

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102816\
 Data File : BG024551.D
 Acq On : 28 Oct 2016 22:49
 Operator : UM/SJ
 Sample : H5439-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-5COMP(0-16FEET)

Quant Time: Oct 28 23:47:11 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

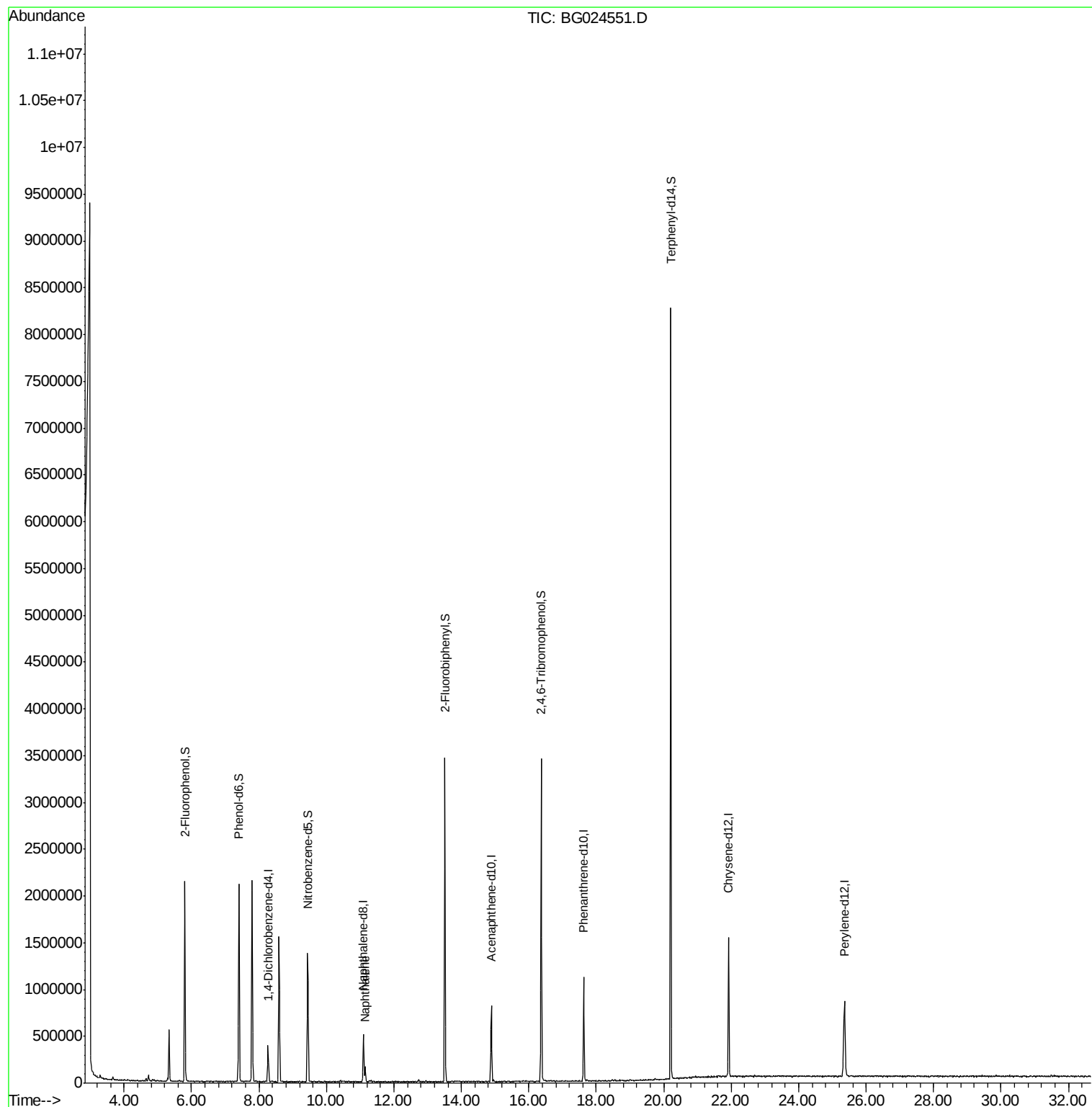
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	104236	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	392208	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	301389	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	701863	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1011073	20.00	ng	0.00
86) Perylene-d12	25.36	264	997962	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	832248	130.86	ng	0.00
7) Phenol-d6	7.40	99	1110697	127.32	ng	0.00
23) Nitrobenzene-d5	9.45	82	870953	101.10	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	673277	149.53	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1717561	94.72	ng	0.00
78) Terphenyl-d14	20.21	244	3177011	93.89	ng	0.00
Target Compounds						
31) Naphthalene	11.15	128	123524	6.31	ng	Qvalue # 93

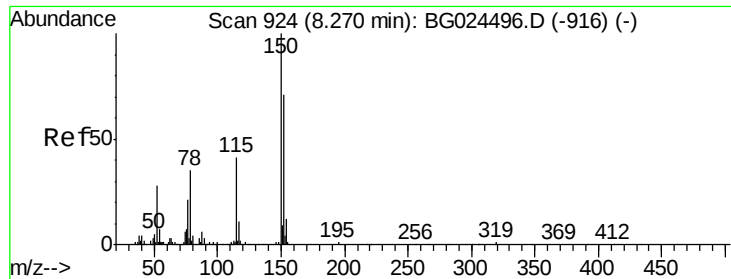
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024551.D

Acq: 28 Oct 2016 22:49

Instrument :

BNA_G

ClientSampleId :

SB-5COMP(0-16FEET)

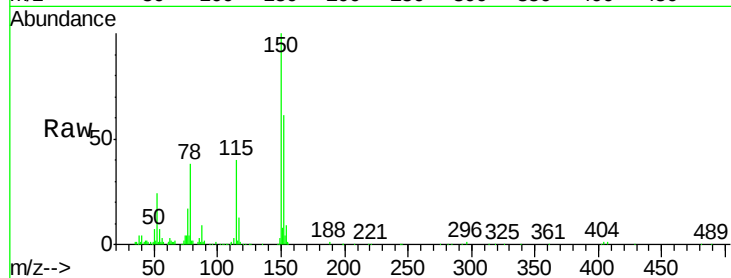
Tgt Ion:152 Resp: 104236

Ion Ratio Lower Upper

152 100

150 162.7 114.0 171.0

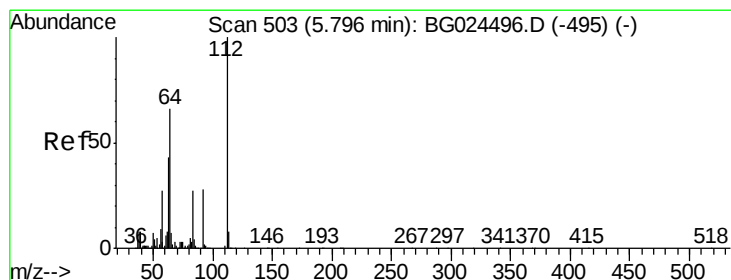
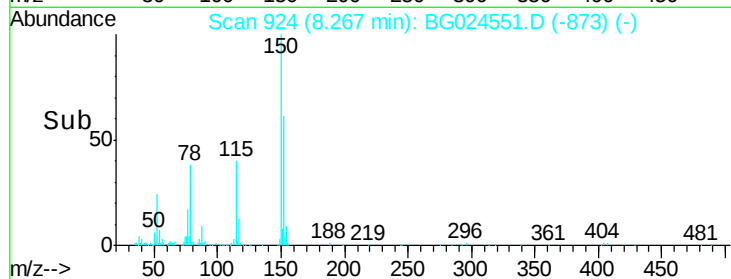
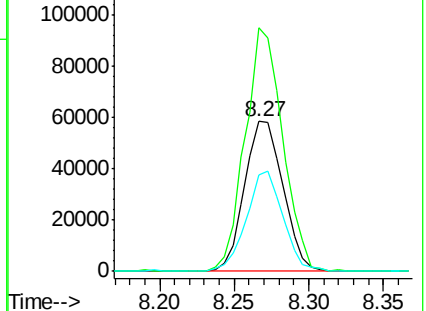
115 64.8 48.1 72.1



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: 130.86 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024551.D

Acq: 28 Oct 2016 22:49

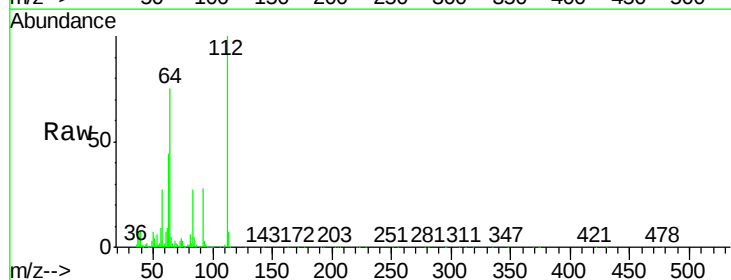
Tgt Ion:112 Resp: 832248

Ion Ratio Lower Upper

112 100

64 75.4 61.8 92.6

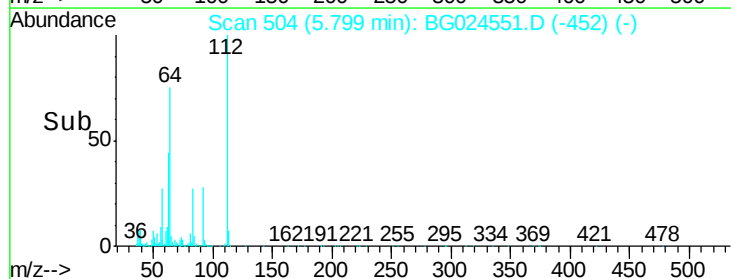
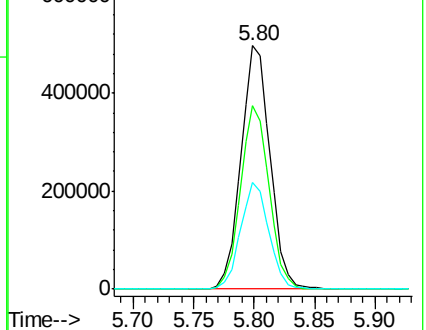
63 43.7 37.2 55.8

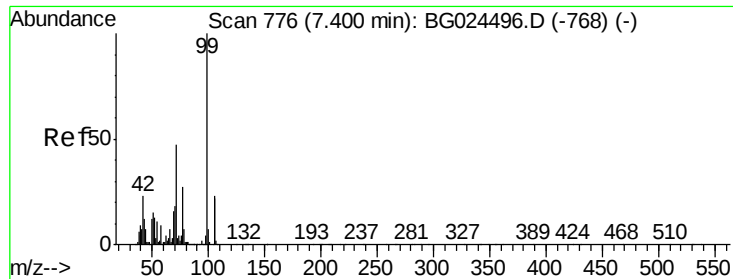


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 127.32 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024551.D

Acq: 28 Oct 2016 22:49

Instrument :

BNA_G

ClientSampleId :

SB-5COMP(0-16FEET)

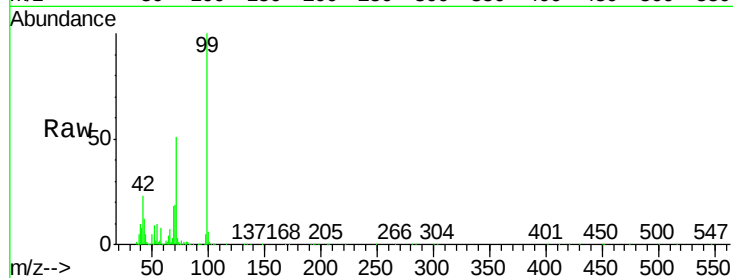
Tgt Ion: 99 Resp: 1110697

Ion Ratio Lower Upper

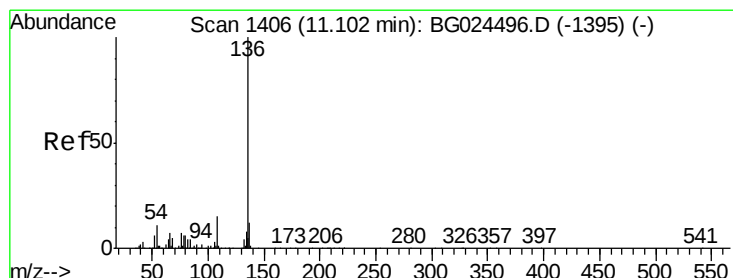
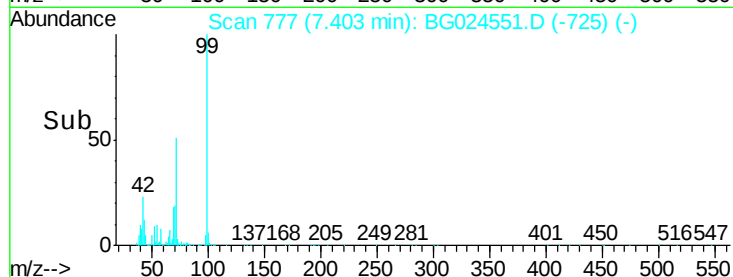
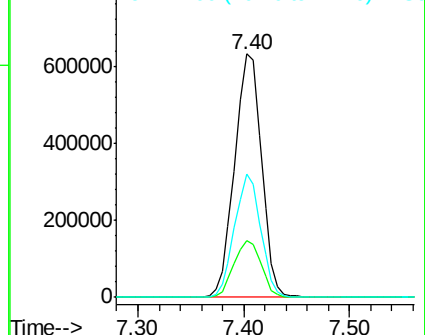
99 100

42 23.1 20.5 30.7

71 50.7 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: 11.10 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG024551.D

Acq: 28 Oct 2016 22:49

Tgt Ion: 136 Resp: 392208

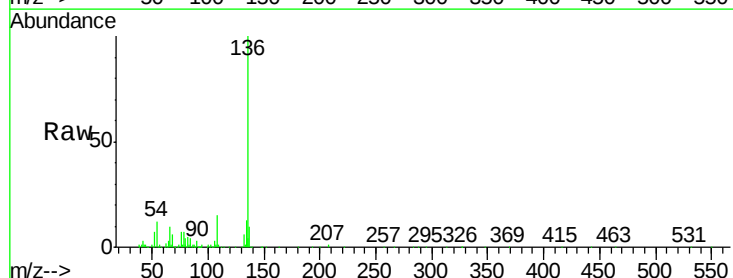
Ion Ratio Lower Upper

136 100

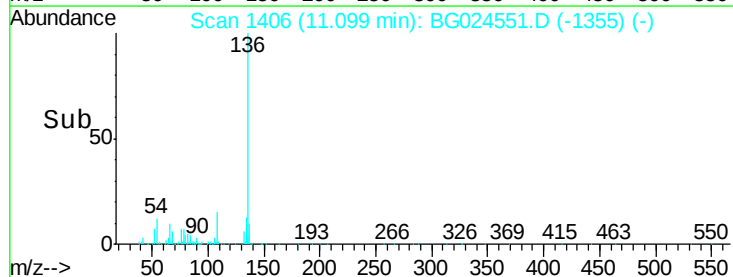
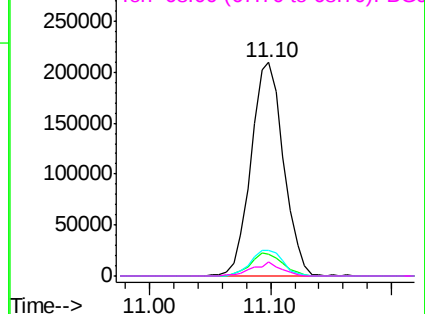
137 10.4 8.9 13.3

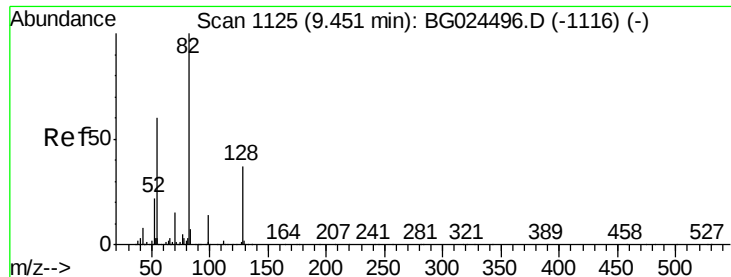
54 12.2 9.3 13.9

68 6.4 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

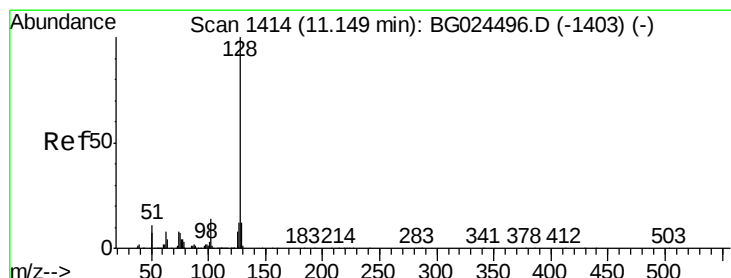
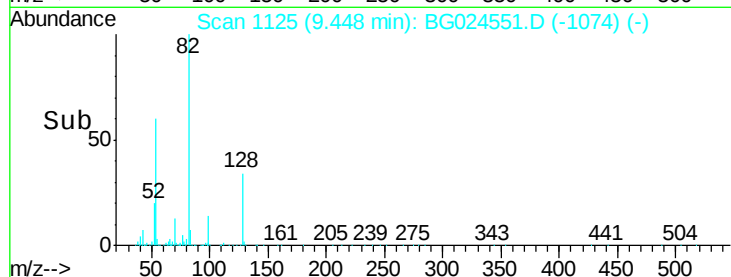
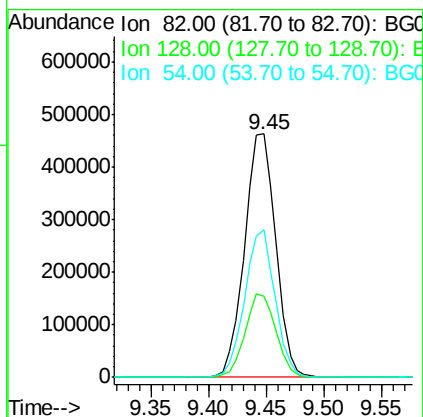
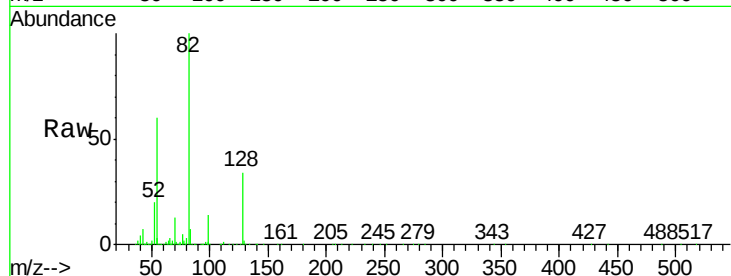




#23
Nitrobenzene-d5
Concen: 101.10 ng
RT: 9.45 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG024551.D
Acq: 28 Oct 2016 22:49

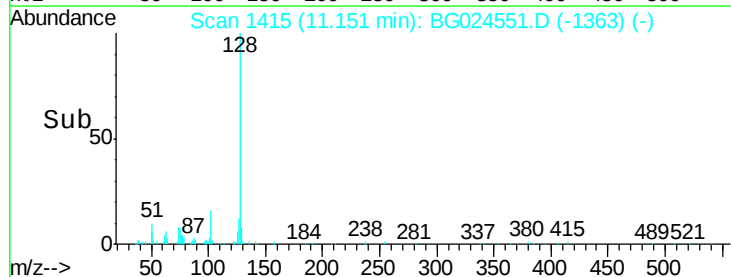
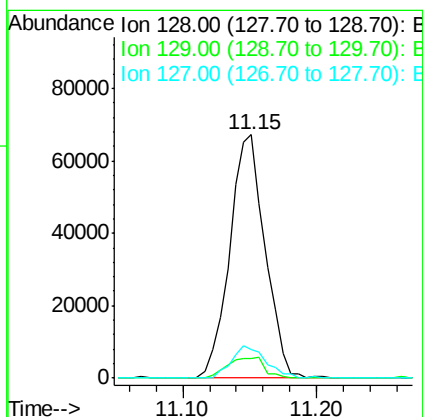
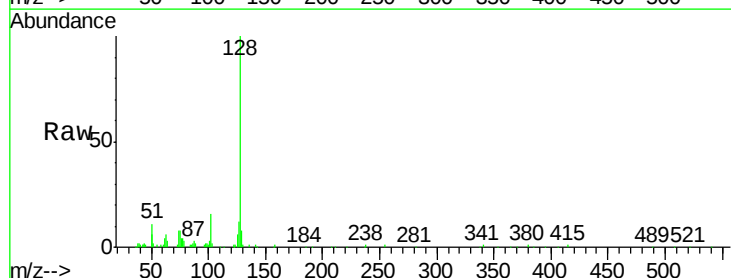
Instrument :
BNA_G
ClientSampleId :
SB-5COMP(0-16FEET)

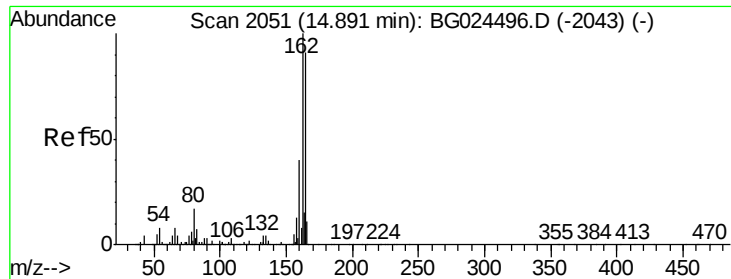
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.5	26.4	39.6
54	60.4	49.4	74.2



#31
Naphthalene
Concen: 6.31 ng
RT: 11.15 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BG024551.D
Acq: 28 Oct 2016 22:49

Tgt Ion	Ratio	Lower	Upper
128	100		
129	8.1	9.3	13.9#
127	11.8	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: BG024551.D

Acq: 28 Oct 2016 22:49

Instrument :

BNA_G

ClientSampleId :

SB-5COMP(0-16FEET)

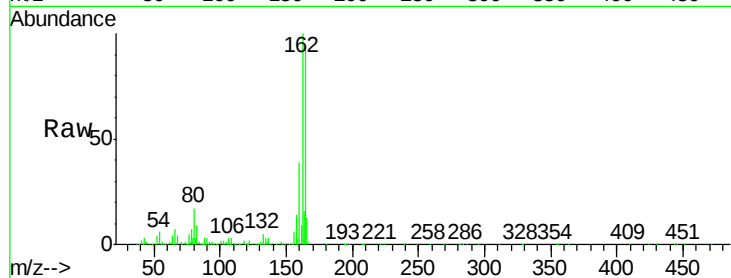
Tgt Ion:164 Resp: 301389

Ion Ratio Lower Upper

164 100

162 106.2 85.1 127.7

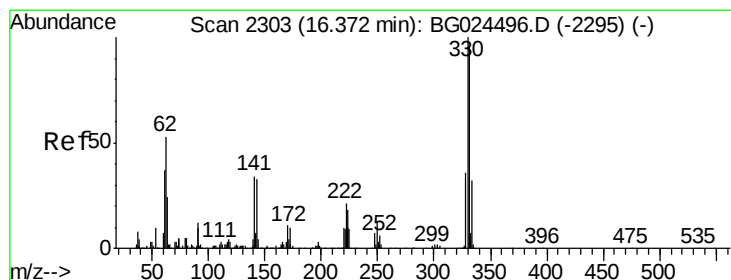
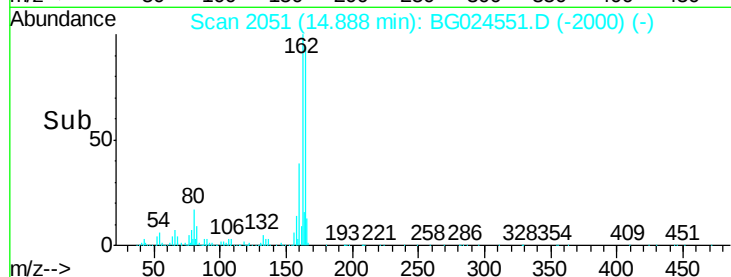
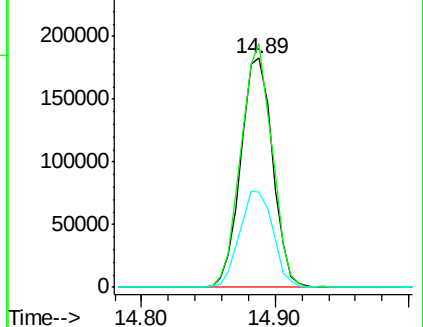
160 41.6 34.7 52.1



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: 149.53 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024551.D

Acq: 28 Oct 2016 22:49

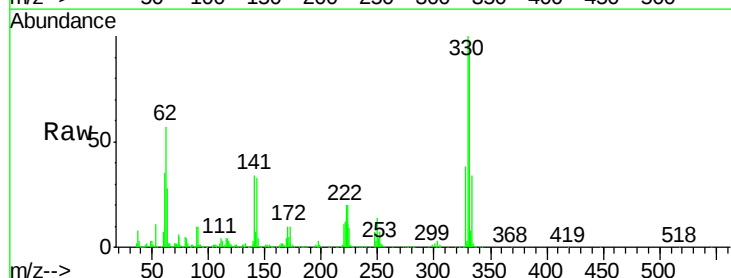
Tgt Ion:330 Resp: 673277

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

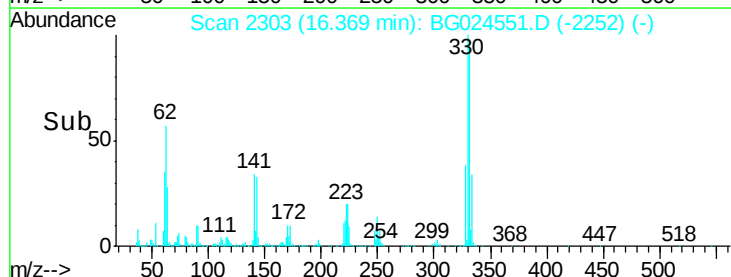
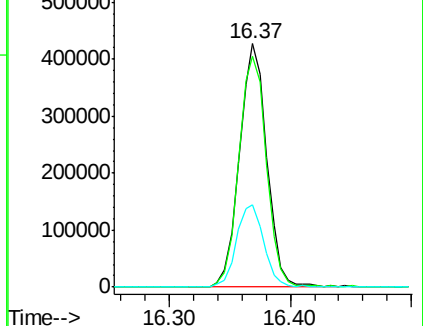
141 33.9 32.1 48.1

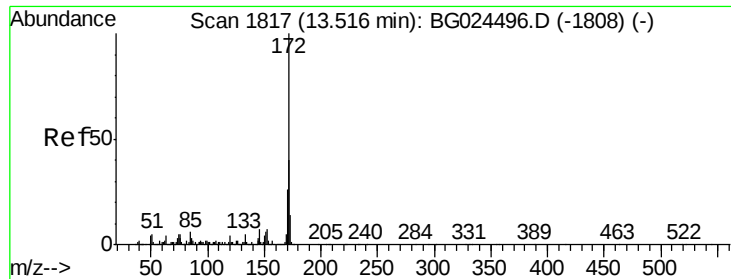


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

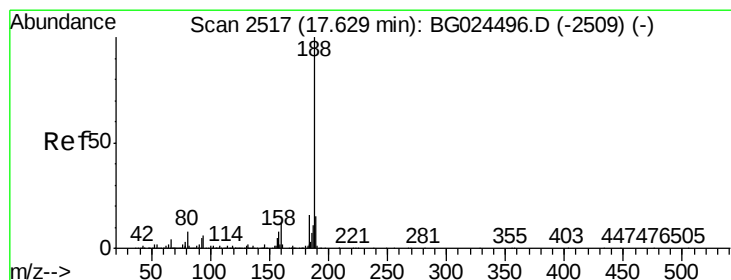
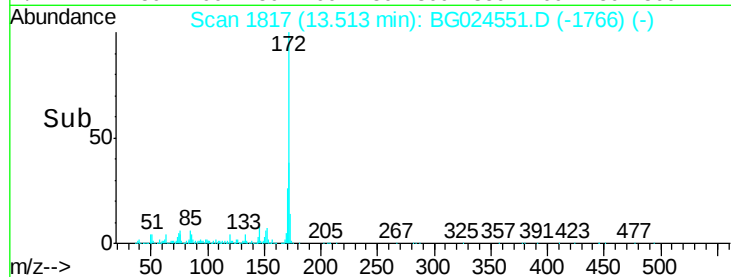
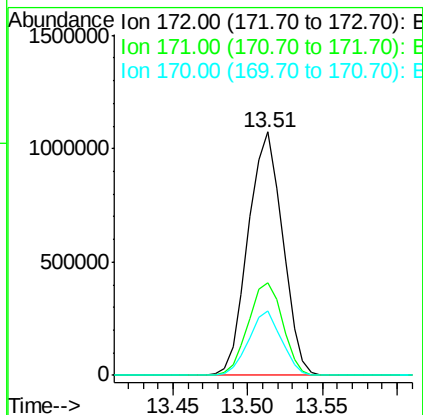
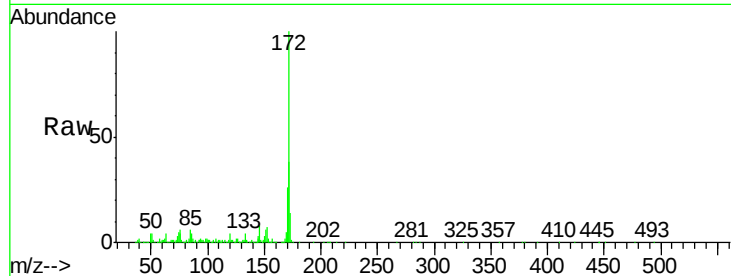




#44
2-Fluorobiphenyl
Concen: 94.72 ng
RT: 13.51 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG024551.D
Acq: 28 Oct 2016 22:49

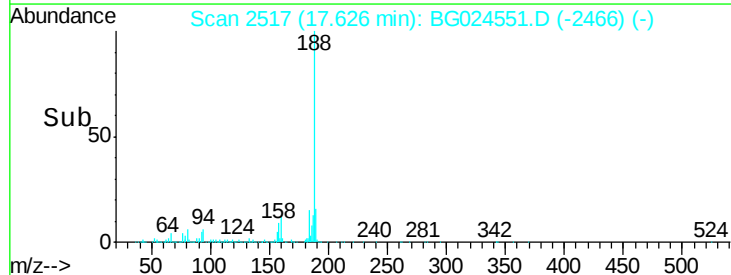
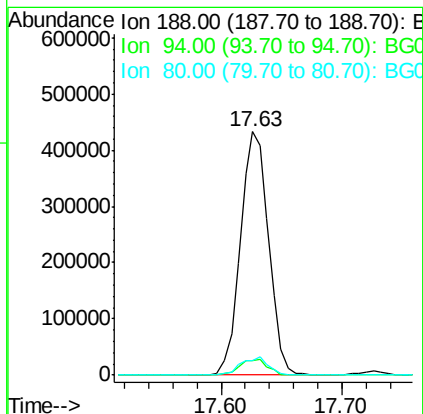
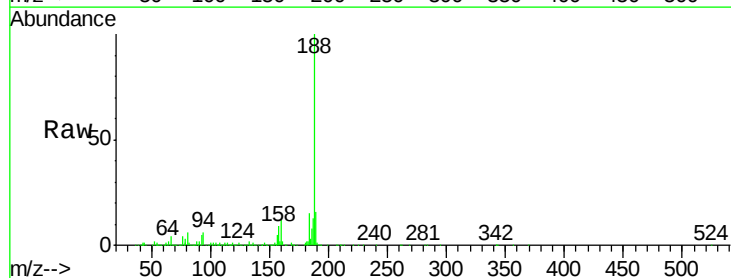
Instrument :
BNA_G
ClientSampleId :
SB-5COMP(0-16FEET)

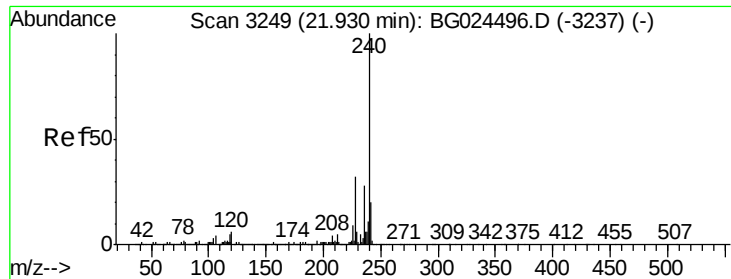
Tgt Ion:172 Resp: 1717561
Ion Ratio Lower Upper
172 100
171 37.8 32.2 48.2
170 26.5 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024551.D
Acq: 28 Oct 2016 22:49

Tgt Ion:188 Resp: 701863
Ion Ratio Lower Upper
188 100
94 5.8 5.8 8.8#
80 6.0 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG024551.D

Acq: 28 Oct 2016 22:49

Instrument :

BNA_G

ClientSampleId :

SB-5COMP(0-16FEET)

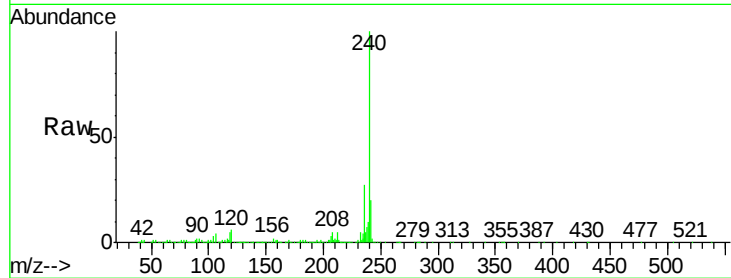
Tgt Ion:240 Resp: 1011073

Ion Ratio Lower Upper

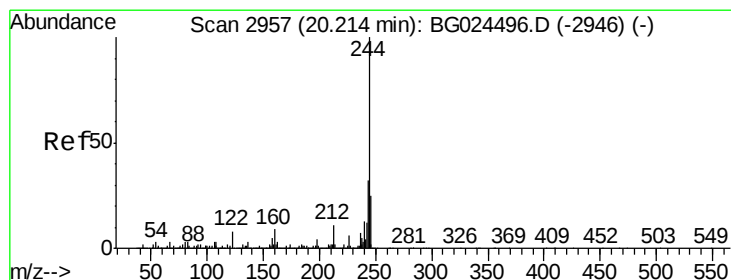
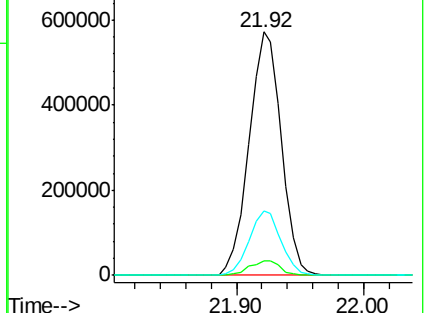
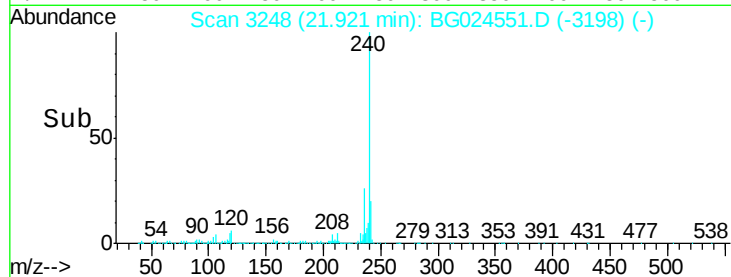
240 100

120 5.9 5.7 8.5

236 26.5 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: 93.89 ng

RT: 20.21 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BG024551.D

Acq: 28 Oct 2016 22:49

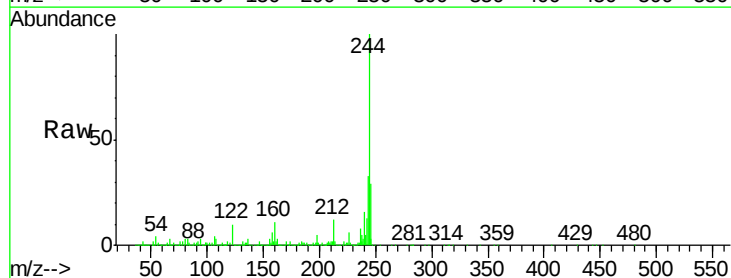
Tgt Ion:244 Resp: 3177011

Ion Ratio Lower Upper

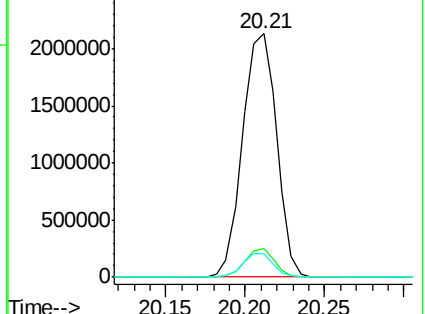
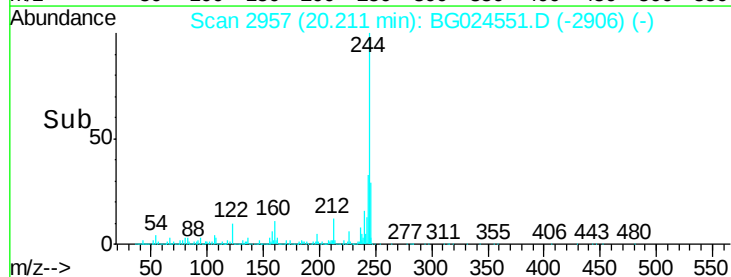
244 100

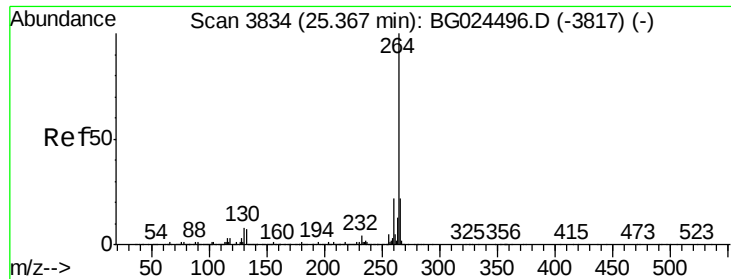
212 11.8 10.0 15.0

122 9.7 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

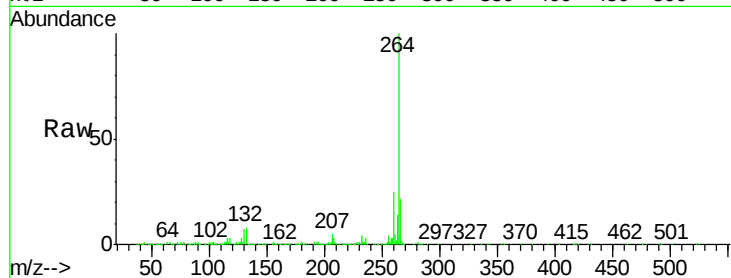




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.36 min Scan# 3833
Delta R.T. -0.01 min
Lab File: BG024551.D
Acq: 28 Oct 2016 22:49

Instrument :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.8	32.8
265	22.4	18.2	27.4



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

