

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017270.D
 Acq On : 23 May 2015 7:22
 Operator : TP/IZ
 Sample : G2353-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VE1-2

Quant Time: May 26 00:39:31 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 25 08:11:45 2015
 Response via : Initial Calibration

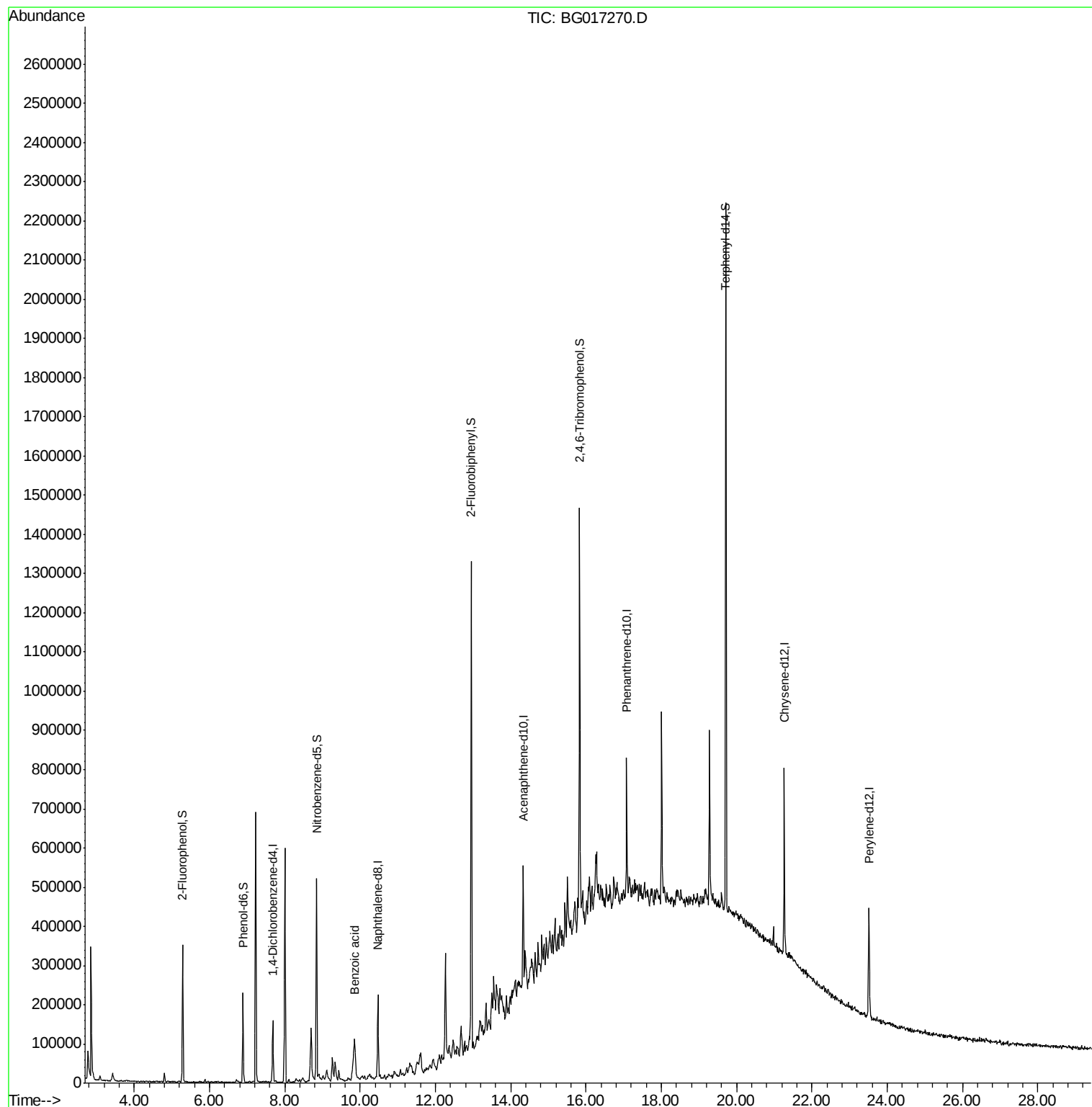
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	35508	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	150822	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	87198	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	183123	20.00	ng	0.00
75) Chrysene-d12	21.27	240	200961	20.00	ng	0.00
86) Perylene-d12	23.52	264	191563	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	129101	64.51	ng	0.00
7) Phenol-d6	6.89	99	104232	37.11	ng	0.00
23) Nitrobenzene-d5	8.85	82	276090	85.46	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	151573	143.80	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	540821	91.01	ng	0.00
78) Terphenyl-d14	19.72	244	701325	72.73	ng	0.00
Target Compounds						
32) Benzoic acid	9.84	122	50517	32.05	ng	Qvalue 91

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG017270.D

Acq: 23 May 2015 7:22

Instrument :

BNA_G

ClientSampled :

VE1-2

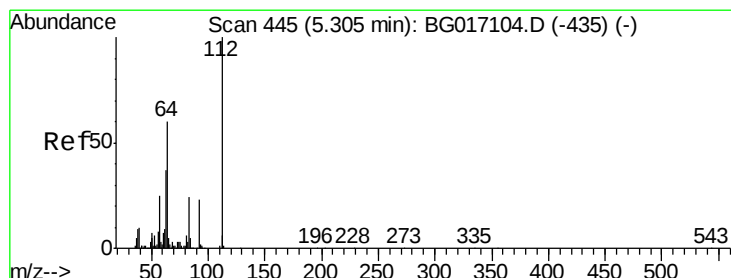
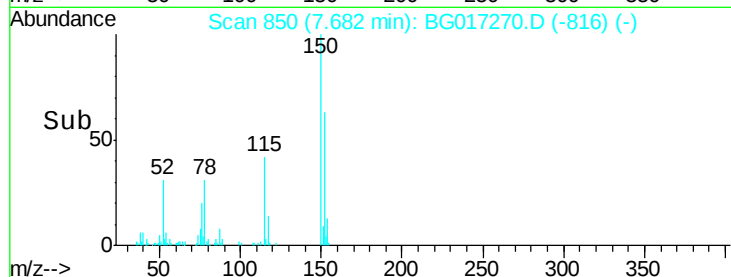
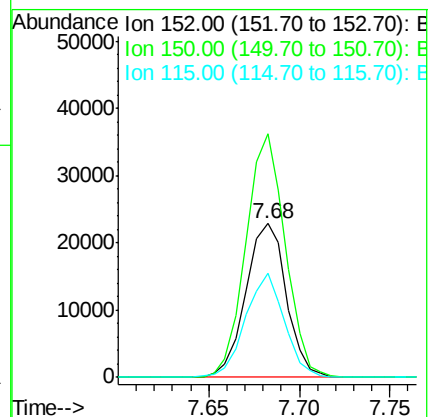
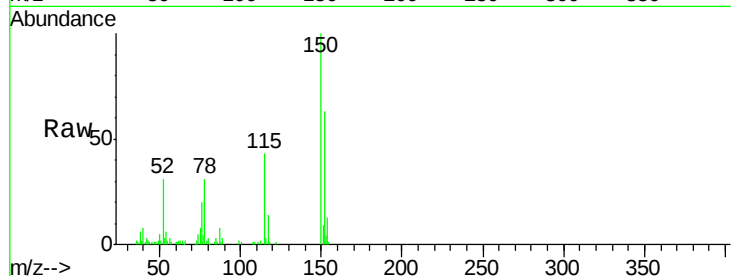
Tgt Ion:152 Resp: 35508

Ion Ratio Lower Upper

152 100

150 158.2 120.8 181.2

115 67.5 49.4 74.2



#5

2-Fluorophenol

Concen: 64.51 ng

RT: 5.29 min Scan# 442

Delta R.T. 0.01 min

Lab File: BG017270.D

Acq: 23 May 2015 7:22

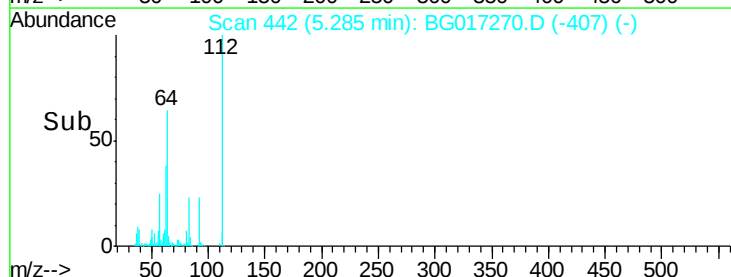
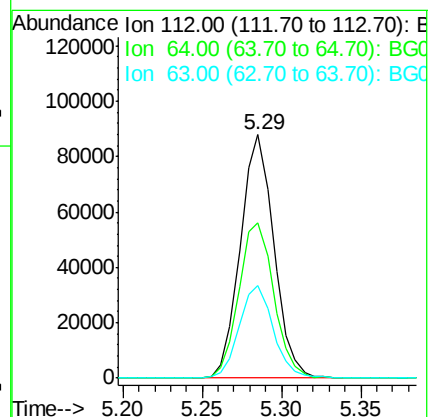
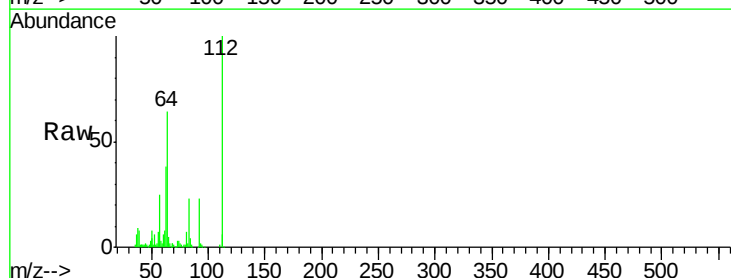
Tgt Ion:112 Resp: 129101

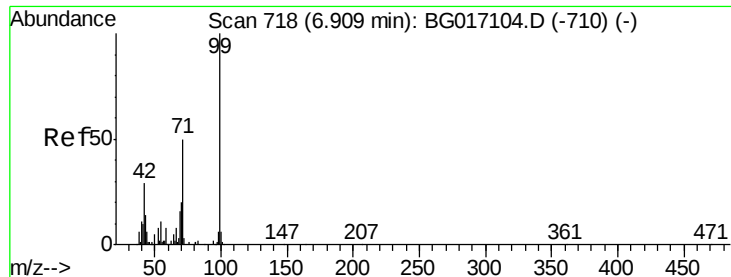
Ion Ratio Lower Upper

112 100

64 63.6 48.1 72.1

63 38.3 29.8 44.8





#7

Phenol-d6

Concen: 37.11 ng

RT: 6.89 min Scan# 715

Delta R.T. 0.01 min

Lab File: BG017270.D

Acq: 23 May 2015 7:22

Instrument :

BNA_G

ClientSampleId :

VE1-2

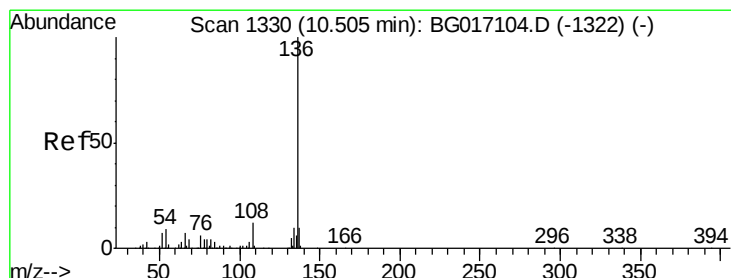
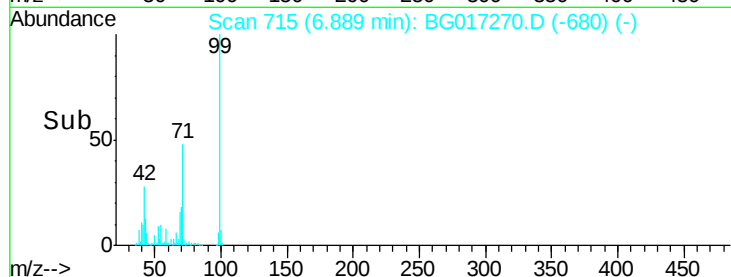
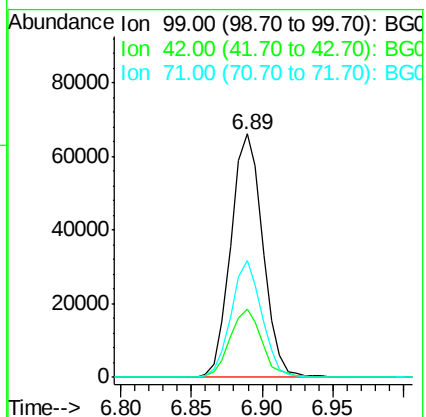
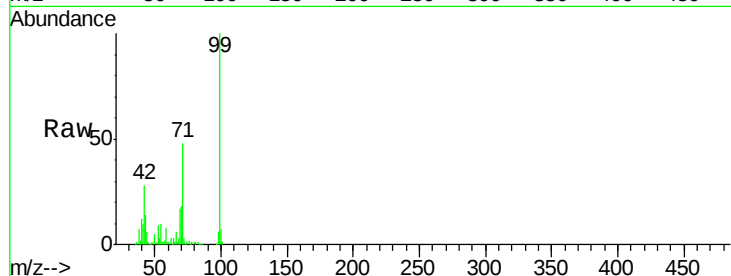
Tgt Ion: 99 Resp: 104232

Ion Ratio Lower Upper

99 100

42 27.9 23.5 35.3

71 48.0 39.8 59.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BG017270.D

Acq: 23 May 2015 7:22

Tgt Ion: 136 Resp: 150822

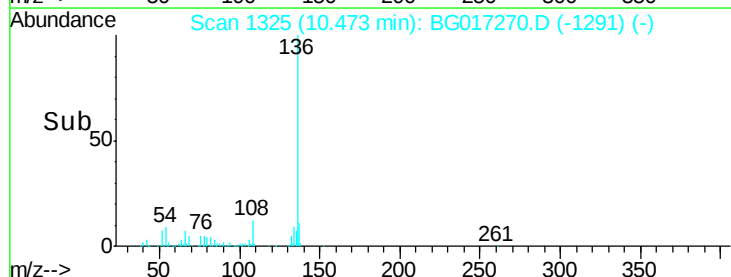
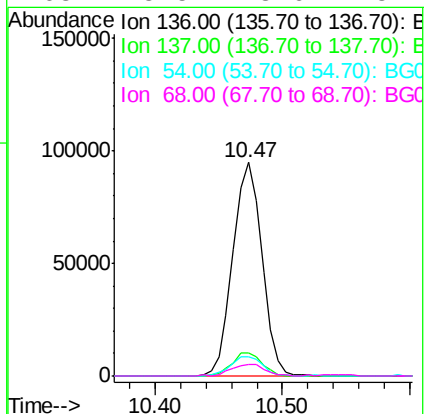
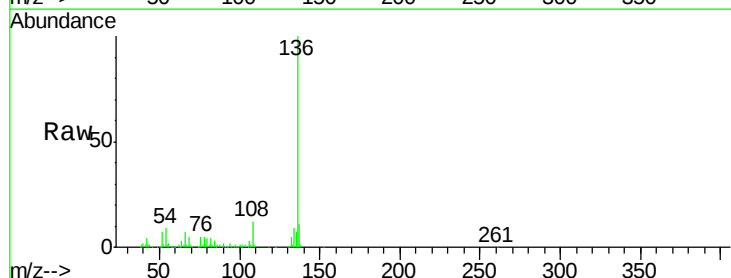
Ion Ratio Lower Upper

136 100

137 10.6 8.3 12.5

54 9.1 7.4 11.2

68 5.5 3.6 5.4#

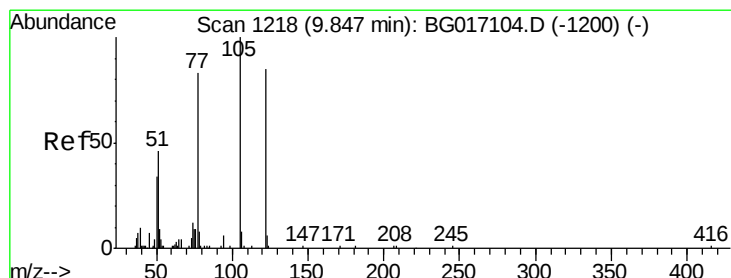
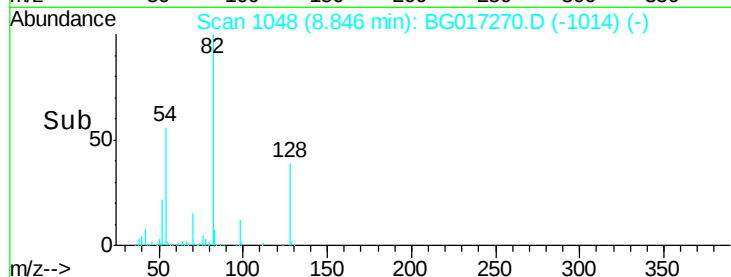
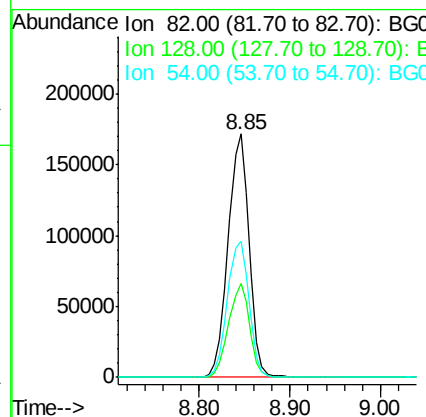
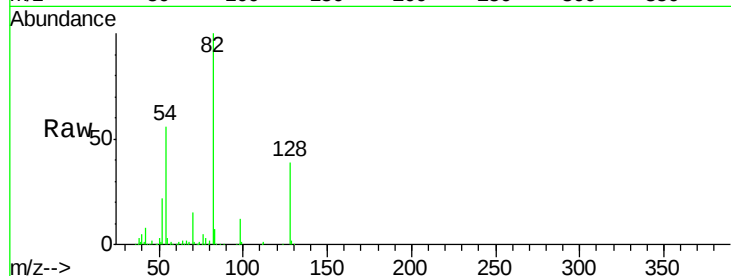




#23
 Nitrobenzene-d5
 Concen: 85.46 ng
 RT: 8.85 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG017270.D
 Acq: 23 May 2015 7:22

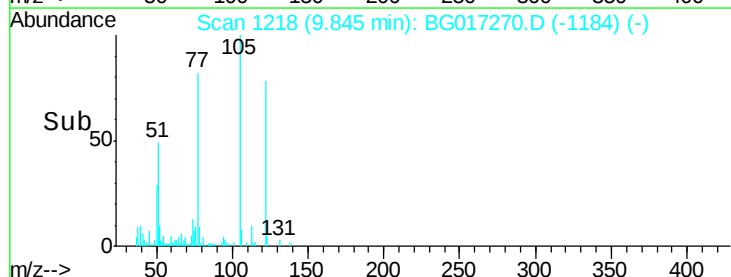
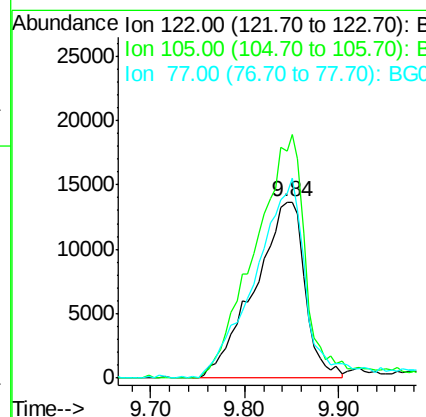
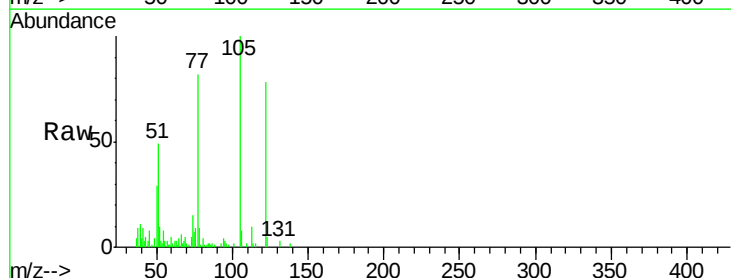
Instrument :
 BNA_G
 ClientSampleId :
 VE1-2

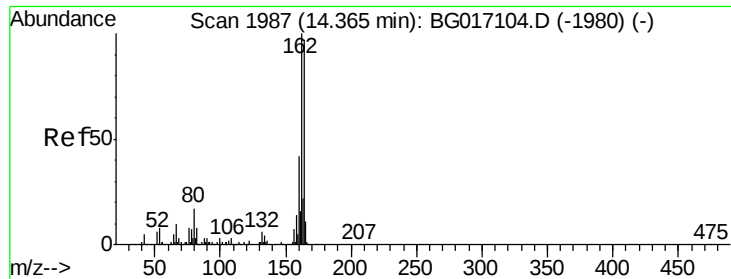
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.7	32.6	49.0
54	55.7	49.6	74.4



#32
 Benzoic acid
 Concen: 32.05 ng
 RT: 9.84 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: BG017270.D
 Acq: 23 May 2015 7:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.8	96.7	136.7
77	105.4	78.5	118.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BG017270.D

Acq: 23 May 2015 7:22

Instrument :

BNA_G

ClientSampleId :

VE1-2

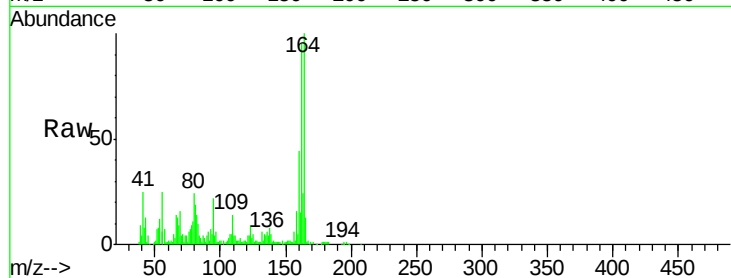
Tgt Ion:164 Resp: 87198

Ion Ratio Lower Upper

164 100

162 95.0 82.1 123.1

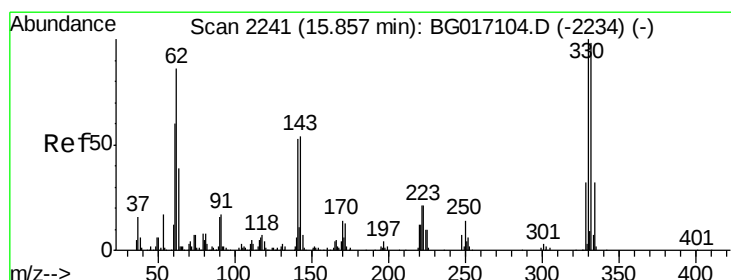
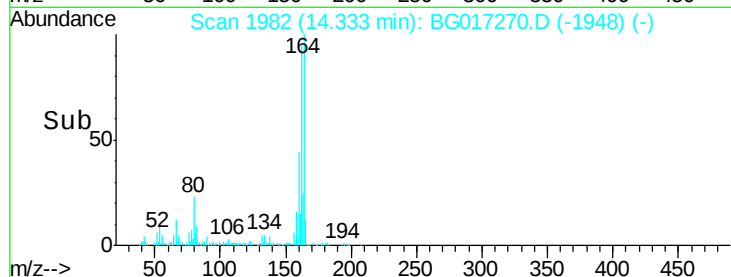
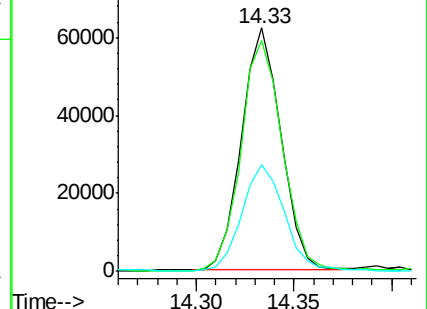
160 43.8 34.8 52.2



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: 143.80 ng

RT: 15.83 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BG017270.D

Acq: 23 May 2015 7:22

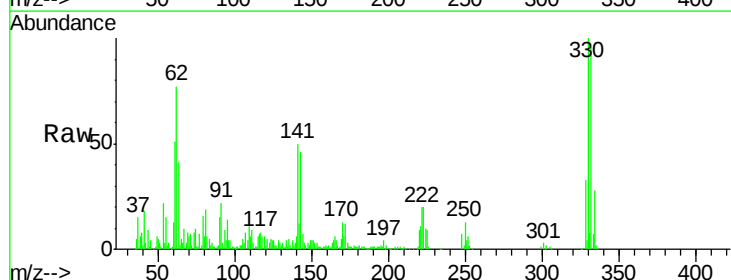
Tgt Ion:330 Resp: 151573

Ion Ratio Lower Upper

330 100

332 97.8 76.9 115.3

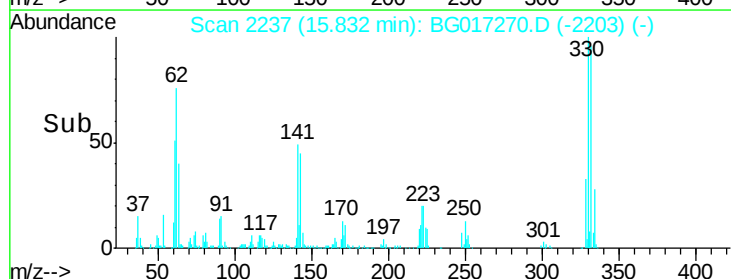
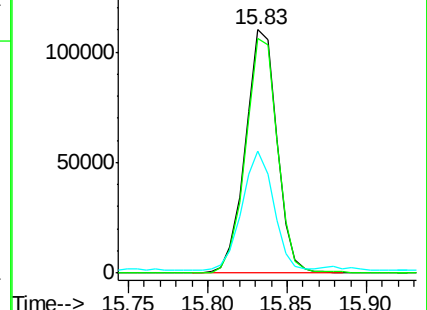
141 49.4 42.2 63.2

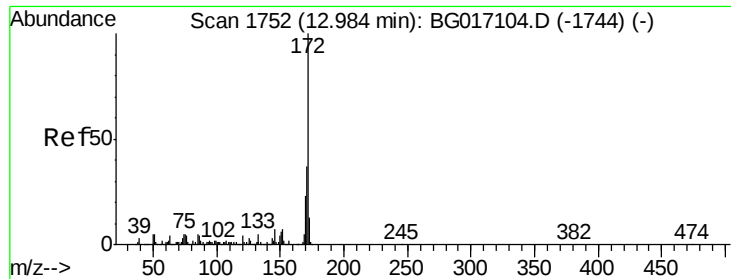


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

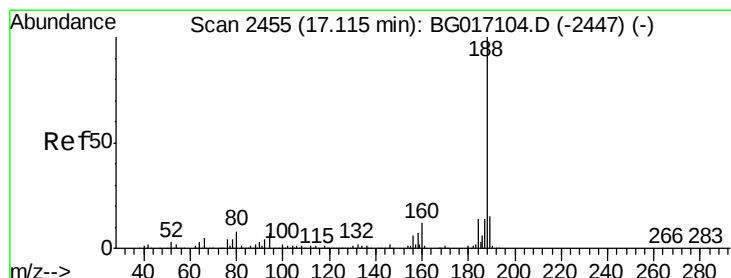
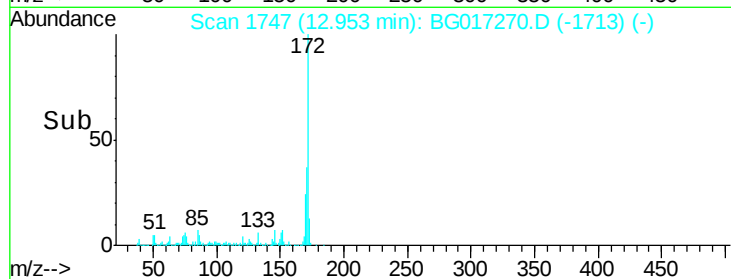
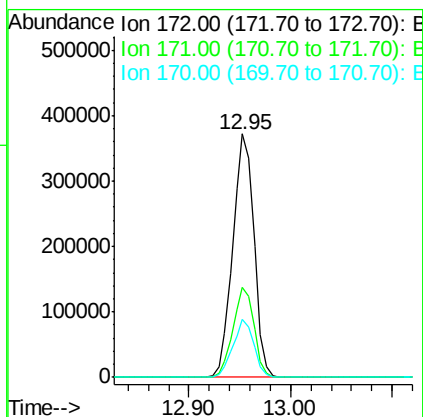
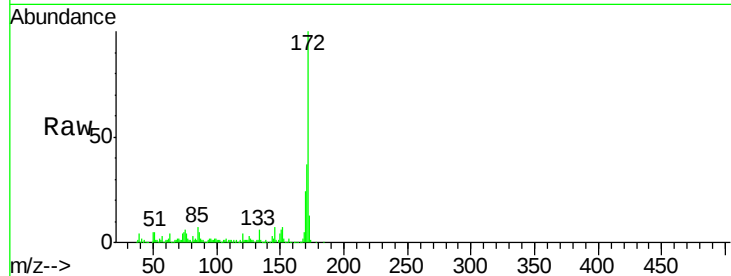




#44
 2-Fluorobiphenyl
 Concen: 91.01 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BG017270.D
 Acq: 23 May 2015 7:22

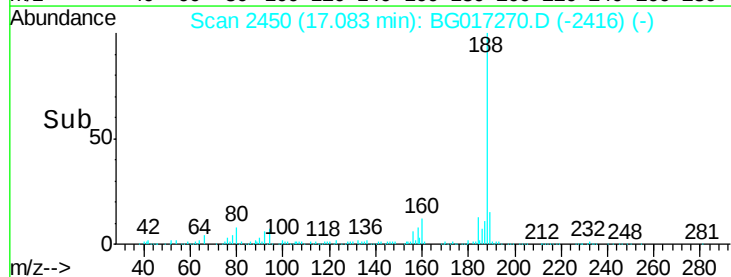
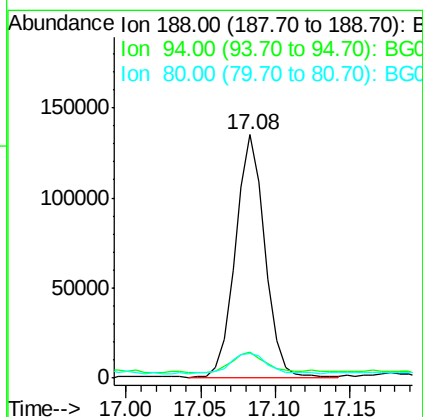
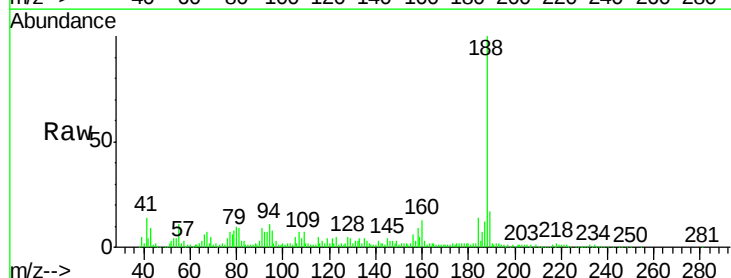
Instrument :
 BNA_G
 ClientSampleId :
 VE1-2

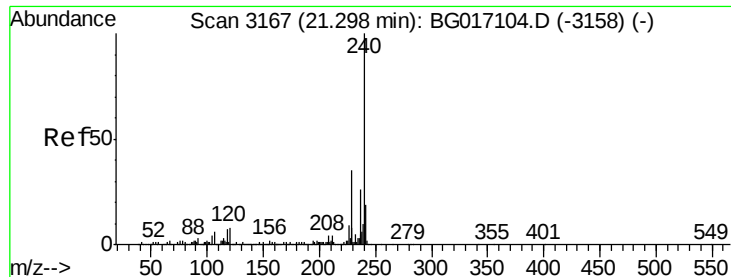
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	23.9	18.4	27.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.08 min Scan# 2450
 Delta R.T. 0.00 min
 Lab File: BG017270.D
 Acq: 23 May 2015 7:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	5.8	8.6#
80	10.4	6.5	9.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.27 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BG017270.D

Acq: 23 May 2015 7:22

Instrument :

BNA_G

ClientSampleId :

VE1-2

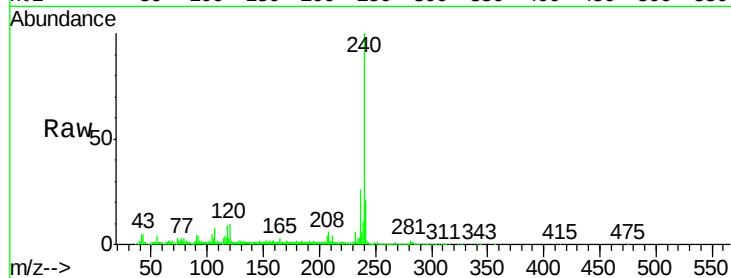
Tgt Ion:240 Resp: 200961

Ion Ratio Lower Upper

240 100

120 9.9 6.0 9.0#

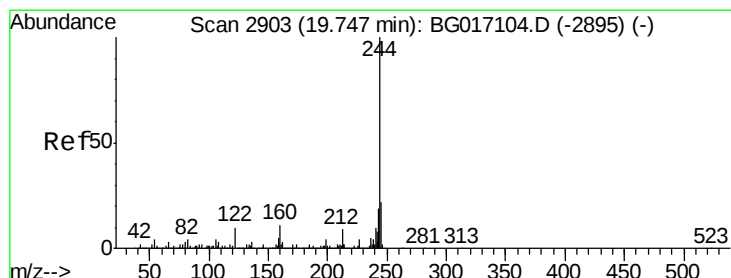
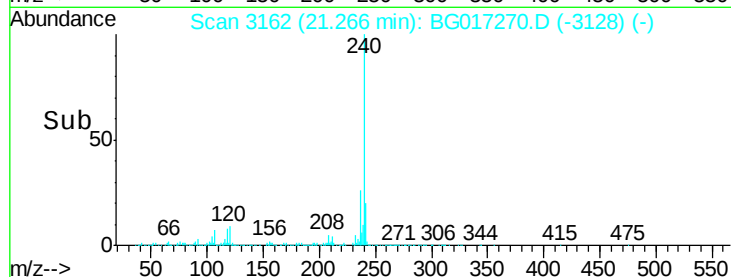
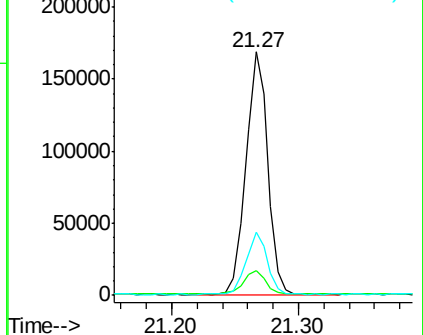
236 25.8 20.5 30.7



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: 72.73 ng

RT: 19.72 min Scan# 2899

Delta R.T. 0.01 min

Lab File: BG017270.D

Acq: 23 May 2015 7:22

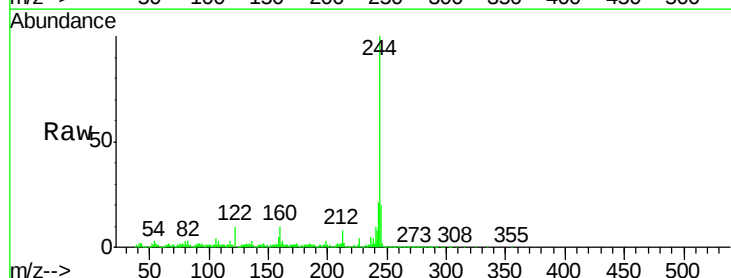
Tgt Ion:244 Resp: 701325

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

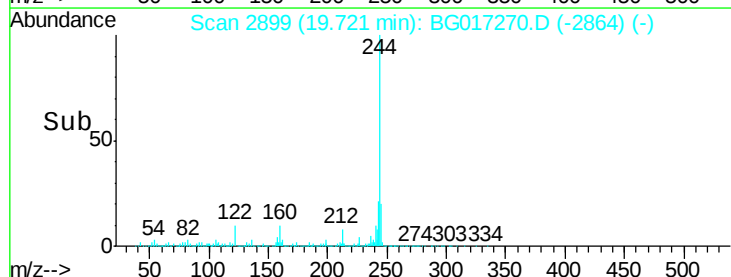
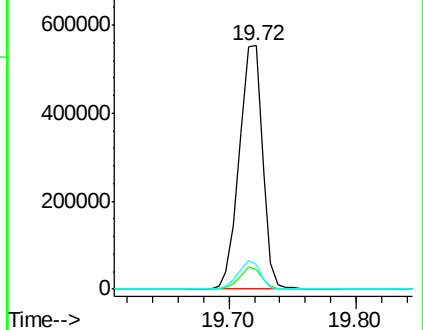
122 9.9 8.4 12.6

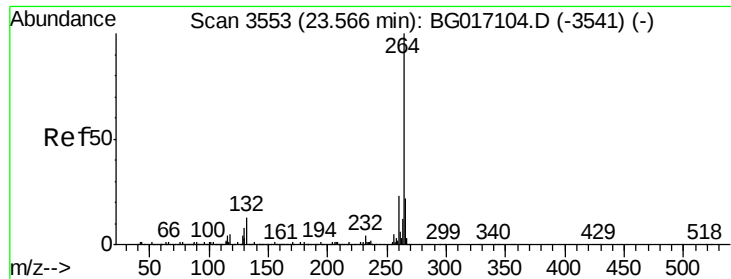


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.52 min Scan# 3545

Delta R.T. 0.00 min

Lab File: BG017270.D

Acq: 23 May 2015 7:22

Instrument :

BNA_G

ClientSampleId :

VE1-2

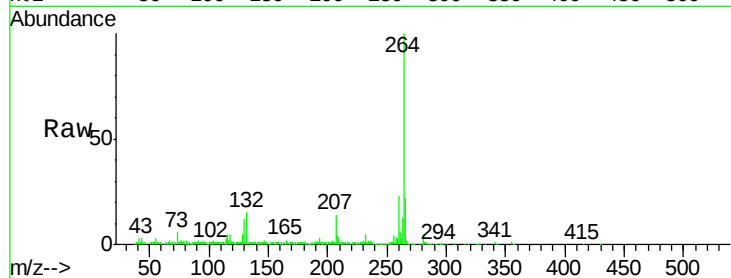
Tgt Ion: 264 Resp: 191563

Ion Ratio Lower Upper

264 100

260 23.5 18.0 27.0

265 22.4 17.4 26.0



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

