

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
 Data File : BG024600.D
 Acq On : 1 Nov 2016 19:48
 Operator : UM/SJ
 Sample : PB94458BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94458BL

Quant Time: Nov 02 03:18:41 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	113614	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	428881	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	316369	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	732177	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1038936	20.00	ng	0.00
86) Perylene-d12	25.34	264	1067639	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	474457	68.44	ng	0.00
7) Phenol-d6	7.40	99	657218	69.12	ng	0.00
23) Nitrobenzene-d5	9.44	82	839274	89.10	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	323112	68.36	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1720415	90.38	ng	0.00
78) Terphenyl-d14	20.20	244	3038073	87.38	ng	0.00

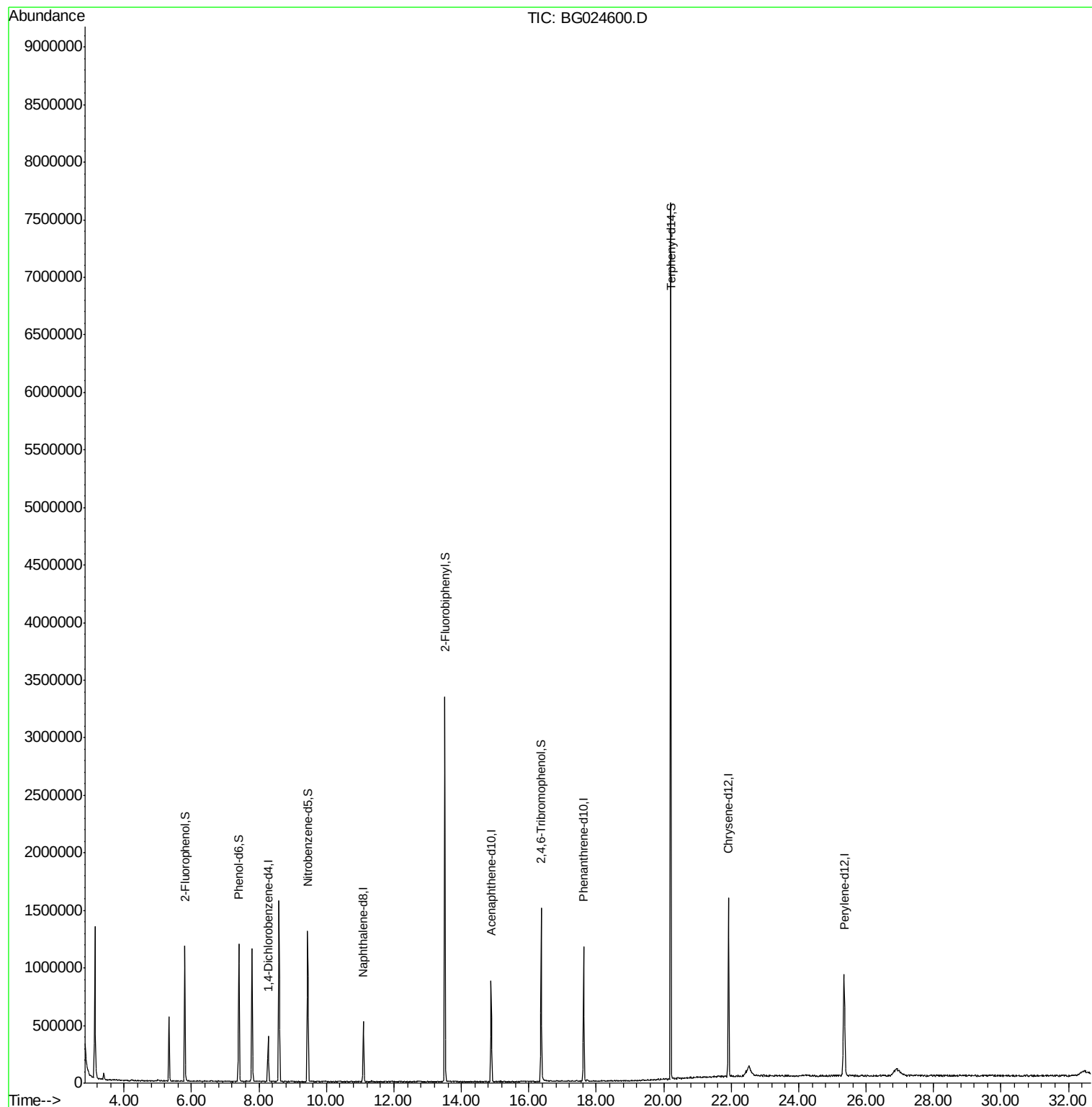
Target Compounds Qvalue

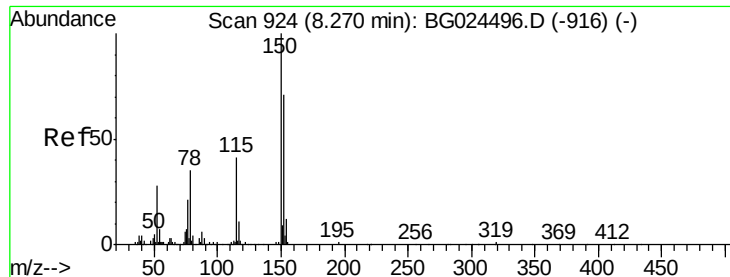
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024600.D

Acq: 1 Nov 2016 19:48

Instrument :

BNA_G

ClientSampleId :

PB94458BL

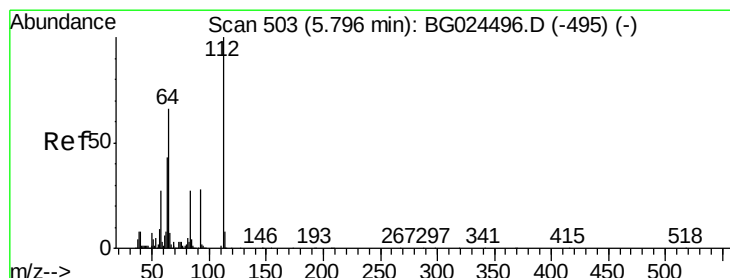
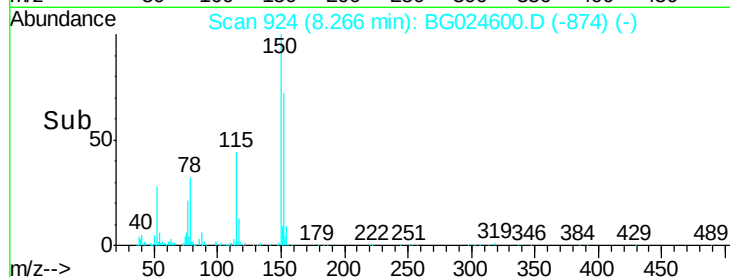
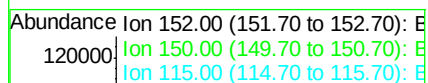
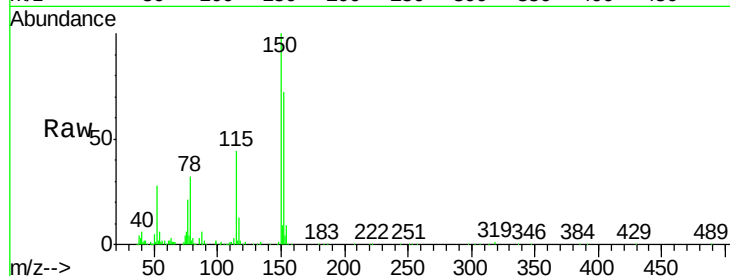
Tot Ion:152 Resp: 113614

Ion Ratio Lower Upper

152 100

150 139.9 114.0 171.0

115 61.6 48.1 72.1



#5

2-Fluorophenol

Concen: 68.44 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024600.D

Acq: 1 Nov 2016 19:48

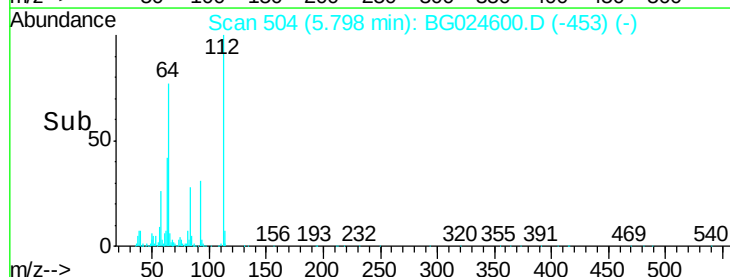
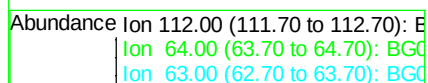
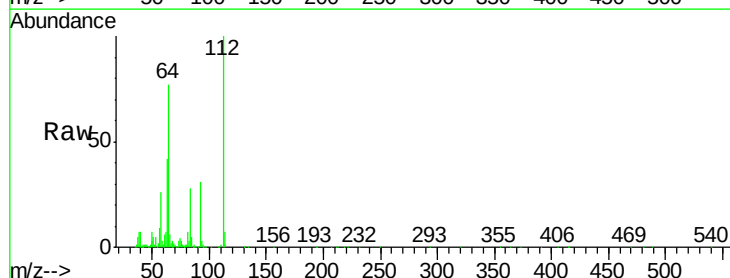
Tgt Ion:112 Resp: 474457

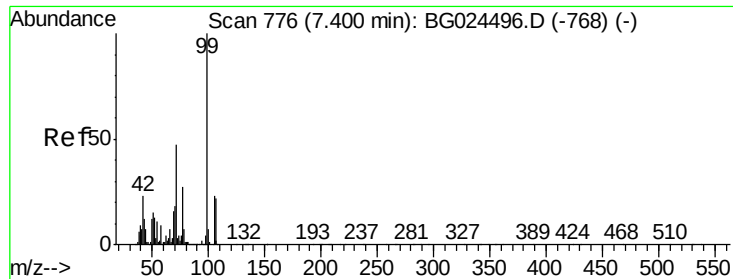
Ion Ratio Lower Upper

112 100

64 77.1 61.8 92.6

63 42.1 37.2 55.8





#7

Phenol-d6

Concen: 69.12 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024600.D

Acq: 1 Nov 2016 19:48

Instrument :

BNA_G

ClientSampleId :

PB94458BL

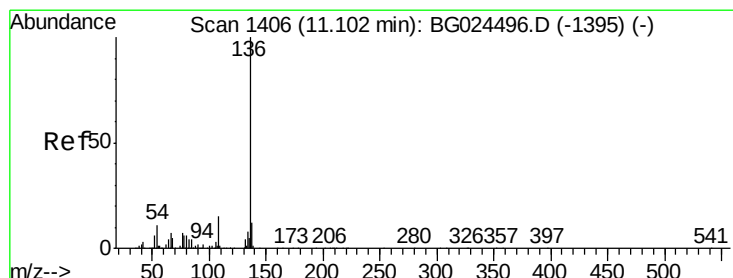
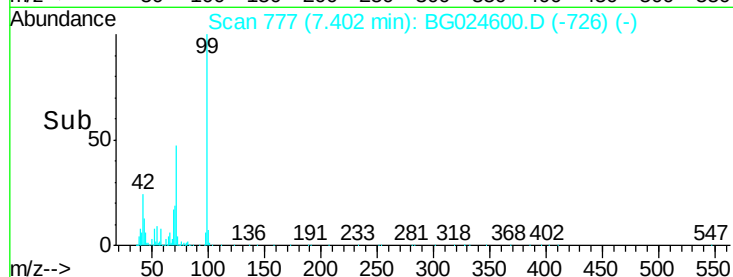
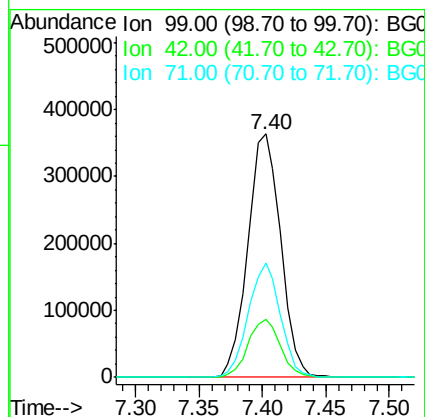
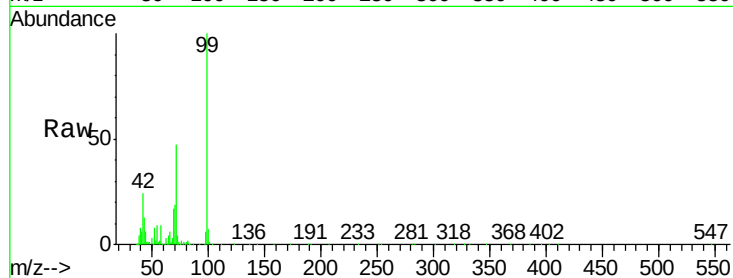
Tot Ion: 99 Resp: 657218

Ion Ratio Lower Upper

99 100

42 23.9 20.5 30.7

71 47.1 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024600.D

Acq: 1 Nov 2016 19:48

Tgt Ion: 136 Resp: 428881

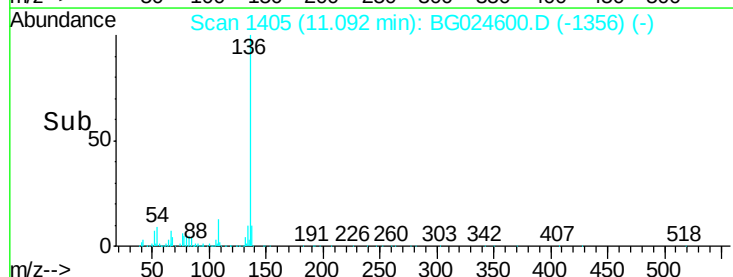
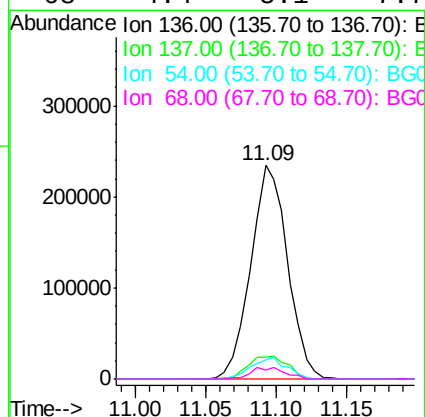
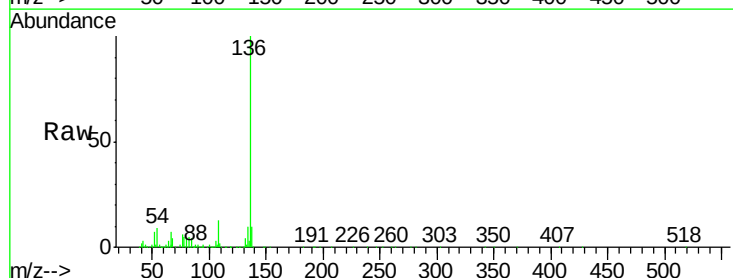
Ion Ratio Lower Upper

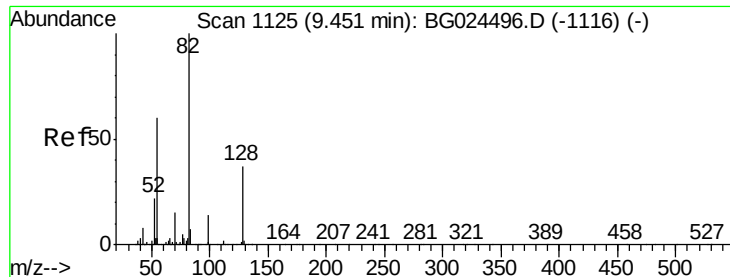
136 100

137 10.0 8.9 13.3

54 8.9 9.3 13.9#

68 4.4 5.1 7.7#

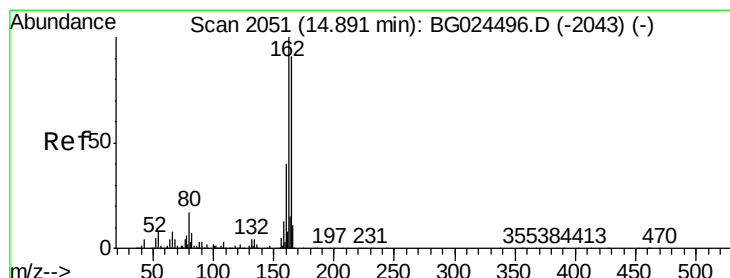
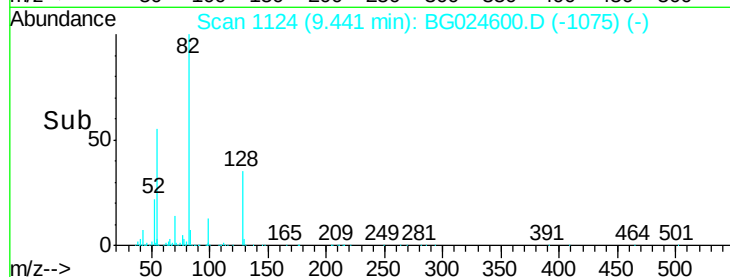
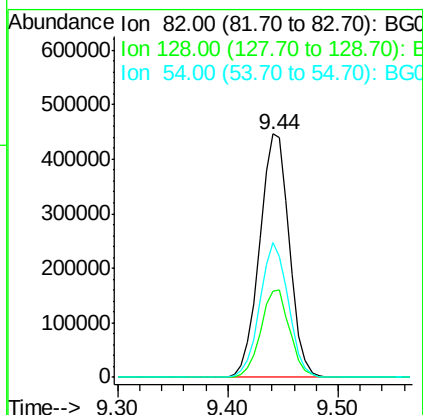
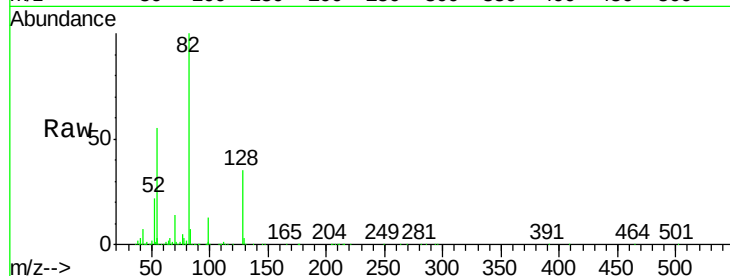




#23
 Nitrobenzene-d5
 Concen: 89.10 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024600.D
 Acq: 1 Nov 2016 19:48

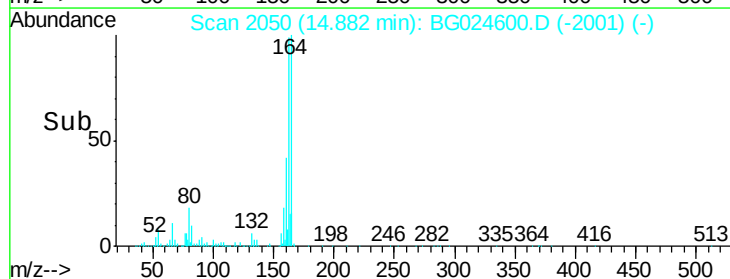
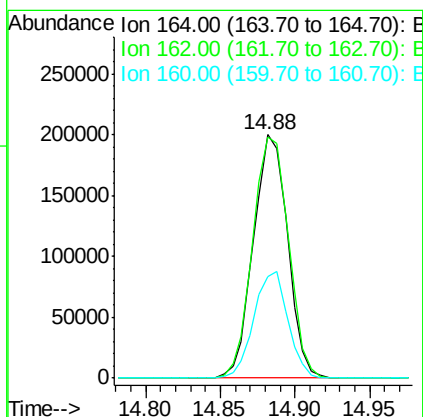
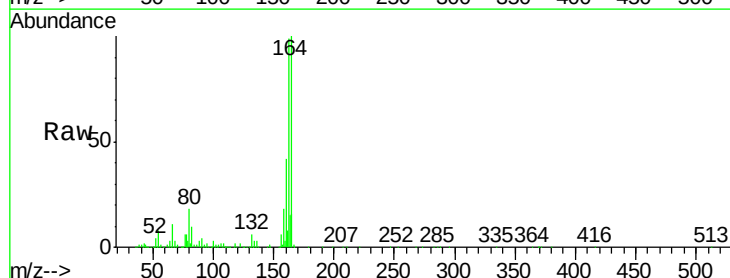
Instrument :
 BNA_G
 ClientSampleID :
 PB94458BL

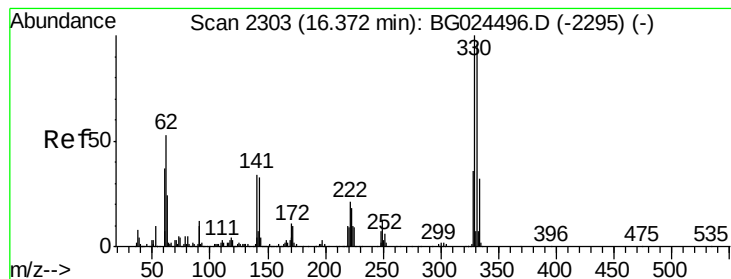
Tot Ion	82	Resp	839274
Ion Ratio	Lower	Upper	
82	100		
128	35.3	26.4	39.6
54	55.2	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024600.D
 Acq: 1 Nov 2016 19:48

Tgt Ion	164	Resp	316369
Ion Ratio	Lower	Upper	
164	100		
162	99.3	85.1	127.7
160	41.8	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 68.36 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024600.D

Acq: 1 Nov 2016 19:48

Instrument :

BNA_G

ClientSampleId :

PB94458BL

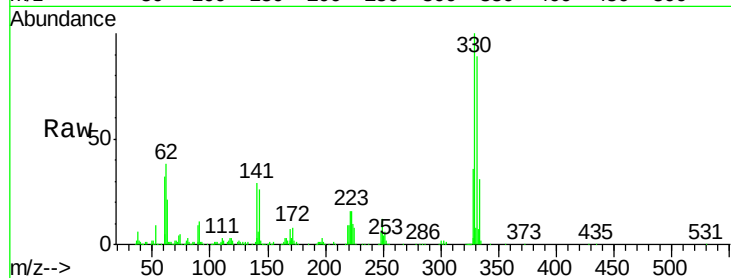
Tot Ion:330 Resp: 323112

Ion Ratio Lower Upper

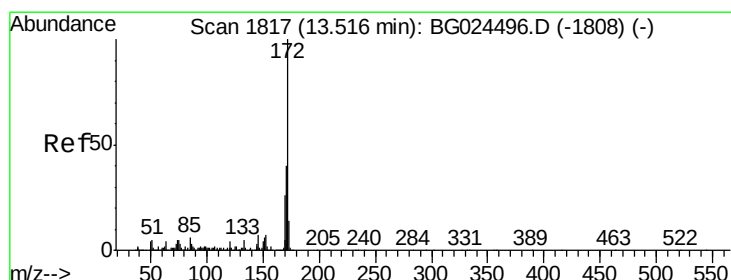
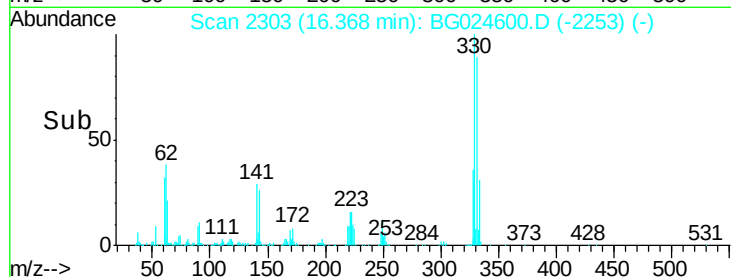
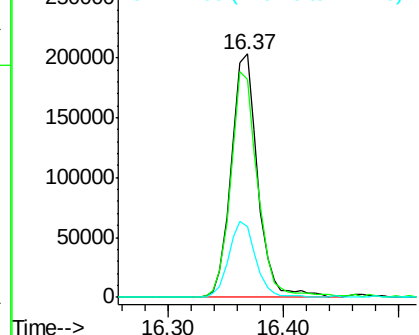
330 100

332 94.3 77.3 115.9

141 31.8 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: 90.38 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BG024600.D

Acq: 1 Nov 2016 19:48

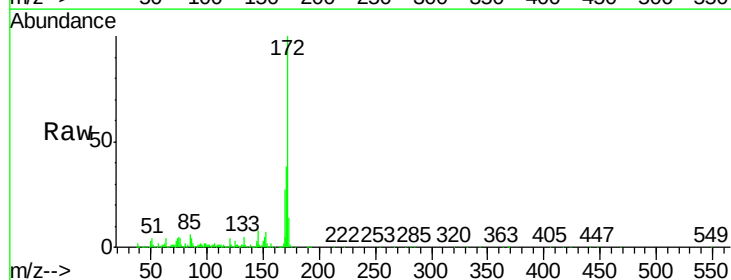
Tgt Ion:172 Resp: 1720415

Ion Ratio Lower Upper

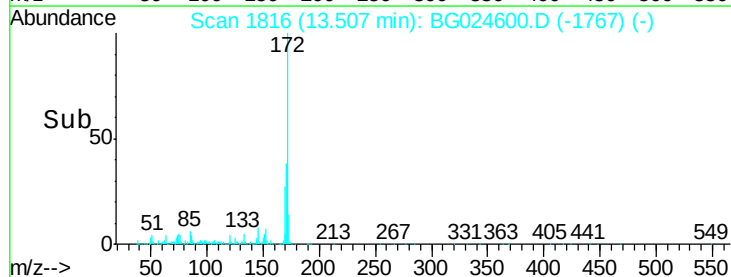
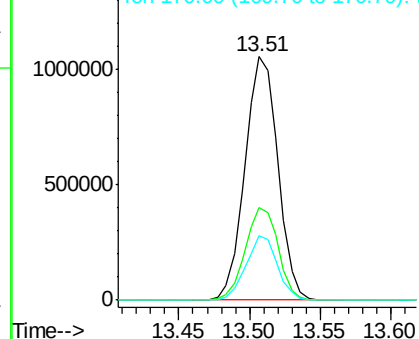
172 100

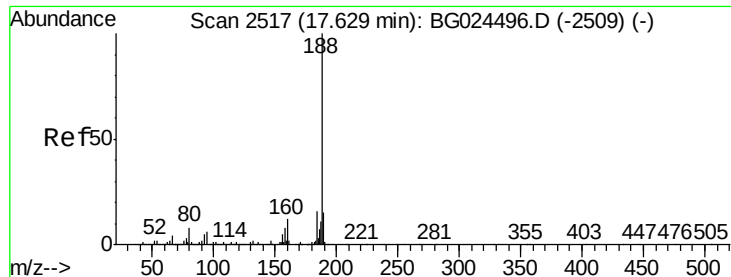
171 38.2 32.2 48.2

170 26.6 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

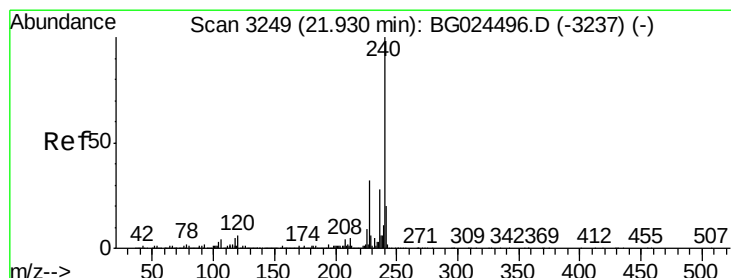
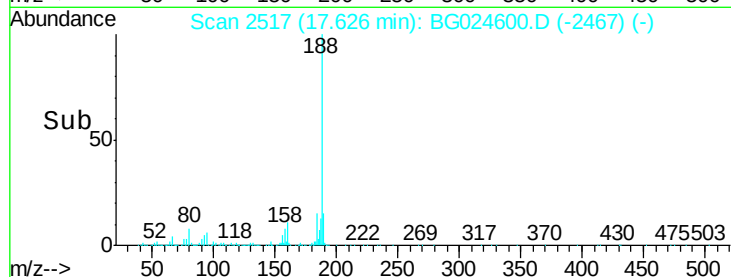
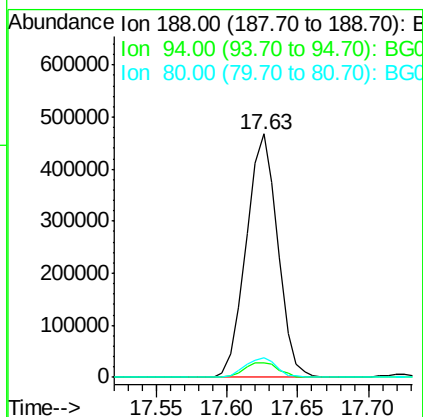
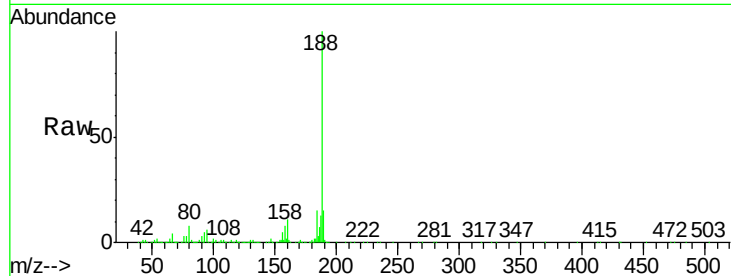




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024600.D
Acq: 1 Nov 2016 19:48

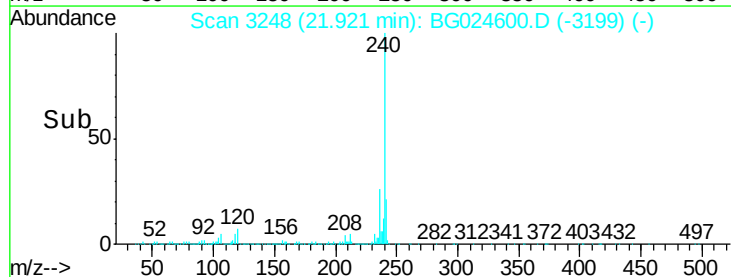
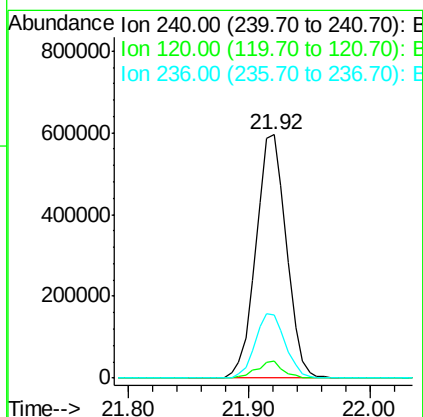
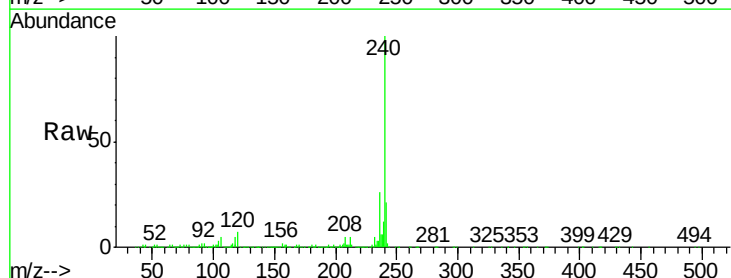
Instrument :
BNA_G
ClientSampleId :
PB94458BL

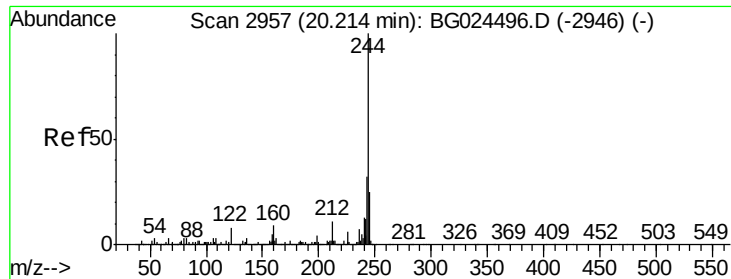
Tot Ion:188 Resp: 732177
Ion Ratio Lower Upper
188 100
94 6.1 5.8 8.8
80 8.3 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024600.D
Acq: 1 Nov 2016 19:48

Tgt Ion:240 Resp: 1038936
Ion Ratio Lower Upper
240 100
120 6.8 5.7 8.5
236 25.7 22.2 33.4





#78

Terphenyl-d14

Concen: 87.38 ng

RT: 20.20 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024600.D

Acq: 1 Nov 2016 19:48

Instrument :

BNA_G

ClientSampleId :

PB94458BL

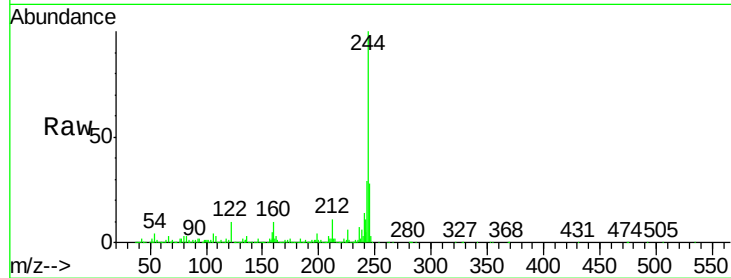
Tot Ion:244 Resp: 3038073

Ion Ratio Lower Upper

244 100

212 11.1 10.0 15.0

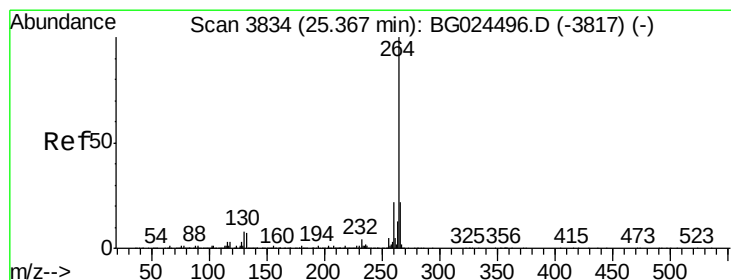
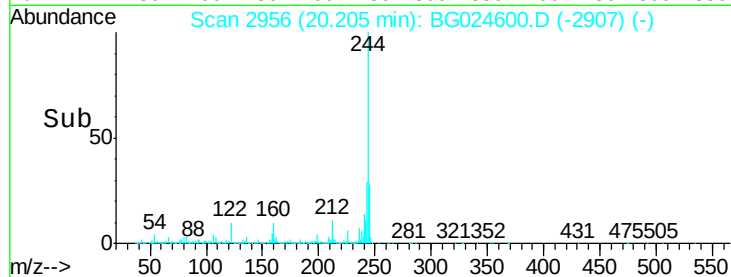
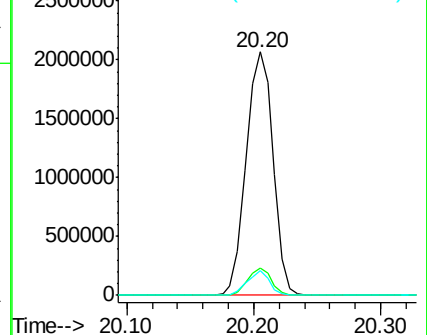
122 10.2 8.6 12.8



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: 25.34 min Scan# 3830

Delta R.T. -0.03 min

Lab File: BG024600.D

Acq: 1 Nov 2016 19:48

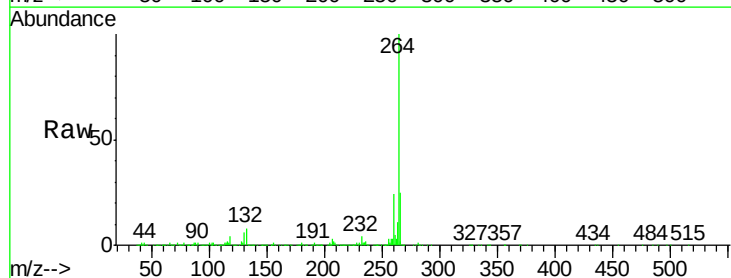
Tgt Ion:264 Resp: 1067639

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 24.5 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

