

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG017044.D
 Acq On : 11 May 2015 3:40
 Operator : TP/IZ
 Sample : G2109-10
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-33

Quant Time: May 11 05:39:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 05:17:53 2015
 Response via : Initial Calibration

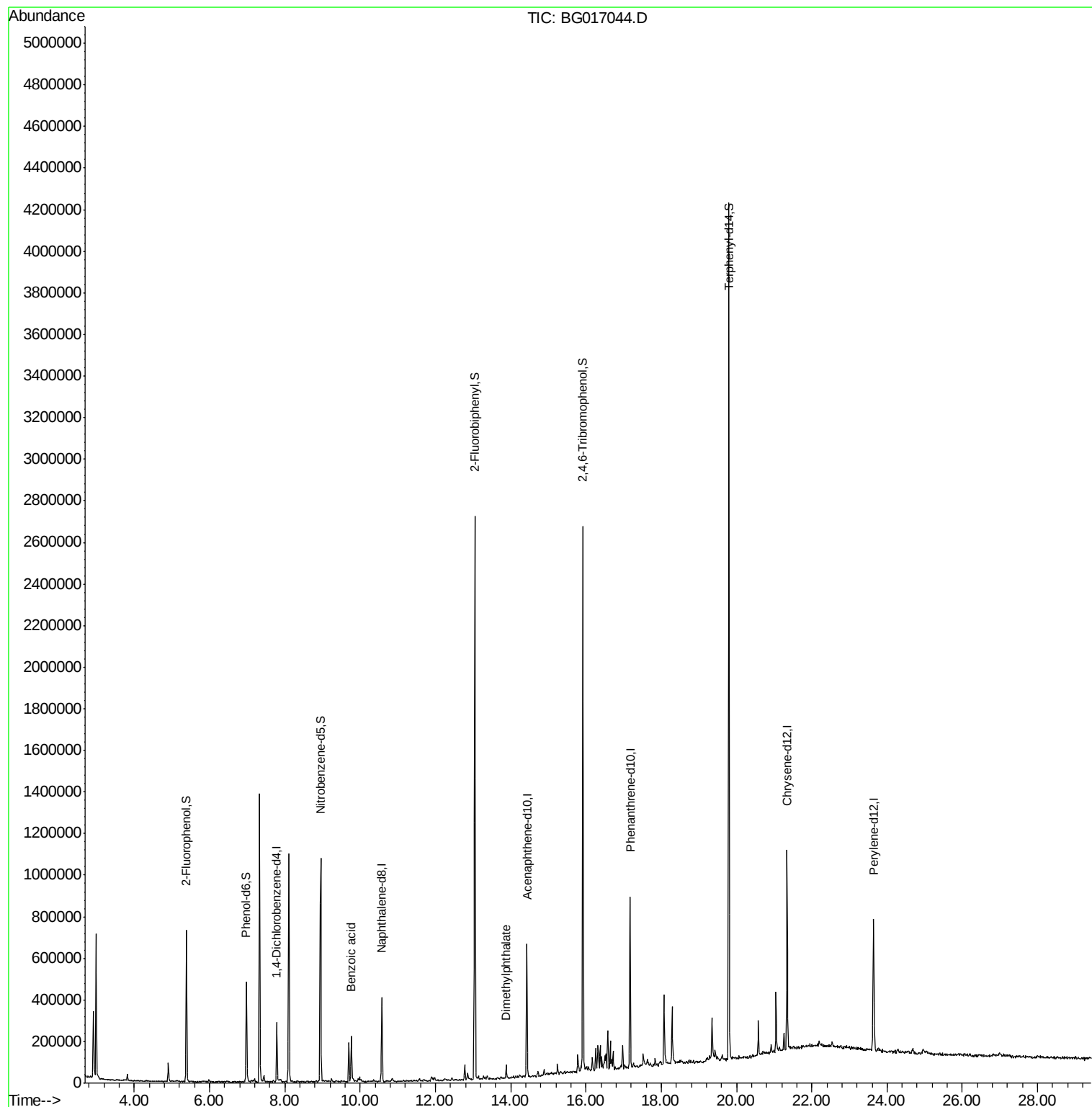
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	62502	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	302520	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	202014	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	456325	20.00	ng	0.00
75) Chrysene-d12	21.34	240	426897	20.00	ng	0.00
86) Perylene-d12	23.64	264	433054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	260765	72.65	ng	0.00
7) Phenol-d6	6.98	99	223228	43.53	ng	0.00
23) Nitrobenzene-d5	8.95	82	585018	94.47	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	362173	178.58	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1198059	89.49	ng	0.00
78) Terphenyl-d14	19.80	244	1545048	84.84	ng	0.00
Target Compounds						
32) Benzoic acid	9.76	122	5980	2.88	ng	# 12
49) Dimethylphthalate	13.88	163	33310	2.21	ng	# 97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. 0.00 min

Lab File: BG017044.D

Acq: 11 May 2015 3:40

Instrument :

BNA_G

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W-33

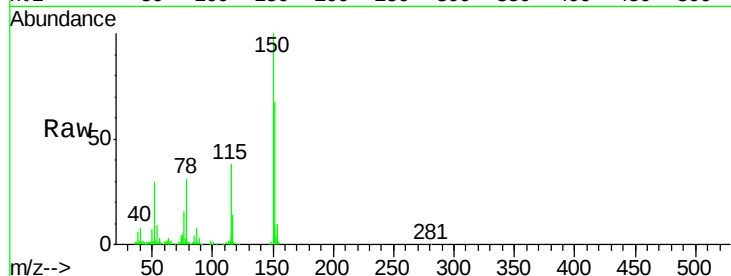
Tgt Ion:152 Resp: 62502

Ion Ratio Lower Upper

152 100

150 150.0 121.0 181.4

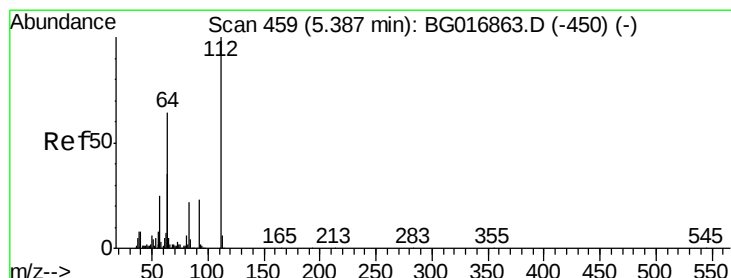
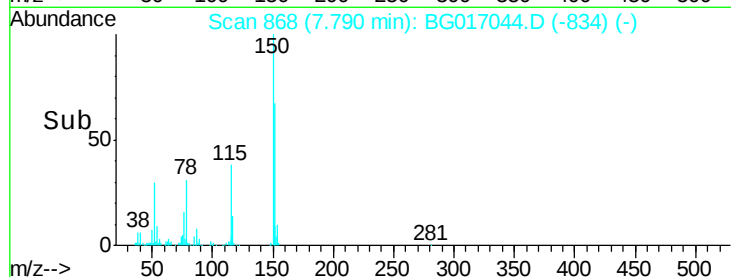
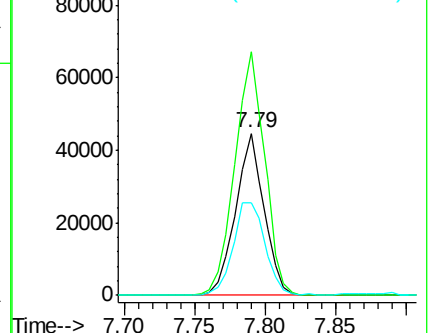
115 57.2 50.5 75.7



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: 72.65 ng

RT: 5.39 min Scan# 459

Delta R.T. 0.01 min

Lab File: BG017044.D

Acq: 11 May 2015 3:40

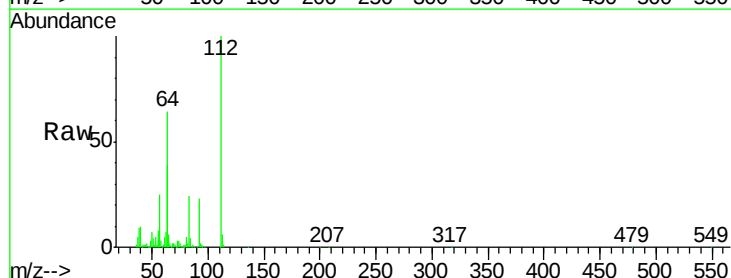
Tgt Ion:112 Resp: 260765

Ion Ratio Lower Upper

112 100

64 63.8 51.4 77.2

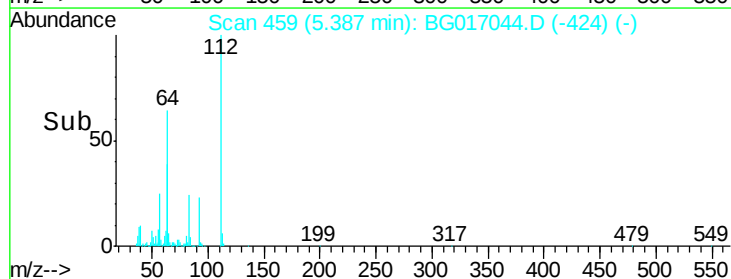
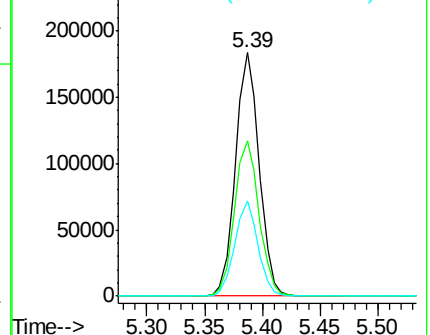
63 39.0 28.1 42.1

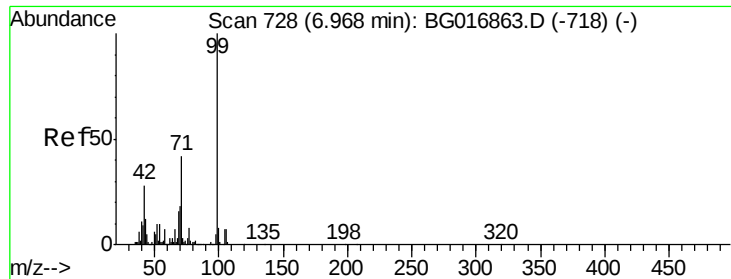


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 43.53 ng

RT: 6.98 min Scan# 730

Delta R.T. 0.01 min

Lab File: BG017044.D

Acq: 11 May 2015 3:40

Instrument :

BNA_G

ClientSampleId :

W-33

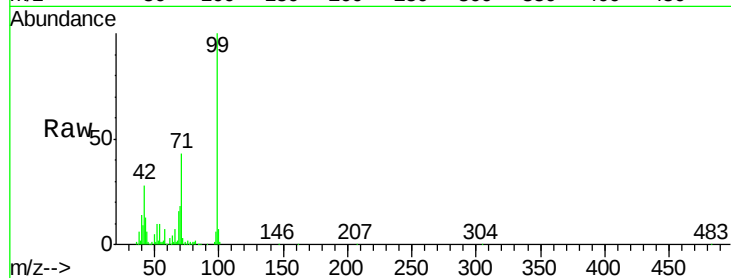
Tgt Ion: 99 Resp: 223228

Ion Ratio Lower Upper

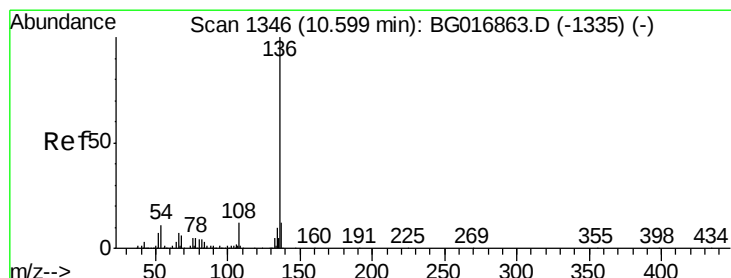
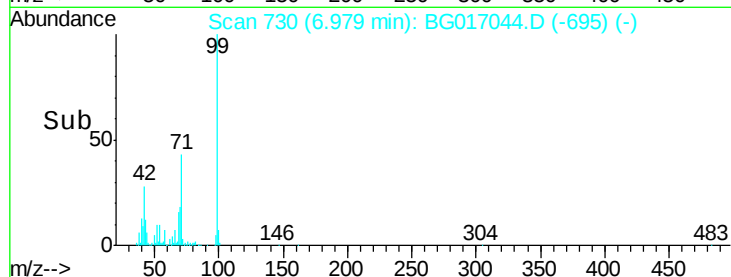
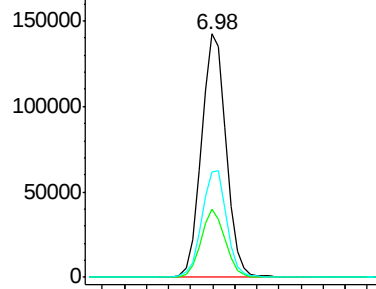
99 100

42 28.2 22.1 33.1

71 43.4 33.4 50.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.58 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BG017044.D

Acq: 11 May 2015 3:40

Tgt Ion: 136 Resp: 302520

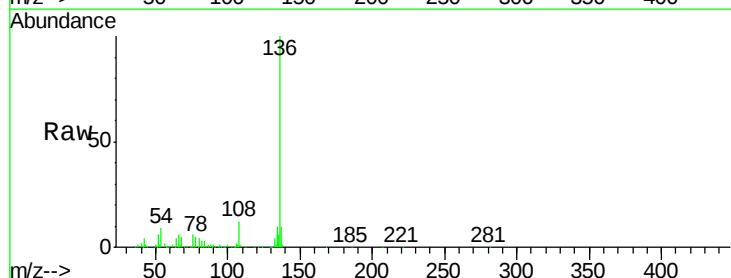
Ion Ratio Lower Upper

136 100

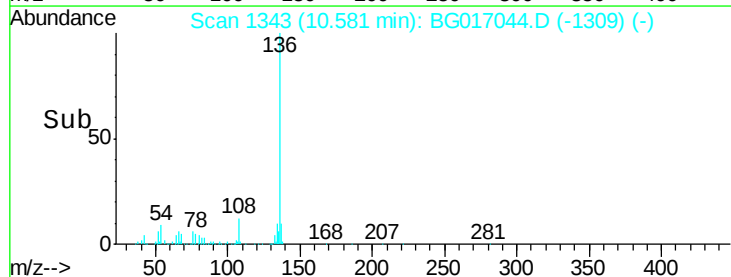
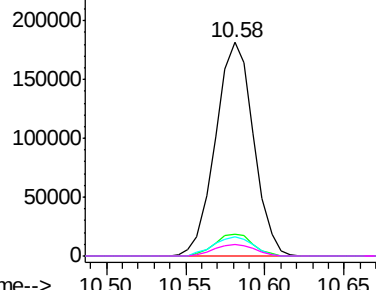
137 10.5 9.8 14.8

54 9.3 8.7 13.1

68 5.3 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

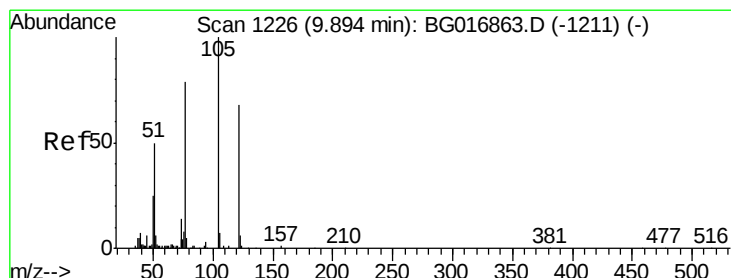
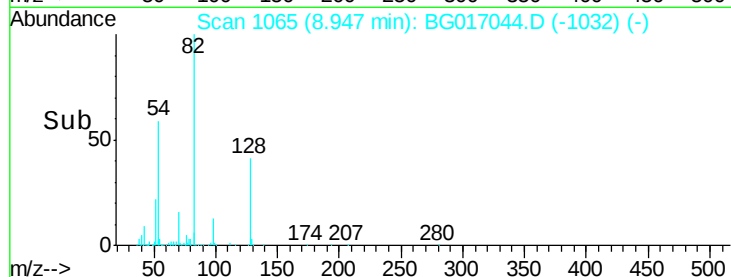
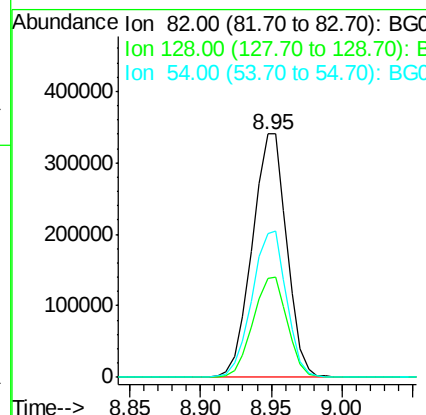
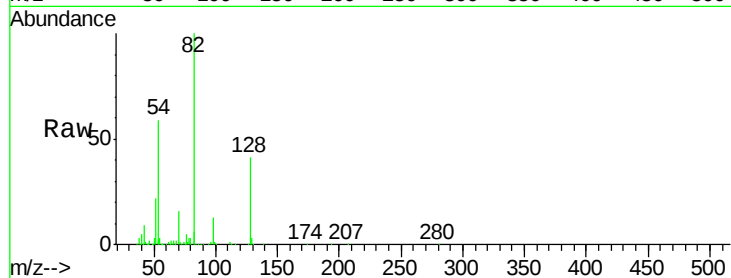




#23
 Nitrobenzene-d5
 Concen: 94.47 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG017044.D
 Acq: 11 May 2015 3:40

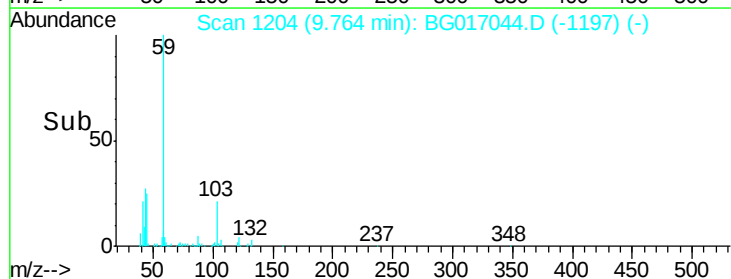
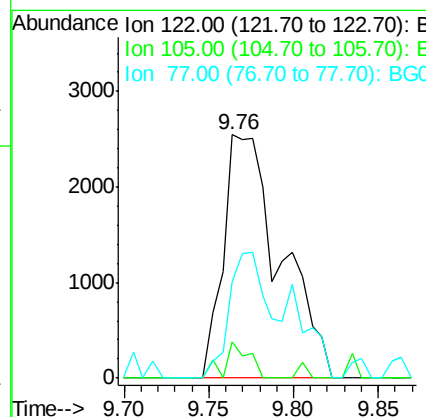
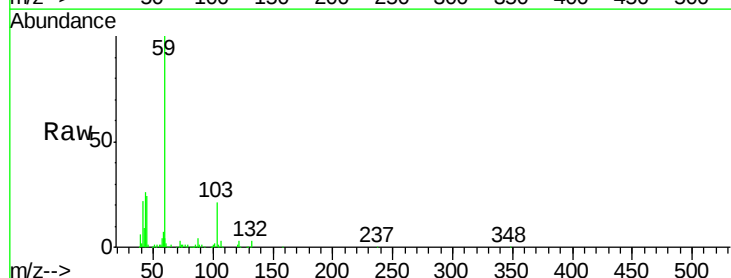
Instrument :
 BNA_G
 ClientSampleId :
 W-33

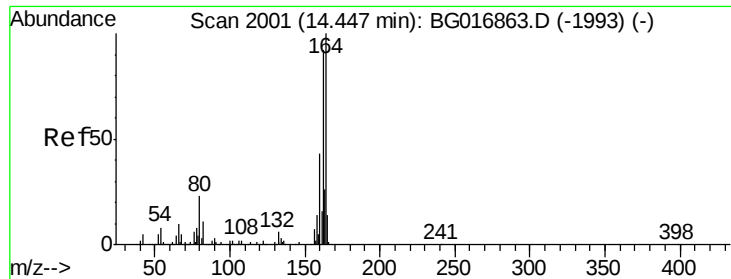
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.2	49.8
54	59.1	48.6	72.8



#32
 Benzoic acid
 Concen: 2.88 ng
 RT: 9.76 min Scan# 1204
 Delta R.T. -0.16 min
 Lab File: BG017044.D
 Acq: 11 May 2015 3:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	15.0	123.2	163.2#
77	39.5	93.0	133.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.43 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BG017044.D

Acq: 11 May 2015 3:40

Instrument :

BNA_G

ClientSampleId :

W-33

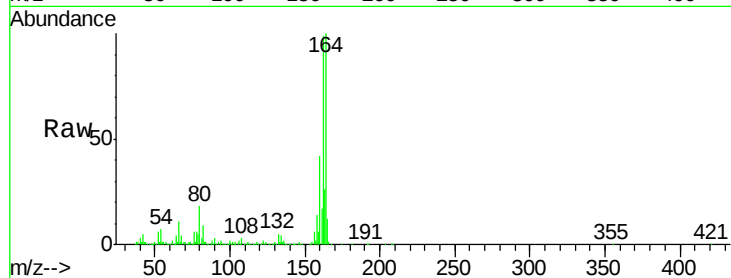
Tgt Ion:164 Resp: 202014

Ion Ratio Lower Upper

164 100

162 98.5 74.0 111.0

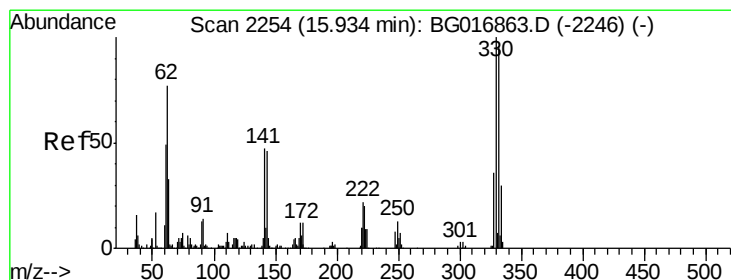
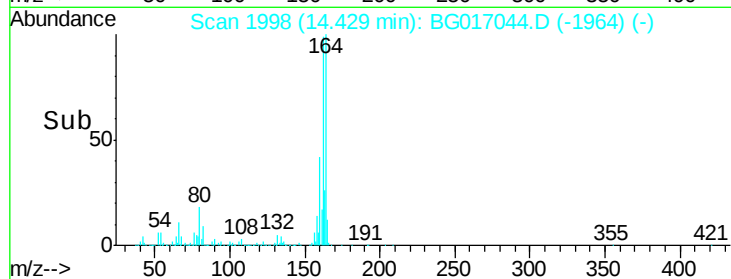
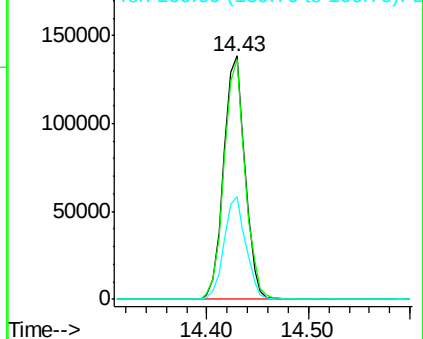
160 42.0 34.7 52.1



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: 178.58 ng

RT: 15.92 min Scan# 2252

Delta R.T. 0.00 min

Lab File: BG017044.D

Acq: 11 May 2015 3:40

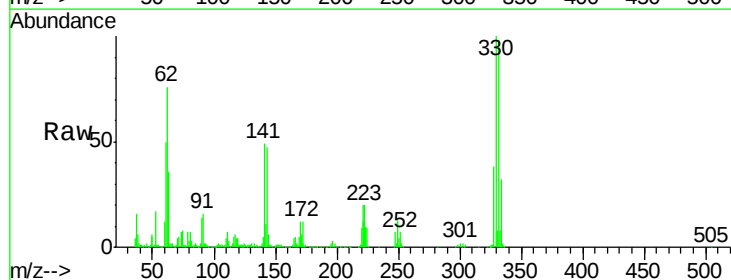
Tgt Ion:330 Resp: 362173

Ion Ratio Lower Upper

330 100

332 96.0 0.0 0.0#

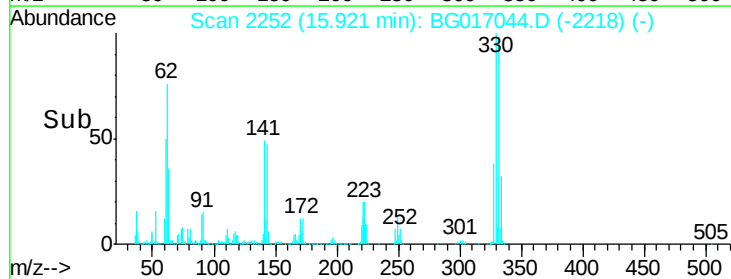
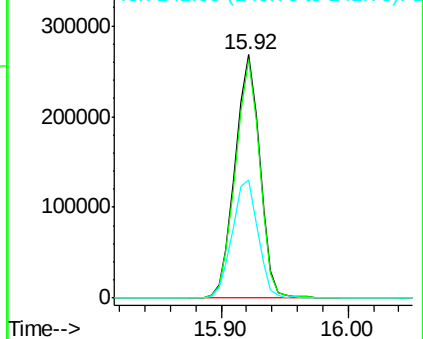
141 50.7 0.0 0.0#

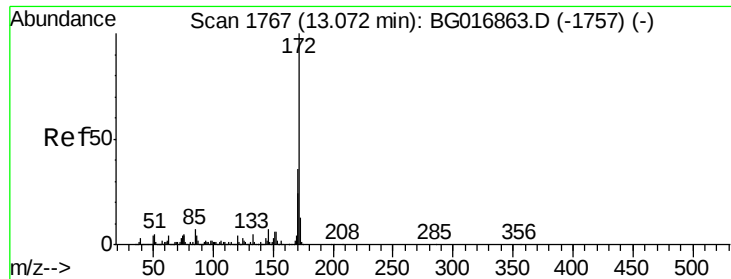


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

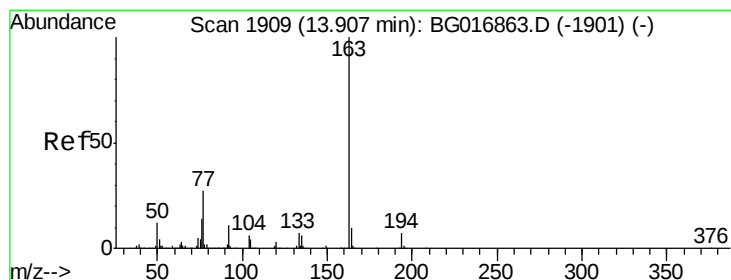
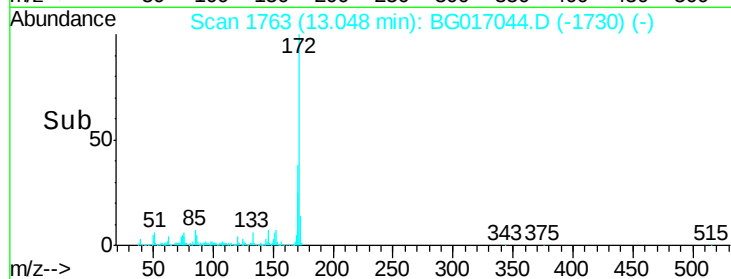
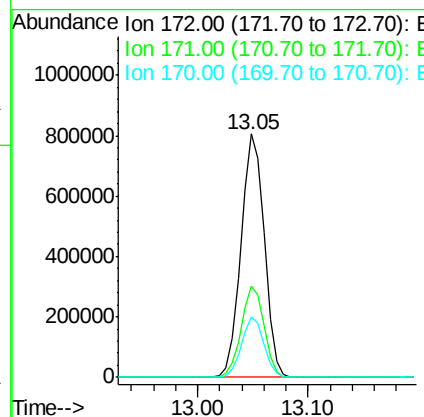
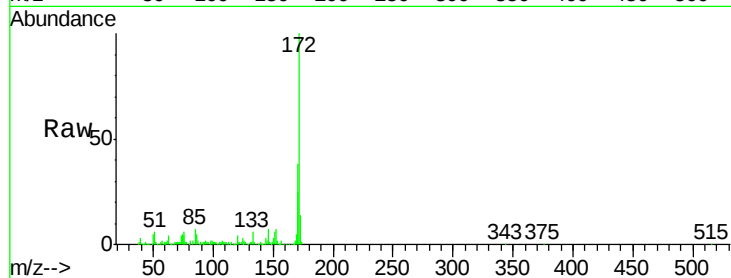




#44
 2-Fluorobiphenyl
 Concen: 89.49 ng
 RT: 13.05 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: BG017044.D
 Acq: 11 May 2015 3:40

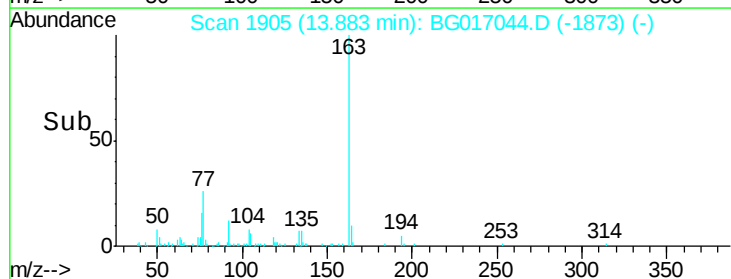
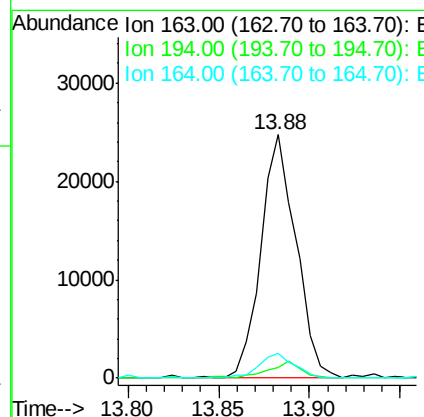
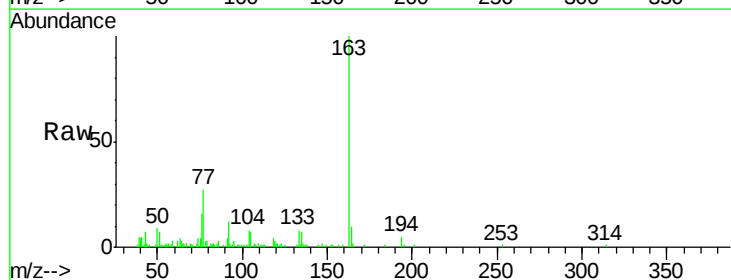
Instrument :
 BNA_G
 ClientSampleId :
 W-33

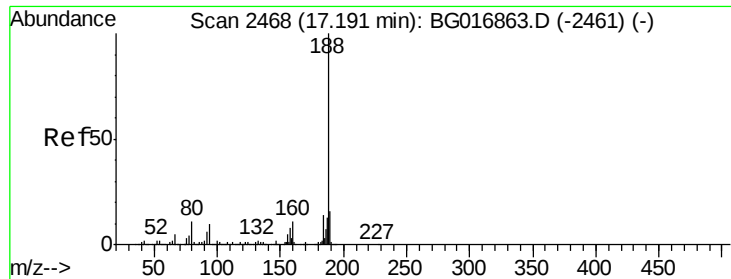
Tgt Ion:172 Resp: 1198059
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.0 43.4
 170 24.8 19.0 28.4



#49
 Dimethylphthalate
 Concen: 2.21 ng
 RT: 13.88 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BG017044.D
 Acq: 11 May 2015 3:40

Tgt Ion:163 Resp: 33310
 Ion Ratio Lower Upper
 163 100
 194 4.6 5.2 7.8#
 164 9.9 8.4 12.6

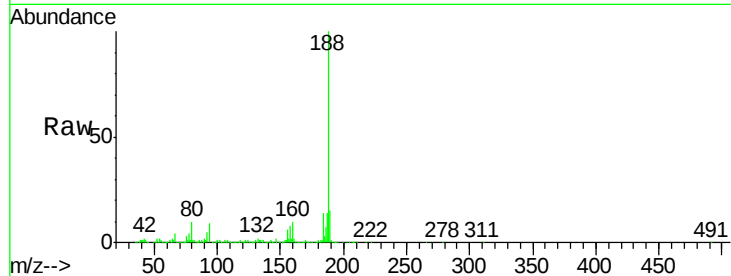




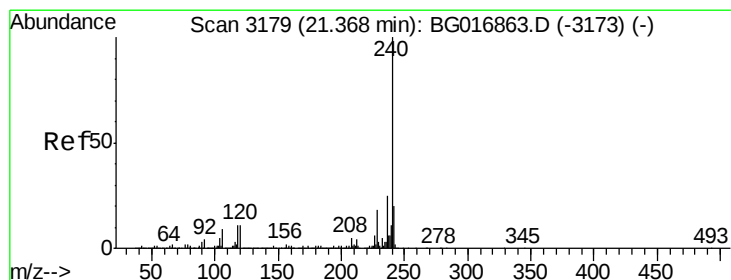
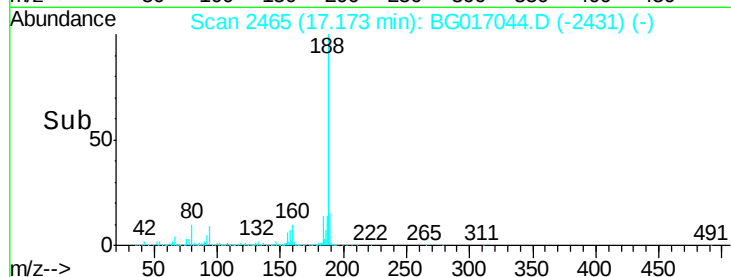
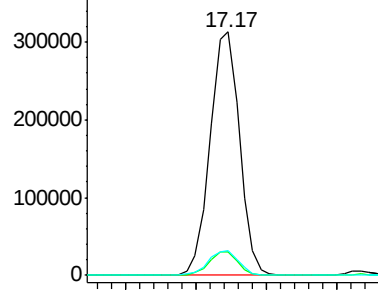
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. 0.00 min
Lab File: BG017044.D
Acq: 11 May 2015 3:40

Instrument :
BNA_G
ClientSampleId :
W-33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.4
80	9.9	8.8	13.2

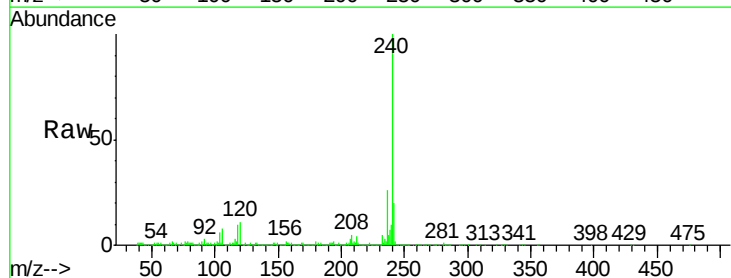


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

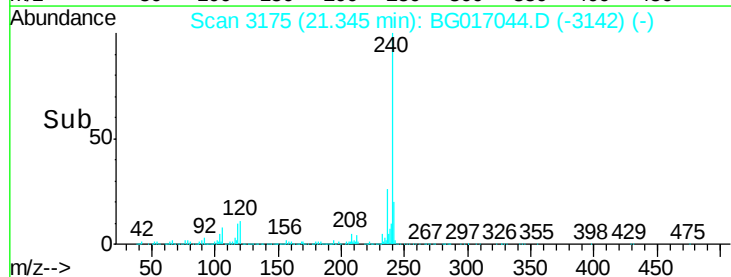
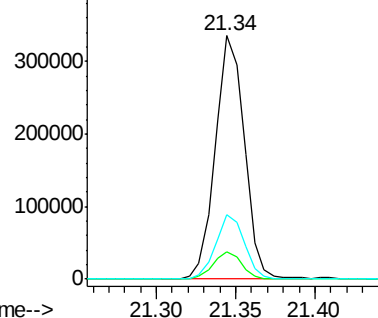


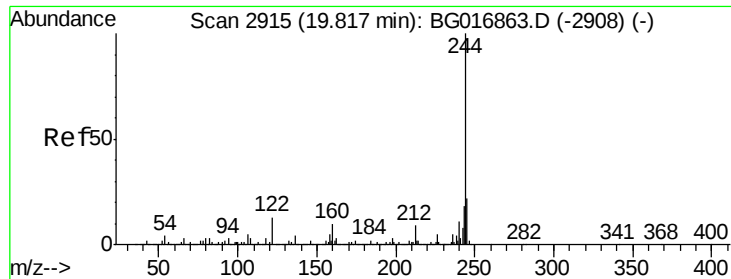
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BG017044.D
Acq: 11 May 2015 3:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.1	13.7
236	26.3	20.2	30.4



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: 84.84 ng

RT: 19.80 min Scan# 2912

Delta R.T. 0.00 min

Lab File: BG017044.D

Acq: 11 May 2015 3:40

Instrument :

BNA_G

ClientSampleId :

W-33

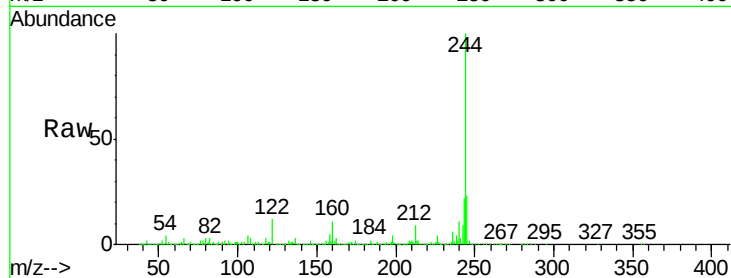
Tgt Ion:244 Resp: 1545048

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

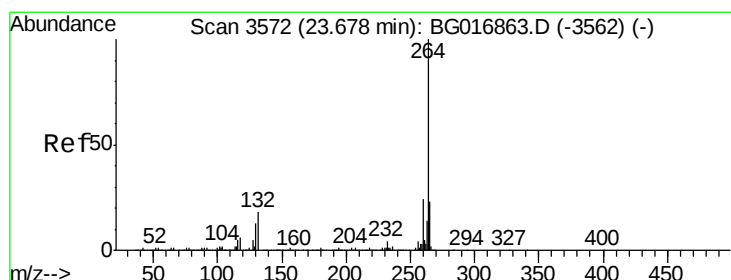
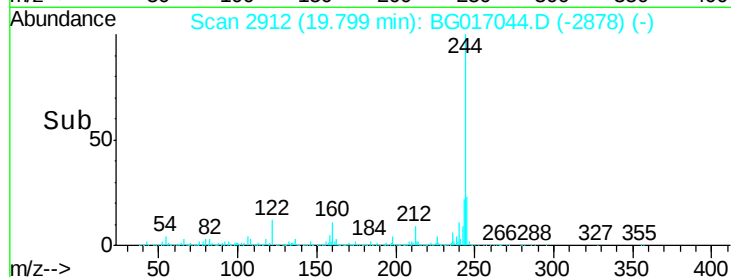
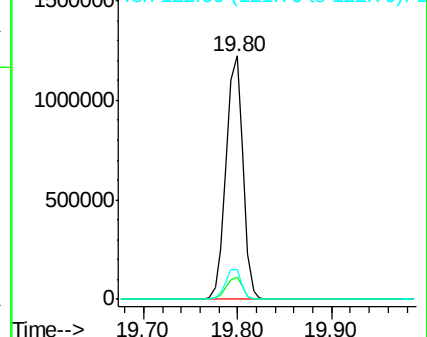
122 12.4 10.4 15.6



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: 20.00 ng

RT: 23.64 min Scan# 3566

Delta R.T. -0.00 min

Lab File: BG017044.D

Acq: 11 May 2015 3:40

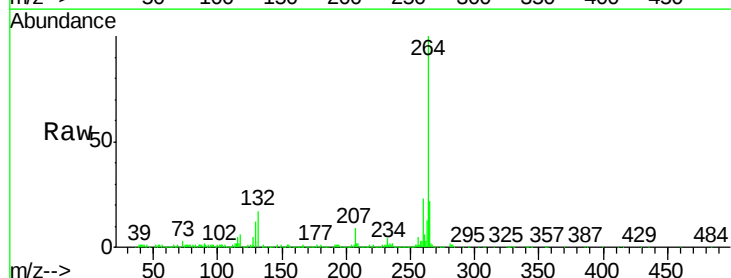
Tgt Ion:264 Resp: 433054

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 22.2 18.5 27.7



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

