.81	ng	0.00
7) Phenol-d6	6.35	99	265458	29.27	ng	-0.01
23) Nitrobenzene-d5	7.28	82	732349	101.47	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	170720	95.86	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1197192	114.30	ng	0.00
78) Terphenyl-d14	12.81	244	1215582	91.07	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	64327	5.485	ng	Qvalue 98

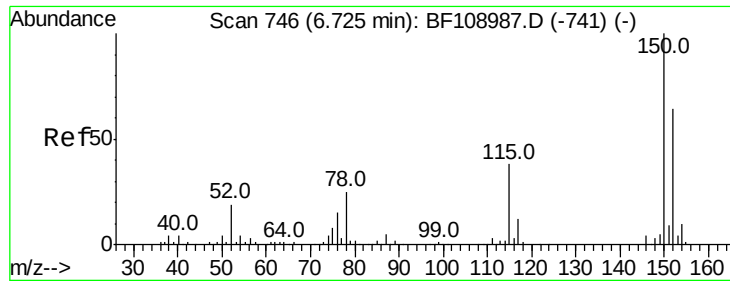
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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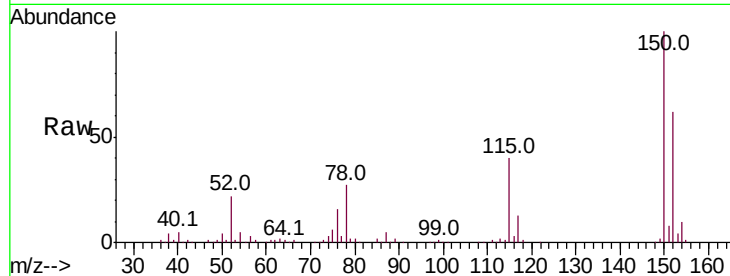


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109124.D
 Acq: 19 Sep 2018 4:43

Instrument :
 BNA_F
 ClientSampleId :
 091318-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.6	186.8
115	64.2	50.1	75.1

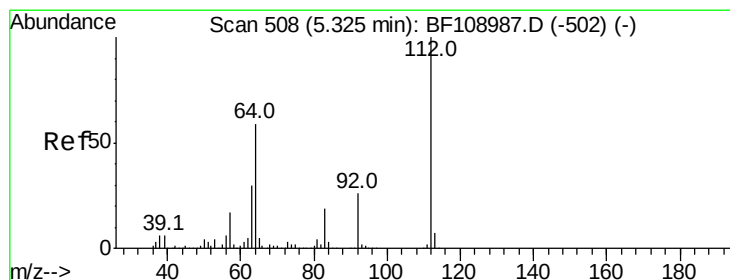
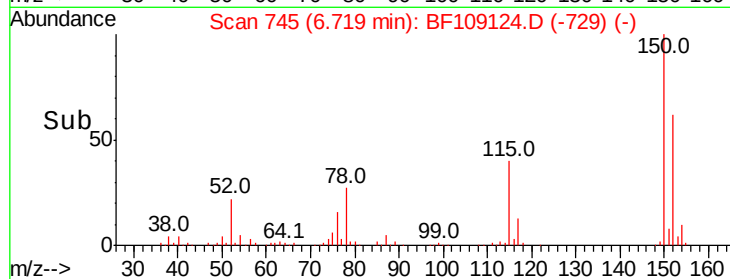
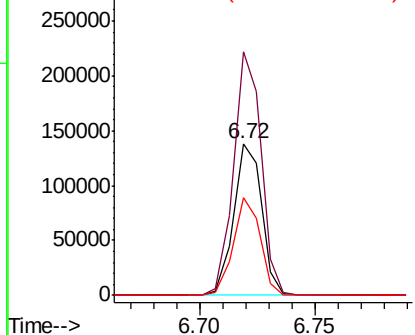


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

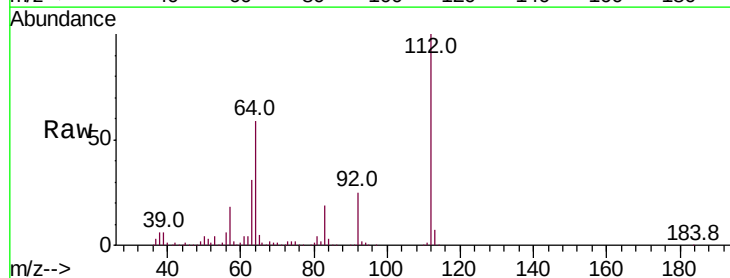
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 46.813 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109124.D
 Acq: 19 Sep 2018 4:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
63	30.5	23.7	35.5

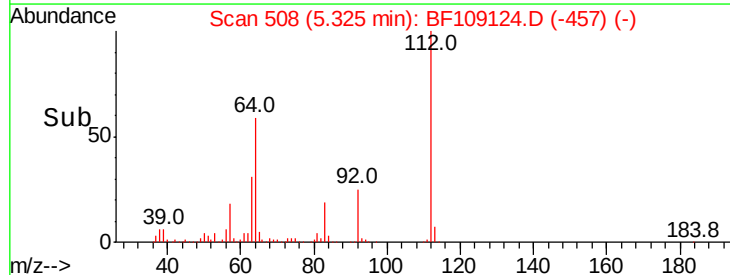
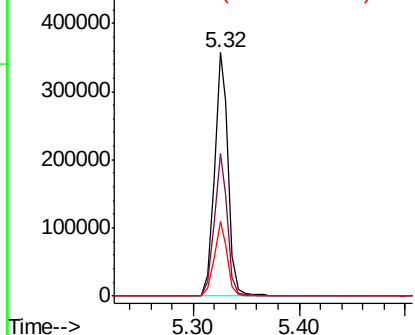


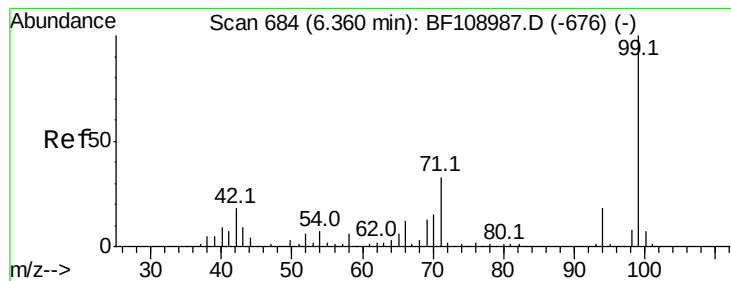
Abundance

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: 29.272 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109124.D

Acq: 19 Sep 2018 4:43

Instrument :

BNA_F

ClientSampleId :

091318-DBRI-E-U-B

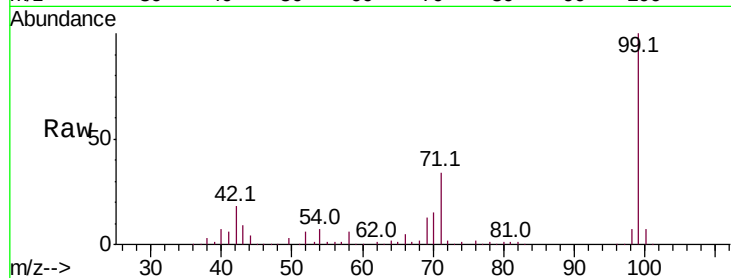
Tot Ion: 99 Resp: 265458

Ion Ratio Lower Upper

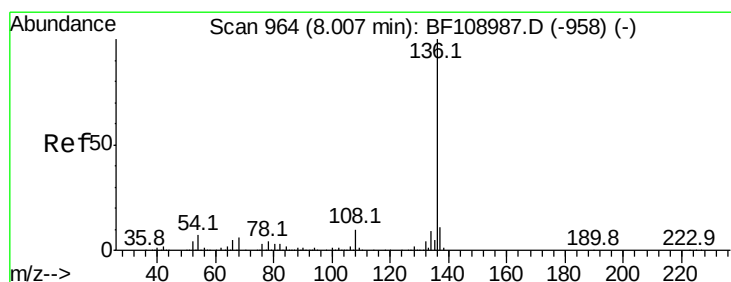
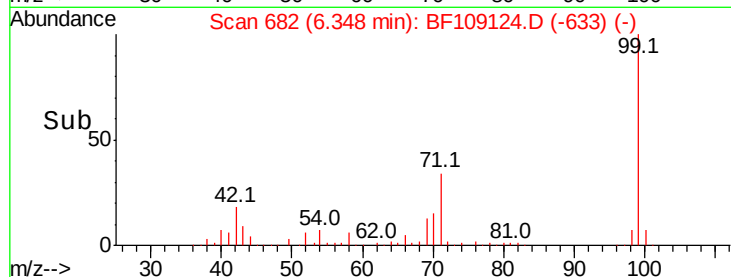
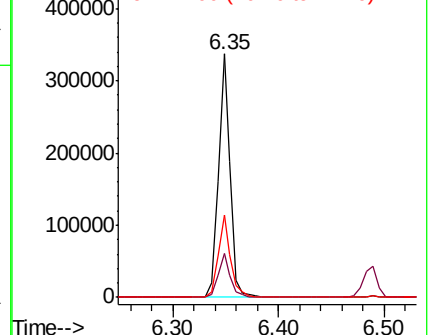
99 100

42 18.1 14.5 21.7

71 34.1 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: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109124.D

Acq: 19 Sep 2018 4:43

Tgt Ion: 136 Resp: 404808

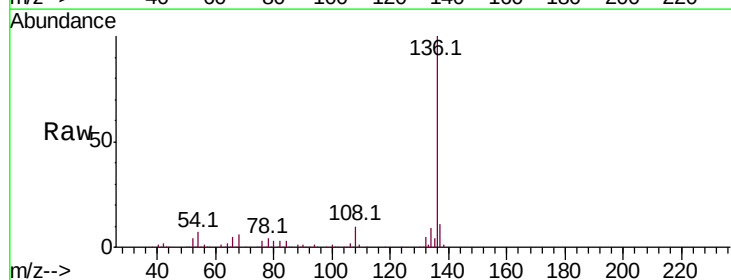
Ion Ratio Lower Upper

136 100

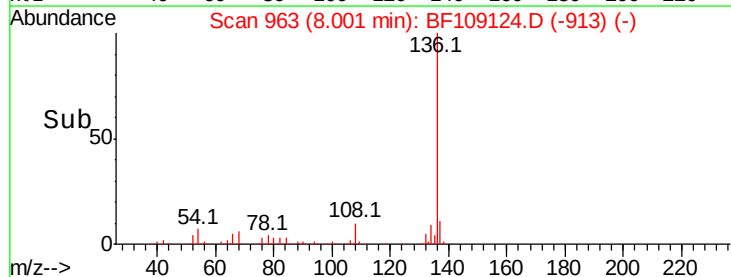
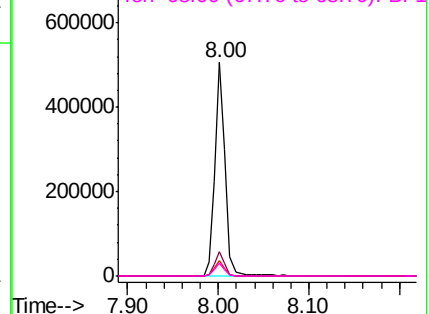
137 11.2 8.9 13.3

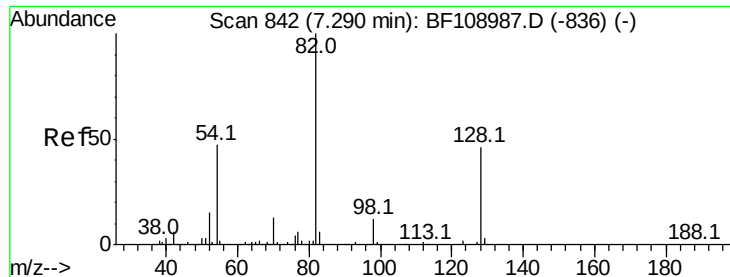
54 7.1 6.6 9.8

68 5.9 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

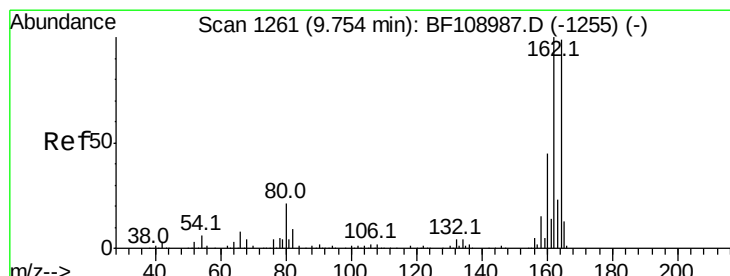
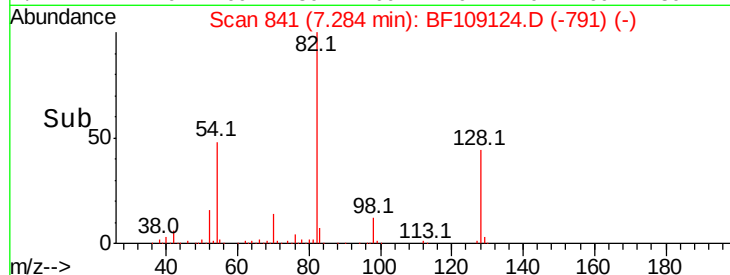
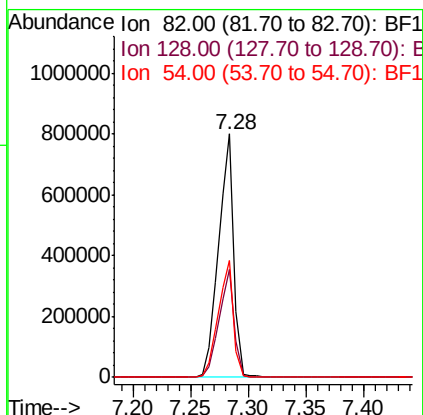
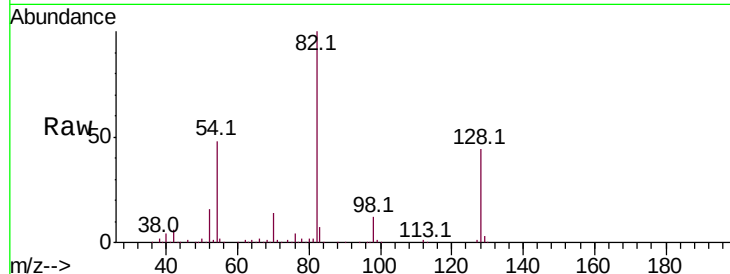




#23
 Nitrobenzene-d5
 Concen: 101.471 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109124.D
 Acq: 19 Sep 2018 4:43

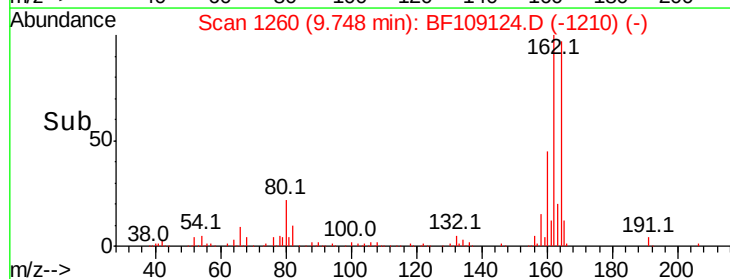
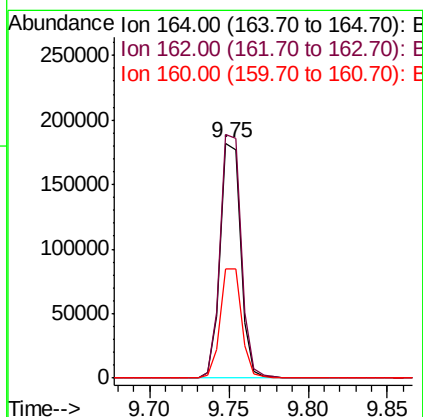
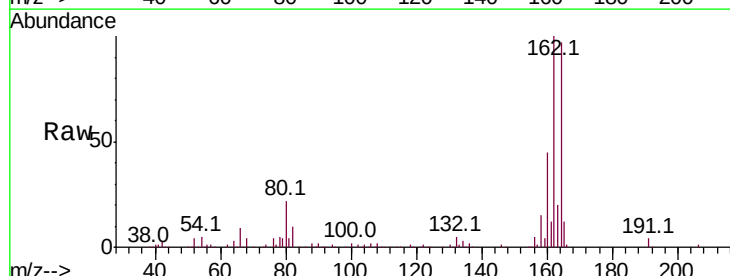
Instrument :
 BNA_F
 ClientSampleId :
 091318-DBRI-E-U-B

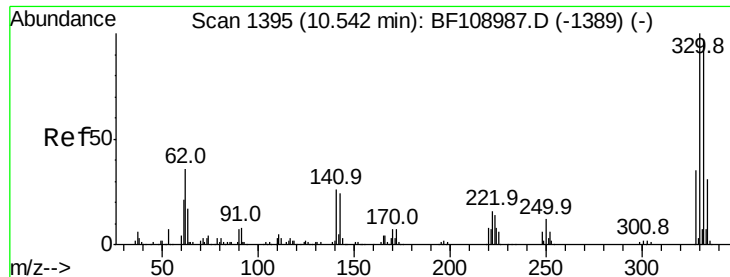
Tot Ion: 82 Resp: 732349
 Ion Ratio Lower Upper
 82 100
 128 44.3 36.1 54.1
 54 47.8 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109124.D
 Acq: 19 Sep 2018 4:43

Tgt Ion: 164 Resp: 164098
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 46.4 38.3 57.5

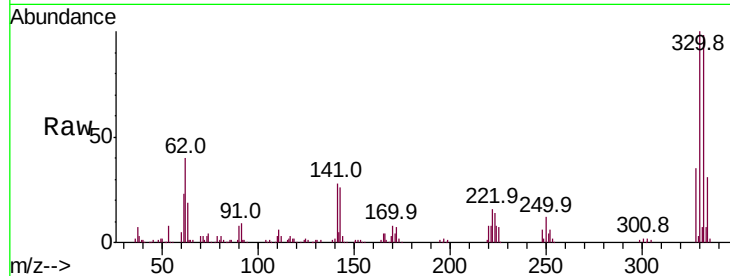




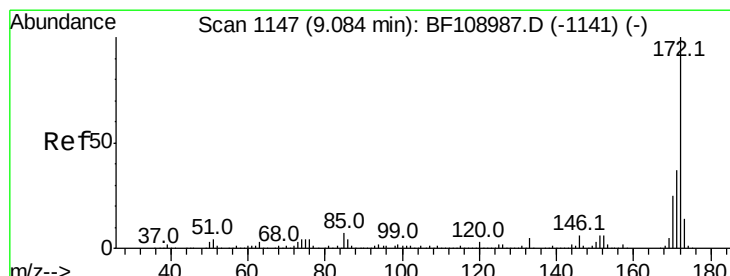
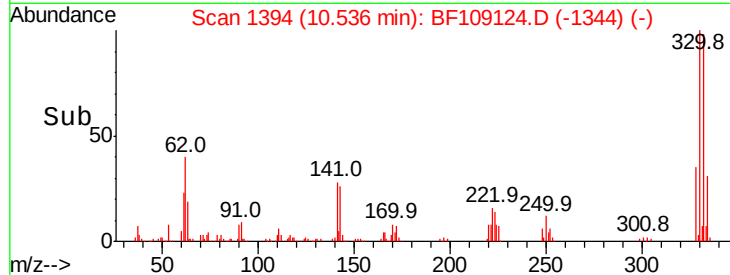
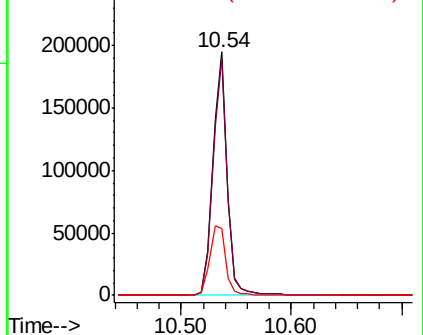
#41
 2,4,6-Tribromophenol
 Concen: 95.862 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109124.D
 Acq: 19 Sep 2018 4:43

Instrument :
 BNA_F
 ClientSampleId :
 091318-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	31.7	29.9	44.9

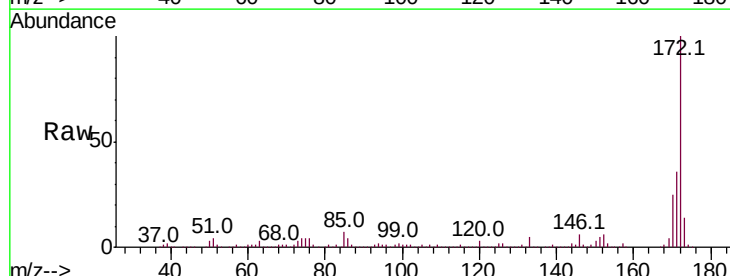


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

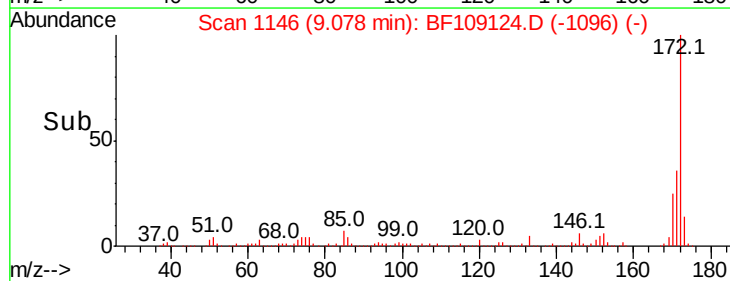
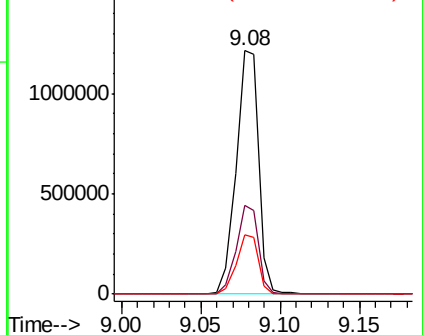


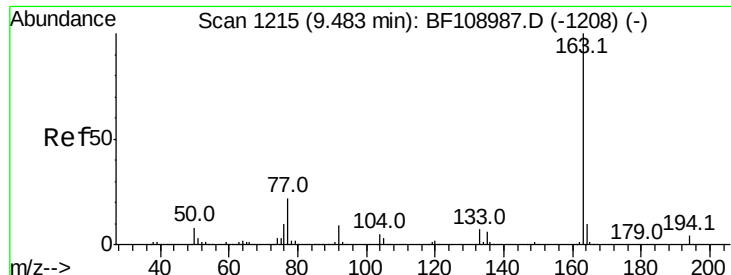
#44
 2-Fluorobiphenyl
 Concen: 114.302 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109124.D
 Acq: 19 Sep 2018 4:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.6	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





#49

Dimethylphthalate

Concen: 5.485 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF109124.D

Acq: 19 Sep 2018 4:43

Instrument :

BNA_F

ClientSampleId :

091318-DBRI-E-U-B

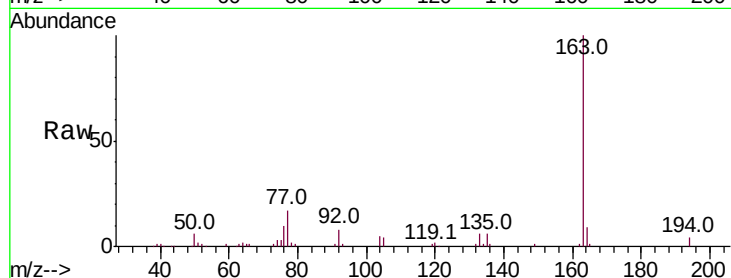
Tot Ion:163 Resp: 64327

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

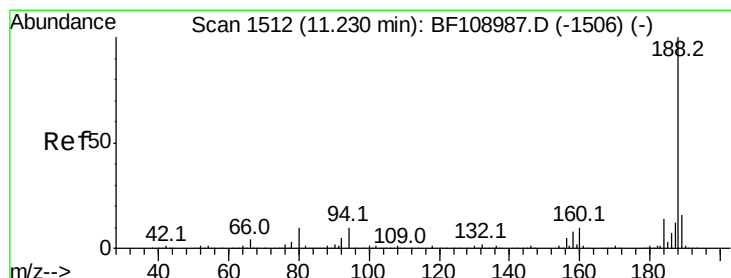
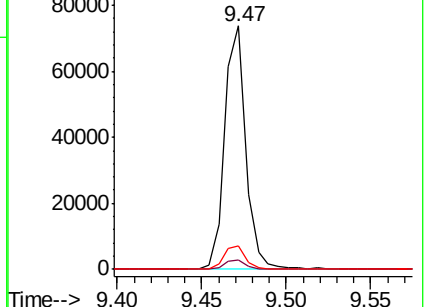
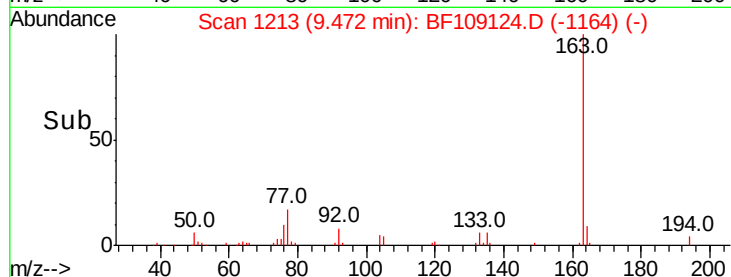
164 9.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BF109124.D

Acq: 19 Sep 2018 4:43

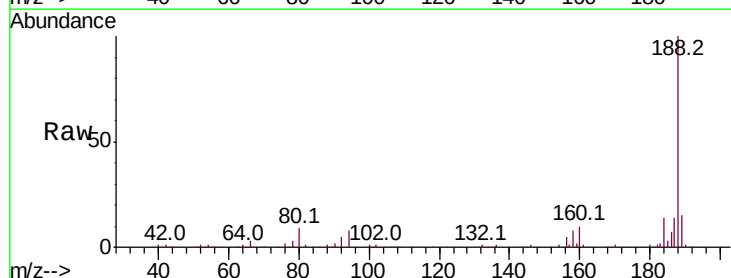
Tgt Ion:188 Resp: 296060

Ion Ratio Lower Upper

188 100

94 8.2 8.5 12.7#

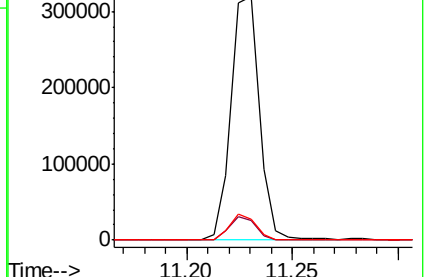
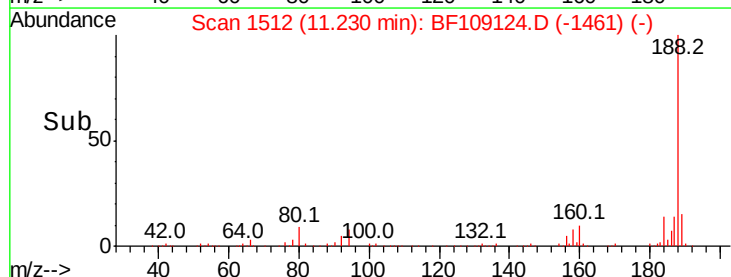
80 8.7 9.2 13.8#

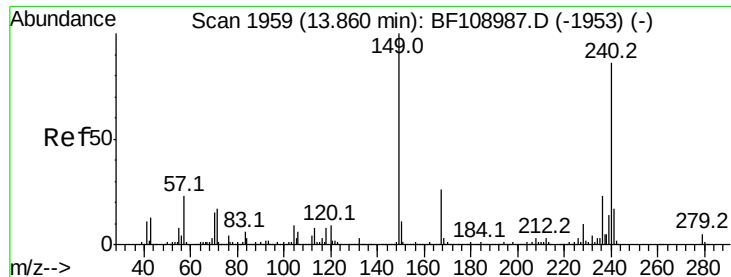


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109124.D

Acq: 19 Sep 2018 4:43

Instrument :

BNA_F

ClientSampleId :

091318-DBRI-E-U-B

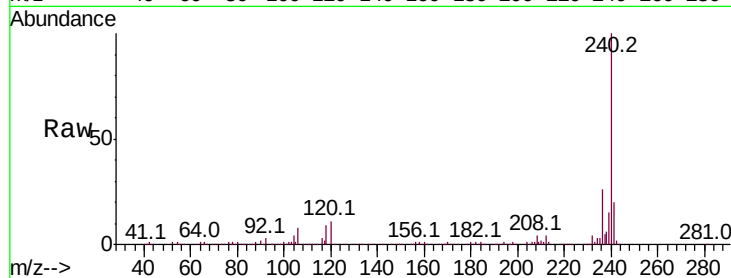
Tot Ion:240 Resp: 316380

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

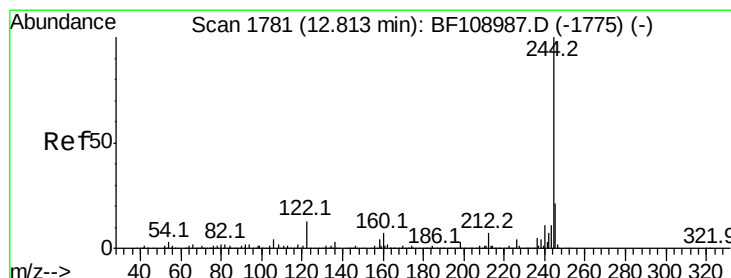
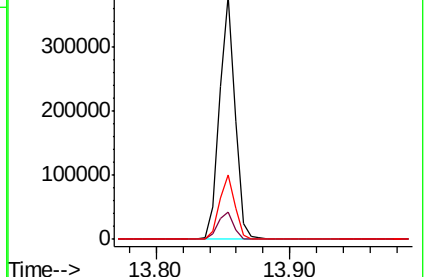
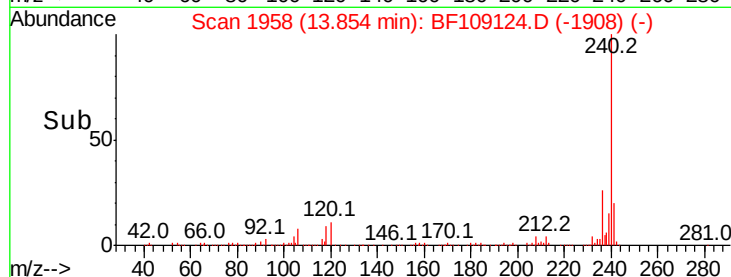
236 26.4 20.7 31.1



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: 91.069 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109124.D

Acq: 19 Sep 2018 4:43

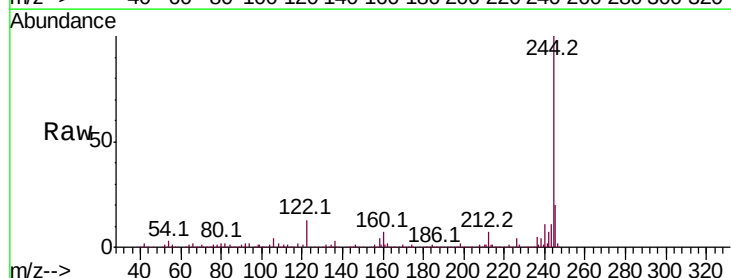
Tgt Ion:244 Resp: 1215582

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

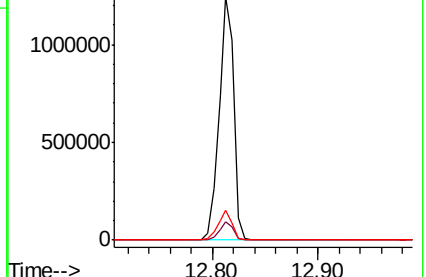
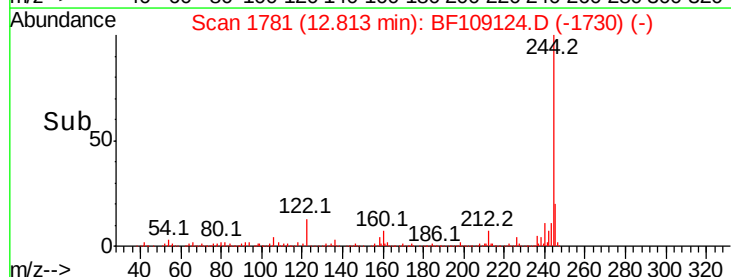
122 12.5 11.0 16.4

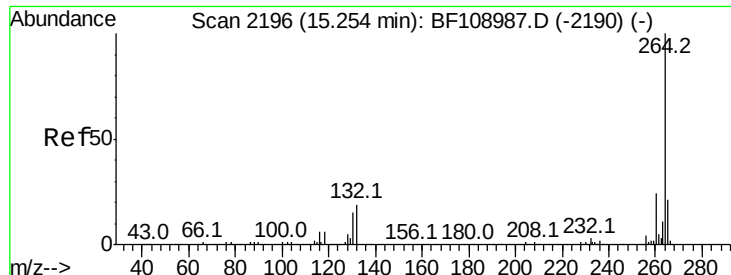


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

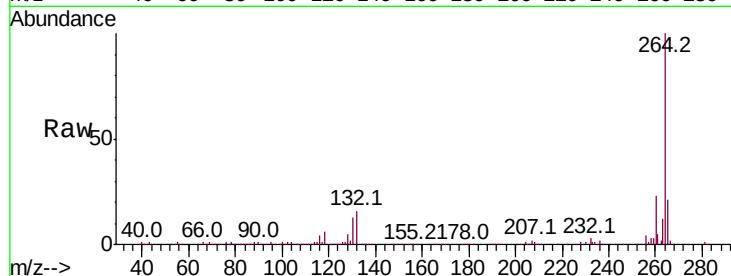




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109124.D
Acq: 19 Sep 2018 4:43

Instrument :
BNA_F
ClientSampleId :
091318-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.2	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

