

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
 Data File : BG024652.D
 Acq On : 3 Nov 2016 14:30
 Operator : UM/SJ
 Sample : H5491-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-75-10.4-18.0

Quant Time: Nov 03 18:10:58 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

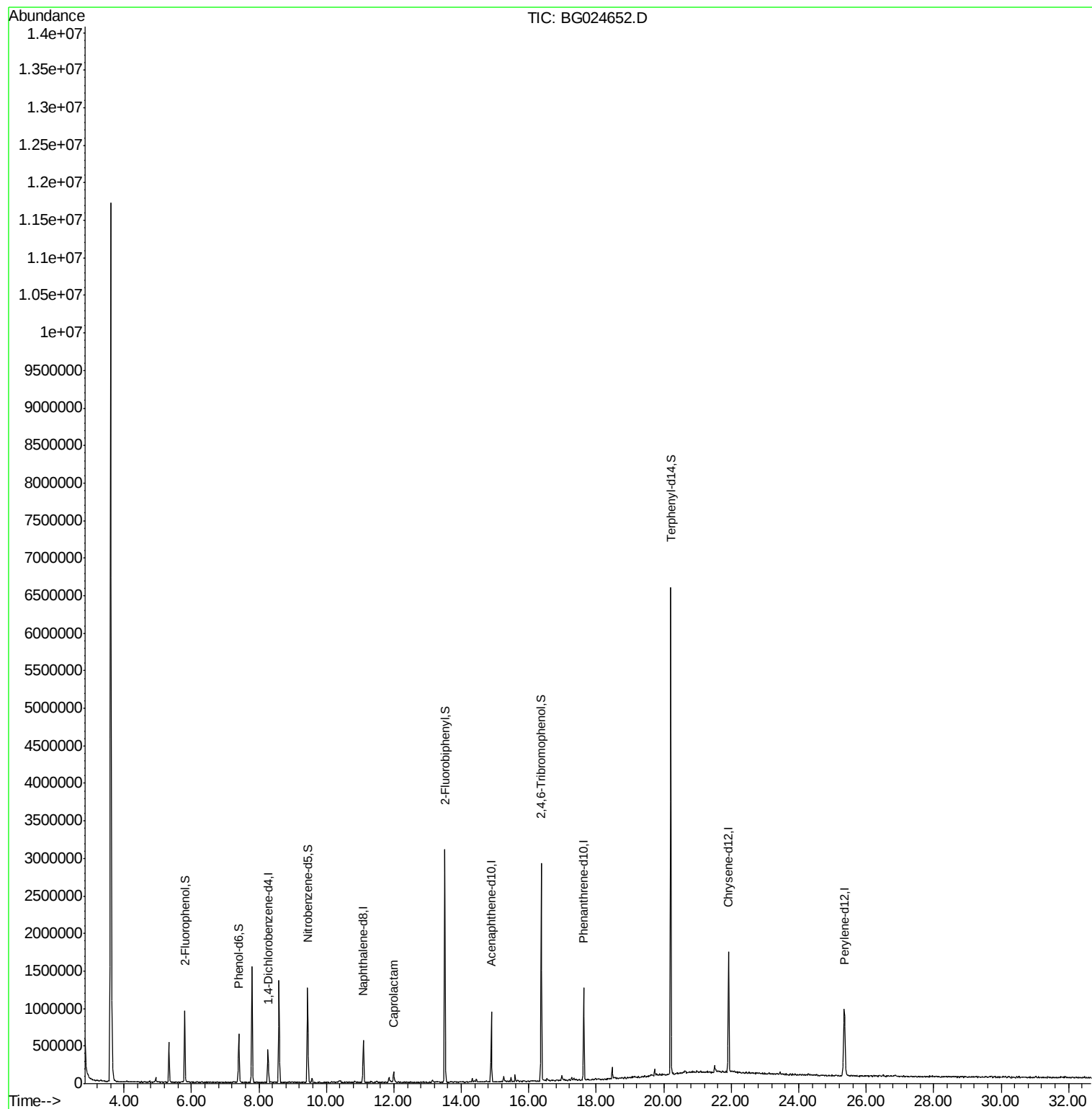
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	114514	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	463163	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	347252	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	806209	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1095106	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1116862	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	388364	55.58	ng	0.00
7) Phenol-d6	7.40	99	356116	37.16	ng	0.00
23) Nitrobenzene-d5	9.44	82	774533	76.14	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	599934	115.64	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1547187	74.05	ng	0.00
78) Terphenyl-d14	20.21	244	2737473	74.69	ng	0.00
Target Compounds						
35) Caprolactam	11.99	113	28833	10.20	ng	Qvalue # 80

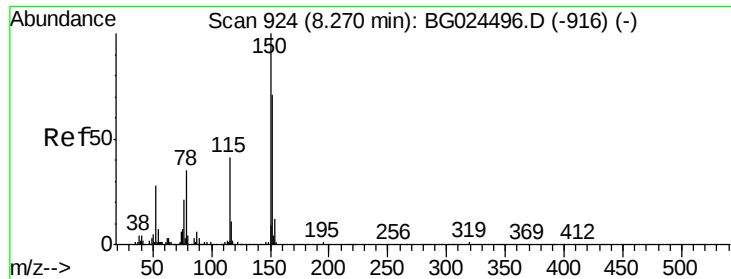
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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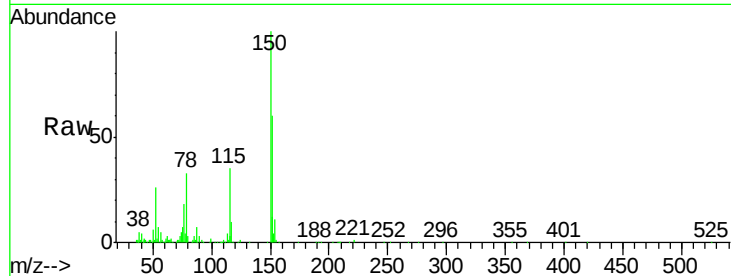


#1

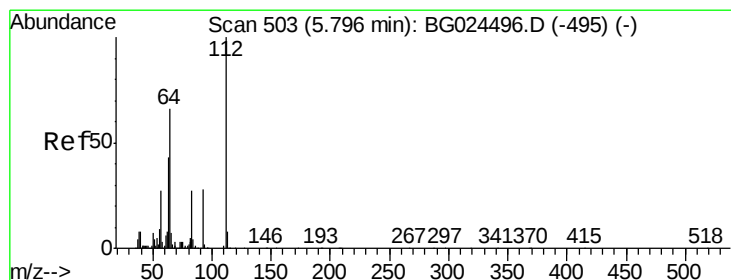
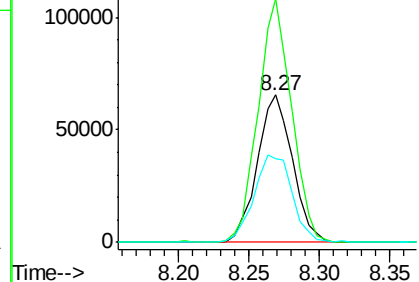
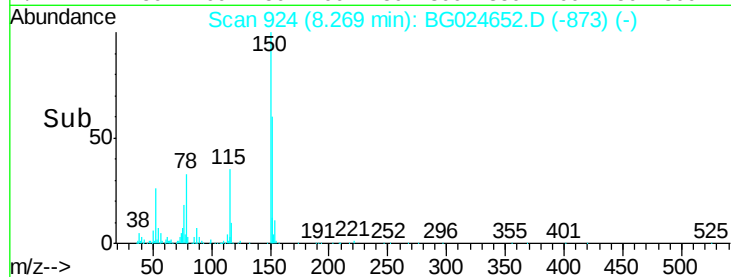
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024652.D
Acq: 3 Nov 2016 14:30

Instrument :
BNA_G
ClientSampleId :
GW-75-10.4-18.0

Tgt Ion	Ratio	Lower	Upper
152	100		
150	165.3	114.0	171.0
115	57.2	48.1	72.1



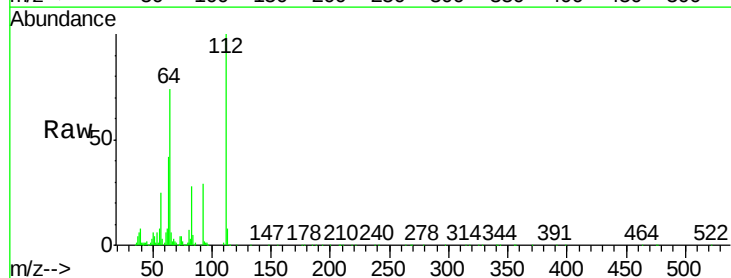
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



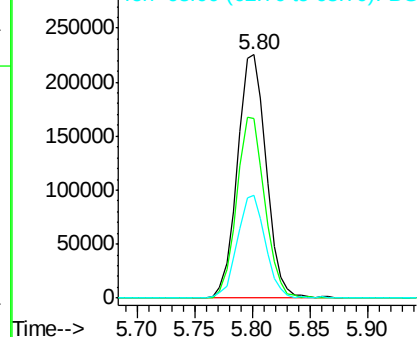
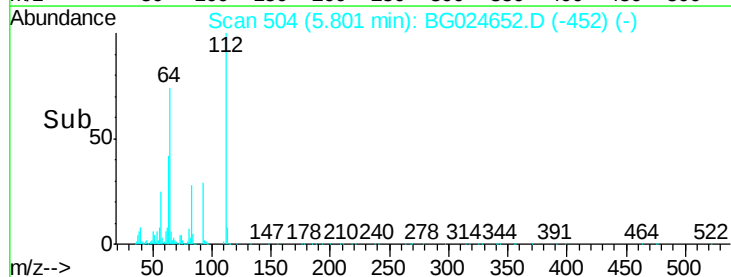
#5

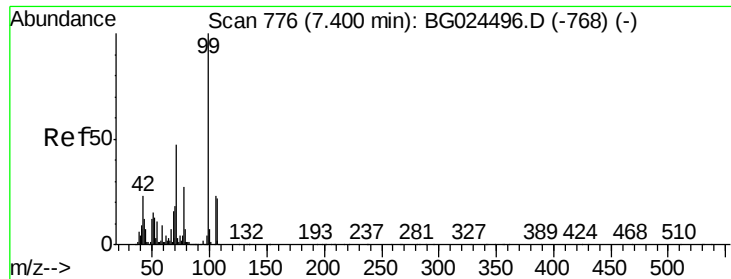
2-Fluorophenol
Concen: 55.58 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.01 min
Lab File: BG024652.D
Acq: 3 Nov 2016 14:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.5	61.8	92.6
63	42.0	37.2	55.8



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: 37.16 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024652.D

Acq: 3 Nov 2016 14:30

Instrument :

BNA_G

ClientSampleId :

GW-75-10.4-18.0

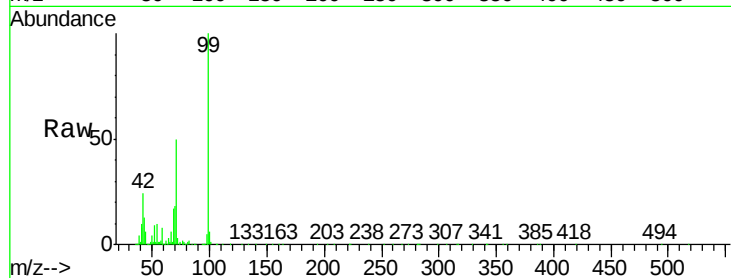
Tgt Ion: 99 Resp: 356116

Ion Ratio Lower Upper

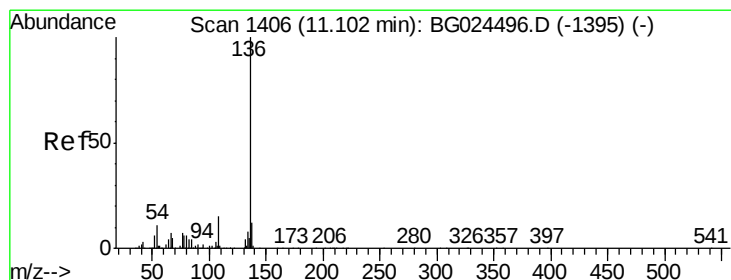
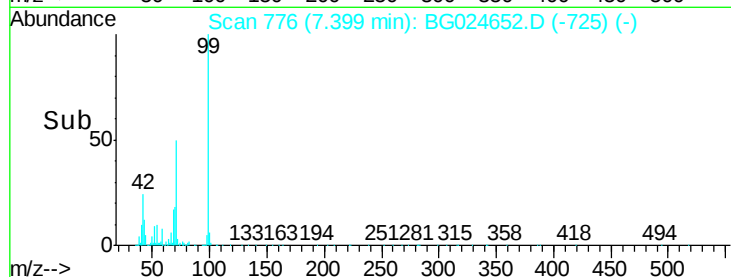
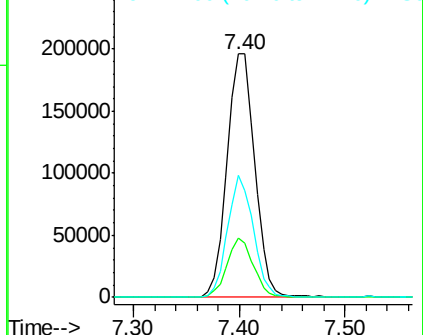
99 100

42 24.4 20.5 30.7

71 50.1 37.6 56.4



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: 11.10 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024652.D

Acq: 3 Nov 2016 14:30

Tgt Ion: 136 Resp: 463163

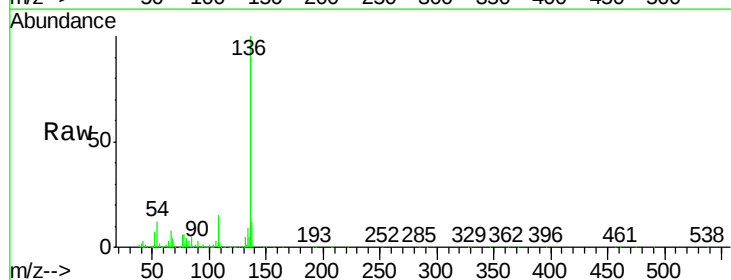
Ion Ratio Lower Upper

136 100

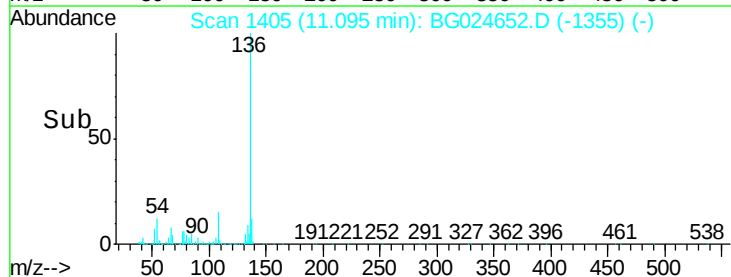
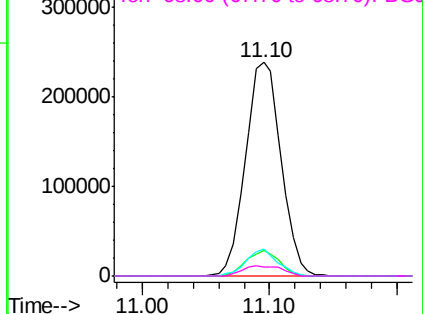
137 12.2 8.9 13.3

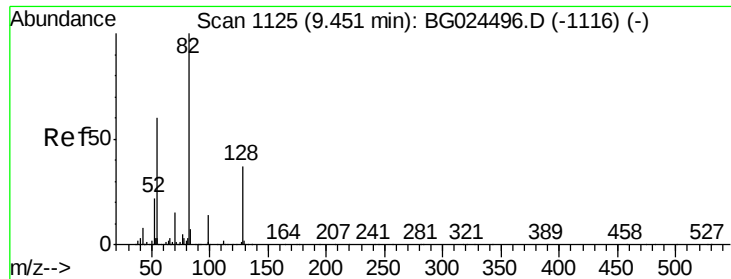
54 12.4 9.3 13.9

68 4.3 5.1 7.7#



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

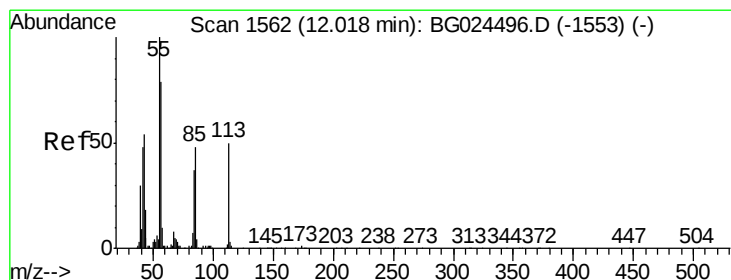
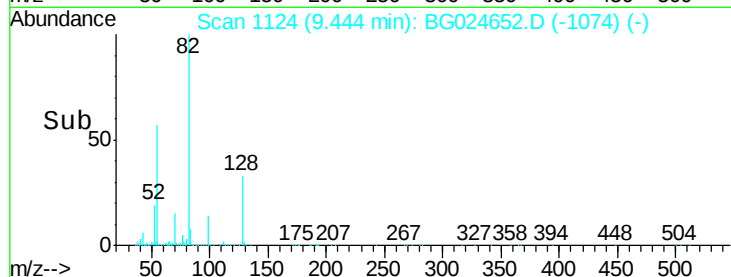
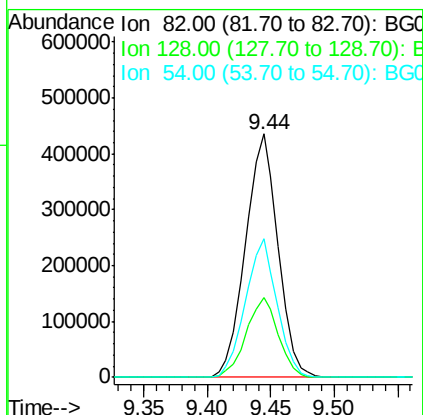
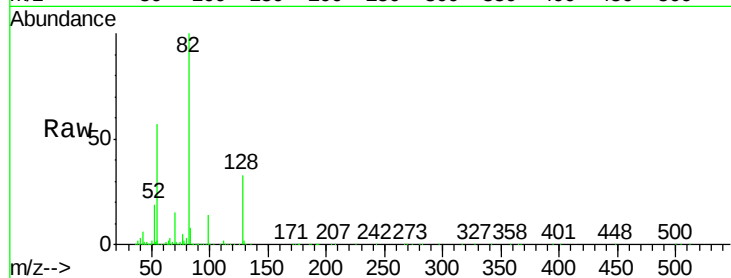




#23
 Nitrobenzene-d5
 Concen: 76.14 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024652.D
 Acq: 3 Nov 2016 14:30

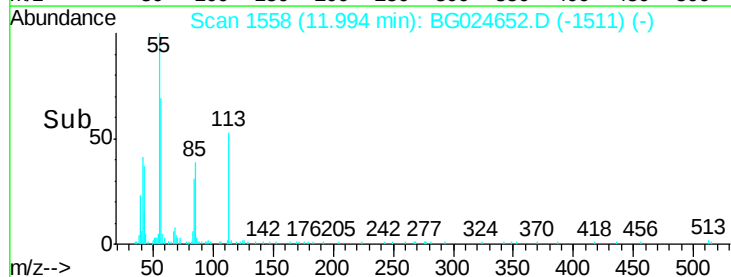
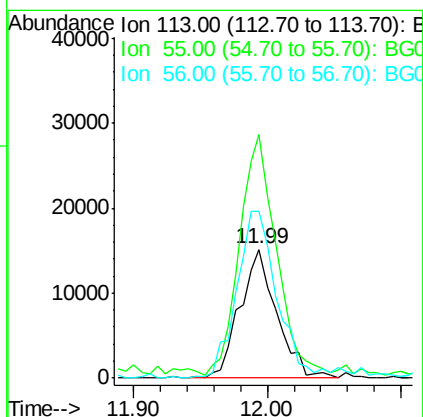
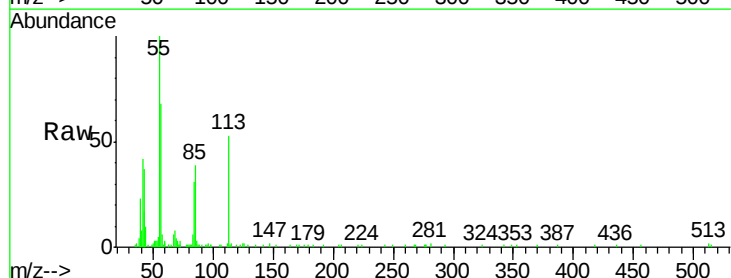
Instrument :
 BNA_G
 ClientSampleId :
 GW-75-10.4-18.0

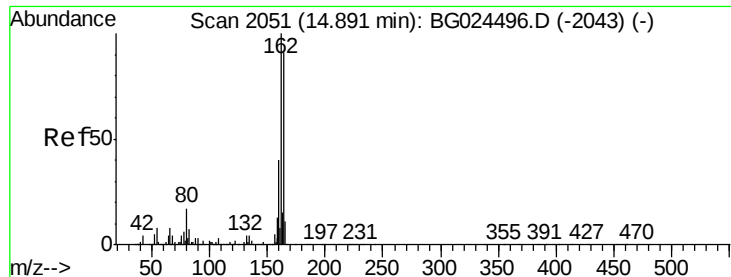
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.9	26.4	39.6
54	56.8	49.4	74.2



#35
 Caprolactam
 Concen: 10.20 ng
 RT: 11.99 min Scan# 1558
 Delta R.T. -0.02 min
 Lab File: BG024652.D
 Acq: 3 Nov 2016 14:30

Tgt Ion	Ratio	Lower	Upper
113	100		
55	189.3	198.6	238.6#
56	129.6	140.4	180.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024652.D

Acq: 3 Nov 2016 14:30

Instrument :

BNA_G

ClientSampleId :

GW-75-10.4-18.0

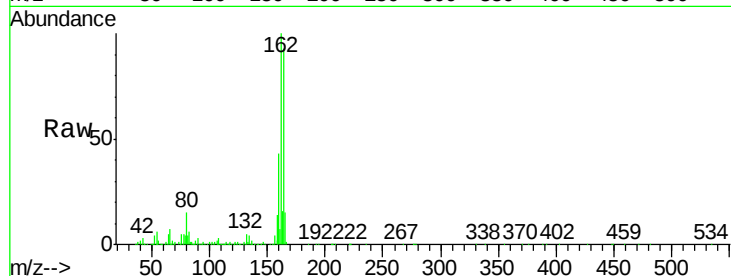
Tgt Ion:164 Resp: 347252

Ion Ratio Lower Upper

164 100

162 107.5 85.1 127.7

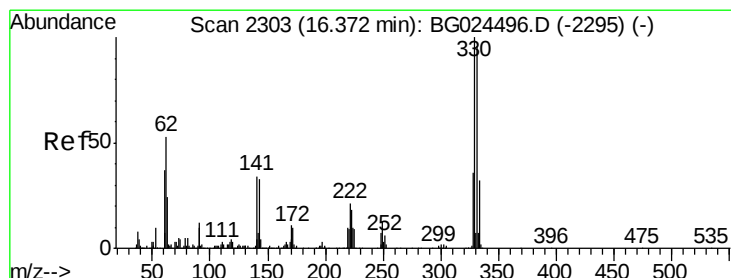
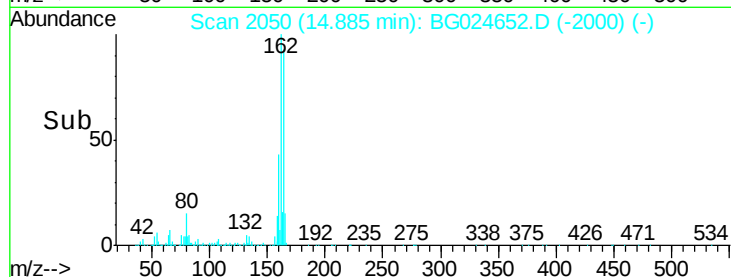
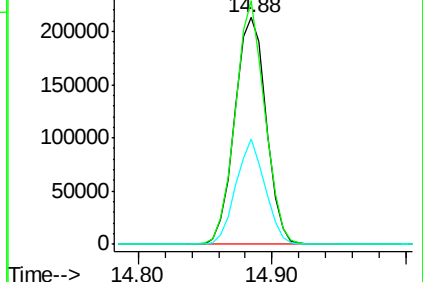
160 46.5 34.7 52.1



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: 115.64 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024652.D

Acq: 3 Nov 2016 14:30

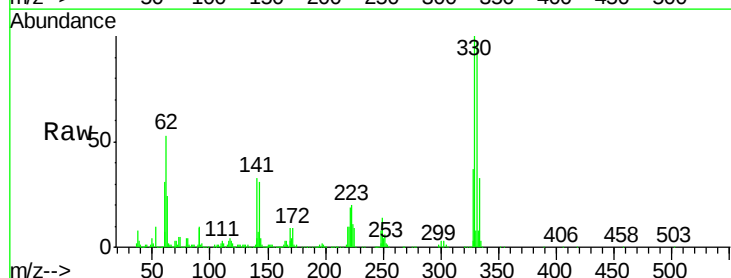
Tgt Ion:330 Resp: 599934

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

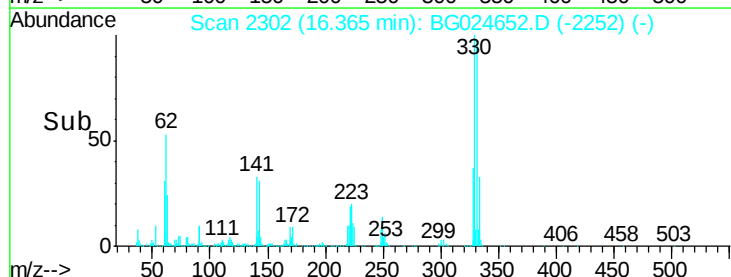
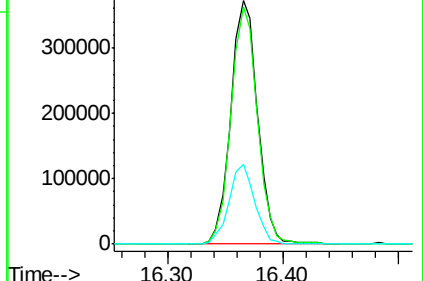
141 31.5 32.1 48.1#

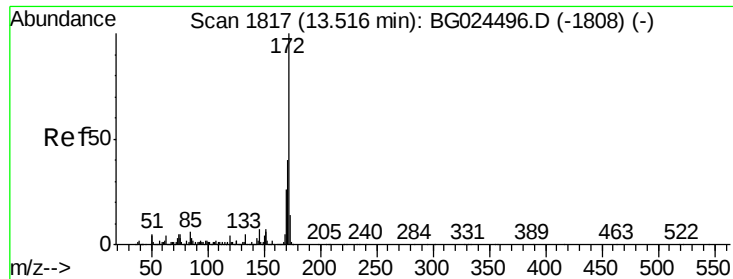


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

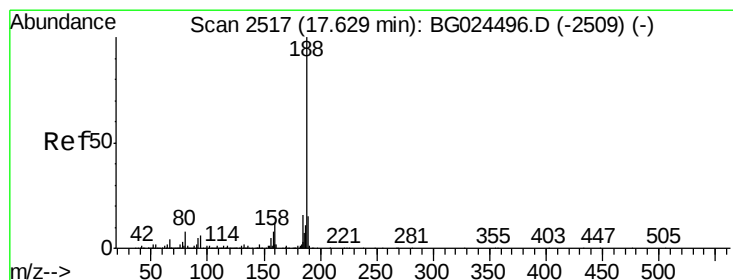
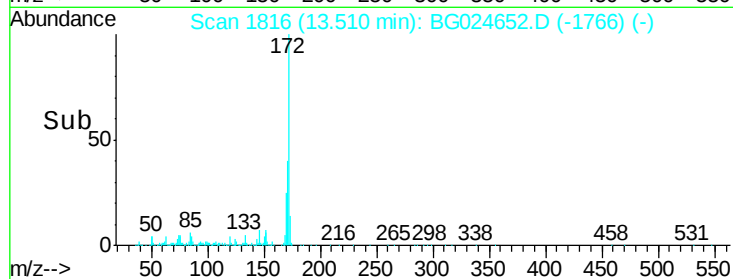
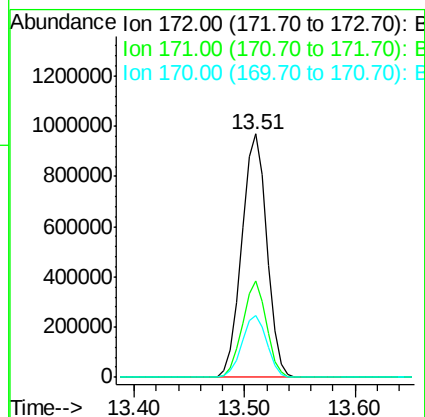
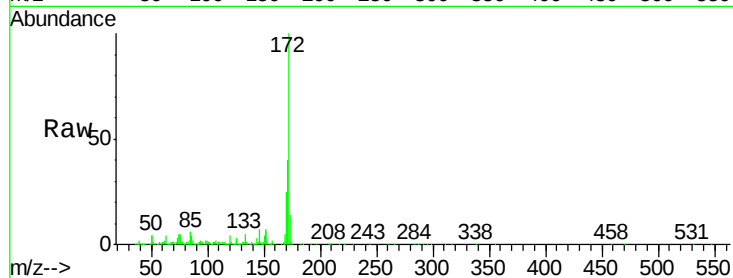




#44
2-Fluorobiphenyl
Concen: 74.05 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024652.D
Acq: 3 Nov 2016 14:30

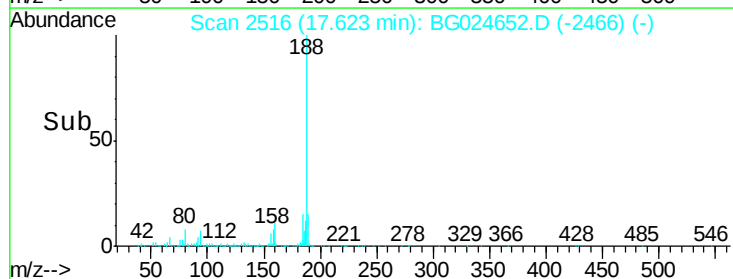
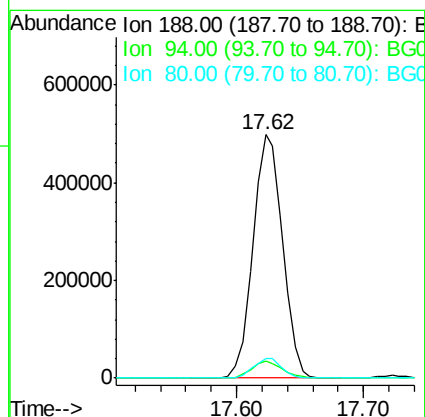
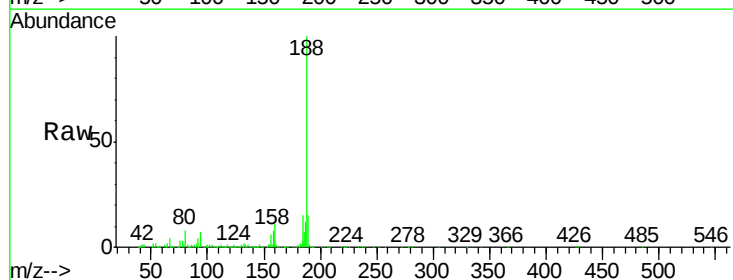
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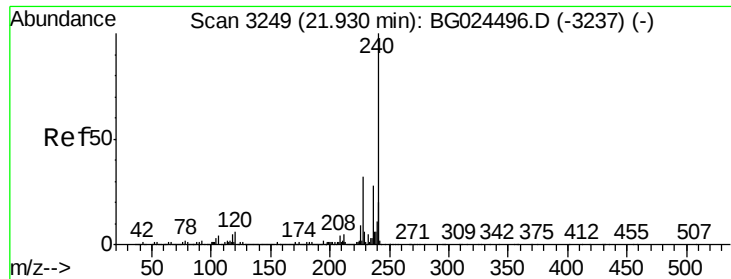
Tgt Ion:172 Resp: 1547187
Ion Ratio Lower Upper
172 100
171 39.5 32.2 48.2
170 25.4 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024652.D
Acq: 3 Nov 2016 14:30

Tgt Ion:188 Resp: 806209
Ion Ratio Lower Upper
188 100
94 6.8 5.8 8.8
80 8.1 7.5 11.3

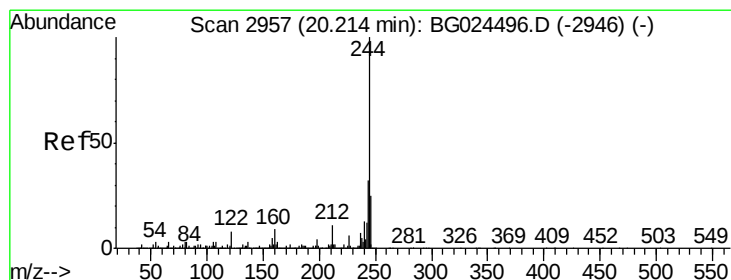
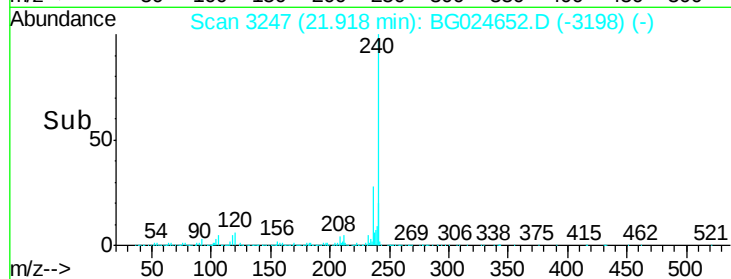
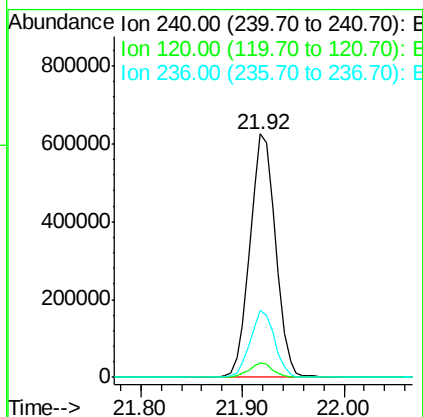
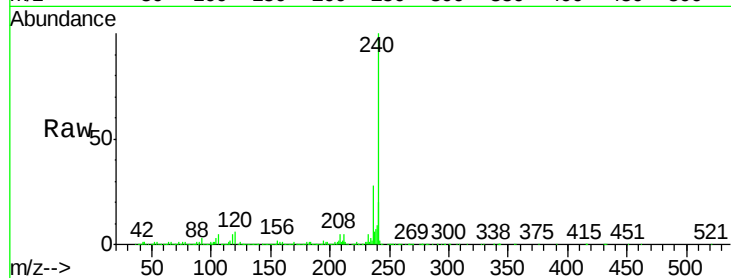




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024652.D
Acq: 3 Nov 2016 14:30

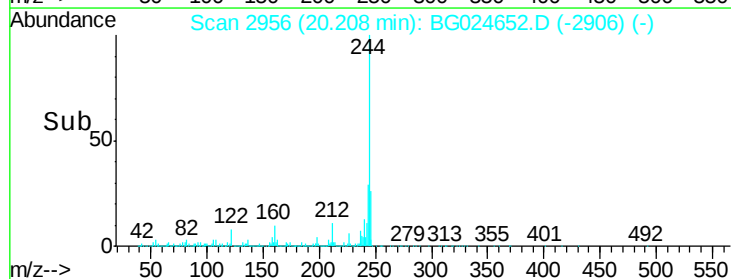
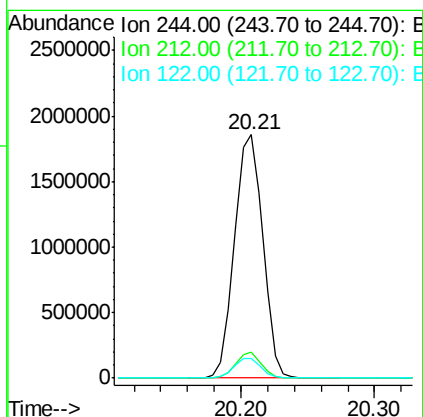
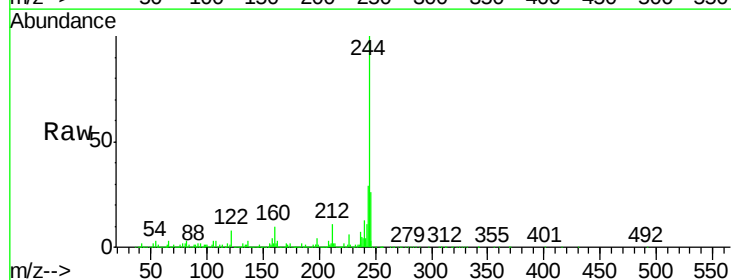
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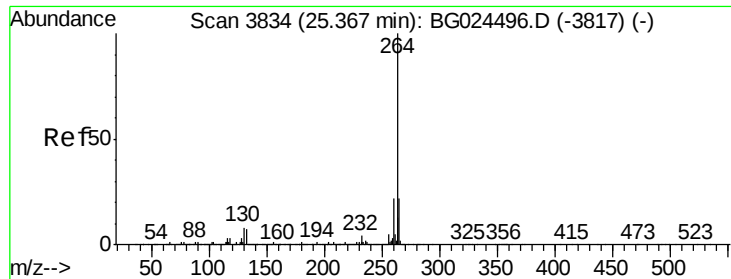
Tgt Ion:240 Resp: 1095106
Ion Ratio Lower Upper
240 100
120 6.1 5.7 8.5
236 27.6 22.2 33.4



#78
Terphenyl-d14
Concen: 74.69 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024652.D
Acq: 3 Nov 2016 14:30

Tgt Ion:244 Resp: 2737473
Ion Ratio Lower Upper
244 100
212 10.9 10.0 15.0
122 8.1 8.6 12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024652.D
Acq: 3 Nov 2016 14:30

Instrument :
BNA_G
ClientSampleId :
GW-75-10.4-18.0

Tgt Ion:264 Resp: 1116862

Ion	Ratio	Lower	Upper
264	100		
260	23.7	21.8	32.8
265	21.6	18.2	27.4

