

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102716\
 Data File : BG024529.D
 Acq On : 27 Oct 2016 20:13
 Operator : UM/SJ
 Sample : H5411-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-02

Quant Time: Oct 28 02:14:38 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

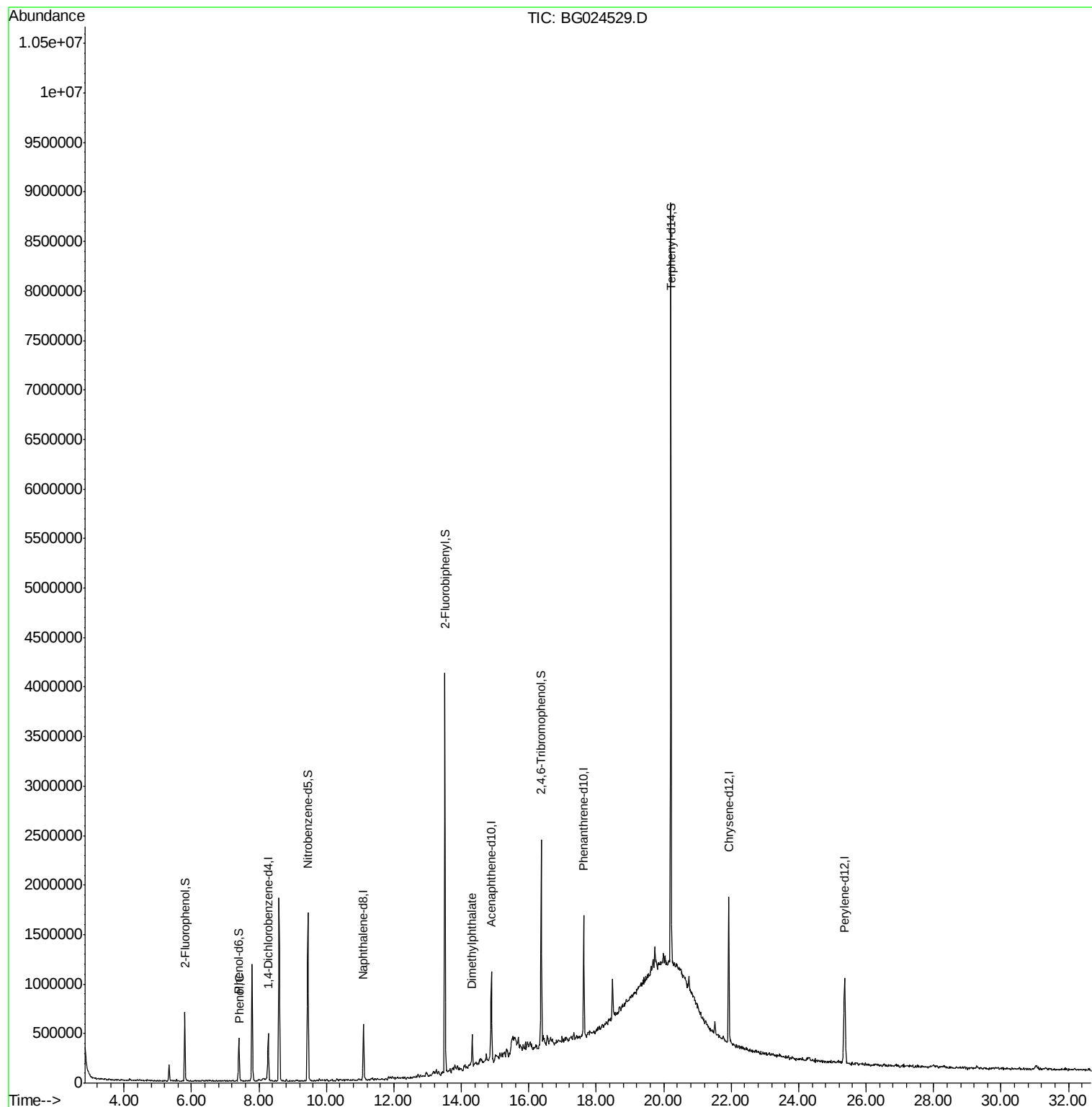
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	116659	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	466974	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	330283	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	739009	20.00	ng	0.00
75) Chrysene-d12	21.93	240	1006606	20.00	ng	0.00
86) Perylene-d12	25.36	264	1082833	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	275442	38.70	ng	0.00
7) Phenol-d6	7.40	99	235553	24.13	ng	0.00
23) Nitrobenzene-d5	9.45	82	1039954	101.39	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	435068	88.17	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1990518	100.17	ng	0.00
78) Terphenyl-d14	20.21	244	3135257	93.07	ng	0.00
Target Compounds						
10) Phenol	7.43	94	20665	2.05	ng	89
49) Dimethylphthalate	14.32	163	207817	8.86	ng	98

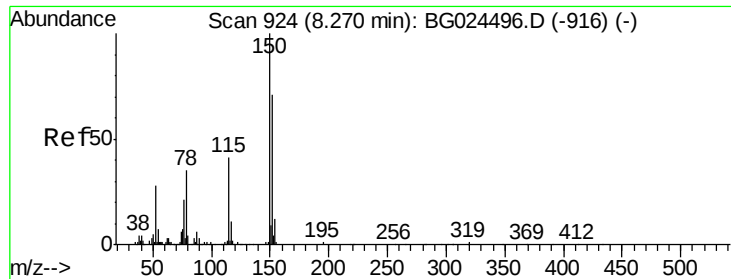
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG024529.D

Acq: 27 Oct 2016 20:13

Instrument :

BNA_G

ClientSampleId :

TWP-02

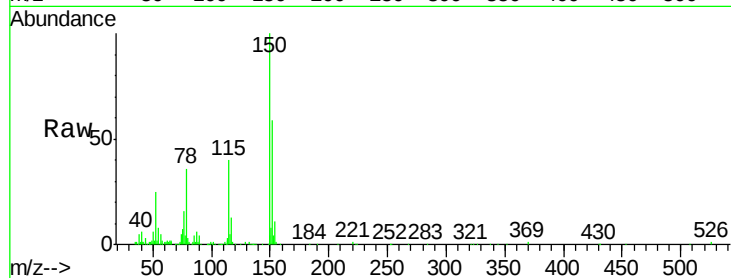
Tgt Ion:152 Resp: 116659

Ion Ratio Lower Upper

152 100

150 168.1 114.0 171.0

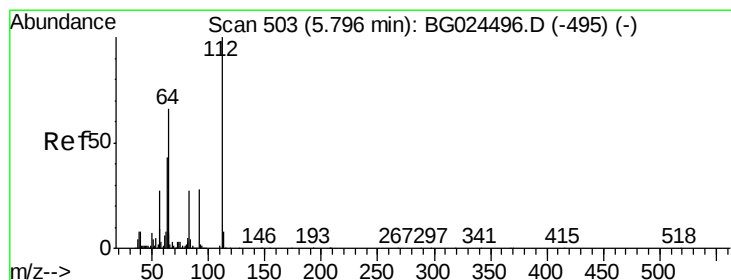
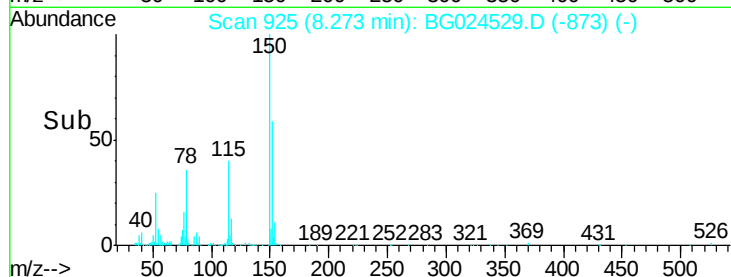
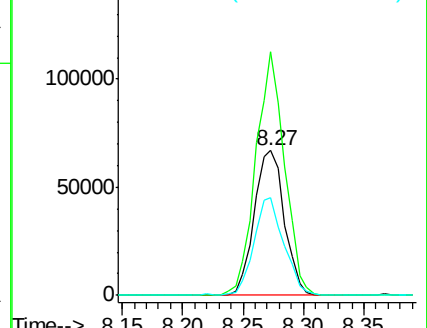
115 67.2 48.1 72.1



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: 38.70 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024529.D

Acq: 27 Oct 2016 20:13

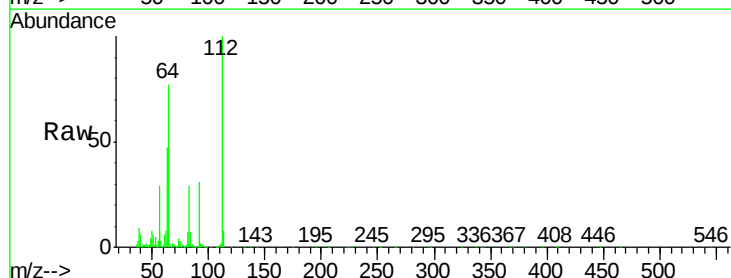
Tgt Ion:112 Resp: 275442

Ion Ratio Lower Upper

112 100

64 77.2 61.8 92.6

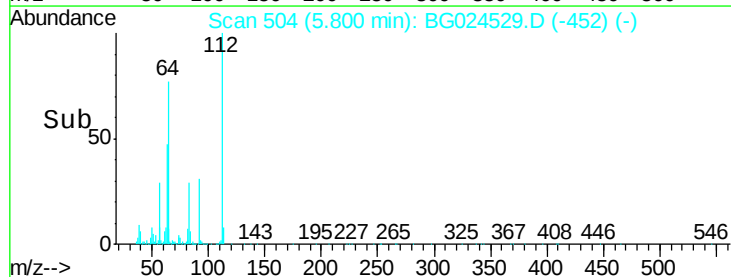
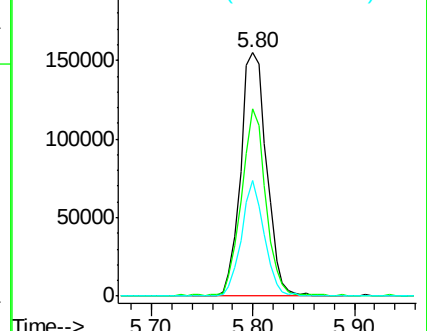
63 47.2 37.2 55.8



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: 24.13 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024529.D

Acq: 27 Oct 2016 20:13

Instrument :

BNA_G

ClientSampleId :

TWP-02

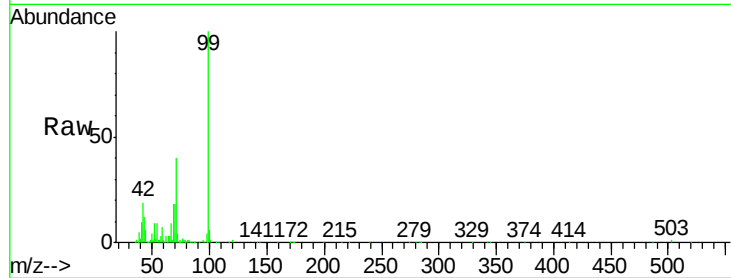
Tgt Ion: 99 Resp: 235553

Ion Ratio Lower Upper

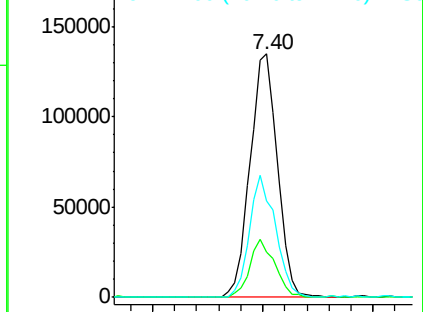
99 100

42 18.6 20.5 30.7#

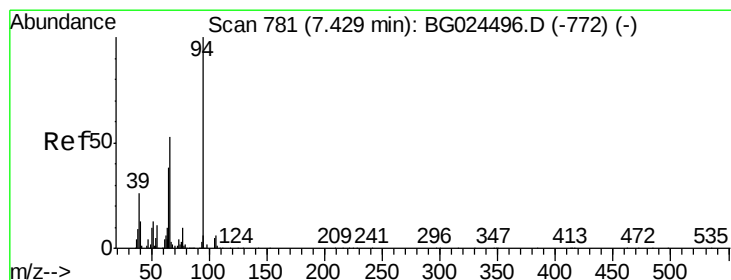
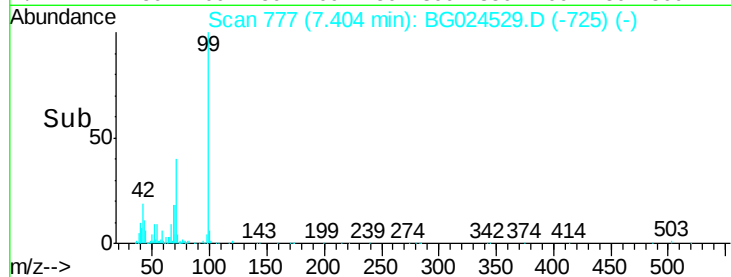
71 39.8 37.6 56.4



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



Time-->



#10

Phenol

Concen: 2.05 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG024529.D

Acq: 27 Oct 2016 20:13

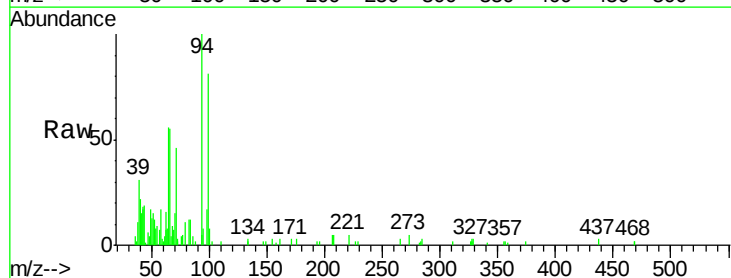
Tgt Ion: 94 Resp: 20665

Ion Ratio Lower Upper

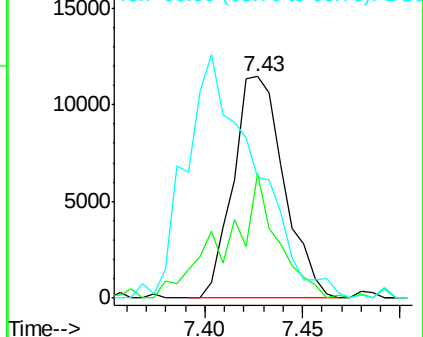
94 100

65 56.0 20.6 60.6

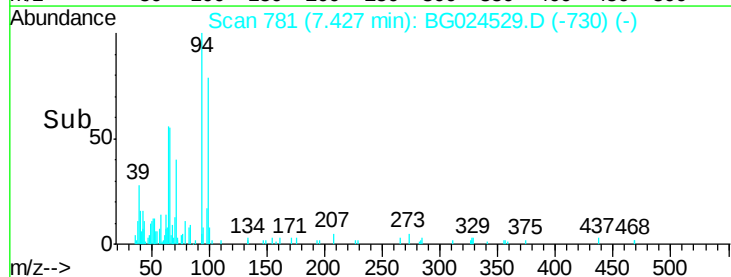
66 54.5 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.10 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG024529.D

Acq: 27 Oct 2016 20:13

Instrument :

BNA_G

ClientSampleId :

TWP-02

Tgt Ion:136 Resp: 466974

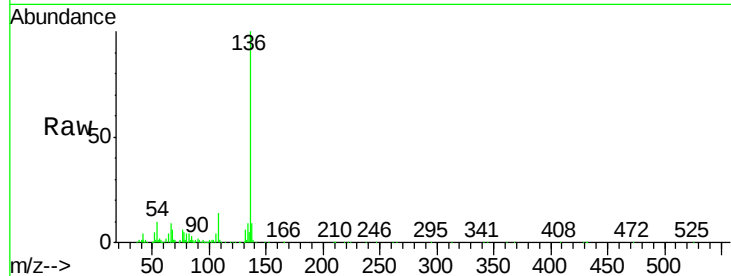
Ion Ratio Lower Upper

136 100

137 9.5 8.9 13.3

54 10.2 9.3 13.9

68 5.7 5.1 7.7

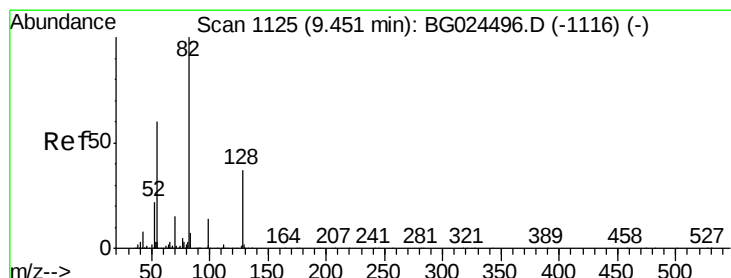
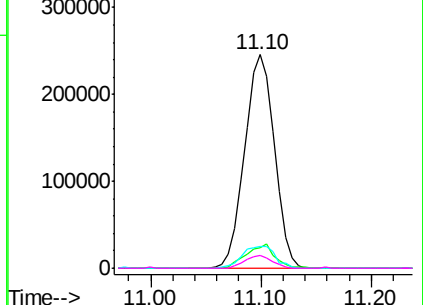
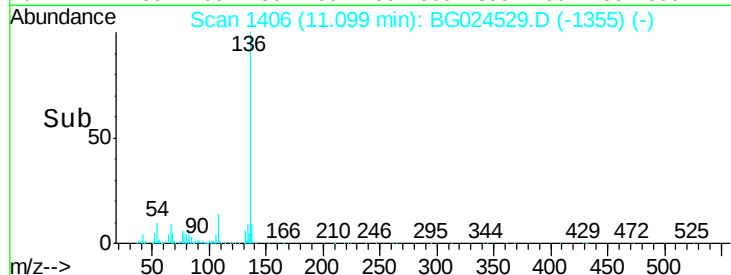


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.39 ng

RT: 9.45 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BG024529.D

Acq: 27 Oct 2016 20:13

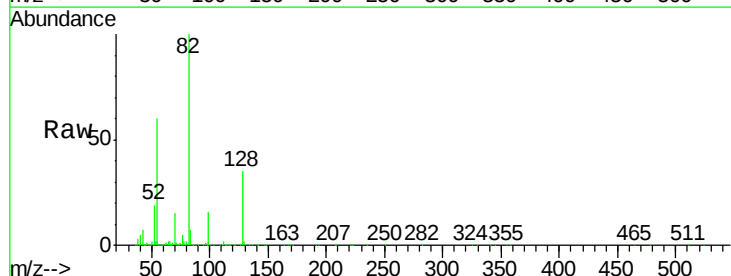
Tgt Ion: 82 Resp: 1039954

Ion Ratio Lower Upper

82 100

128 35.3 26.4 39.6

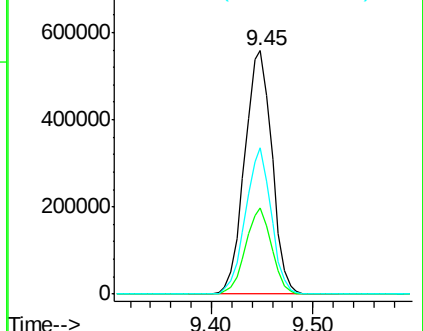
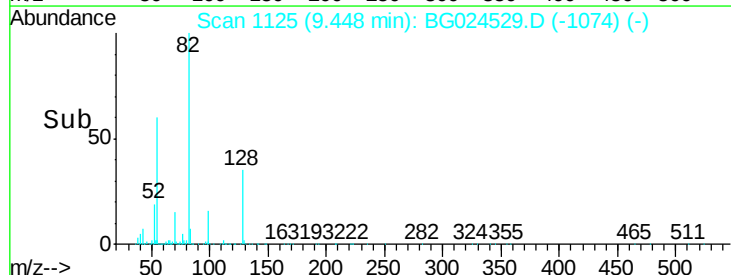
54 60.1 49.4 74.2

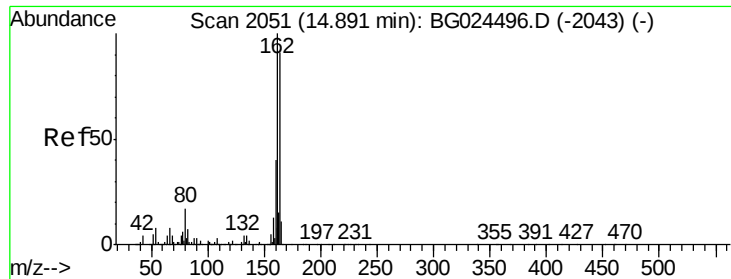


Abundance Ion 82.00 (81.70 to 82.70): BGC

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. -0.01 min

Lab File: BG024529.D

Acq: 27 Oct 2016 20:13

Instrument :

BNA_G

ClientSampleId :

TWP-02

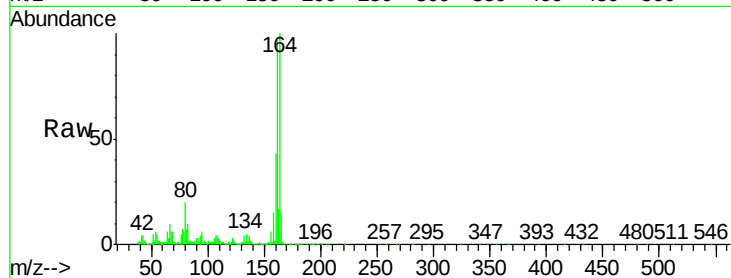
Tgt Ion:164 Resp: 330283

Ion Ratio Lower Upper

164 100

162 97.4 85.1 127.7

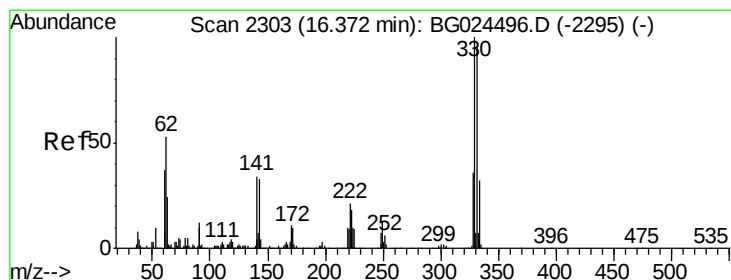
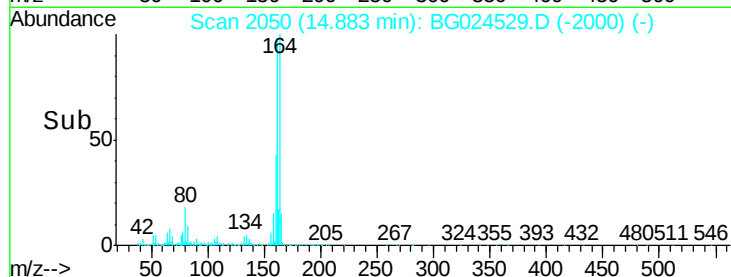
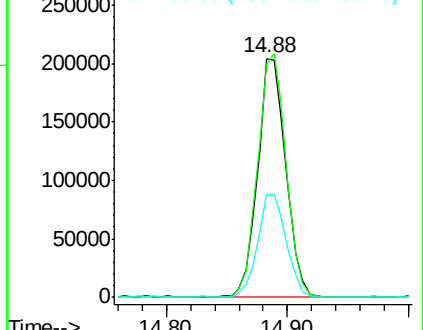
160 43.2 34.7 52.1



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: 88.17 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024529.D

Acq: 27 Oct 2016 20:13

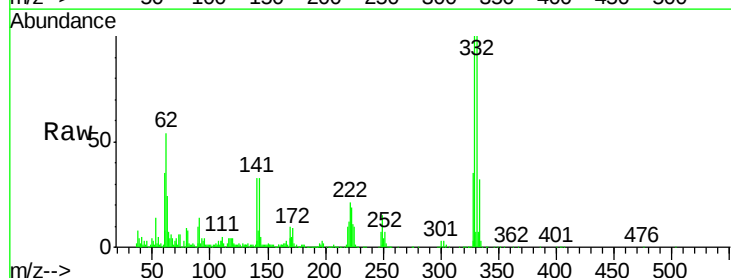
Tgt Ion:330 Resp: 435068

Ion Ratio Lower Upper

330 100

332 94.2 77.3 115.9

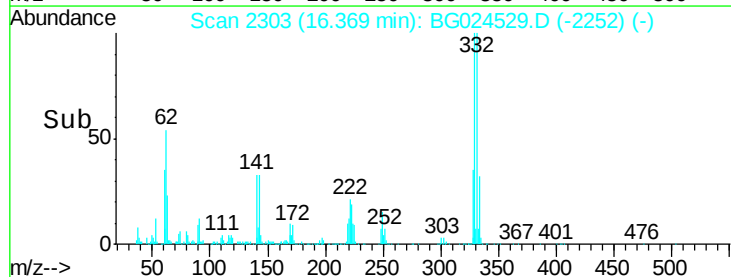
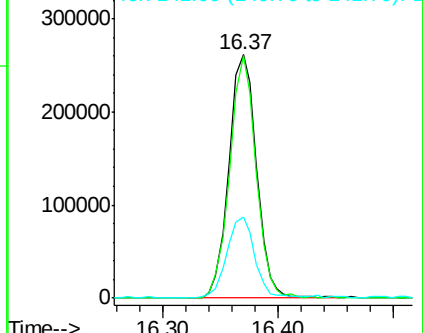
141 33.1 32.1 48.1

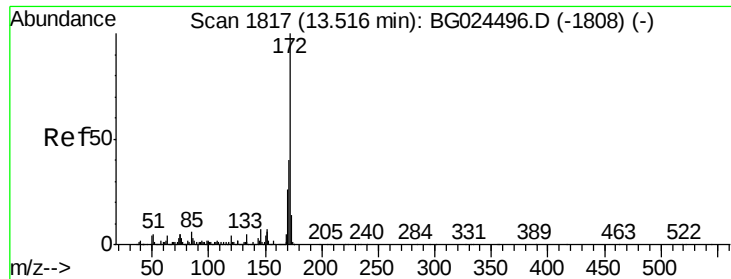


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

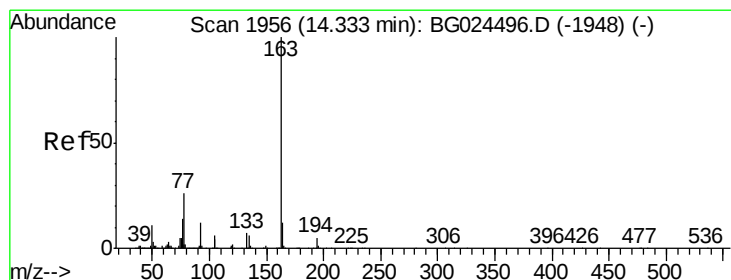
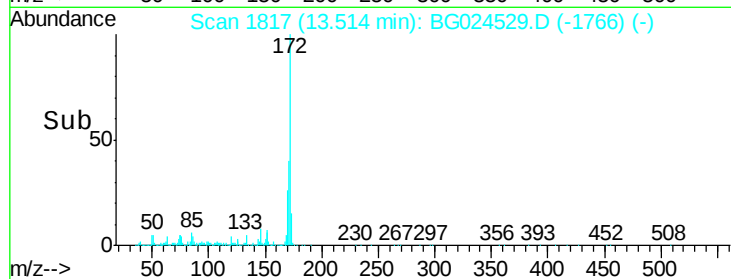
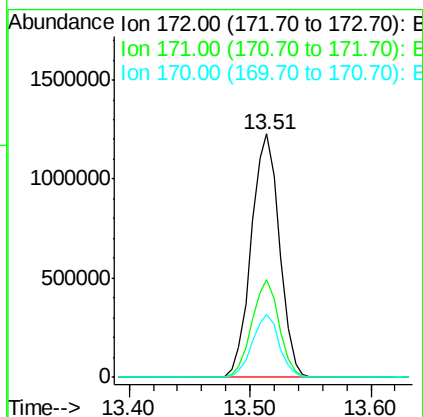
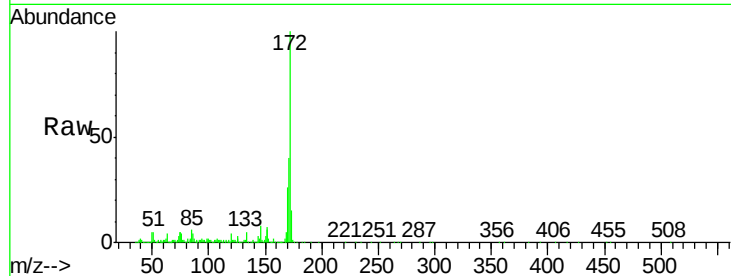




#44
2-Fluorobiphenyl
Concen: 100.17 ng
RT: 13.51 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG024529.D
Acq: 27 Oct 2016 20:13

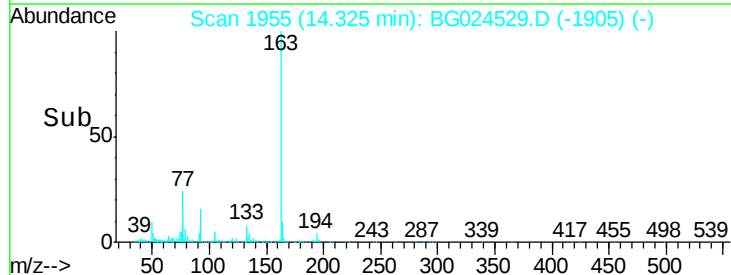
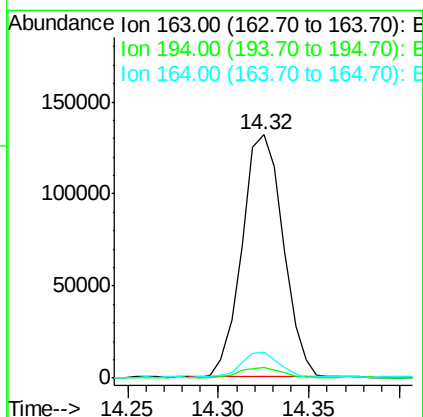
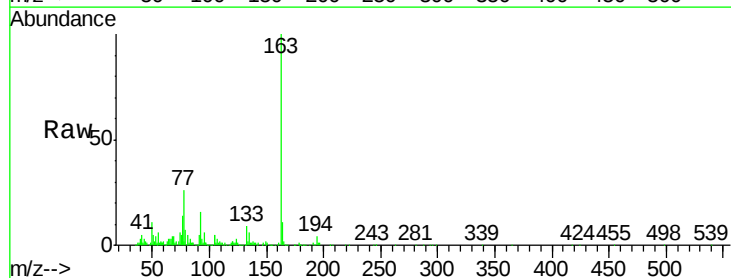
Instrument :
BNA_G
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TWP-02

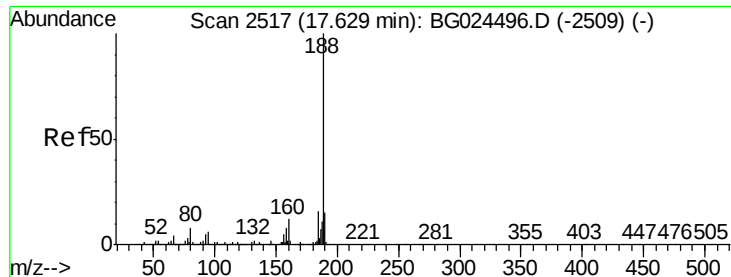
Tgt Ion:172 Resp: 1990518
Ion Ratio Lower Upper
172 100
171 40.3 32.2 48.2
170 25.9 21.8 32.6



#49
Dimethylphthalate
Concen: 8.86 ng
RT: 14.32 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG024529.D
Acq: 27 Oct 2016 20:13

Tgt Ion:163 Resp: 207817
Ion Ratio Lower Upper
163 100
194 4.3 3.8 5.6
164 10.7 9.3 13.9

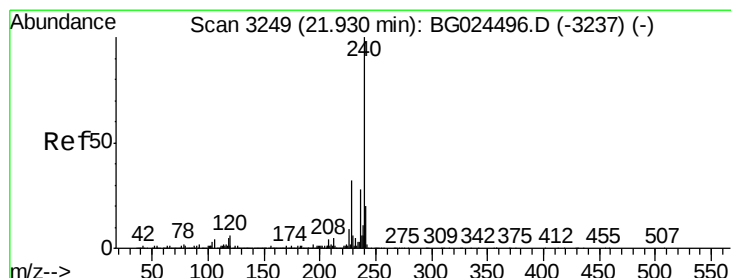
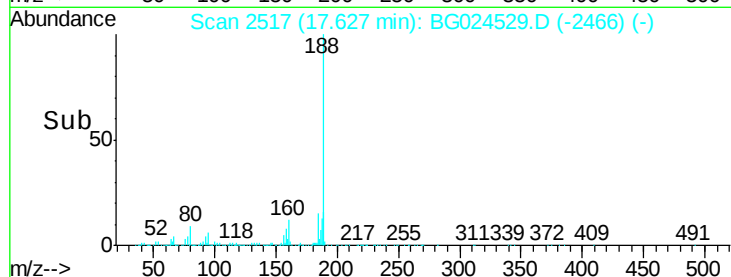
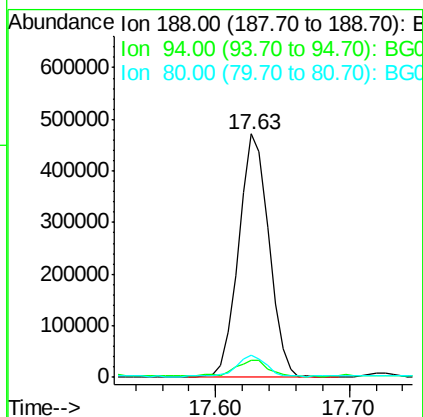
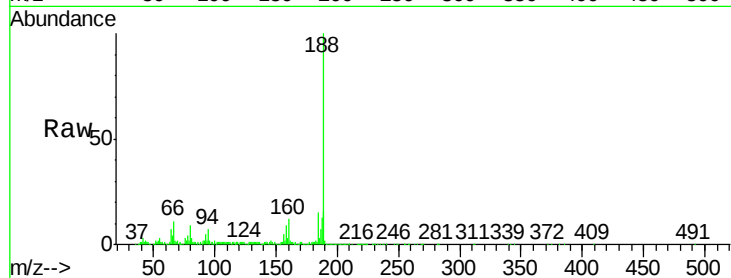




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024529.D
Acq: 27 Oct 2016 20:13

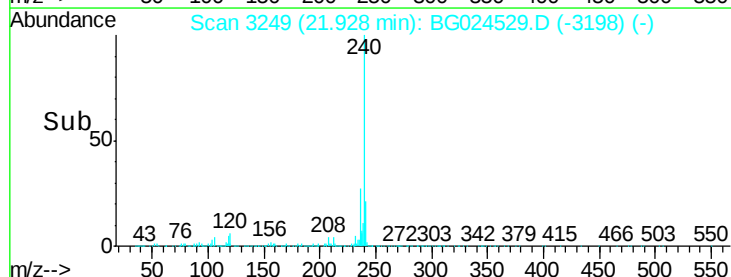
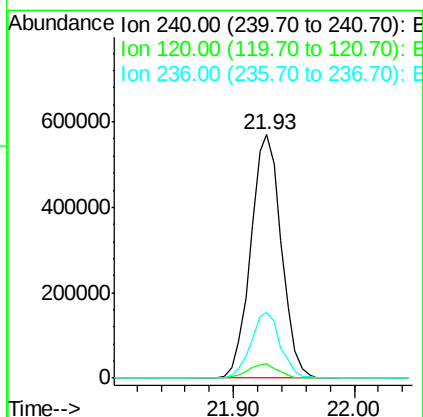
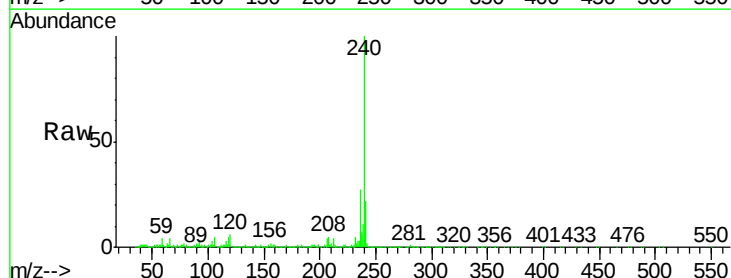
Instrument :
BNA_G
ClientSampleId :
TWP-02

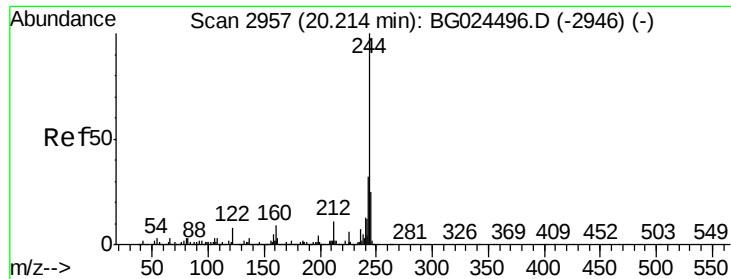
Tgt Ion:188 Resp: 739009
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.8
80 9.2 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.93 min Scan# 3249
Delta R.T. -0.00 min
Lab File: BG024529.D
Acq: 27 Oct 2016 20:13

Tgt Ion:240 Resp: 1006606
Ion Ratio Lower Upper
240 100
120 6.1 5.7 8.5
236 27.2 22.2 33.4





#78

Terphenyl-d14

Concen: 93.07 ng

RT: 20.21 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BG024529.D

Acq: 27 Oct 2016 20:13

Instrument :

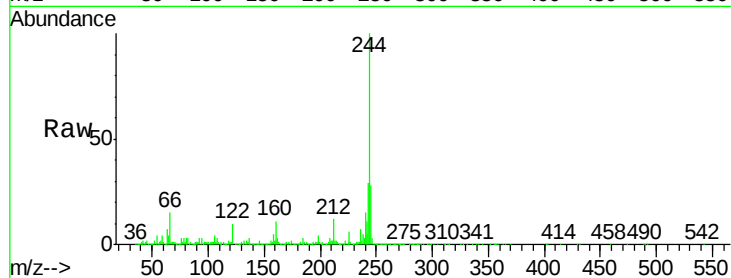
BNA_G

ClientSampleId :

TWP-02

Tgt Ion:244 Resp: 3135257

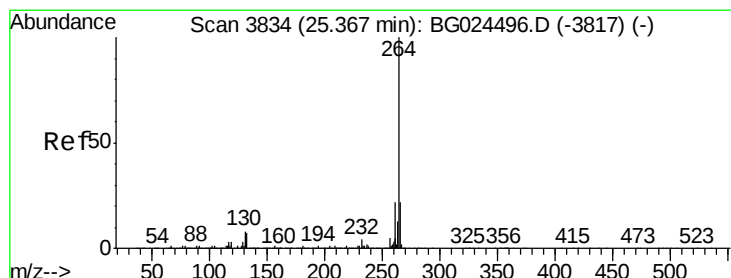
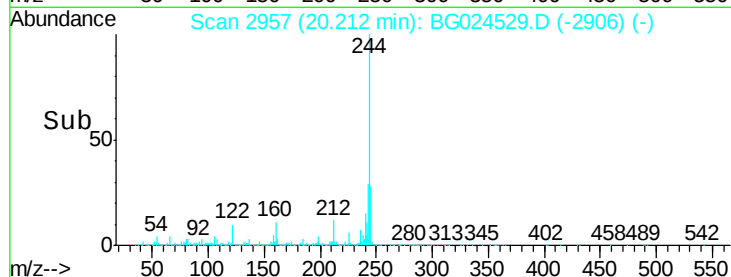
Ion	Ratio	Lower	Upper
244	100		
212	12.0	10.0	15.0
122	10.0	8.6	12.8



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# 3834

Delta R.T. -0.00 min

Lab File: BG024529.D

Acq: 27 Oct 2016 20:13

Tgt Ion:264 Resp: 1082833

Ion	Ratio	Lower	Upper
264	100		
260	22.6	21.8	32.8
265	20.8	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

