

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109081.D
 Acq On : 18 Sep 2018 7:12
 Operator : JU/SJ
 Sample : J4907-11
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CBH-139(5)

Quant Time: Sep 18 08:38:08 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

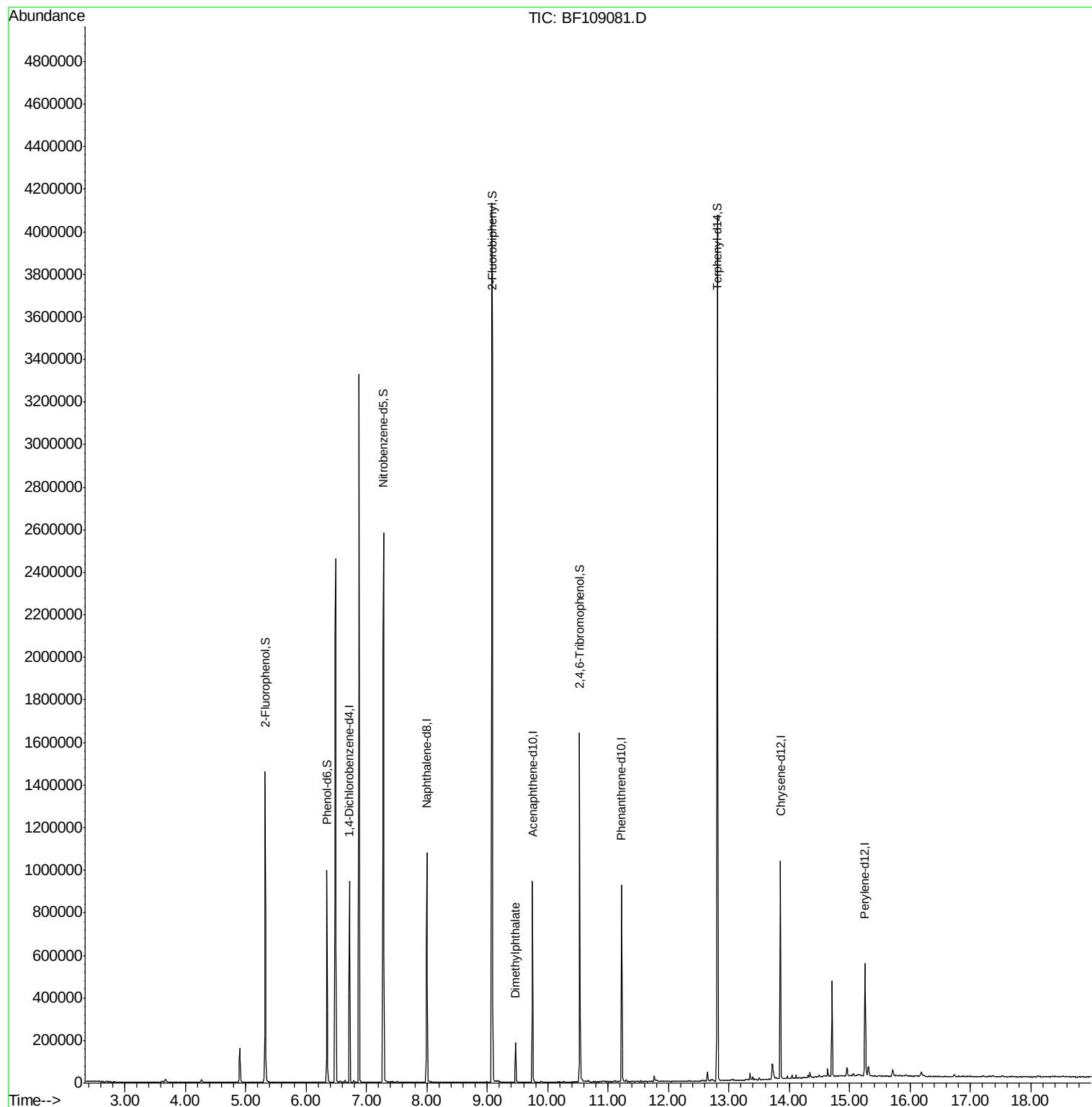
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	130093	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	432263	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	174950	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	323676	20.00	ng	0.00
75) Chrysene-d12	13.85	240	325870	20.00	ng	0.00
86) Perylene-d12	15.25	264	228069	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	370189	47.26	ng	0.00
7) Phenol-d6	6.35	99	278171	27.54	ng	-0.01
23) Nitrobenzene-d5	7.28	82	849416	110.22	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	194039	102.20	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1296079	116.07	ng	0.00
78) Terphenyl-d14	12.81	244	1356861	98.69	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	76695	6.133	ng	Qvalue 99

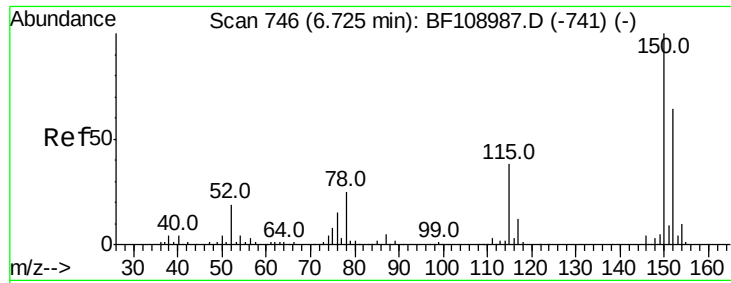
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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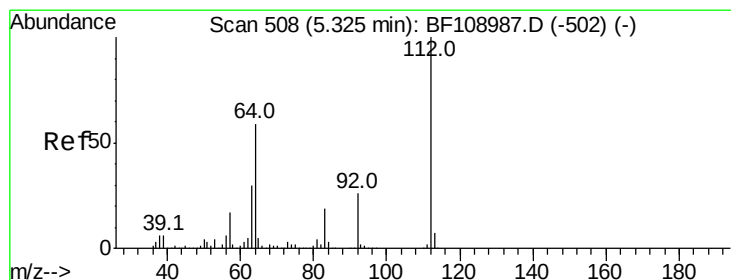
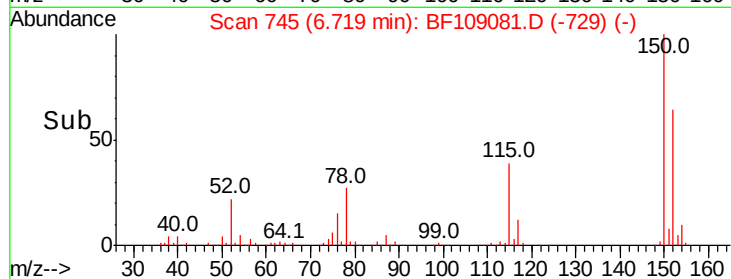
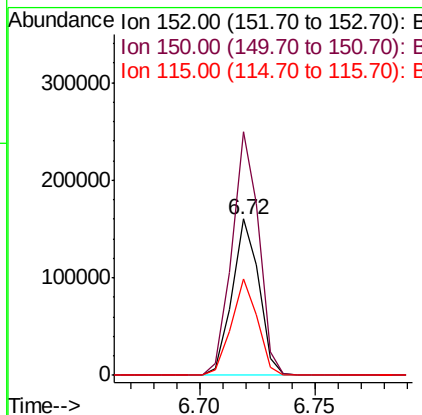
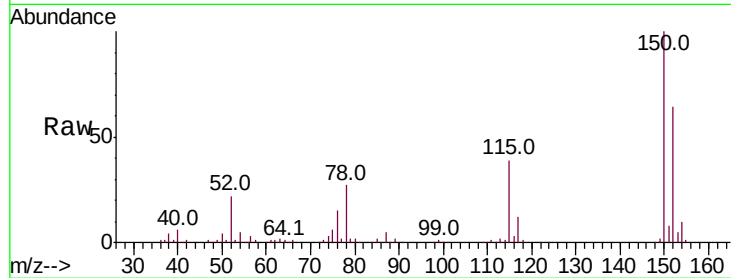


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109081.D
Acq: 18 Sep 2018 7:12

Instrument :
BNA_F
ClientSampleId :
CBH-139(5)

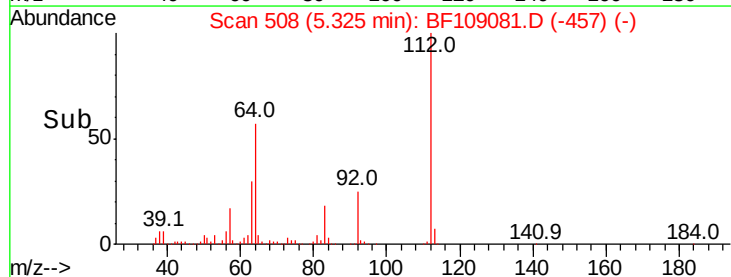
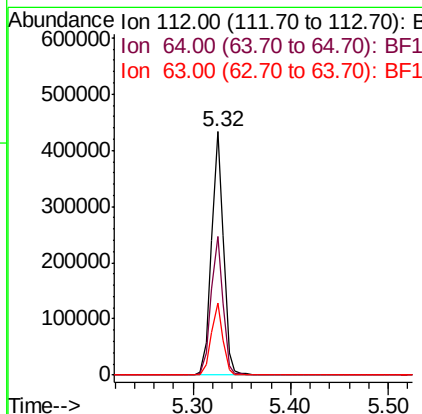
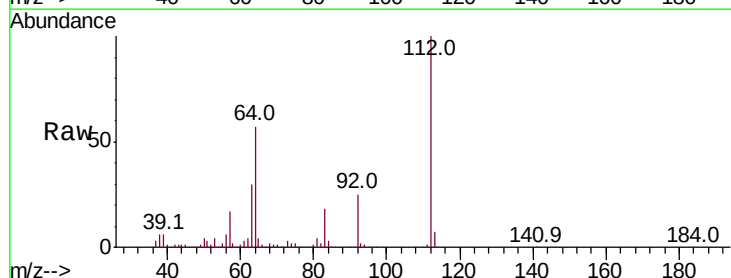
Tot Ion:152 Resp: 130093
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 61.3 50.1 75.1

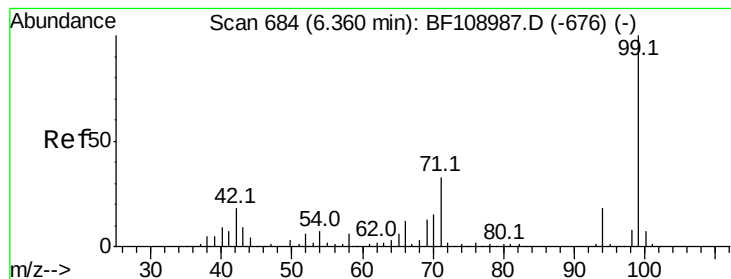


#5

2-Fluorophenol
Concen: 47.262 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109081.D
Acq: 18 Sep 2018 7:12

Tgt Ion:112 Resp: 370189
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 27.542 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109081.D

Acq: 18 Sep 2018 7:12

Instrument :

BNA_F

ClientSampleId :

CBH-139(5)

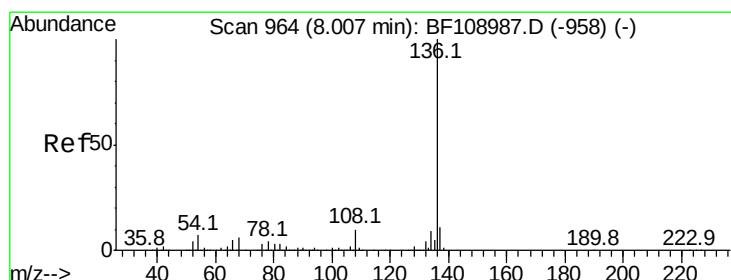
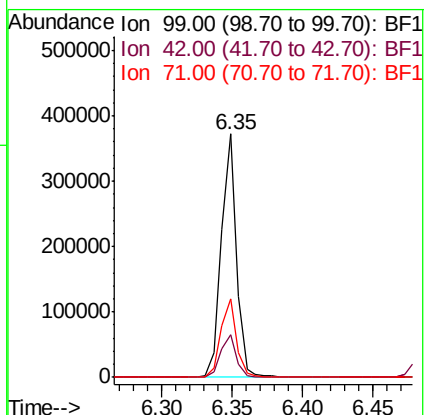
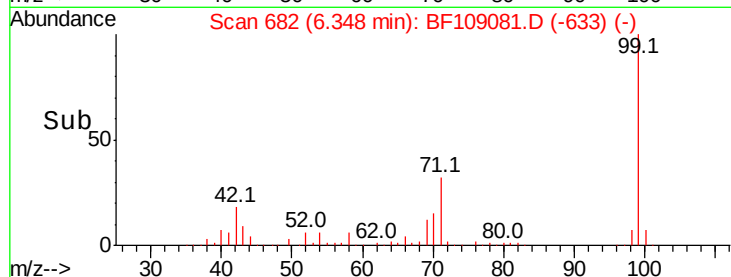
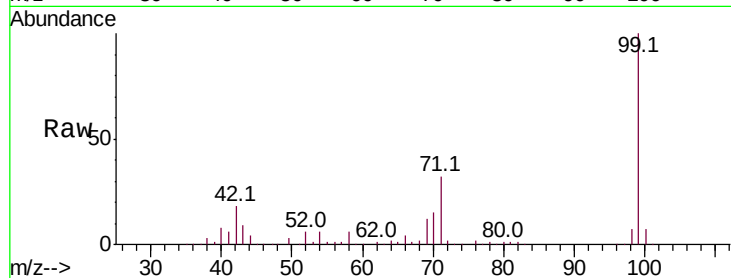
Tot Ion: 99 Resp: 278171

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

71 32.2 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: BF109081.D

Acq: 18 Sep 2018 7:12

Tgt Ion: 136 Resp: 432263

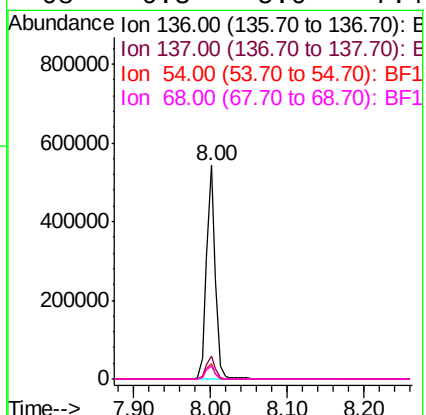
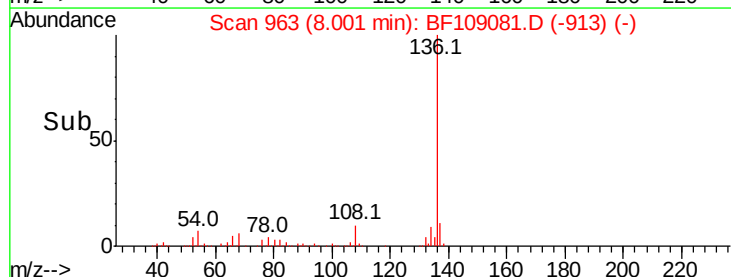
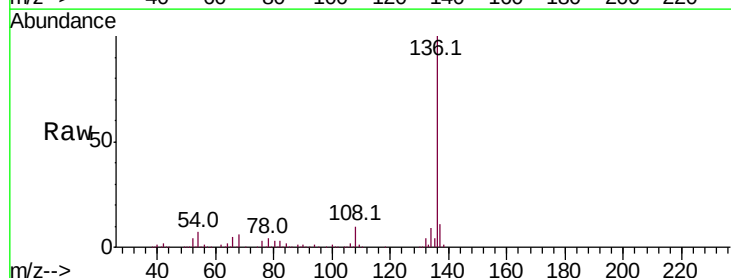
Ion Ratio Lower Upper

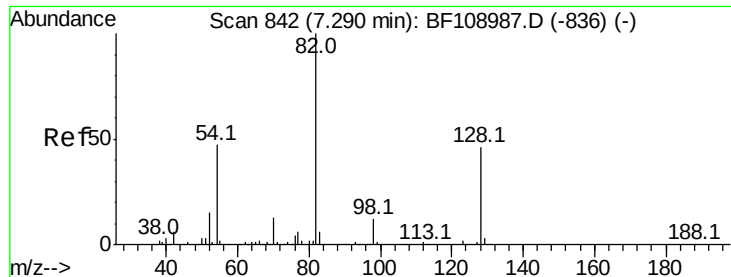
136 100

137 10.8 8.9 13.3

54 7.4 6.6 9.8

68 6.3 5.0 7.4

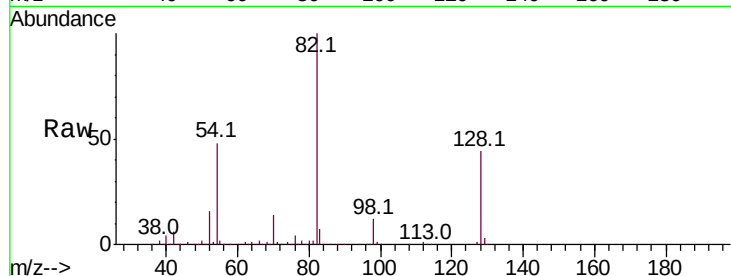




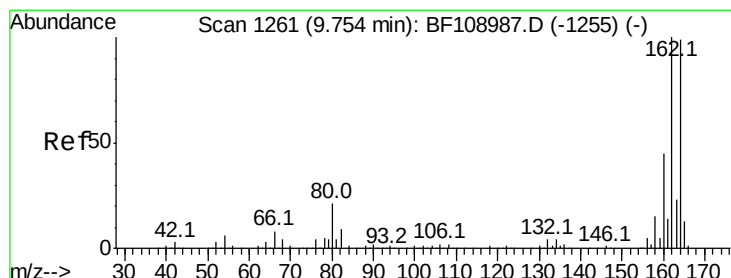
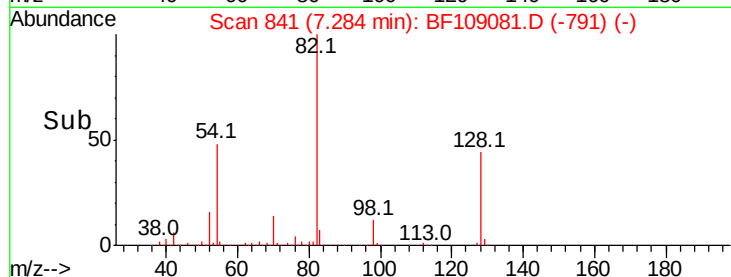
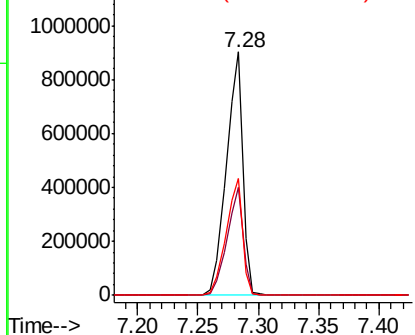
#23
Nitrobenzene-d5
Concen: 110.216 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109081.D
Acq: 18 Sep 2018 7:12

Instrument :
BNA_F
ClientSampleId :
CBH-139(5)

Tot Ion	82	Resp	849416
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	48.2	41.4	62.2

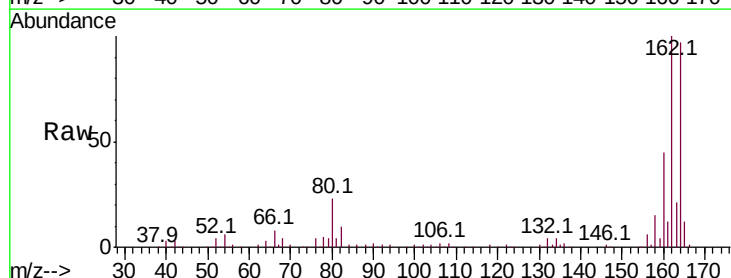


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

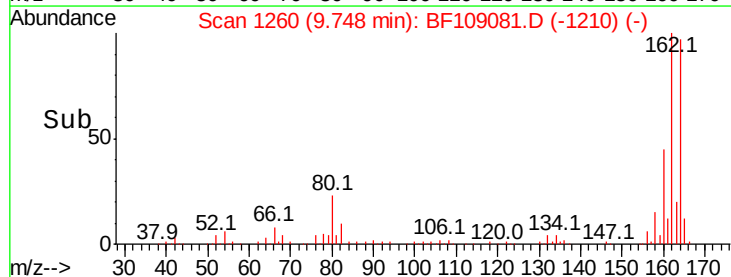
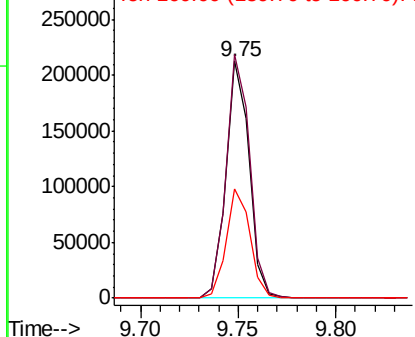


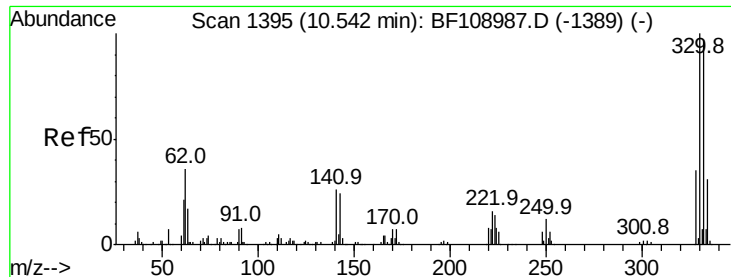
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109081.D
Acq: 18 Sep 2018 7:12

Tgt Ion	164	Resp	174950
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	102.8	38.3	57.5
160	46.0		



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

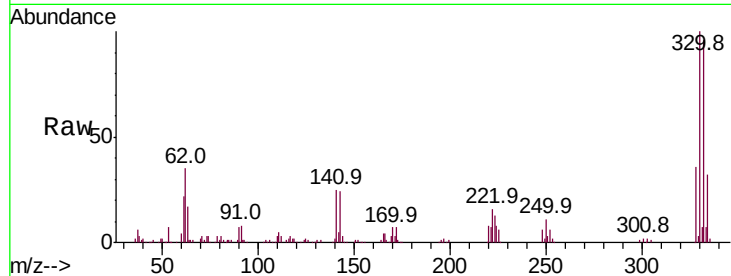




#41
 2,4,6-Tribromophenol
 Concen: 102.197 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109081.D
 Acq: 18 Sep 2018 7:12

Instrument :
 BNA_F
 ClientSampleId :
 CBH-139(5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	32.7	29.9	44.9

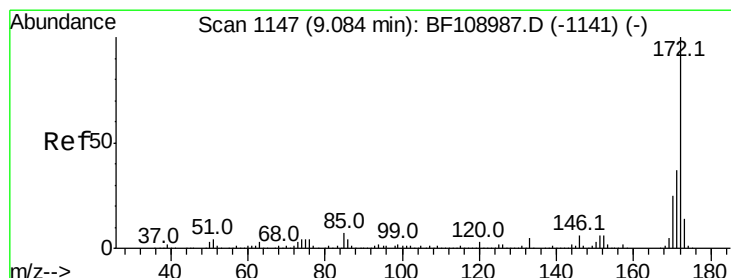
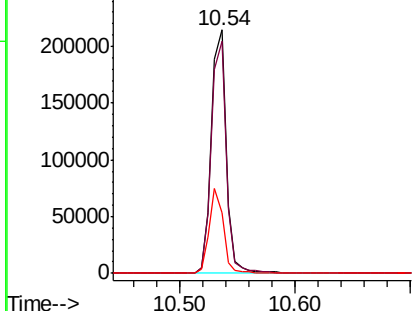
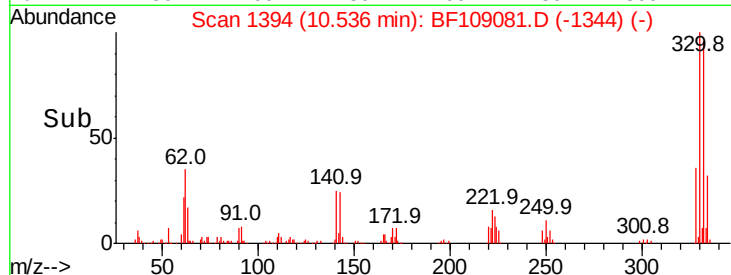


Abundance

Ion 329.80 (329.50 to 330.50): E

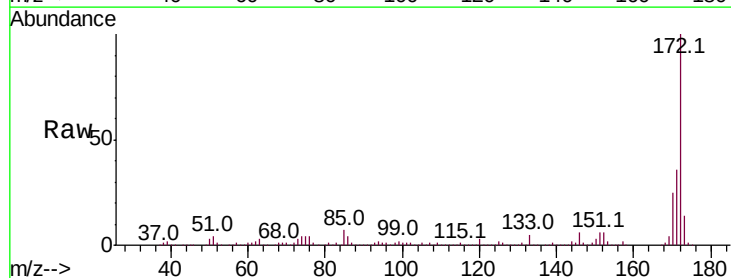
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 116.068 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109081.D
 Acq: 18 Sep 2018 7:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.8	19.6	29.4

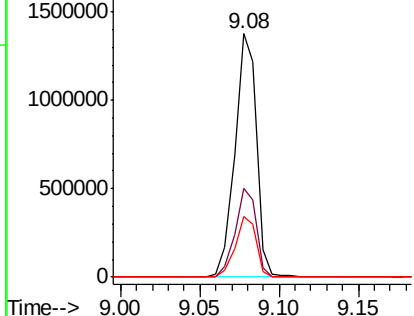
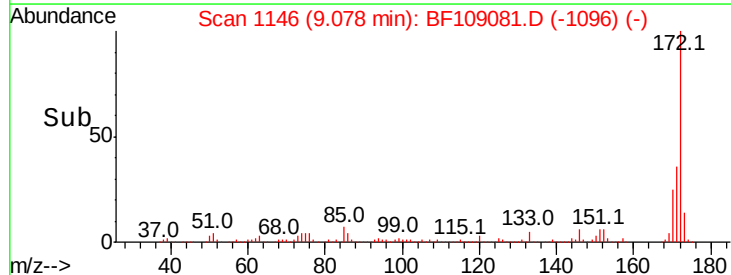


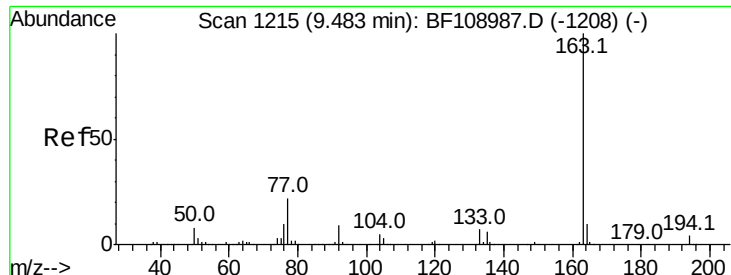
Abundance

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

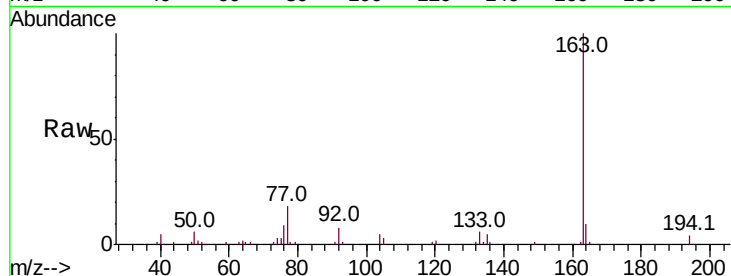




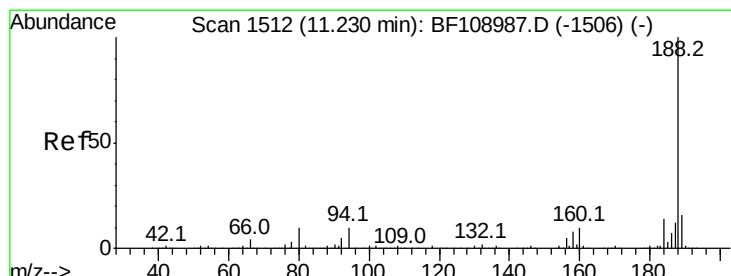
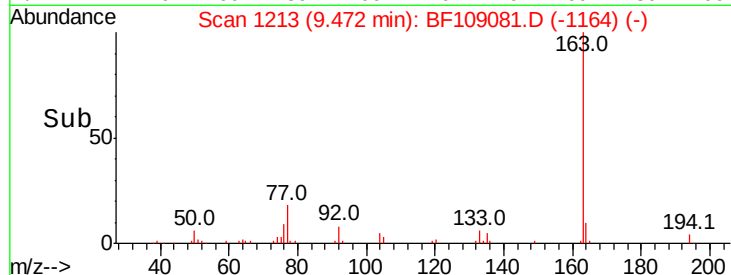
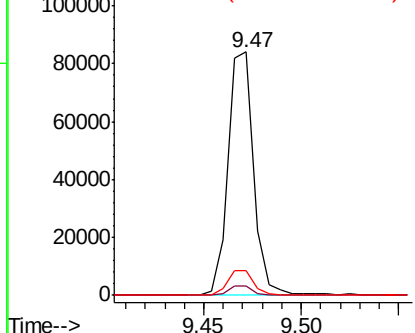
#49
Dimethylphthalate
Concen: 6.133 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109081.D
Acq: 18 Sep 2018 7:12

Instrument :
BNA_F
ClientSampled :
CBH-139(5)

Tot Ion:163 Resp: 76695
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.4 8.2 12.2

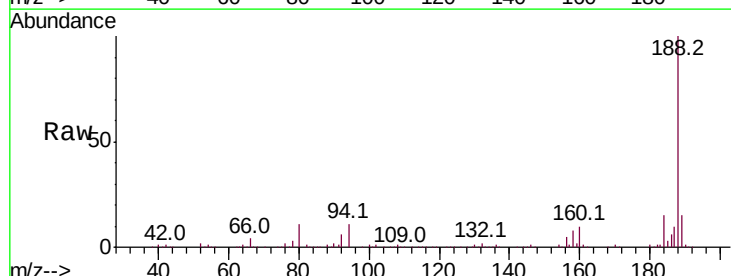


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

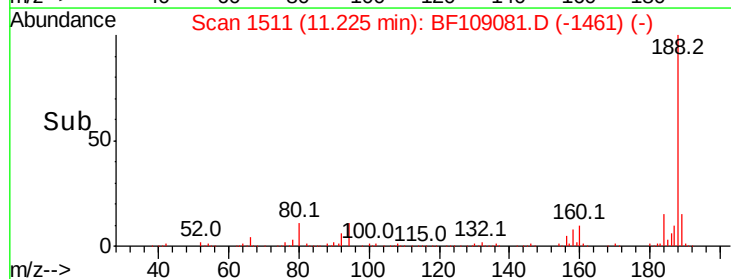
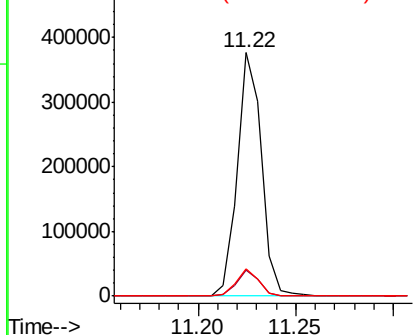


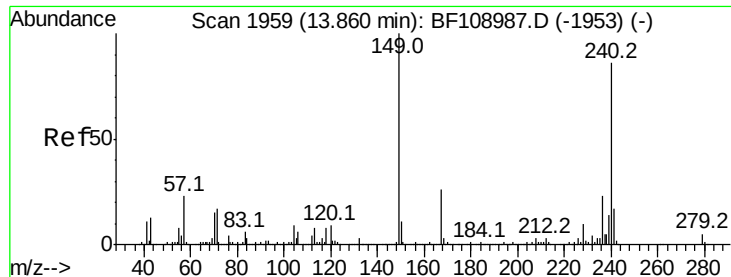
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109081.D
Acq: 18 Sep 2018 7:12

Tgt Ion:188 Resp: 323676
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.3 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: BF109081.D

Acq: 18 Sep 2018 7:12

Instrument :

BNA_F

ClientSampleId :

CBH-139(5)

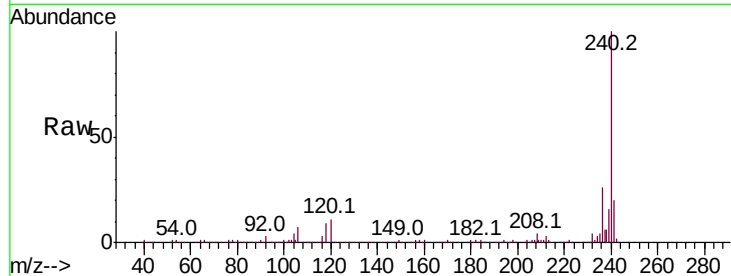
Tot Ion:240 Resp: 325870

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

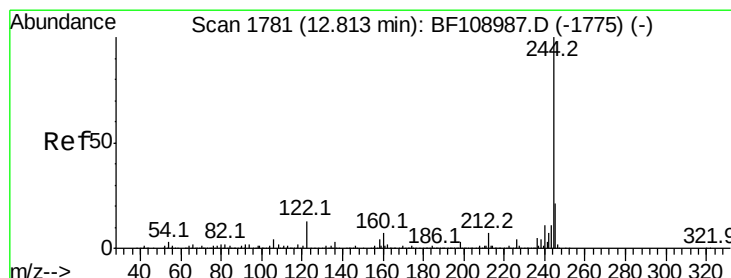
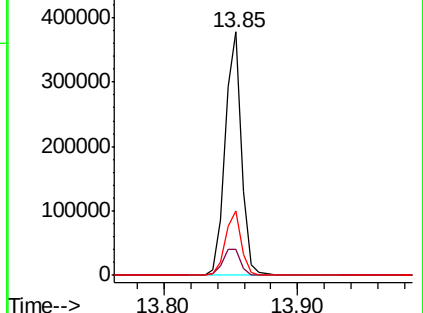
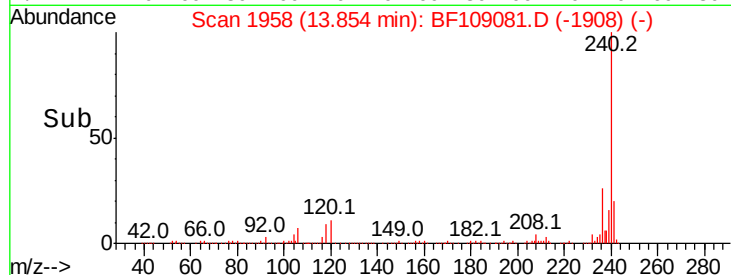
236 26.4 20.7 31.1



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: 98.693 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109081.D

Acq: 18 Sep 2018 7:12

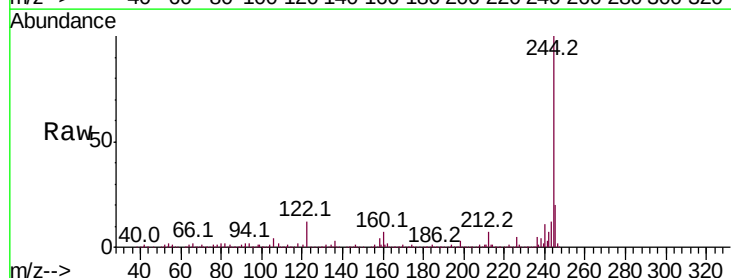
Tgt Ion:244 Resp: 1356861

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

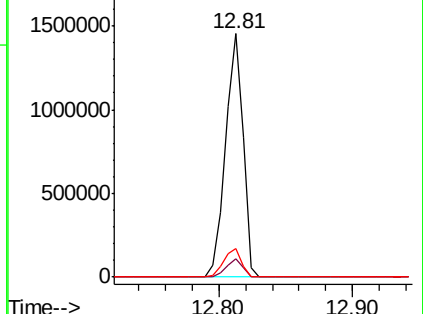
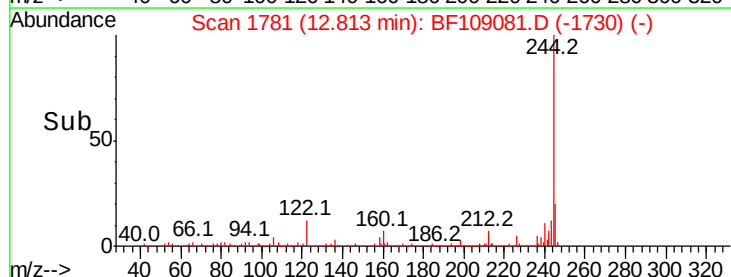
122 12.0 11.0 16.4

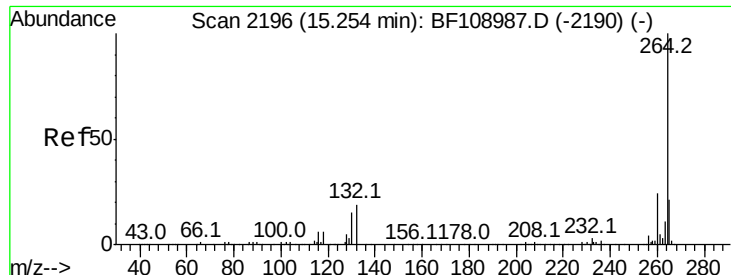


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.25 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF109081.D
Acq: 18 Sep 2018 7:12

Instrument :
BNA_F
ClientSampleId :
CBH-139(5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	17.5	26.3

