

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102816\
 Data File : BG024547.D
 Acq On : 28 Oct 2016 20:16
 Operator : UM/SJ
 Sample : H5439-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1COMP(0-16FEET)

Quant Time: Oct 28 23:46:17 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

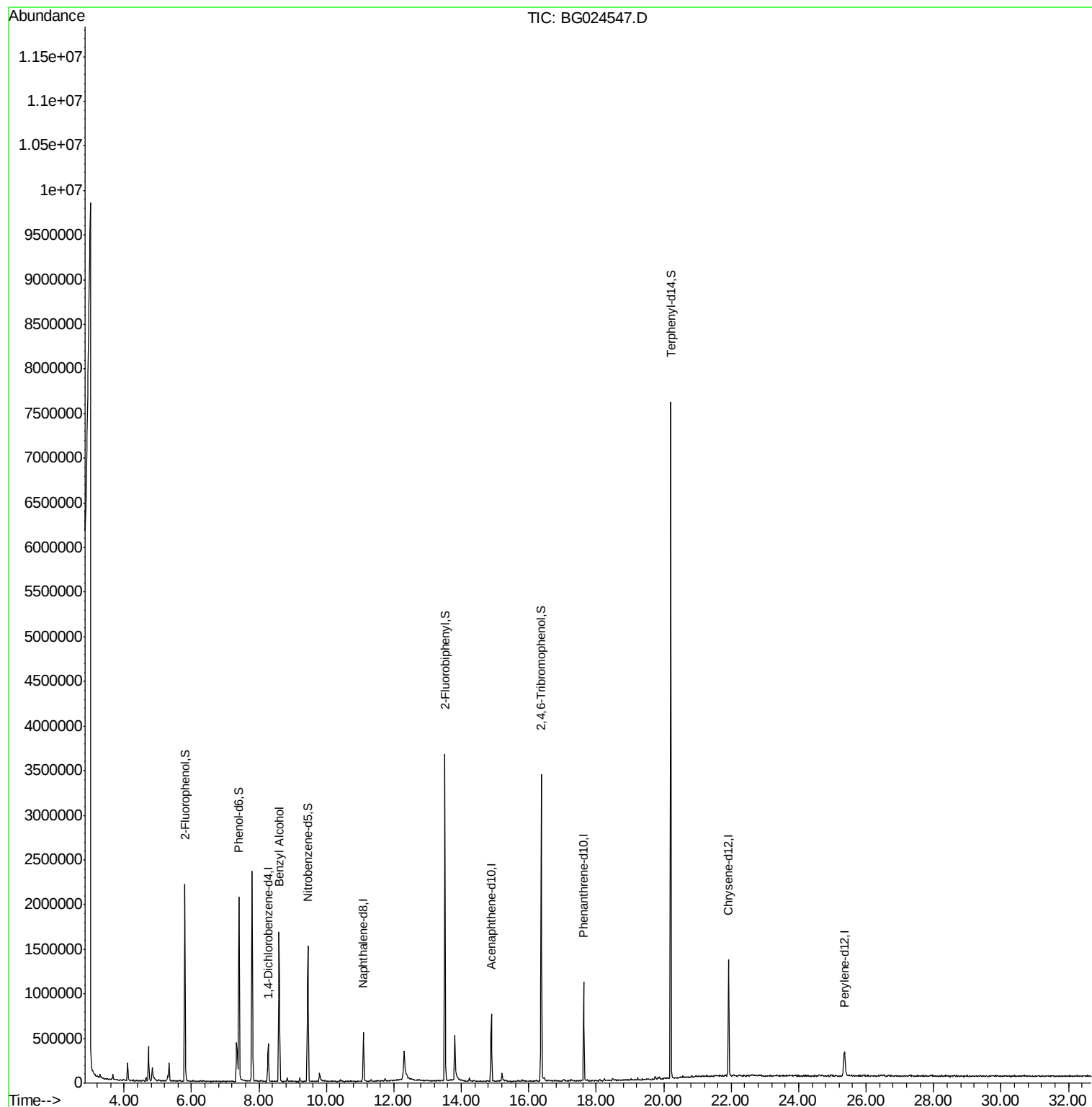
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	110730	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	425185	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	261975	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	684006	20.00	ng	0.00
75) Chrysene-d12	21.92	240	823518	20.00	ng	0.00
86) Perylene-d12	25.36	264	287862	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	875503	129.59	ng	0.00
7) Phenol-d6	7.40	99	1071862	115.66	ng	0.00
23) Nitrobenzene-d5	9.45	82	940660	100.73	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	654243	167.16	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1791284	113.65	ng	0.00
78) Terphenyl-d14	20.21	244	3097044	112.38	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.60	79	18334	2.13	ng	Qvalue # 55

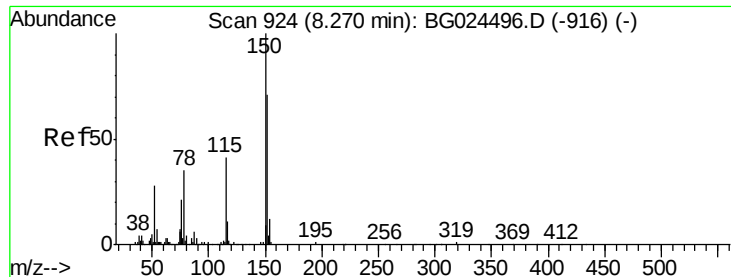
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG024547.D

Acq: 28 Oct 2016 20:16

Instrument :

BNA_G

ClientSampleId :

SB-1COMP(0-16FEET)

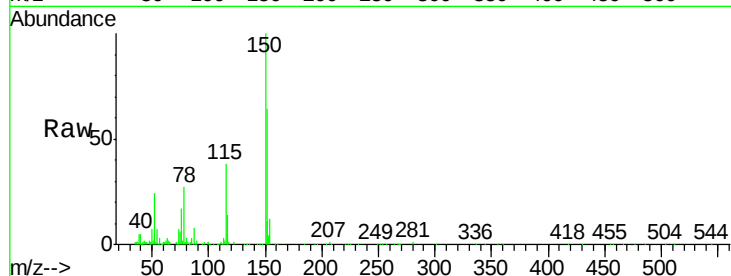
Tgt Ion:152 Resp: 110730

Ion Ratio Lower Upper

152 100

150 155.3 114.0 171.0

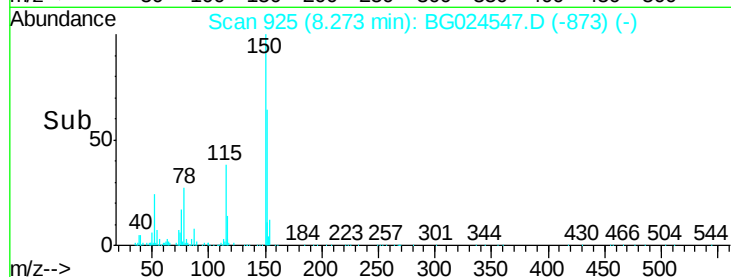
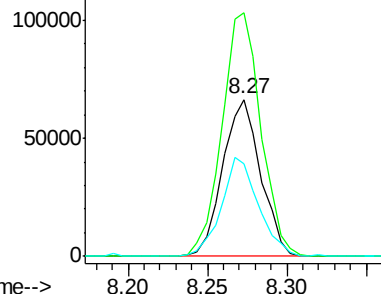
115 58.8 48.1 72.1



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: 129.59 ng

RT: 5.81 min Scan# 505

Delta R.T. 0.01 min

Lab File: BG024547.D

Acq: 28 Oct 2016 20:16

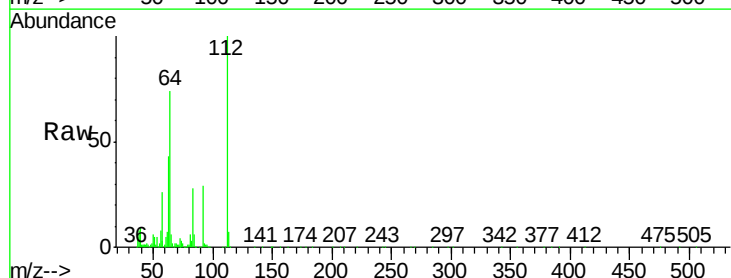
Tgt Ion:112 Resp: 875503

Ion Ratio Lower Upper

112 100

64 73.9 61.8 92.6

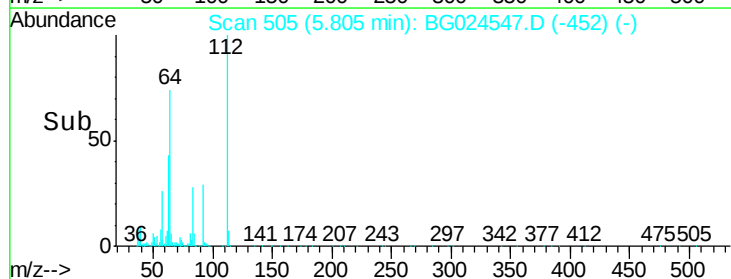
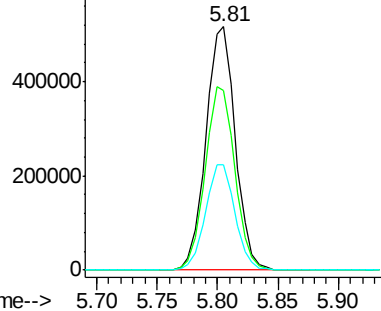
63 43.4 37.2 55.8

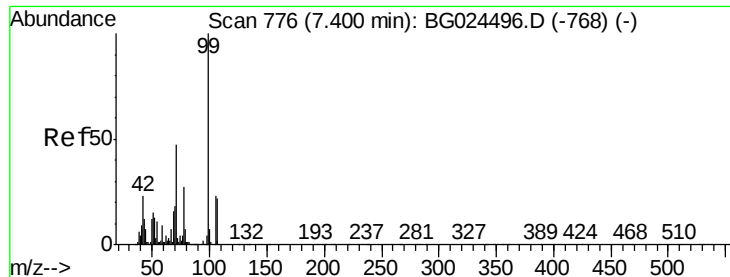


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 115.66 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024547.D

Acq: 28 Oct 2016 20:16

Instrument :

BNA_G

ClientSampleId :

SB-1COMP(0-16FEET)

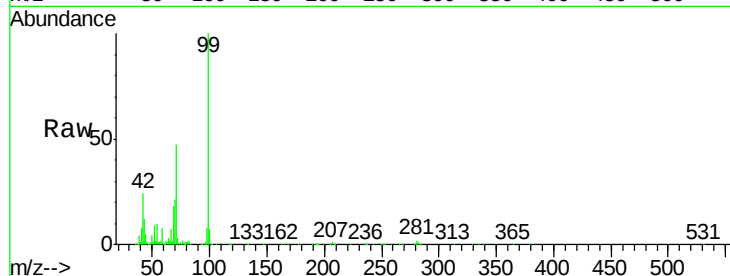
Tgt Ion: 99 Resp: 1071862

Ion Ratio Lower Upper

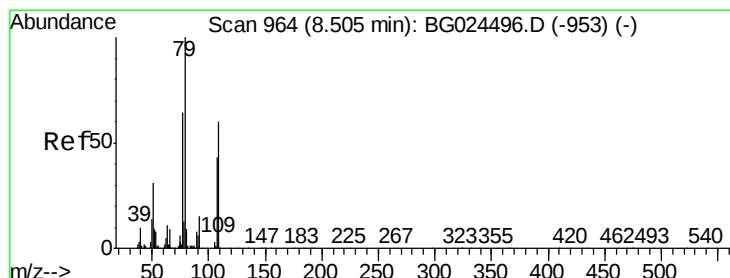
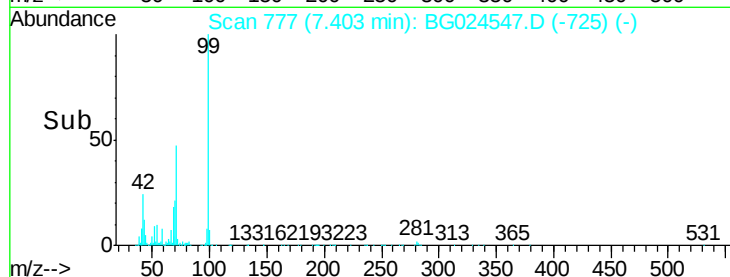
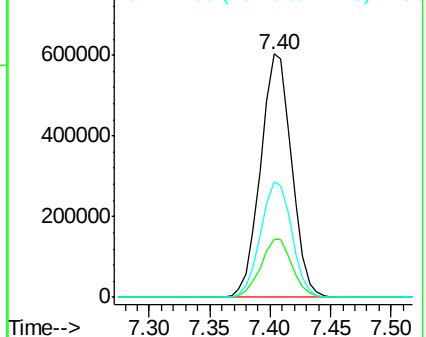
99 100

42 23.8 20.5 30.7

71 47.4 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



#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 8.60 min Scan# 981

Delta R.T. 0.10 min

Lab File: BG024547.D

Acq: 28 Oct 2016 20:16

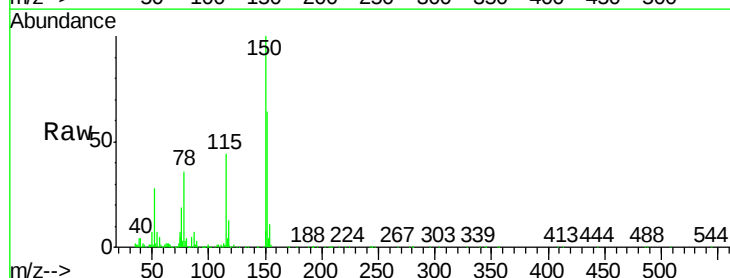
Tgt Ion: 79 Resp: 18334

Ion Ratio Lower Upper

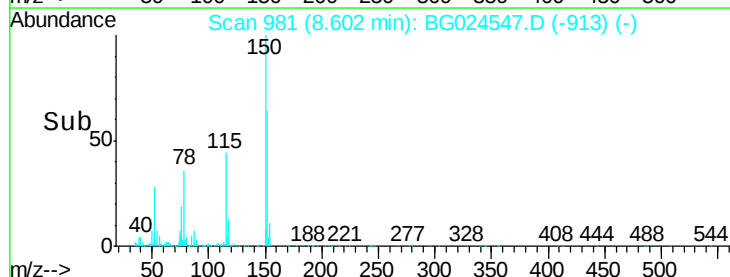
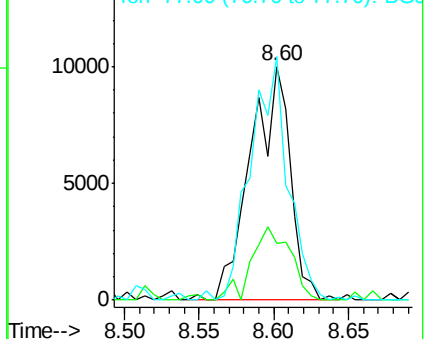
79 100

108 24.1 45.5 68.3#

77 104.1 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

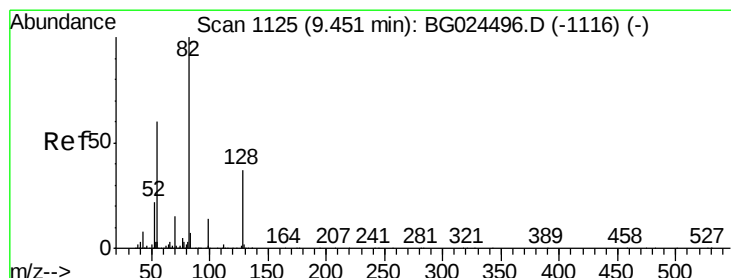
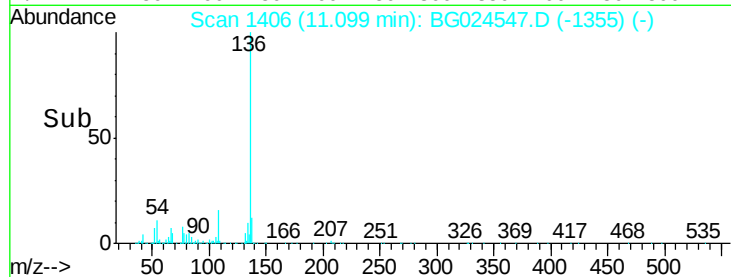
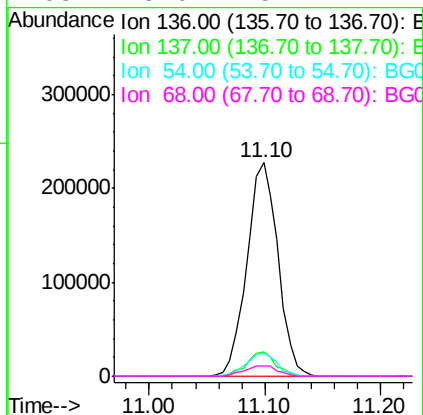
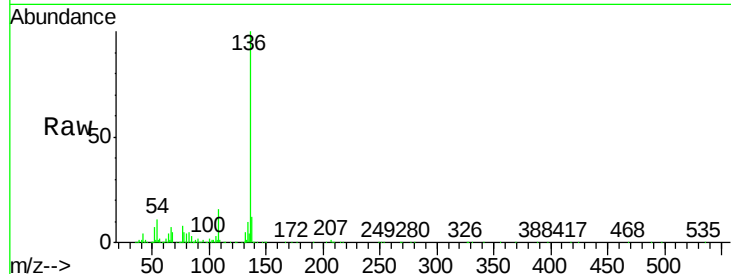




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG024547.D
Acq: 28 Oct 2016 20:16

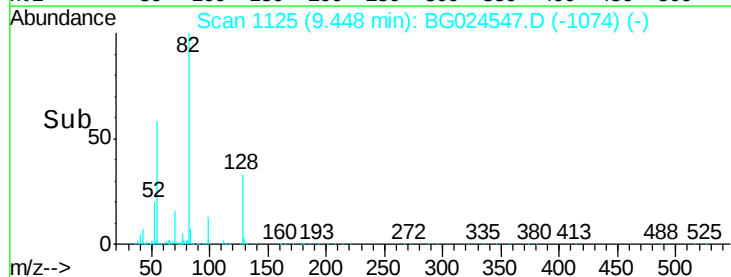
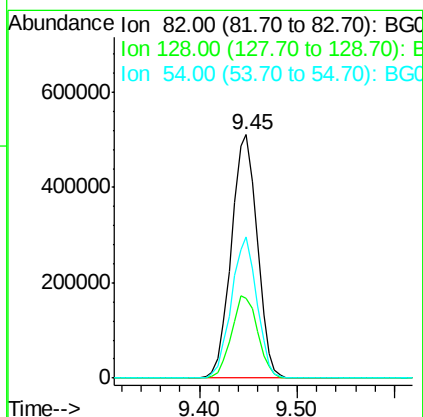
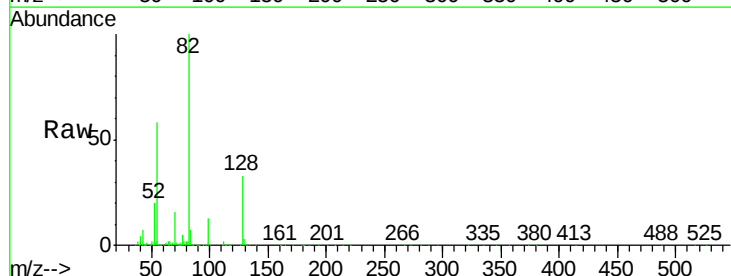
Instrument :
BNA_G
ClientSampleId :
SB-1COMP(0-16FEET)

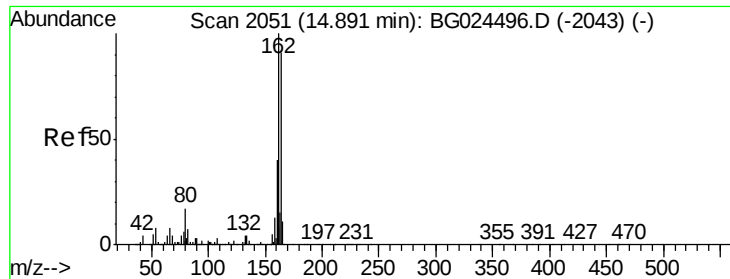
Tgt Ion:	136	Resp:	425185
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.9	13.3
54	10.6	9.3	13.9
68	5.0	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 100.73 ng
RT: 9.45 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG024547.D
Acq: 28 Oct 2016 20:16

Tgt Ion:	82	Resp:	940660
Ion Ratio	Lower	Upper	
82	100		
128	32.8	26.4	39.6
54	58.1	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.89 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG024547.D

Acq: 28 Oct 2016 20:16

Instrument :

BNA_G

ClientSampleId :

SB-1COMP(0-16FEET)

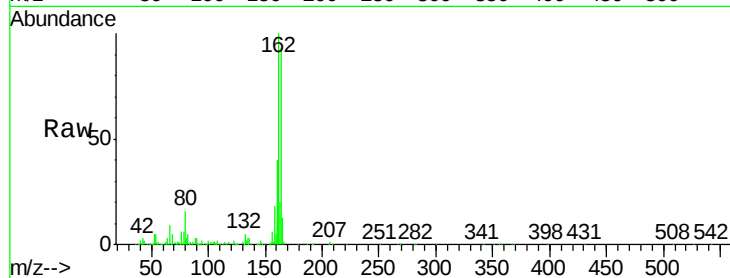
Tgt Ion:164 Resp: 261975

Ion Ratio Lower Upper

164 100

162 107.5 85.1 127.7

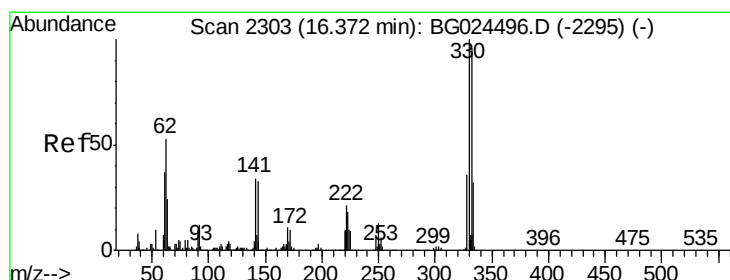
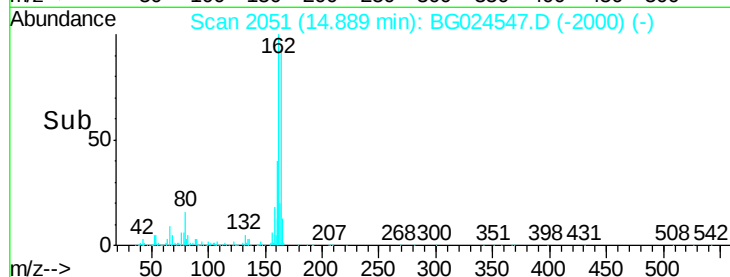
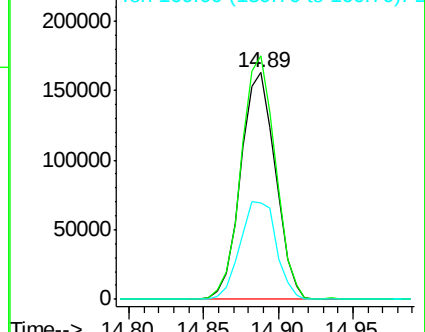
160 42.6 34.7 52.1



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: 167.16 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024547.D

Acq: 28 Oct 2016 20:16

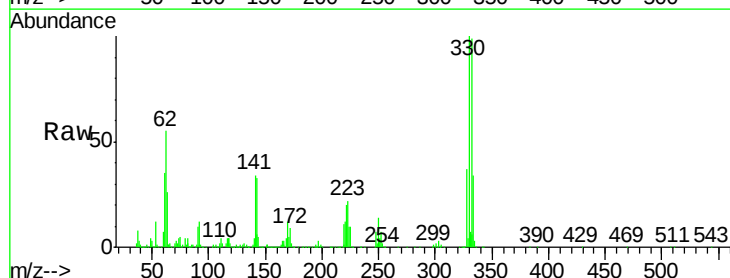
Tgt Ion:330 Resp: 654243

Ion Ratio Lower Upper

330 100

332 97.4 77.3 115.9

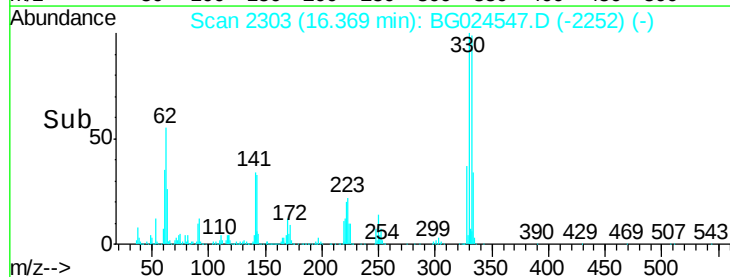
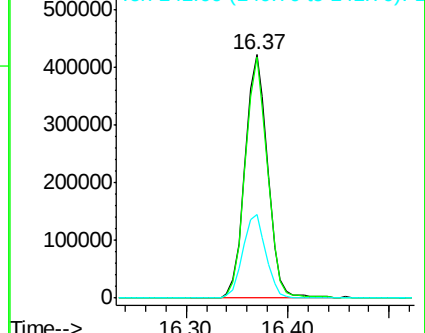
141 35.0 32.1 48.1



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: 113.65 ng

RT: 13.51 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BG024547.D

Acq: 28 Oct 2016 20:16

Instrument :

BNA_G

ClientSampleId :

SB-1COMP(0-16FEET)

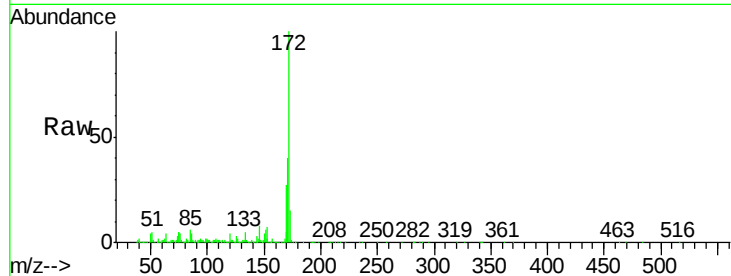
Tgt Ion:172 Resp: 1791284

Ion Ratio Lower Upper

172 100

171 39.5 32.2 48.2

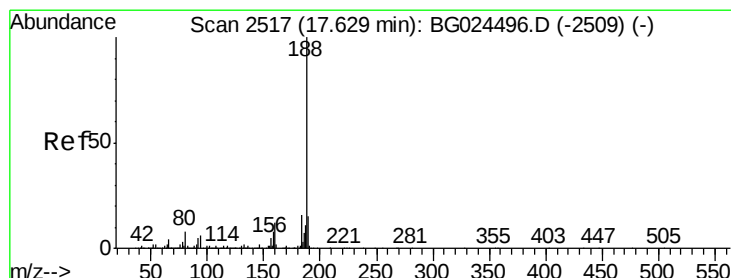
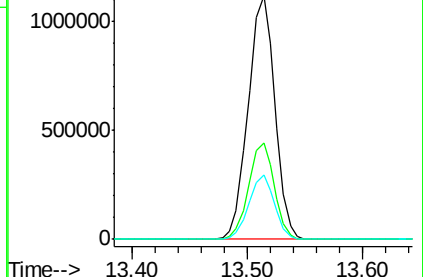
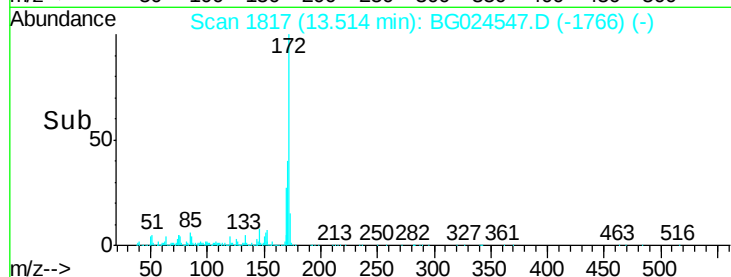
170 26.6 21.8 32.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024547.D

Acq: 28 Oct 2016 20:16

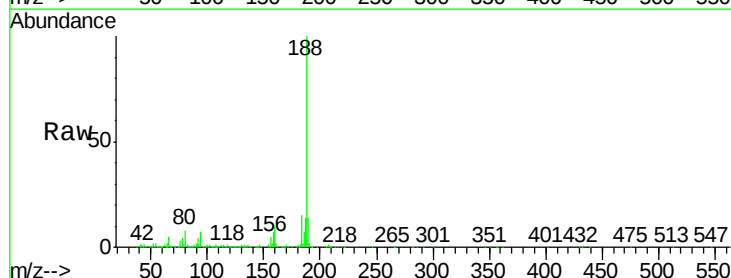
Tgt Ion:188 Resp: 684006

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

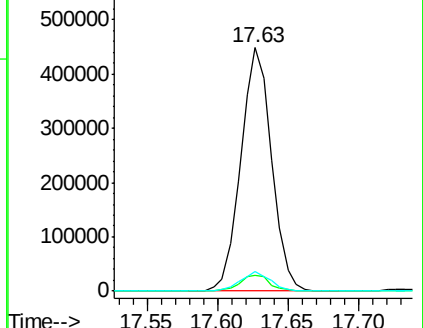
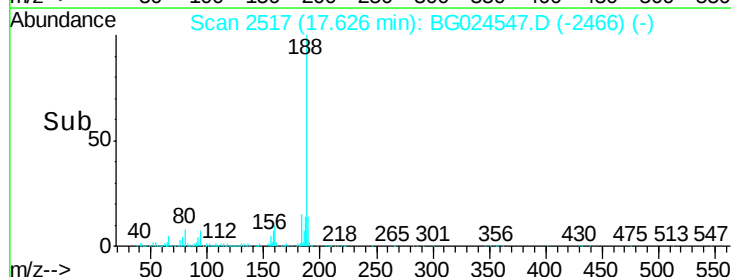
80 7.9 7.5 11.3

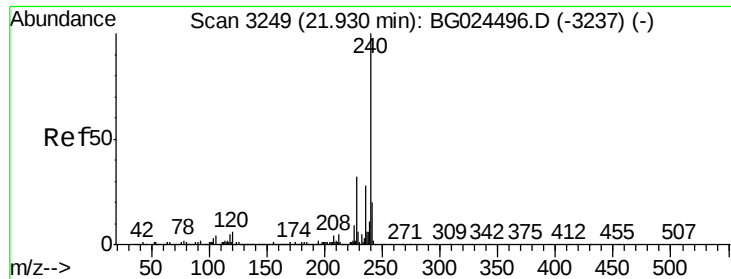


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.01 min

Lab File: BG024547.D

Acq: 28 Oct 2016 20:16

Instrument :

BNA_G

ClientSampleId :

SB-1COMP(0-16FEET)

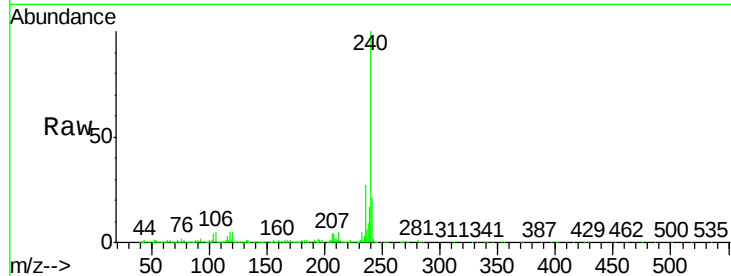
Tgt Ion:240 Resp: 823518

Ion Ratio Lower Upper

240 100

120 5.3 5.7 8.5#

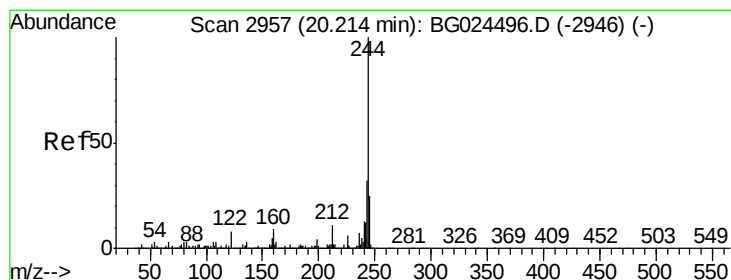
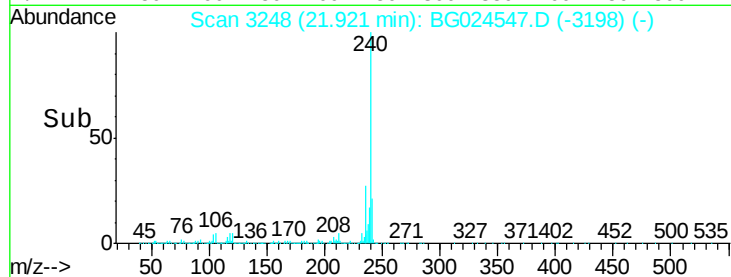
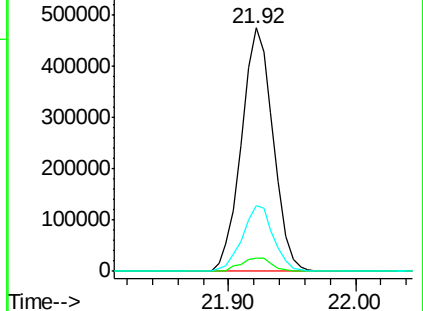
236 26.9 22.2 33.4



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: 112.38 ng

RT: 20.21 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BG024547.D

Acq: 28 Oct 2016 20:16

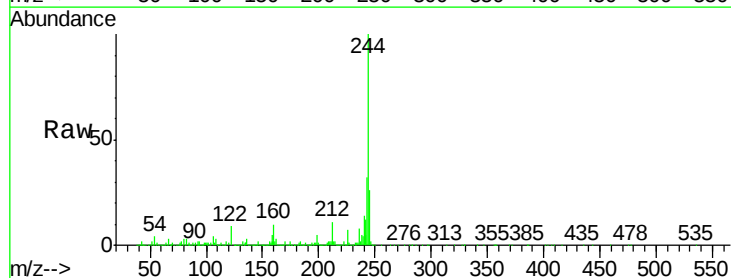
Tgt Ion:244 Resp: 3097044

Ion Ratio Lower Upper

244 100

212 10.7 10.0 15.0

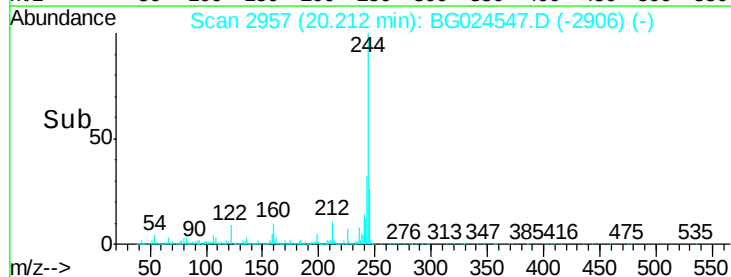
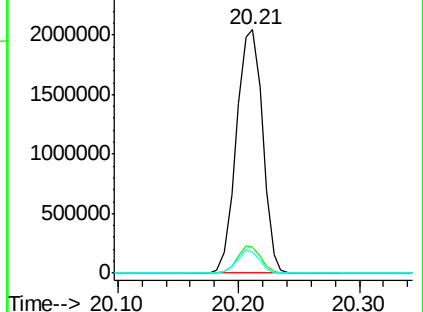
122 8.7 8.6 12.8

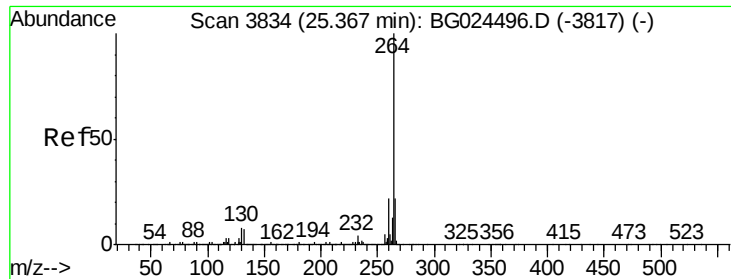


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.36 min Scan# 3833
Delta R.T. -0.01 min
Lab File: BG024547.D
Acq: 28 Oct 2016 20:16

Instrument :
BNA_G
ClientSampleId :
SB-1COMP(0-16FEET)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	23.1	18.2	27.4

