

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110116\
 Data File : BG024625.D
 Acq On : 2 Nov 2016 12:47
 Operator : UM/SJ
 Sample : H5491-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-77-16.5-17.0

Quant Time: Nov 02 13:27:27 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

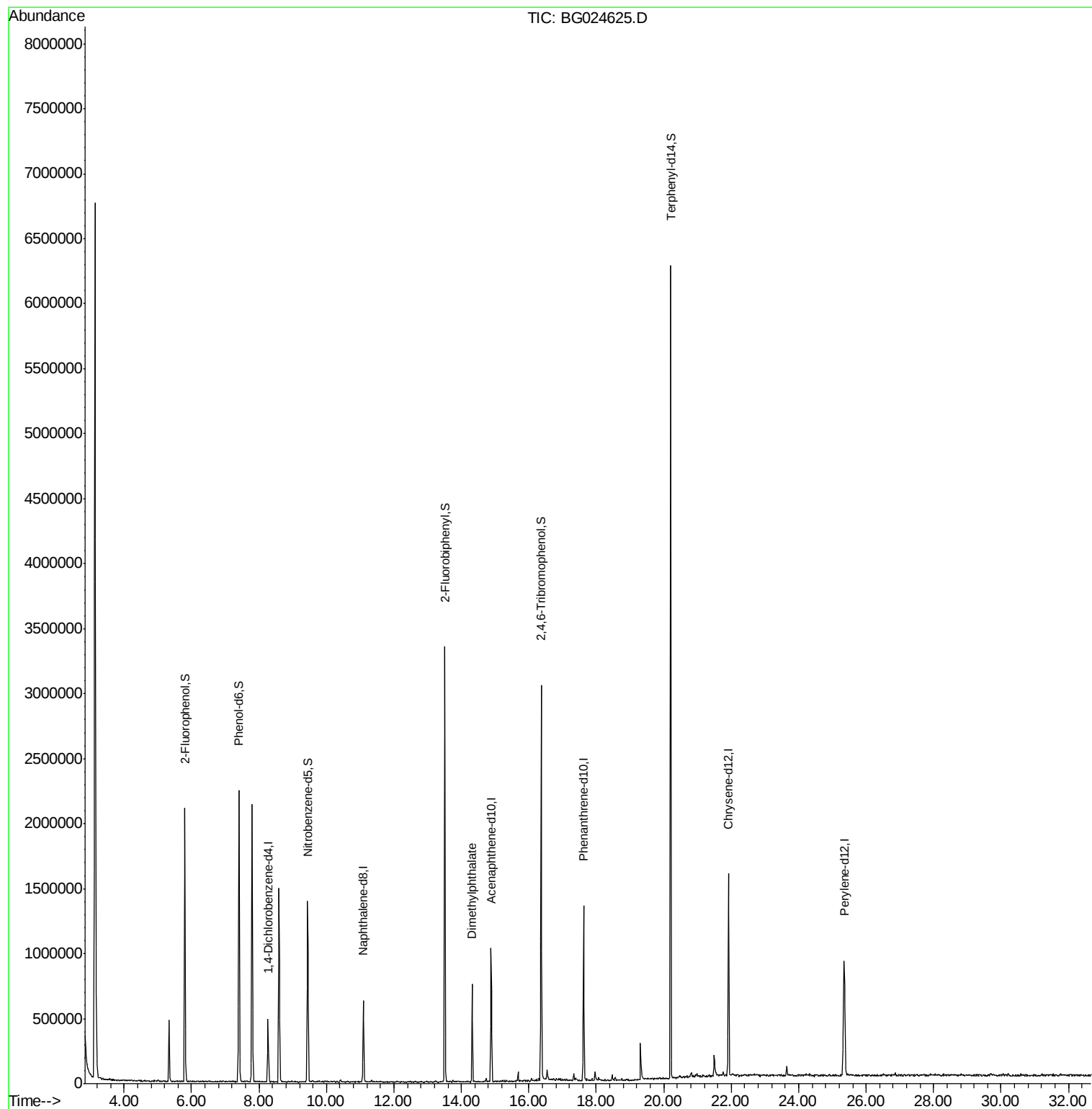
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	137068	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	504582	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	387340	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	846208	20.00	ng	0.00
75) Chrysene-d12	21.91	240	1092034	20.00	ng	-0.02
86) Perylene-d12	25.35	264	1141114	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	863111	103.21	ng	0.00
7) Phenol-d6	7.40	99	1251393	109.09	ng	0.00
23) Nitrobenzene-d5	9.44	82	867389	78.27	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	619119	106.99	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1668950	71.62	ng	0.00
78) Terphenyl-d14	20.20	244	2625796	71.85	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	461632	16.79	ng	Qvalue # 96

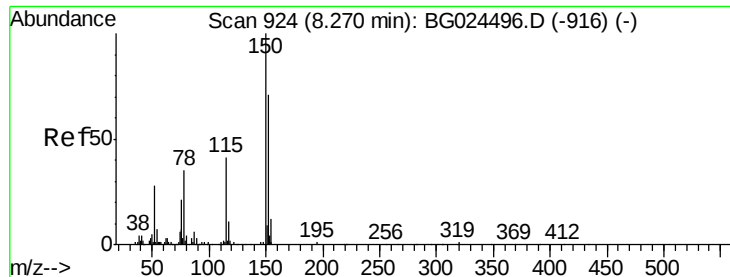
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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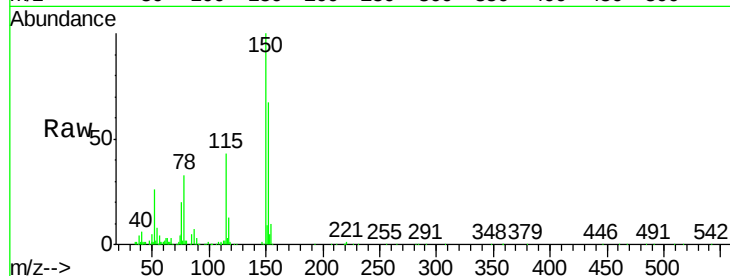


#1

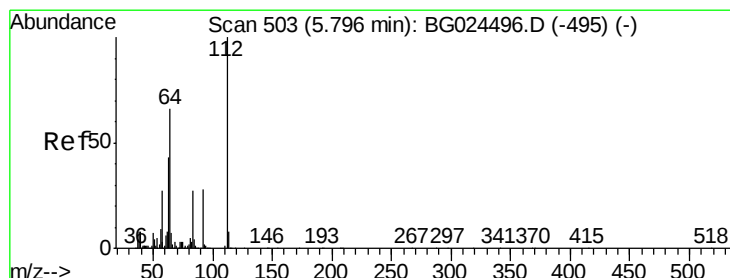
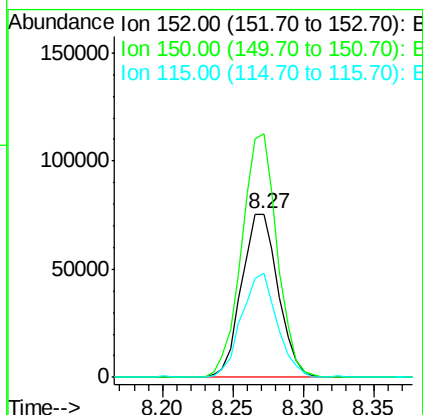
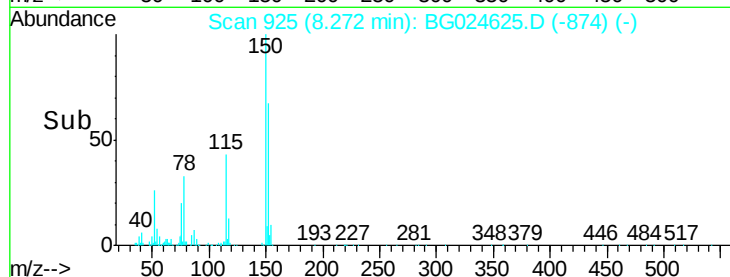
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG024625.D
Acq: 2 Nov 2016 12:47

Instrument :
BNA_G
ClientSampleId :
SB-77-16.5-17.0

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.0	114.0	171.0
115	63.6	48.1	72.1



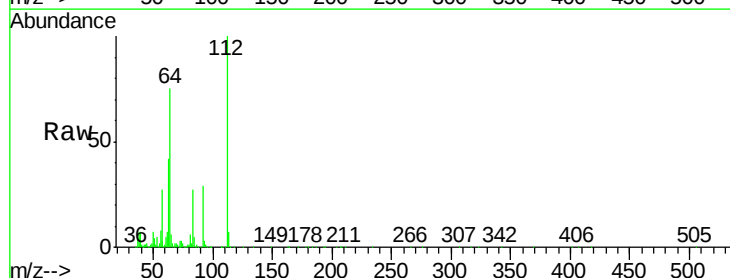
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



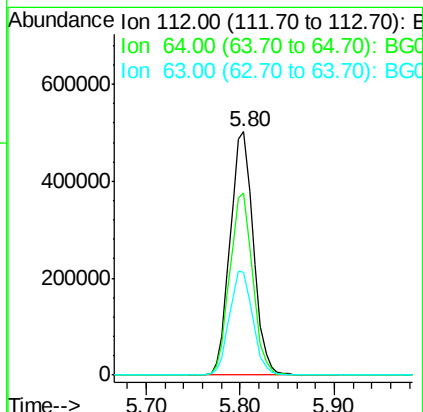
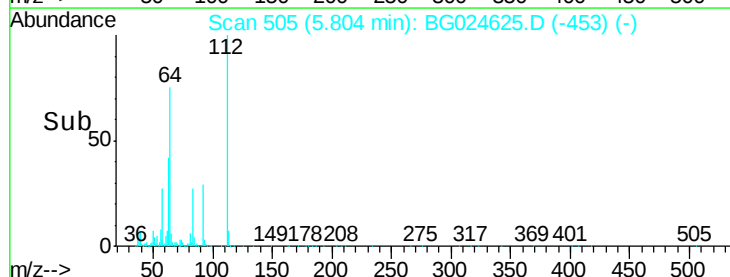
#5

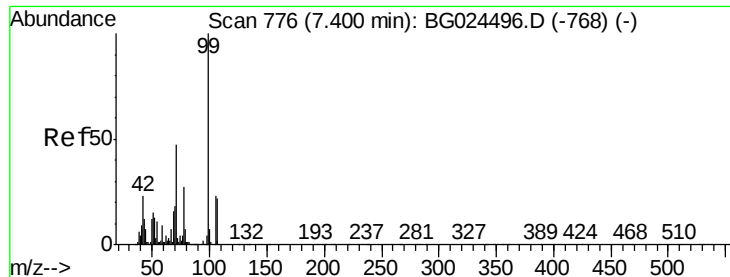
2-Fluorophenol
Concen: 103.21 ng
RT: 5.80 min Scan# 505
Delta R.T. 0.01 min
Lab File: BG024625.D
Acq: 2 Nov 2016 12:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.7	61.8	92.6
63	42.3	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: 109.09 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024625.D

Acq: 2 Nov 2016 12:47

Instrument :

BNA_G

ClientSampleId :

SB-77-16.5-17.0

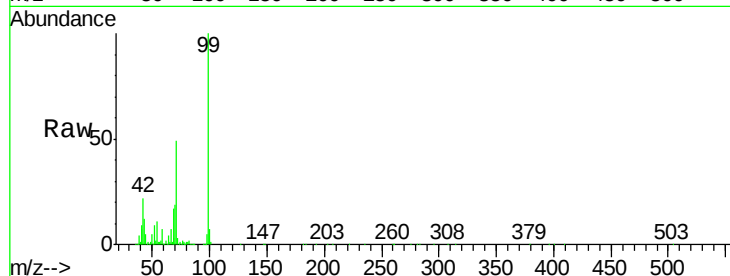
Tgt Ion: 99 Resp: 1251393

Ion Ratio Lower Upper

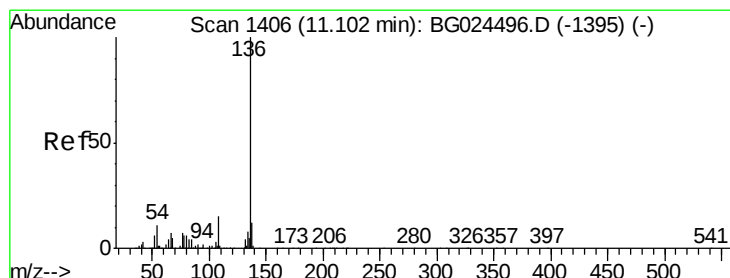
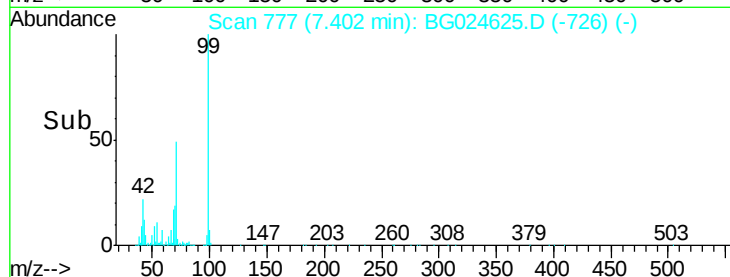
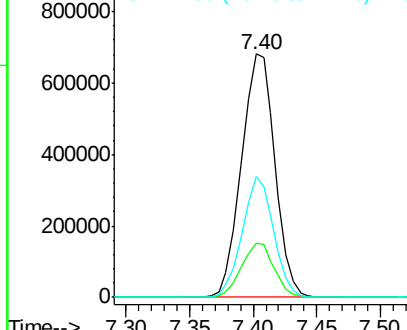
99 100

42 22.3 20.5 30.7

71 49.4 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.10 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG024625.D

Acq: 2 Nov 2016 12:47

Tgt Ion: 136 Resp: 504582

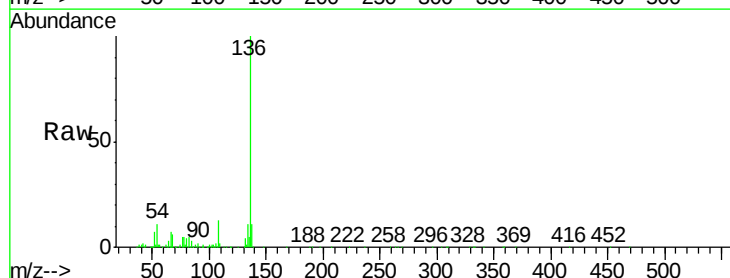
Ion Ratio Lower Upper

136 100

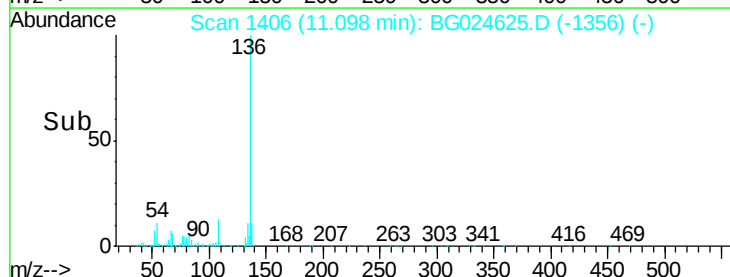
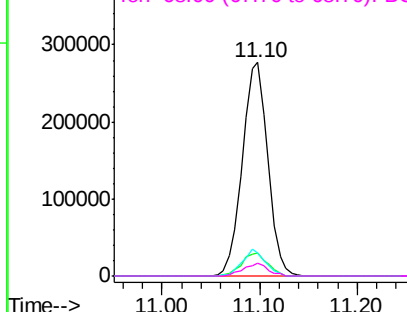
137 10.8 8.9 13.3

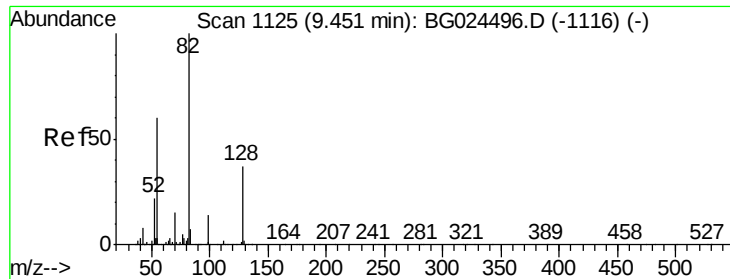
54 11.0 9.3 13.9

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

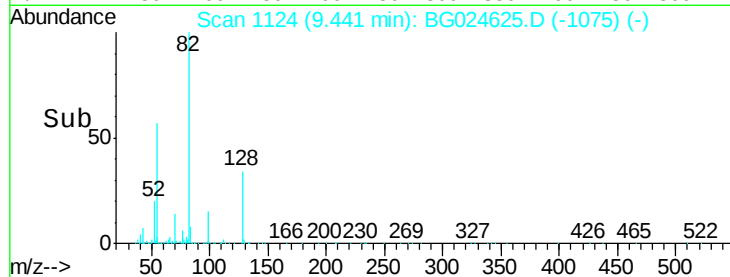
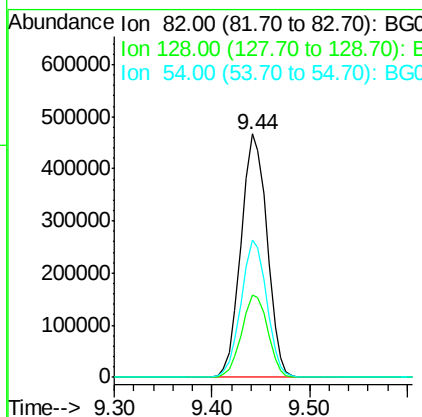
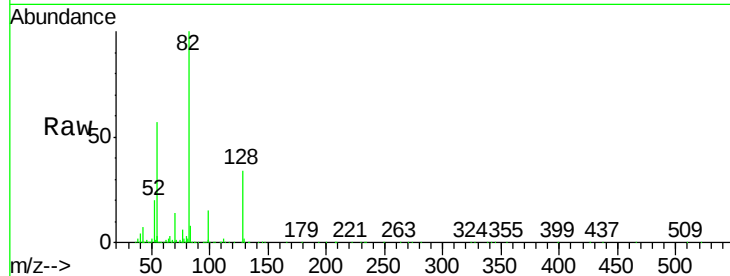




#23
 Nitrobenzene-d5
 Concen: 78.27 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024625.D
 Acq: 2 Nov 2016 12:47

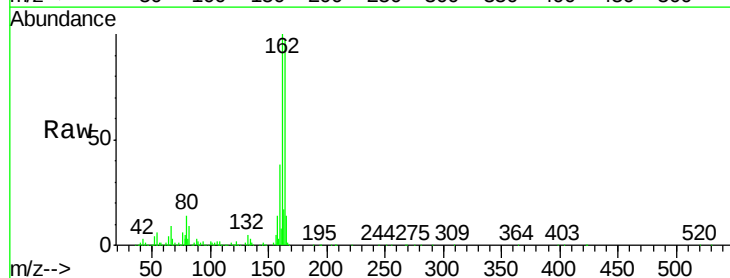
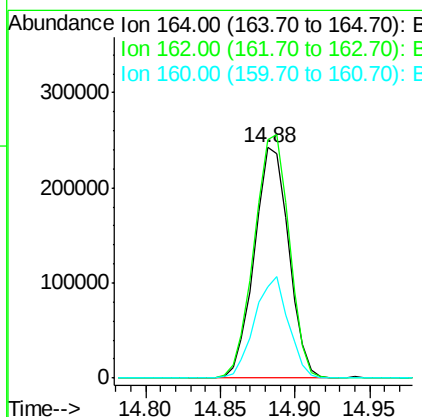
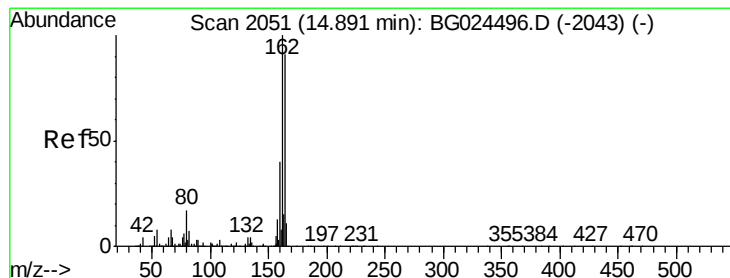
Instrument :
 BNA_G
 ClientSampleId :
 SB-77-16.5-17.0

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.6	26.4	39.6
54	56.6	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024625.D
 Acq: 2 Nov 2016 12:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.1	127.7
160	39.7	34.7	52.1

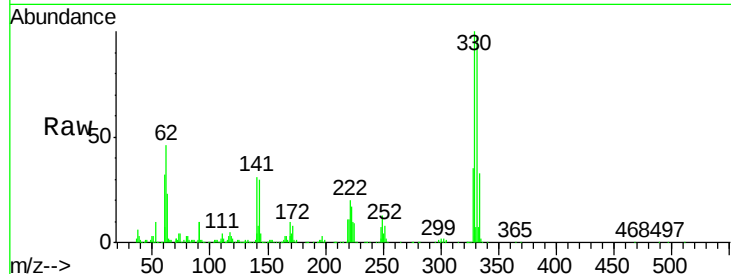




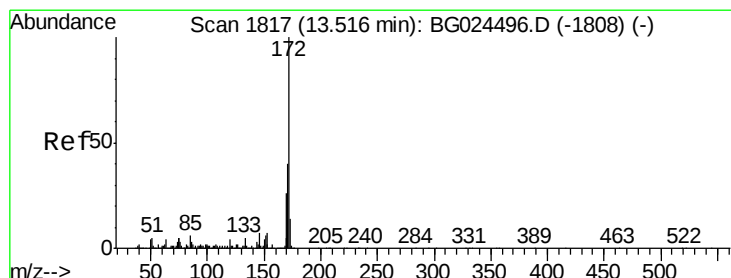
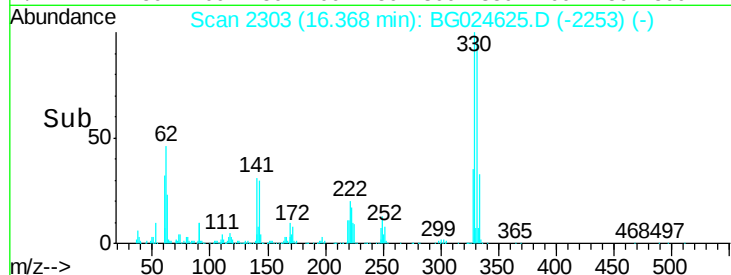
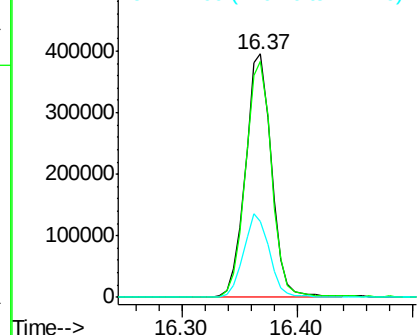
#41
 2,4,6-Tribromophenol
 Concen: 106.99 ng
 RT: 16.37 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG024625.D
 Acq: 2 Nov 2016 12:47

Instrument :
 BNA_G
 ClientSampleId :
 SB-77-16.5-17.0

Tgt Ion:330 Resp: 619119
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 33.8 32.1 48.1

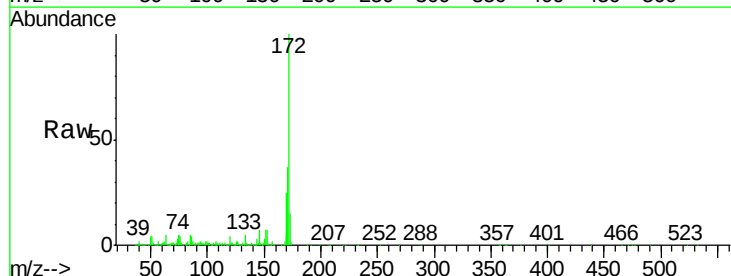


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

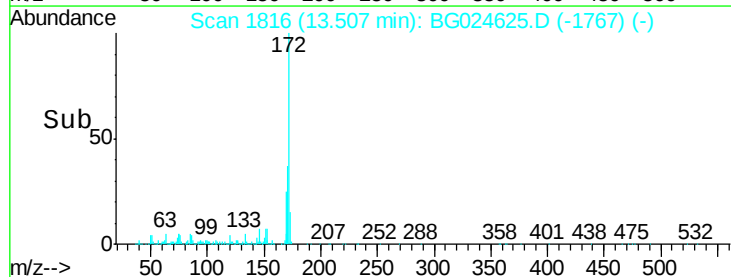
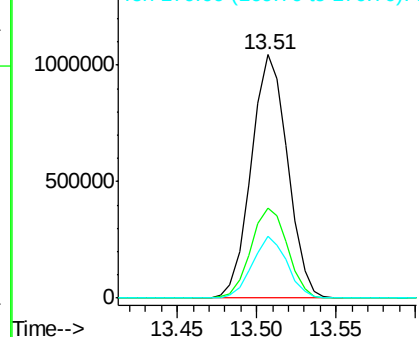


#44
 2-Fluorobiphenyl
 Concen: 71.62 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024625.D
 Acq: 2 Nov 2016 12:47

Tgt Ion:172 Resp: 1668950
 Ion Ratio Lower Upper
 172 100
 171 37.0 32.2 48.2
 170 25.4 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: 16.79 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BG024625.D

Acq: 2 Nov 2016 12:47

Instrument :

BNA_G

ClientSampleId :

SB-77-16.5-17.0

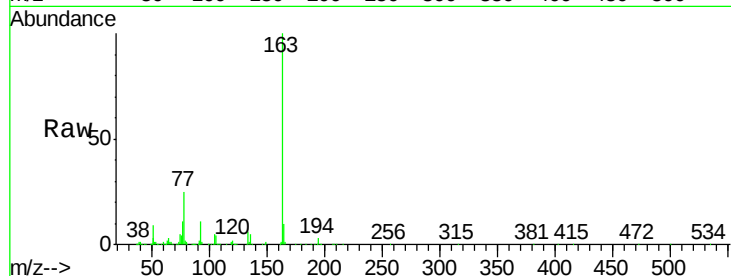
Tgt Ion:163 Resp: 461632

Ion Ratio Lower Upper

163 100

194 3.3 3.8 5.6#

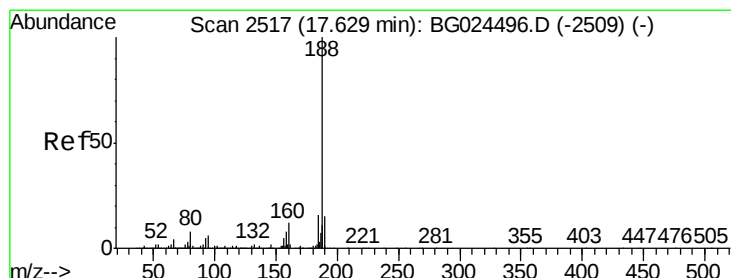
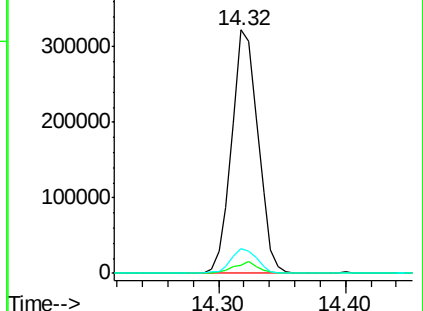
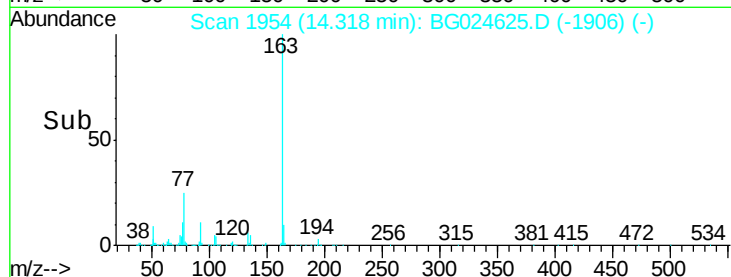
164 10.2 9.3 13.9



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: BG024625.D

Acq: 2 Nov 2016 12:47

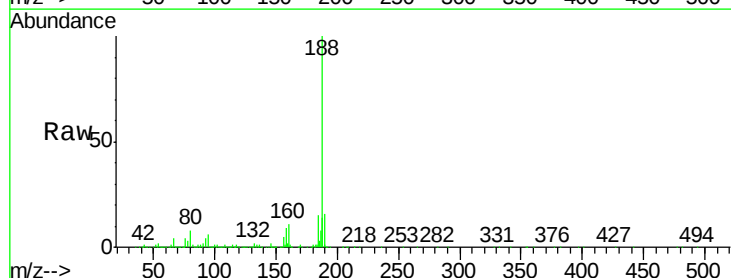
Tgt Ion:188 Resp: 846208

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

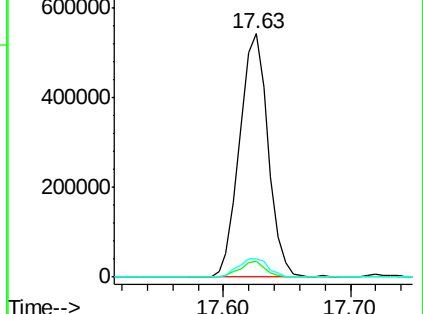
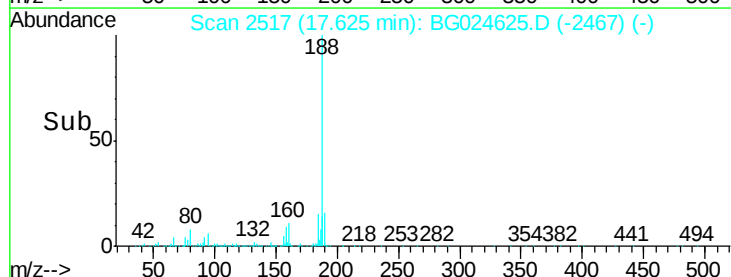
80 7.5 7.5 11.3

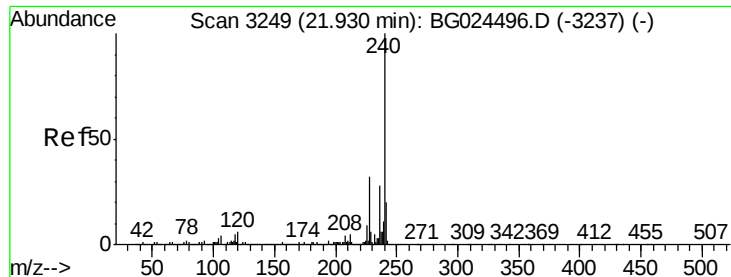


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.91 min Scan# 3247

Delta R.T. -0.02 min

Lab File: BG024625.D

Acq: 2 Nov 2016 12:47

Instrument :

BNA_G

ClientSampleId :

SB-77-16.5-17.0

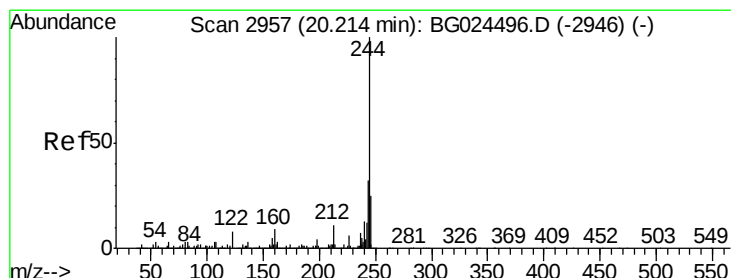
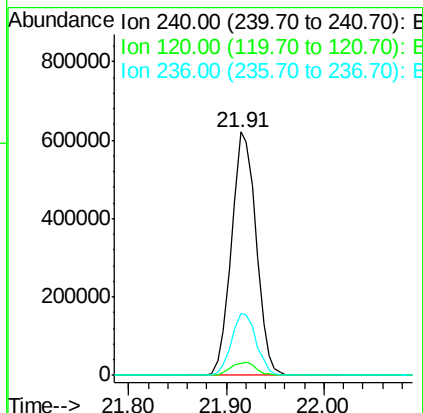
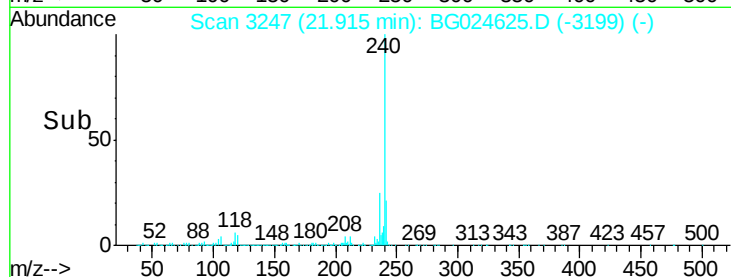
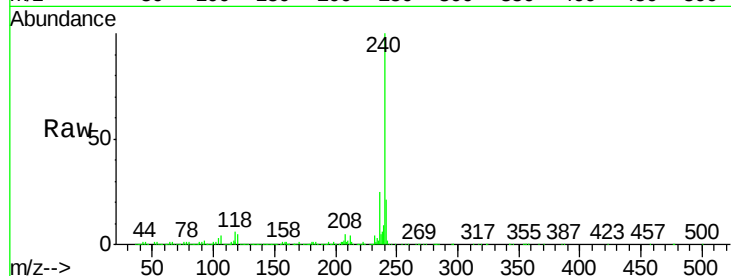
Tgt Ion:240 Resp: 1092034

Ion Ratio Lower Upper

240 100

120 5.1 5.7 8.5#

236 25.5 22.2 33.4



#78

Terphenyl-d14

Concen: 71.85 ng

RT: 20.20 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024625.D

Acq: 2 Nov 2016 12:47

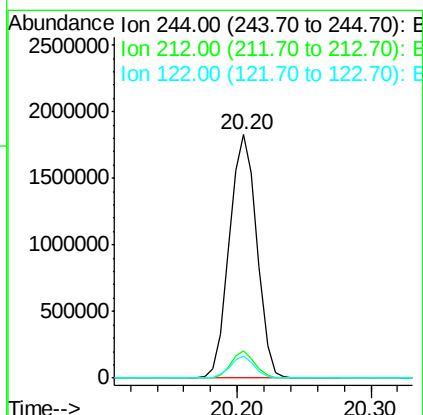
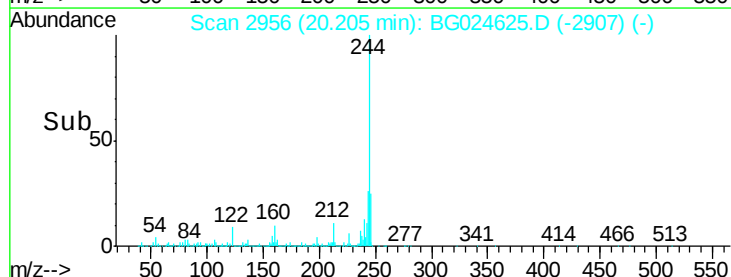
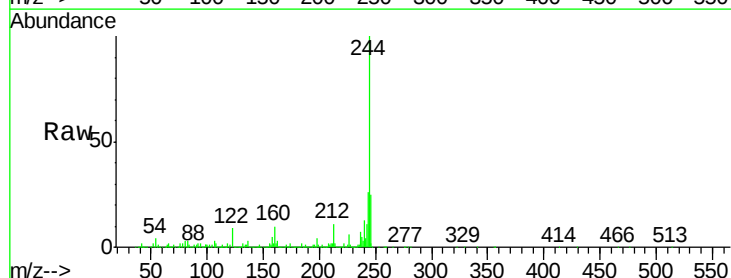
Tgt Ion:244 Resp: 2625796

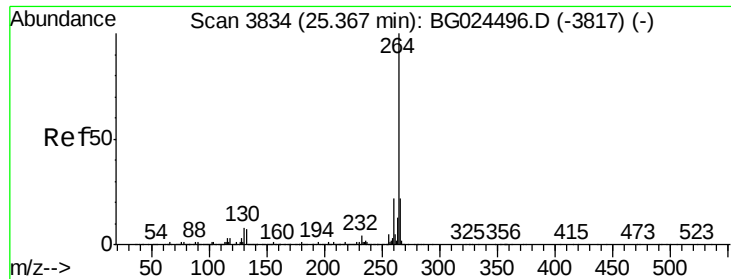
Ion Ratio Lower Upper

244 100

212 11.0 10.0 15.0

122 9.2 8.6 12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3832
Delta R.T. -0.02 min
Lab File: BG024625.D
Acq: 2 Nov 2016 12:47

Instrument :
BNA_G
ClientSampleId :
SB-77-16.5-17.0

Tgt Ion: 264 Resp: 1141114

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	21.1	18.2	27.4

