

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110116\
 Data File : BG024624.D
 Acq On : 2 Nov 2016 12:09
 Operator : UM/SJ
 Sample : H5489-20RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-77-0.5-1.0

Quant Time: Nov 02 13:24:08 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

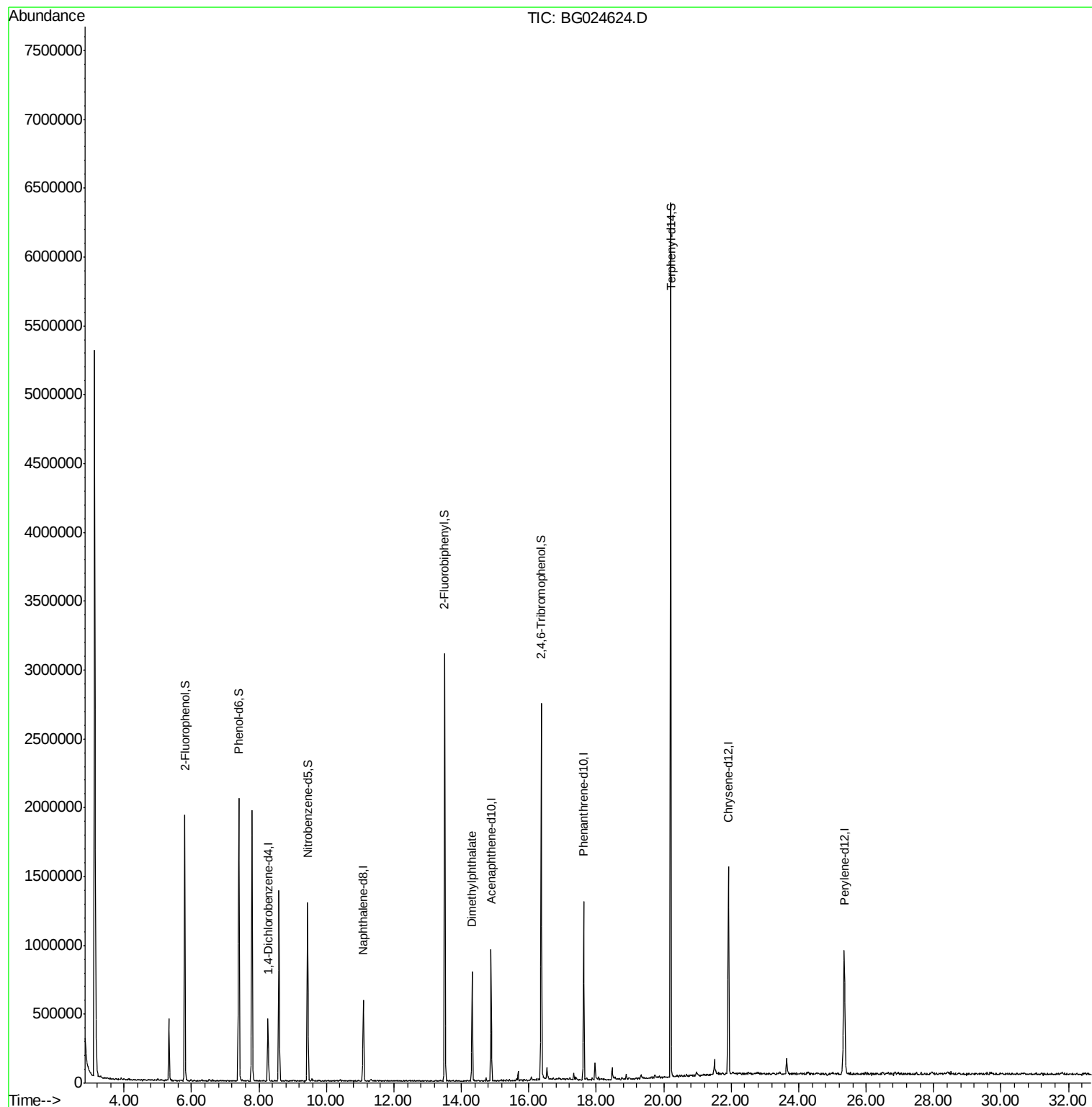
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	122081	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	479822	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	350115	20.00	ng	-0.01
63) Phenanthrene-d10	17.62	188	777879	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1081787	20.00	ng	-0.01
86) Perylene-d12	25.34	264	1121689	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	792063	106.34	ng	0.00
7) Phenol-d6	7.41	99	1151428	112.69	ng	0.00
23) Nitrobenzene-d5	9.45	82	831596	78.91	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	556944	106.48	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1587236	75.35	ng	0.00
78) Terphenyl-d14	20.20	244	2667200	73.67	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.32	163	489370	19.69	ng	Qvalue 97

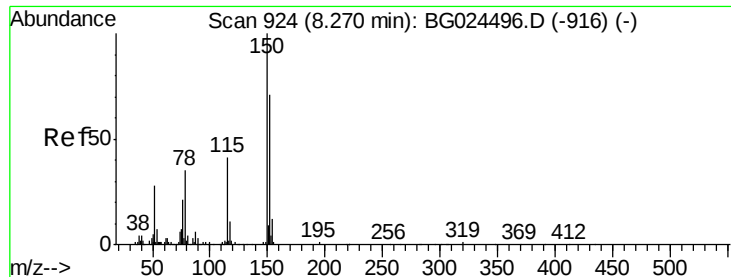
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024624.D

Acq: 2 Nov 2016 12:09

Instrument :

BNA_G

ClientSampleId :

SB-77-0.5-1.0

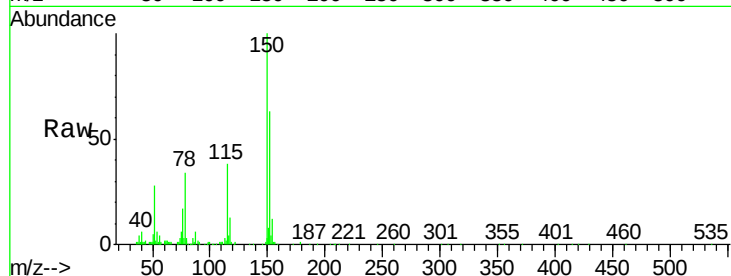
Tgt Ion:152 Resp: 122081

Ion Ratio Lower Upper

152 100

150 159.1 114.0 171.0

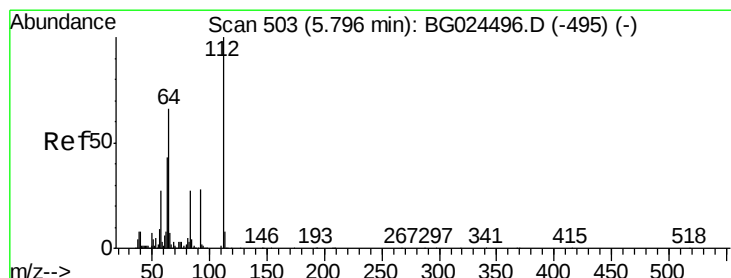
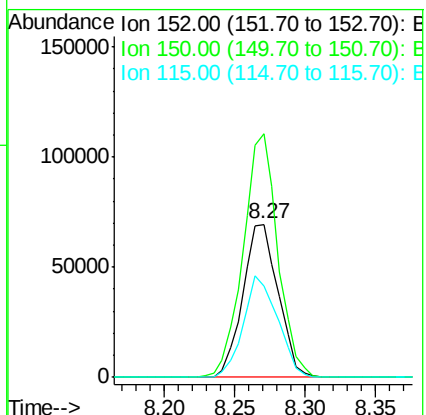
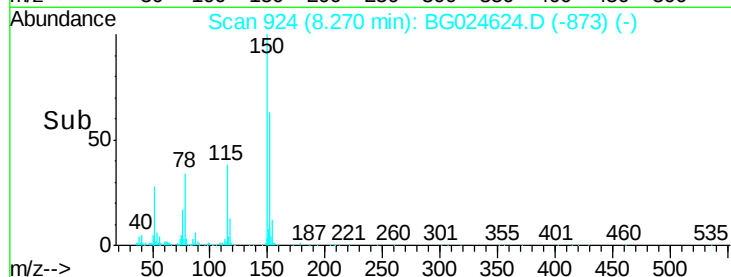
115 60.0 48.1 72.1



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: 106.34 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.01 min

Lab File: BG024624.D

Acq: 2 Nov 2016 12:09

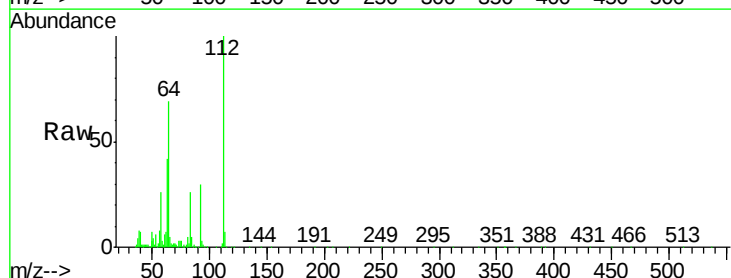
Tgt Ion:112 Resp: 792063

Ion Ratio Lower Upper

112 100

64 69.3 61.8 92.6

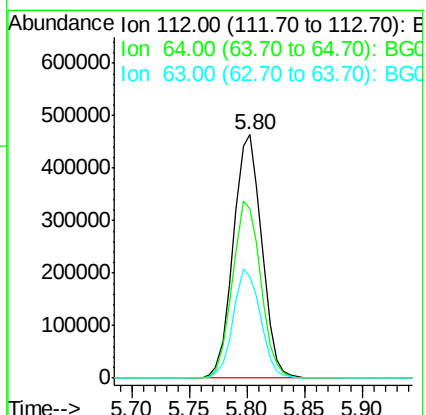
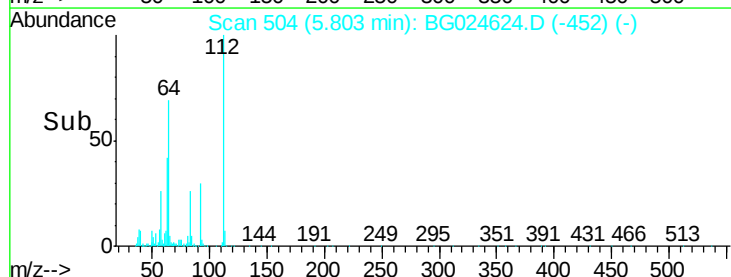
63 41.6 37.2 55.8



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: 112.69 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG024624.D

Acq: 2 Nov 2016 12:09

Instrument :

BNA_G

ClientSampleId :

SB-77-0.5-1.0

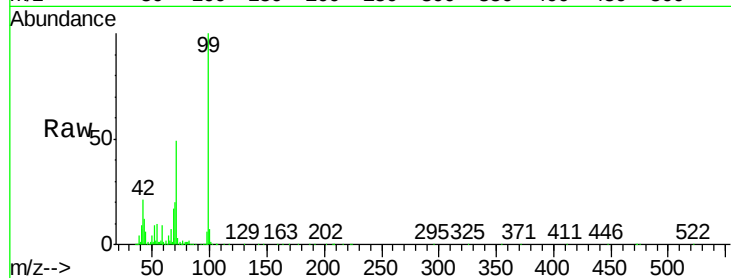
Tgt Ion: 99 Resp: 1151428

Ion Ratio Lower Upper

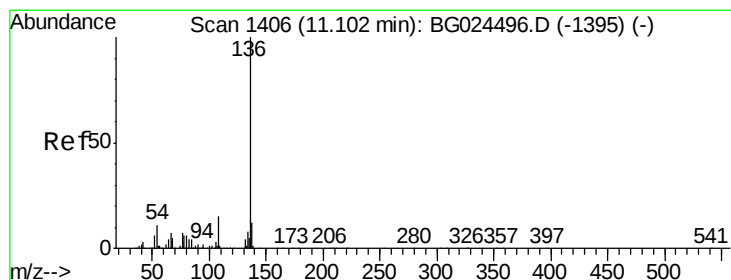
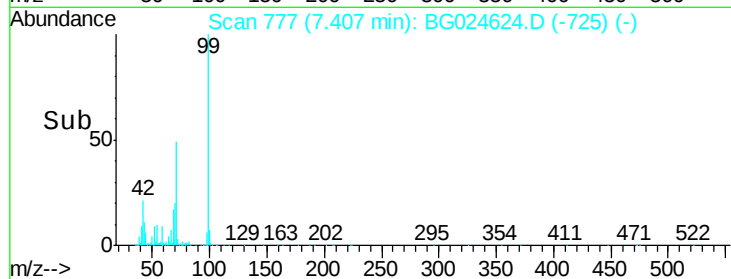
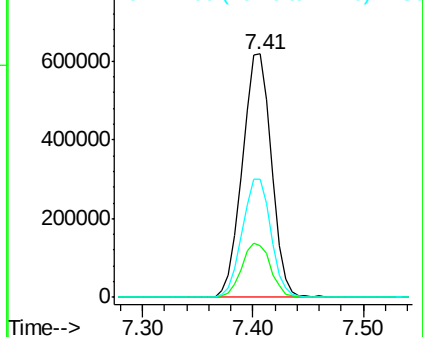
99 100

42 21.3 20.5 30.7

71 48.6 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# 1405

Delta R.T. -0.01 min

Lab File: BG024624.D

Acq: 2 Nov 2016 12:09

Tgt Ion: 136 Resp: 479822

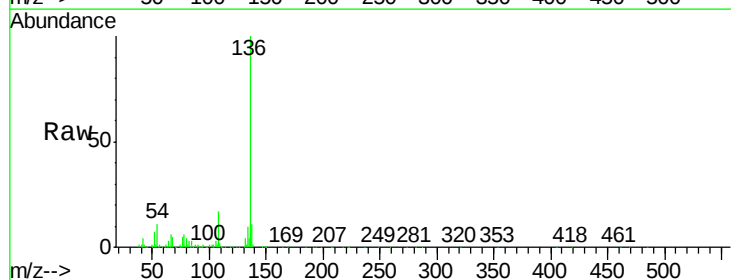
Ion Ratio Lower Upper

136 100

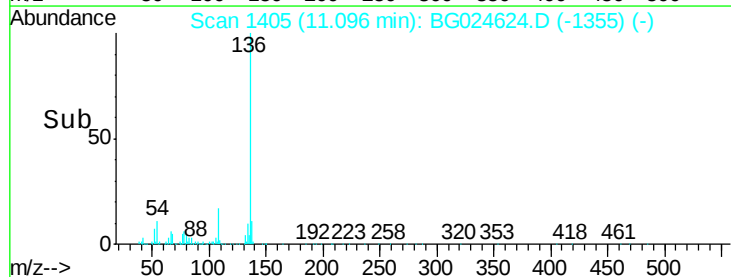
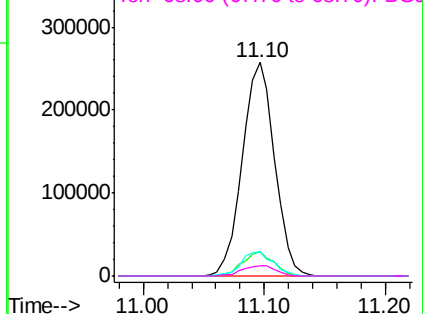
137 11.4 8.9 13.3

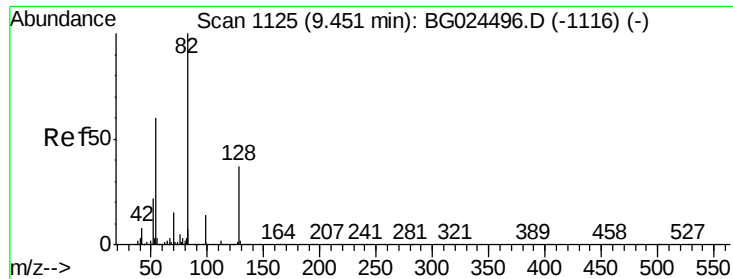
54 11.3 9.3 13.9

68 4.7 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

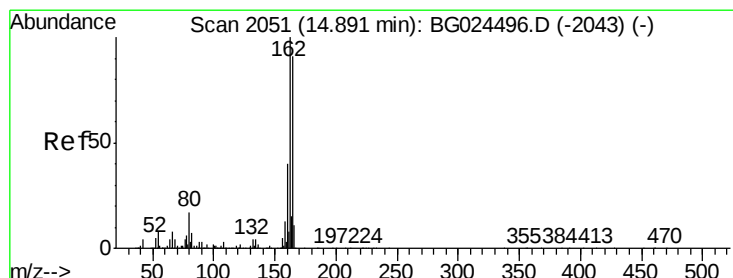
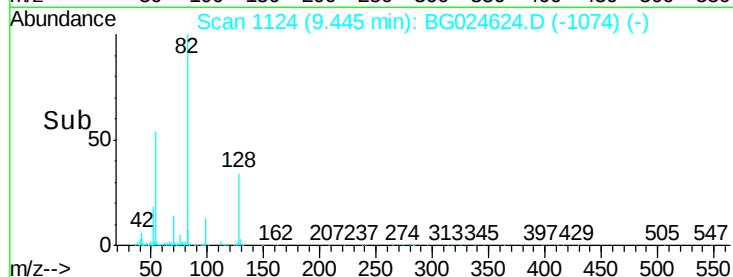
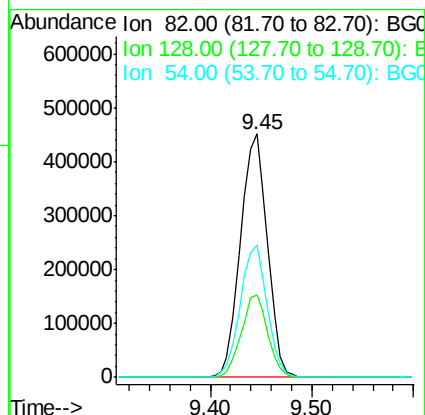
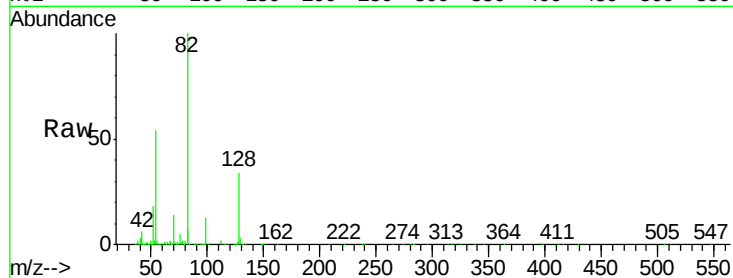




#23
 Nitrobenzene-d5
 Concen: 78.91 ng
 RT: 9.45 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024624.D
 Acq: 2 Nov 2016 12:09

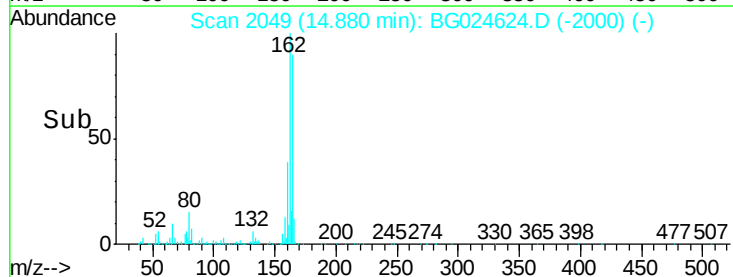
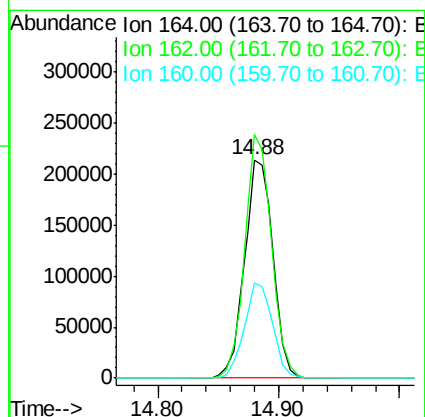
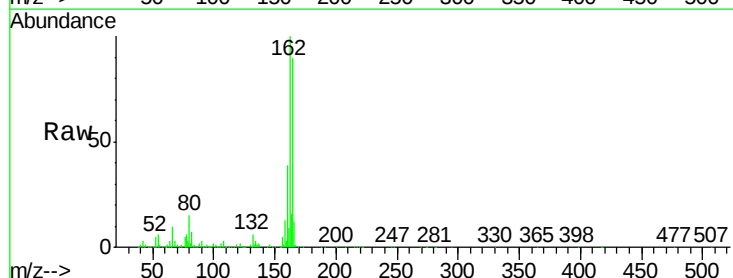
Instrument :
 BNA_G
 ClientSampleId :
 SB-77-0.5-1.0

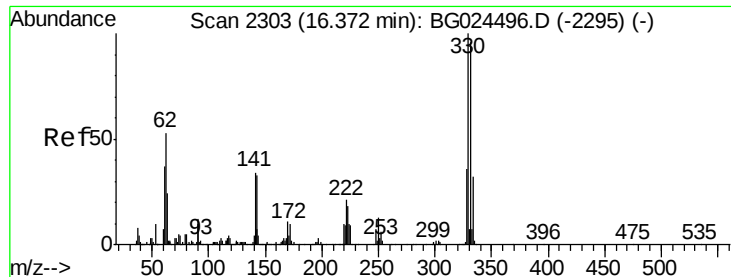
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.9	26.4	39.6
54	54.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BG024624.D
 Acq: 2 Nov 2016 12:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	111.4	85.1	127.7
160	43.5	34.7	52.1

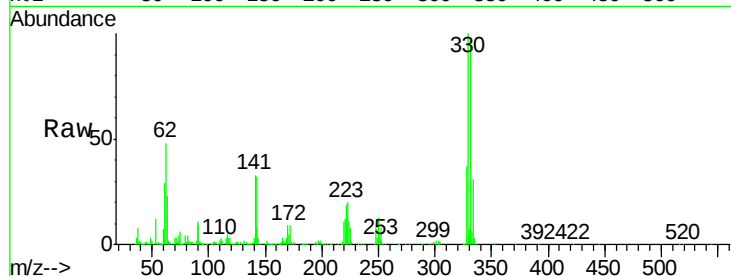




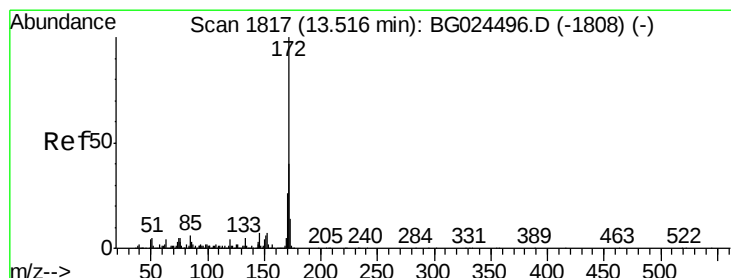
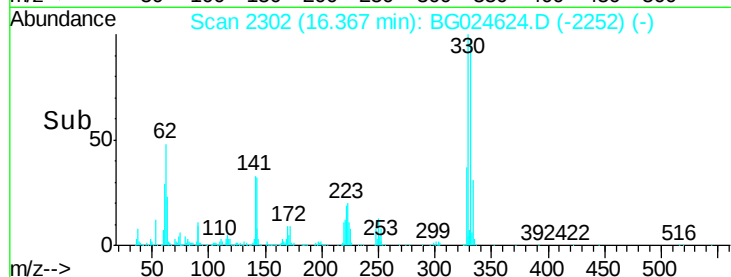
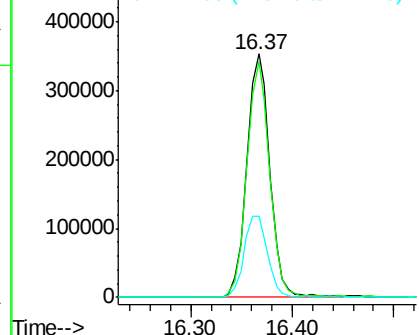
#41
2,4,6-Tribromophenol
Concen: 106.48 ng
RT: 16.37 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024624.D
Acq: 2 Nov 2016 12:09

Instrument :
BNA_G
ClientSampleId :
SB-77-0.5-1.0

Tgt Ion:330 Resp: 556944
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 33.9 32.1 48.1

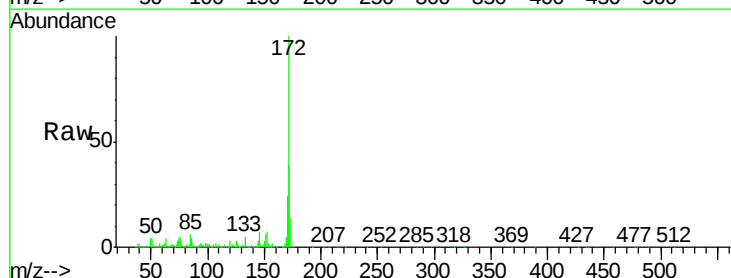


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

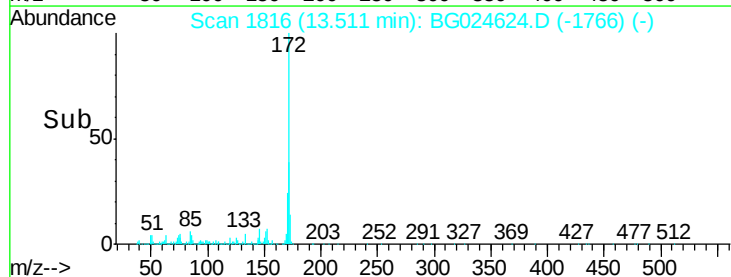
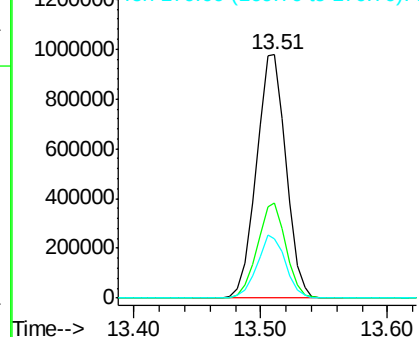


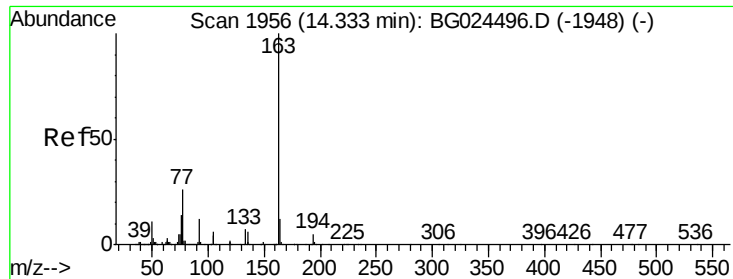
#44
2-Fluorobiphenyl
Concen: 75.35 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024624.D
Acq: 2 Nov 2016 12:09

Tgt Ion:172 Resp: 1587236
Ion Ratio Lower Upper
172 100
171 39.0 32.2 48.2
170 24.4 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: 19.69 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024624.D

Acq: 2 Nov 2016 12:09

Instrument :

BNA_G

ClientSampleId :

SB-77-0.5-1.0

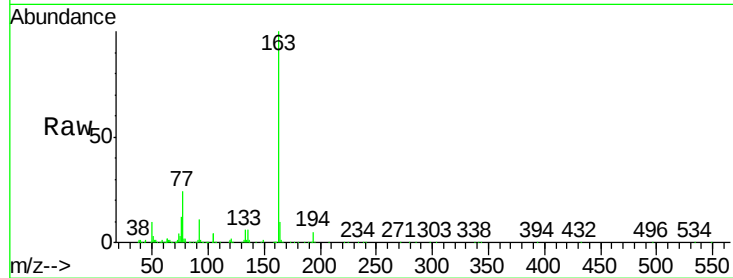
Tgt Ion:163 Resp: 489370

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

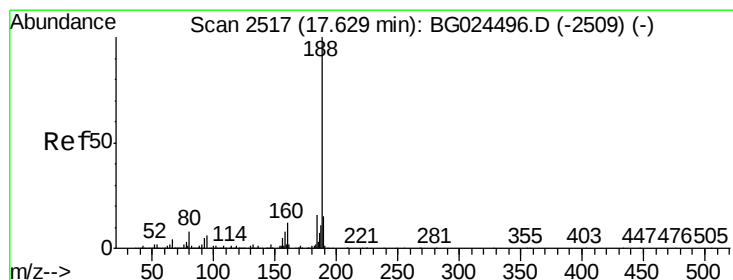
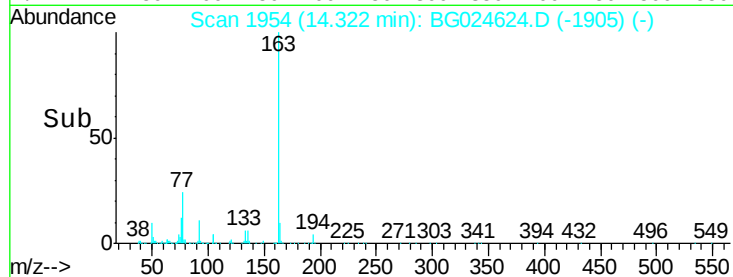
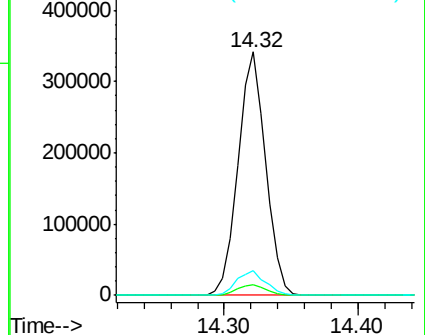
164 9.9 9.3 13.9



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: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024624.D

Acq: 2 Nov 2016 12:09

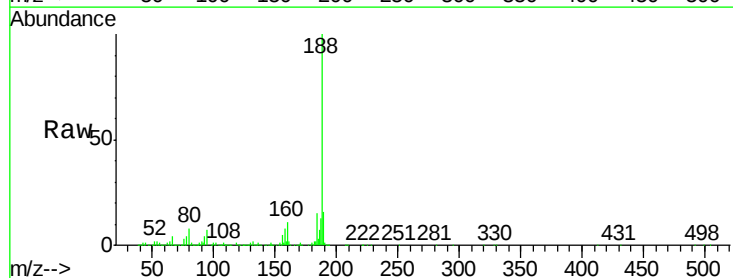
Tgt Ion:188 Resp: 777879

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.8

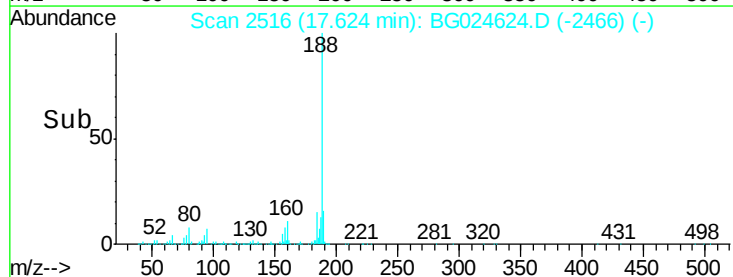
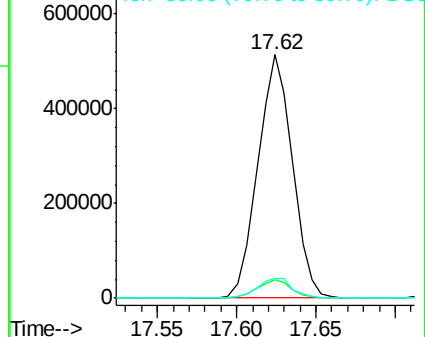
80 8.1 7.5 11.3

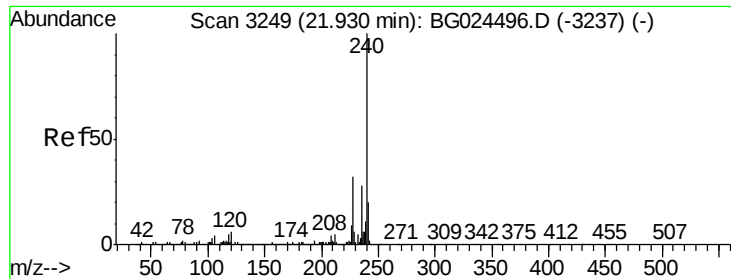


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

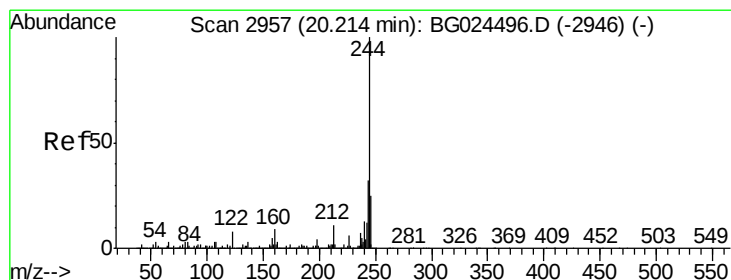
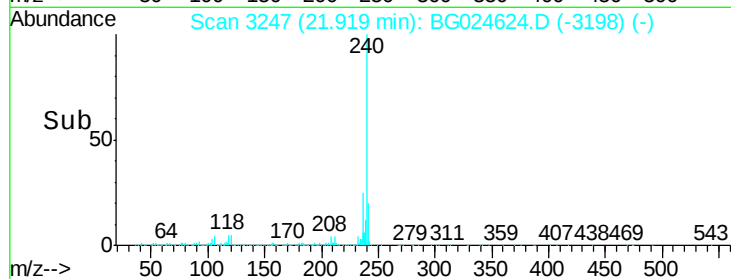
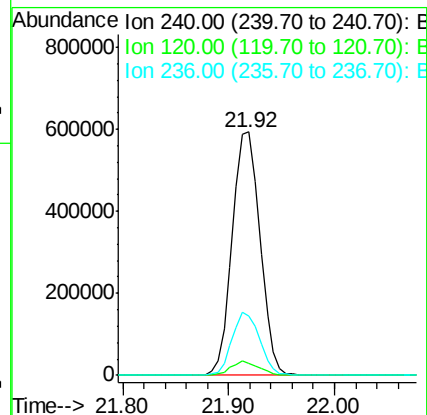
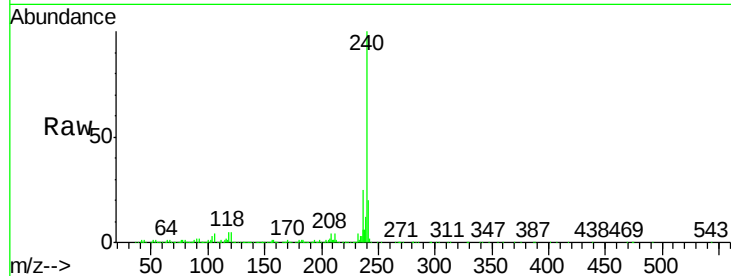




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024624.D
Acq: 2 Nov 2016 12:09

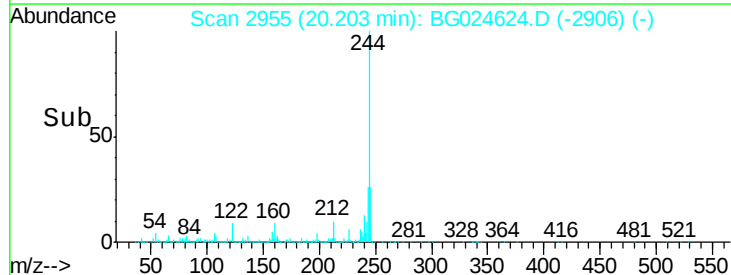
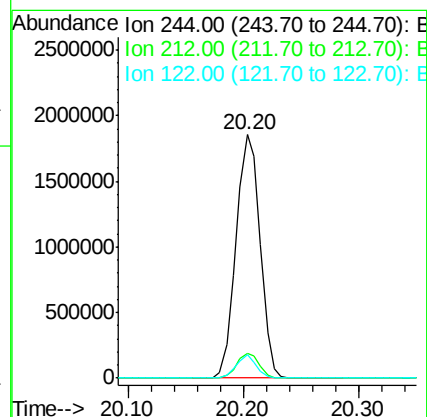
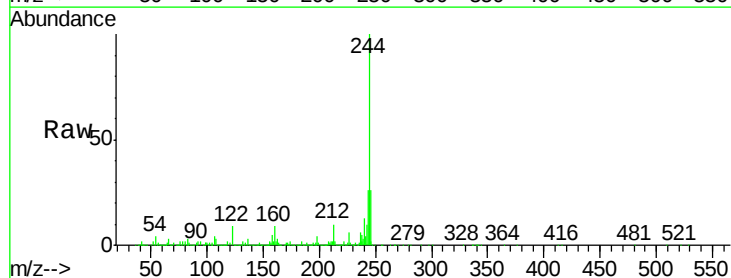
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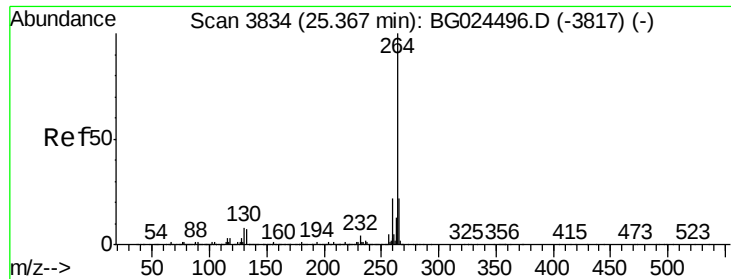
Tgt Ion:240 Resp: 1081787
Ion Ratio Lower Upper
240 100
120 5.1 5.7 8.5#
236 24.5 22.2 33.4



#78
Terphenyl-d14
Concen: 73.67 ng
RT: 20.20 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BG024624.D
Acq: 2 Nov 2016 12:09

Tgt Ion:244 Resp: 2667200
Ion Ratio Lower Upper
244 100
212 10.0 10.0 15.0
122 9.5 8.6 12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.34 min Scan# 3830
Delta R.T. -0.02 min
Lab File: BG024624.D
Acq: 2 Nov 2016 12:09

Instrument :
BNA_G
ClientSampleId :
SB-77-0.5-1.0

Tgt Ion: 264 Resp: 1121689

Ion	Ratio	Lower	Upper
264	100		
260	22.7	21.8	32.8
265	22.3	18.2	27.4

