

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109123.D
 Acq On : 19 Sep 2018 4:15
 Operator : JU/SJ
 Sample : J4930-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091318-DBRI-E-D-S

Quant Time: Sep 19 06:03:24 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

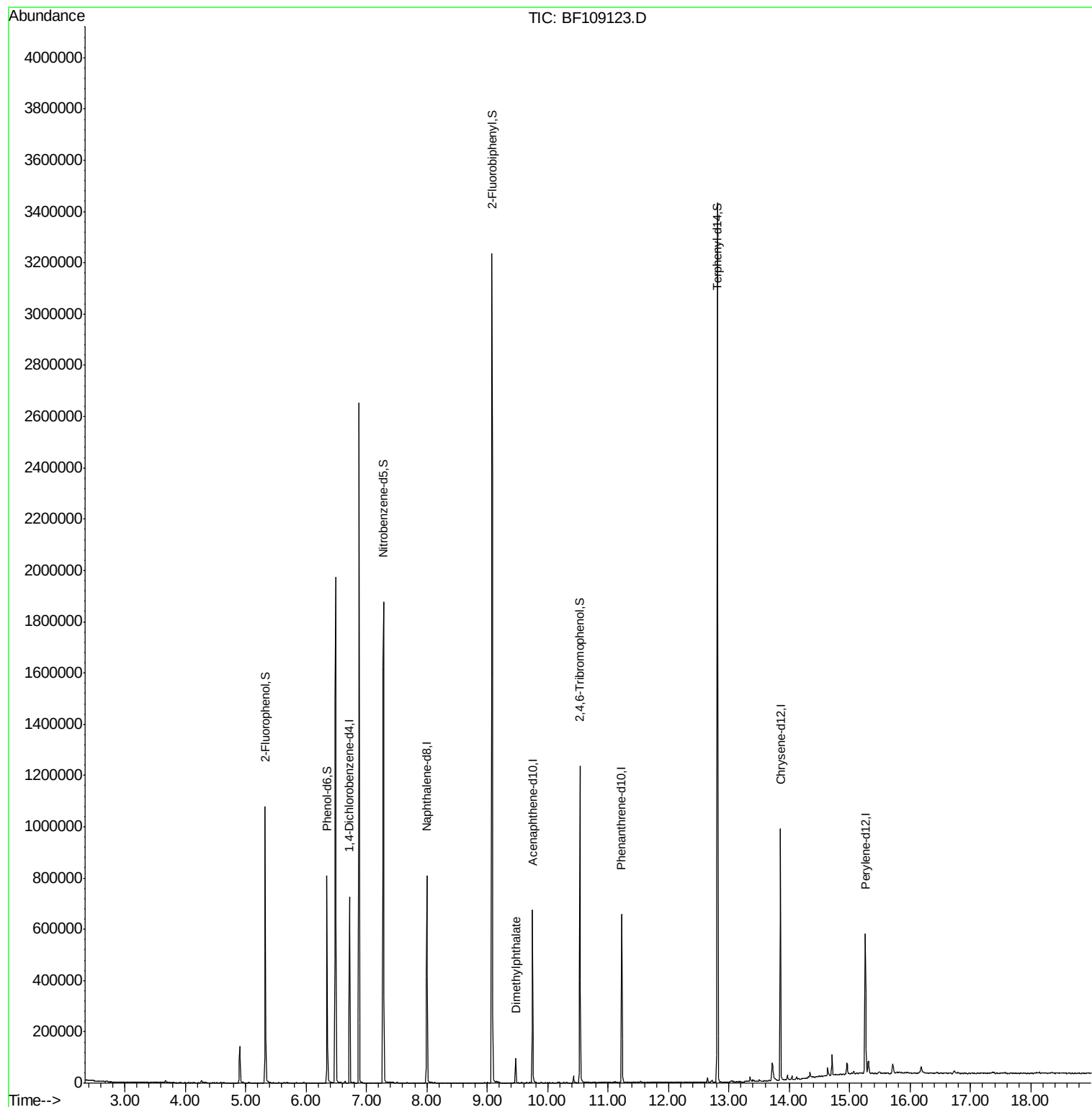
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	103354	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	331327	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	131709	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	253799	20.00	ng	0.00
75) Chrysene-d12	13.85	240	306042	20.00	ng	0.00
86) Perylene-d12	15.26	264	241613	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	294393	47.31	ng	0.00
7) Phenol-d6	6.35	99	230968	28.78	ng	-0.01
23) Nitrobenzene-d5	7.28	82	628111	106.33	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	157409	110.12	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	979190	116.48	ng	0.00
78) Terphenyl-d14	12.81	244	1183696	91.68	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	41255	4.382	ng	Qvalue 100

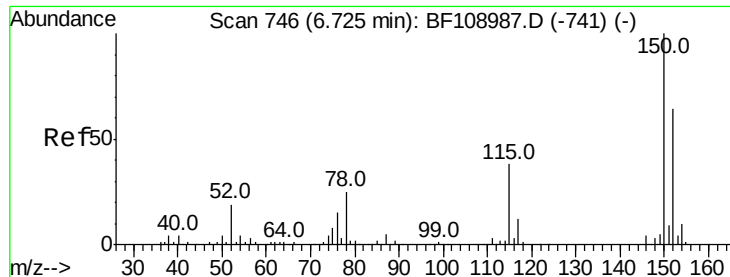
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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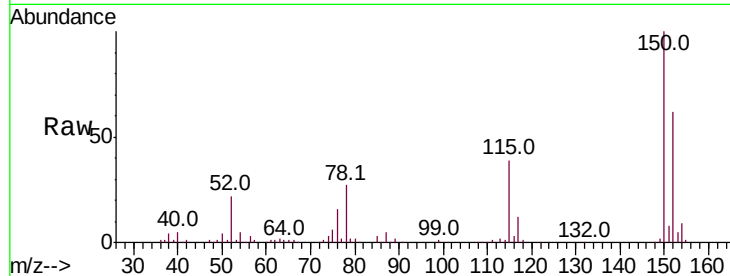


#1

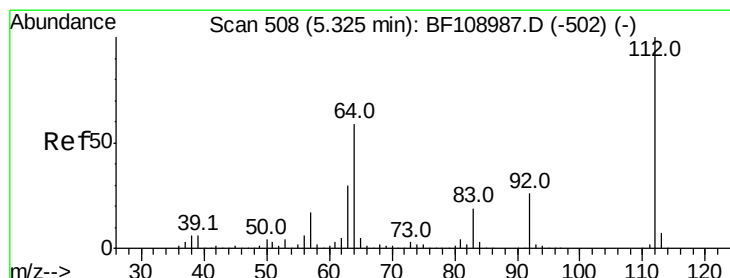
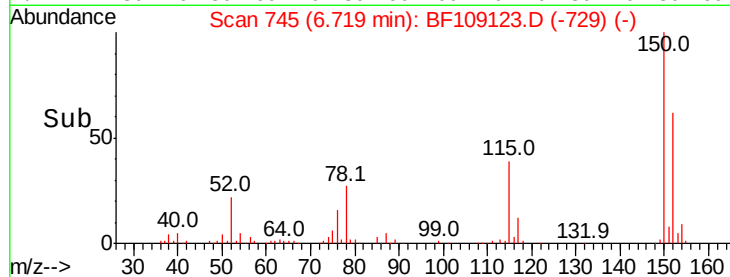
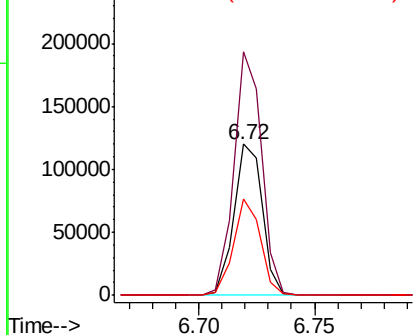
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109123.D
 Acq: 19 Sep 2018 4:15

Instrument :
 BNA_F
 ClientSampleId :
 091318-DBRI-E-D-S

Tot Ion:152 Resp: 103354
 Ion Ratio Lower Upper
 152 100
 150 161.1 124.6 186.8
 115 63.6 50.1 75.1



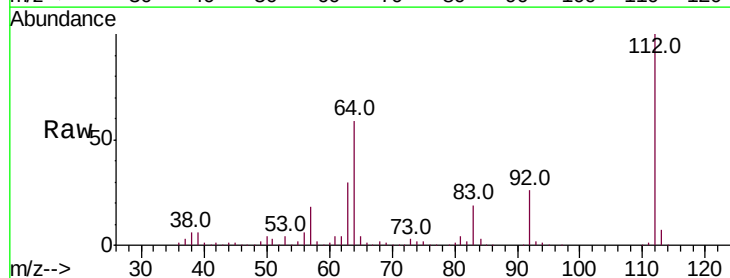
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



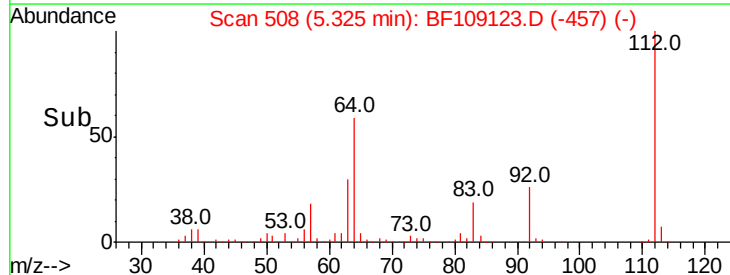
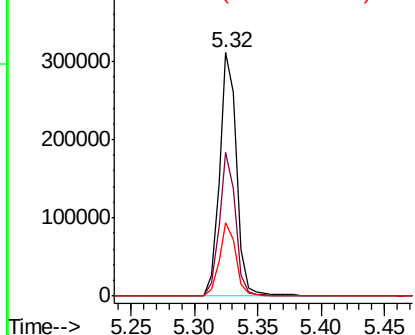
#5

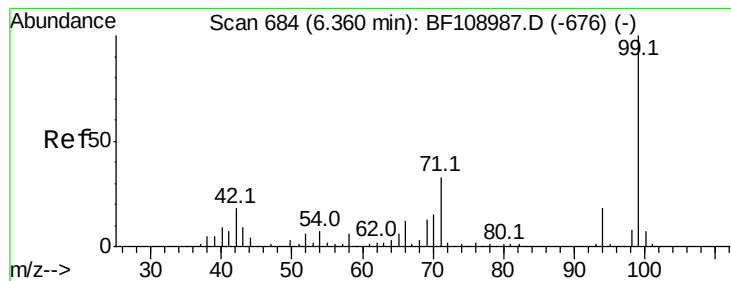
2-Fluorophenol
 Concen: 47.309 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109123.D
 Acq: 19 Sep 2018 4:15

Tgt Ion:112 Resp: 294393
 Ion Ratio Lower Upper
 112 100
 64 59.1 47.9 71.9
 63 30.3 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: 28.784 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109123.D

Acq: 19 Sep 2018 4:15

Instrument :

BNA_F

ClientSampleId :

091318-DBRI-E-D-S

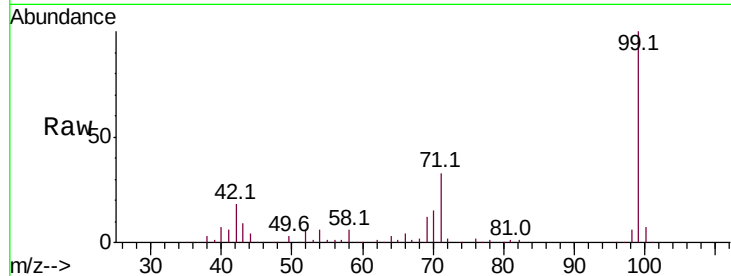
Tot Ion: 99 Resp: 230968

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

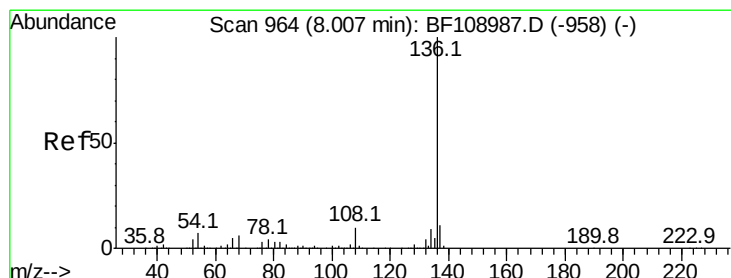
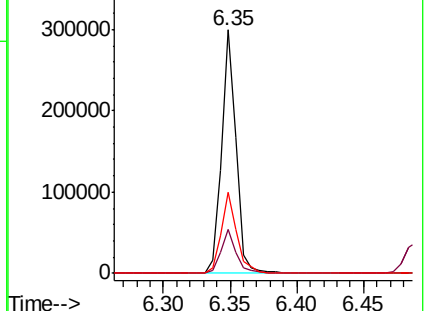
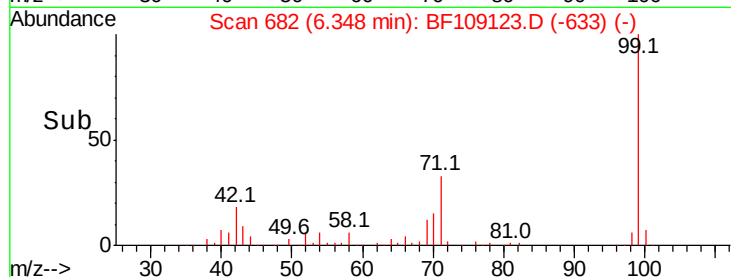
71 33.3 25.4 38.0



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: BF109123.D

Acq: 19 Sep 2018 4:15

Tgt Ion: 136 Resp: 331327

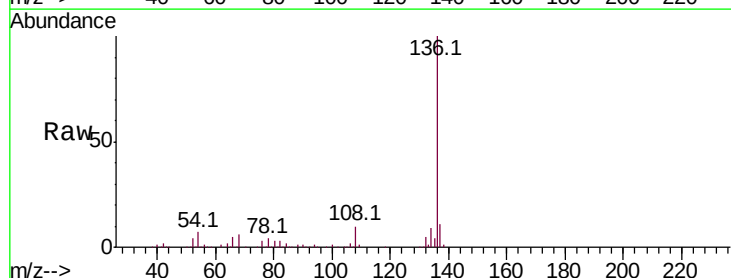
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.1 6.6 9.8

68 6.1 5.0 7.4

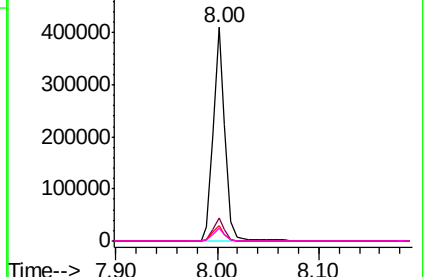
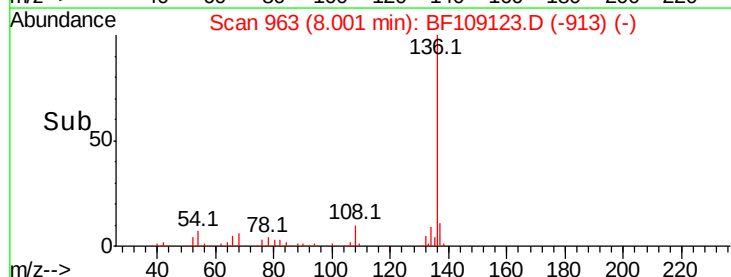


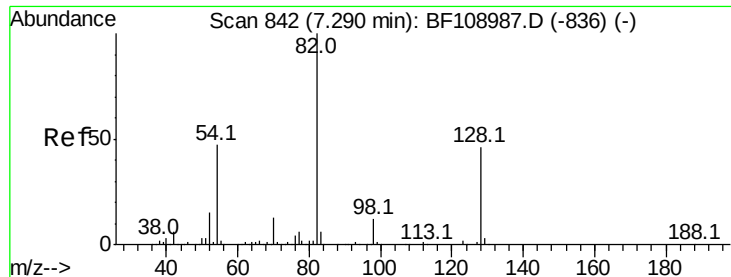
Abundance Ion 136.00 (135.70 to 136.70): E

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

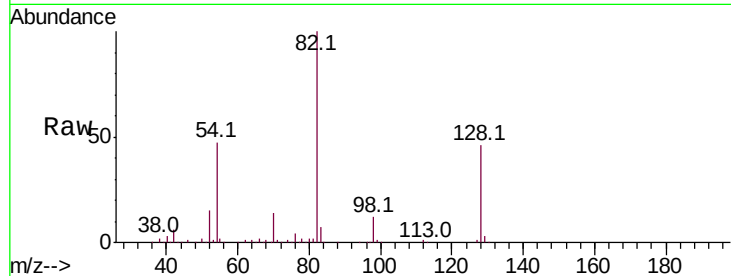




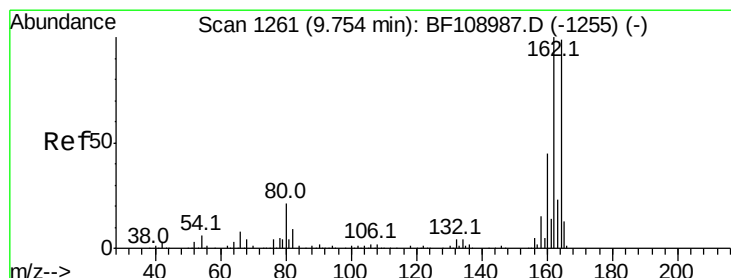
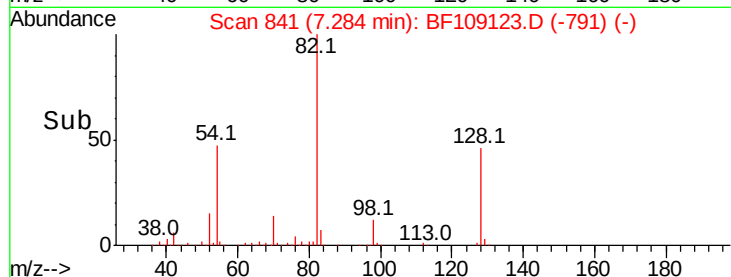
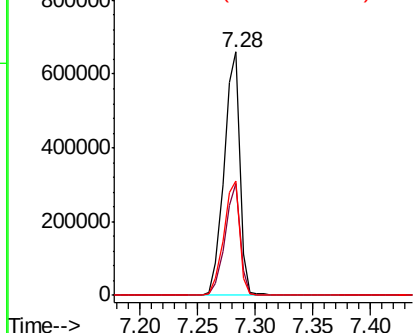
#23
 Nitrobenzene-d5
 Concen: 106.329 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109123.D
 Acq: 19 Sep 2018 4:15

Instrument :
 BNA_F
 ClientSampleId :
 091318-DBRI-E-D-S

Tot Ion: 82 Resp: 628111
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.1 54.1
 54 47.1 41.4 62.2

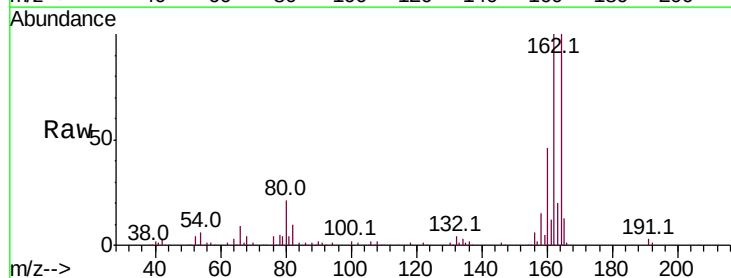


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

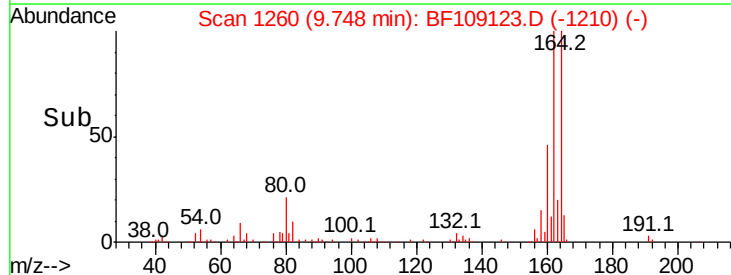
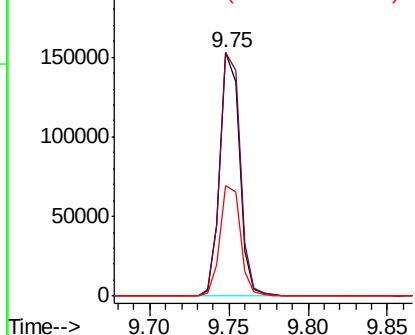


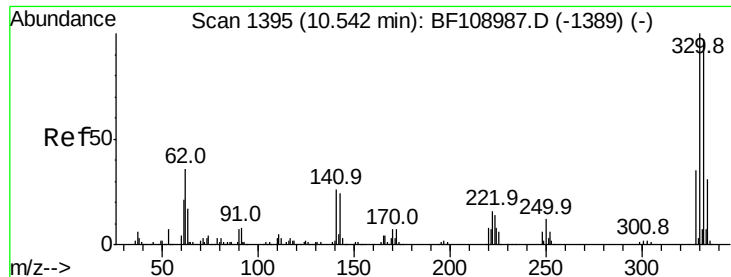
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109123.D
 Acq: 19 Sep 2018 4:15

Tgt Ion: 164 Resp: 131709
 Ion Ratio Lower Upper
 164 100
 162 100.1 86.1 129.1
 160 45.6 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

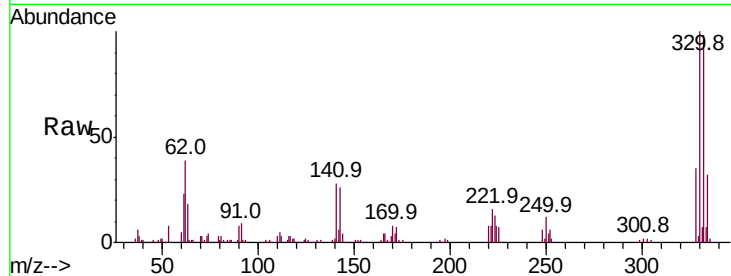




#41
 2,4,6-Tribromophenol
 Concen: 110.123 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109123.D
 Acq: 19 Sep 2018 4:15

Instrument :
 BNA_F
 ClientSampleId :
 091318-DBRI-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	31.6	29.9	44.9

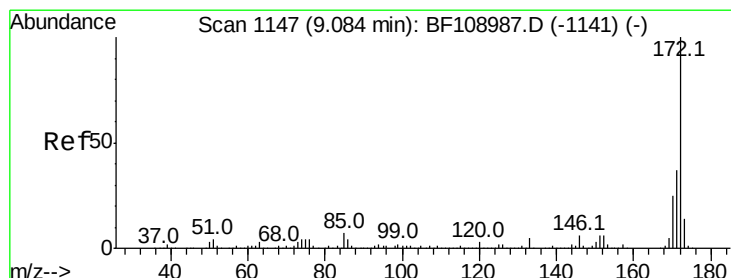
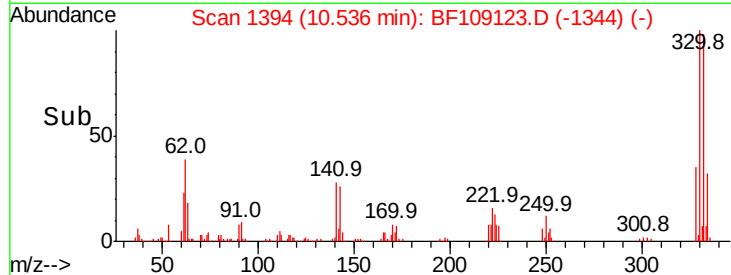
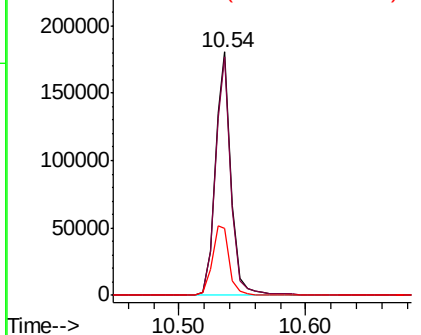


Abundance

Ion 329.80 (329.50 to 330.50): E

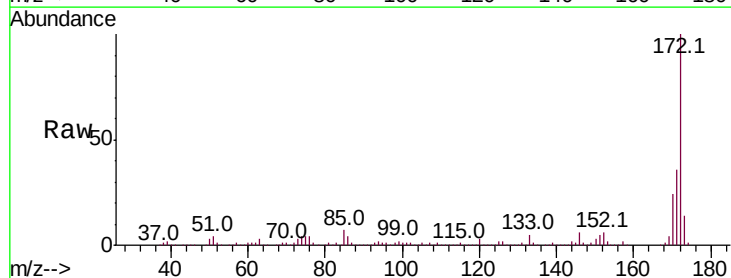
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 116.478 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109123.D
 Acq: 19 Sep 2018 4:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.5	19.6	29.4

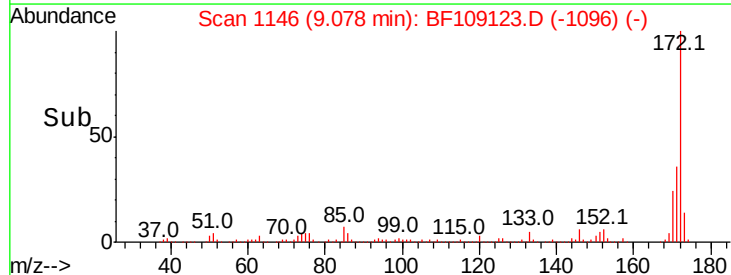
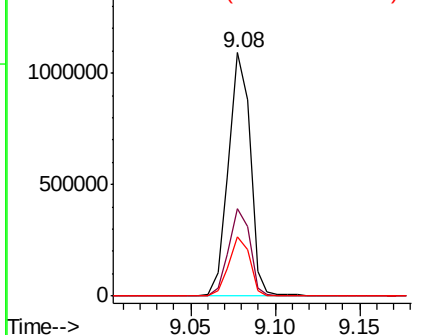


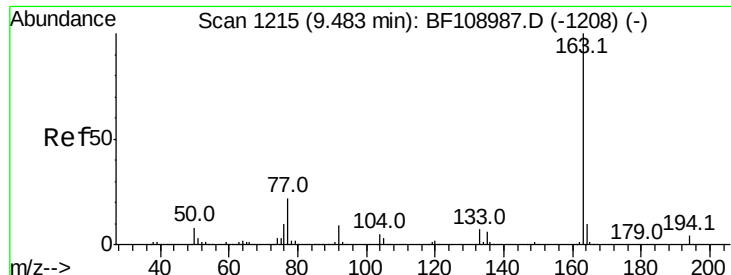
Abundance

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

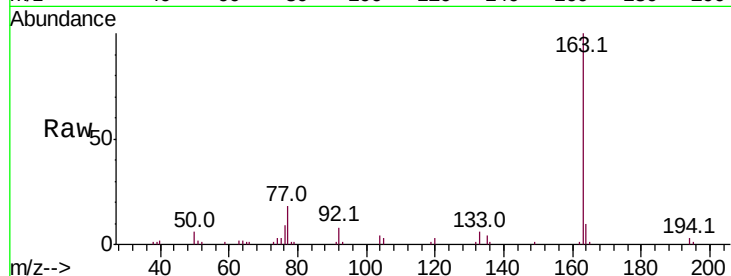




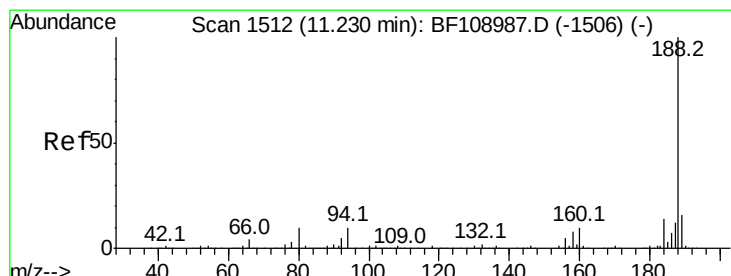
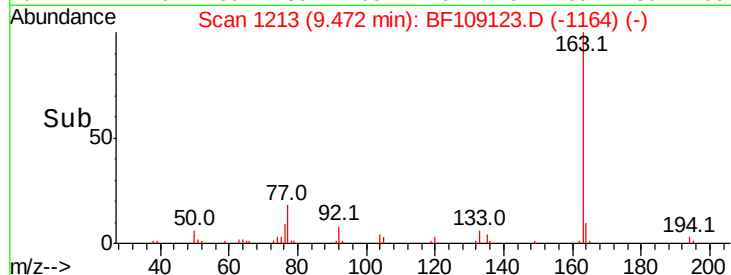
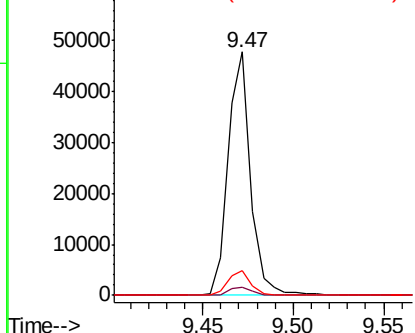
#49
 Dimethylphthalate
 Concen: 4.382 ng
 RT: 9.47 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF109123.D
 Acq: 19 Sep 2018 4:15

Instrument :
 BNA_F
 ClientSampleId :
 091318-DBRI-E-D-S

Tot Ion:163 Resp: 41255
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.7 4.1
 164 10.0 8.2 12.2

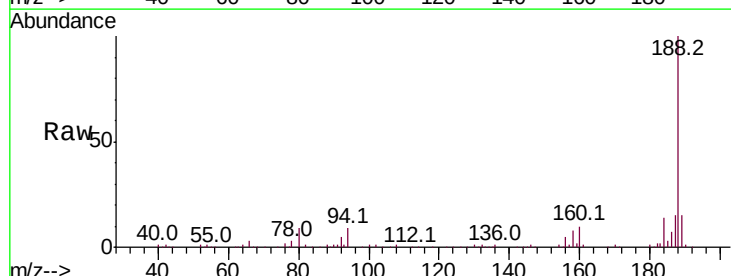


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

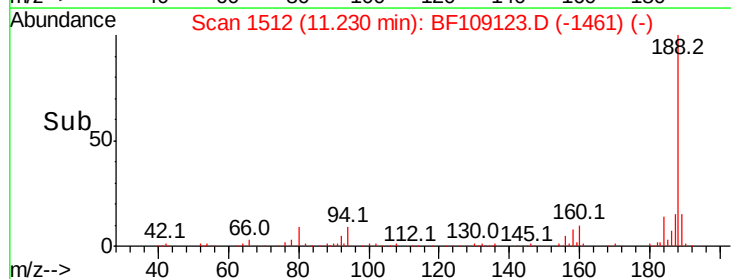
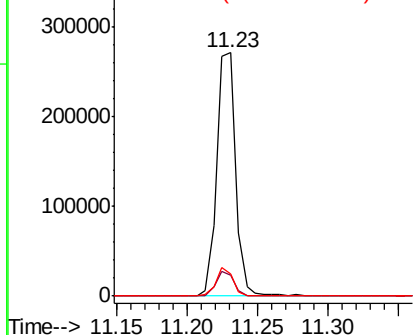


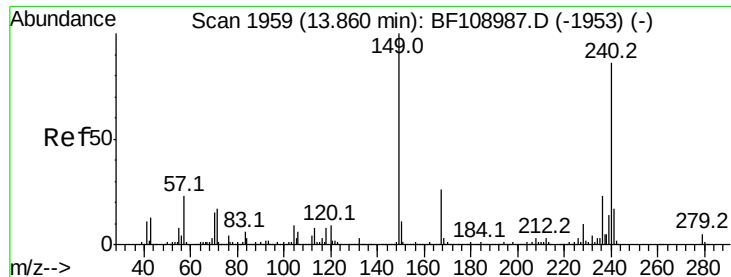
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF109123.D
 Acq: 19 Sep 2018 4:15

Tgt Ion:188 Resp: 253799
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.5 12.7
 80 9.2 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: BF109123.D

Acq: 19 Sep 2018 4:15

Instrument :

BNA_F

ClientSampleId :

091318-DBRI-E-D-S

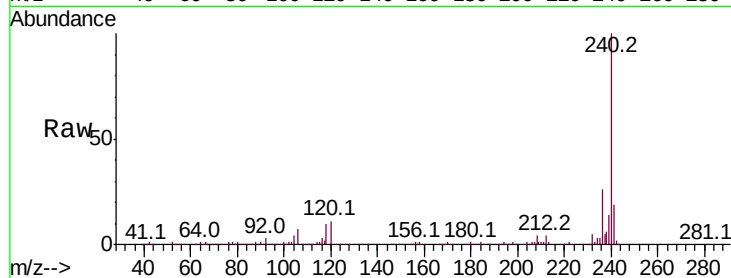
Tot Ion:240 Resp: 306042

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

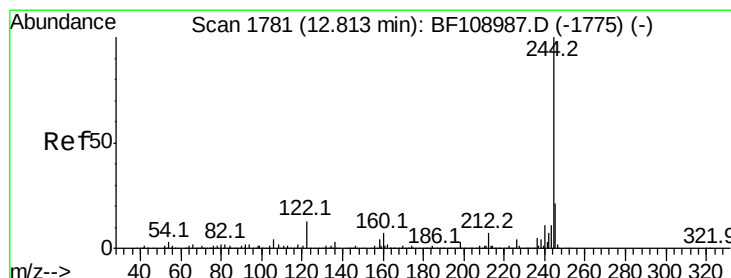
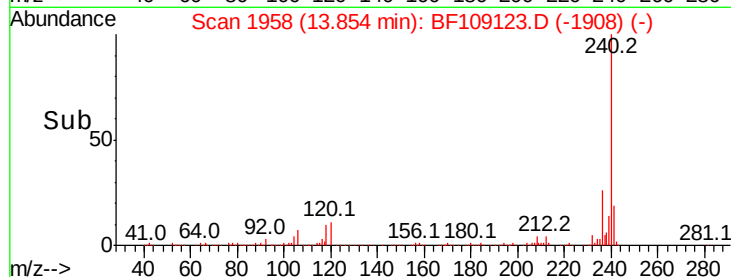
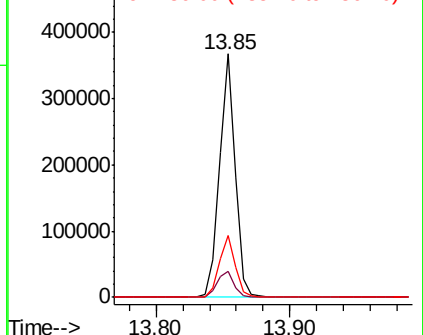
236 25.6 20.7 31.1



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: 91.676 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109123.D

Acq: 19 Sep 2018 4:15

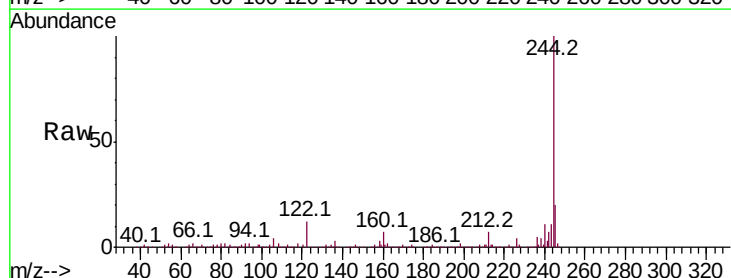
Tgt Ion:244 Resp: 1183696

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

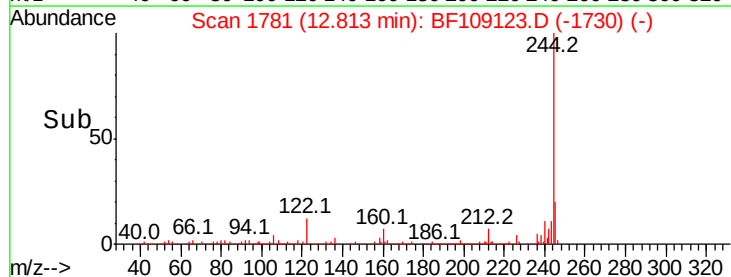
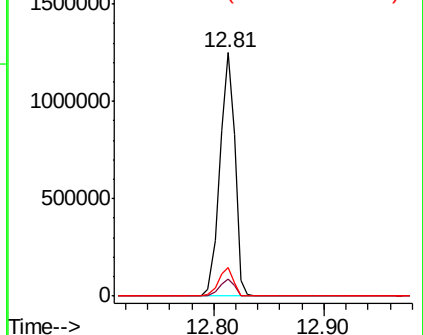
122 11.6 11.0 16.4

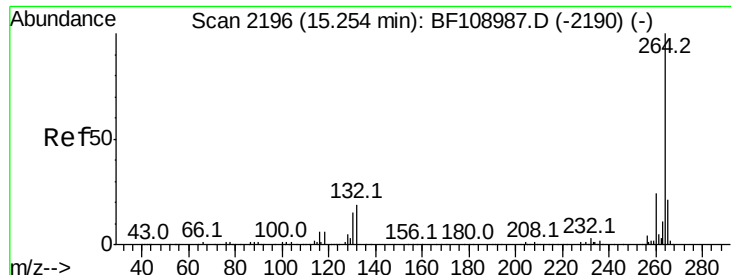


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

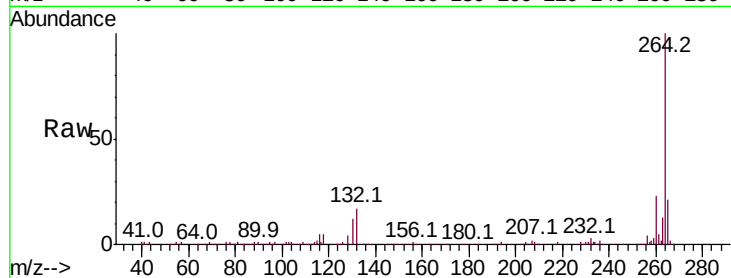




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF109123.D
 Acq: 19 Sep 2018 4:15

Instrument :
 BNA_F
 ClientSampleId :
 091318-DBRI-E-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.1	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

