

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109076.D
 Acq On : 18 Sep 2018 4:55
 Operator : JU/SJ
 Sample : J4907-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CBH-591(1)

Quant Time: Sep 18 06:45:04 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	128184	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	442683	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	186677	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	344472	20.00	ng	0.00
75) Chrysene-d12	13.85	240	330183	20.00	ng	0.00
86) Perylene-d12	15.25	264	245432	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	324874	42.09	ng	0.00
7) Phenol-d6	6.35	99	256442	25.77	ng	-0.01
23) Nitrobenzene-d5	7.28	82	806298	102.16	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	202767	100.09	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1306437	109.65	ng	0.00
78) Terphenyl-d14	12.81	244	1364166	97.93	ng	0.00

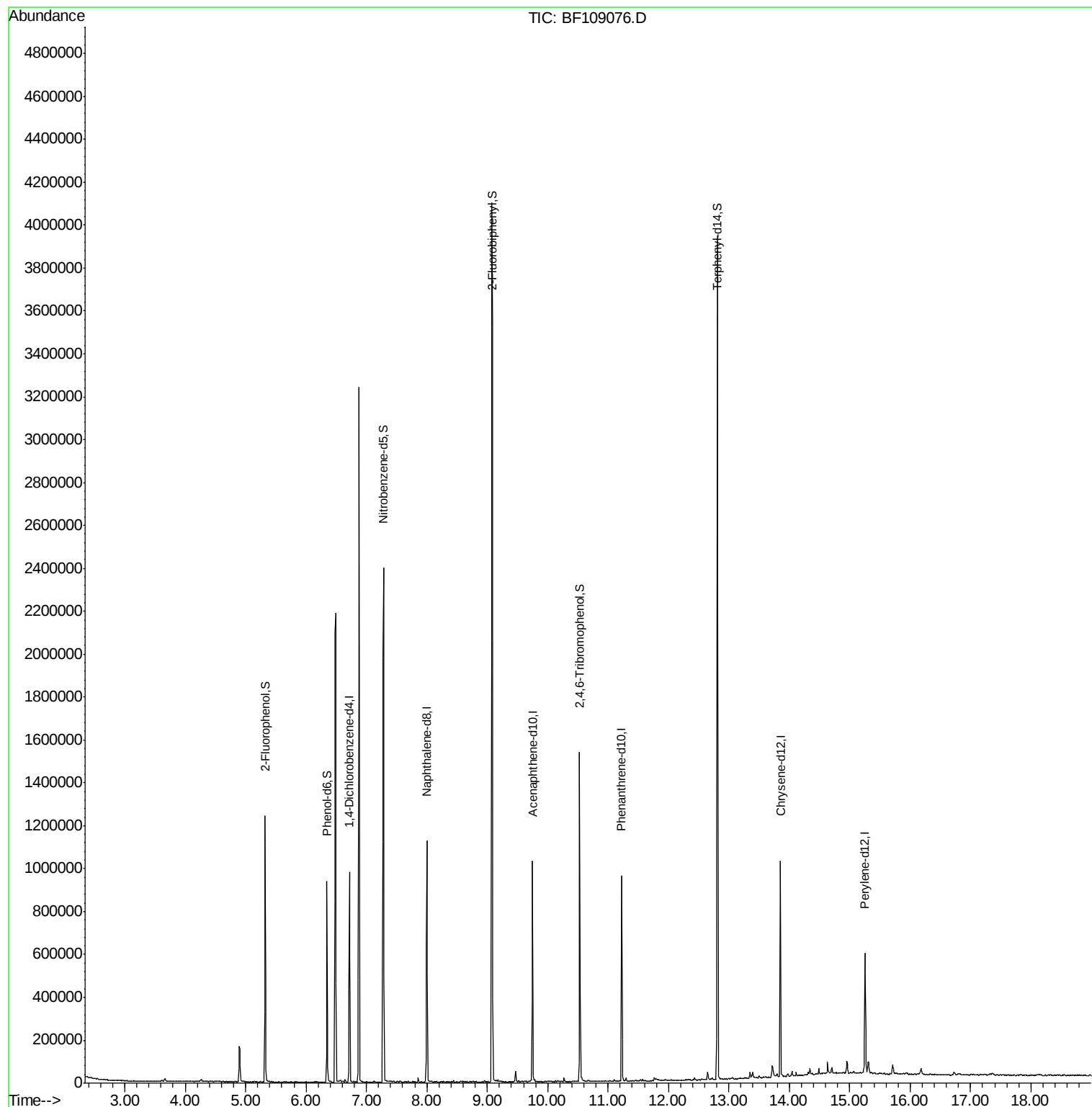
Target Compounds Qvalue

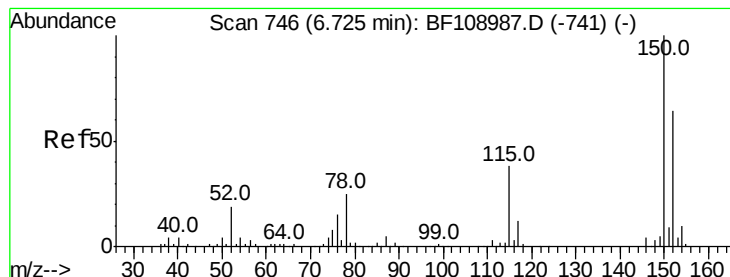
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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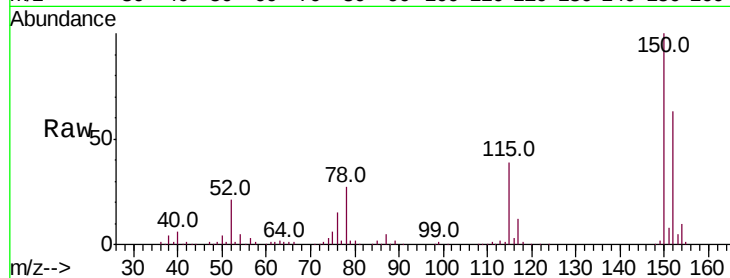


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109076.D
 Acq: 18 Sep 2018 4:55

Instrument :
 BNA_F
 ClientSampleId :
 CBH-591(1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	61.3	50.1	75.1

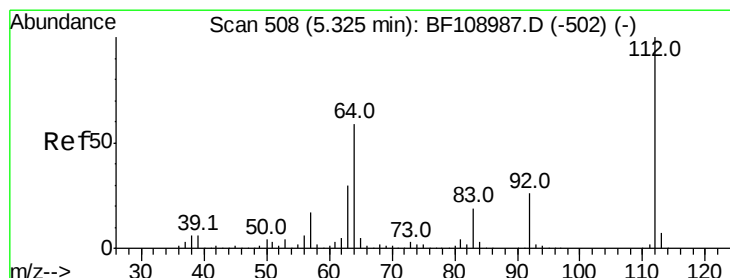
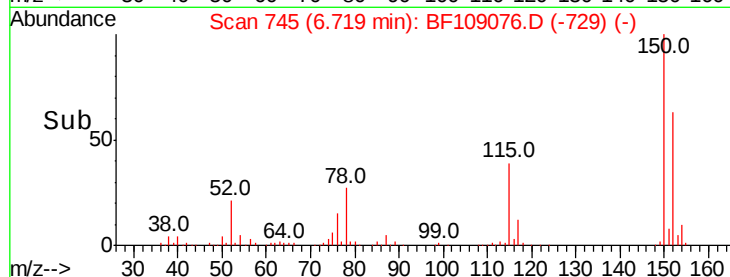
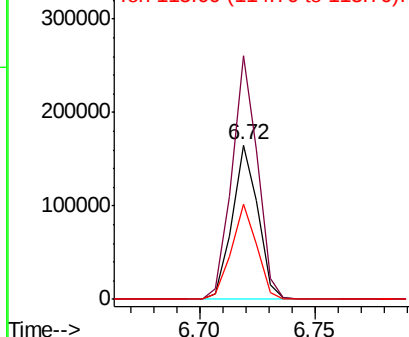


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

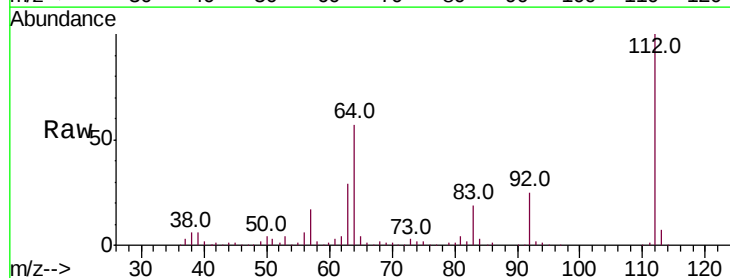
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 42.094 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109076.D
 Acq: 18 Sep 2018 4:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.9	71.9
63	29.4	23.7	35.5

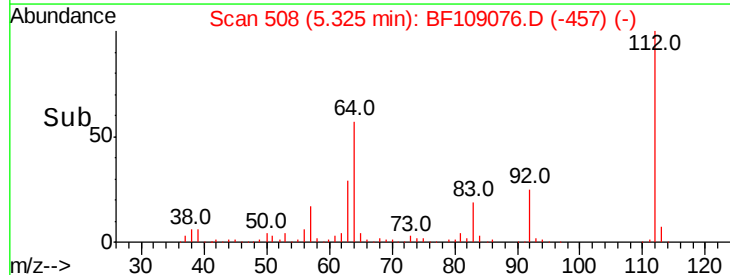
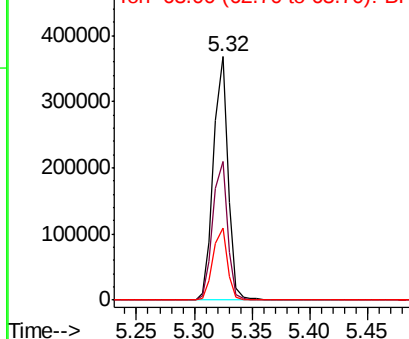


Abundance

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: 25.769 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109076.D

Acq: 18 Sep 2018 4:55

Instrument :

BNA_F

ClientSampleId :

CBH-591(1)

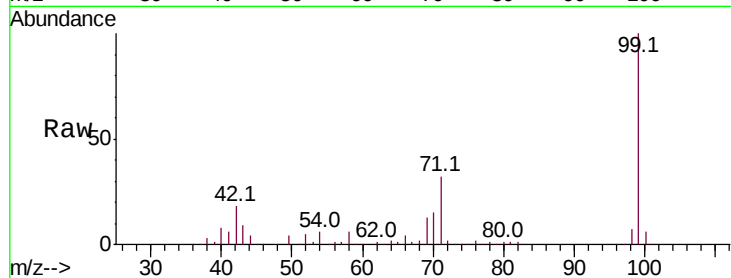
Tot Ion: 99 Resp: 256442

Ion Ratio Lower Upper

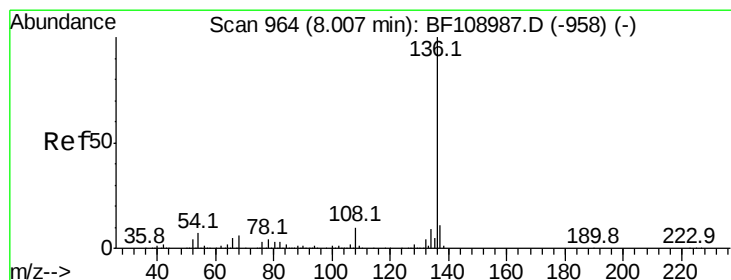
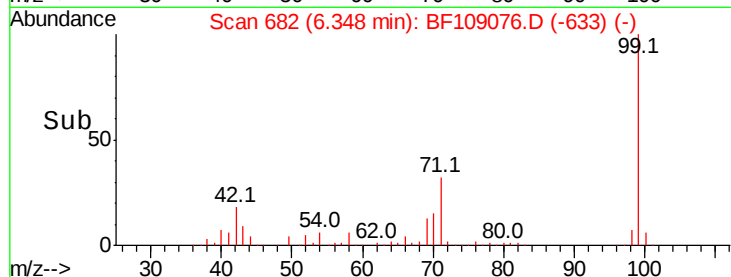
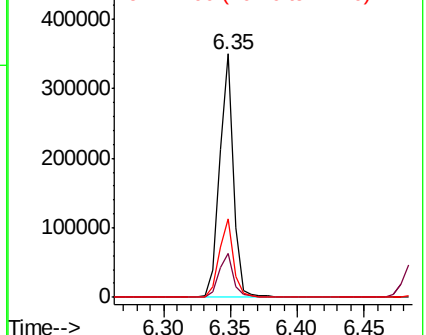
99 100

42 18.0 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: BF109076.D

Acq: 18 Sep 2018 4:55

Tgt Ion: 136 Resp: 442683

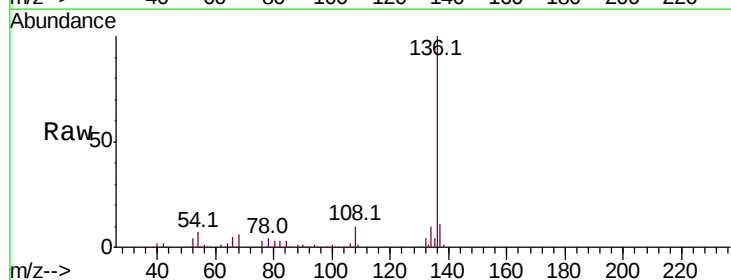
Ion Ratio Lower Upper

136 100

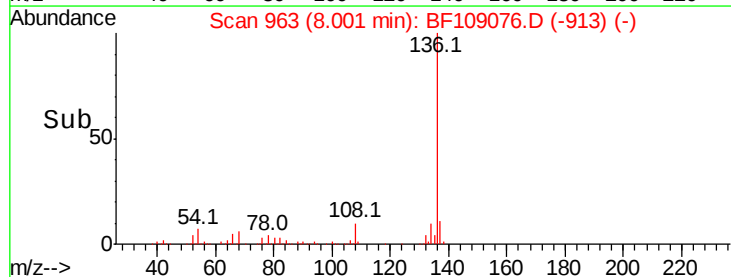
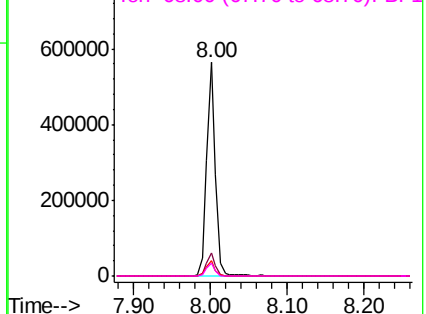
137 10.9 8.9 13.3

54 7.5 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

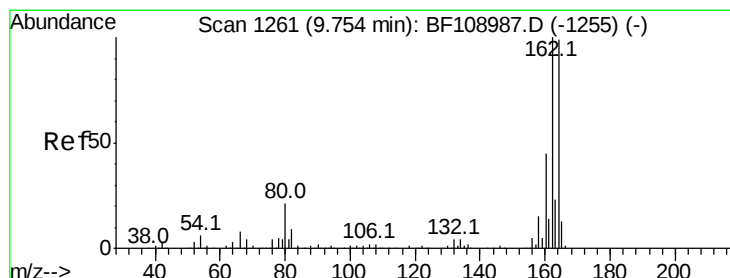
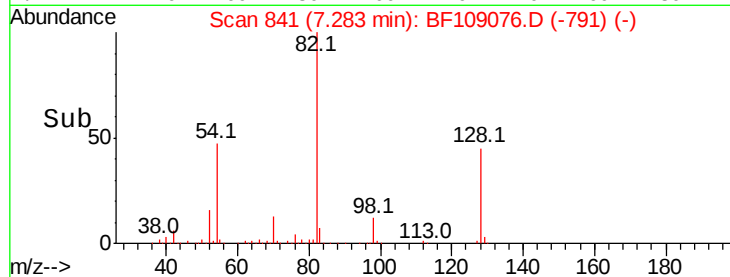
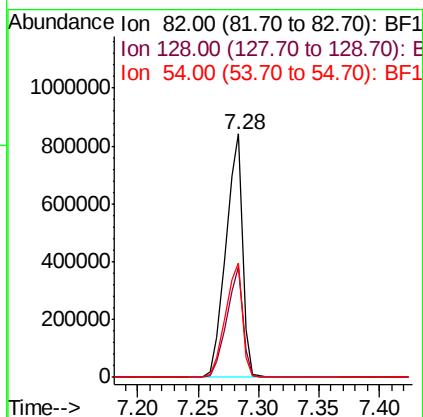
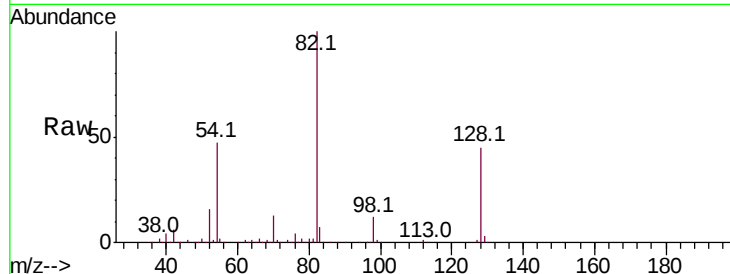




#23
 Nitrobenzene-d5
 Concen: 102.158 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109076.D
 Acq: 18 Sep 2018 4:55

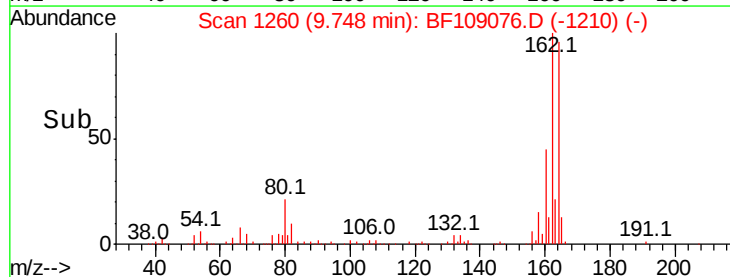
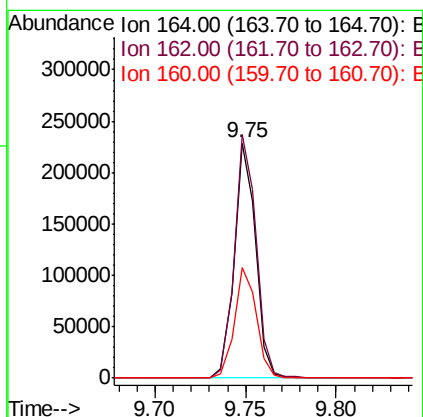
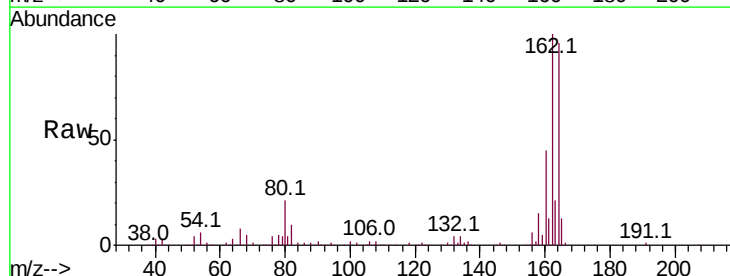
Instrument :
 BNA_F
 ClientSampleId :
 CBH-591(1)

Tot Ion	82	Resp	806298
Ion Ratio	100	Lower	Upper
128	45.2	36.1	54.1
54	47.2	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: BF109076.D
 Acq: 18 Sep 2018 4:55

Tgt Ion	164	Resp	186677
Ion Ratio	100	Lower	Upper
162	103.8	86.1	129.1
160	47.0	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 100.085 ng

RT: 10.54 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF109076.D

Acq: 18 Sep 2018 4:55

Instrument :

BNA_F

ClientSampleId :

CBH-591(1)

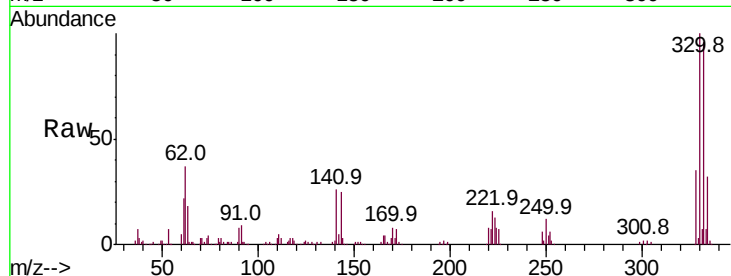
Tot Ion:330 Resp: 202767

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

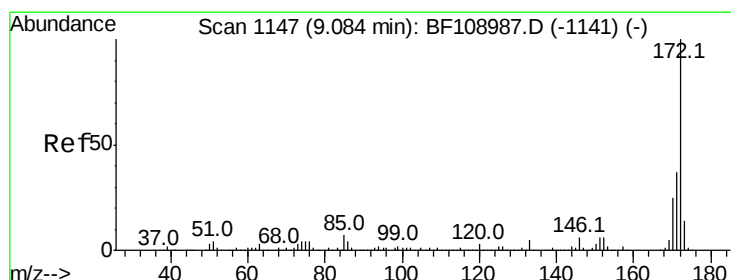
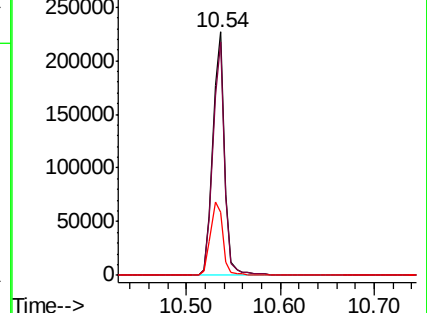
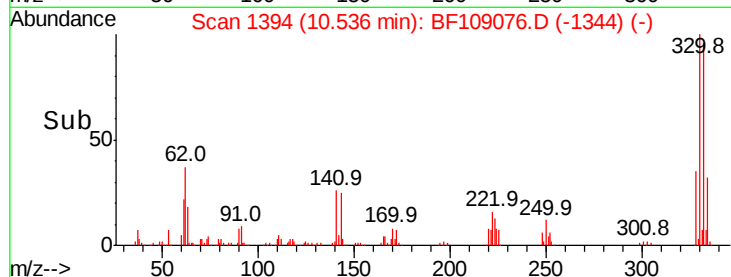
141 31.8 29.9 44.9



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: 109.646 ng

RT: 9.08 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF109076.D

Acq: 18 Sep 2018 4:55

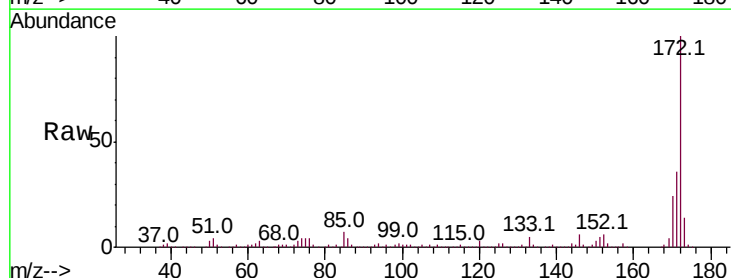
Tgt Ion:172 Resp: 1306437

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

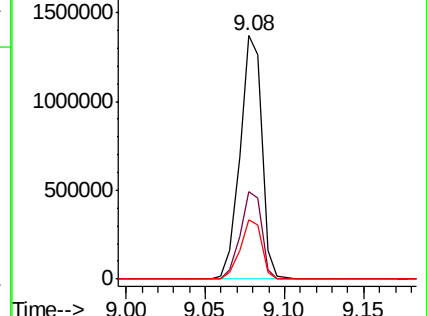
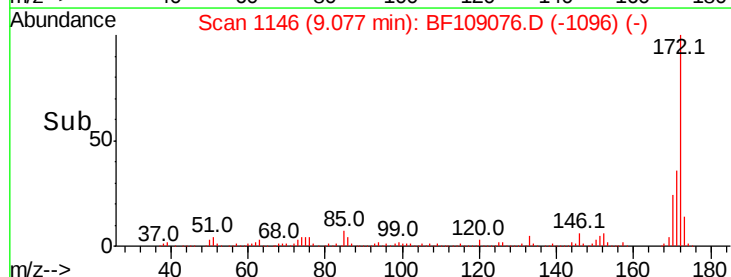
170 24.5 19.6 29.4

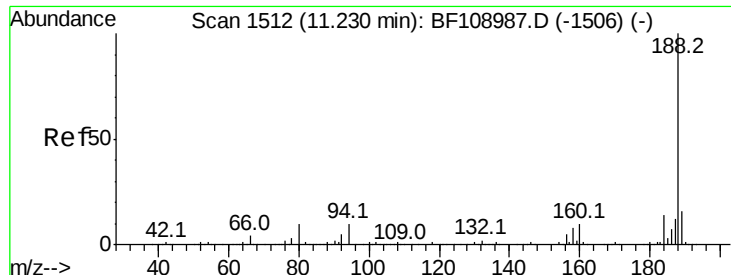


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

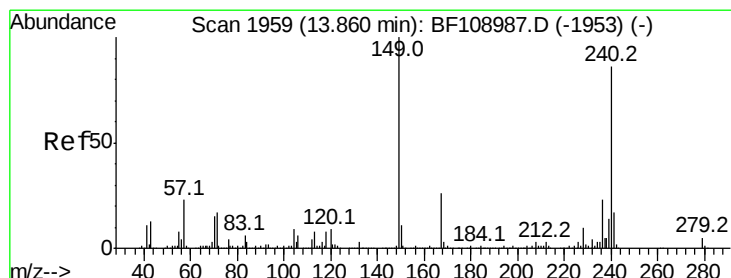
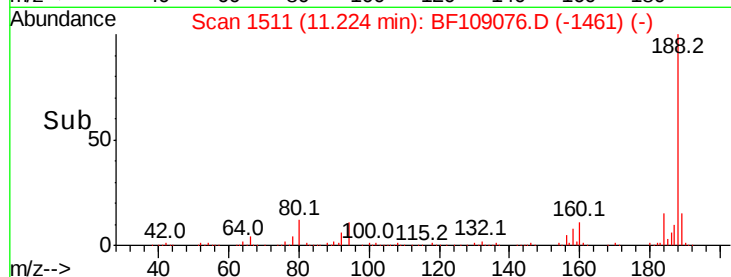
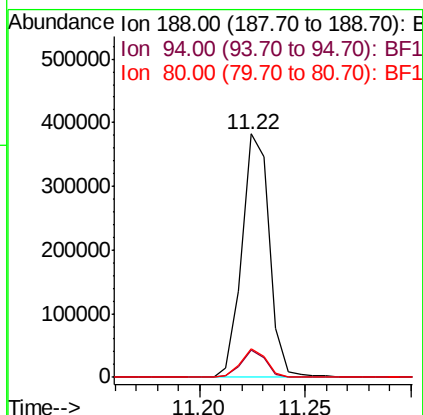
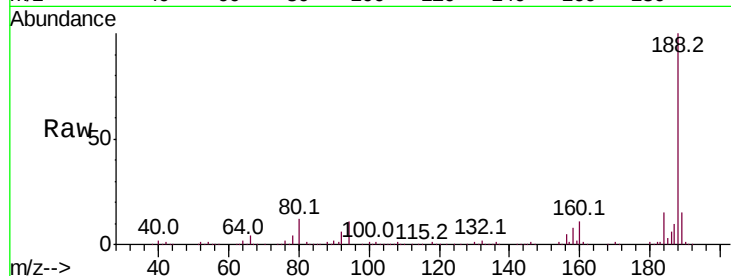




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109076.D
Acq: 18 Sep 2018 4:55

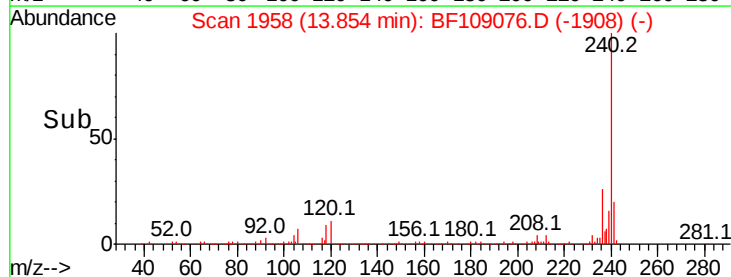
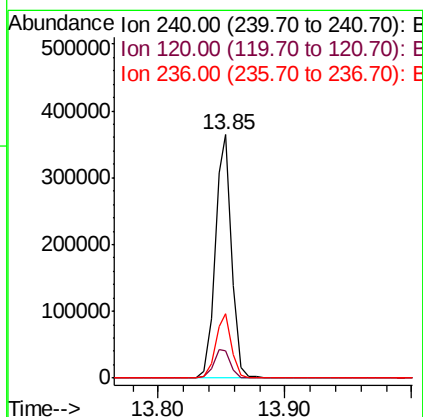
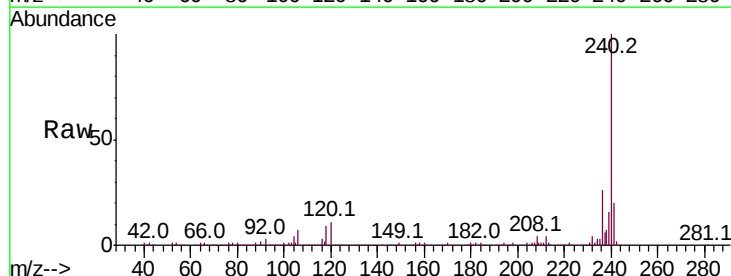
Instrument :
BNA_F
ClientSampleId :
CBH-591(1)

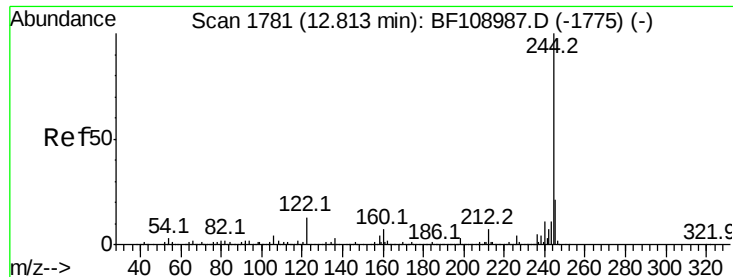
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.7	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109076.D
Acq: 18 Sep 2018 4:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	26.5	20.7	31.1





#78

Terphenyl-d14

Concen: 97.929 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109076.D

Acq: 18 Sep 2018 4:55

Instrument :

BNA_F

ClientSampleId :

CBH-591(1)

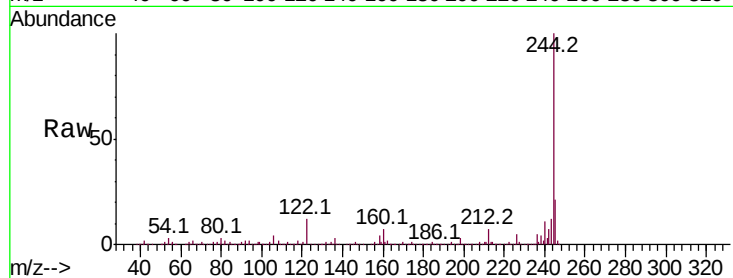
Tot Ion:244 Resp: 1364166

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

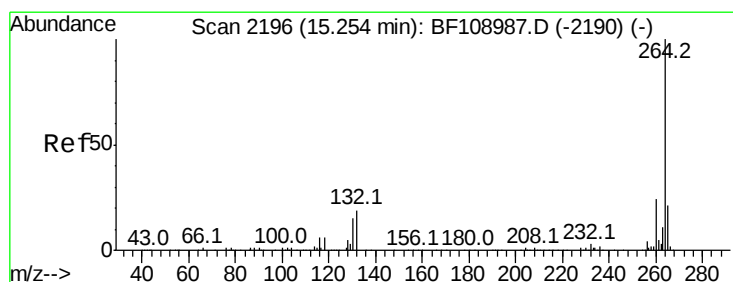
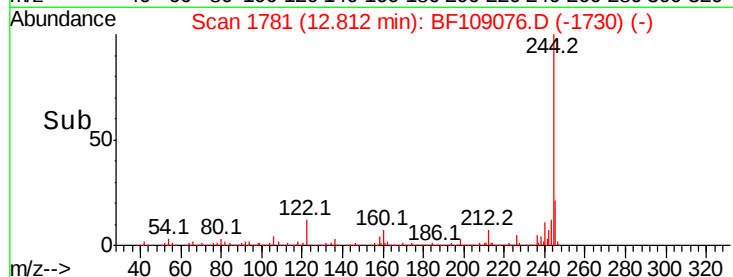
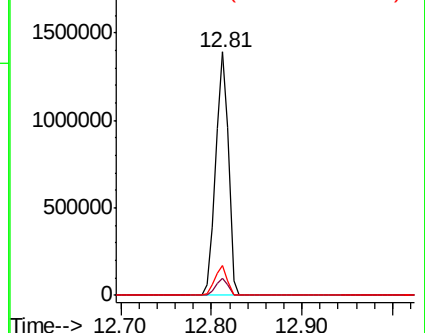
122 12.2 11.0 16.4



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: 15.25 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BF109076.D

Acq: 18 Sep 2018 4:55

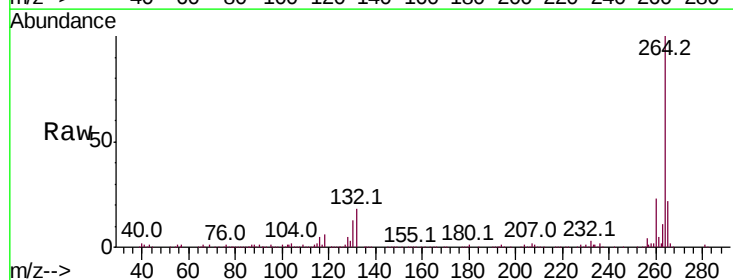
Tgt Ion:264 Resp: 245432

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.0 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

