

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024581.D
 Acq On : 1 Nov 2016 7:38
 Operator : UM/SJ
 Sample : H5447-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RPC-W1

Quant Time: Nov 01 12:04:37 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

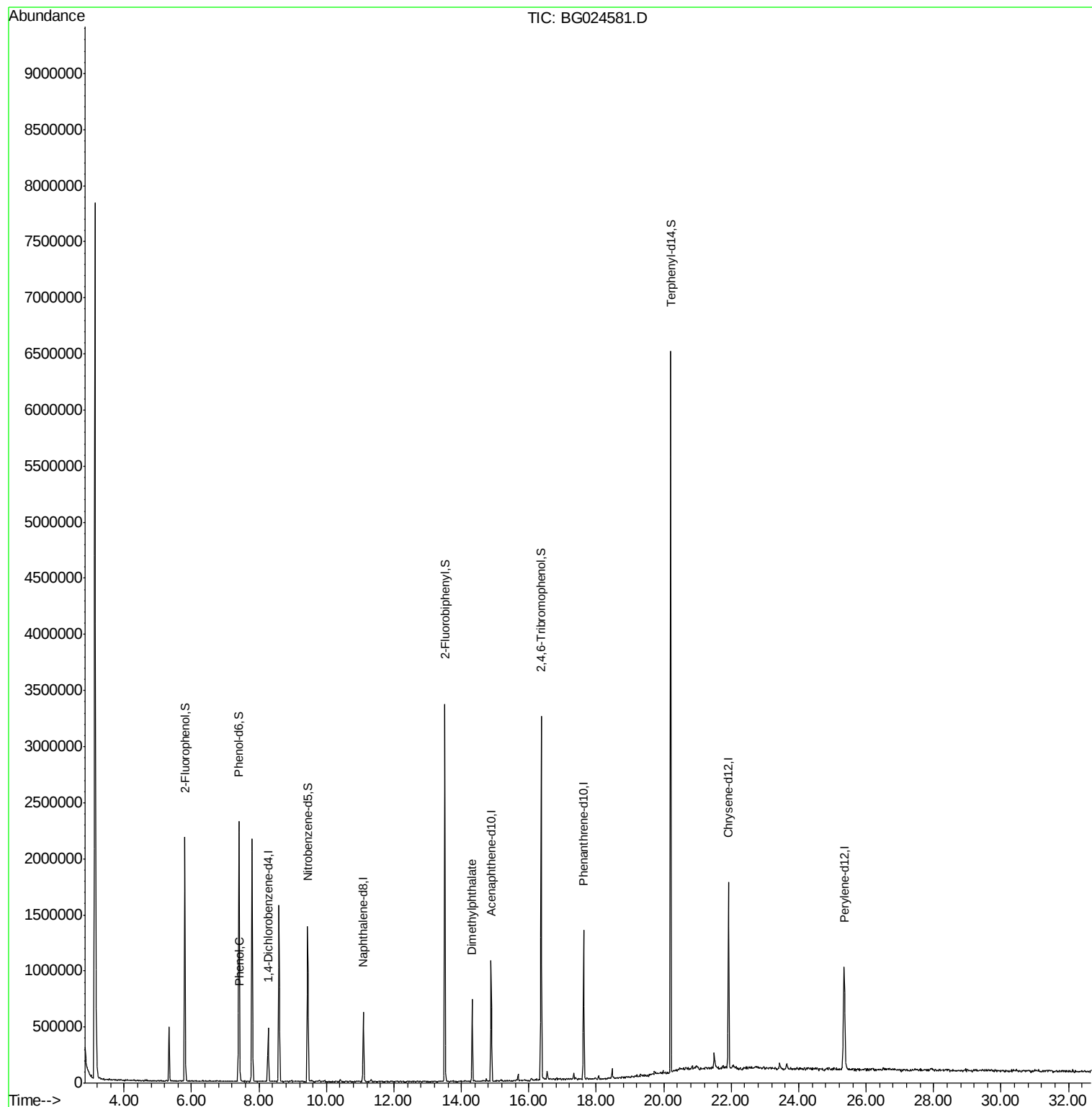
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	134941	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	501942	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	393276	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	858734	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1090343	20.00	ng	0.00
86) Perylene-d12	25.35	264	1140095	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	874605	106.23	ng	0.00
7) Phenol-d6	7.40	99	1275317	112.92	ng	0.00
23) Nitrobenzene-d5	9.44	82	869925	78.91	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	667837	113.67	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1661577	70.22	ng	0.00
78) Terphenyl-d14	20.21	244	2710974	74.29	ng	0.00
Target Compounds						
10) Phenol	7.43	94	33491	2.88	ng	Qvalue 92
49) Dimethylphthalate	14.32	163	468964	16.80	ng	# 98

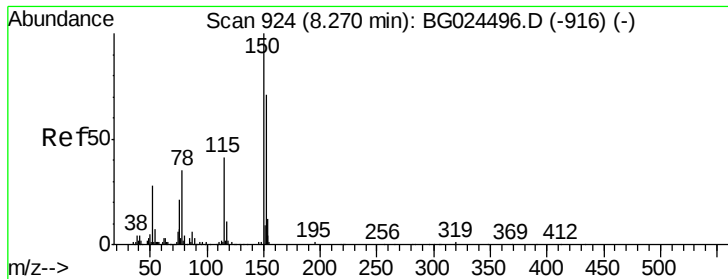
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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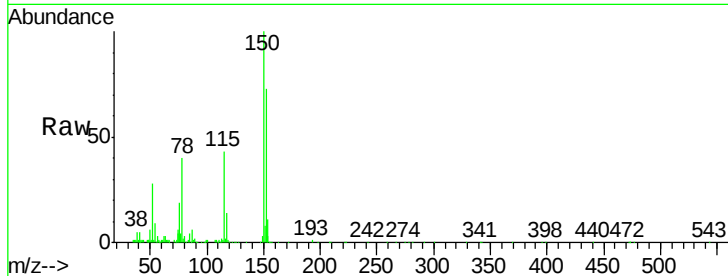


#1

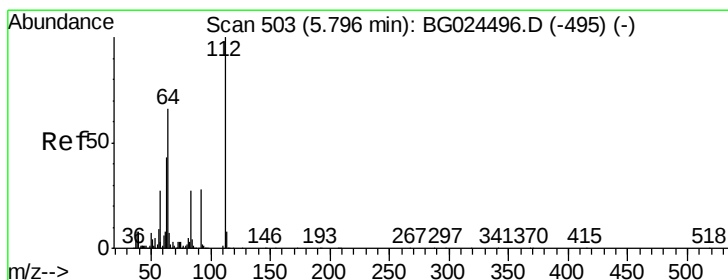
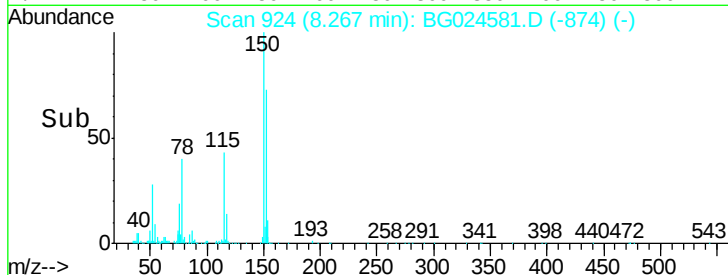
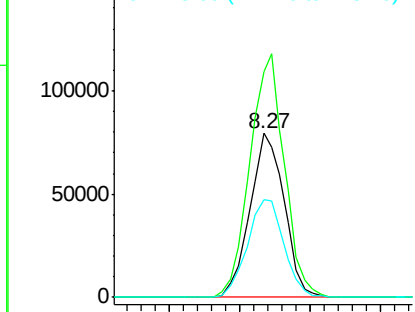
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG024581.D
Acq: 1 Nov 2016 7:38

Instrument :
BNA_G
ClientSampleId :
RPC-W1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	137.5	114.0	171.0
115	59.5	48.1	72.1



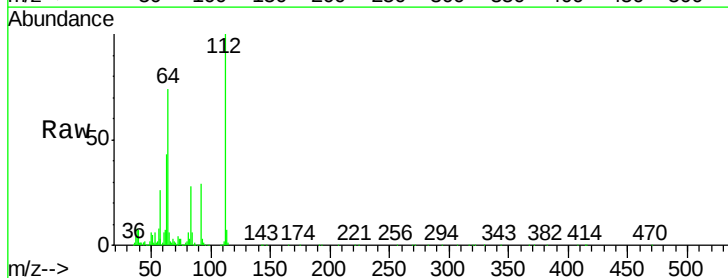
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



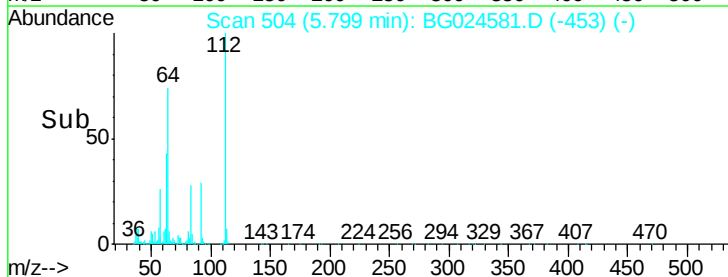
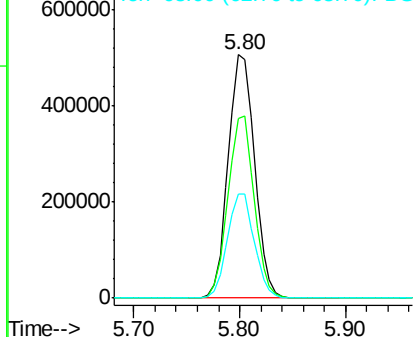
#5

2-Fluorophenol
Concen: 106.23 ng
RT: 5.80 min Scan# 504
Delta R.T. -0.00 min
Lab File: BG024581.D
Acq: 1 Nov 2016 7:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.0	61.8	92.6
63	43.0	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: 112.92 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024581.D

Acq: 1 Nov 2016 7:38

Instrument :

BNA_G

ClientSampleId :

RPC-W1

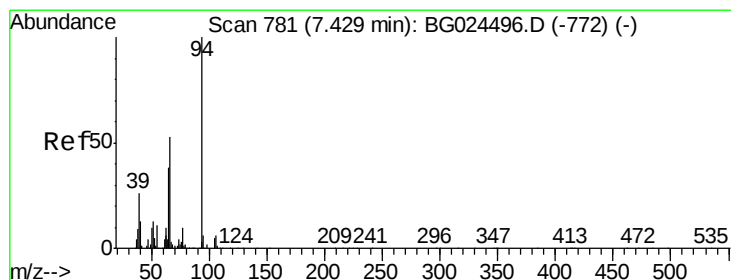
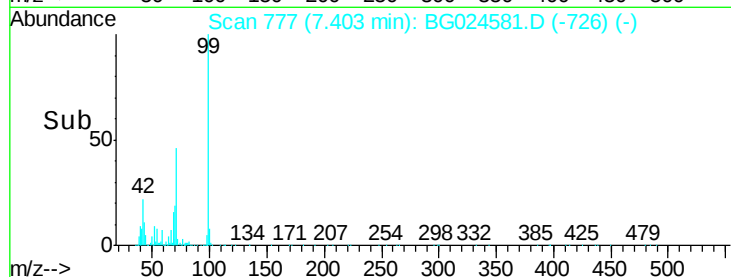
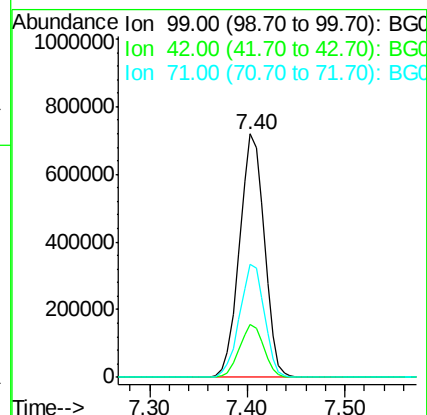
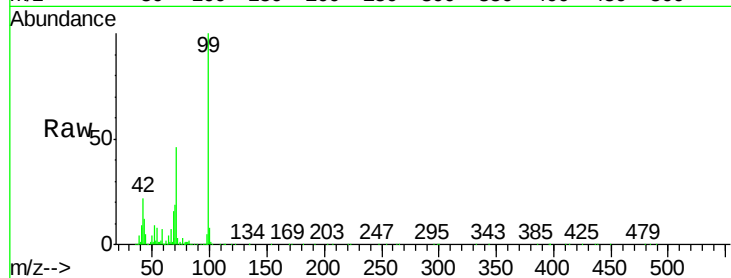
Tgt Ion: 99 Resp: 1275317

Ion Ratio Lower Upper

99 100

42 21.6 20.5 30.7

71 46.5 37.6 56.4



#10

Phenol

Concen: 2.88 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024581.D

Acq: 1 Nov 2016 7:38

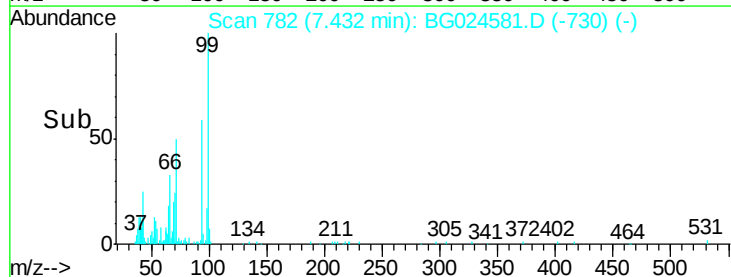
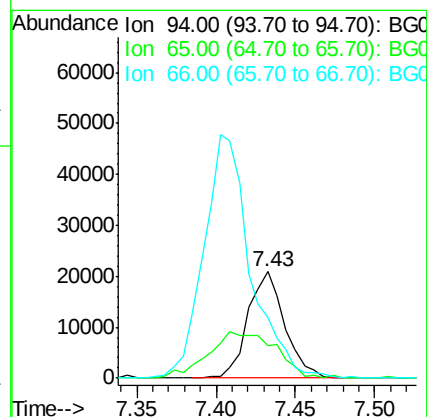
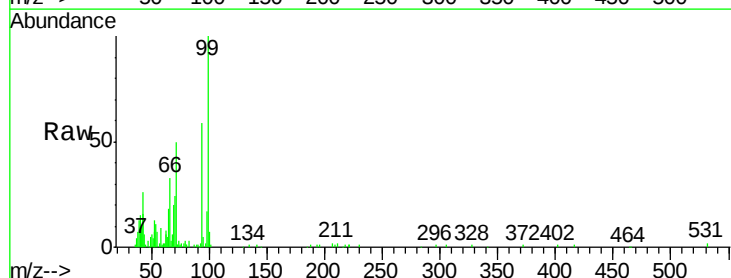
Tgt Ion: 94 Resp: 33491

Ion Ratio Lower Upper

94 100

65 30.6 20.6 60.6

66 57.2 35.5 75.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.10 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG024581.D

Acq: 1 Nov 2016 7:38

Instrument :

BNA_G

ClientSampleId :

RPC-W1

Tgt Ion: 136 Resp: 501942

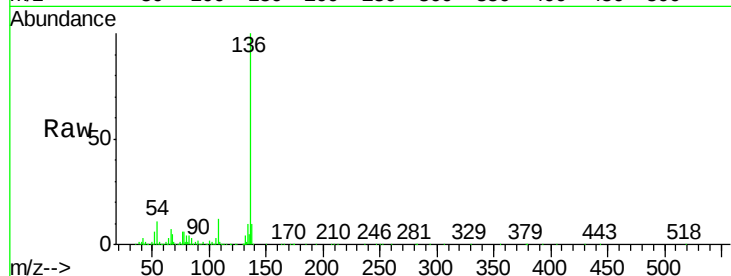
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 11.3 9.3 13.9

68 5.3 5.1 7.7

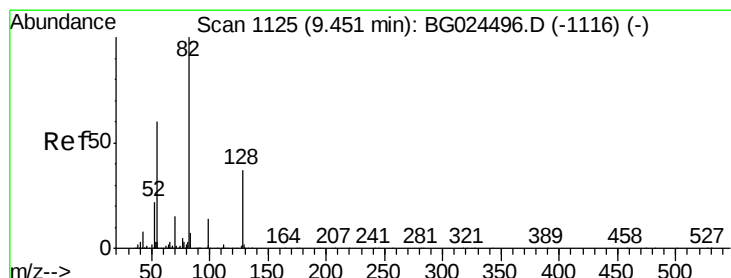
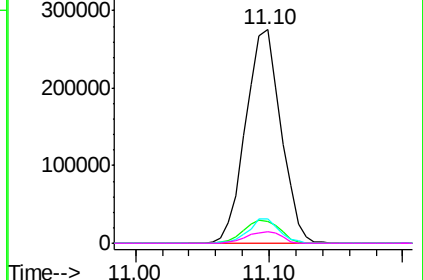
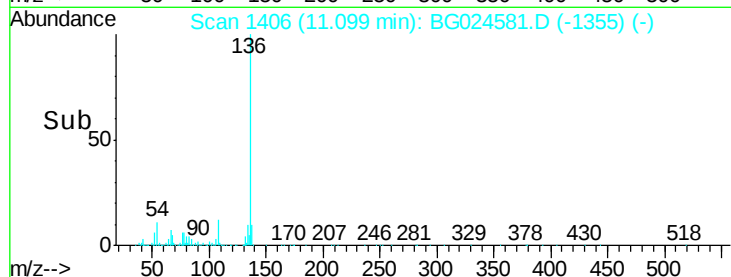


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

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: 9.44 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BG024581.D

Acq: 1 Nov 2016 7:38

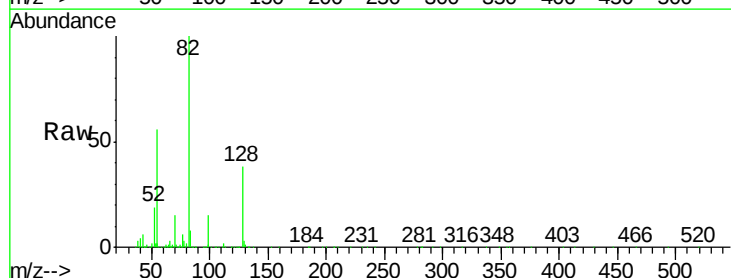
Tgt Ion: 82 Resp: 869925

Ion Ratio Lower Upper

82 100

128 38.1 26.4 39.6

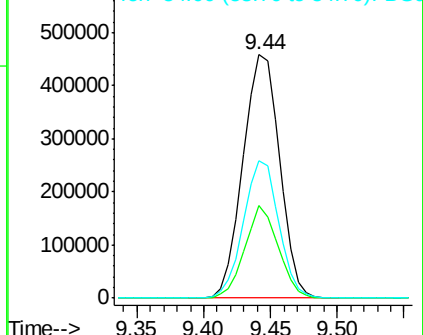
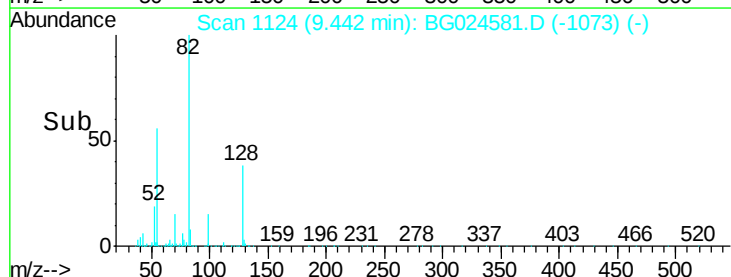
54 56.4 49.4 74.2

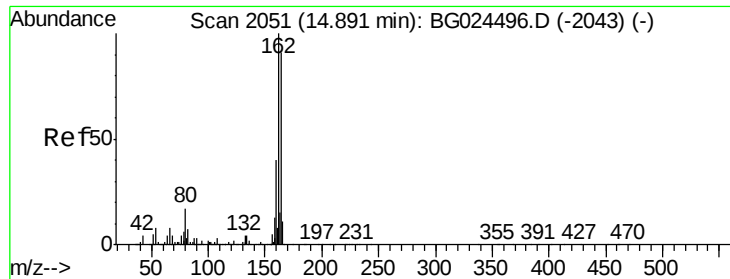


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BG024581.D

Acq: 1 Nov 2016 7:38

Instrument :

BNA_G

ClientSampleId :

RPC-W1

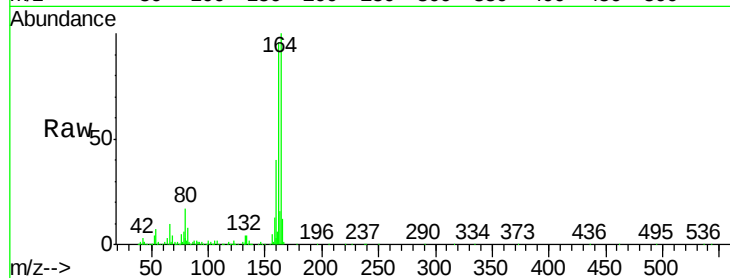
Tgt Ion:164 Resp: 393276

Ion Ratio Lower Upper

164 100

162 95.8 85.1 127.7

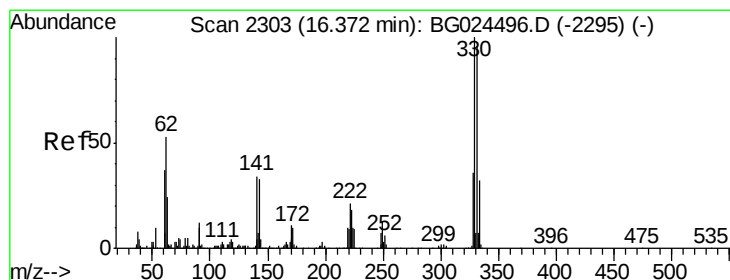
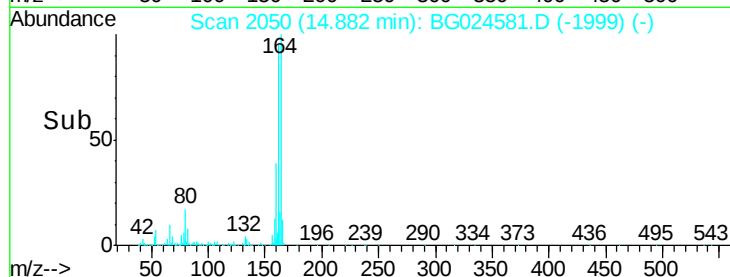
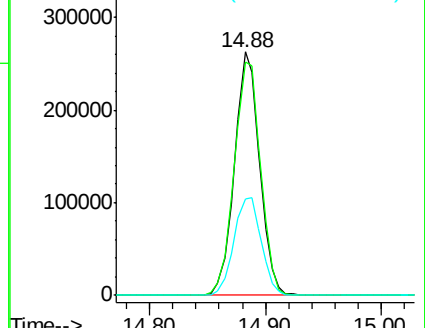
160 39.5 34.7 52.1



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: 113.67 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024581.D

Acq: 1 Nov 2016 7:38

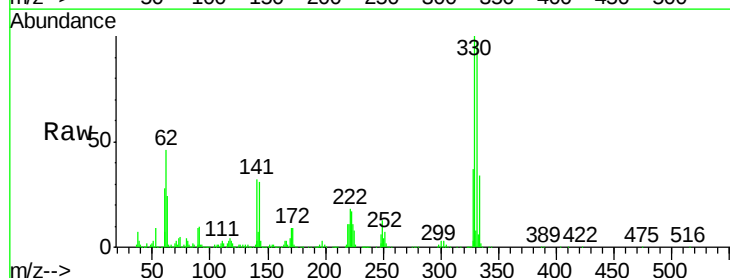
Tgt Ion:330 Resp: 667837

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

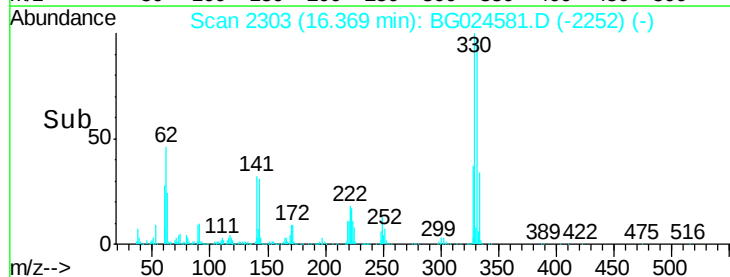
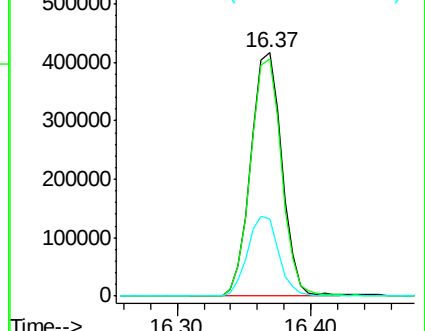
141 32.9 32.1 48.1



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

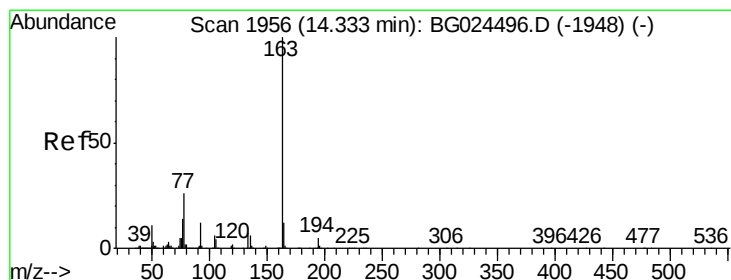
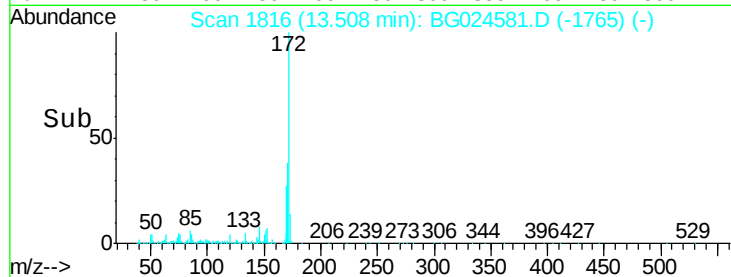
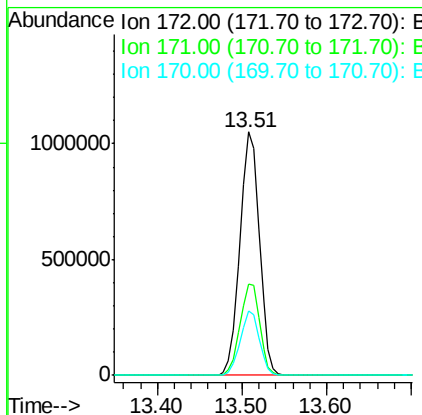
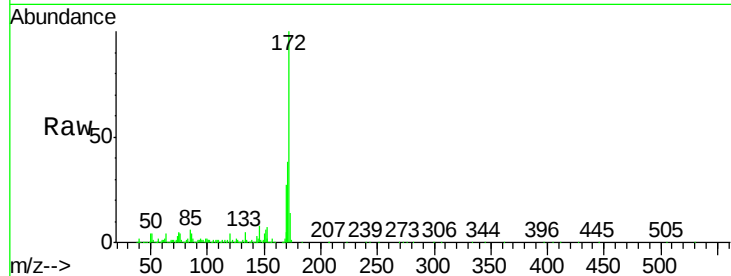




#44
2-Fluorobiphenyl
Concen: 70.22 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BG024581.D
Acq: 1 Nov 2016 7:38

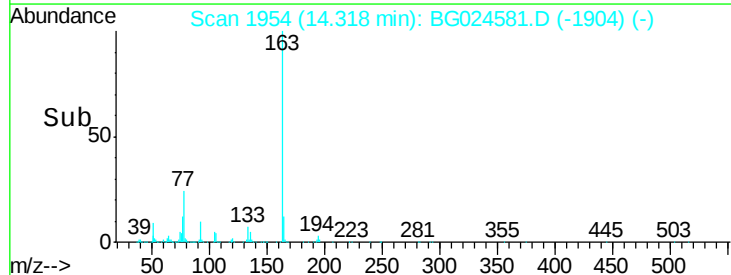
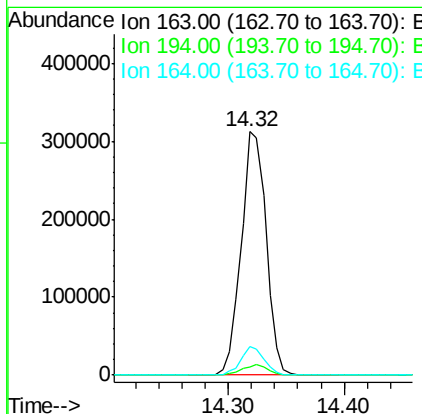
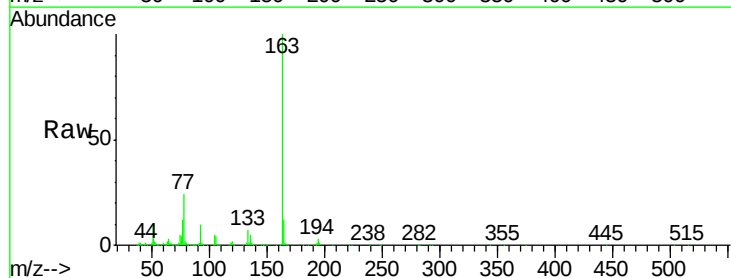
Instrument :
BNA_G
ClientSampled :
RPC-W1

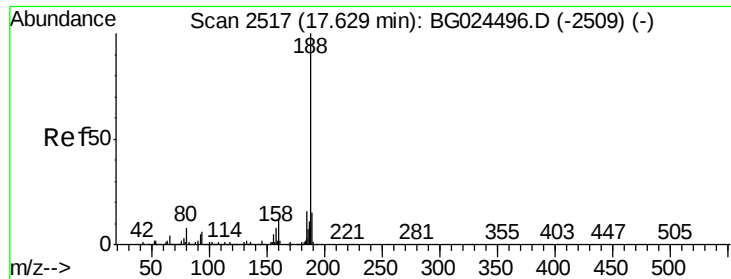
Tgt Ion:172 Resp: 1661577
Ion Ratio Lower Upper
172 100
171 37.7 32.2 48.2
170 26.6 21.8 32.6



#49
Dimethylphthalate
Concen: 16.80 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024581.D
Acq: 1 Nov 2016 7:38

Tgt Ion:163 Resp: 468964
Ion Ratio Lower Upper
163 100
194 3.1 3.8 5.6#
164 11.9 9.3 13.9

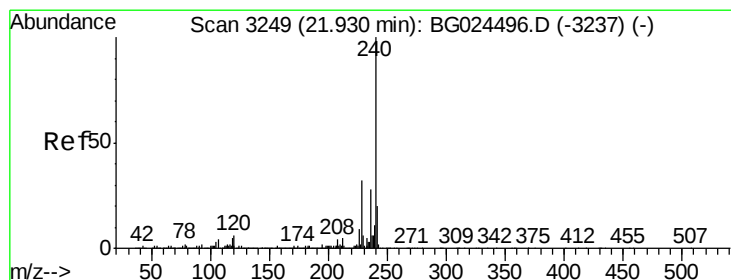
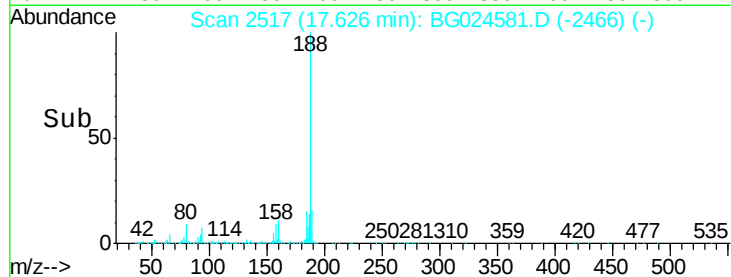
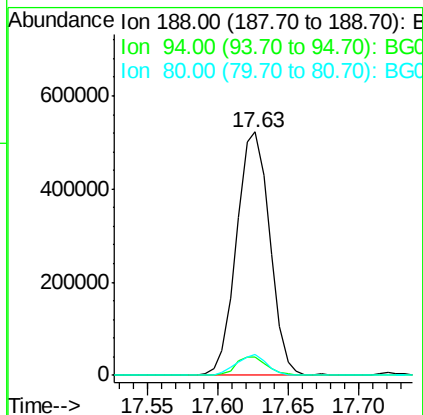
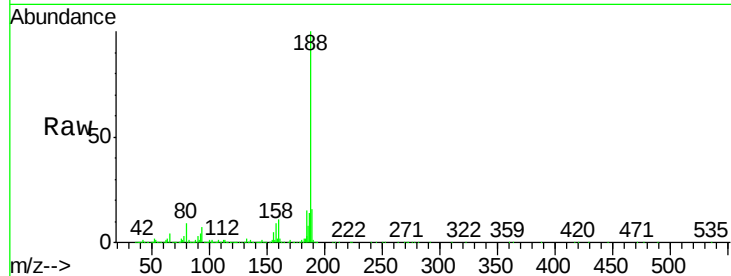




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024581.D
Acq: 1 Nov 2016 7:38

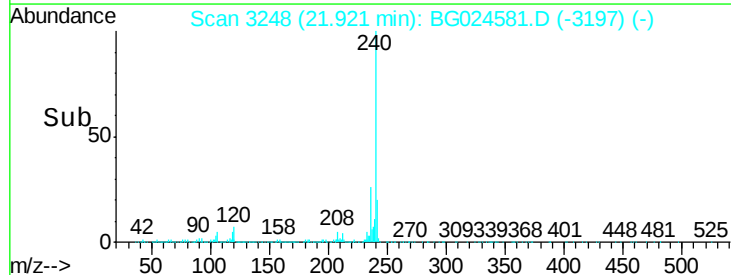
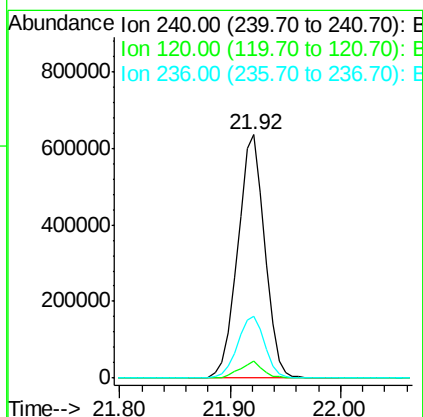
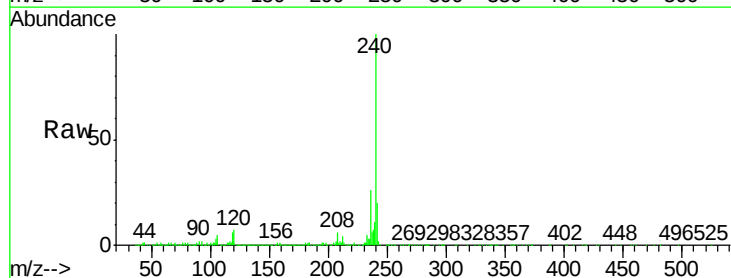
Instrument :
BNA_G
ClientSampleId :
RPC-W1

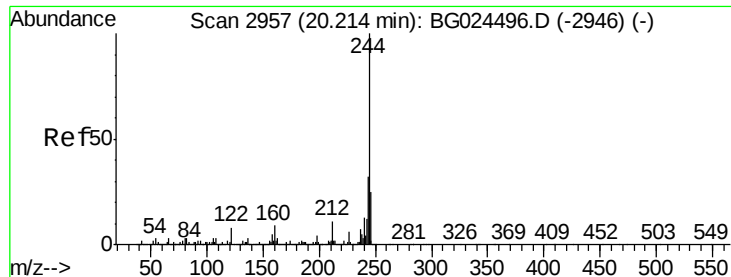
Tgt Ion:188 Resp: 858734
Ion Ratio Lower Upper
188 100
94 7.4 5.8 8.8
80 8.8 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.00 min
Lab File: BG024581.D
Acq: 1 Nov 2016 7:38

Tgt Ion:240 Resp: 1090343
Ion Ratio Lower Upper
240 100
120 6.9 5.7 8.5
236 25.6 22.2 33.4





#78

Terphenyl-d14

Concen: 74.29 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BG024581.D

Acq: 1 Nov 2016 7:38

Instrument :

BNA_G

ClientSampleId :

RPC-W1

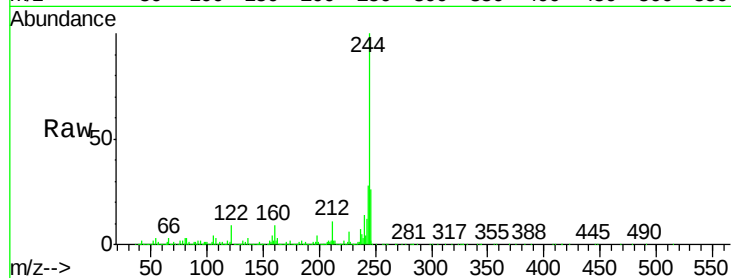
Tgt Ion:244 Resp: 2710974

Ion Ratio Lower Upper

244 100

212 10.5 10.0 15.0

122 8.6 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

2500000

2000000

1500000

1000000

500000

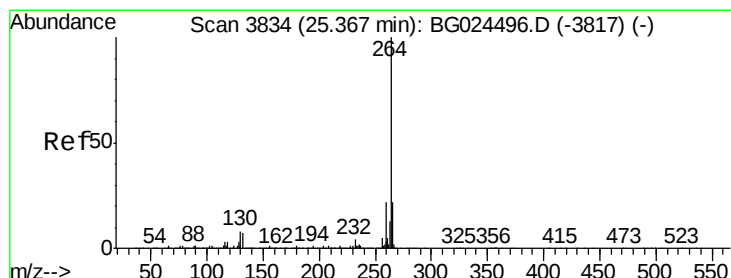
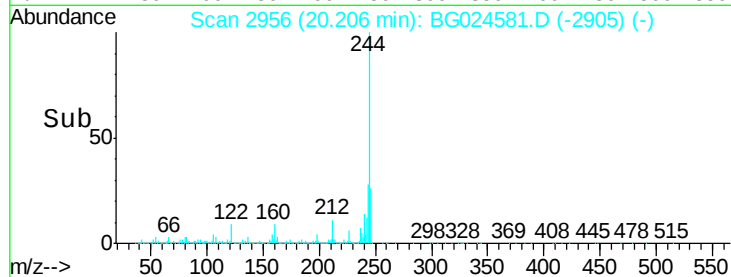
0

20.15

20.20

20.25

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.35 min Scan# 3831

Delta R.T. -0.01 min

Lab File: BG024581.D

Acq: 1 Nov 2016 7:38

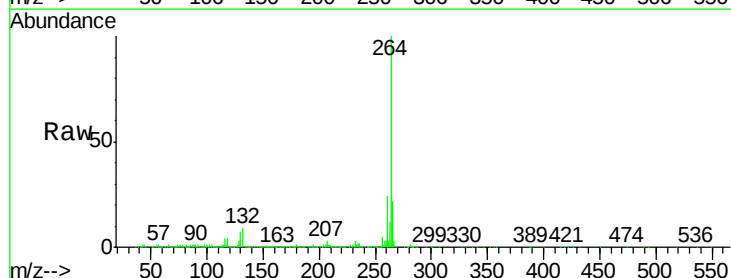
Tgt Ion:264 Resp: 1140095

Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

265 21.8 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

500000

400000

300000

200000

100000

0

25.20

25.30

25.40

Time-->

