

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF094005.D
 Acq On : 28 Mar 2017 21:03
 Operator : SJ/MA
 Sample : I2421-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1

Quant Time: Mar 29 02:39:22 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

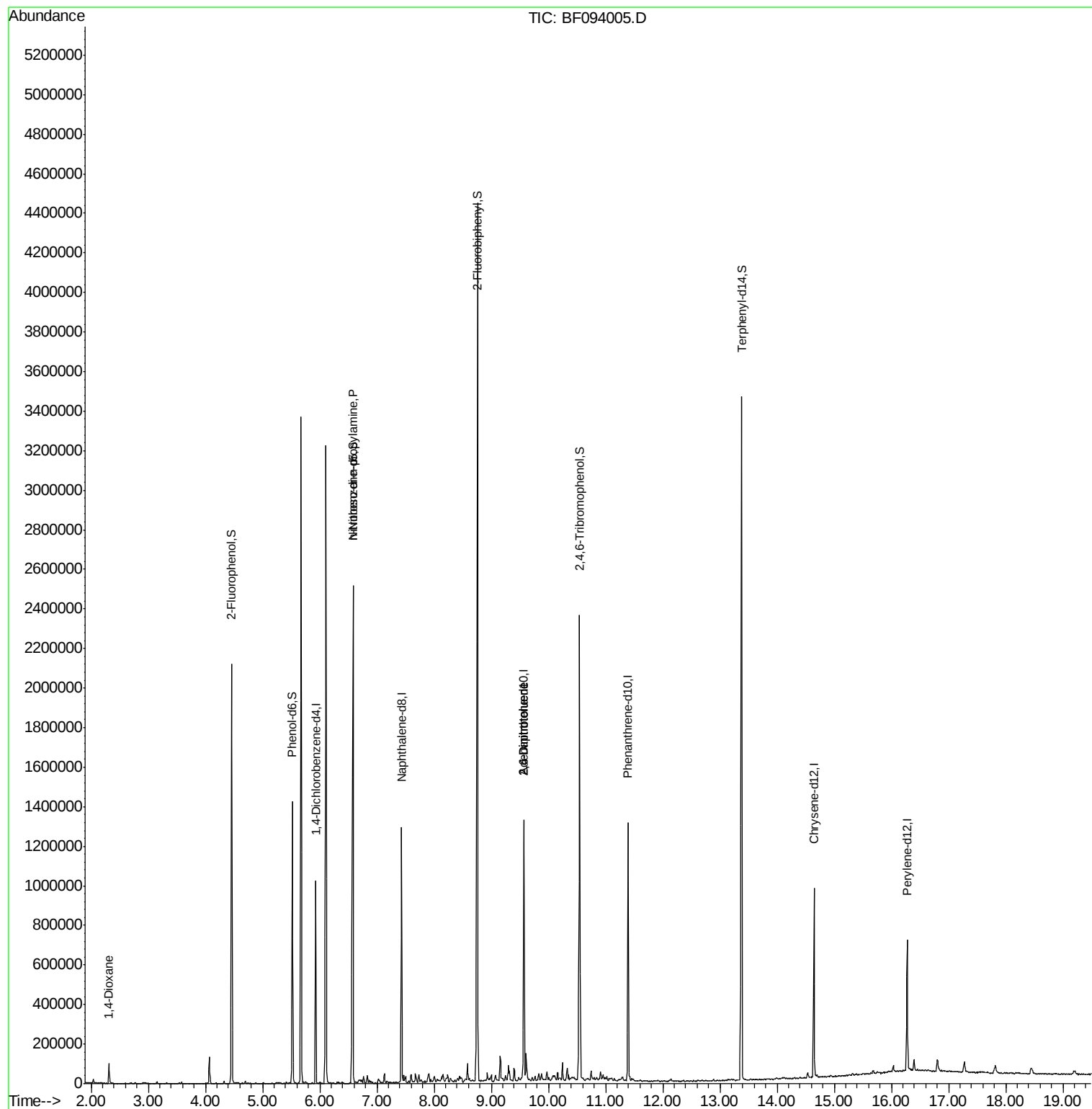
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	165706	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	668035	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	309532	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	524939	20.00	ng	-0.03
75) Chrysene-d12	14.64	240	370211	20.00	ng	-0.04
86) Perylene-d12	16.27	264	267120	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	626499	63.86	ng	-0.02
7) Phenol-d6	5.52	99	491081	40.46	ng	-0.03
23) Nitrobenzene-d5	6.58	82	1061503	90.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	365546	149.45	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1919101	94.57	ng	-0.02
78) Terphenyl-d14	13.38	244	1401553	84.86	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	2.31	88	41951	8.90	ng	Qvalue 98
19) n-Nitroso-di-n-propylamine	6.58	70	138882	17.80	ng	# 78
50) 2,6-Dinitrotoluene	9.57	165	40350	8.00	ng	# 34
56) 2,4-Dinitrotoluene	9.57	165	40351	6.37	ng	# 33

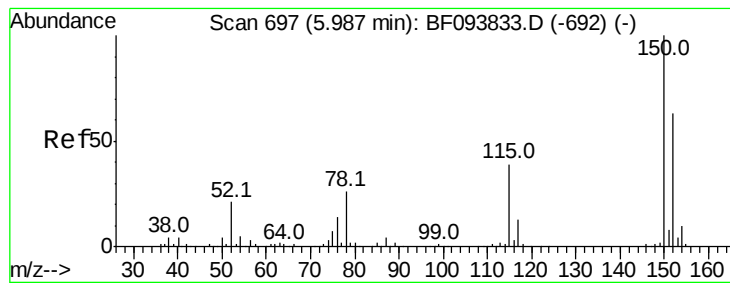
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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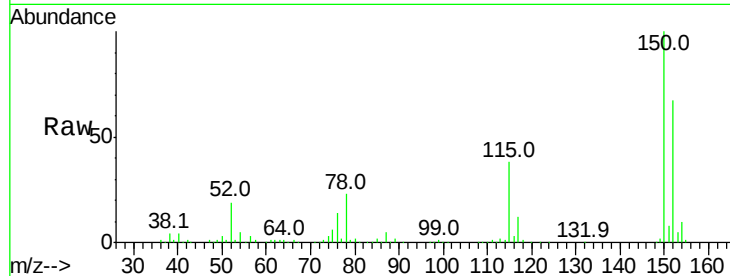


#1

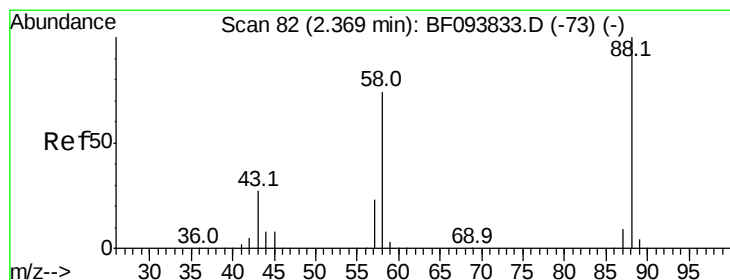
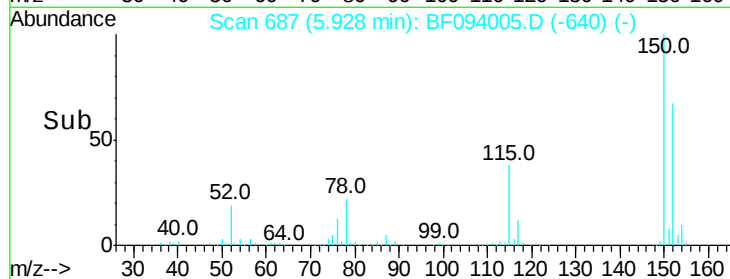
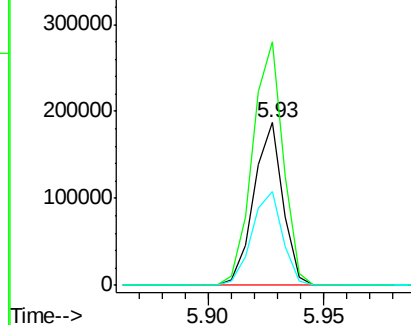
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF094005.D
Acq: 28 Mar 2017 21:03

Instrument :
BNA_F
ClientSampleId :
HHD-GW1

Tot Ion:152 Resp: 165706
Ion Ratio Lower Upper
152 100
150 149.5 126.2 189.2
115 57.4 52.2 78.2



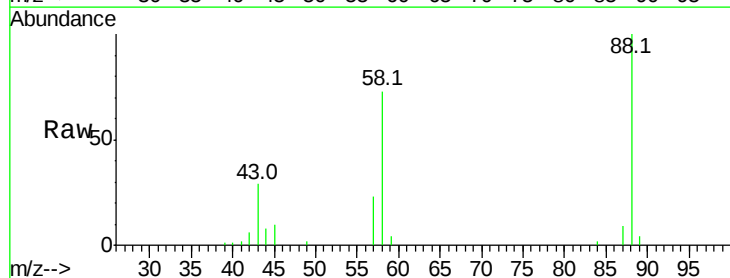
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



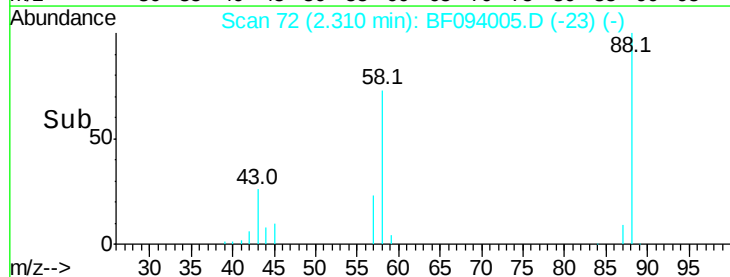
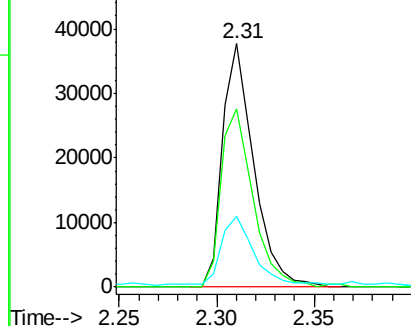
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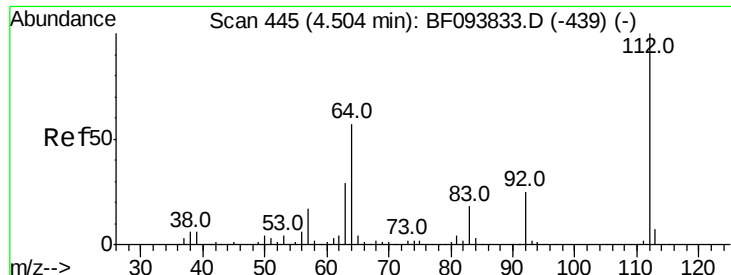
1,4-Dioxane
Concen: 8.90 ng
RT: 2.31 min Scan# 72
Delta R.T. -0.01 min
Lab File: BF094005.D
Acq: 28 Mar 2017 21:03

Tgt Ion: 88 Resp: 41951
Ion Ratio Lower Upper
88 100
58 74.6 61.4 92.0
43 28.8 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

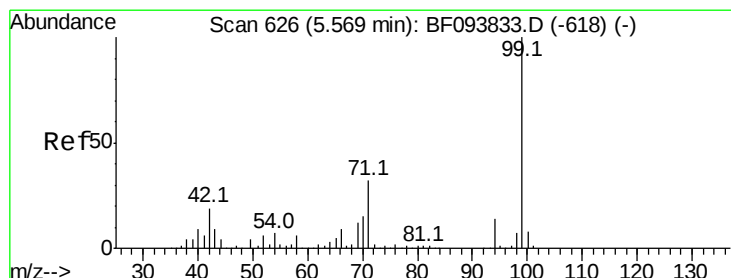
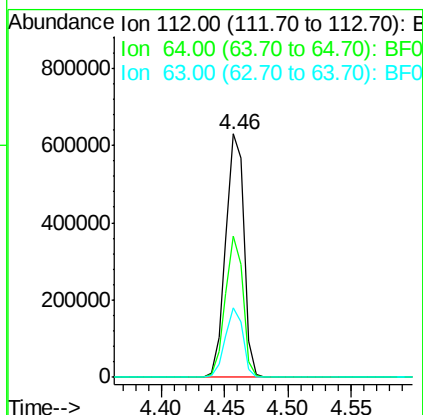
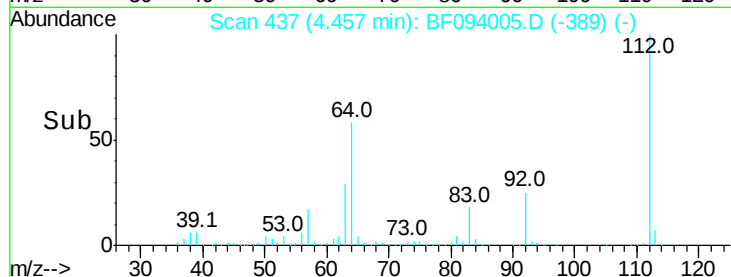
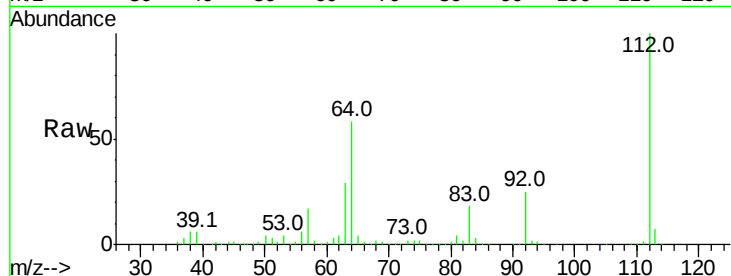




#5
 2-Fluorophenol
 Concen: 63.86 ng
 RT: 4.46 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF094005.D
 Acq: 28 Mar 2017 21:03

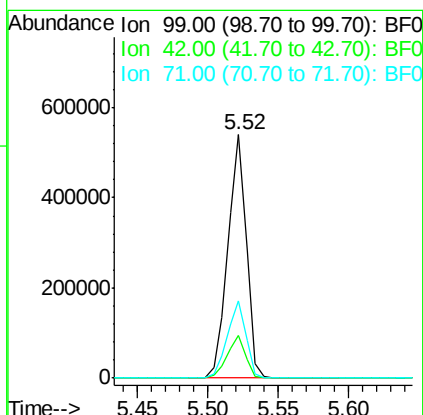
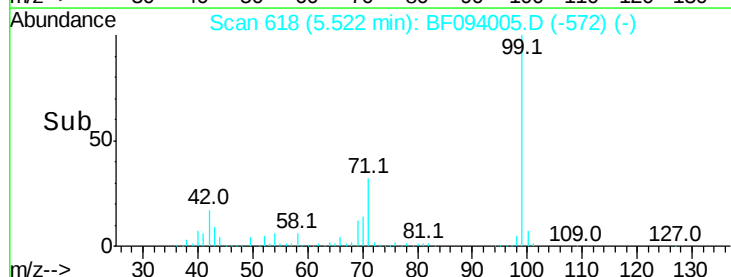
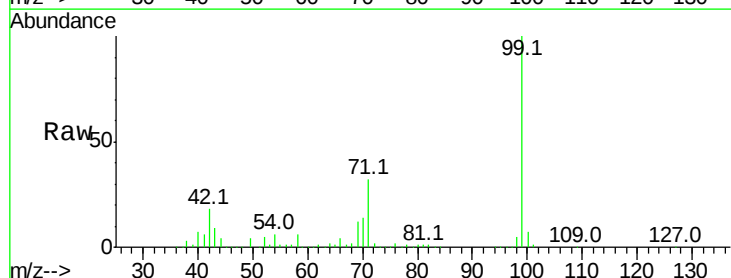
Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1

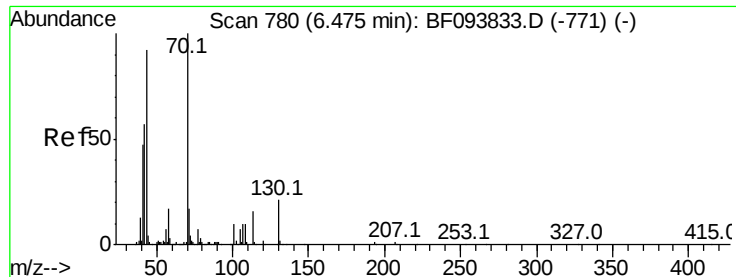
Tot Ion:	112	Resp:	626499
Ion	Ratio	Lower	Upper
112	100		
64	58.0	46.0	69.0
63	28.8	23.4	35.0



#7
 Phenol-d6
 Concen: 40.46 ng
 RT: 5.52 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF094005.D
 Acq: 28 Mar 2017 21:03

Tgt Ion:	99	Resp:	491081
Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	31.6	24.5	36.7





#19

n-Nitroso-di-n-propylamine

Concen: 17.80 ng

RT: 6.58 min Scan# 798

Delta R.T. 0.14 min

Lab File: BF094005.D

Acq: 28 Mar 2017 21:03

Instrument :

BNA_F

ClientSampleId :

HHD-GW1

Tot Ion: 70 Resp: 138882

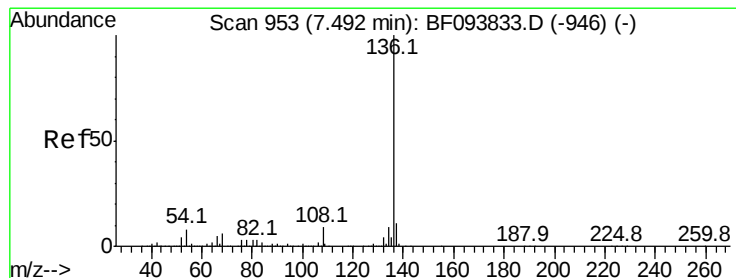
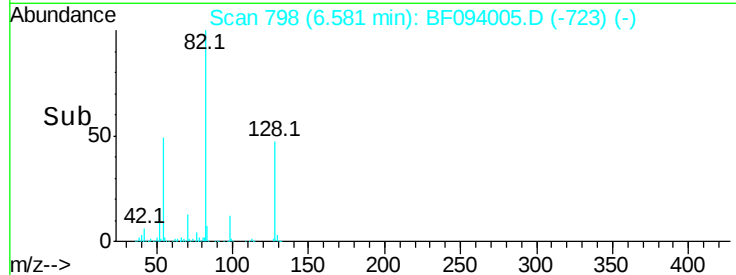
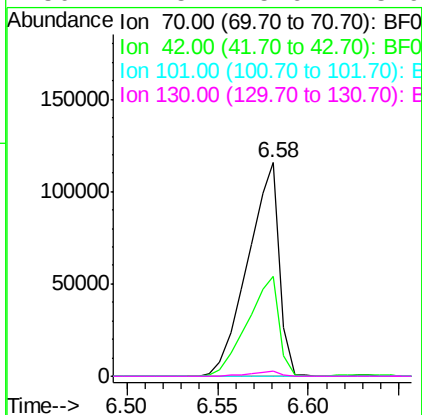
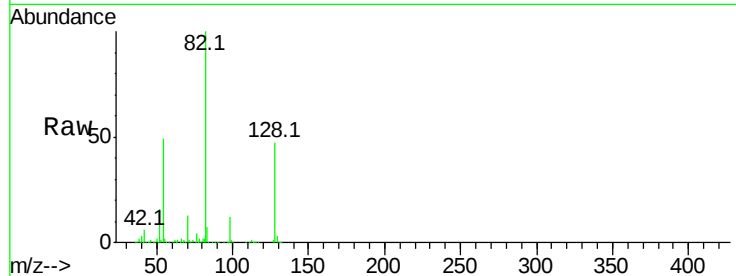
Ion Ratio Lower Upper

70 100

42 46.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.43 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF094005.D

Acq: 28 Mar 2017 21:03

Tgt Ion: 136 Resp: 668035

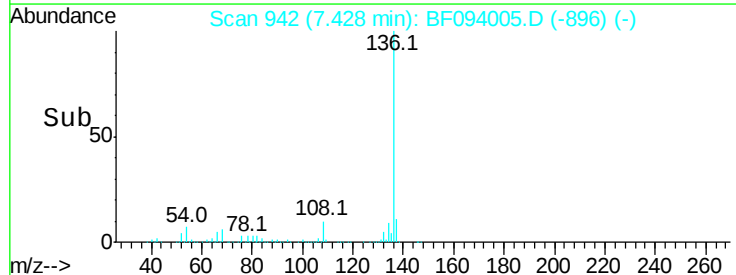
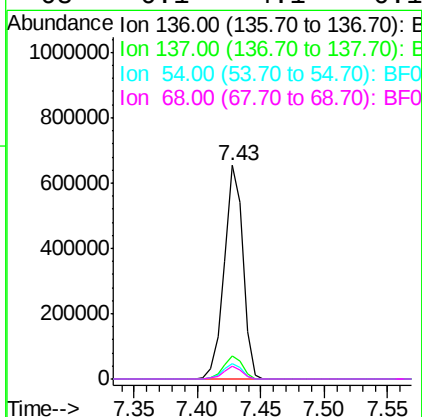
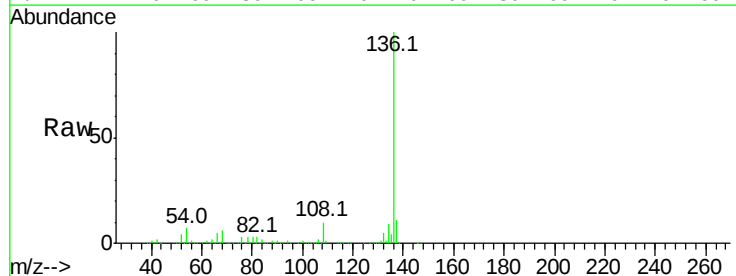
Ion Ratio Lower Upper

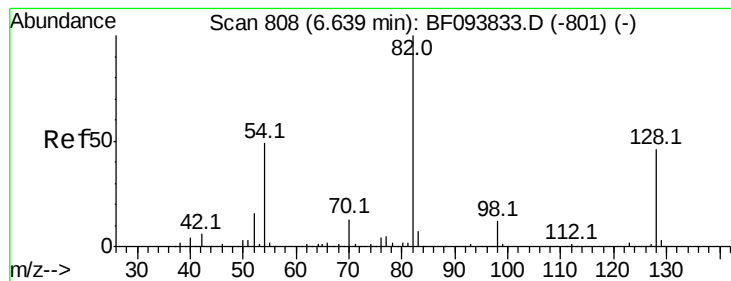
136 100

137 10.9 8.5 12.7

54 7.3 4.9 7.3

68 6.1 4.1 6.1





#23

Nitrobenzene-d5

Concen: 90.68 ng

RT: 6.58 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF094005.D

Acq: 28 Mar 2017 21:03

Instrument :

BNA_F

ClientSampleId :

HHD-GW1

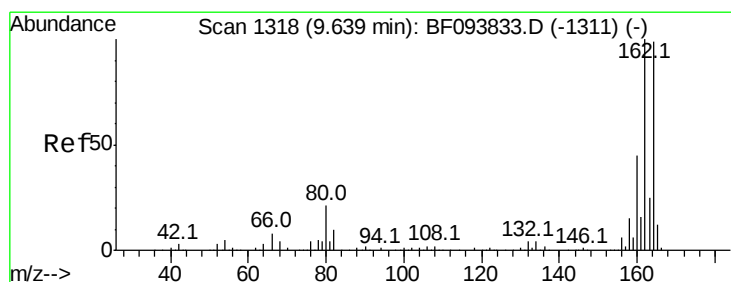
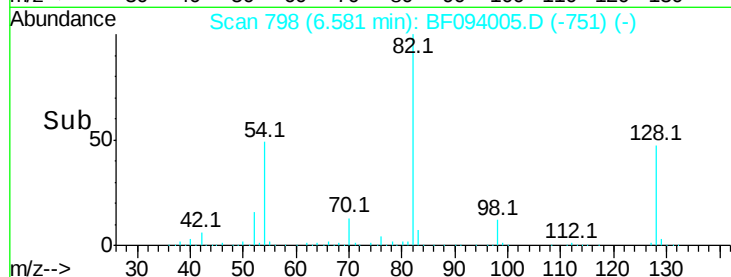
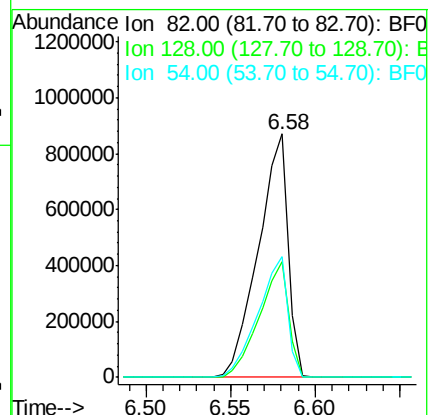
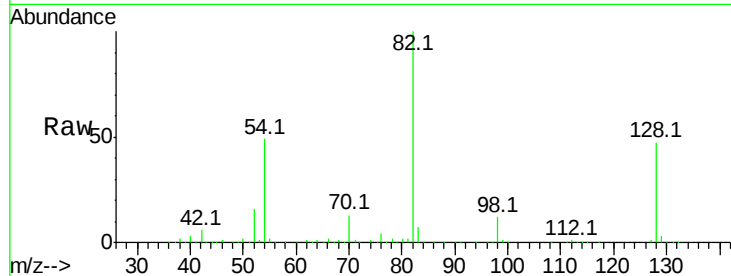
Tot Ion: 82 Resp: 1061503

Ion Ratio Lower Upper

82 100

128 47.4 34.0 51.0

54 49.3 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: BF094005.D

Acq: 28 Mar 2017 21:03

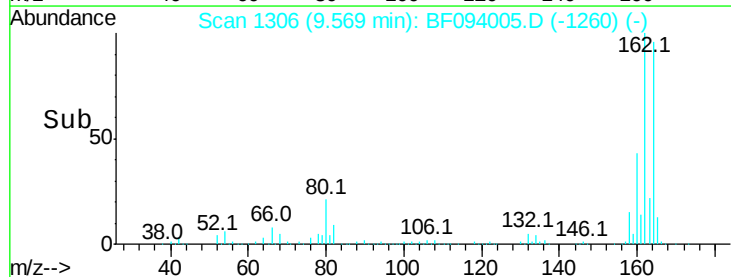
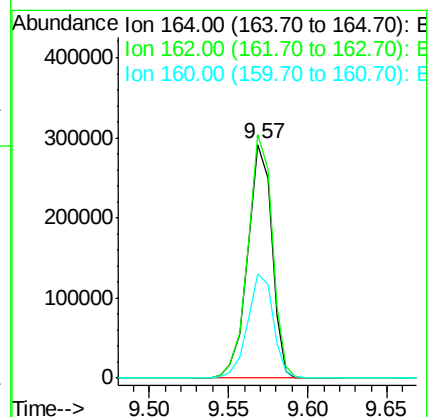
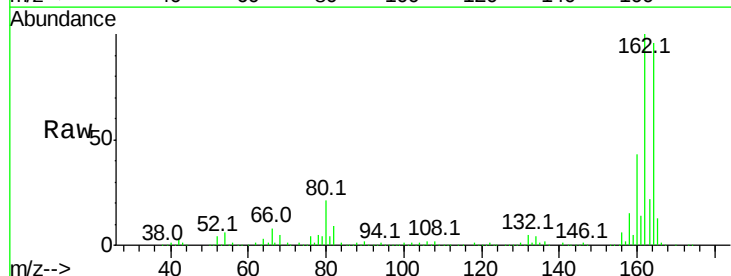
Tgt Ion:164 Resp: 309532

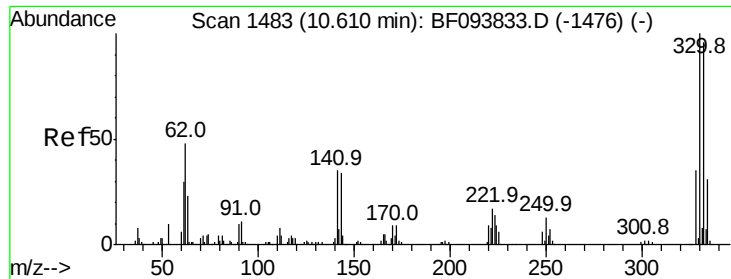
Ion Ratio Lower Upper

164 100

162 104.3 82.6 123.8

160 44.8 36.2 54.2

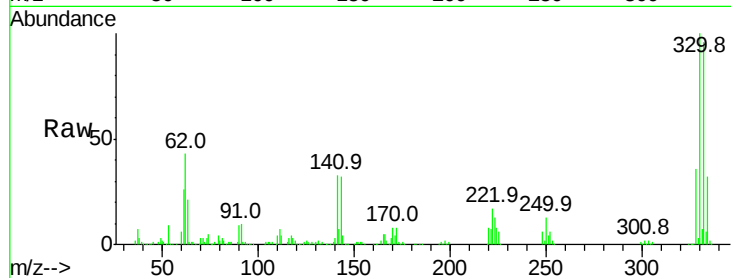




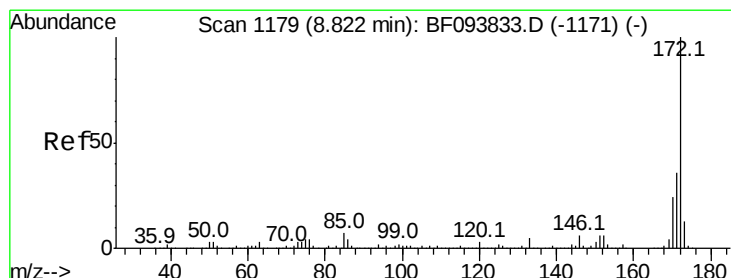
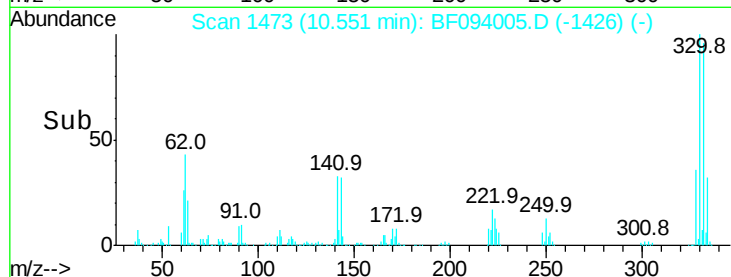
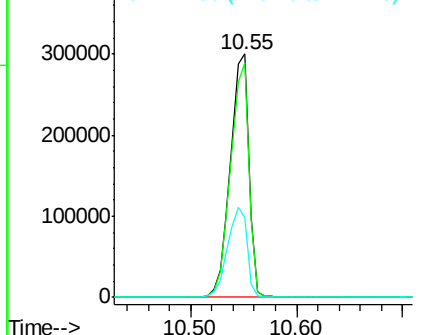
#41
 2,4,6-Tribromophenol
 Concen: 149.45 ng
 RT: 10.55 min Scan# 1473
 Delta R.T. -0.02 min
 Lab File: BF094005.D
 Acq: 28 Mar 2017 21:03

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1

Tot Ion:330 Resp: 365546
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.6 115.0
 141 38.7 31.4 47.2

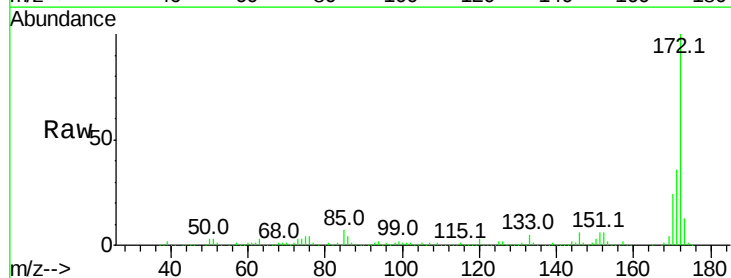


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

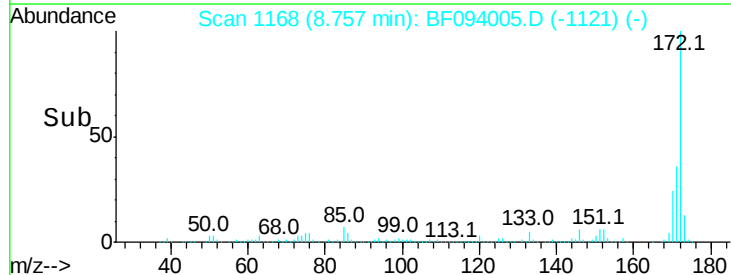
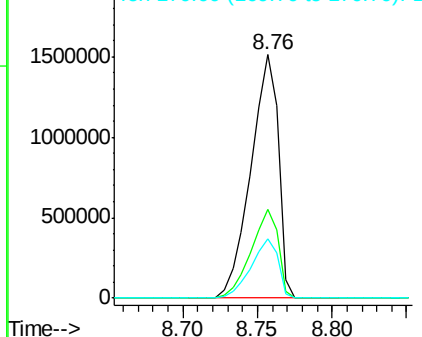


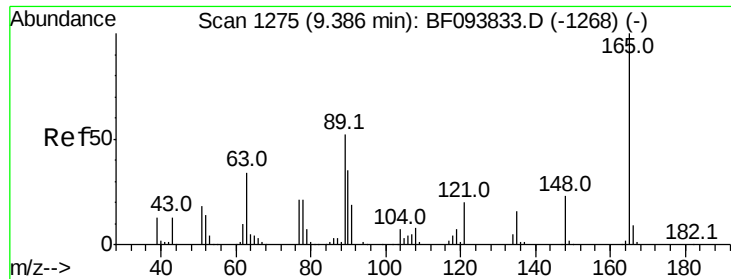
#44
 2-Fluorobiphenyl
 Concen: 94.57 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF094005.D
 Acq: 28 Mar 2017 21:03

Tgt Ion:172 Resp: 1919101
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.3 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

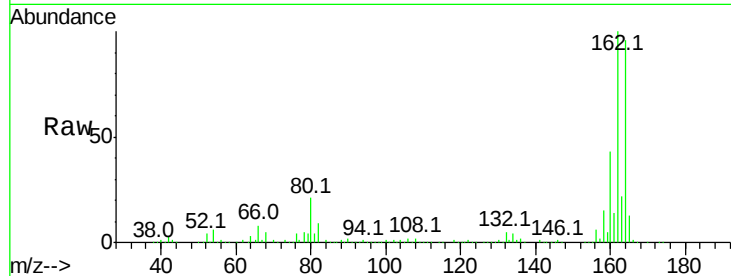




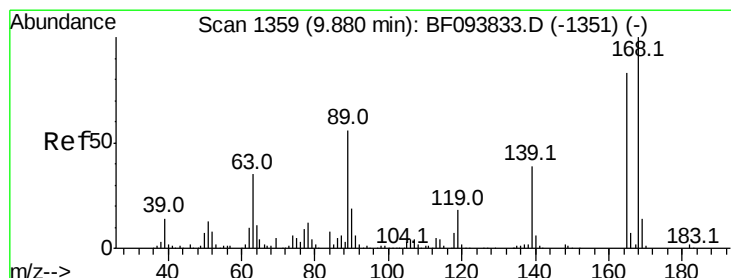
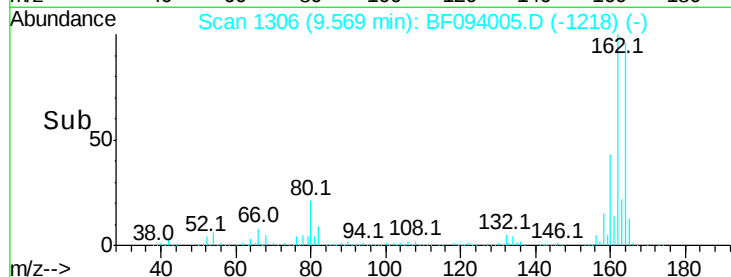
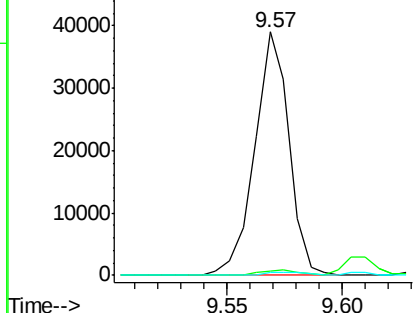
#50
 2,6-Dinitrotoluene
 Concen: 8.00 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. 0.22 min
 Lab File: BF094005.D
 Acq: 28 Mar 2017 21:03

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	1.3	37.1	55.7#



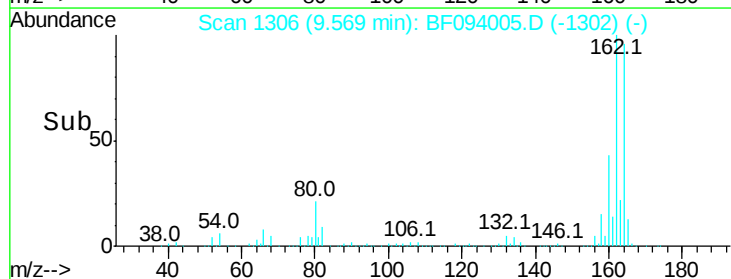
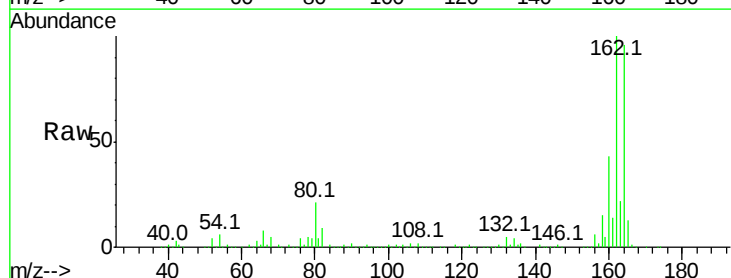
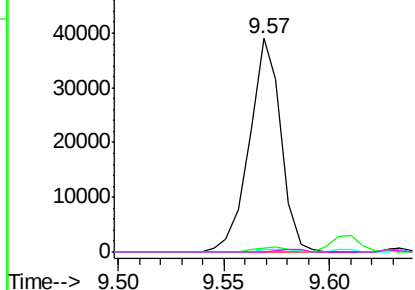
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

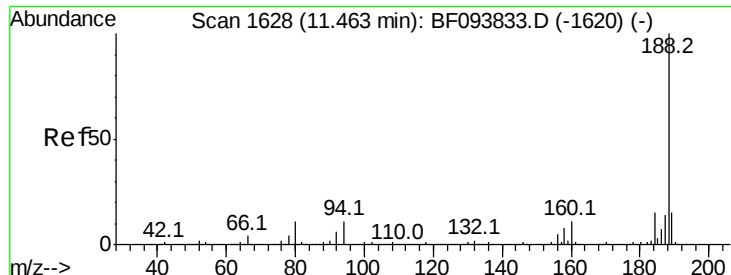


#56
 2,4-Dinitrotoluene
 Concen: 6.37 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. -0.28 min
 Lab File: BF094005.D
 Acq: 28 Mar 2017 21:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

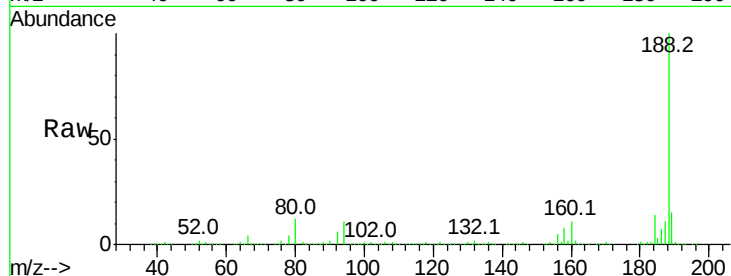




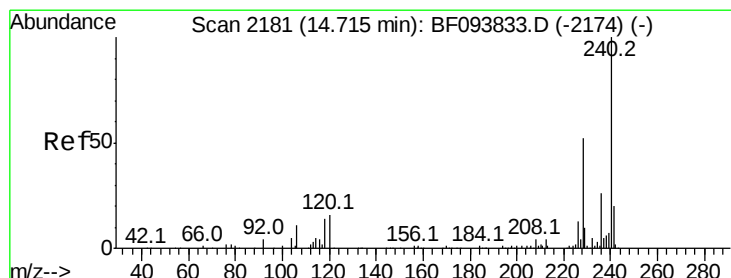
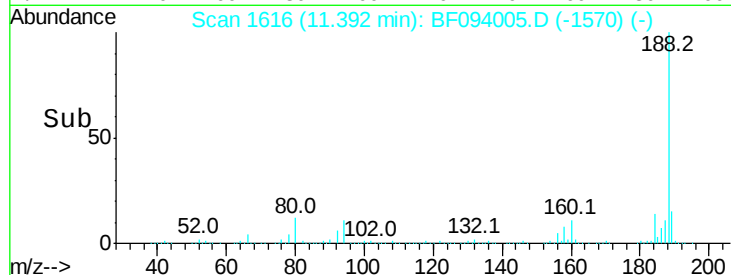
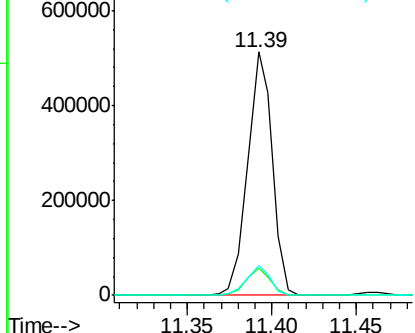
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.03 min
Lab File: BF094005.D
Acq: 28 Mar 2017 21:03

Instrument :
BNA_F
ClientSampleId :
HHD-GW1

Tot Ion:188 Resp: 524939
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.2 10.2 15.2

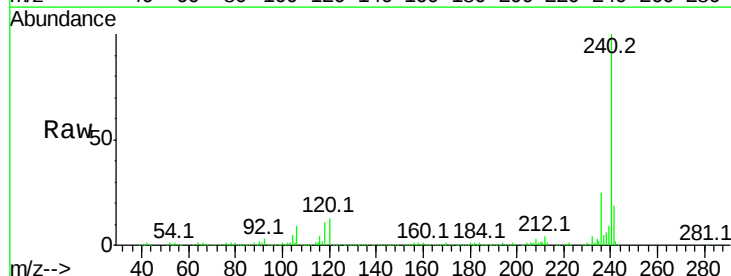


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

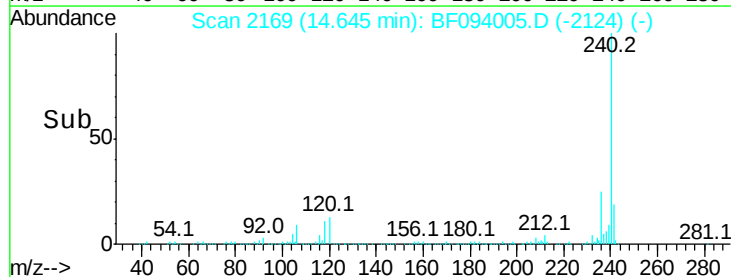
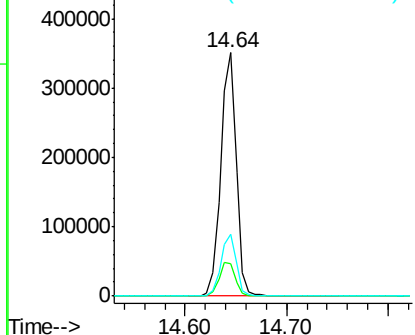


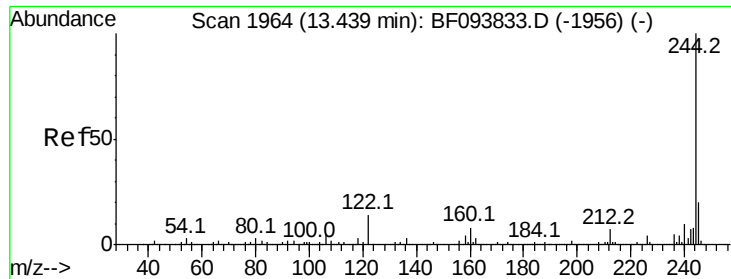
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.64 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF094005.D
Acq: 28 Mar 2017 21:03

Tgt Ion:240 Resp: 370211
Ion Ratio Lower Upper
240 100
120 13.3 5.8 8.8#
236 25.4 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



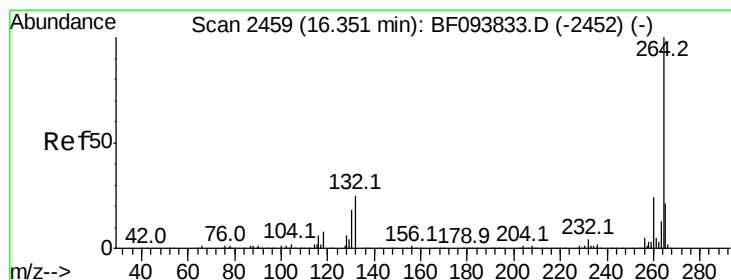
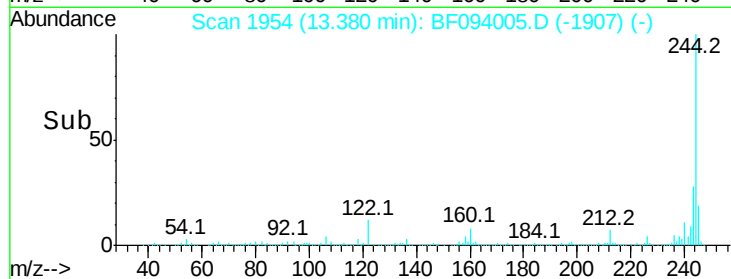
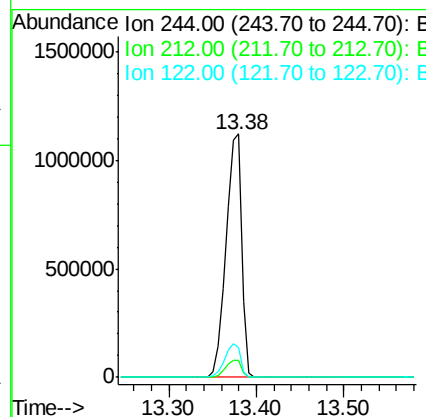
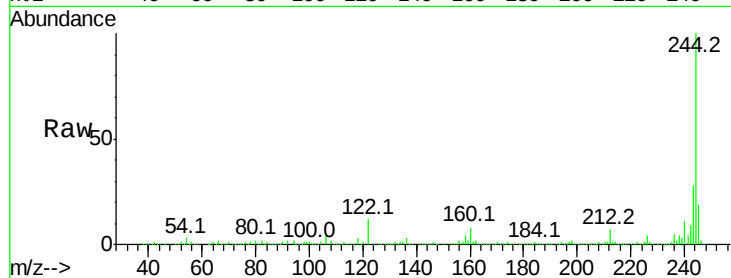


#78
 Terphenyl-d14
 Concen: 84.86 ng
 RT: 13.38 min Scan# 1954
 Delta R.T. -0.02 min
 Lab File: BF094005.D
 Acq: 28 Mar 2017 21:03

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1

Tot Ion:244 Resp: 1401553

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	12.5	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: BF094005.D
 Acq: 28 Mar 2017 21:03

Tgt Ion:264 Resp: 267120

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.9	17.2	25.8

