

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109078.D
 Acq On : 18 Sep 2018 5:50
 Operator : JU/SJ
 Sample : J4907-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CBH-128(2)

Quant Time: Sep 18 06:48:43 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

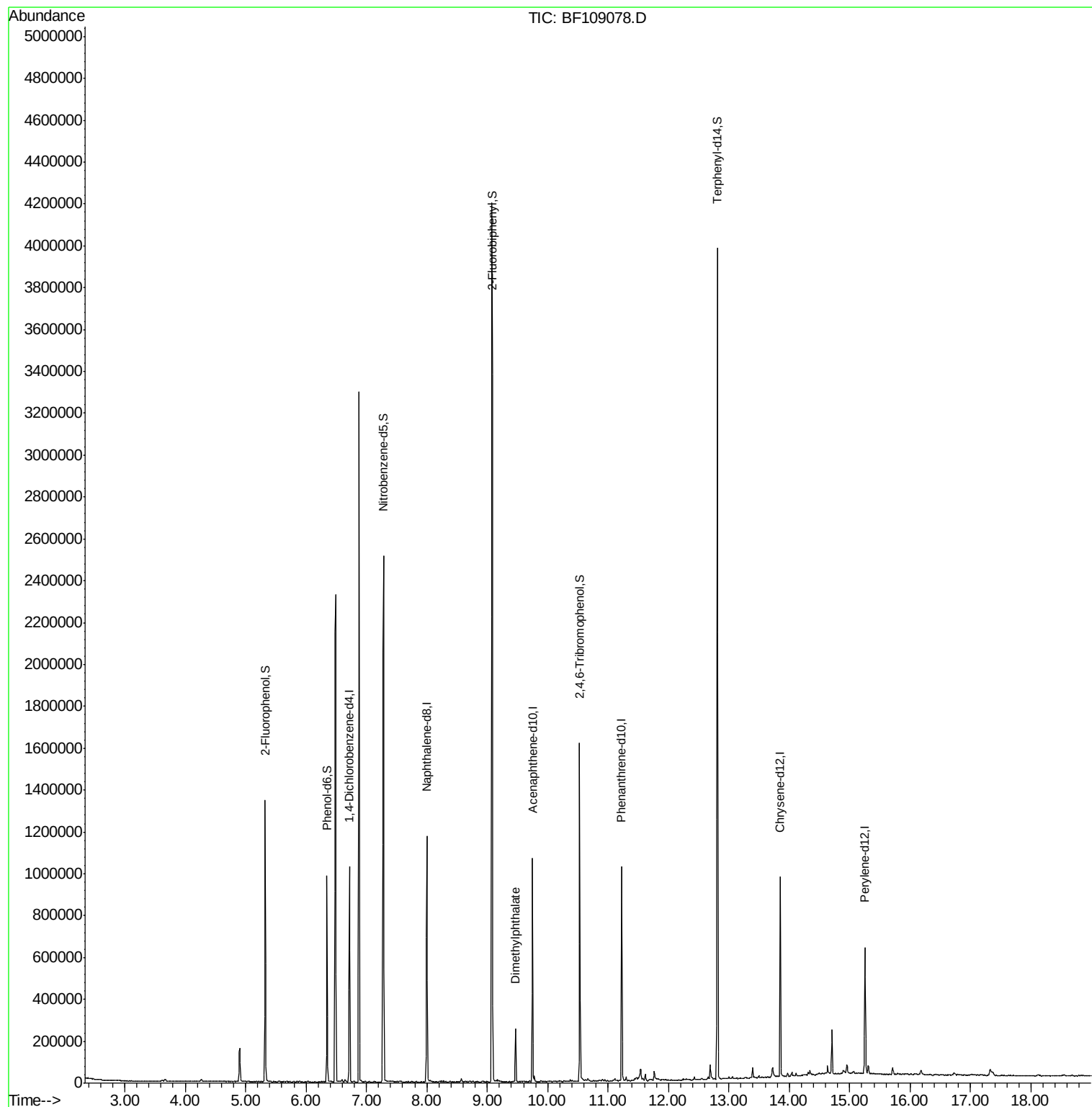
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	134598	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	459878	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	195026	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	363357	20.00	ng	0.00
75) Chrysene-d12	13.85	240	334936	20.00	ng	0.00
86) Perylene-d12	15.25	264	255537	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	355329	43.85	ng	0.00
7) Phenol-d6	6.35	99	274510	26.27	ng	-0.01
23) Nitrobenzene-d5	7.28	82	841741	102.66	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	205541	97.11	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1323865	106.35	ng	0.00
78) Terphenyl-d14	12.81	244	1359842	96.23	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	102354	7.343	ng	Qvalue 98

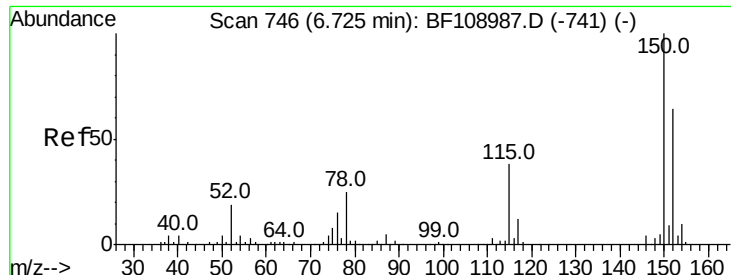
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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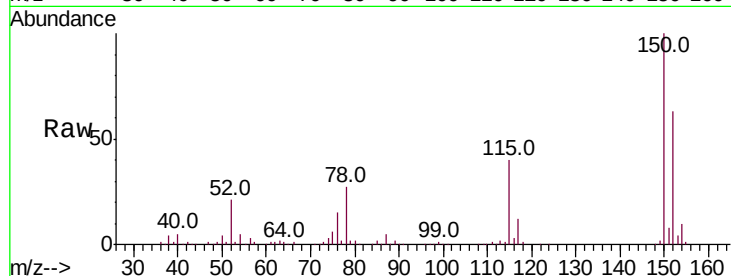


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109078.D
Acq: 18 Sep 2018 5:50

Instrument :
BNA_F
ClientSampleId :
CBH-128(2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	63.5	50.1	75.1

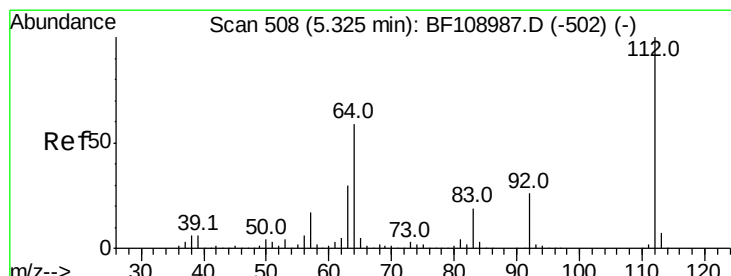
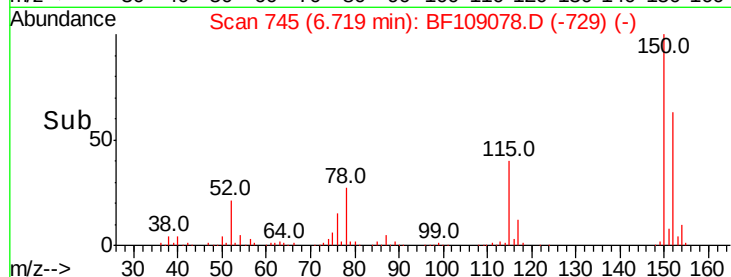
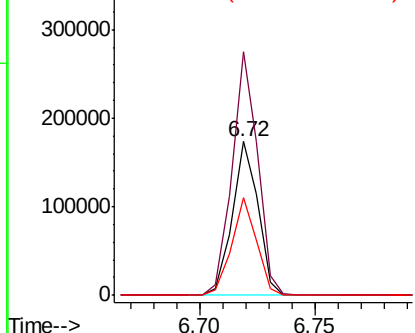


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

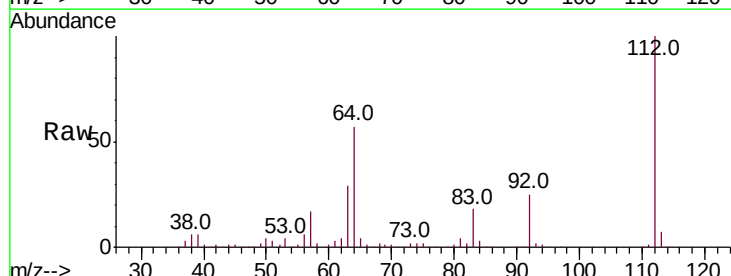
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.846 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109078.D
Acq: 18 Sep 2018 5:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.9	71.9
63	28.8	23.7	35.5

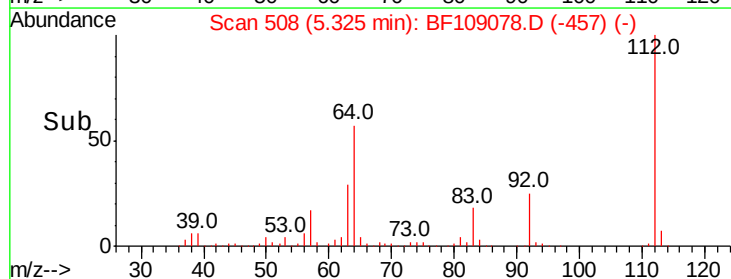
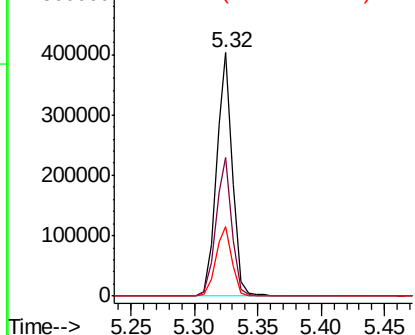


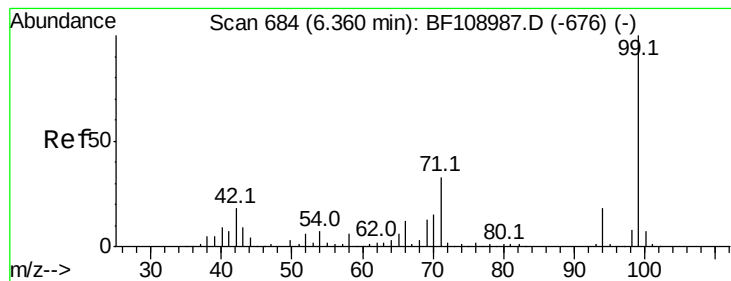
Abundance

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: 26.270 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109078.D

Acq: 18 Sep 2018 5:50

Instrument :

BNA_F

ClientSampleId :

CBH-128(2)

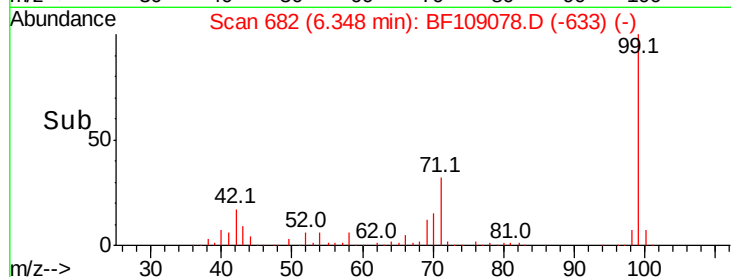
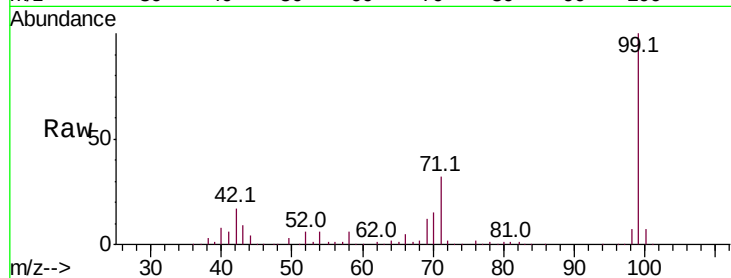
Tot Ion: 99 Resp: 274510

Ion Ratio Lower Upper

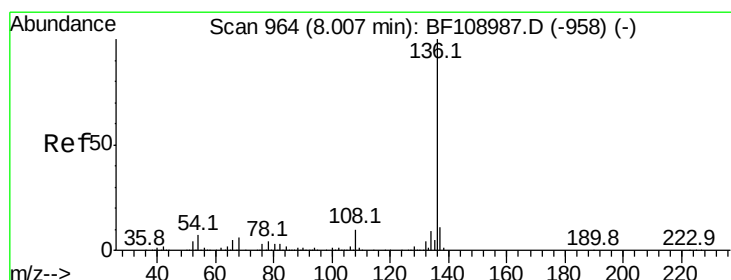
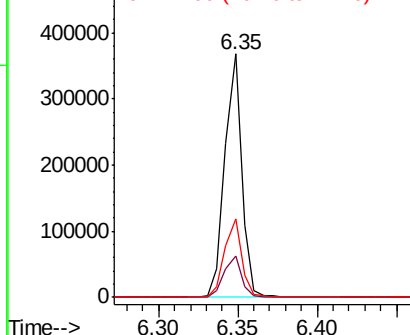
99 100

42 17.1 14.5 21.7

71 32.1 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: BF109078.D

Acq: 18 Sep 2018 5:50

Tgt Ion: 136 Resp: 459878

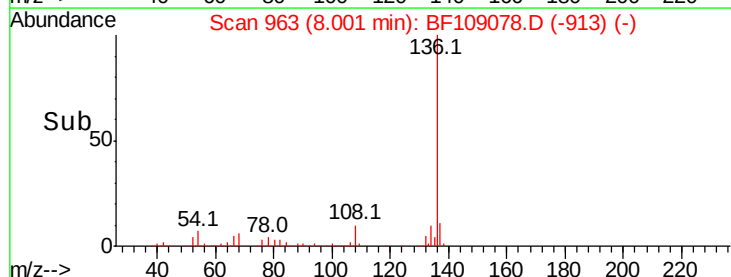
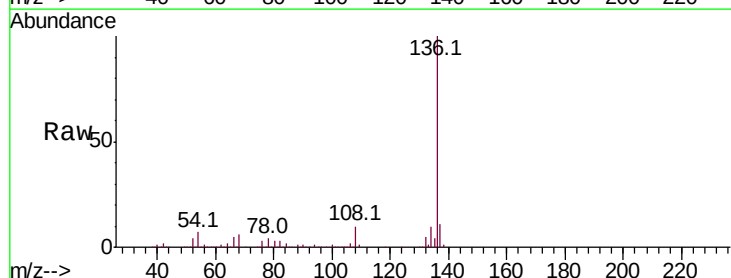
Ion Ratio Lower Upper

136 100

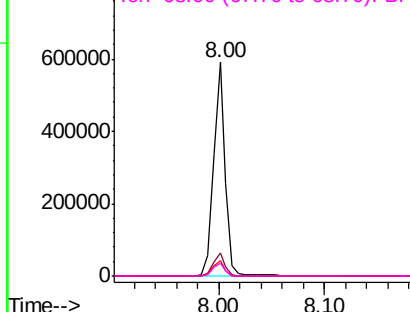
137 10.7 8.9 13.3

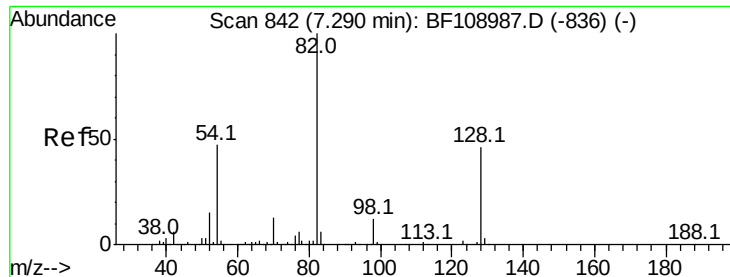
54 7.2 6.6 9.8

68 6.2 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

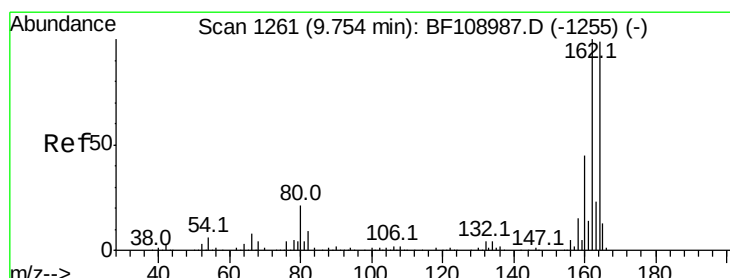
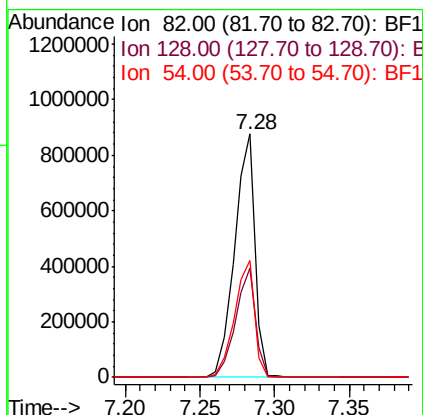
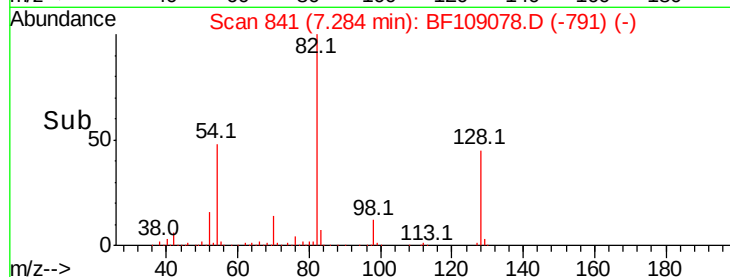
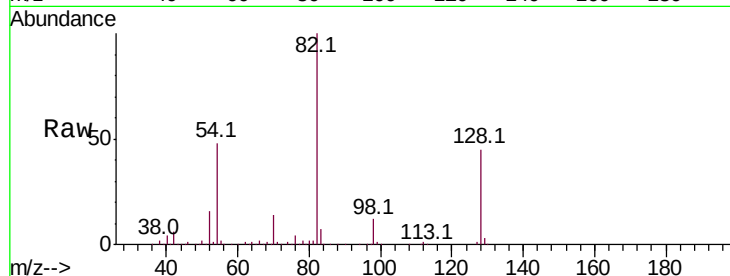




#23
 Nitrobenzene-d5
 Concen: 102.661 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109078.D
 Acq: 18 Sep 2018 5:50

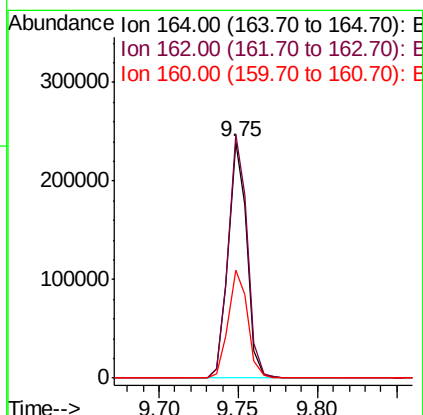
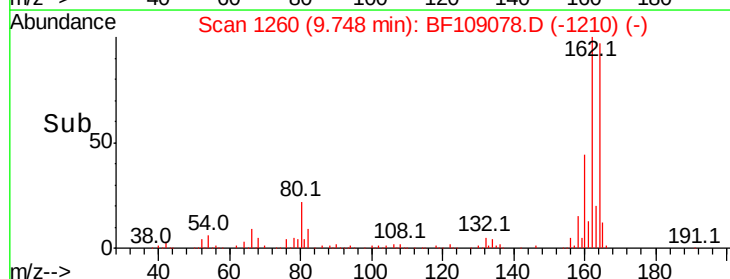
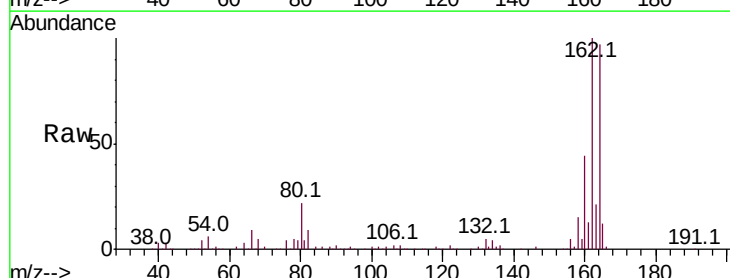
Instrument :
 BNA_F
 ClientSampleId :
 CBH-128(2)

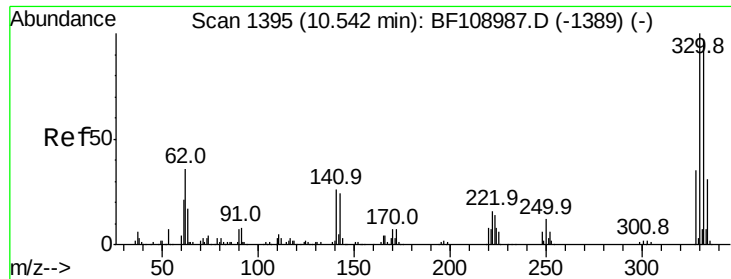
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	47.9	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109078.D
 Acq: 18 Sep 2018 5:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	45.5	38.3	57.5

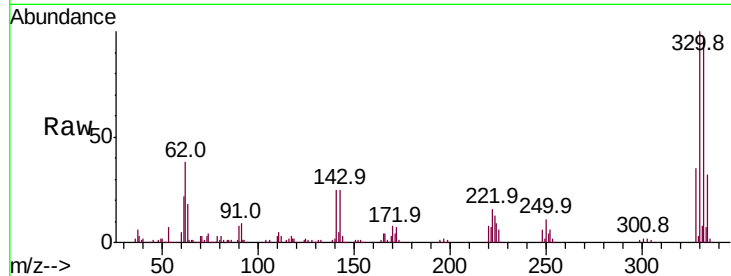




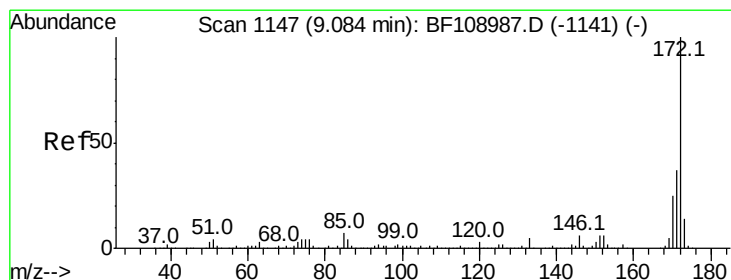
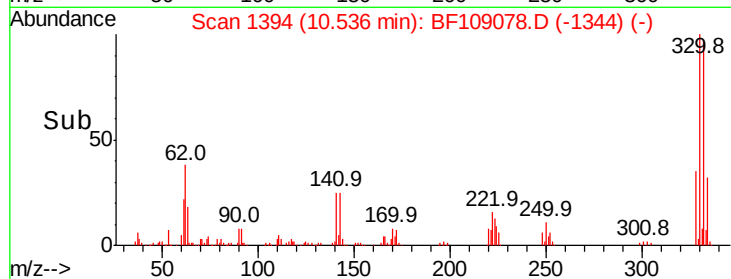
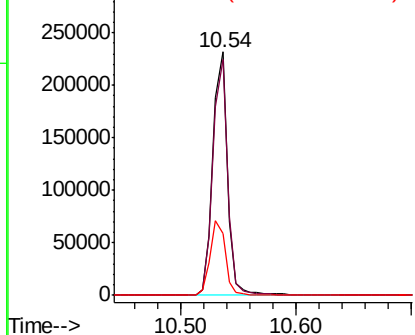
#41
 2,4,6-Tribromophenol
 Concen: 97.111 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109078.D
 Acq: 18 Sep 2018 5:50

Instrument :
 BNA_F
 ClientSampleId :
 CBH-128(2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	32.1	29.9	44.9

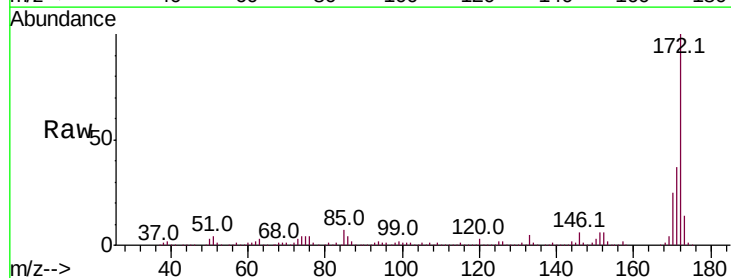


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

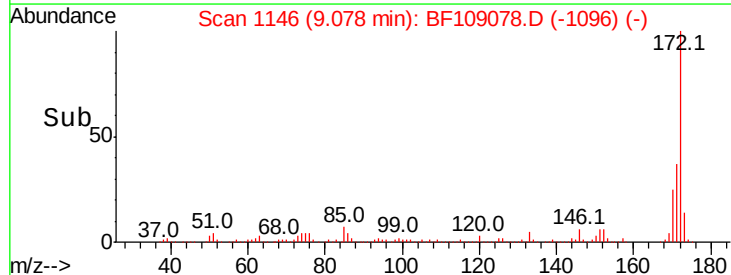
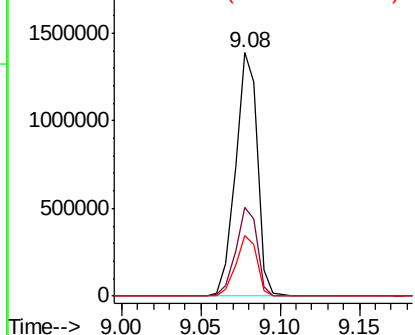


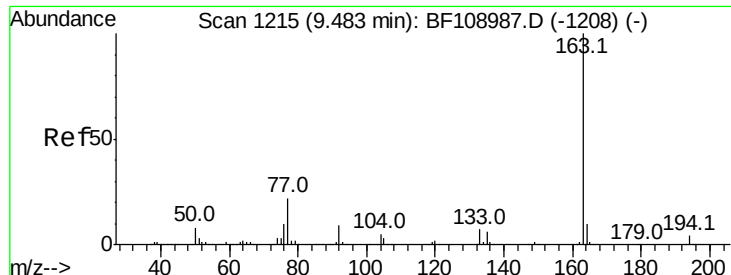
#44
 2-Fluorobiphenyl
 Concen: 106.352 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109078.D
 Acq: 18 Sep 2018 5:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.7	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

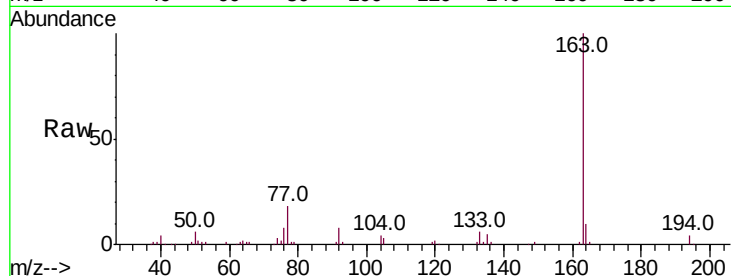




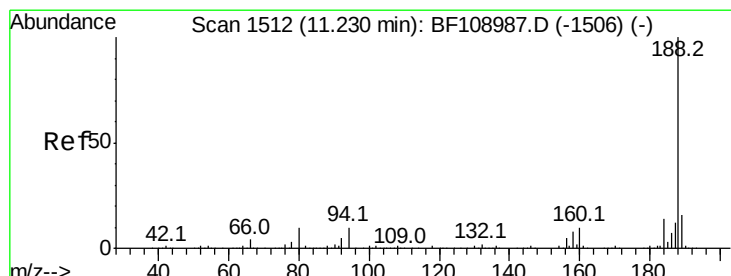
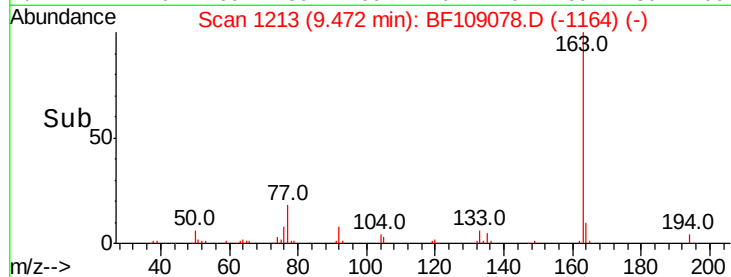
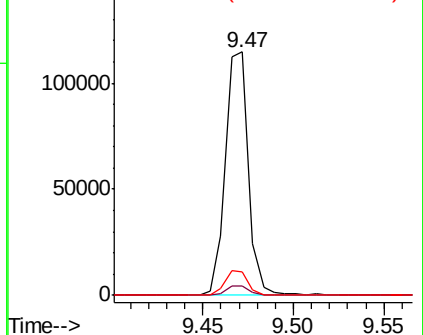
#49
Dimethylphthalate
Concen: 7.343 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109078.D
Acq: 18 Sep 2018 5:50

Instrument :
BNA_F
ClientSampleId :
CBH-128(2)

Tot Ion:163 Resp: 102354
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.7 8.2 12.2

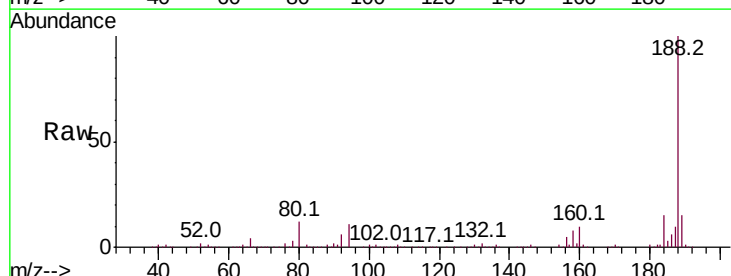


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

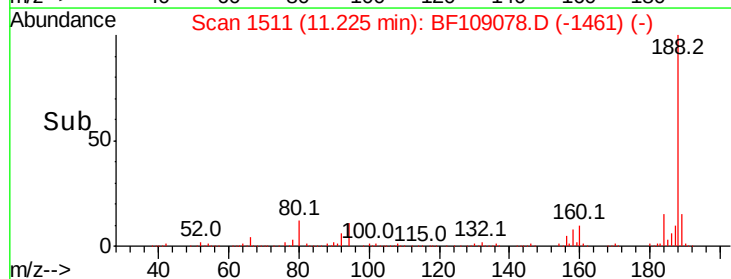
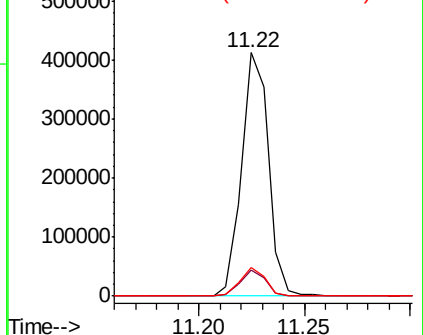


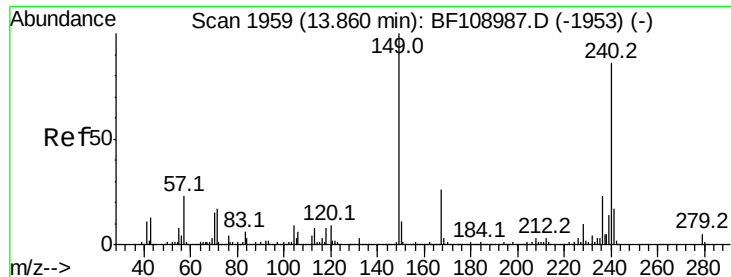
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109078.D
Acq: 18 Sep 2018 5:50

Tgt Ion:188 Resp: 363357
Ion Ratio Lower Upper
188 100
94 10.8 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: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109078.D

Acq: 18 Sep 2018 5:50

Instrument :

BNA_F

ClientSampleId :

CBH-128(2)

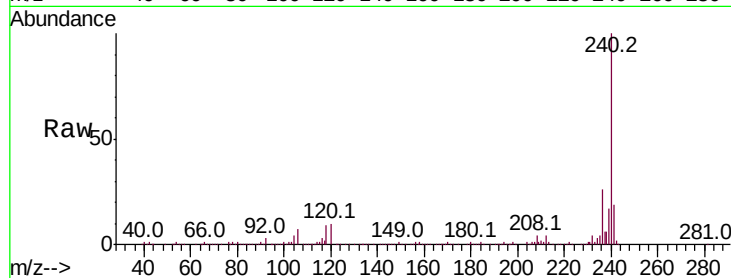
Tot Ion:240 Resp: 334936

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

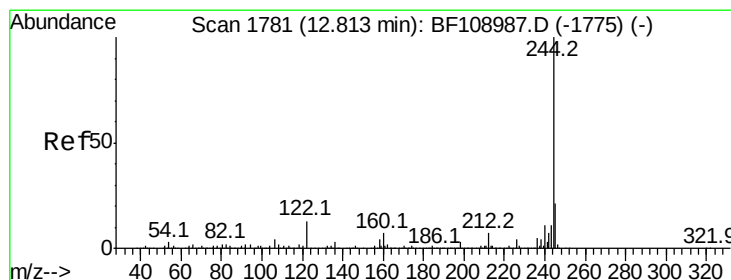
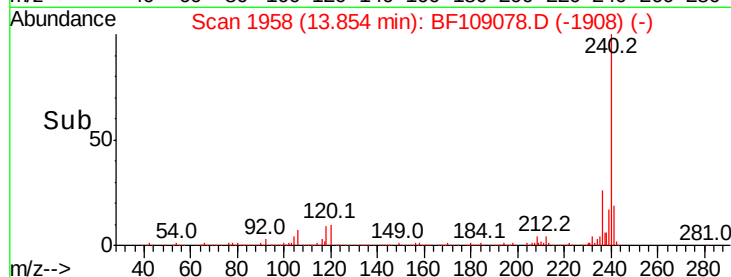
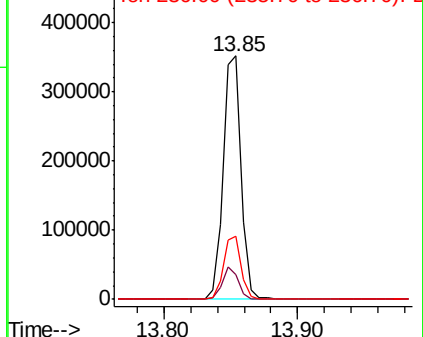
236 25.9 20.7 31.1



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: 96.233 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109078.D

Acq: 18 Sep 2018 5:50

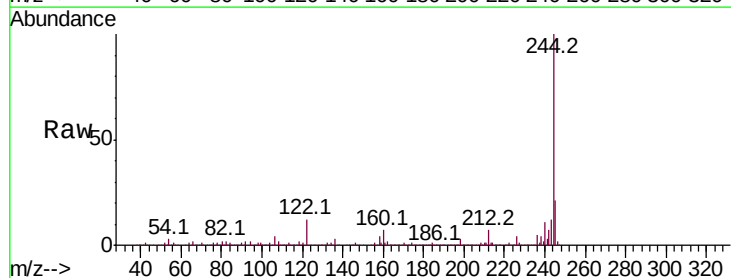
Tgt Ion:244 Resp: 1359842

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

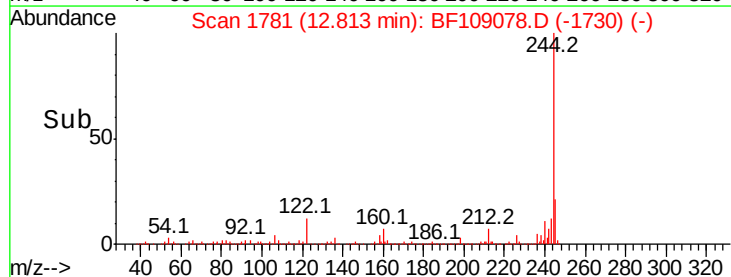
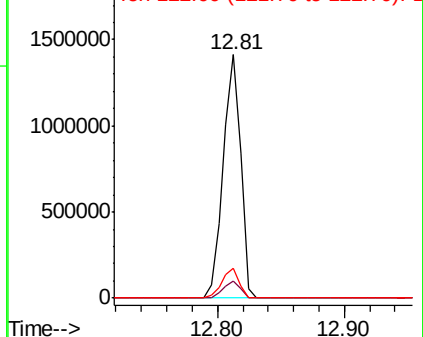
122 12.1 11.0 16.4

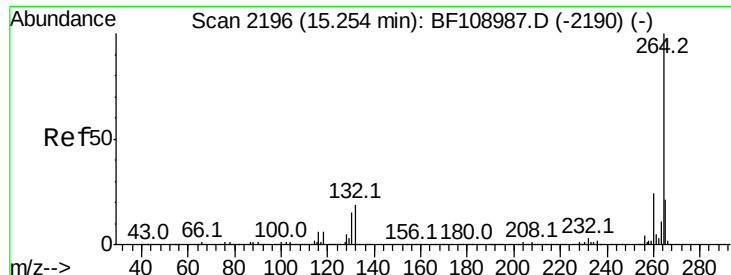


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109078.D
Acq: 18 Sep 2018 5:50

Instrument :
BNA_F
ClientSampleId :
CBH-128(2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.5	26.3

