

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017271.D
 Acq On : 23 May 2015 7:57
 Operator : TP/IZ
 Sample : G2353-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VE1-4

Quant Time: May 26 00:42:18 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	32302	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	135776	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	80446	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	167224	20.00	ng	0.00
75) Chrysene-d12	21.27	240	184650	20.00	ng	0.00
86) Perylene-d12	23.52	264	185259	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	111118	61.03	ng	0.00
7) Phenol-d6	6.89	99	90499	35.42	ng	0.00
23) Nitrobenzene-d5	8.84	82	250552	86.15	ng	0.00
41) 2,4,6-Tribromophenol	15.84	330	131447	135.17	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	492937	89.91	ng	0.00
78) Terphenyl-d14	19.71	244	618191	69.77	ng	0.00

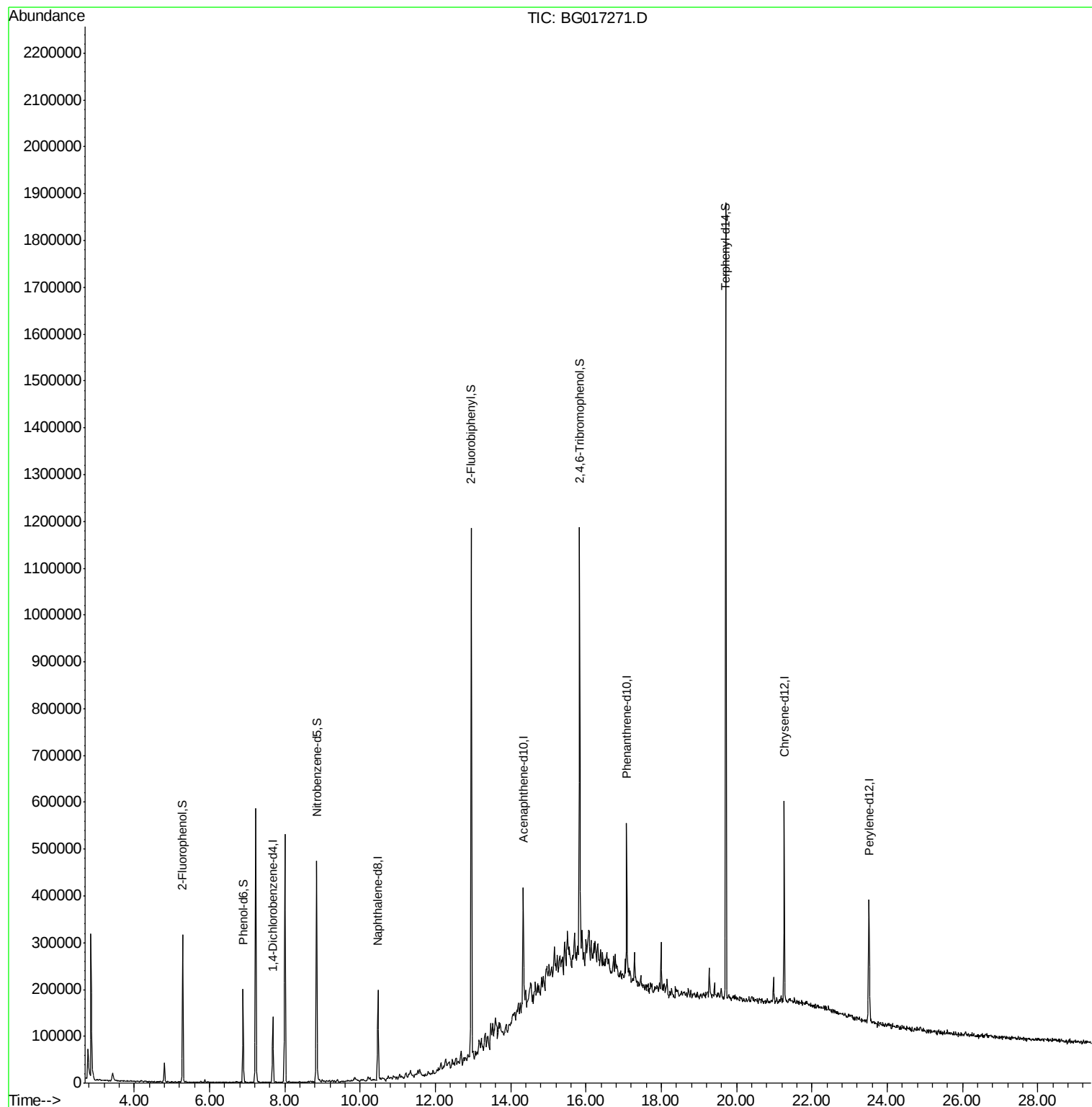
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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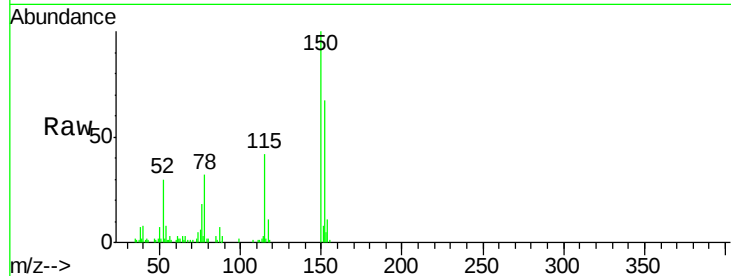


#1

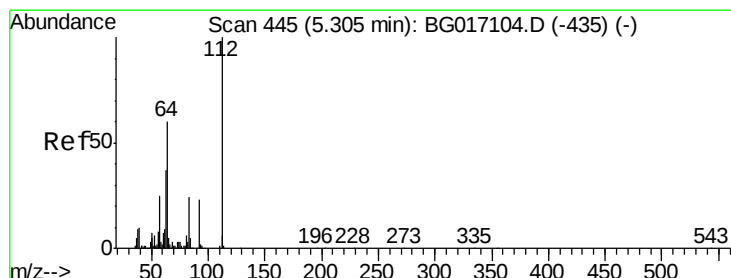
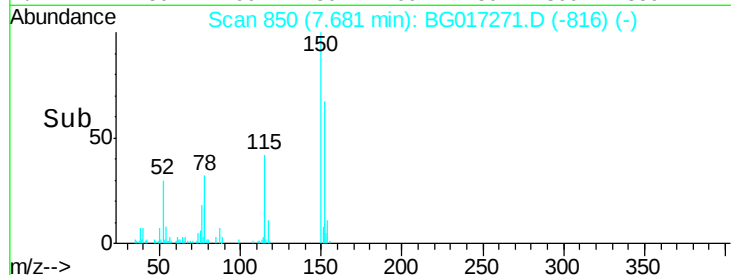
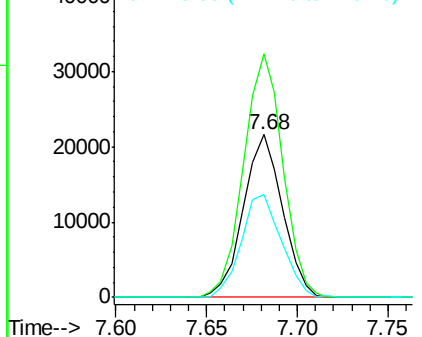
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG017271.D
Acq: 23 May 2015 7:57

Instrument :
BNA_G
ClientSampleId :
VE1-4

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.9	120.8	181.2
115	63.0	49.4	74.2



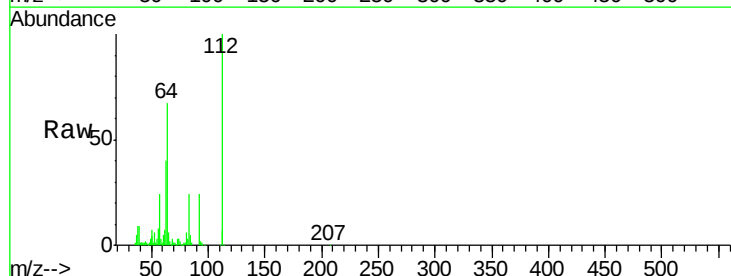
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



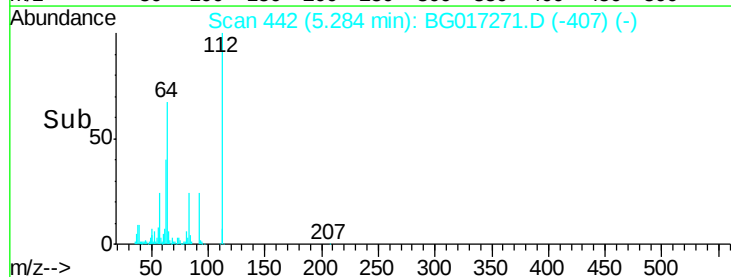
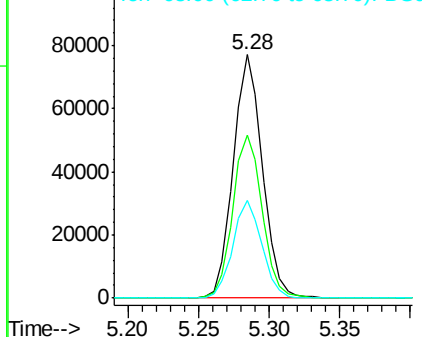
#5

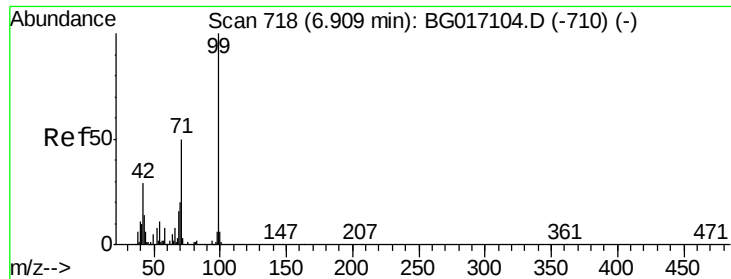
2-Fluorophenol
Concen: 61.03 ng
RT: 5.28 min Scan# 442
Delta R.T. 0.01 min
Lab File: BG017271.D
Acq: 23 May 2015 7:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	48.1	72.1
63	40.0	29.8	44.8



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: 35.42 ng

RT: 6.89 min Scan# 715

Delta R.T. 0.01 min

Lab File: BG017271.D

Acq: 23 May 2015 7:57

Instrument :

BNA_G

ClientSampleId :

VE1-4

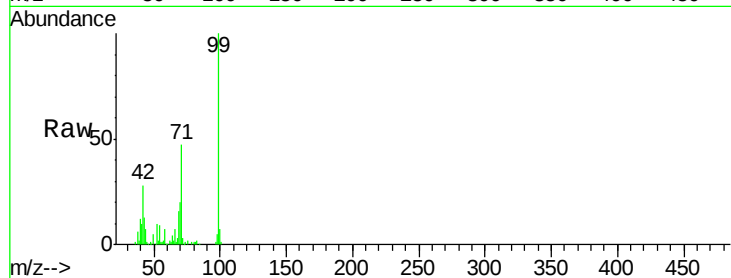
Tgt Ion: 99 Resp: 90499

Ion Ratio Lower Upper

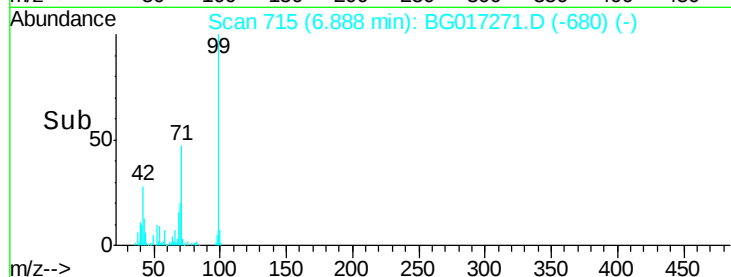
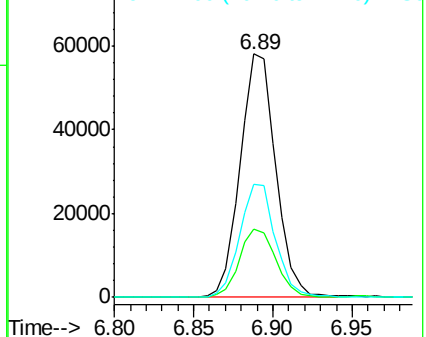
99 100

42 27.9 23.5 35.3

71 46.6 39.8 59.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BG017271.D

Acq: 23 May 2015 7:57

Tgt Ion: 136 Resp: 135776

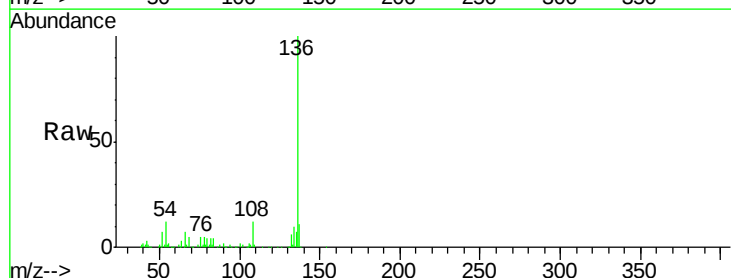
Ion Ratio Lower Upper

136 100

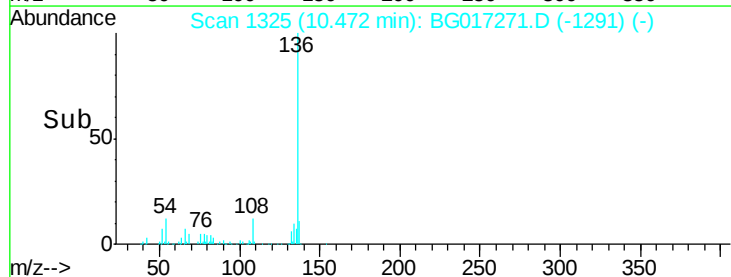
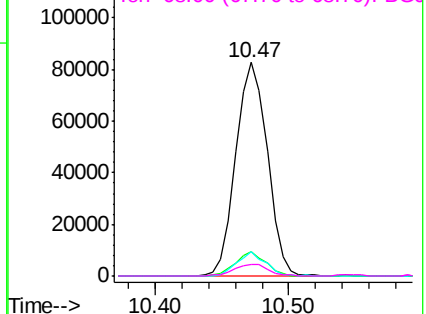
137 11.5 8.3 12.5

54 11.6 7.4 11.2#

68 5.1 3.6 5.4



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

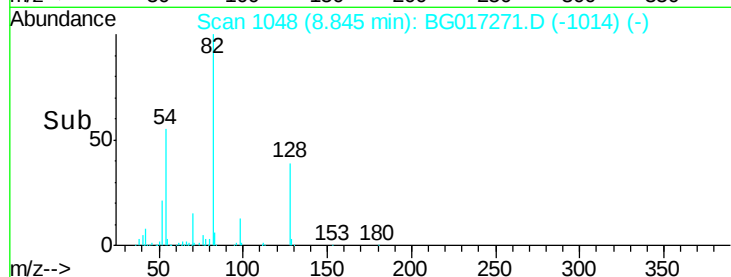
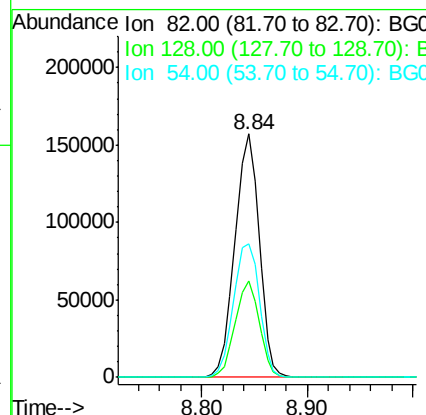
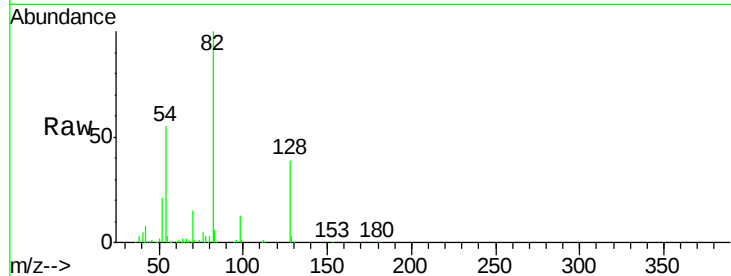




#23
 Nitrobenzene-d5
 Concen: 86.15 ng
 RT: 8.84 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG017271.D
 Acq: 23 May 2015 7:57

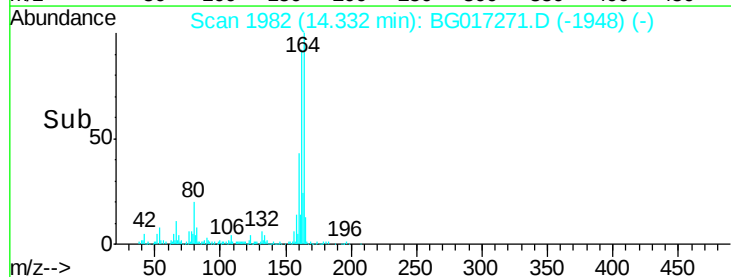
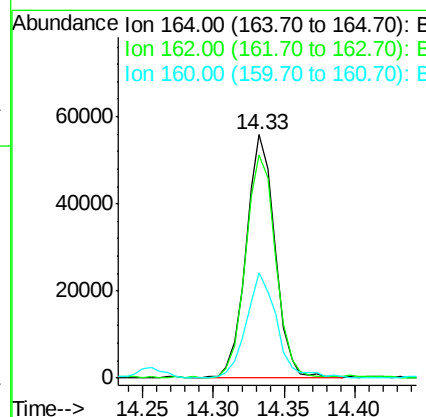
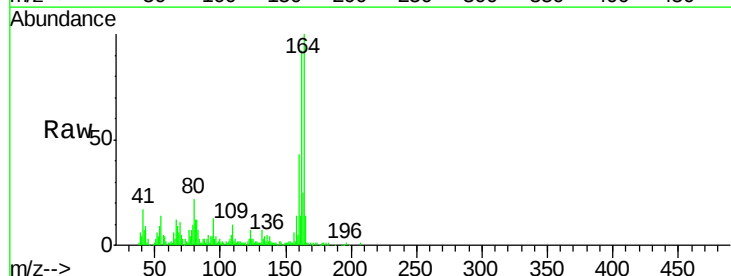
Instrument :
 BNA_G
 ClientSampleId :
 VE1-4

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.4	32.6	49.0
54	55.0	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: BG017271.D
 Acq: 23 May 2015 7:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	91.9	82.1	123.1
160	43.2	34.8	52.2

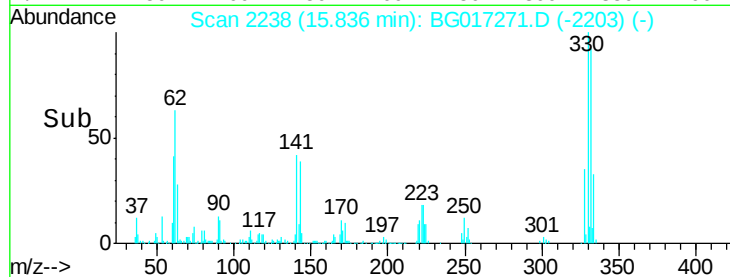
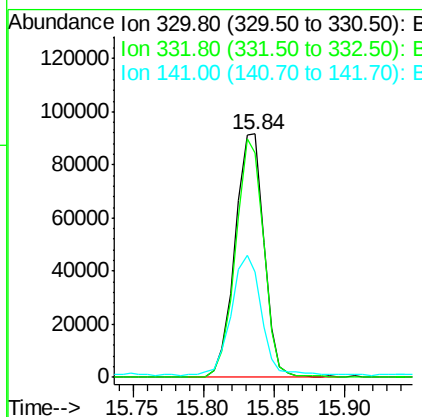
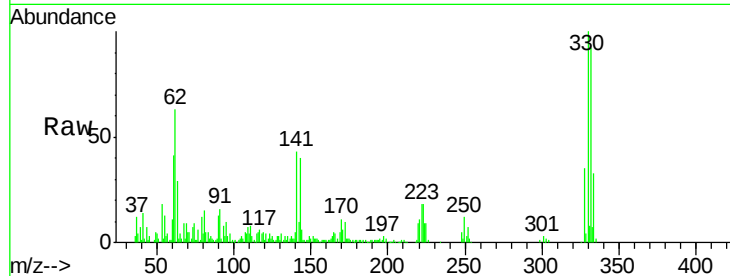




#41
 2,4,6-Tribromophenol
 Concen: 135.17 ng
 RT: 15.84 min Scan# 2238
 Delta R.T. 0.01 min
 Lab File: BG017271.D
 Acq: 23 May 2015 7:57

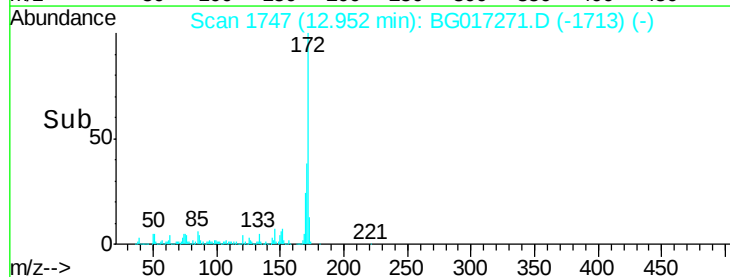
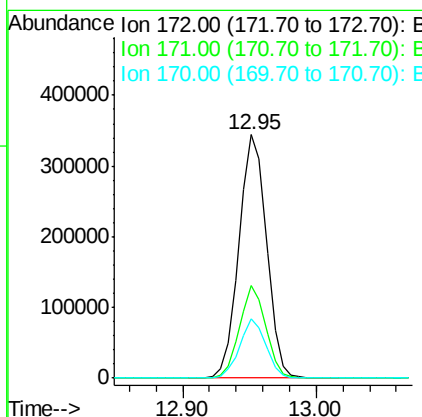
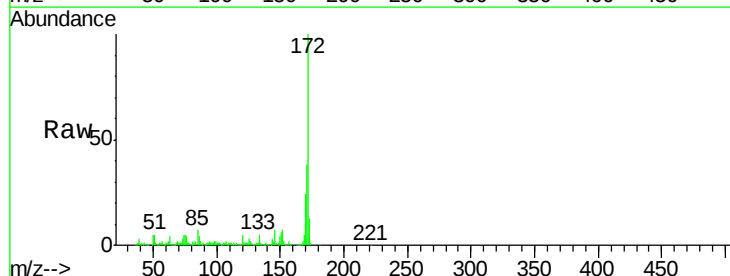
Instrument :
 BNA_G
 ClientSampleId :
 VE1-4

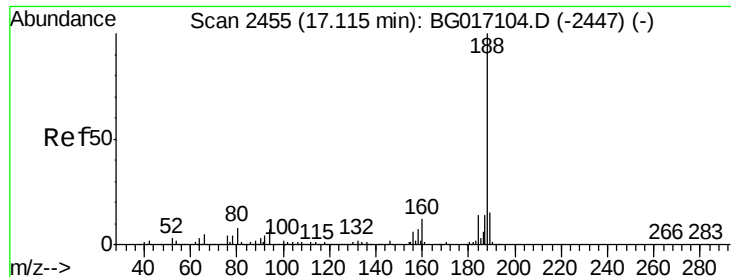
Tgt Ion: 330 Resp: 131447
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.9 115.3
 141 51.7 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 89.91 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BG017271.D
 Acq: 23 May 2015 7:57

Tgt Ion: 172 Resp: 492937
 Ion Ratio Lower Upper
 172 100
 171 38.2 29.7 44.5
 170 24.2 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: BG017271.D

Acq: 23 May 2015 7:57

Instrument :

BNA_G

ClientSampleId :

VE1-4

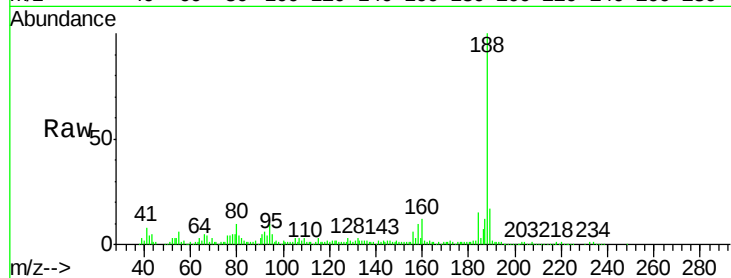
Tgt Ion:188 Resp: 167224

Ion Ratio Lower Upper

188 100

94 9.9 5.8 8.6#

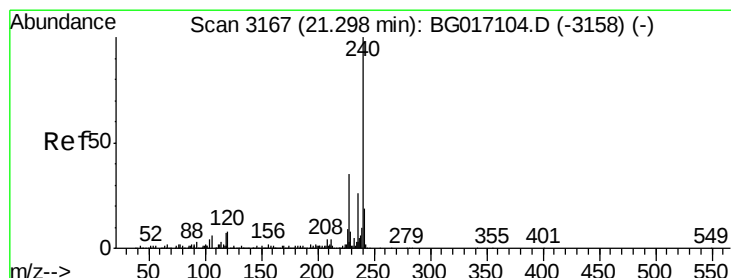
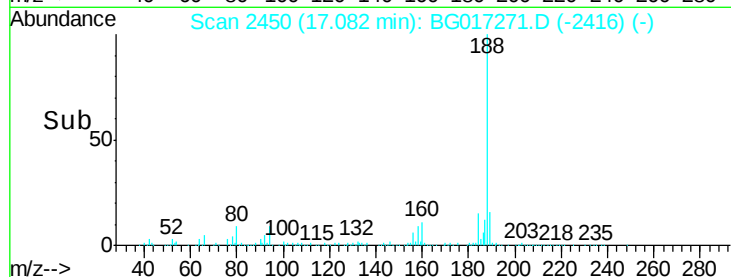
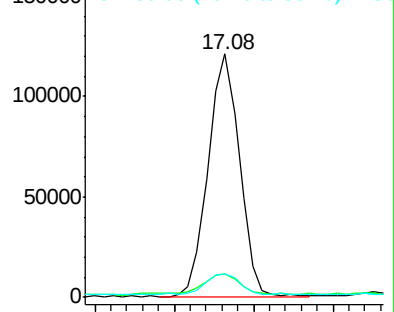
80 9.7 6.5 9.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.27 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BG017271.D

Acq: 23 May 2015 7:57

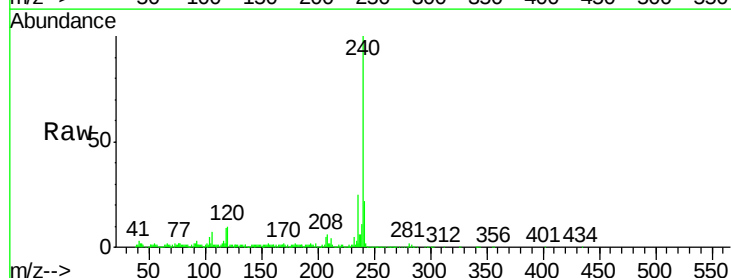
Tgt Ion:240 Resp: 184650

Ion Ratio Lower Upper

240 100

120 10.4 6.0 9.0#

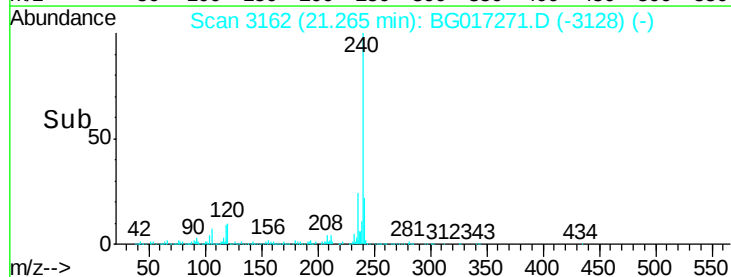
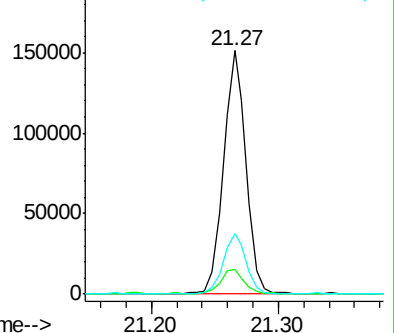
236 24.7 20.5 30.7

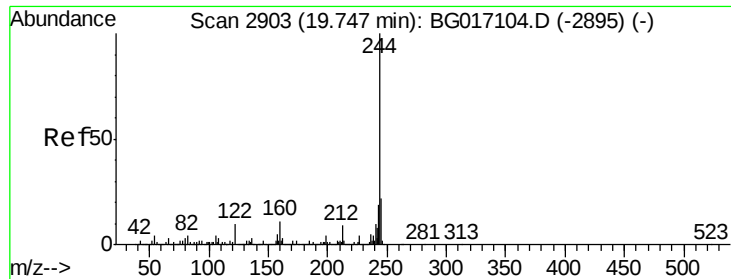


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.77 ng

RT: 19.71 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG017271.D

Acq: 23 May 2015 7:57

Instrument :

BNA_G

ClientSampleId :

VE1-4

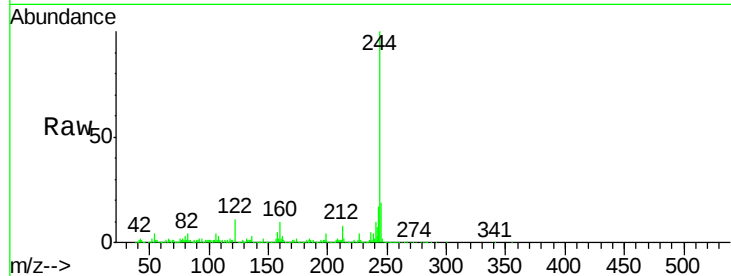
Tgt Ion:244 Resp: 618191

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

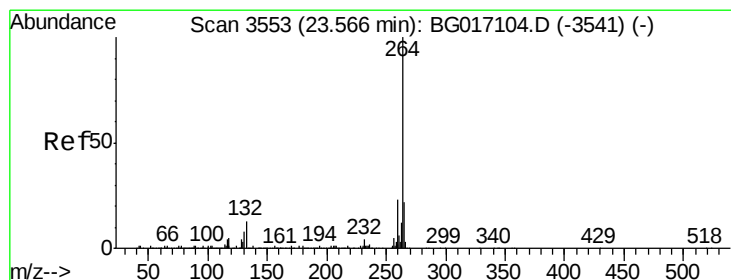
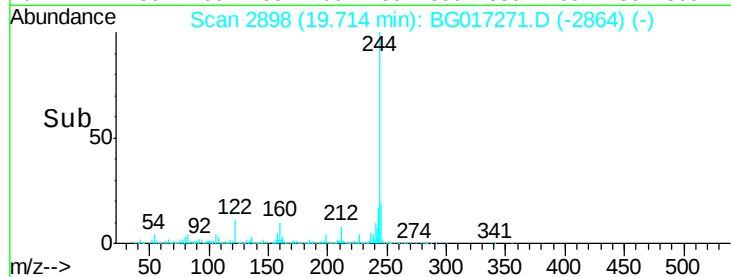
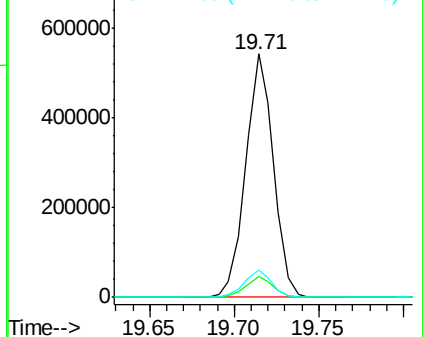
122 11.3 8.4 12.6



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: BG017271.D

Acq: 23 May 2015 7:57

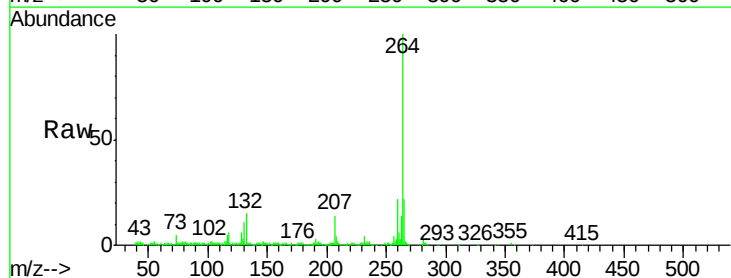
Tgt Ion:264 Resp: 185259

Ion Ratio Lower Upper

264 100

260 21.6 18.0 27.0

265 21.7 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

