

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024564.D
 Acq On : 31 Oct 2016 20:05
 Operator : UM/SJ
 Sample : H5477-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW-5

Quant Time: Nov 01 11:57:13 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:50:40 2016
 Response via : Initial Calibration

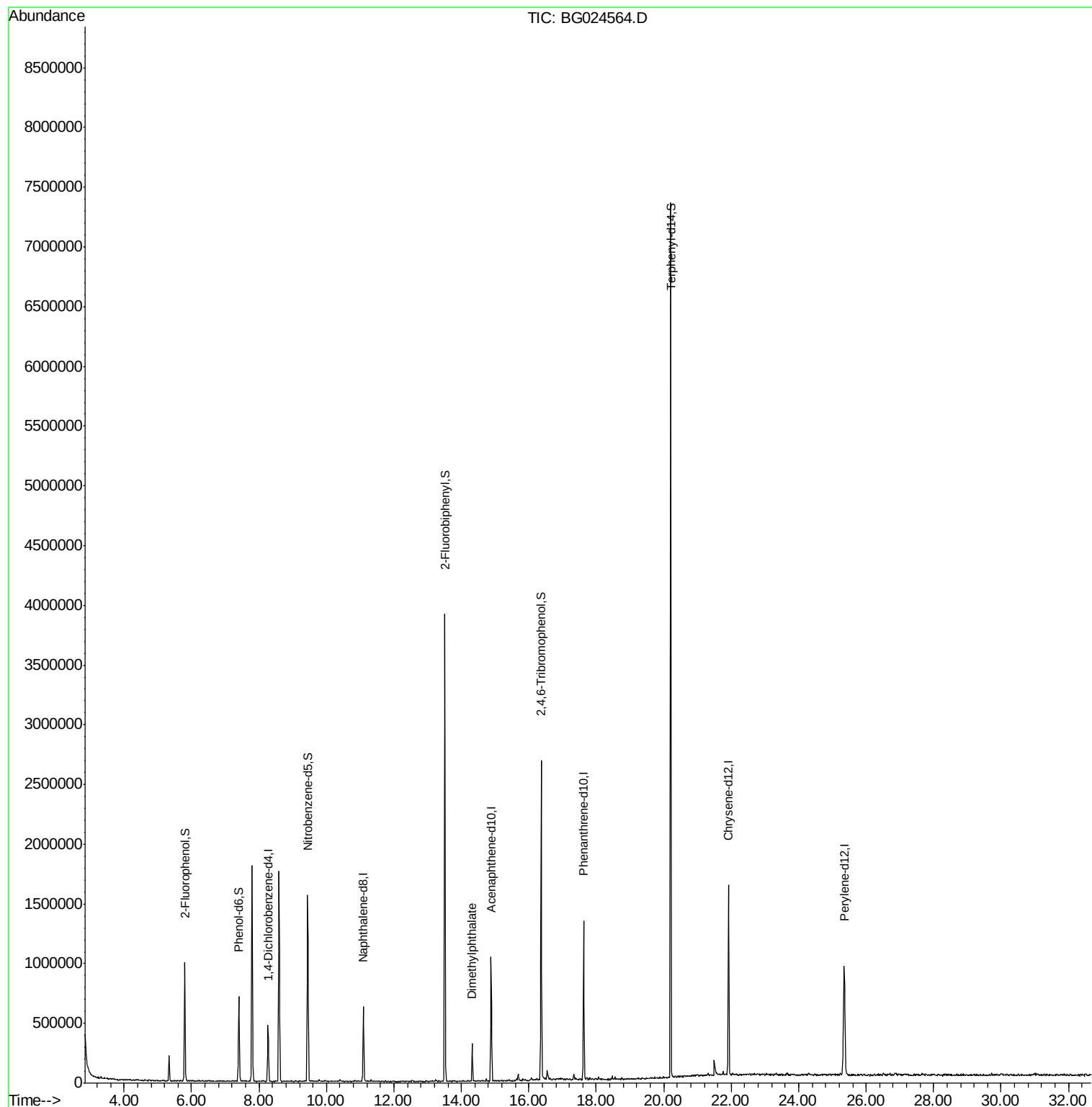
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	124345	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	493496	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	378300	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	794517	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1073773	20.00	ng	0.00
86) Perylene-d12	25.35	264	1133381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	402388	53.04	ng	0.00
7) Phenol-d6	7.40	99	384119	36.91	ng	0.00
23) Nitrobenzene-d5	9.44	82	998051	92.08	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	535732	94.79	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2014835	88.52	ng	0.00
78) Terphenyl-d14	20.21	244	3025180	84.19	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	196784	7.33	ng	Qvalue 99

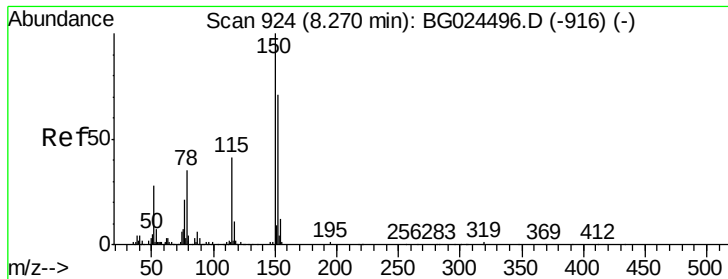
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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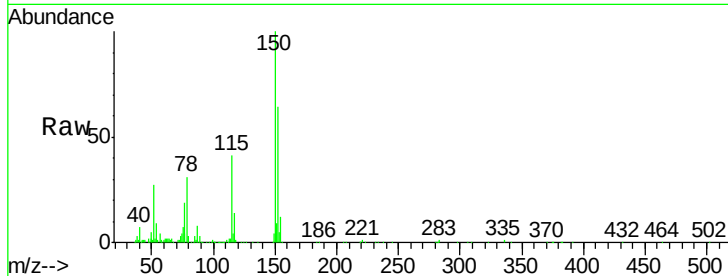


#1

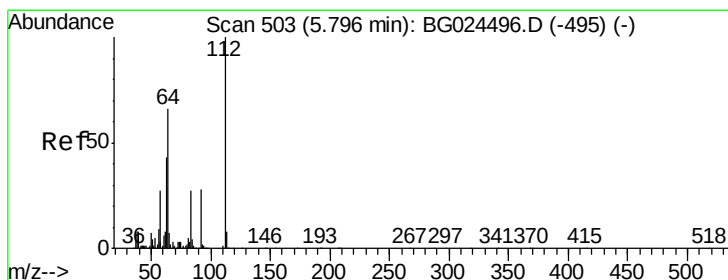
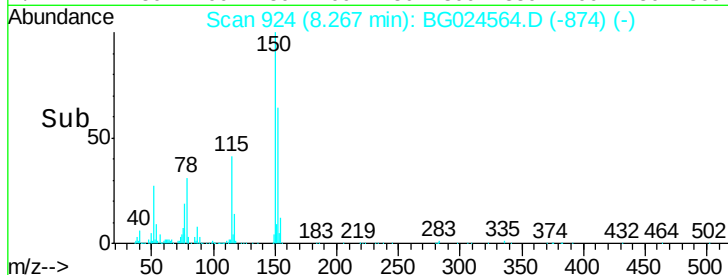
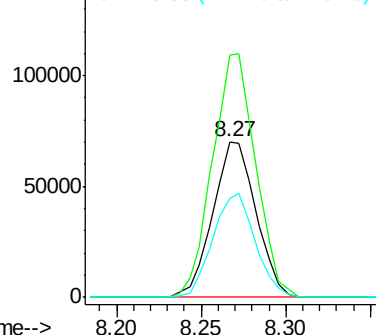
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG024564.D
Acq: 31 Oct 2016 20:05

Instrument :
BNA_G
ClientSampled :
SW-5

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.6	114.0	171.0
115	63.5	48.1	72.1



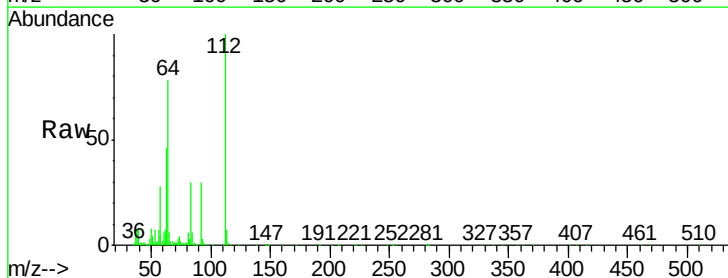
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



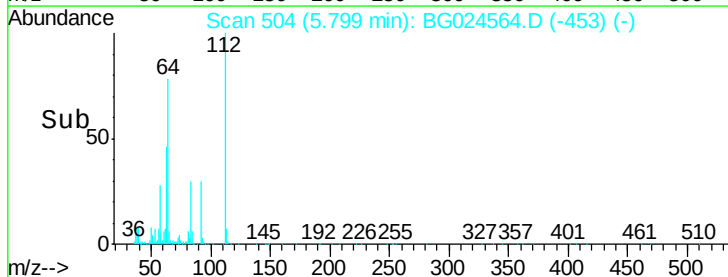
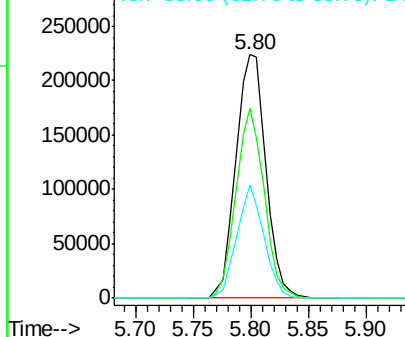
#5

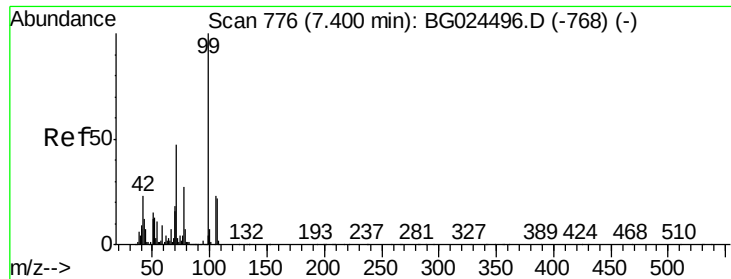
2-Fluorophenol
Concen: 53.04 ng
RT: 5.80 min Scan# 504
Delta R.T. -0.00 min
Lab File: BG024564.D
Acq: 31 Oct 2016 20:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.9	61.8	92.6
63	46.3	37.2	55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 36.91 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024564.D

Acq: 31 Oct 2016 20:05

Instrument :

BNA_G

ClientSampleId :

SW-5

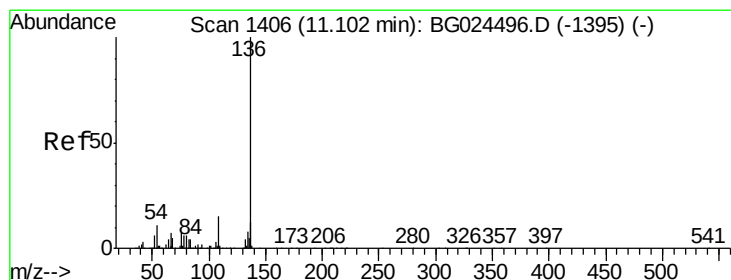
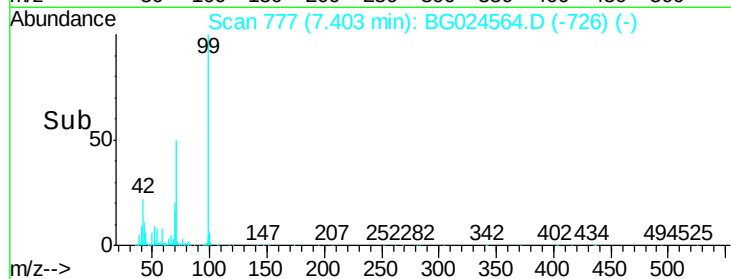
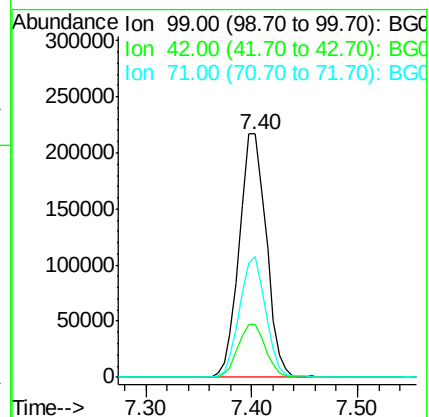
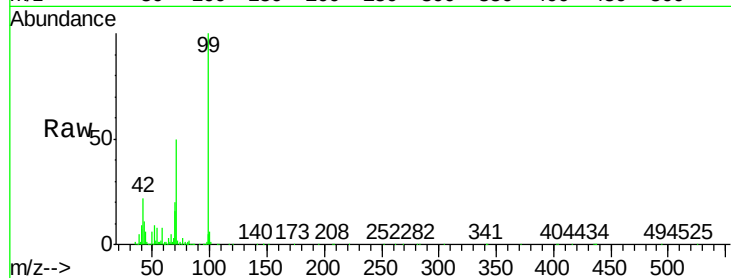
Tgt Ion: 99 Resp: 384119

Ion Ratio Lower Upper

99 100

42 21.8 20.5 30.7

71 49.8 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.10 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG024564.D

Acq: 31 Oct 2016 20:05

Tgt Ion: 136 Resp: 493496

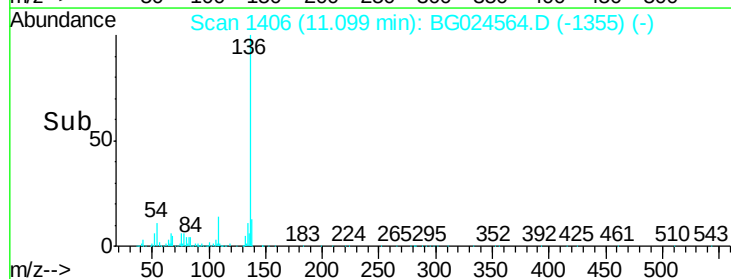
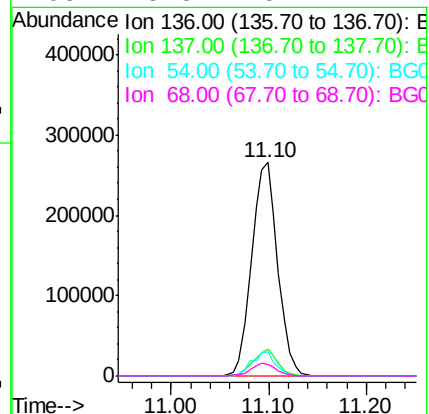
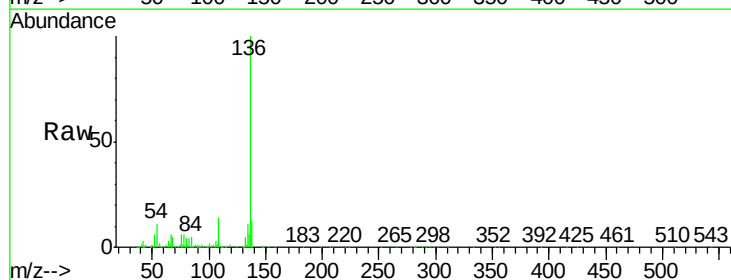
Ion Ratio Lower Upper

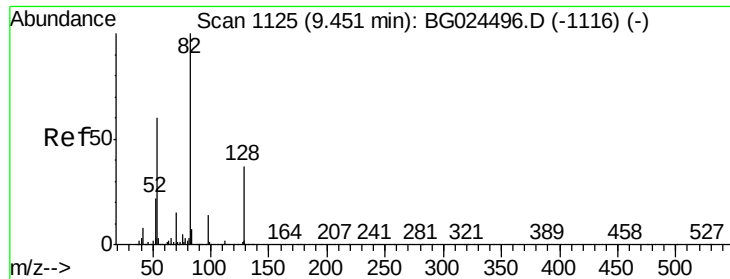
136 100

137 12.6 8.9 13.3

54 11.5 9.3 13.9

68 5.3 5.1 7.7

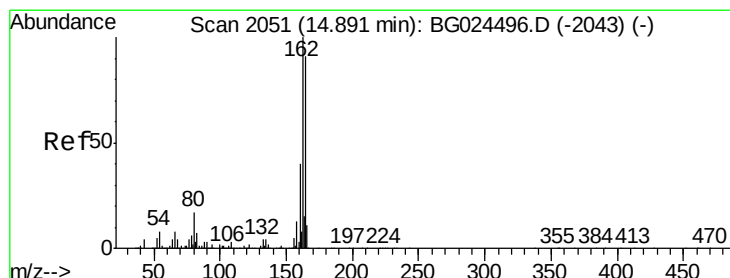
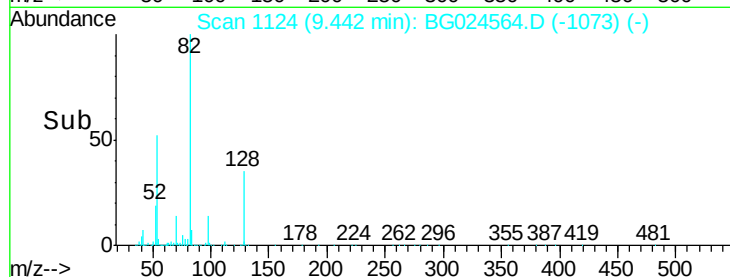
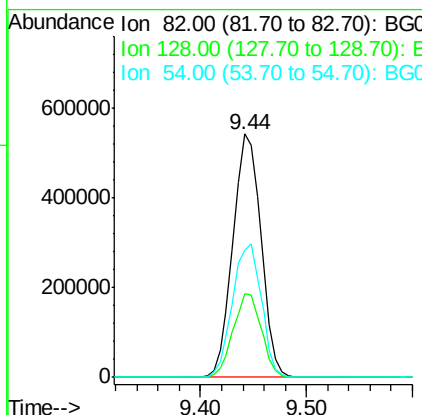
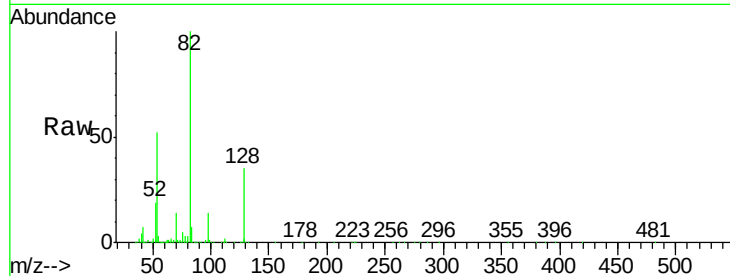




#23
 Nitrobenzene-d5
 Concen: 92.08 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BG024564.D
 Acq: 31 Oct 2016 20:05

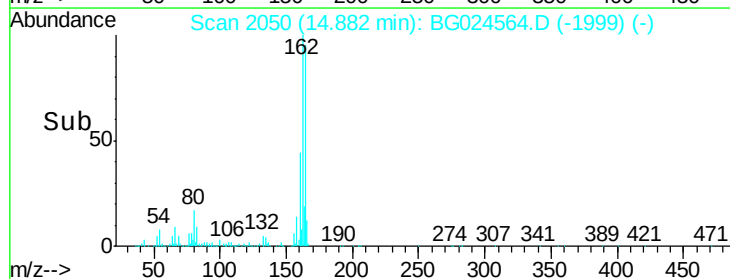
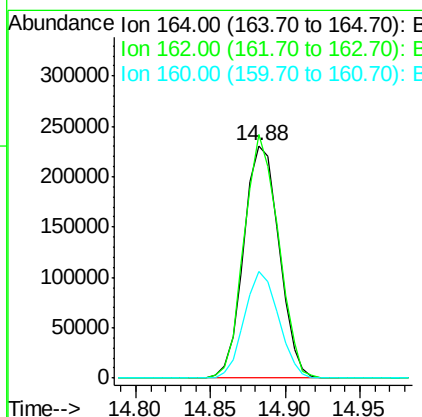
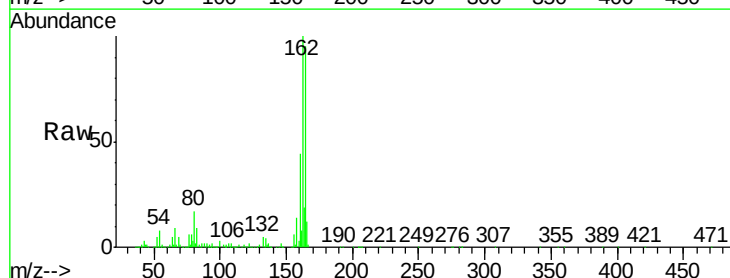
Instrument :
 BNA_G
 ClientSampleId :
 SW-5

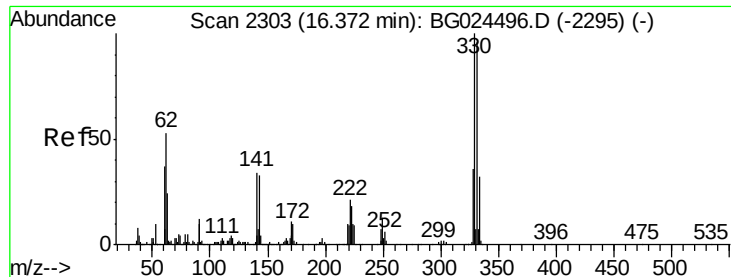
Tgt Ion: 82 Resp: 998051
 Ion Ratio Lower Upper
 82 100
 128 34.6 26.4 39.6
 54 52.2 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BG024564.D
 Acq: 31 Oct 2016 20:05

Tgt Ion: 164 Resp: 378300
 Ion Ratio Lower Upper
 164 100
 162 104.8 85.1 127.7
 160 46.0 34.7 52.1

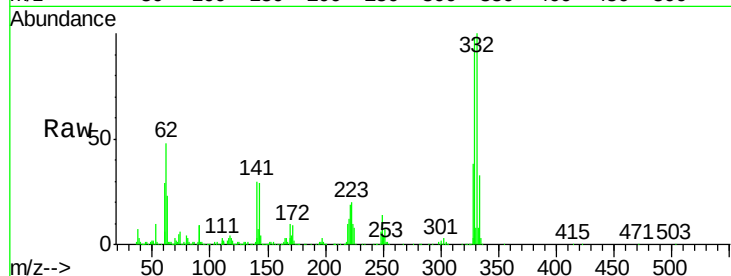




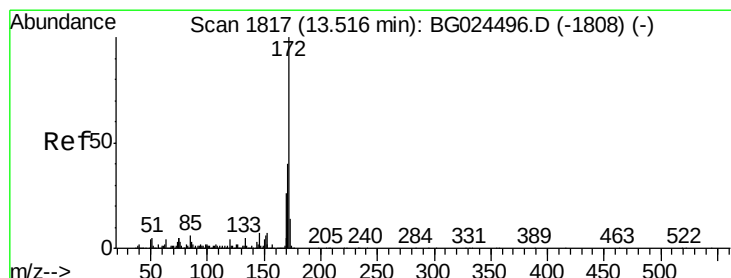
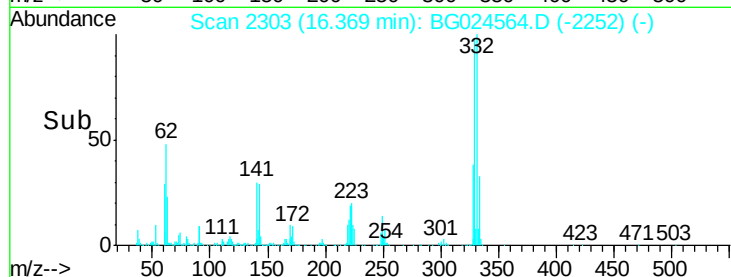
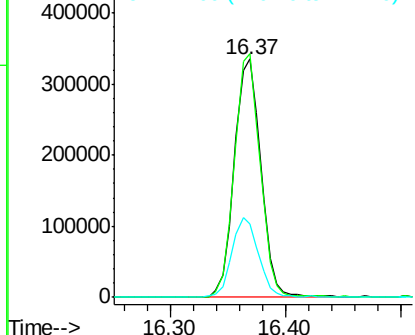
#41
2,4,6-Tribromophenol
Concen: 94.79 ng
RT: 16.37 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG024564.D
Acq: 31 Oct 2016 20:05

Instrument :
BNA_G
ClientSampleId :
SW-5

Tgt Ion:330 Resp: 535732
Ion Ratio Lower Upper
330 100
332 98.4 77.3 115.9
141 33.3 32.1 48.1

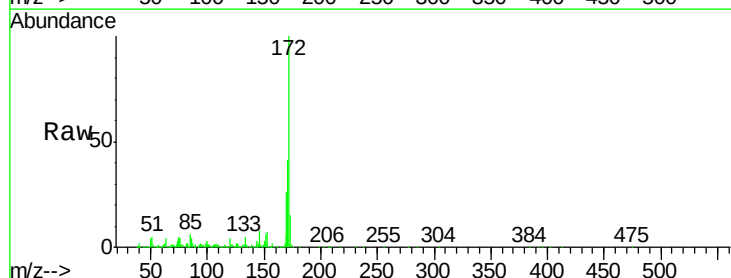


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

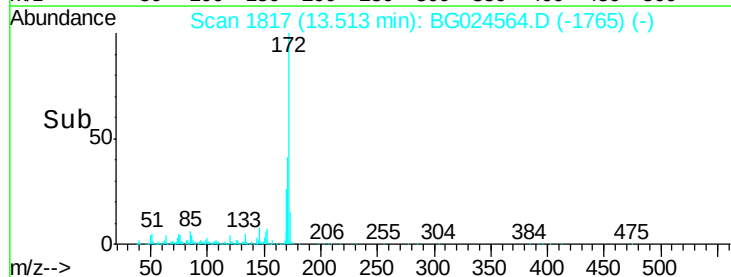
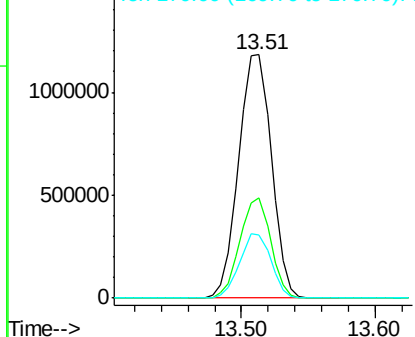


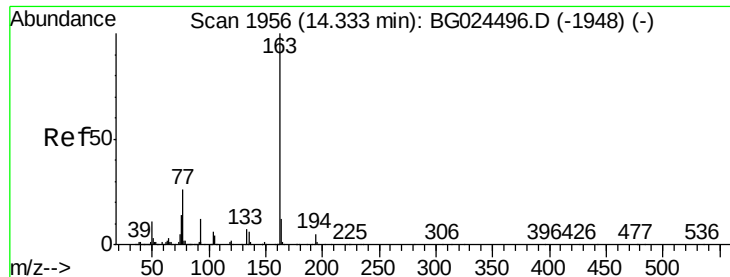
#44
2-Fluorobiphenyl
Concen: 88.52 ng
RT: 13.51 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BG024564.D
Acq: 31 Oct 2016 20:05

Tgt Ion:172 Resp: 2014835
Ion Ratio Lower Upper
172 100
171 40.9 32.2 48.2
170 26.1 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: 7.33 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG024564.D

Acq: 31 Oct 2016 20:05

Instrument :

BNA_G

ClientSampleId :

SW-5

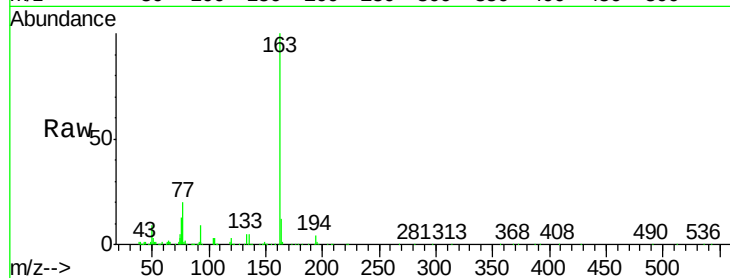
Tgt Ion:163 Resp: 196784

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.6

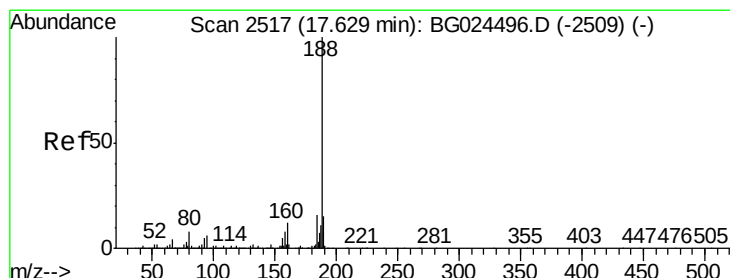
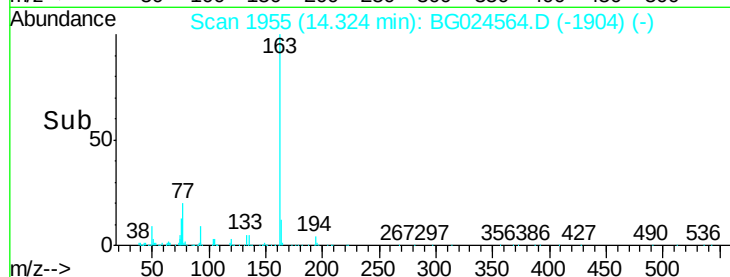
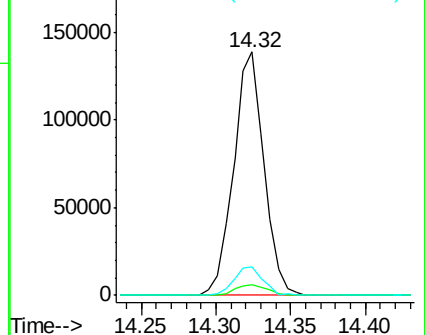
164 11.8 9.3 13.9



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: BG024564.D

Acq: 31 Oct 2016 20:05

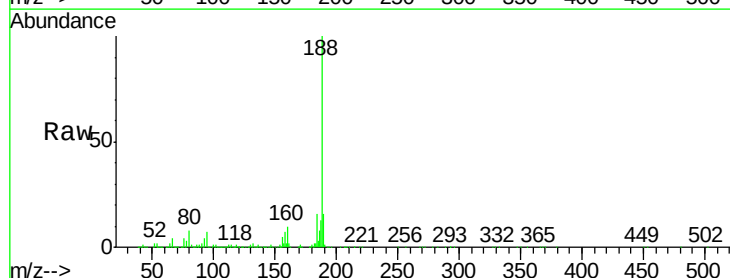
Tgt Ion:188 Resp: 794517

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.8

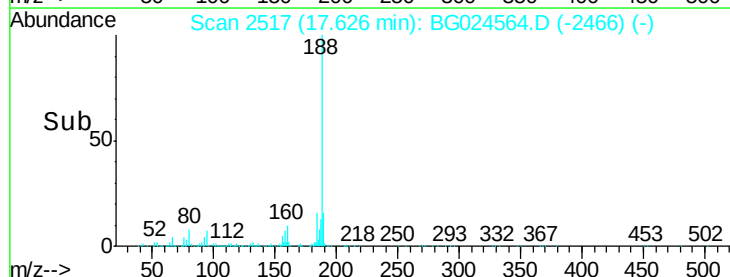
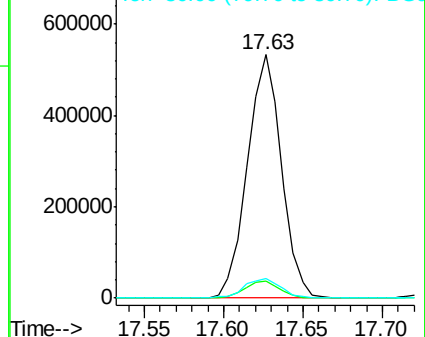
80 7.9 7.5 11.3

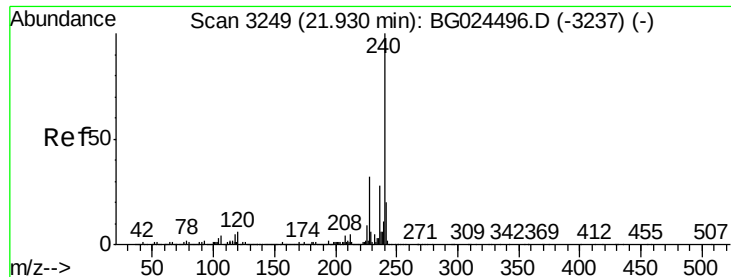


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.00 min

Lab File: BG024564.D

Acq: 31 Oct 2016 20:05

Instrument :

BNA_G

ClientSampleId :

SW-5

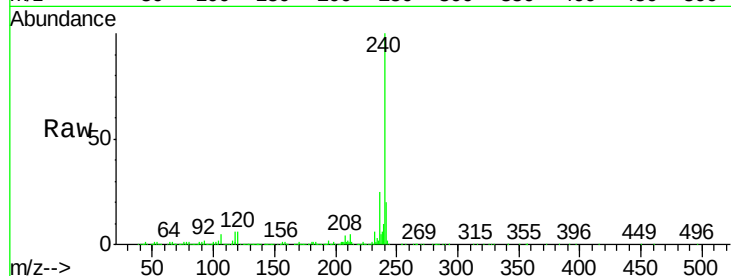
Tgt Ion:240 Resp: 1073773

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

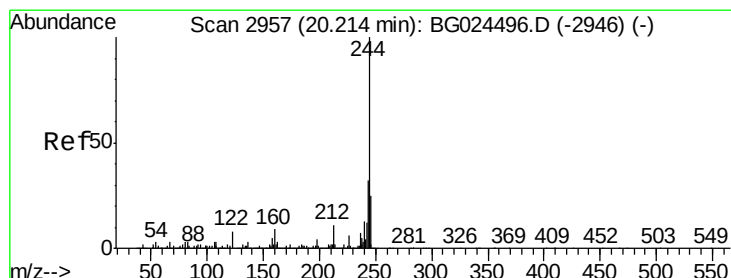
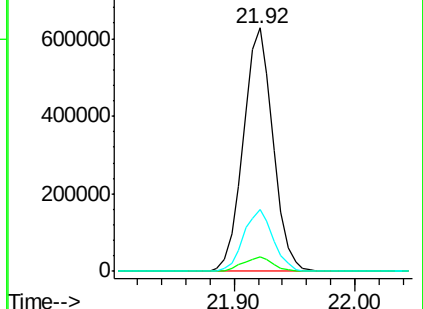
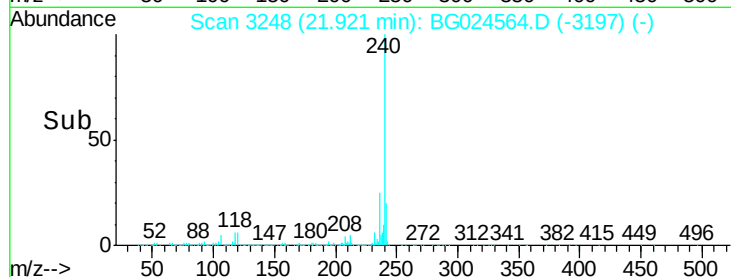
236 25.4 22.2 33.4



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: 84.19 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BG024564.D

Acq: 31 Oct 2016 20:05

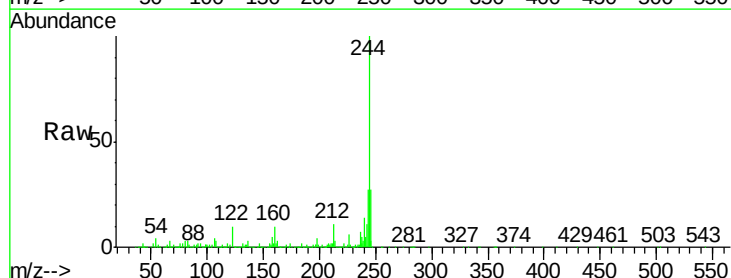
Tgt Ion:244 Resp: 3025180

Ion Ratio Lower Upper

244 100

212 10.8 10.0 15.0

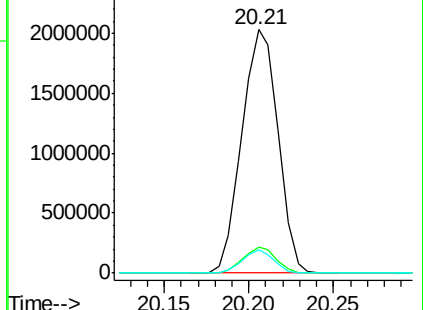
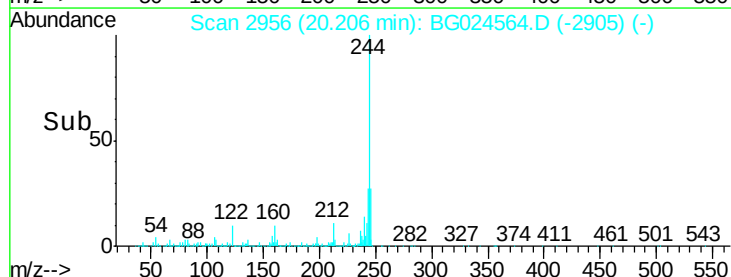
122 9.5 8.6 12.8

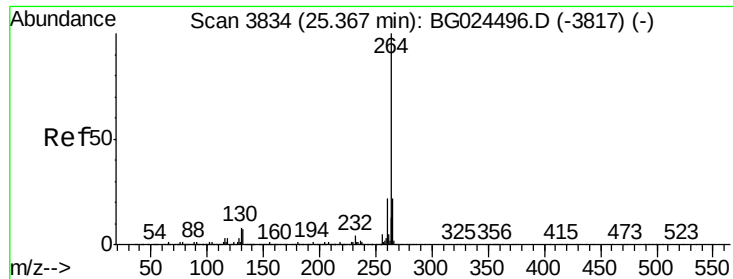


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.35 min Scan# 3832
 Delta R.T. -0.01 min
 Lab File: BG024564.D
 Acq: 31 Oct 2016 20:05

Instrument :
 BNA_G
 ClientSampleId :
 SW-5

Tgt Ion: 264 Resp: 1133381
 Ion Ratio Lower Upper
 264 100
 260 22.2 21.8 32.8
 265 23.3 18.2 27.4

