

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
 Data File : BG024741.D
 Acq On : 7 Nov 2016 22:58
 Operator : UM/SJ
 Sample : H5544-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-113-9.65-17.0

Quant Time: Nov 08 02:46:50 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	89614	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	348470	20.00	ng	-0.02
38) Acenaphthene-d10	14.88	164	273597	20.00	ng	-0.02
63) Phenanthrene-d10	17.62	188	626847	20.00	ng	0.00
75) Chrysene-d12	21.91	240	949615	20.00	ng	-0.02
86) Perylene-d12	25.33	264	996014	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	450472	82.39	ng	0.00
7) Phenol-d6	7.40	99	422792	56.37	ng	0.00
23) Nitrobenzene-d5	9.44	82	826152	107.94	ng	-0.02
41) 2,4,6-Tribromophenol	16.36	330	679248	166.18	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	1762047	107.04	ng	-0.02
78) Terphenyl-d14	20.20	244	2927845	92.13	ng	-0.02

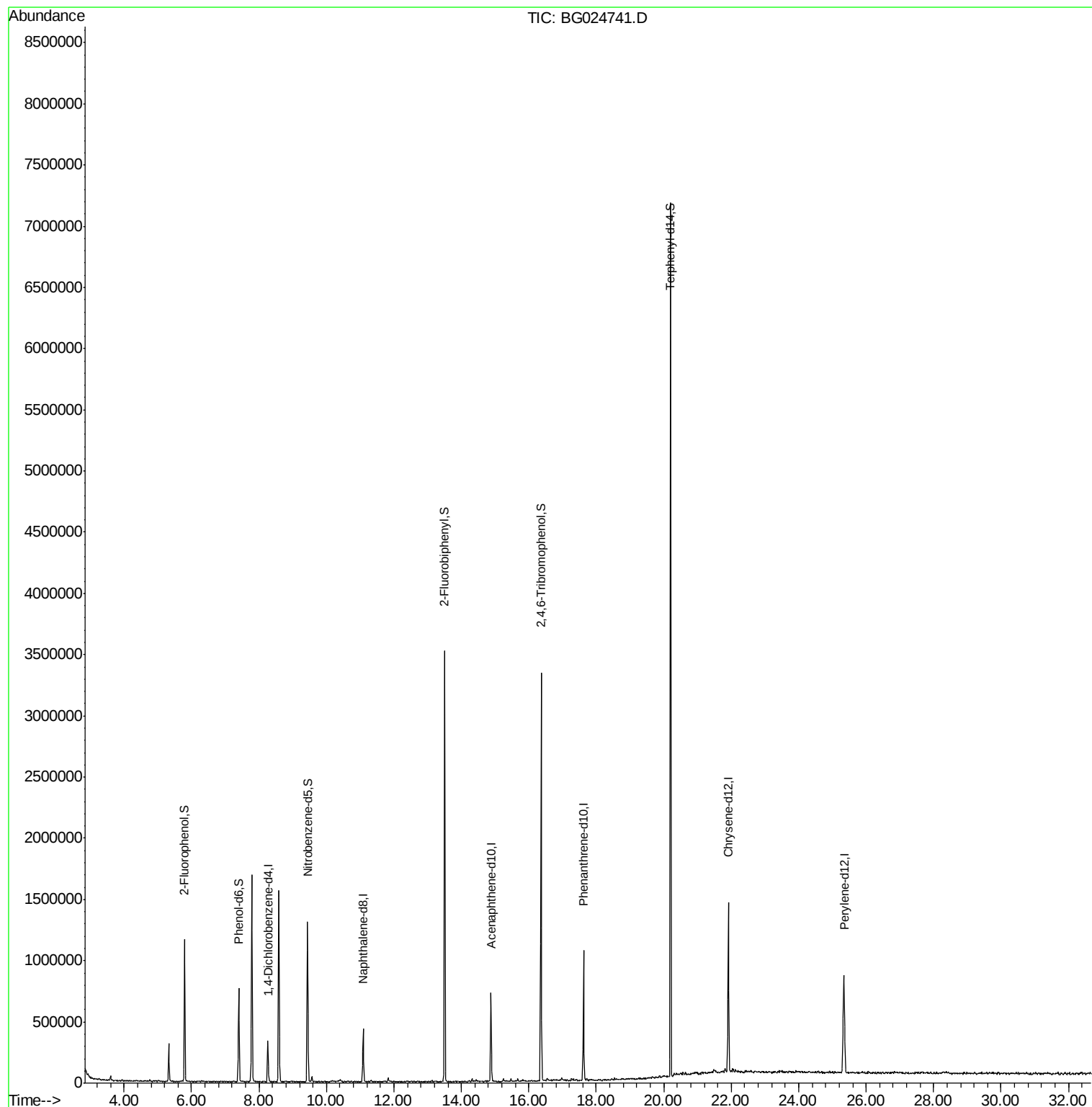
Target Compounds Qvalue

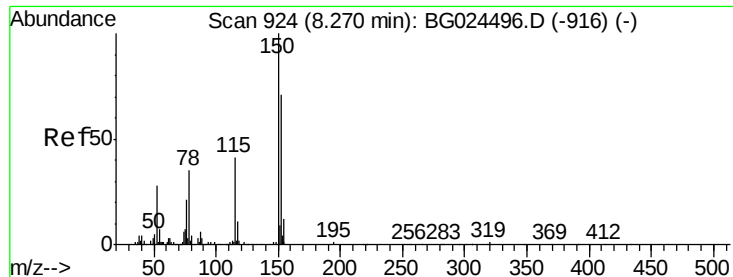
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024741.D

Acq: 7 Nov 2016 22:58

Instrument :

BNA_G

ClientSampleId :

GW-113-9.65-17.0

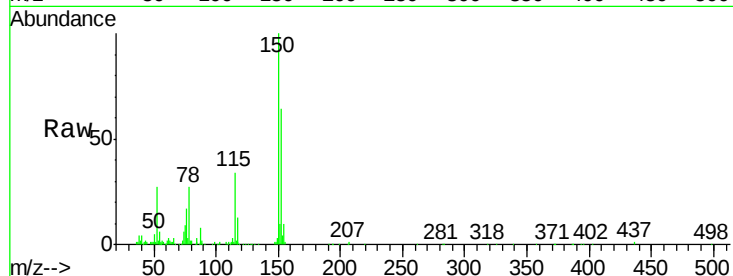
Tot Ion:152 Resp: 89614

Ion Ratio Lower Upper

152 100

150 155.9 114.0 171.0

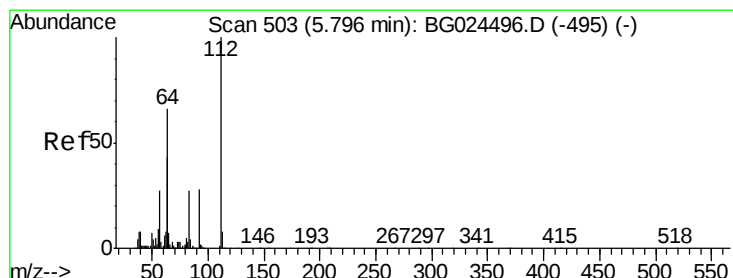
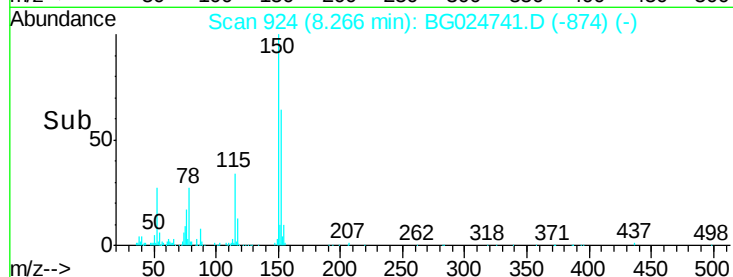
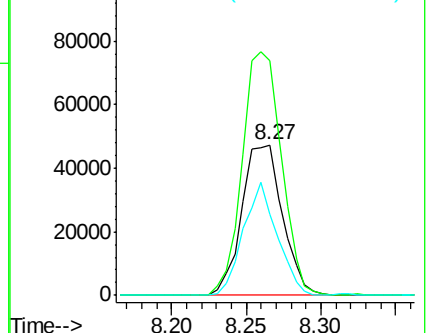
115 53.8 48.1 72.1



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: 82.39 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024741.D

Acq: 7 Nov 2016 22:58

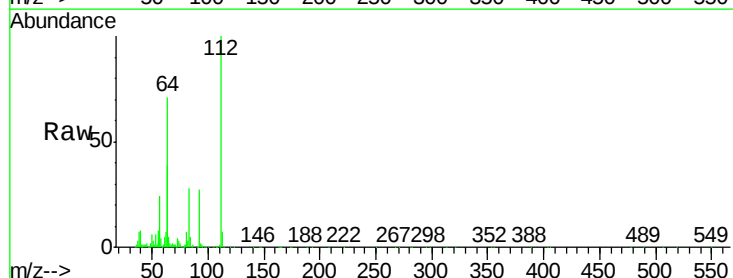
Tgt Ion:112 Resp: 450472

Ion Ratio Lower Upper

112 100

64 70.7 61.8 92.6

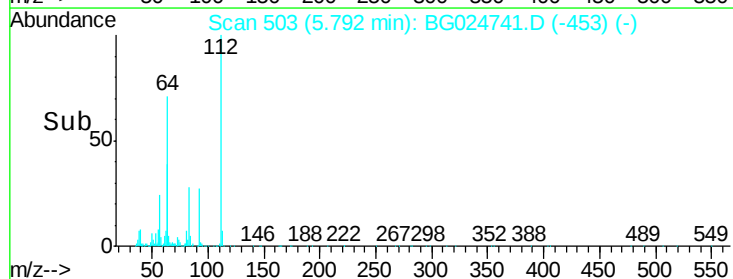
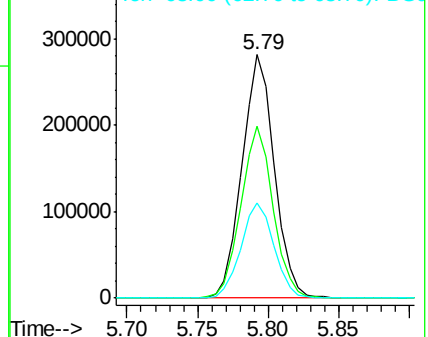
63 39.2 37.2 55.8

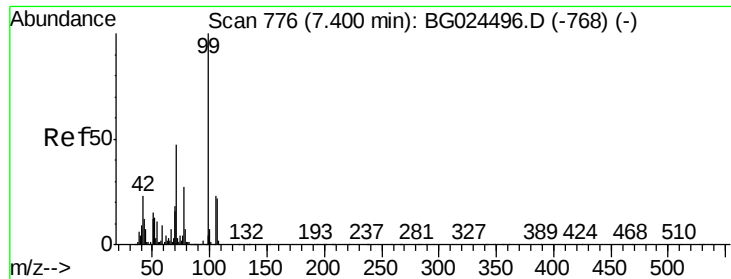


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 56.37 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024741.D

Acq: 7 Nov 2016 22:58

Instrument :

BNA_G

ClientSampleId :

GW-113-9.65-17.0

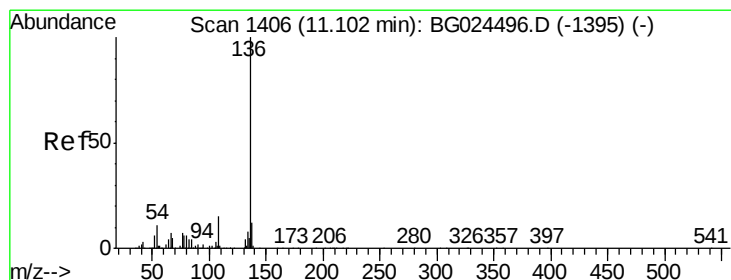
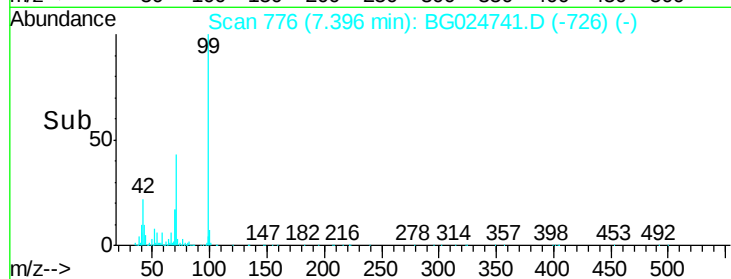
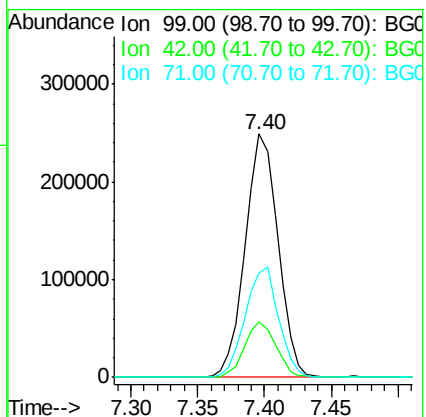
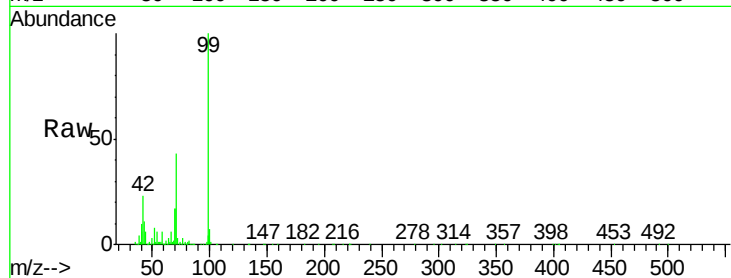
Tot Ion: 99 Resp: 422792

Ion Ratio Lower Upper

99 100

42 22.6 20.5 30.7

71 42.7 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BG024741.D

Acq: 7 Nov 2016 22:58

Tgt Ion: 136 Resp: 348470

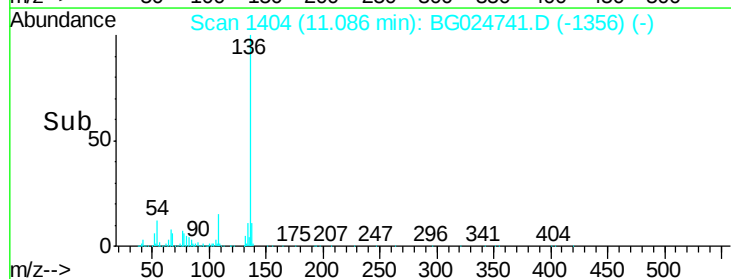
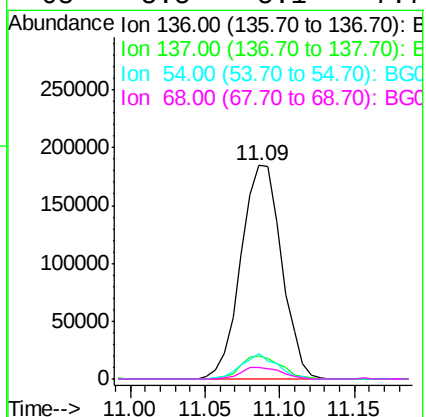
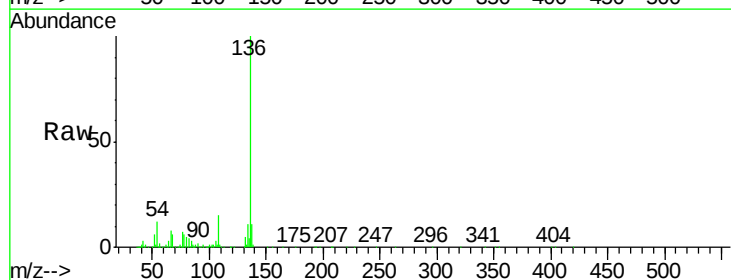
Ion Ratio Lower Upper

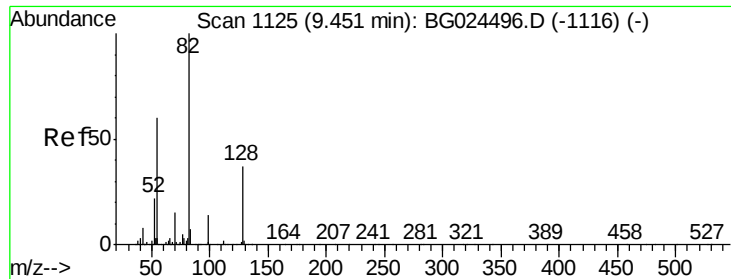
136 100

137 10.9 8.9 13.3

54 11.8 9.3 13.9

68 5.5 5.1 7.7

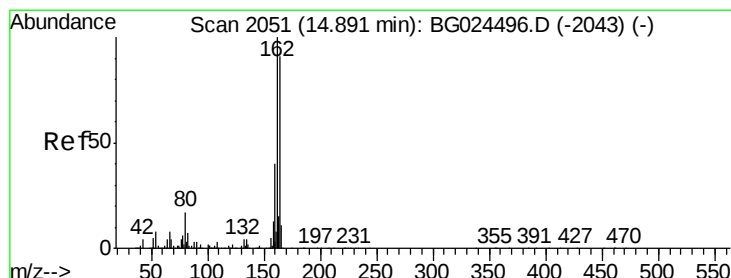
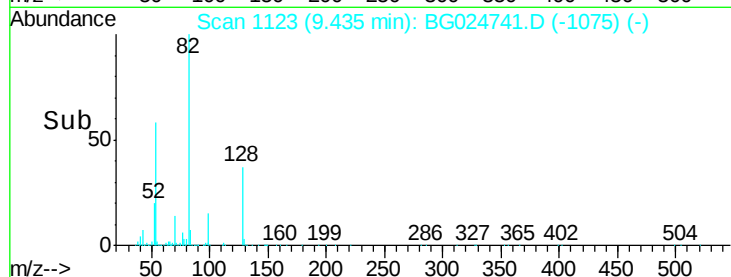
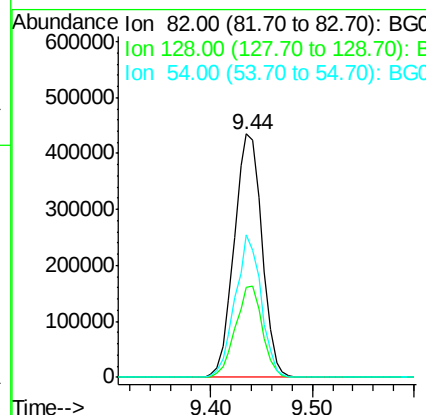
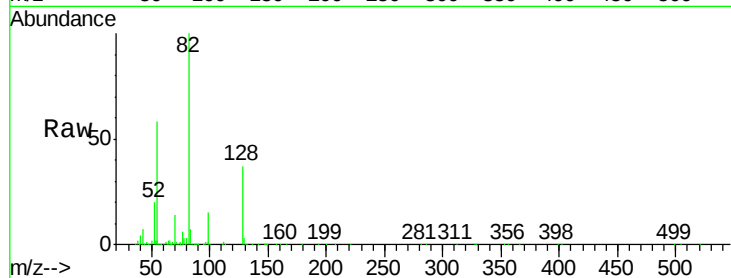




#23
 Nitrobenzene-d5
 Concen: 107.94 ng
 RT: 9.44 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BG024741.D
 Acq: 7 Nov 2016 22:58

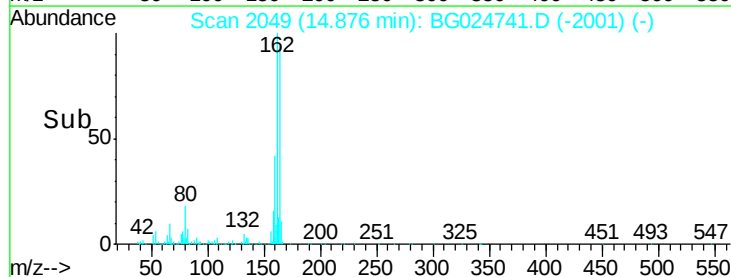
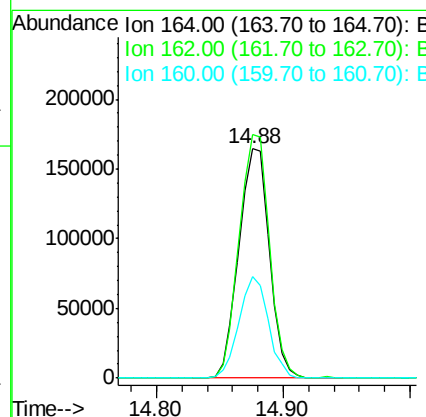
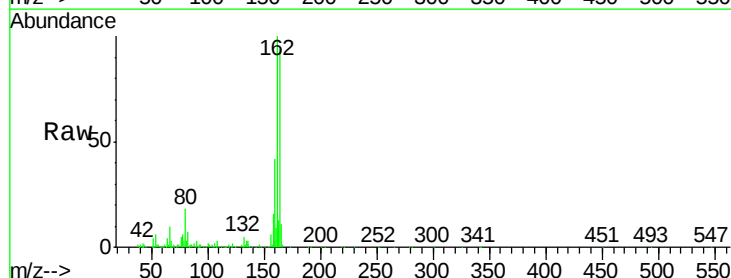
Instrument :
 BNA_G
 ClientSampleId :
 GW-113-9.65-17.0

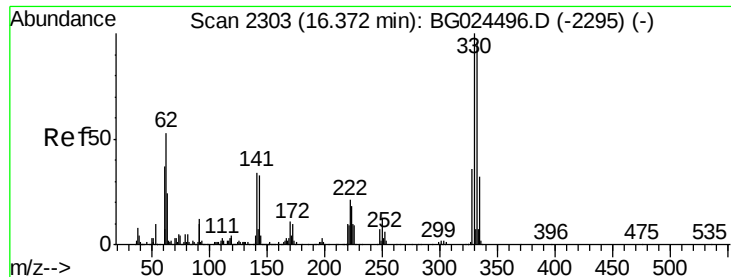
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.9	26.4	39.6
54	58.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2049
 Delta R.T. -0.02 min
 Lab File: BG024741.D
 Acq: 7 Nov 2016 22:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	85.1	127.7
160	44.3	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 166.18 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024741.D

Acq: 7 Nov 2016 22:58

Instrument :

BNA_G

ClientSampleId :

GW-113-9.65-17.0

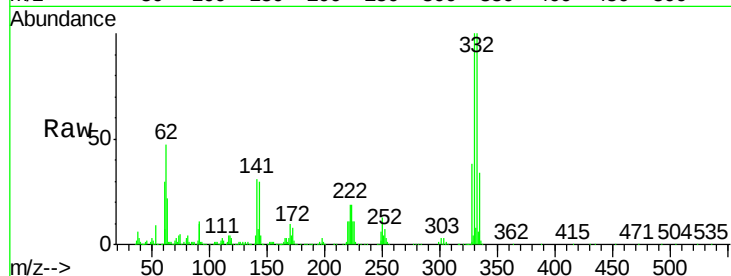
Tot Ion:330 Resp: 679248

Ion Ratio Lower Upper

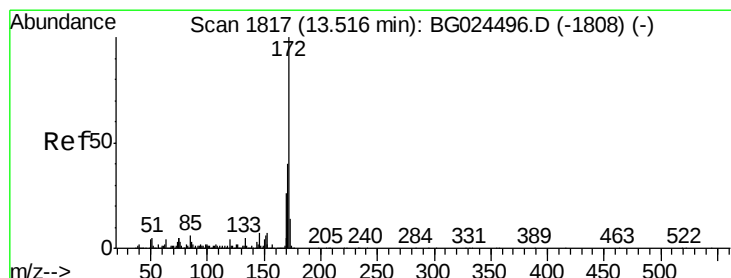
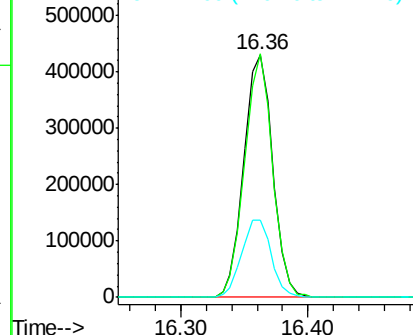
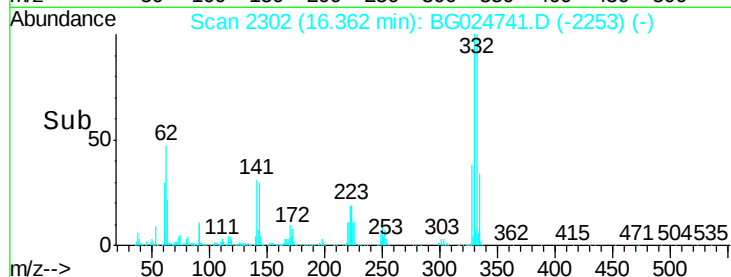
330 100

332 97.4 77.3 115.9

141 32.7 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: 107.04 ng

RT: 13.50 min Scan# 1815

Delta R.T. -0.02 min

Lab File: BG024741.D

Acq: 7 Nov 2016 22:58

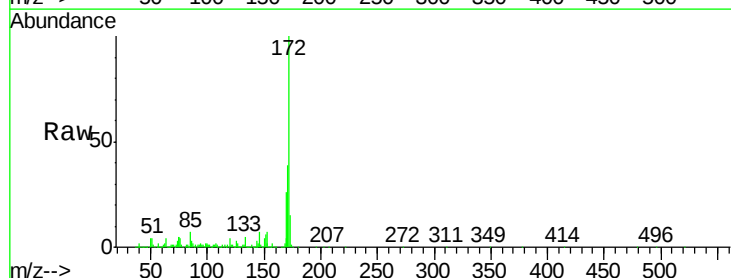
Tgt Ion:172 Resp: 1762047

Ion Ratio Lower Upper

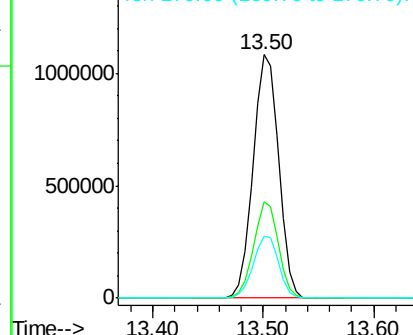
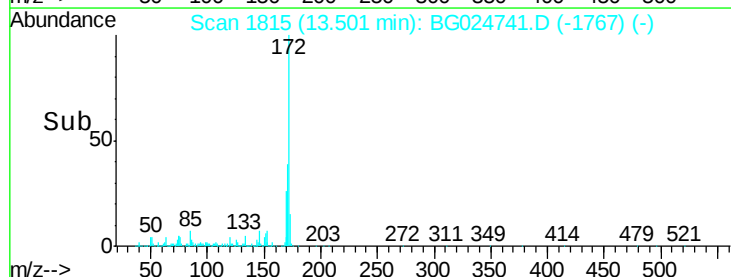
172 100

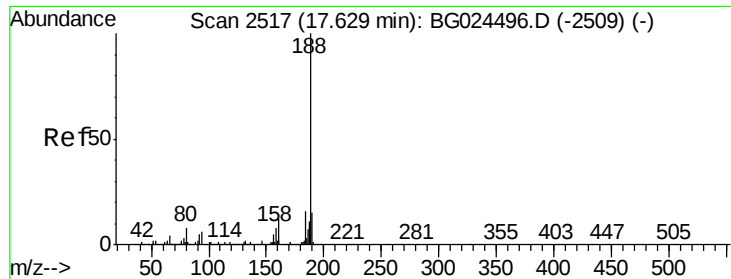
171 39.3 32.2 48.2

170 25.6 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

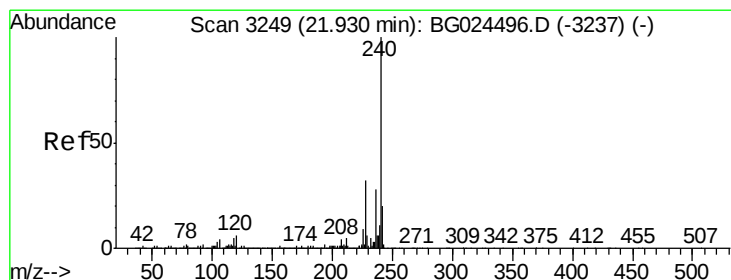
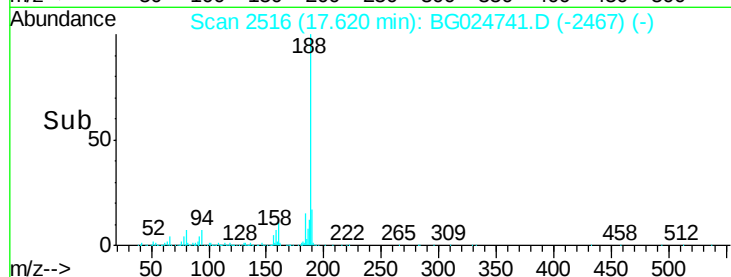
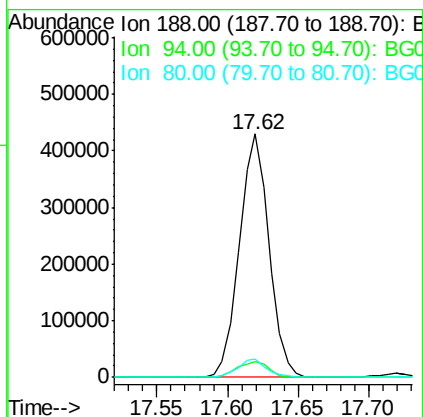
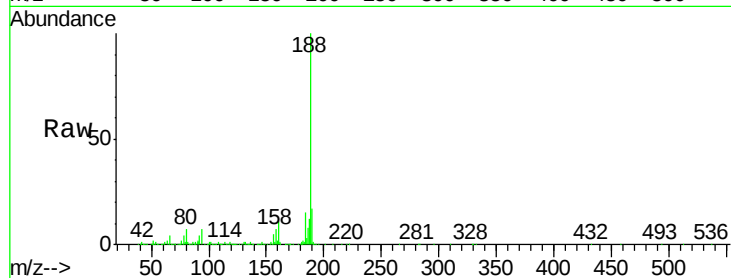




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024741.D
Acq: 7 Nov 2016 22:58

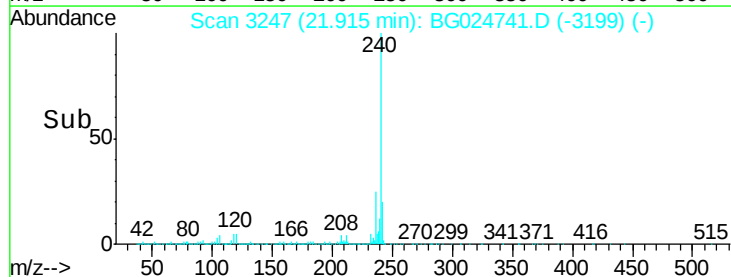
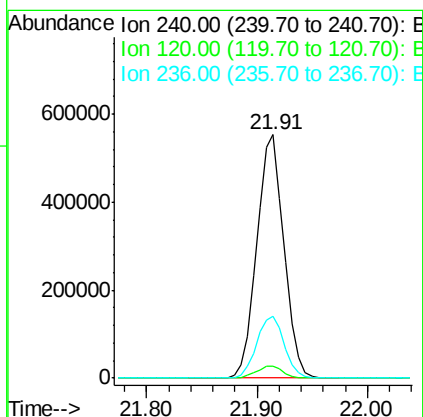
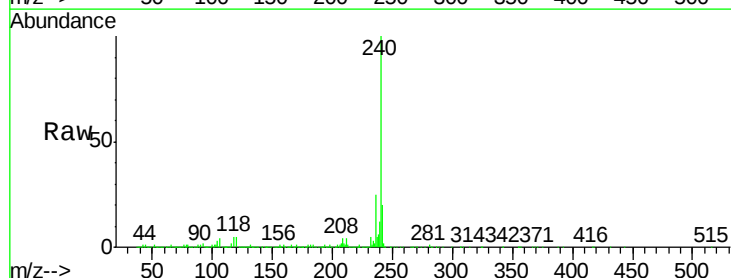
Instrument :
BNA_G
ClientSampleId :
GW-113-9.65-17.0

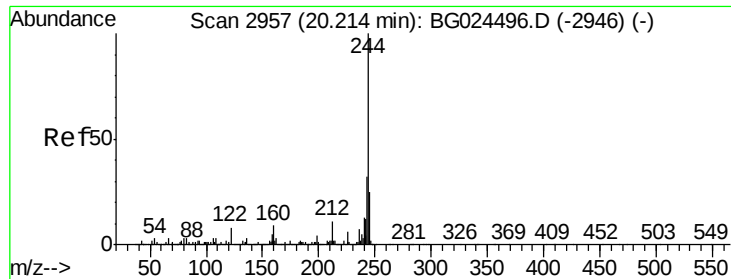
Tot Ion:188 Resp: 626847
Ion Ratio Lower Upper
188 100
94 6.6 5.8 8.8
80 7.3 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.91 min Scan# 3247
Delta R.T. -0.02 min
Lab File: BG024741.D
Acq: 7 Nov 2016 22:58

Tgt Ion:240 Resp: 949615
Ion Ratio Lower Upper
240 100
120 5.1 5.7 8.5#
236 25.4 22.2 33.4





#78

Terphenyl-d14

Concen: 92.13 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BG024741.D

Acq: 7 Nov 2016 22:58

Instrument :

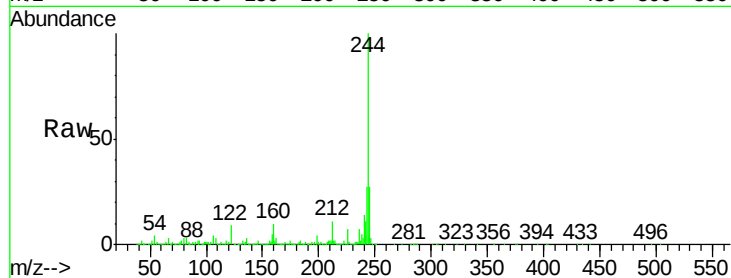
BNA_G

ClientSampleId :

GW-113-9.65-17.0

Tot Ion:244 Resp: 2927845

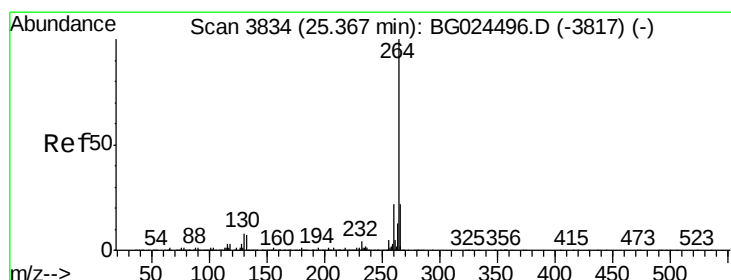
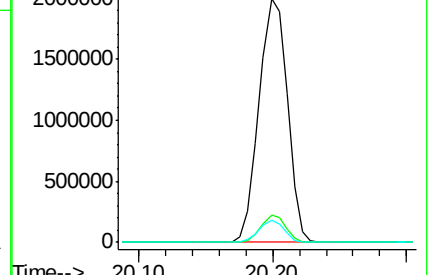
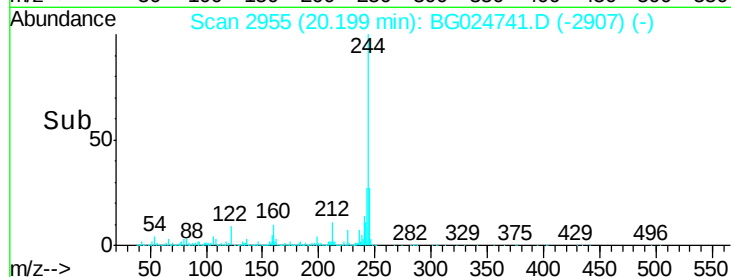
Ion	Ratio	Lower	Upper
244	100		
212	11.1	10.0	15.0
122	9.2	8.6	12.8



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: 25.33 min Scan# 3829

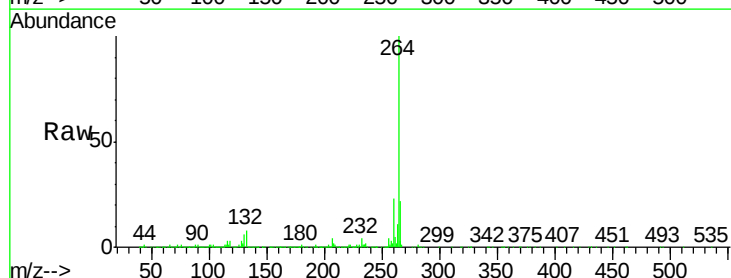
Delta R.T. -0.03 min

Lab File: BG024741.D

Acq: 7 Nov 2016 22:58

Tgt Ion:264 Resp: 996014

Ion	Ratio	Lower	Upper
264	100		
260	22.8	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

