

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102816\
 Data File : BG024548.D
 Acq On : 28 Oct 2016 20:54
 Operator : UM/SJ
 Sample : H5439-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2COMP(0-16FEET)

Quant Time: Oct 28 23:46:34 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

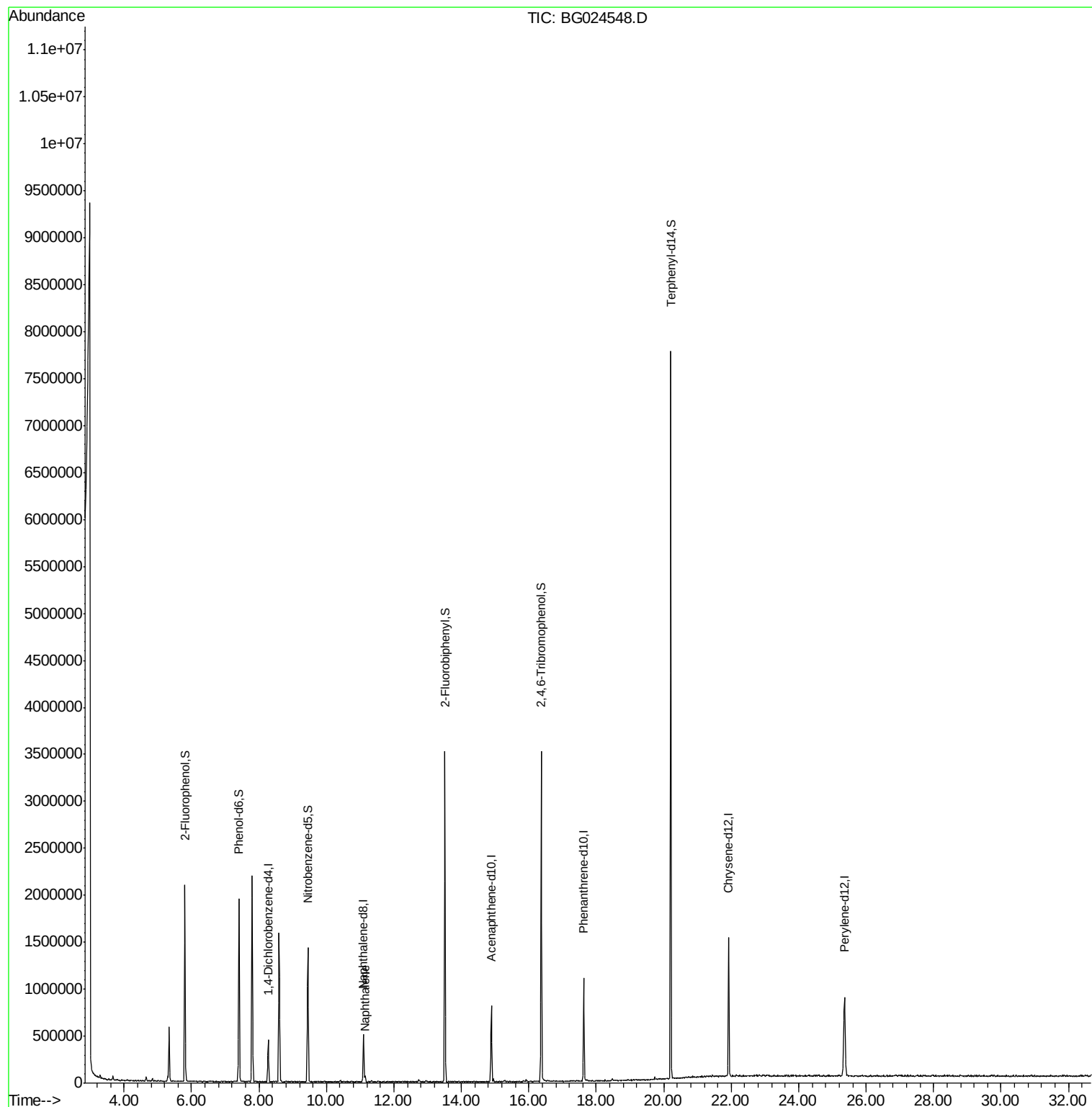
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	107982	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	403960	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	307194	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	702395	20.00	ng	0.00
75) Chrysene-d12	21.92	240	992893	20.00	ng	0.00
86) Perylene-d12	25.36	264	1015513	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	825961	125.37	ng	0.00
7) Phenol-d6	7.40	99	1052885	116.50	ng	0.00
23) Nitrobenzene-d5	9.45	82	874130	98.52	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	678036	147.74	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1750898	94.73	ng	0.00
78) Terphenyl-d14	20.21	244	3110171	93.60	ng	0.00
Target Compounds						
31) Naphthalene	11.15	128	49256	2.44	ng	Qvalue # 96

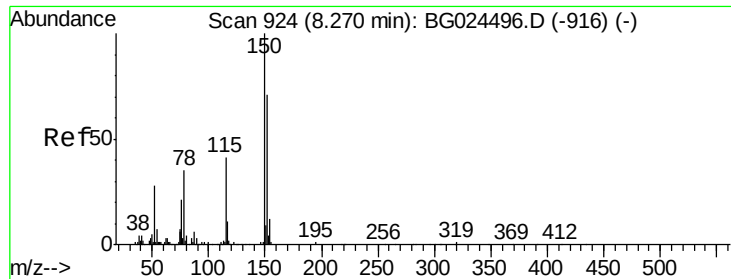
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024548.D

Acq: 28 Oct 2016 20:54

Instrument :

BNA_G

ClientSampleId :

SB-2COMP(0-16FEET)

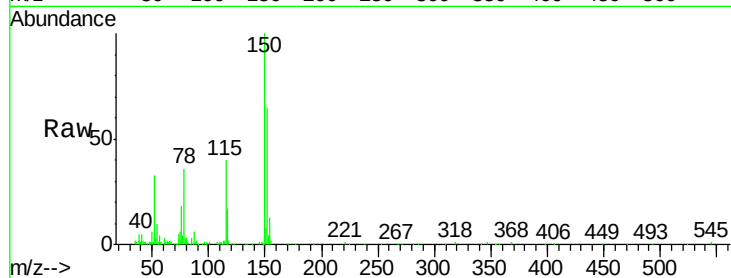
Tgt Ion:152 Resp: 107982

Ion Ratio Lower Upper

152 100

150 154.4 114.0 171.0

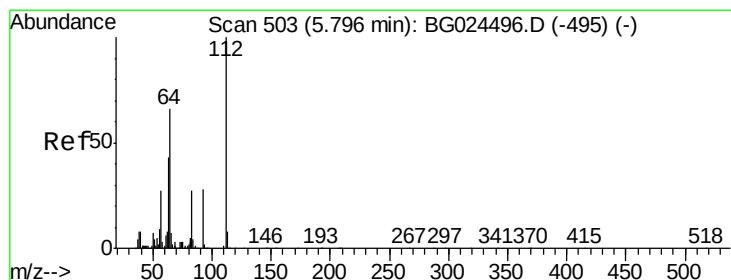
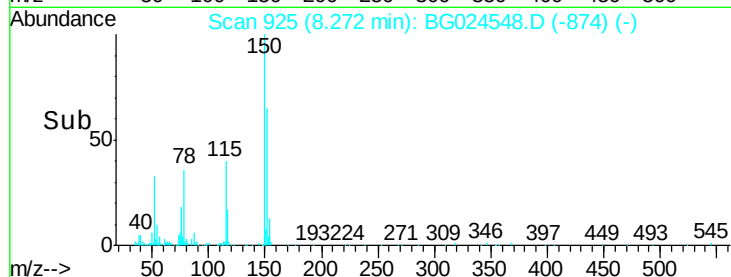
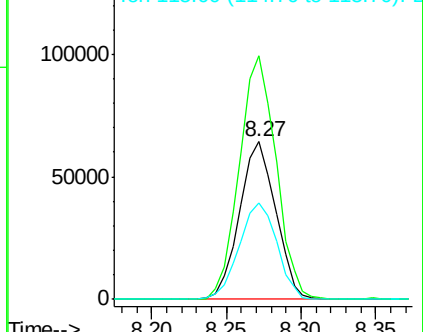
115 61.4 48.1 72.1



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: 125.37 ng

RT: 5.80 min Scan# 505

Delta R.T. 0.01 min

Lab File: BG024548.D

Acq: 28 Oct 2016 20:54

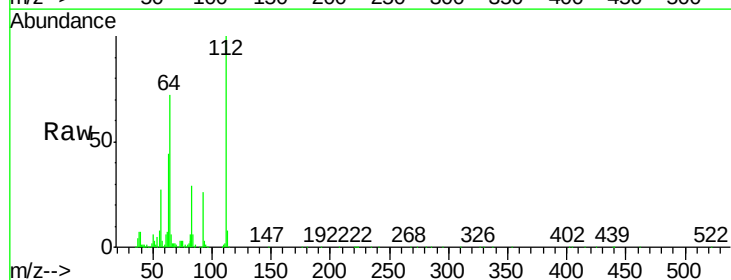
Tgt Ion:112 Resp: 825961

Ion Ratio Lower Upper

112 100

64 71.9 61.8 92.6

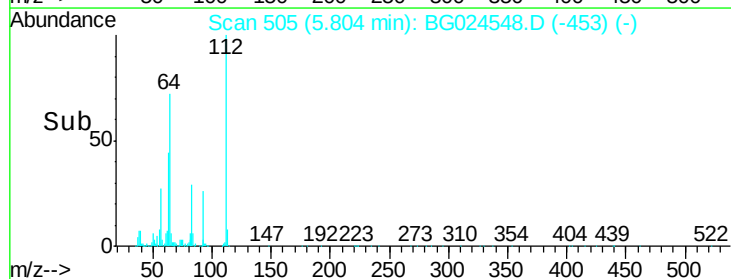
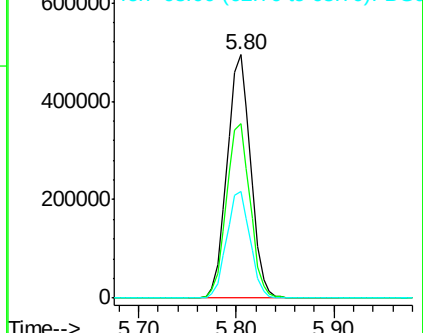
63 44.0 37.2 55.8

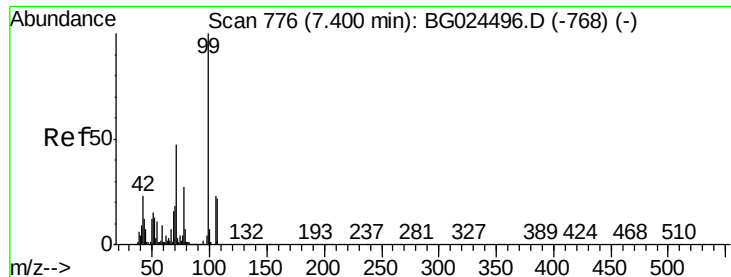


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 116.50 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024548.D

Acq: 28 Oct 2016 20:54

Instrument :

BNA_G

ClientSampleId :

SB-2COMP(0-16FEET)

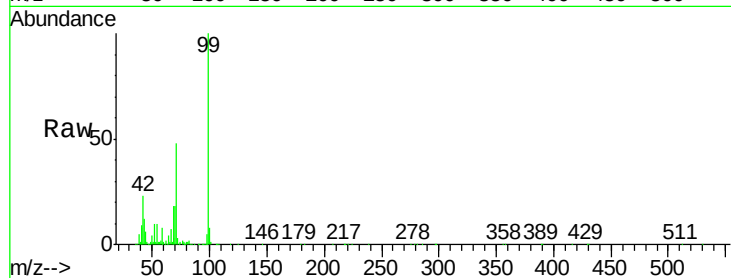
Tgt Ion: 99 Resp: 1052885

Ion Ratio Lower Upper

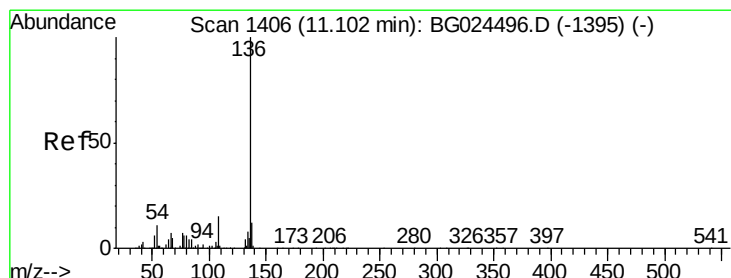
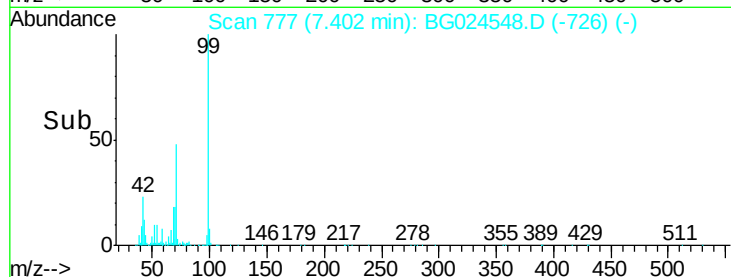
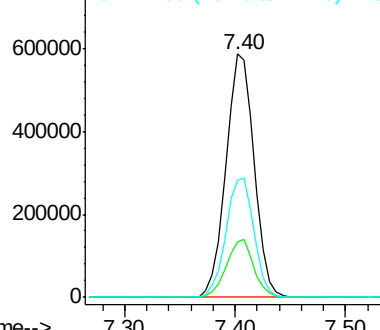
99 100

42 22.9 20.5 30.7

71 48.0 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# 1406

Delta R.T. -0.00 min

Lab File: BG024548.D

Acq: 28 Oct 2016 20:54

Tgt Ion: 136 Resp: 403960

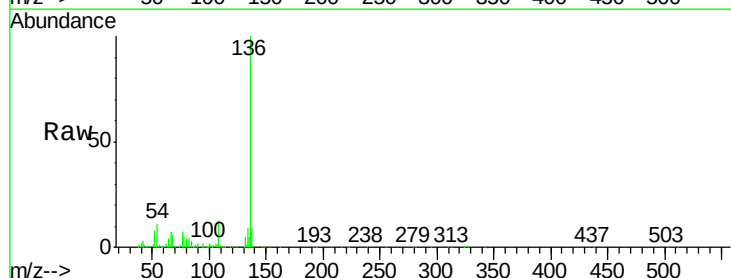
Ion Ratio Lower Upper

136 100

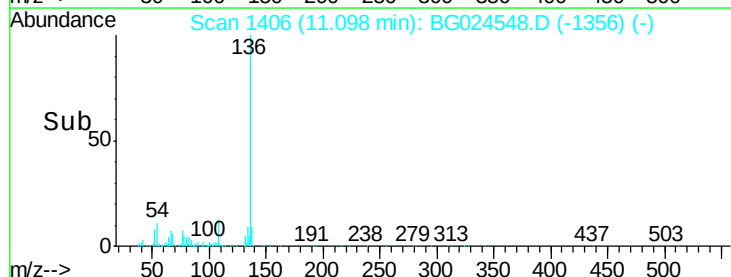
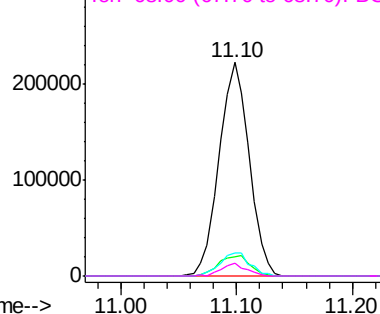
137 9.1 8.9 13.3

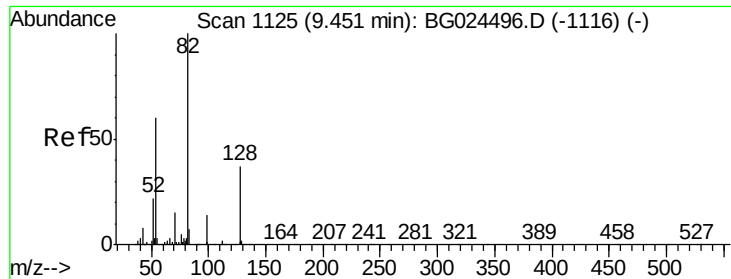
54 10.5 9.3 13.9

68 5.7 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

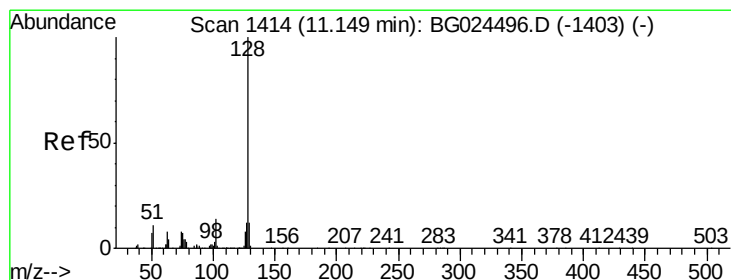
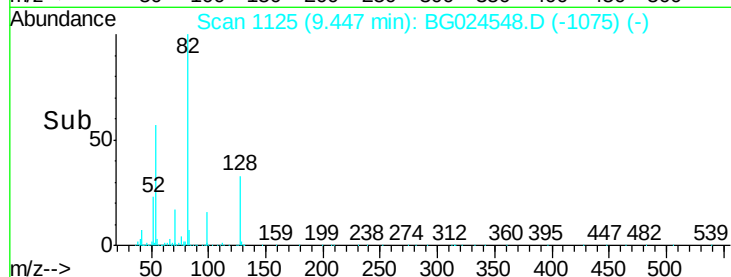
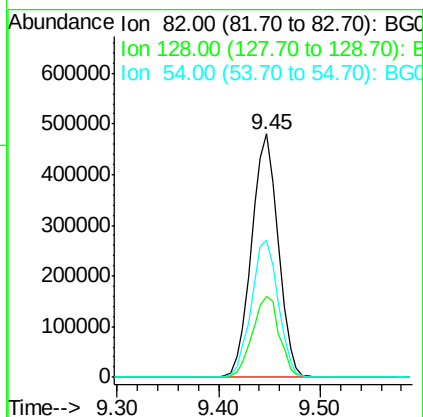
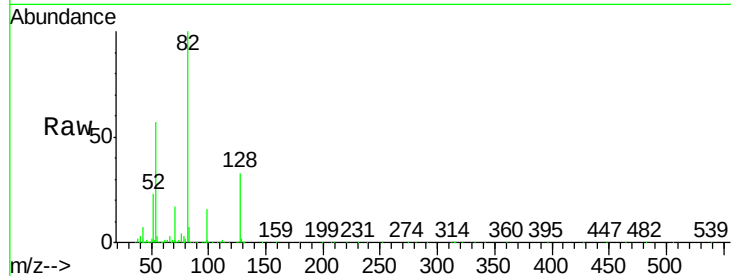




#23
Nitrobenzene-d5
Concen: 98.52 ng
RT: 9.45 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG024548.D
Acq: 28 Oct 2016 20:54

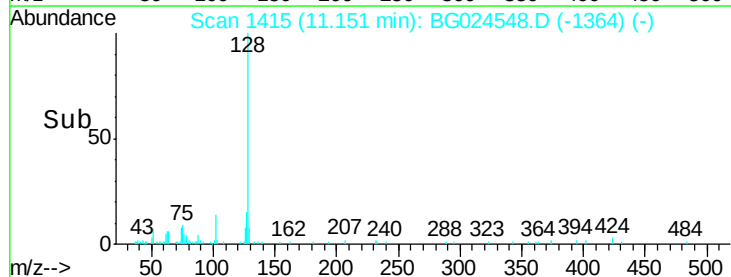
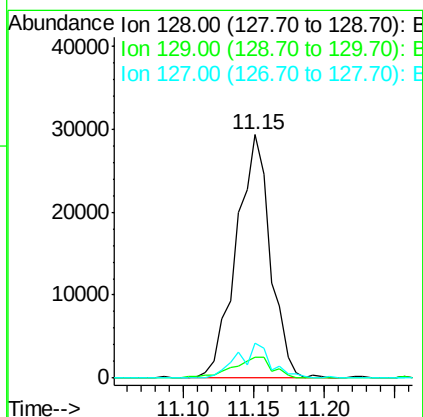
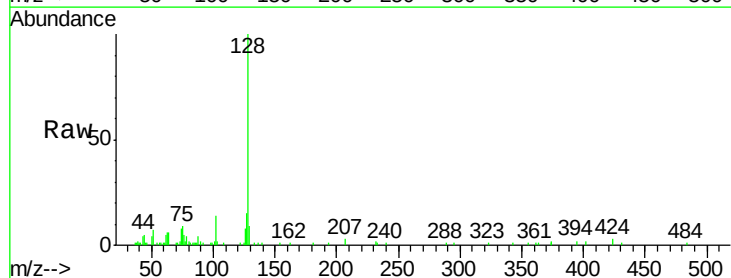
Instrument :
BNA_G
ClientSampleId :
SB-2COMP(0-16FEET)

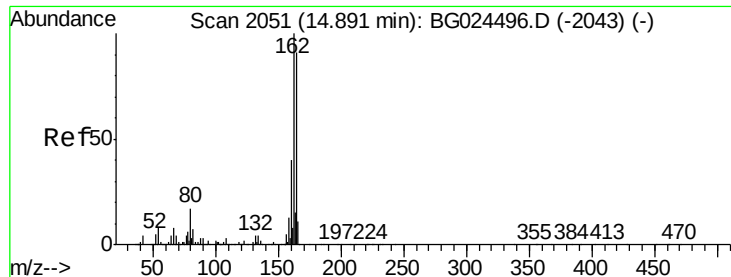
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.3	26.4	39.6
54	56.6	49.4	74.2



#31
Naphthalene
Concen: 2.44 ng
RT: 11.15 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BG024548.D
Acq: 28 Oct 2016 20:54

Tgt Ion	Ratio	Lower	Upper
128	100		
129	8.7	9.3	13.9#
127	14.6	11.4	17.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.89 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG024548.D

Acq: 28 Oct 2016 20:54

Instrument :

BNA_G

ClientSampleId :

SB-2COMP(0-16FEET)

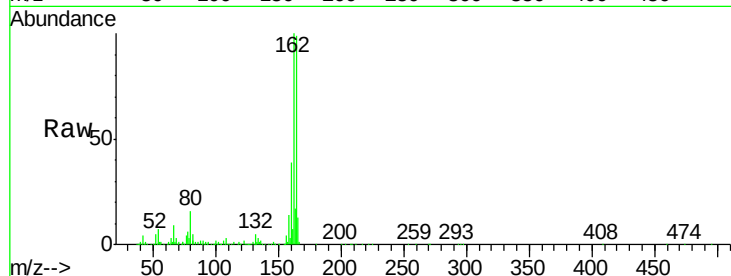
Tgt Ion:164 Resp: 307194

Ion Ratio Lower Upper

164 100

162 101.1 85.1 127.7

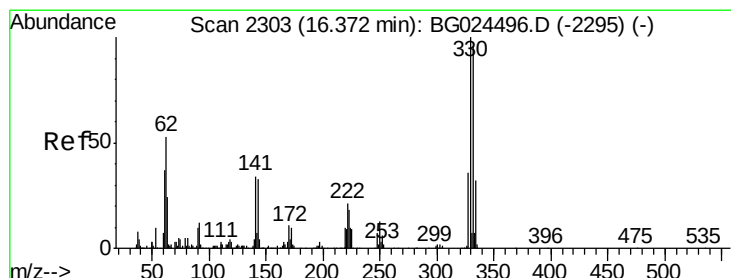
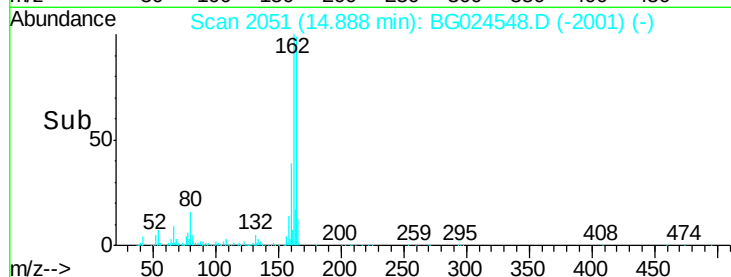
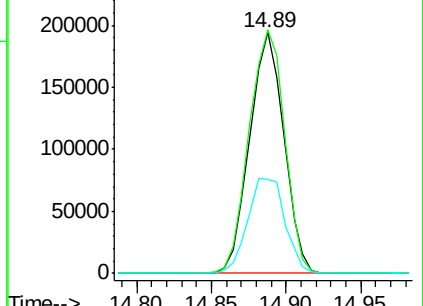
160 39.0 34.7 52.1



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: 147.74 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024548.D

Acq: 28 Oct 2016 20:54

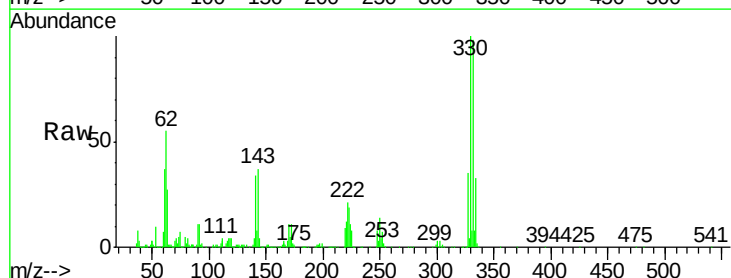
Tgt Ion:330 Resp: 678036

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

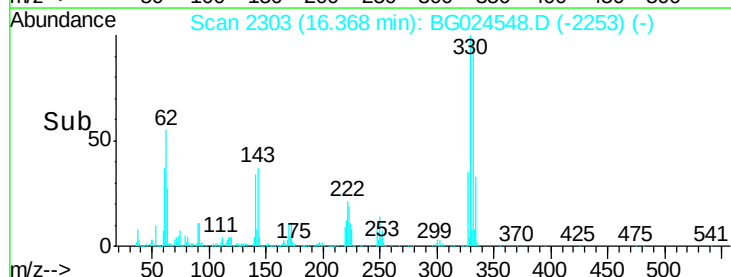
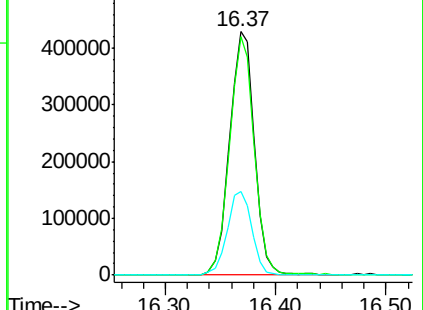
141 34.1 32.1 48.1

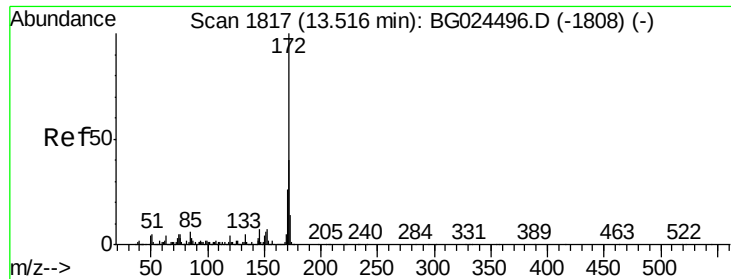


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 94.73 ng

RT: 13.51 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BG024548.D

Acq: 28 Oct 2016 20:54

Instrument :

BNA_G

ClientSampleId :

SB-2COMP(0-16FEET)

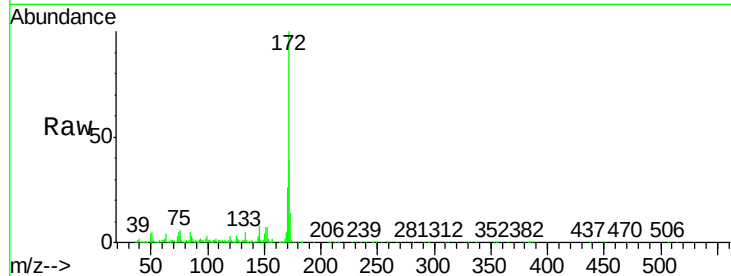
Tgt Ion:172 Resp: 1750898

Ion Ratio Lower Upper

172 100

171 38.6 32.2 48.2

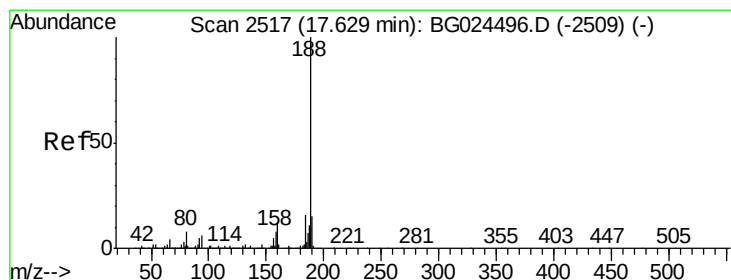
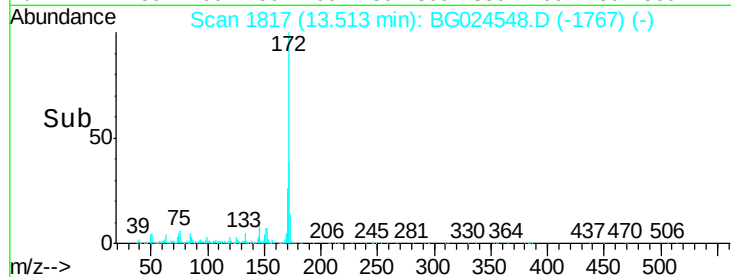
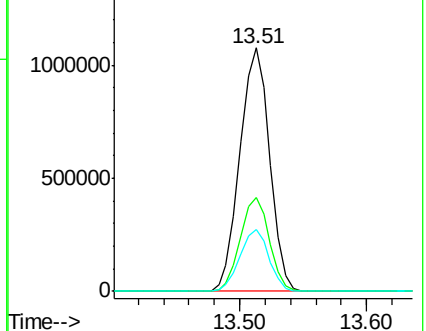
170 25.6 21.8 32.6



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: BG024548.D

Acq: 28 Oct 2016 20:54

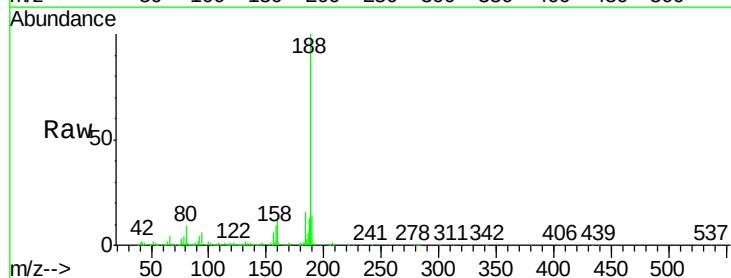
Tgt Ion:188 Resp: 702395

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

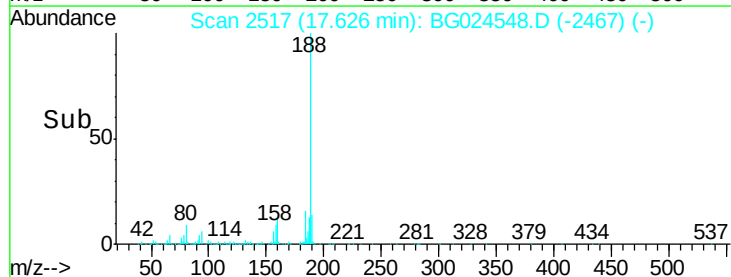
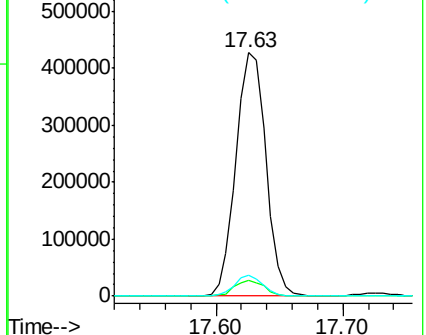
80 8.5 7.5 11.3

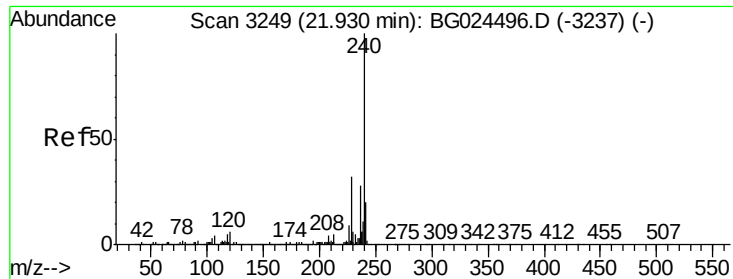


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG024548.D

Acq: 28 Oct 2016 20:54

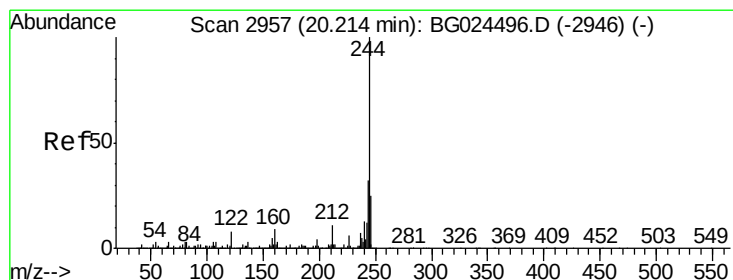
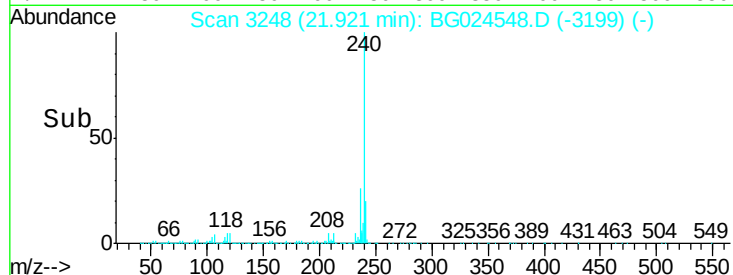
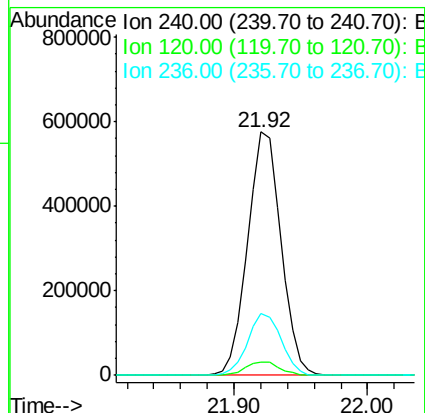
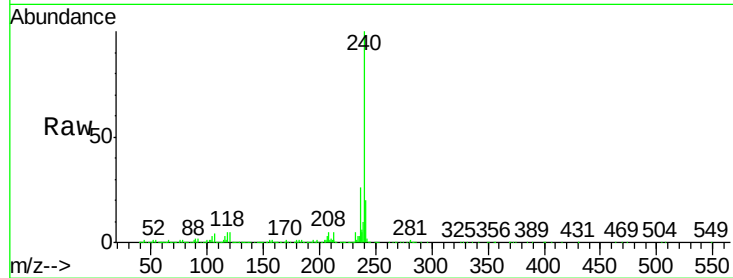
Instrument :

BNA_G

ClientSampleId :

SB-2COMP(0-16FEET)

Tgt Ion:	240	Resp:	992893
Ion Ratio	Lower	Upper	
240	100		
120	5.4	5.7	8.5#
236	25.6	22.2	33.4



#78

Terphenyl-d14

Concen: 93.60 ng

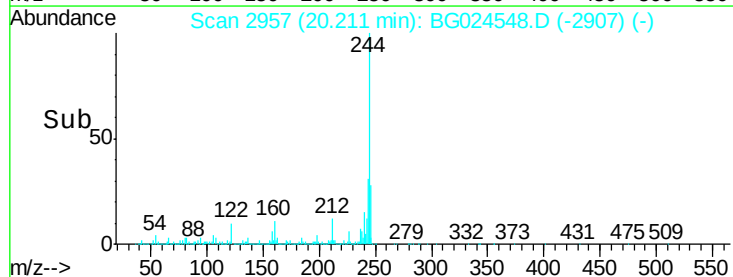
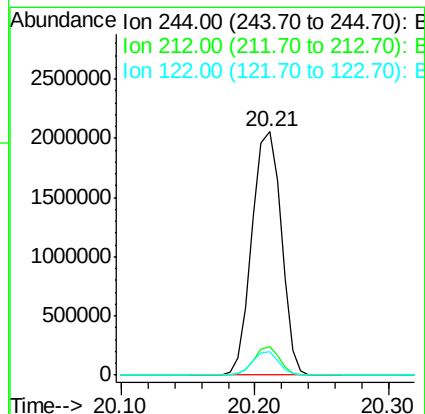
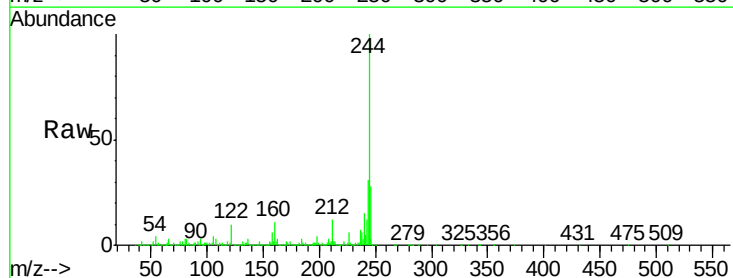
RT: 20.21 min Scan# 2957

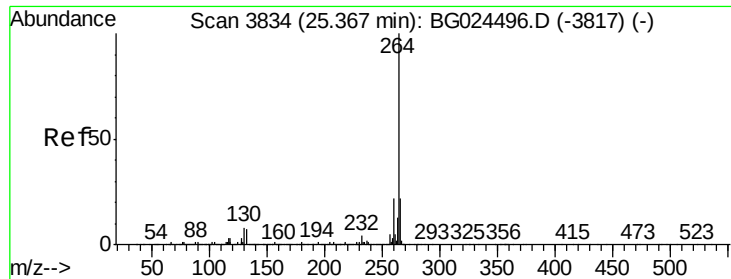
Delta R.T. -0.00 min

Lab File: BG024548.D

Acq: 28 Oct 2016 20:54

Tgt Ion:	244	Resp:	3110171
Ion Ratio	Lower	Upper	
244	100		
212	11.6	10.0	15.0
122	9.7	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.36 min Scan# 3833
Delta R.T. -0.01 min
Lab File: BG024548.D
Acq: 28 Oct 2016 20:54

Instrument :
BNA_G
ClientSampleId :
SB-2COMP(0-16FEET)

Tgt Ion: 264 Resp: 1015513

Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.8	32.8
265	22.3	18.2	27.4

