

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024113.D
 Acq On : 24 Sep 2016 7:33
 Operator : UM/SJ
 Sample : H4893-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-9

Quant Time: Sep 26 00:56:38 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44534	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	198026	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	162861	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	362781	20.00	ng	0.00
75) Chrysene-d12	21.79	240	412547	20.00	ng	0.00
86) Perylene-d12	25.12	264	407598	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	189365	73.67	ng	0.00
7) Phenol-d6	7.21	99	184866	42.74	ng	0.00
23) Nitrobenzene-d5	9.22	82	516932	102.89	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	351775	150.27	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	1022837	105.57	ng	0.00
78) Terphenyl-d14	20.09	244	1647777	81.79	ng	0.00

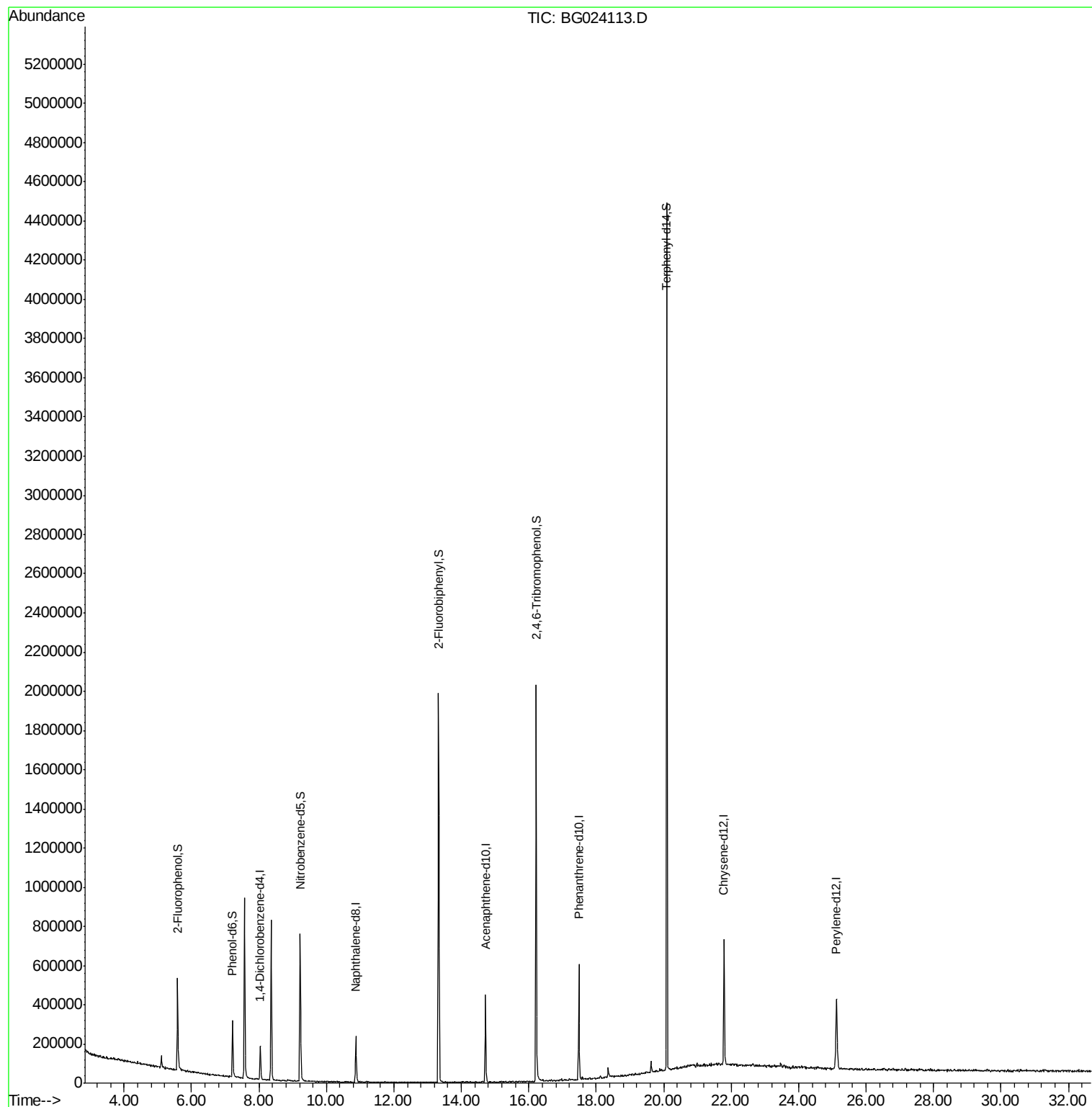
Target Compounds	Qvalue
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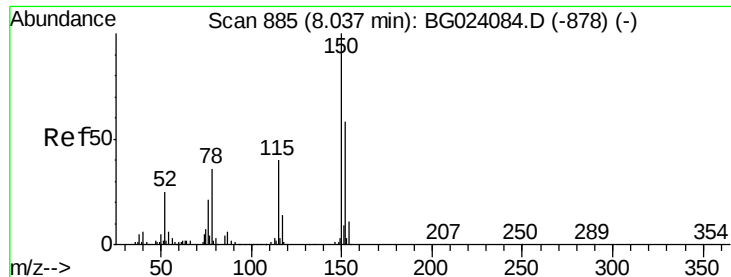
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG024113.D

Acq: 24 Sep 2016 7:33

Instrument :

BNA_G

ClientSampled :

MW-9

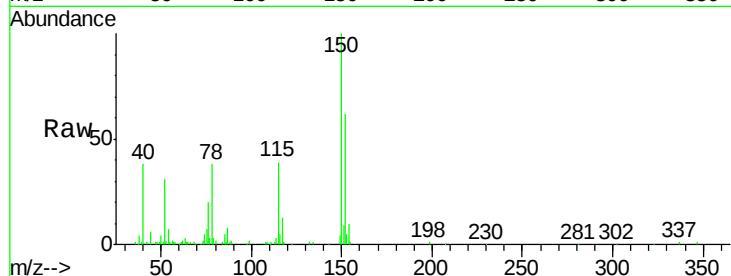
Tgt Ion:152 Resp: 44534

Ion Ratio Lower Upper

152 100

150 162.1 144.7 217.1

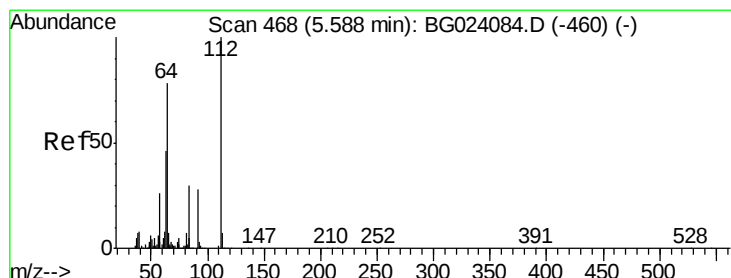
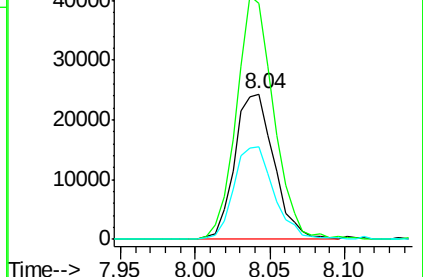
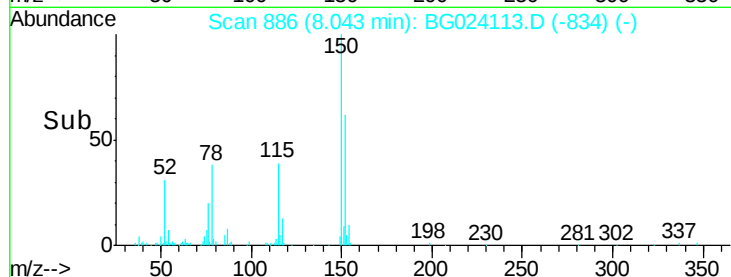
115 63.9 64.0 96.0#



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: 73.67 ng

RT: 5.59 min Scan# 468

Delta R.T. 0.00 min

Lab File: BG024113.D

Acq: 24 Sep 2016 7:33

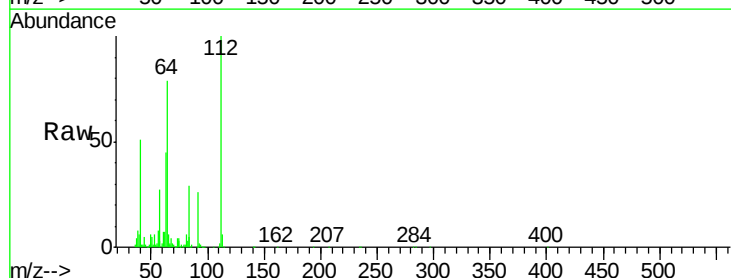
Tgt Ion:112 Resp: 189365

Ion Ratio Lower Upper

112 100

64 78.8 59.0 88.4

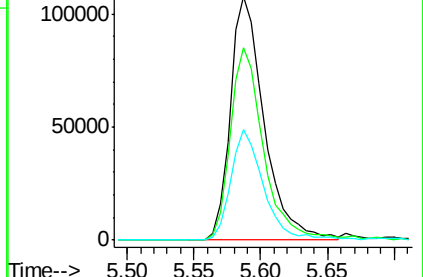
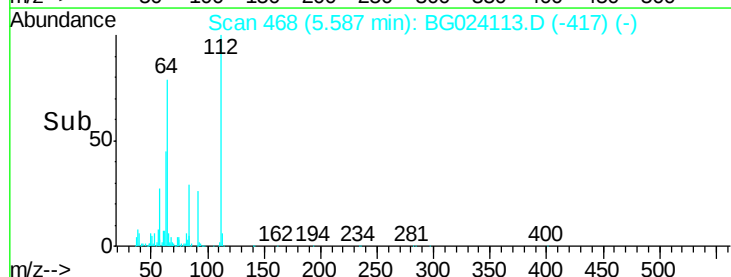
63 45.3 37.8 56.8

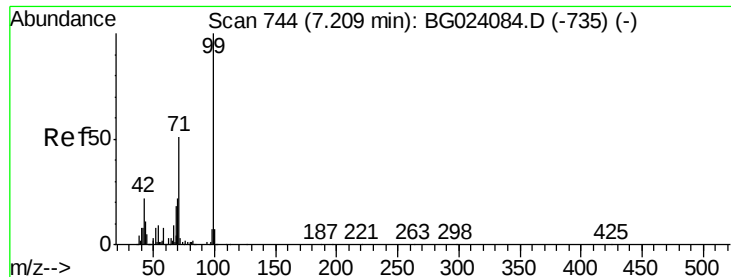


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 42.74 ng

RT: 7.21 min Scan# 745

Delta R.T. 0.01 min

Lab File: BG024113.D

Acq: 24 Sep 2016 7:33

Instrument :

BNA_G

ClientSampleId :

MW-9

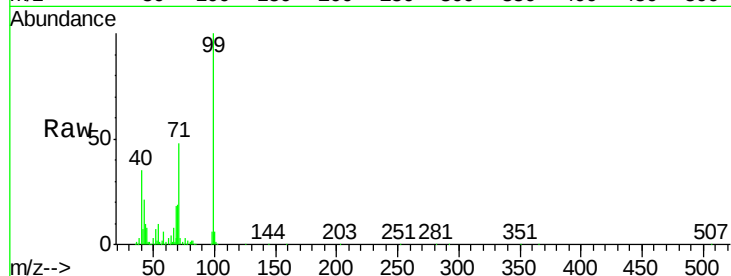
Tgt Ion: 99 Resp: 184866

Ion Ratio Lower Upper

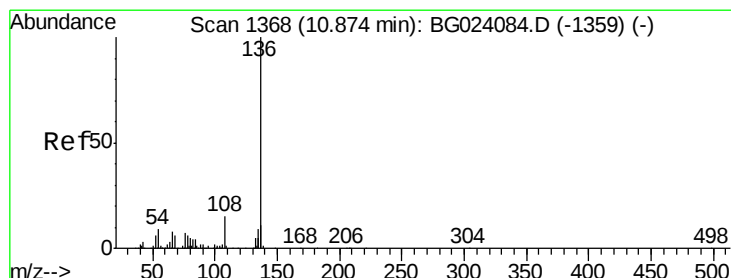
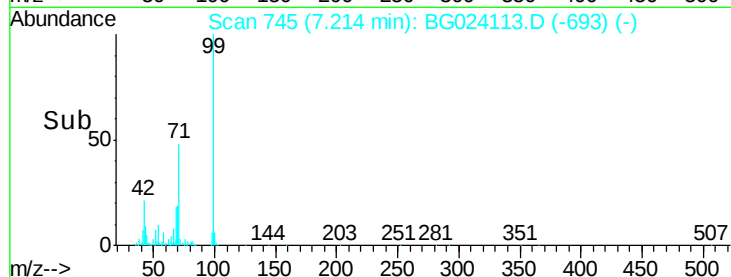
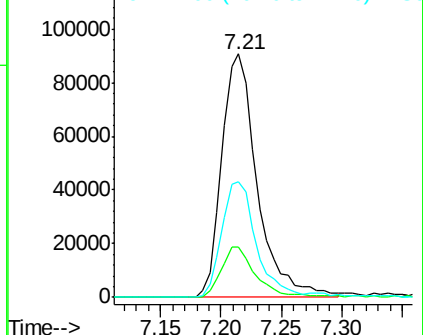
99 100

42 20.8 17.8 26.6

71 47.6 41.5 62.3



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: 10.87 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BG024113.D

Acq: 24 Sep 2016 7:33

Tgt Ion: 136 Resp: 198026

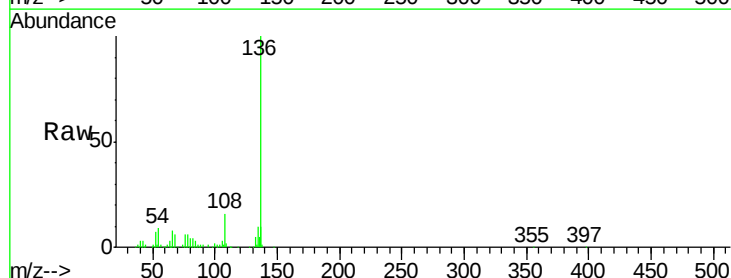
Ion Ratio Lower Upper

136 100

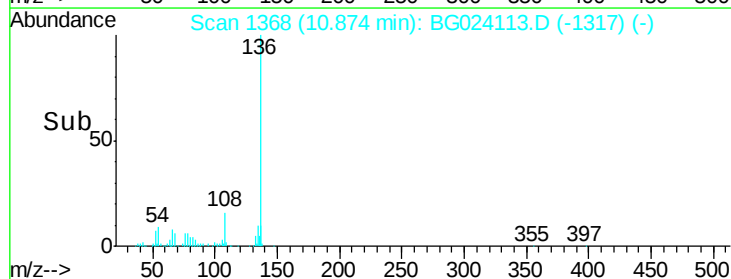
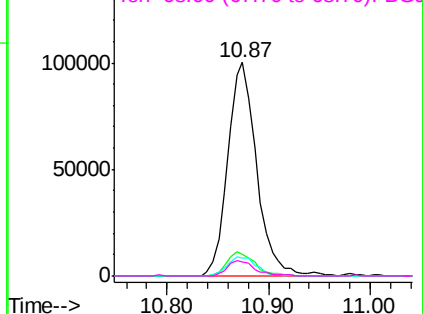
137 10.0 9.6 14.4

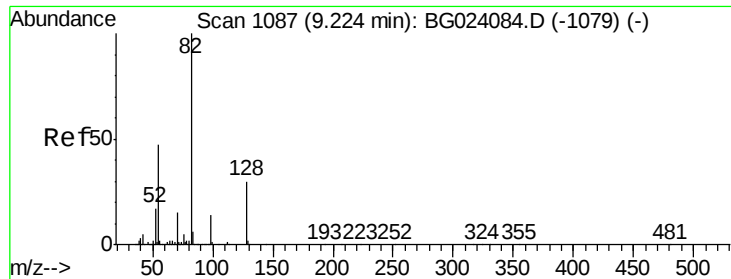
54 8.6 7.3 10.9

68 6.5 5.3 7.9



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

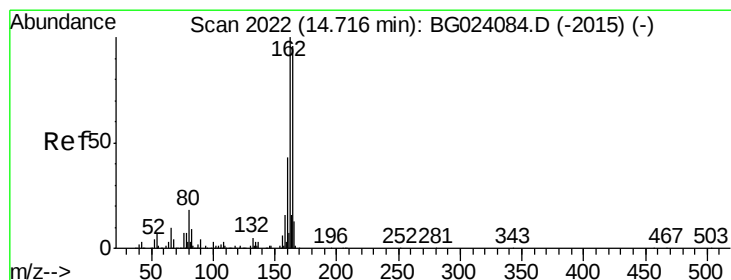
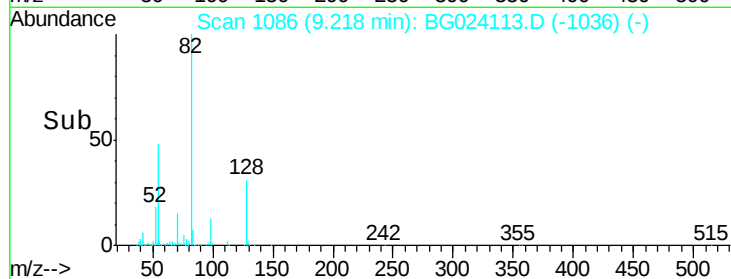
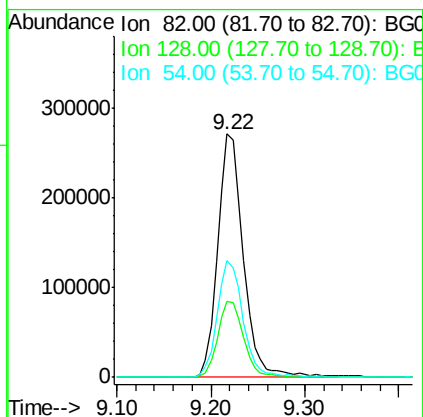
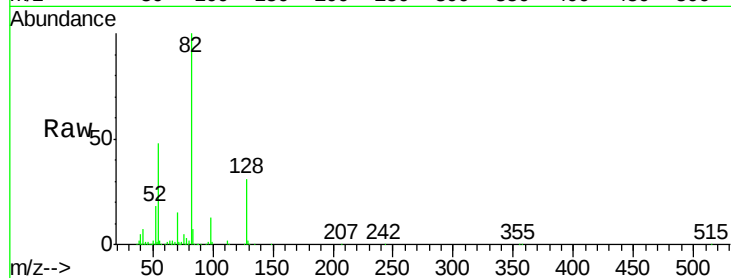




#23
Nitrobenzene-d5
Concen: 102.89 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BG024113.D
Acq: 24 Sep 2016 7:33

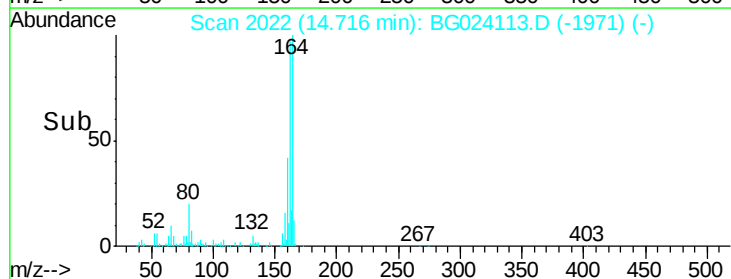
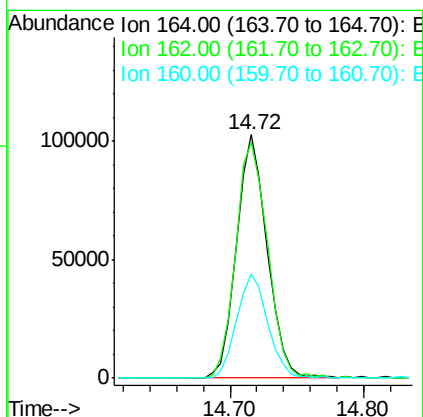
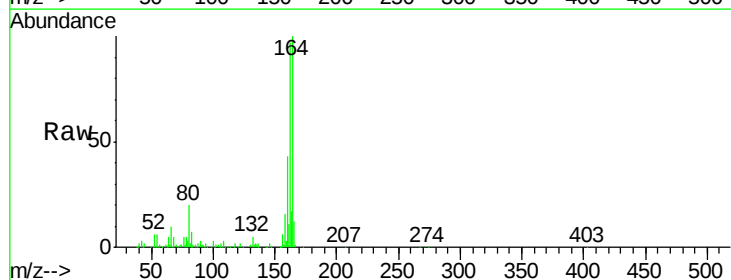
Instrument :
BNA_G
ClientSampleId :
MW-9

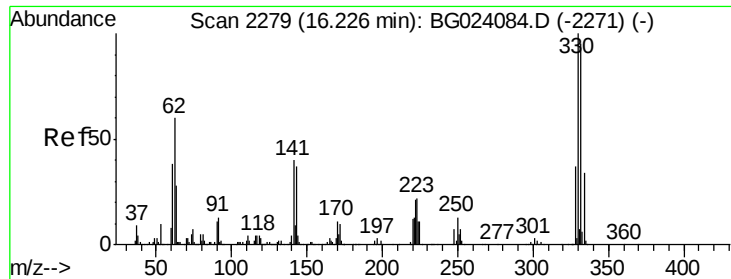
Tgt Ion: 82 Resp: 516932
Ion Ratio Lower Upper
82 100
128 31.2 24.4 36.6
54 48.3 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG024113.D
Acq: 24 Sep 2016 7:33

Tgt Ion: 164 Resp: 162861
Ion Ratio Lower Upper
164 100
162 97.1 87.7 131.5
160 42.7 37.2 55.8

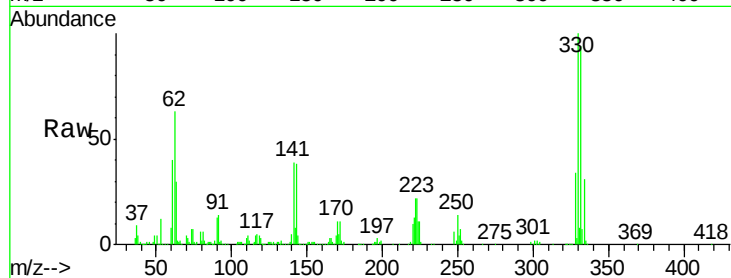




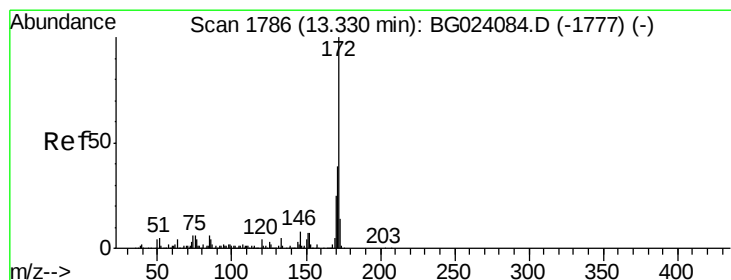
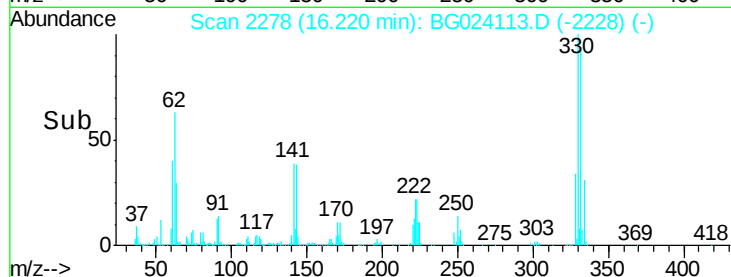
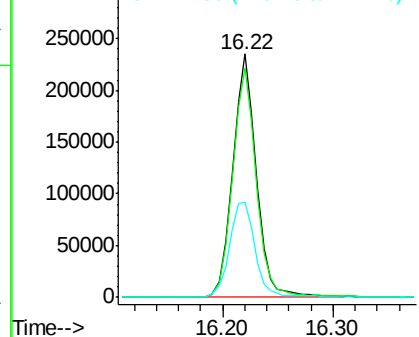
#41
 2,4,6-Tribromophenol
 Concen: 150.27 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG024113.D
 Acq: 24 Sep 2016 7:33

Instrument :
 BNA_G
 ClientSampleId :
 MW-9

Tgt Ion:330 Resp: 351775
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.4 116.2
 141 42.6 31.7 47.5

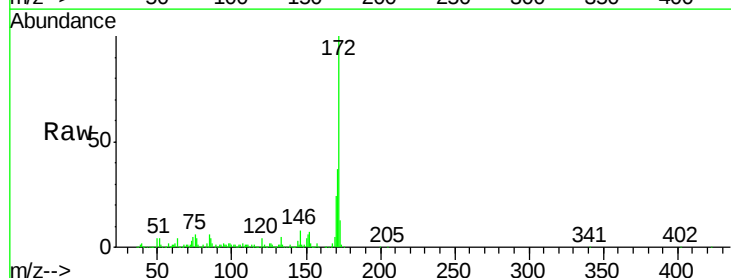


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

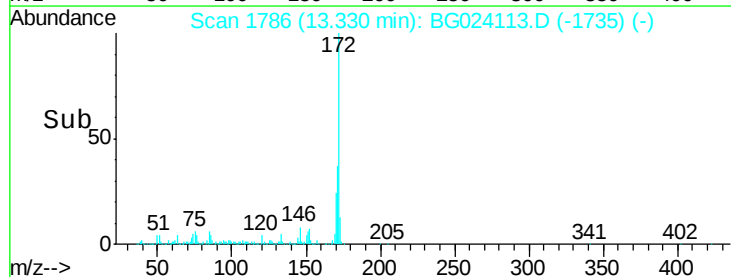
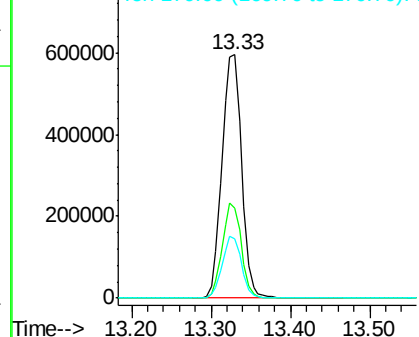


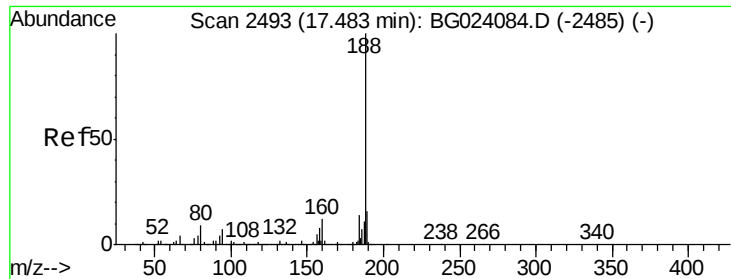
#44
 2-Fluorobiphenyl
 Concen: 105.57 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG024113.D
 Acq: 24 Sep 2016 7:33

Tgt Ion:172 Resp: 1022837
 Ion Ratio Lower Upper
 172 100
 171 37.2 31.6 47.4
 170 24.4 21.3 31.9



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: 17.48 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BG024113.D

Acq: 24 Sep 2016 7:33

Instrument :

BNA_G

ClientSampleId :

MW-9

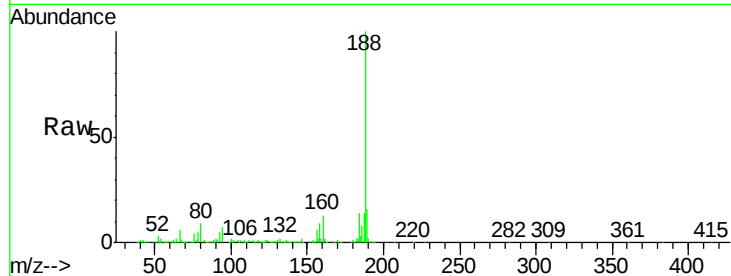
Tgt Ion:188 Resp: 362781

Ion Ratio Lower Upper

188 100

94 7.3 5.2 7.8

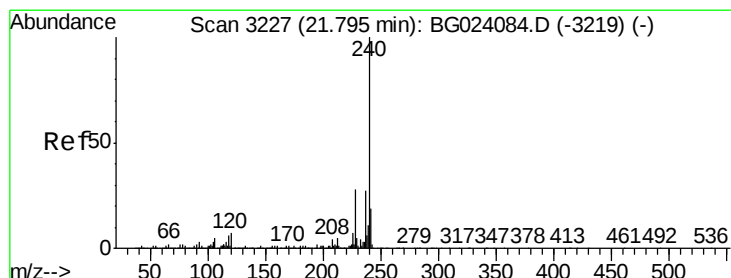
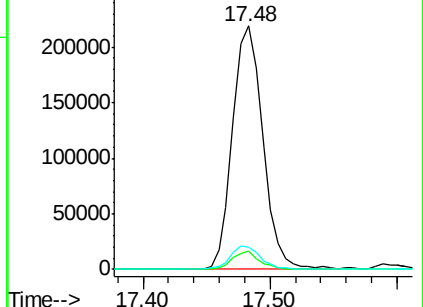
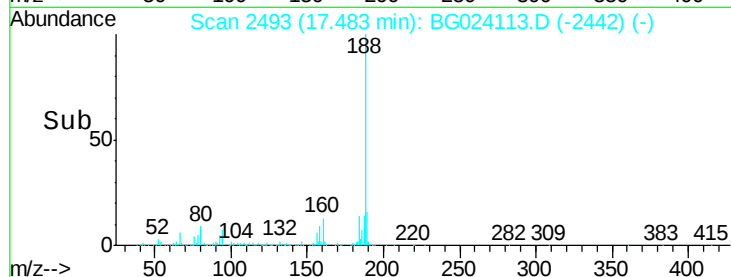
80 9.3 7.2 10.8



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: 21.79 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BG024113.D

Acq: 24 Sep 2016 7:33

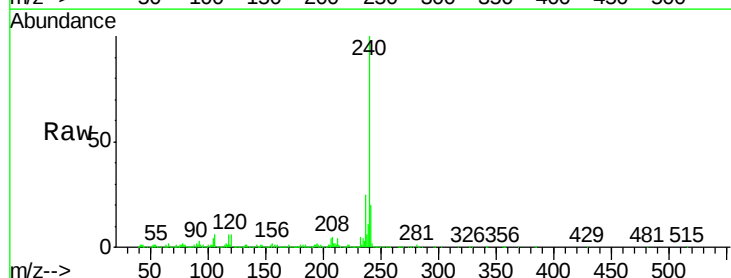
Tgt Ion:240 Resp: 412547

Ion Ratio Lower Upper

240 100

120 6.5 4.1 6.1#

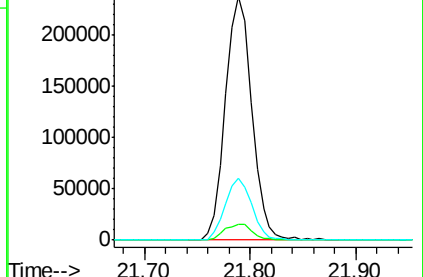
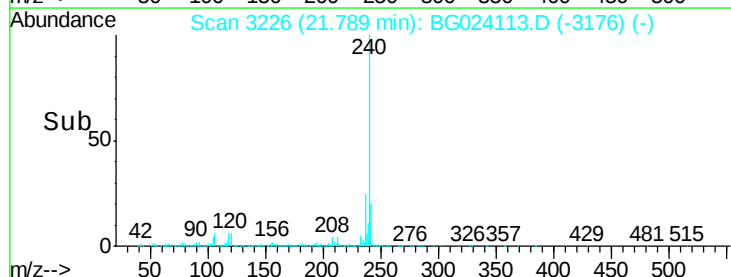
236 25.5 21.1 31.7

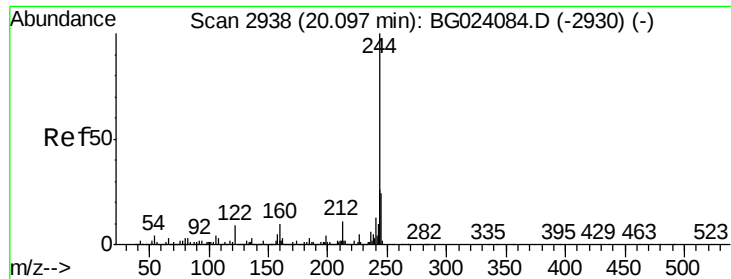


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.79 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.01 min

Lab File: BG024113.D

Acq: 24 Sep 2016 7:33

Instrument :

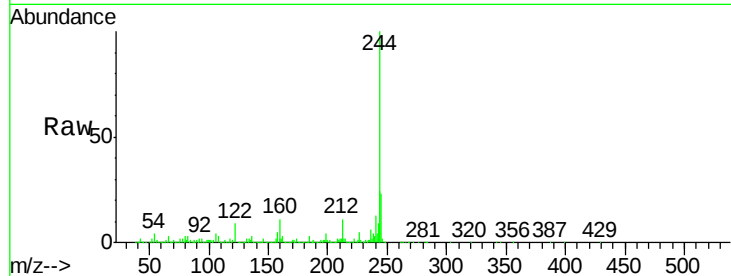
BNA_G

ClientSampleId :

MW-9

Tgt Ion:244 Resp: 1647777

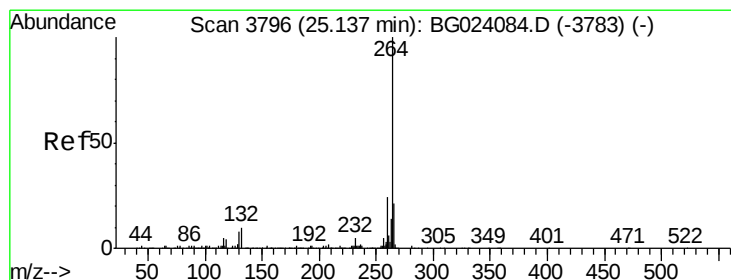
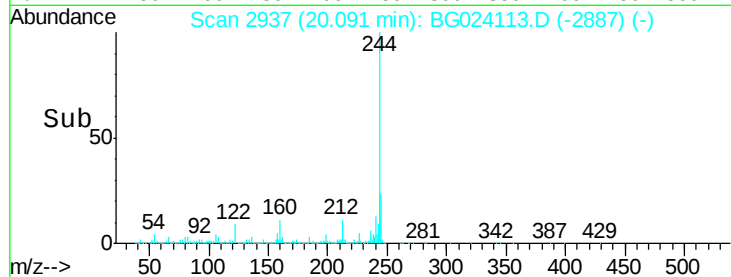
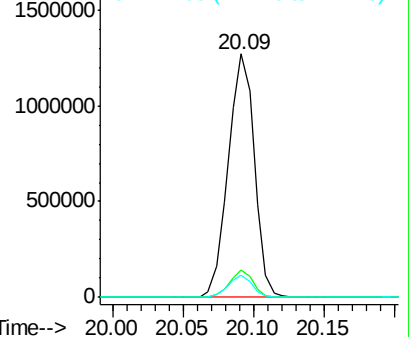
Ion	Ratio	Lower	Upper
244	100		
212	11.0	10.8	16.2
122	9.0	8.0	12.0



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: 25.12 min Scan# 3793

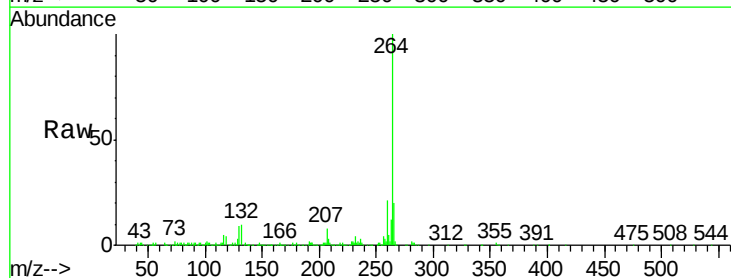
Delta R.T. -0.02 min

Lab File: BG024113.D

Acq: 24 Sep 2016 7:33

Tgt Ion:264 Resp: 407598

Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.4	27.6
265	20.4	18.9	28.3



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

