

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024562.D
 Acq On : 31 Oct 2016 18:48
 Operator : UM/SJ
 Sample : H5477-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW-3

Quant Time: Nov 01 11:56:44 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:50:40 2016
 Response via : Initial Calibration

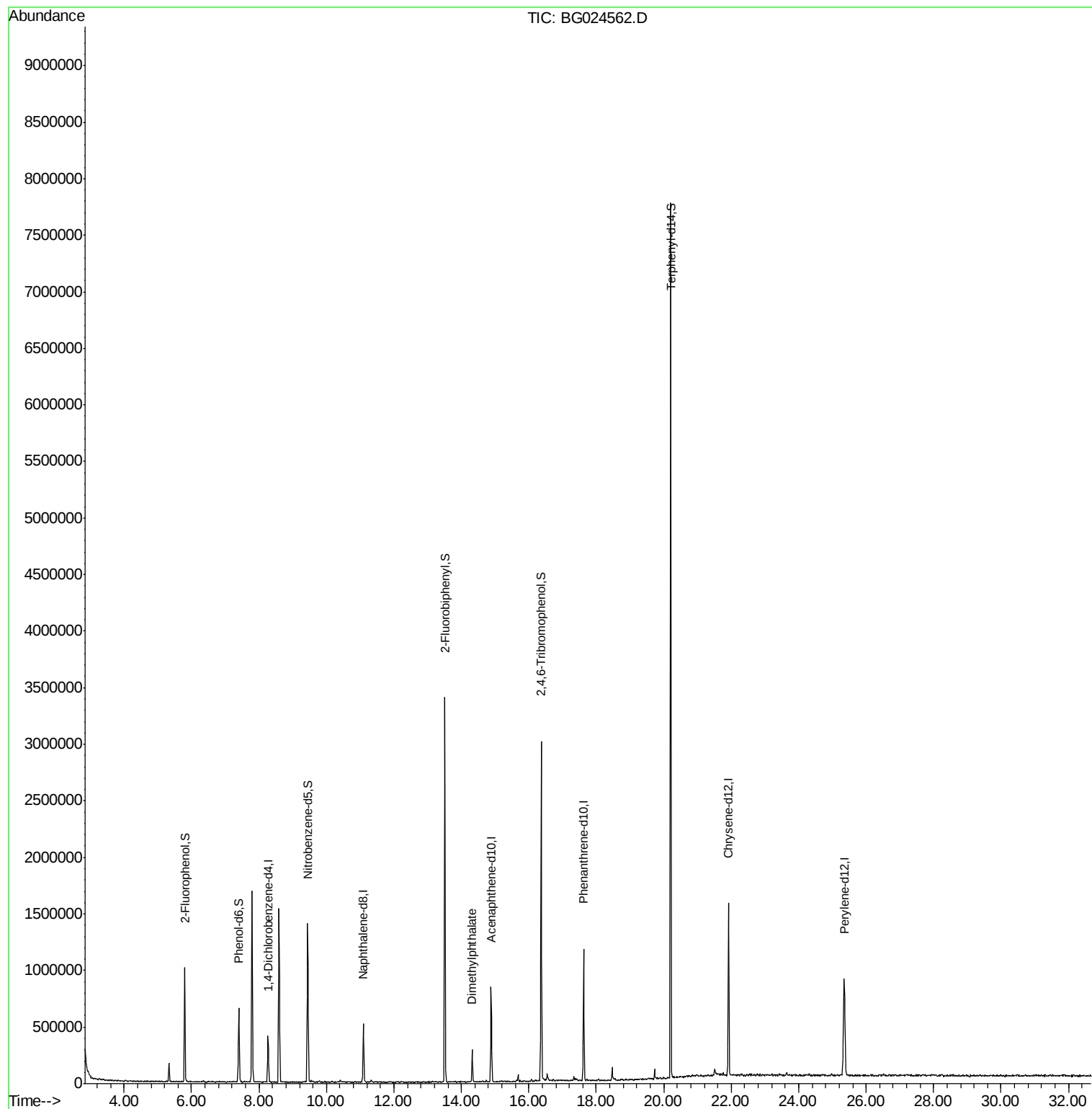
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	110821	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	412466	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	311155	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	736844	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1033171	20.00	ng	0.00
86) Perylene-d12	25.35	264	1100637	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	413048	61.09	ng	0.00
7) Phenol-d6	7.40	99	370739	39.97	ng	0.00
23) Nitrobenzene-d5	9.44	82	873552	96.43	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	608861	130.98	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1759875	94.01	ng	0.00
78) Terphenyl-d14	20.21	244	3156881	91.30	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	185406	8.39	ng	Qvalue 99

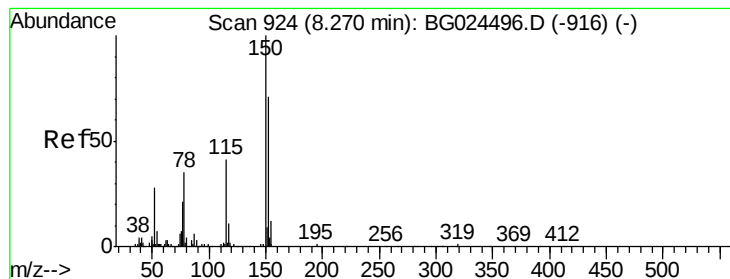
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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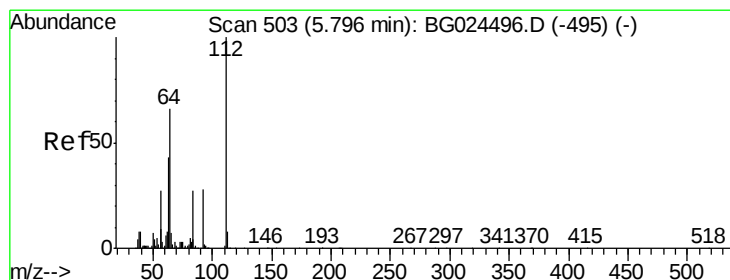
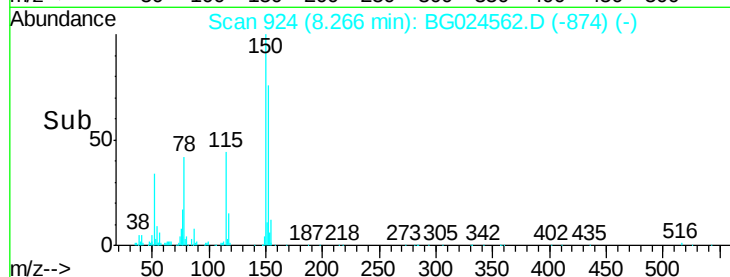
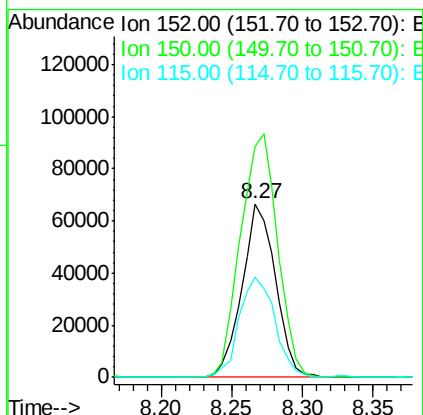
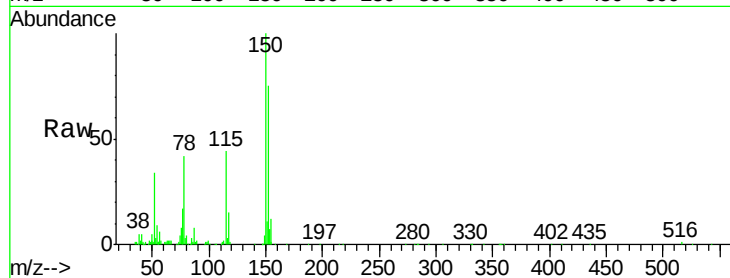


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG024562.D
Acq: 31 Oct 2016 18:48

Instrument :
BNA_G
ClientSampleId :
SW-3

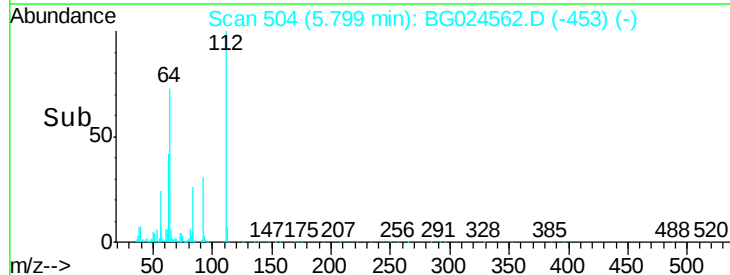
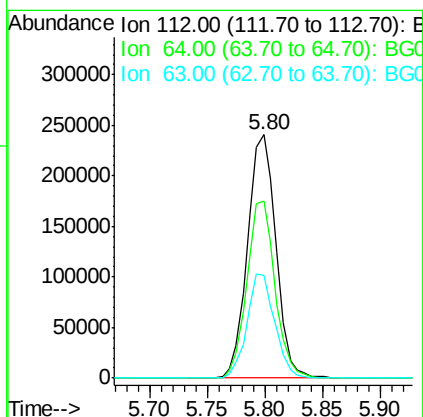
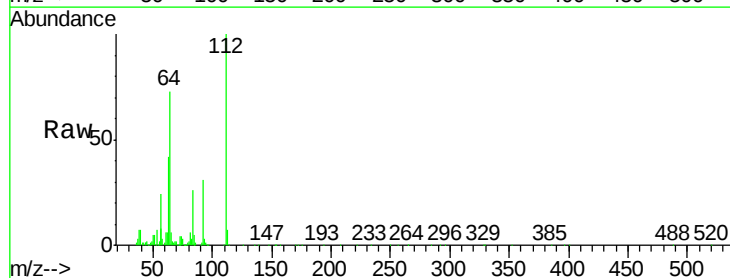
Tgt Ion	Ratio	Lower	Upper
152	100		
150	132.6	114.0	171.0
115	58.0	48.1	72.1

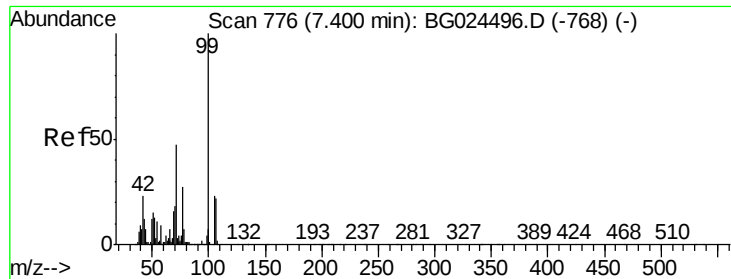


#5

2-Fluorophenol
Concen: 61.09 ng
RT: 5.80 min Scan# 504
Delta R.T. -0.00 min
Lab File: BG024562.D
Acq: 31 Oct 2016 18:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.9	61.8	92.6
63	42.4	37.2	55.8





#7

Phenol-d6

Concen: 39.97 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024562.D

Acq: 31 Oct 2016 18:48

Instrument :

BNA_G

ClientSampleId :

SW-3

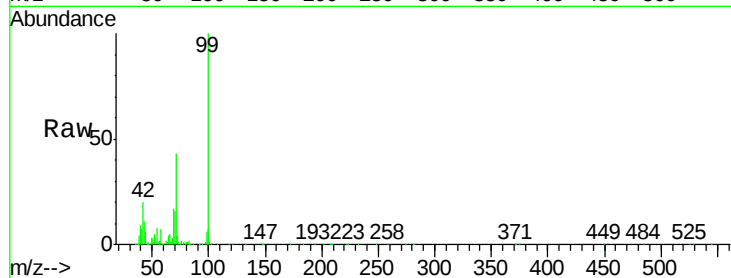
Tgt Ion: 99 Resp: 370739

Ion Ratio Lower Upper

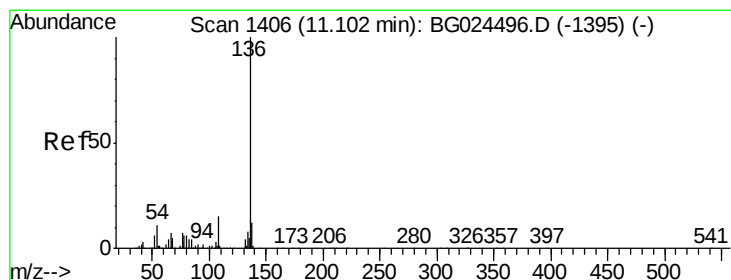
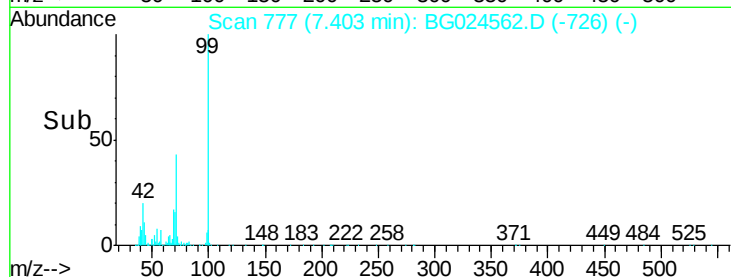
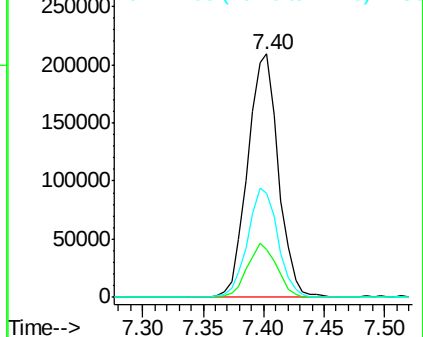
99 100

42 19.9 20.5 30.7#

71 42.7 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: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024562.D

Acq: 31 Oct 2016 18:48

Tgt Ion: 136 Resp: 412466

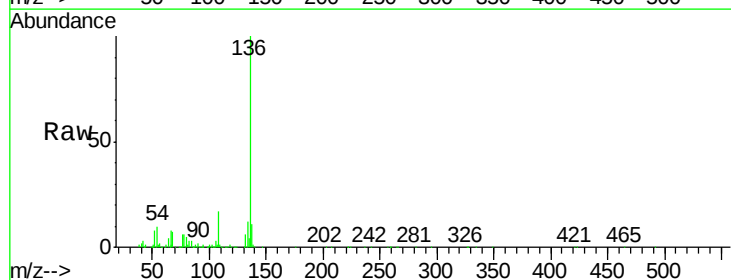
Ion Ratio Lower Upper

136 100

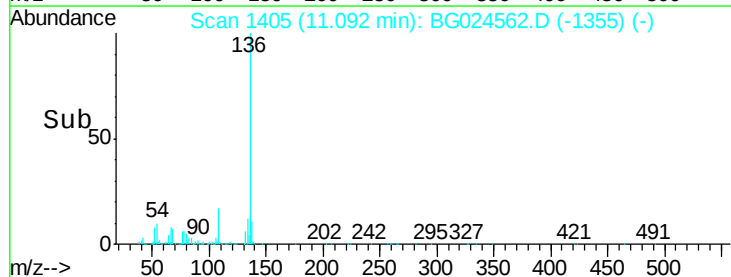
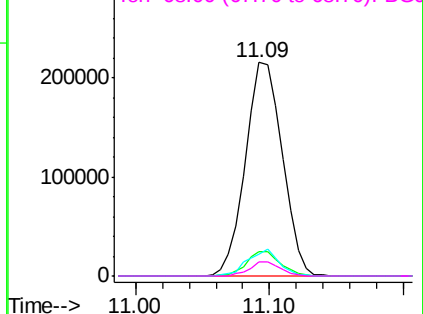
137 11.4 8.9 13.3

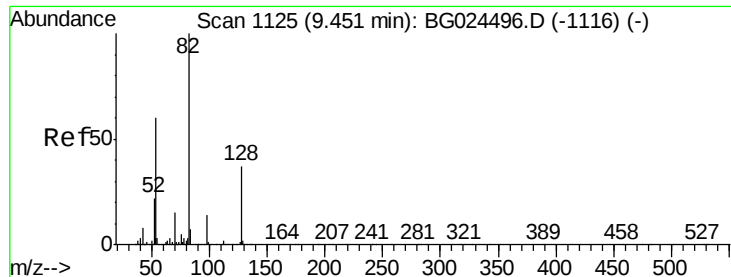
54 10.2 9.3 13.9

68 6.6 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

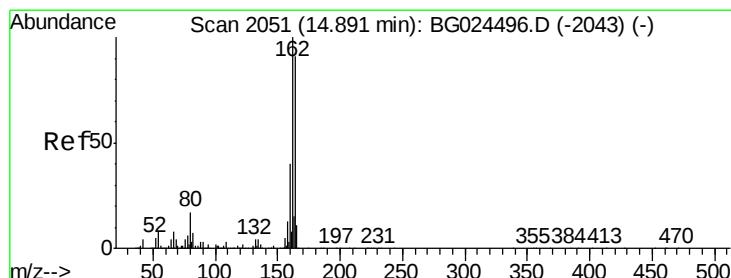
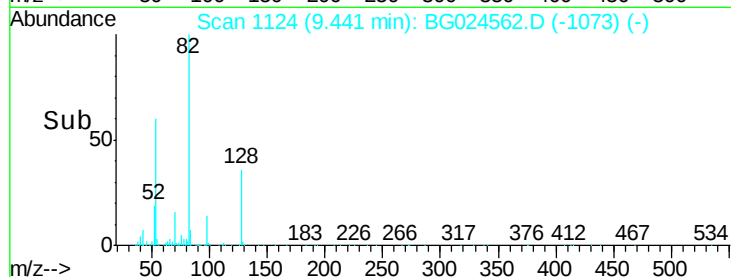
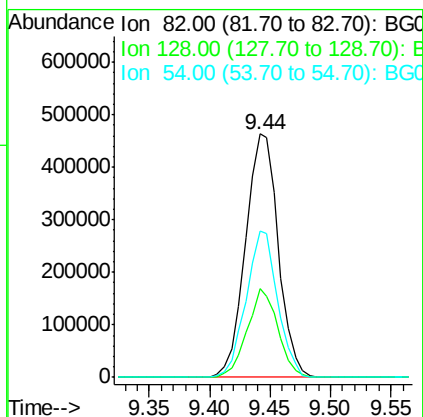
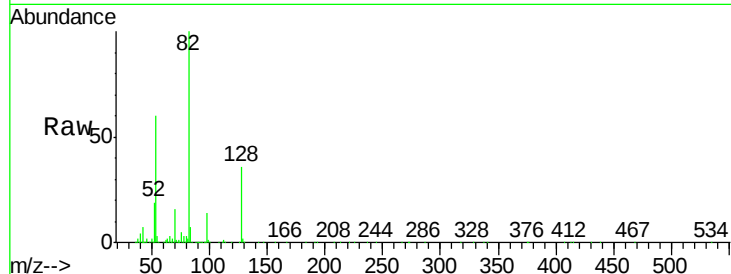




#23
 Nitrobenzene-d5
 Concen: 96.43 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BG024562.D
 Acq: 31 Oct 2016 18:48

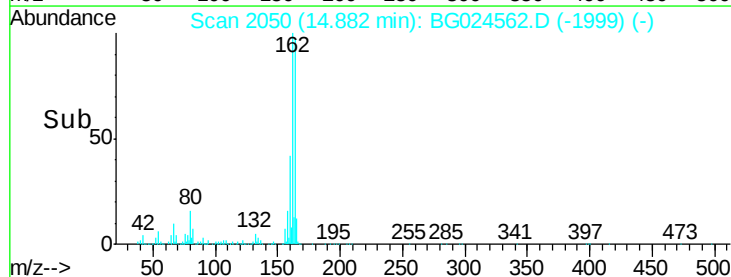
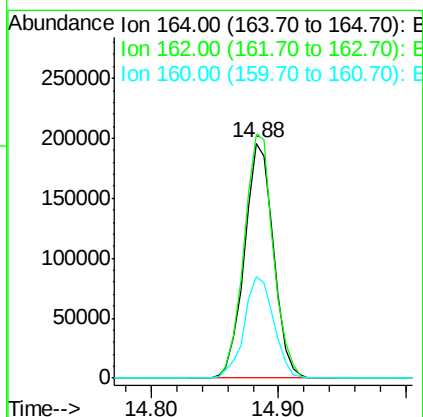
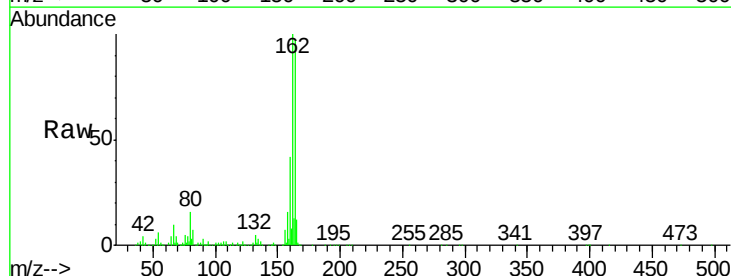
Instrument :
 BNA_G
 ClientSampleId :
 SW-3

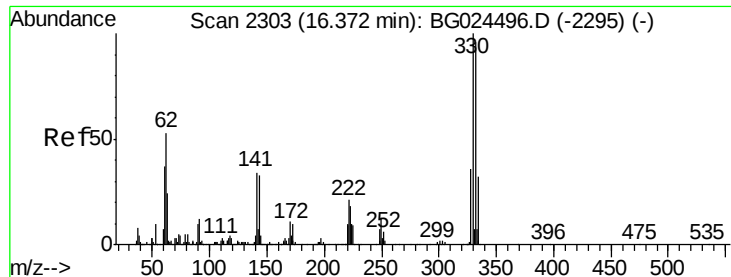
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.5	26.4	39.6
54	60.0	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BG024562.D
 Acq: 31 Oct 2016 18:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.1	127.7
160	43.5	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 130.98 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024562.D

Acq: 31 Oct 2016 18:48

Instrument :

BNA_G

ClientSampleId :

SW-3

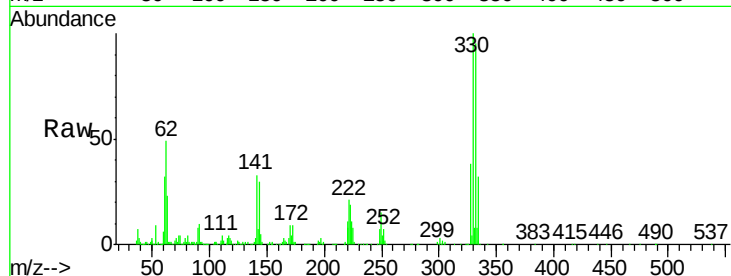
Tgt Ion:330 Resp: 608861

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

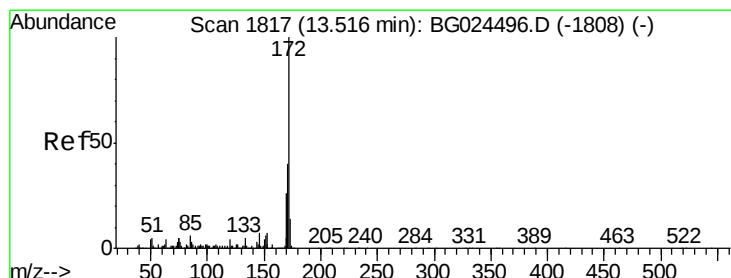
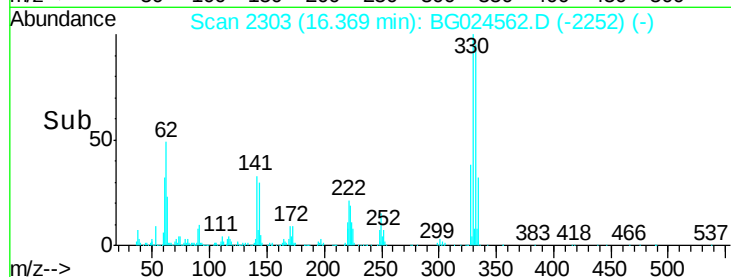
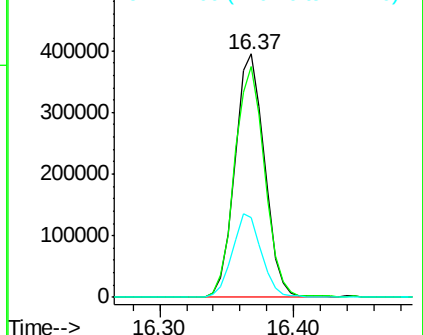
141 34.0 32.1 48.1



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: 94.01 ng

RT: 13.51 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BG024562.D

Acq: 31 Oct 2016 18:48

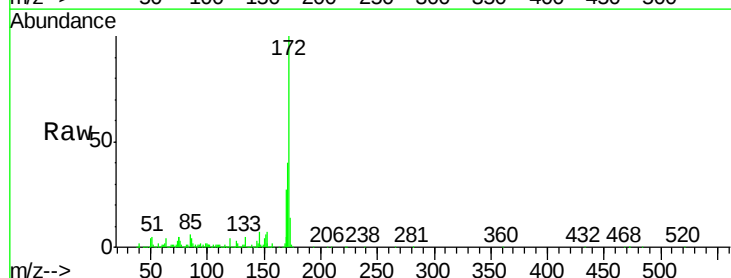
Tgt Ion:172 Resp: 1759875

Ion Ratio Lower Upper

172 100

171 39.8 32.2 48.2

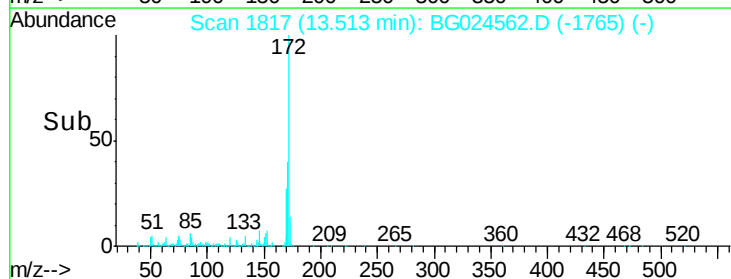
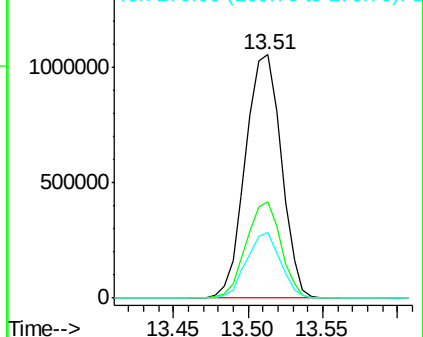
170 26.8 21.8 32.6



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





#49

Dimethylphthalate

Concen: 8.39 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024562.D

Acq: 31 Oct 2016 18:48

Instrument :

BNA_G

ClientSampleId :

SW-3

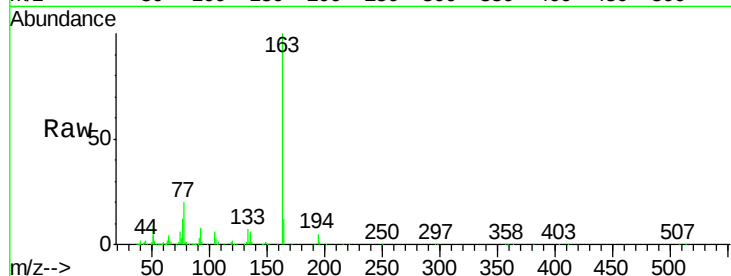
Tgt Ion:163 Resp: 185406

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.6

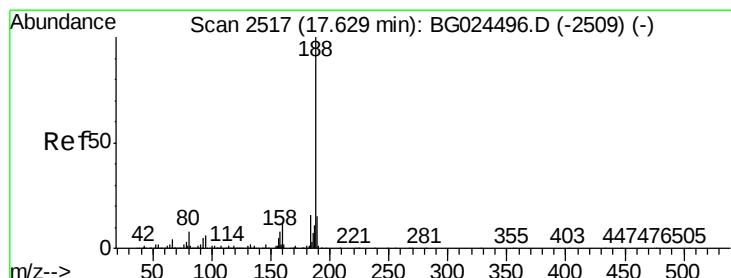
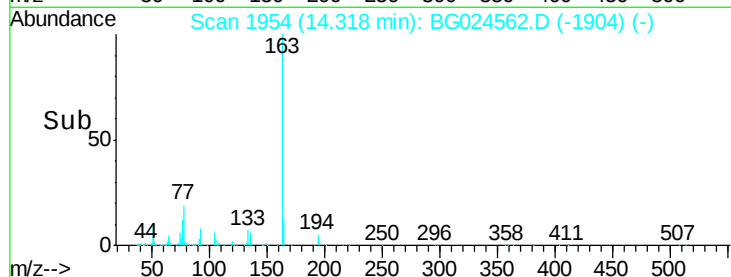
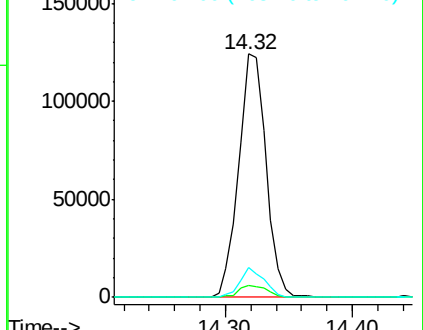
164 12.1 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024562.D

Acq: 31 Oct 2016 18:48

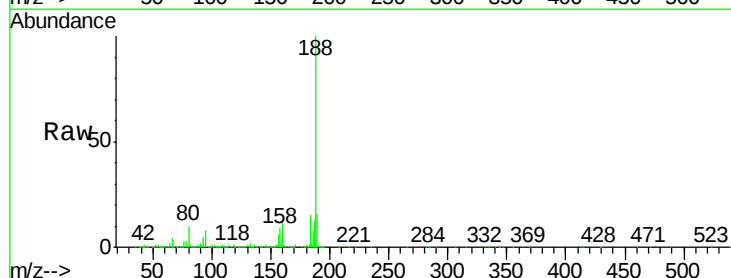
Tgt Ion:188 Resp: 736844

Ion Ratio Lower Upper

188 100

94 7.9 5.8 8.8

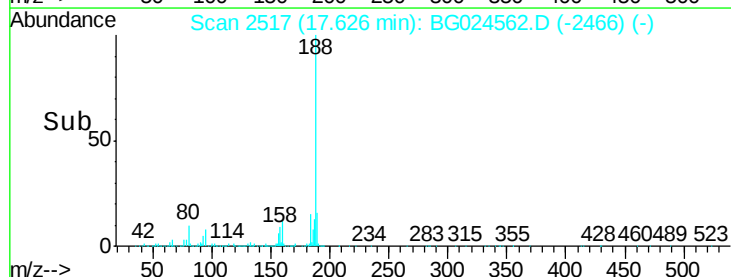
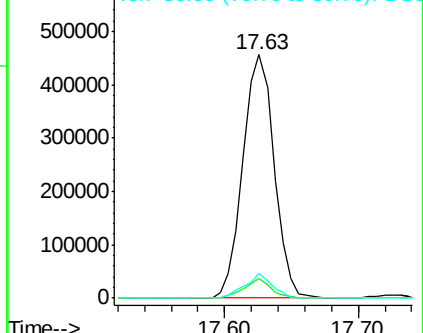
80 10.2 7.5 11.3

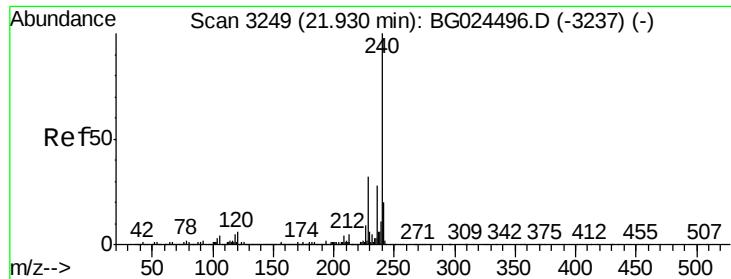


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.92 min Scan# 3248

Delta R.T. -0.00 min

Lab File: BG024562.D

Acq: 31 Oct 2016 18:48

Instrument :

BNA_G

ClientSampleId :

SW-3

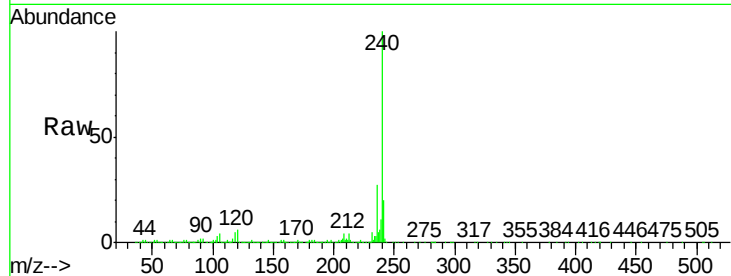
Tgt Ion:240 Resp: 1033171

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

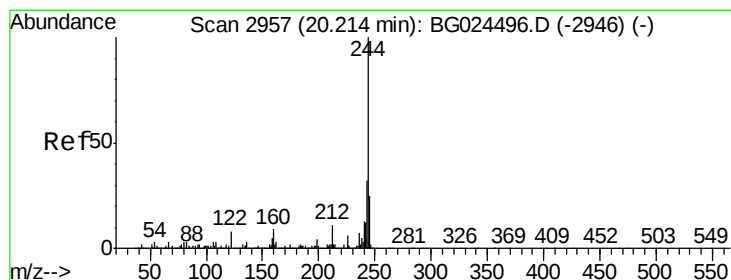
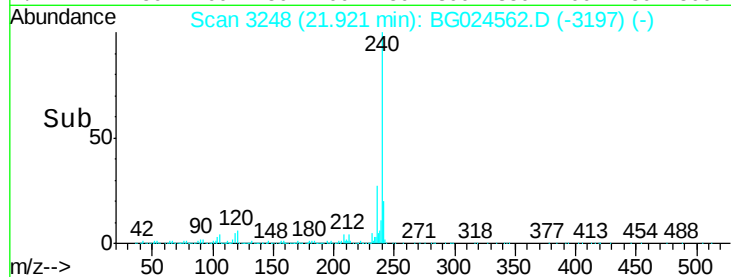
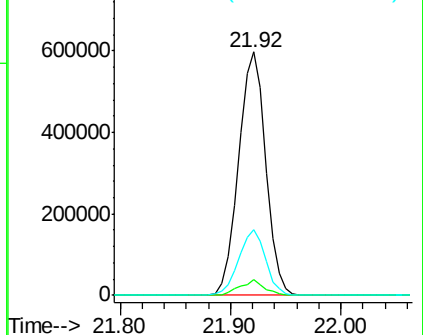
236 27.2 22.2 33.4



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: 91.30 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BG024562.D

Acq: 31 Oct 2016 18:48

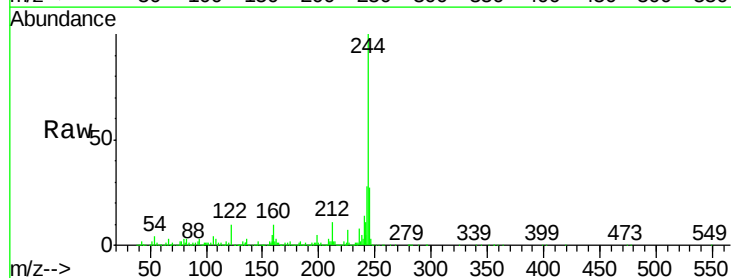
Tgt Ion:244 Resp: 3156881

Ion Ratio Lower Upper

244 100

212 10.7 10.0 15.0

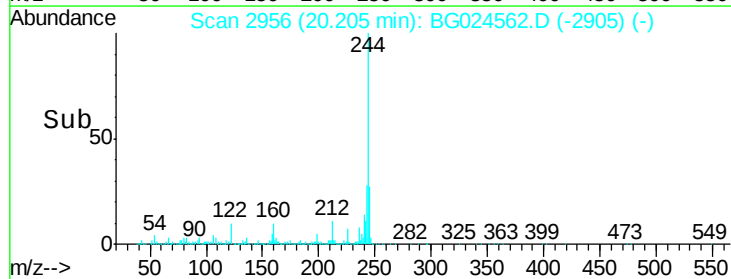
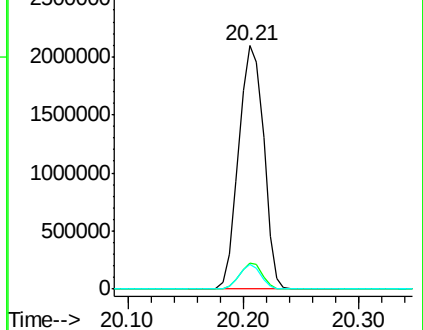
122 10.0 8.6 12.8

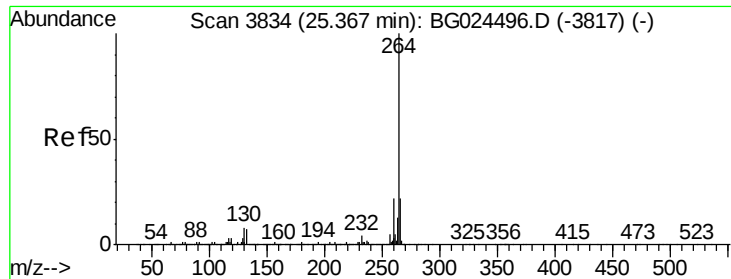


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.35 min Scan# 3831
Delta R.T. -0.01 min
Lab File: BG024562.D
Acq: 31 Oct 2016 18:48

Instrument :
BNA_G
ClientSampleId :
SW-3

Tgt Ion: 264 Resp: 1100637

Ion	Ratio	Lower	Upper
264	100		
260	22.5	21.8	32.8
265	22.1	18.2	27.4

