

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF094011.D
 Acq On : 28 Mar 2017 23:49
 Operator : SJ/MA
 Sample : I2421-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW2

Quant Time: Mar 29 04:11:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	171678	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	699396	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	314417	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	542556	20.00	ng	-0.03
75) Chrysene-d12	14.64	240	342504	20.00	ng	-0.04
86) Perylene-d12	16.27	264	187258	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	1293628	127.27	ng	0.00
7) Phenol-d6	5.53	99	1515001	120.48	ng	-0.02
23) Nitrobenzene-d5	6.58	82	1103609	90.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	377942	152.12	ng	-0.03
44) 2-Fluorobiphenyl	8.76	172	1984360	96.26	ng	-0.02
78) Terphenyl-d14	13.38	244	1490569	97.55	ng	-0.02

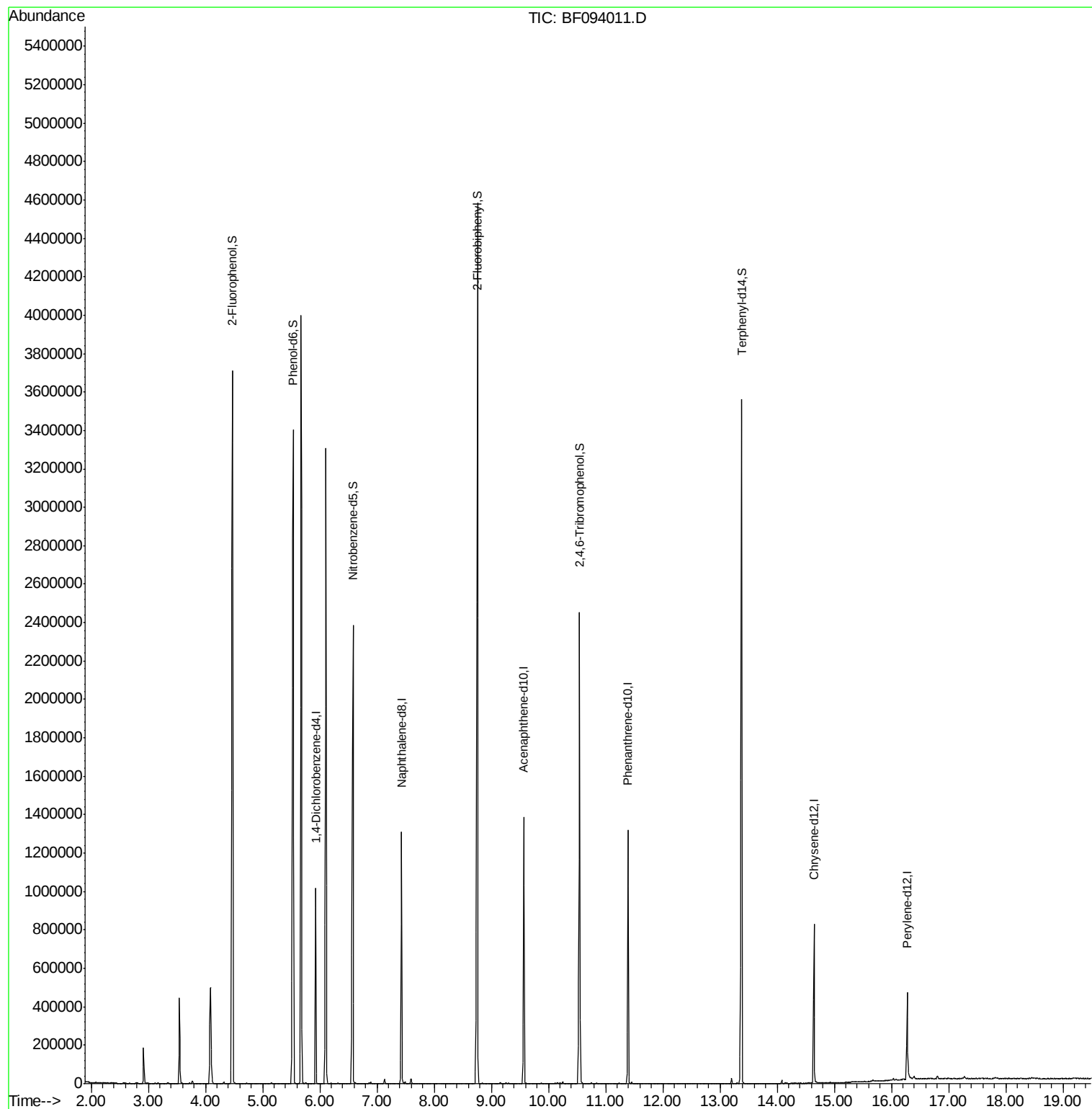
Target Compounds Qvalue

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

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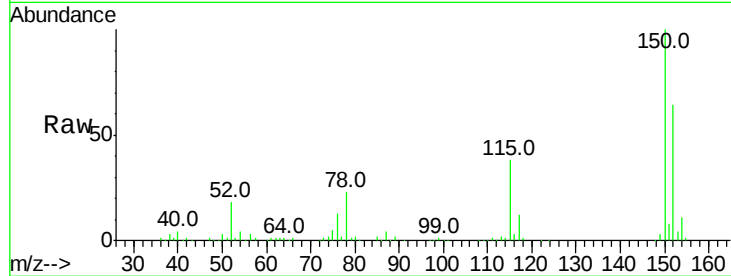


#1

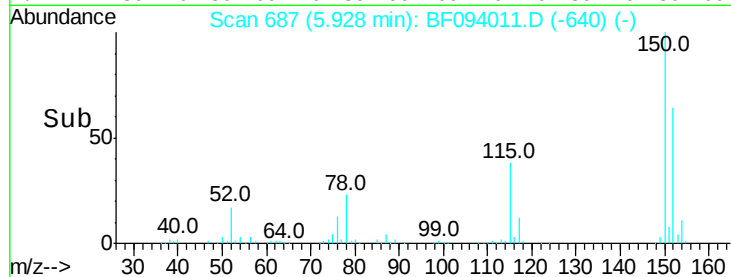
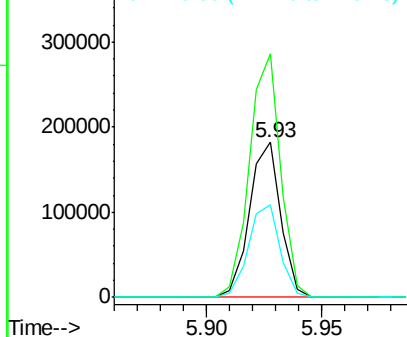
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF094011.D
Acq: 28 Mar 2017 23:49

Instrument :
BNA_F
ClientSampleId :
HHD-GW2

Tot Ion:152 Resp: 171678
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 59.4 52.2 78.2



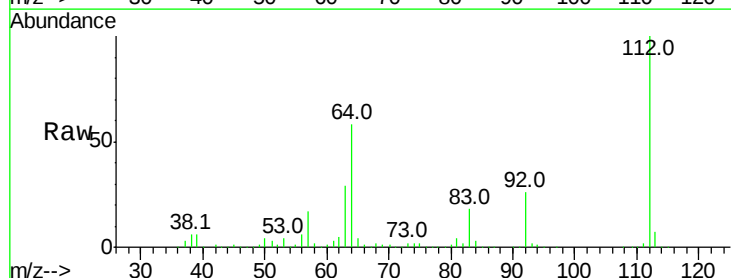
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



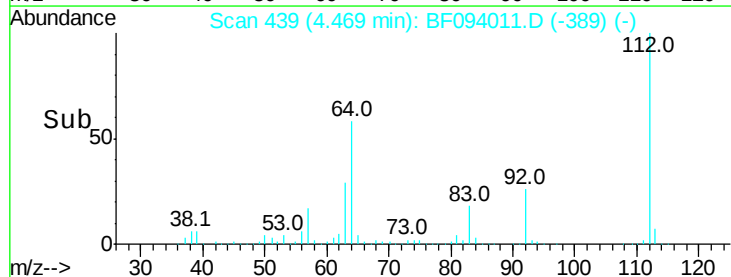
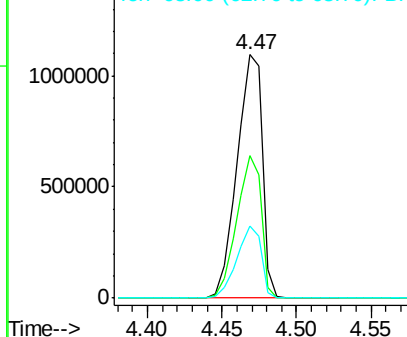
#5

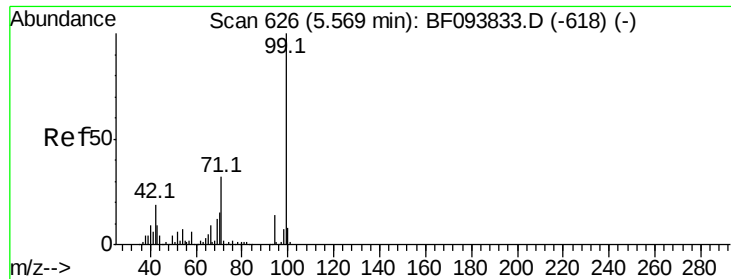
2-Fluorophenol
Concen: 127.27 ng
RT: 4.47 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF094011.D
Acq: 28 Mar 2017 23:49

Tgt Ion:112 Resp: 1293628
Ion Ratio Lower Upper
112 100
64 58.3 46.0 69.0
63 29.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.48 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF094011.D

Acq: 28 Mar 2017 23:49

Instrument :

BNA_F

ClientSampleId :

HHD-GW2

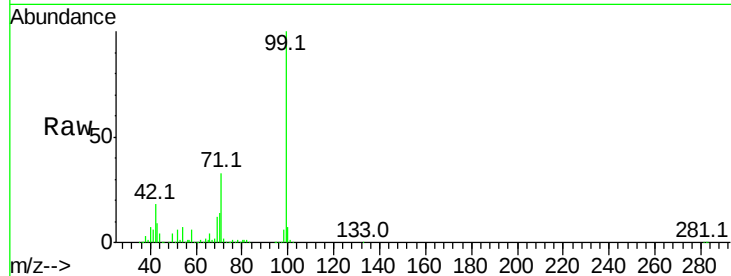
Tot Ion: 99 Resp: 1515001

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

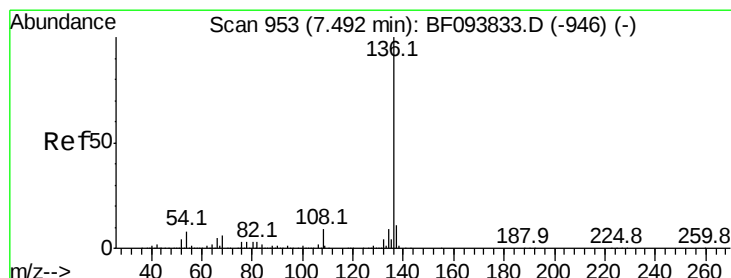
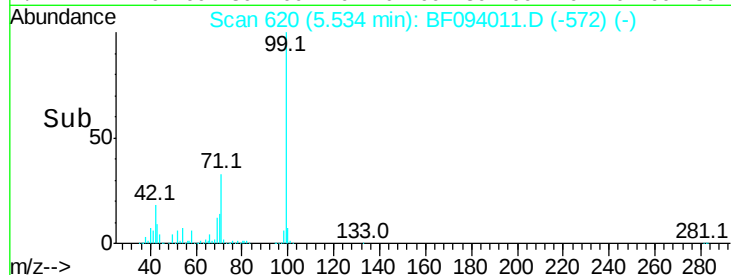
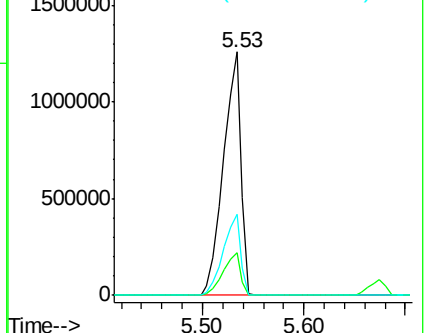
71 33.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.43 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF094011.D

Acq: 28 Mar 2017 23:49

Tgt Ion: 136 Resp: 699396

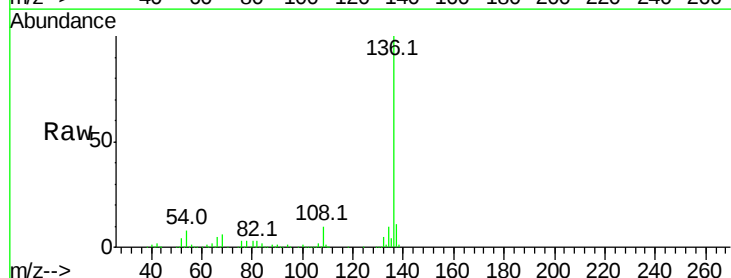
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 8.0 4.9 7.3#

68 6.2 4.1 6.1#

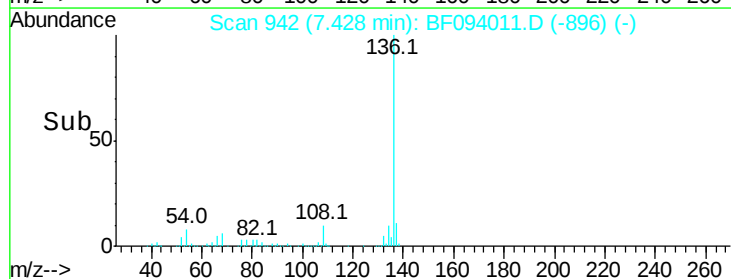
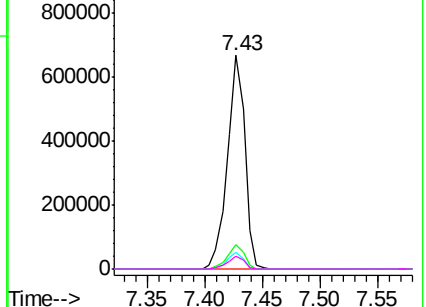


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



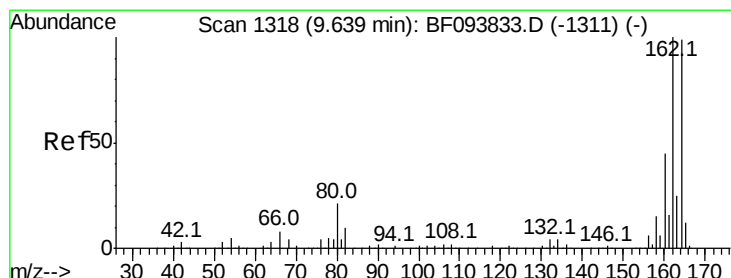
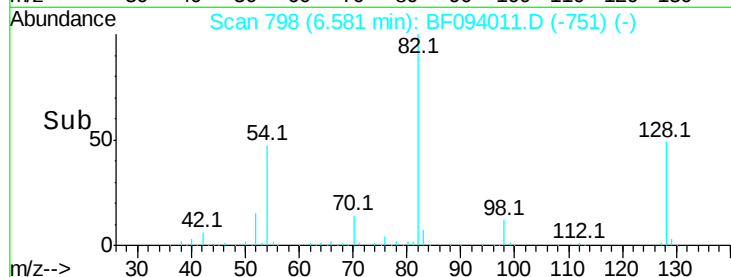
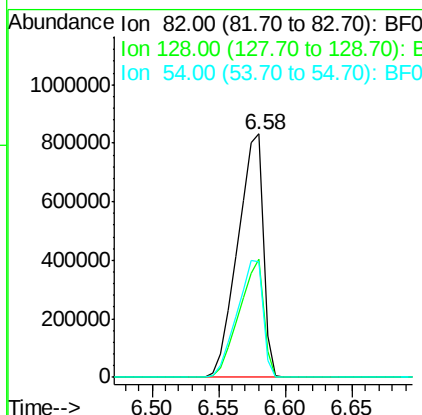
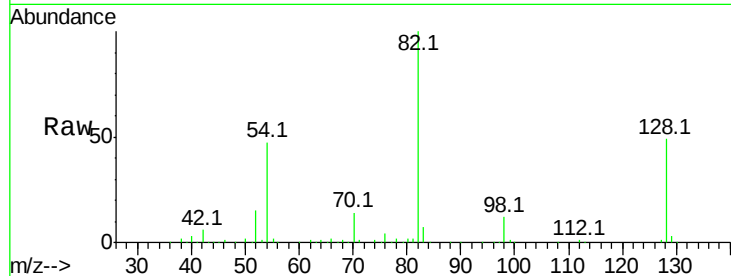


#23
 Nitrobenzene-d5
 Concen: 90.05 ng
 RT: 6.58 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF094011.D
 Acq: 28 Mar 2017 23:49

Instrument :
 BNA_F
 ClientSampled :
 HHD-GW2

Tot Ion: 82 Resp: 1103609

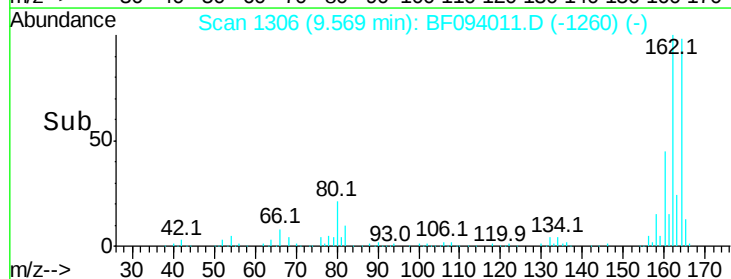
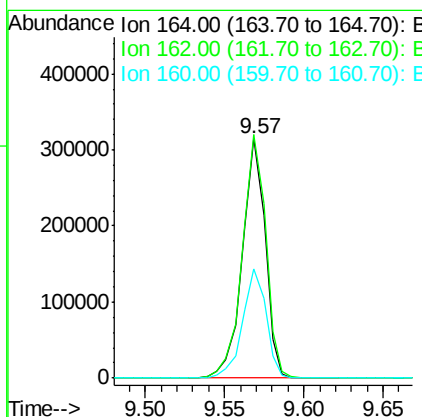
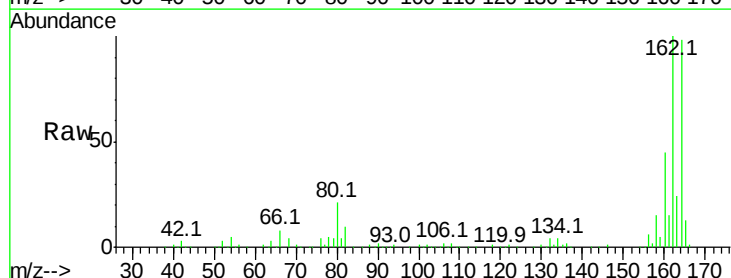
Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.0	51.0
54	47.4	42.2	63.2

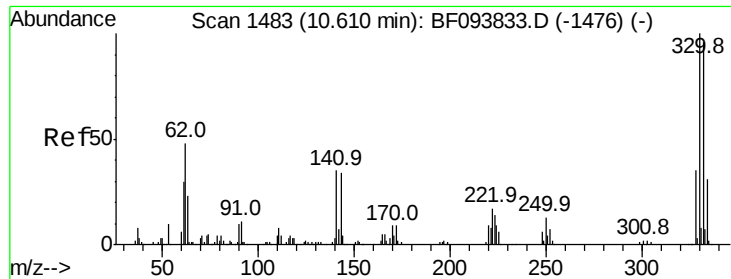


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. -0.03 min
 Lab File: BF094011.D
 Acq: 28 Mar 2017 23:49

Tgt Ion:164 Resp: 314417

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	45.7	36.2	54.2

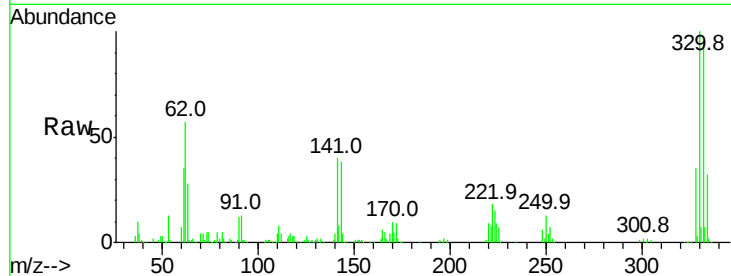




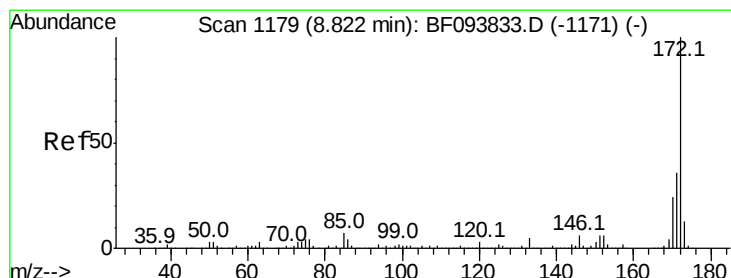
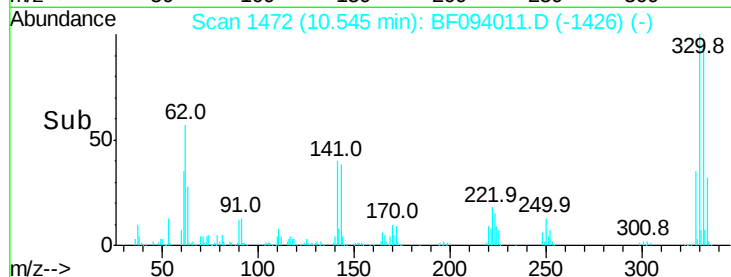
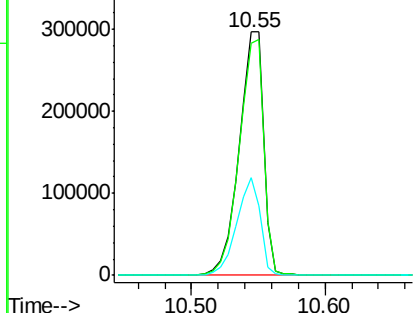
#41
 2,4,6-Tribromophenol
 Concen: 152.12 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF094011.D
 Acq: 28 Mar 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	38.7	31.4	47.2

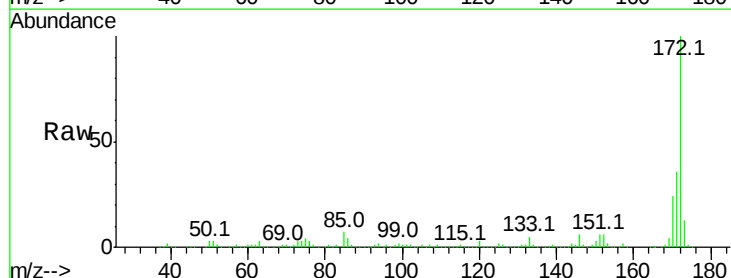


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

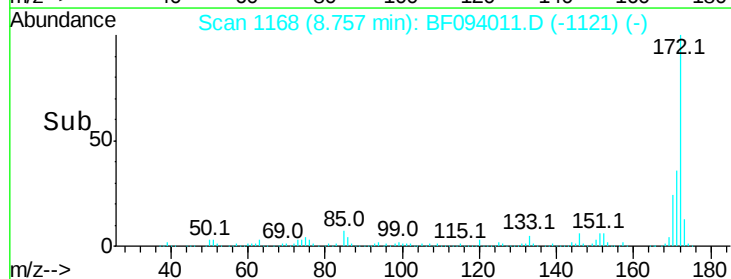
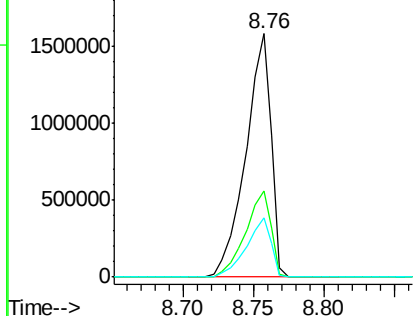


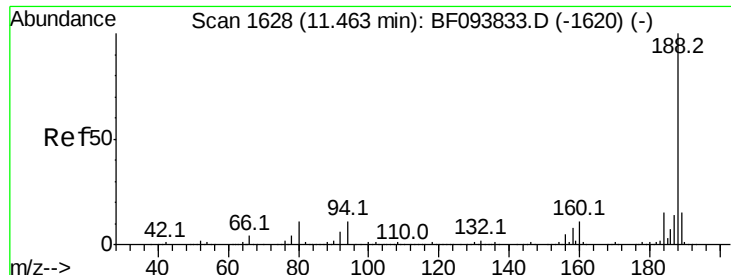
#44
 2-Fluorobiphenyl
 Concen: 96.26 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF094011.D
 Acq: 28 Mar 2017 23:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.1	19.8	29.8



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

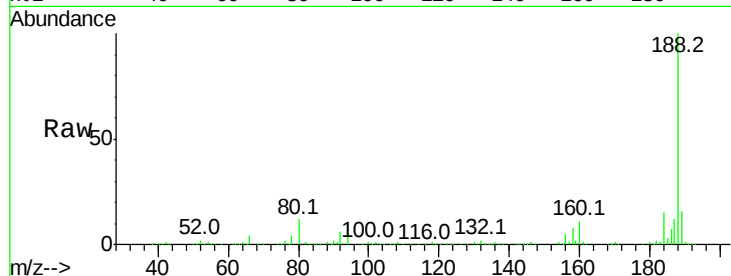




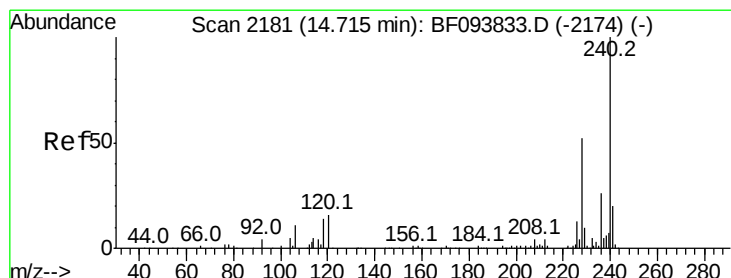
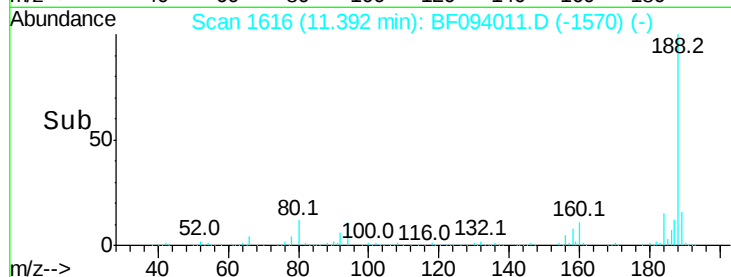
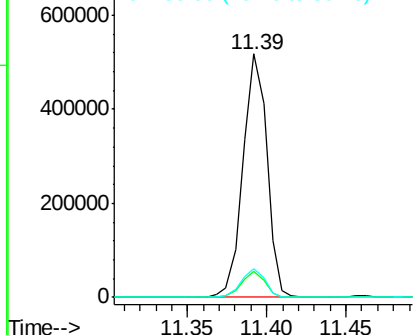
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.03 min
Lab File: BF094011.D
Acq: 28 Mar 2017 23:49

Instrument :
BNA_F
ClientSampleId :
HHD-GW2

Tot Ion:188 Resp: 542556
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.9 10.2 15.2

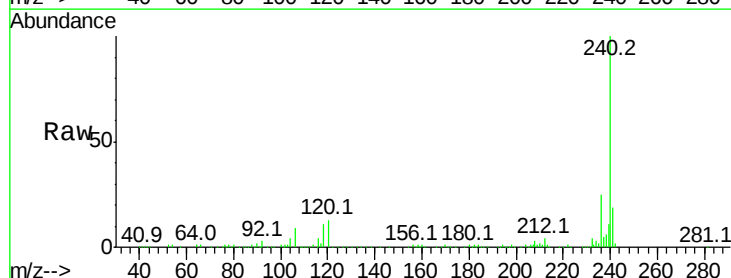


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

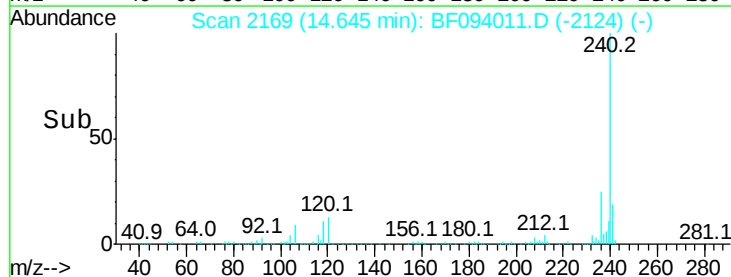
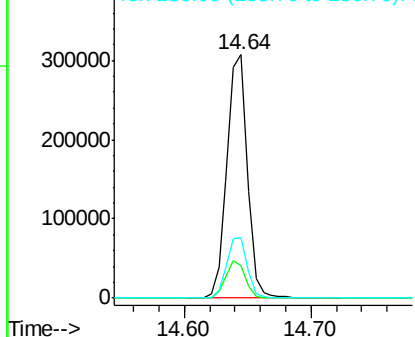


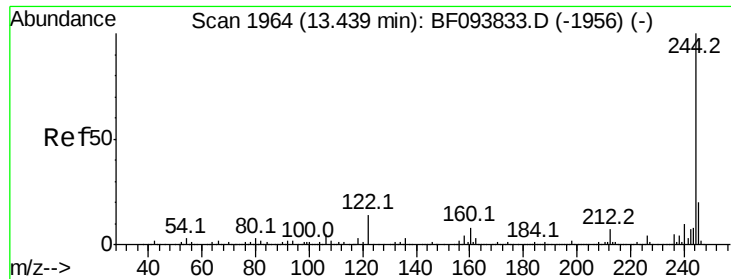
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.64 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF094011.D
Acq: 28 Mar 2017 23:49

Tgt Ion:240 Resp: 342504
Ion Ratio Lower Upper
240 100
120 13.1 5.8 8.8#
236 25.1 20.5 30.7



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



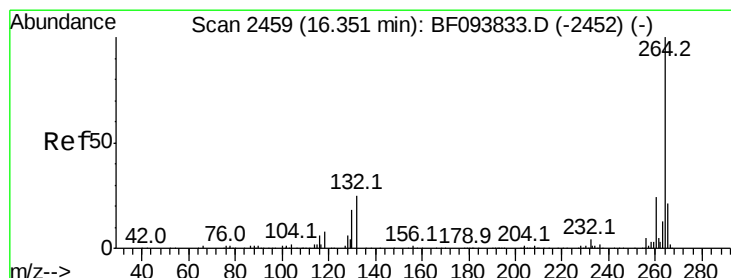
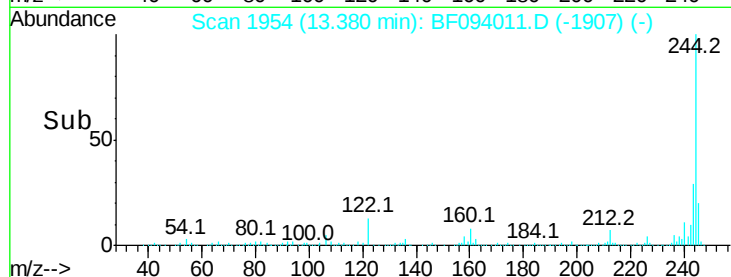
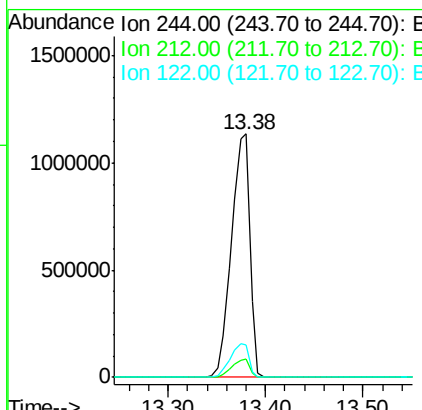
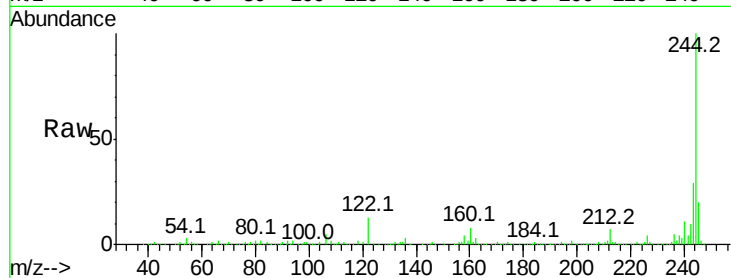


#78
 Terphenyl-d14
 Concen: 97.55 ng
 RT: 13.38 min Scan# 1954
 Delta R.T. -0.02 min
 Lab File: BF094011.D
 Acq: 28 Mar 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW2

Tot Ion:244 Resp: 1490569

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.1	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 2446
 Delta R.T. -0.04 min
 Lab File: BF094011.D
 Acq: 28 Mar 2017 23:49

Tgt Ion:264 Resp: 187258

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.5	17.2	25.8

