

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016165.D
 Acq On : 27 Mar 2015 6:47
 Operator : TP/IZ
 Sample : G1654-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PZ-4-3-24-15

Quant Time: Mar 27 16:01:26 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 15:24:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	50666	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	226533	20.00	ng	0.00
38) Acenaphthene-d10	14.42	164	142587	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	311071	20.00	ng	0.00
75) Chrysene-d12	21.32	240	318343	20.00	ng	0.00
86) Perylene-d12	23.61	264	307484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	175616	58.01	ng	0.00
7) Phenol-d6	6.96	99	148121	35.15	ng	0.00
23) Nitrobenzene-d5	8.95	82	328770	89.99	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	259858	158.71	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	845541	99.26	ng	0.00
78) Terphenyl-d14	19.77	244	1224299	96.86	ng	0.00

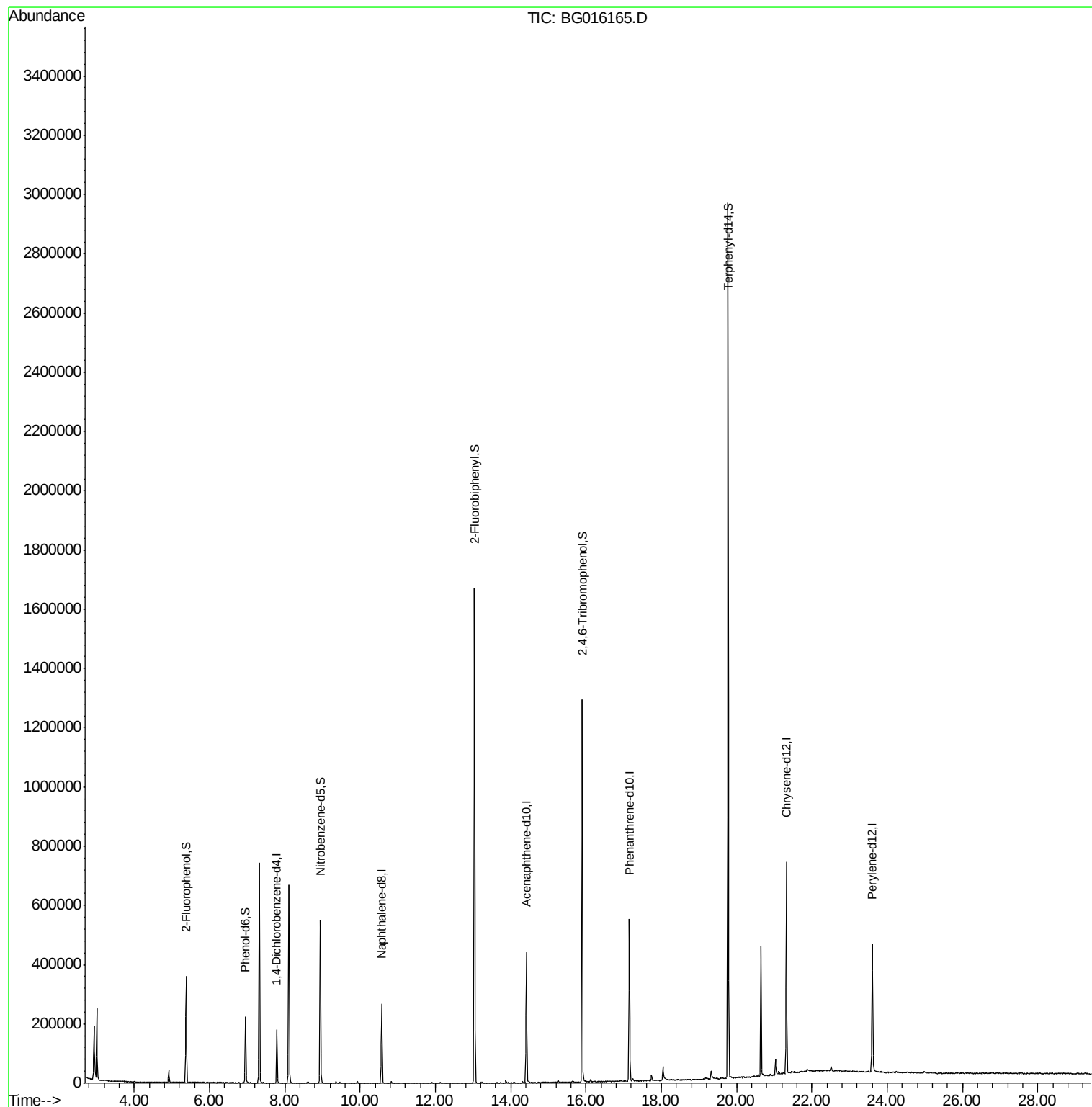
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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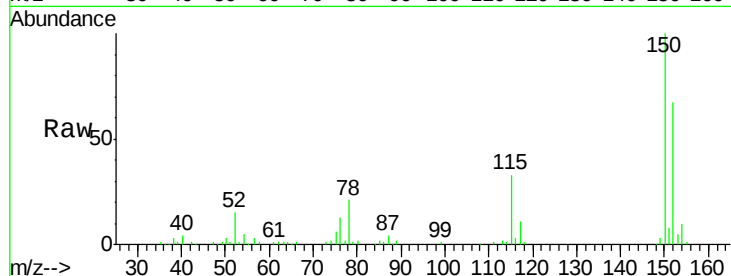


#1

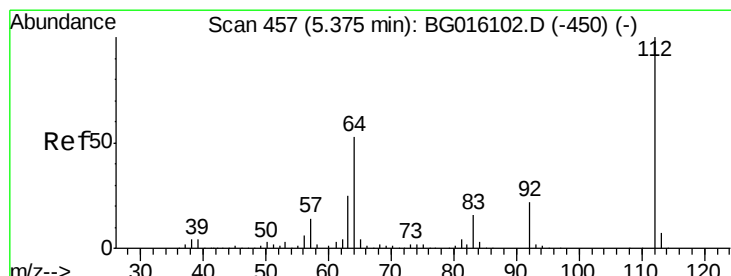
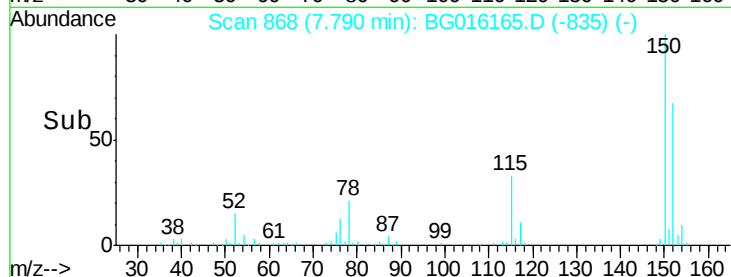
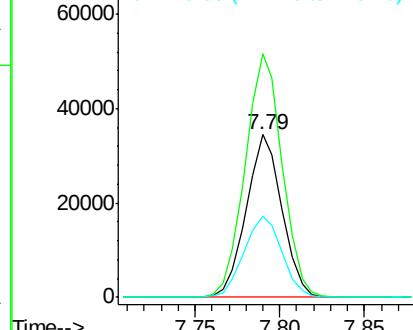
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.79 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG016165.D
 Acq: 27 Mar 2015 6:47

Instrument :
 BNA_G
 ClientSampleId :
 PZ-4-3-24-15

Tgt Ion:152 Resp: 50666
 Ion Ratio Lower Upper
 152 100
 150 149.9 126.1 189.1
 115 50.0 43.7 65.5



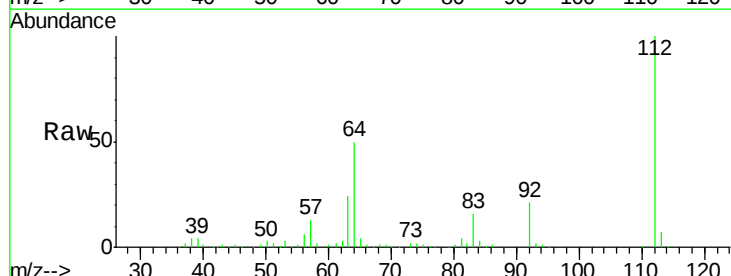
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



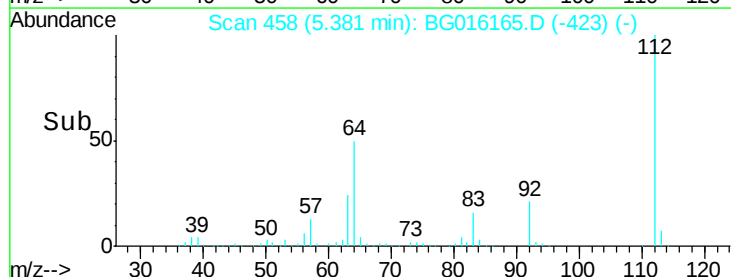
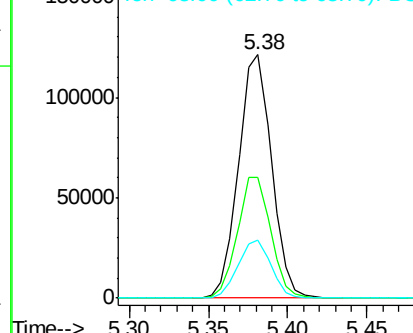
#5

2-Fluorophenol
 Concen: 58.01 ng
 RT: 5.38 min Scan# 458
 Delta R.T. 0.01 min
 Lab File: BG016165.D
 Acq: 27 Mar 2015 6:47

Tgt Ion:112 Resp: 175616
 Ion Ratio Lower Upper
 112 100
 64 49.7 42.6 64.0
 63 23.8 19.9 29.9



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: 35.15 ng

RT: 6.96 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG016165.D

Acq: 27 Mar 2015 6:47

Instrument :

BNA_G

ClientSampleId :

PZ-4-3-24-15

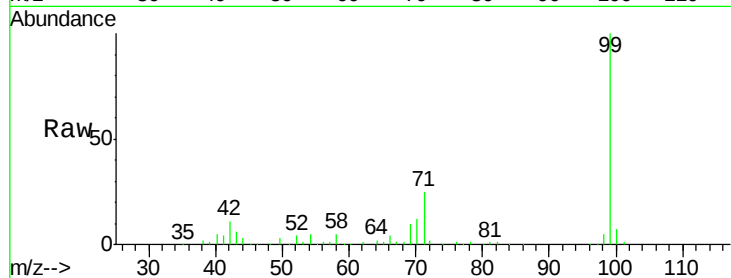
Tgt Ion: 99 Resp: 148121

Ion Ratio Lower Upper

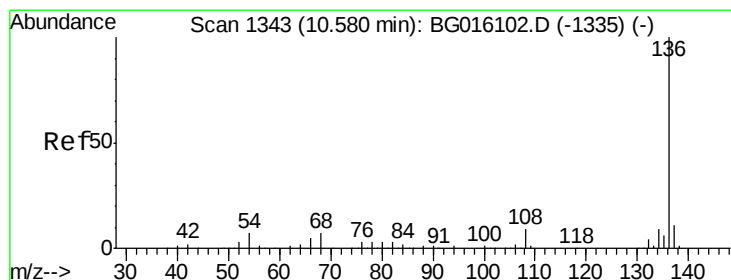
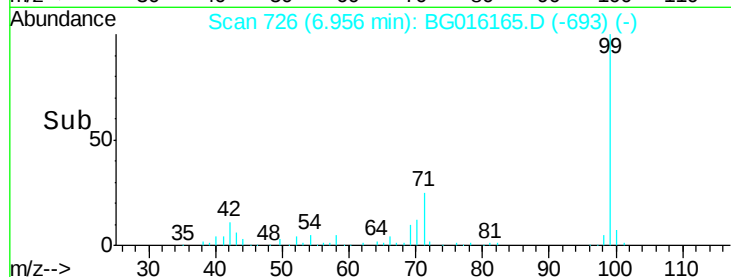
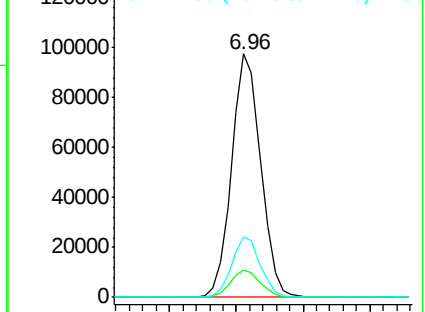
99 100

42 11.4 9.4 14.0

71 24.9 19.9 29.9



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: 10.57 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BG016165.D

Acq: 27 Mar 2015 6:47

Tgt Ion: 136 Resp: 226533

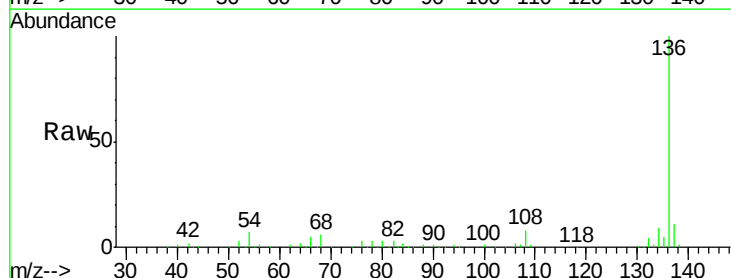
Ion Ratio Lower Upper

136 100

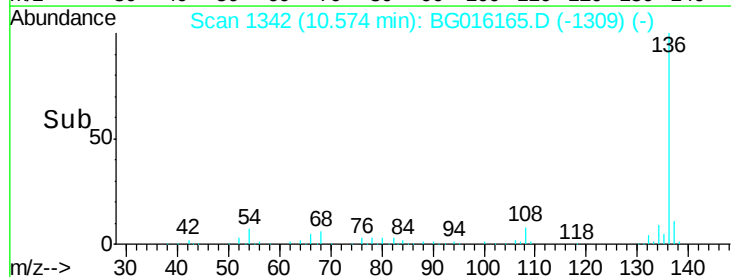
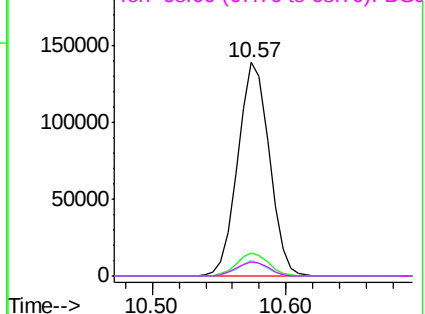
137 11.1 9.0 13.4

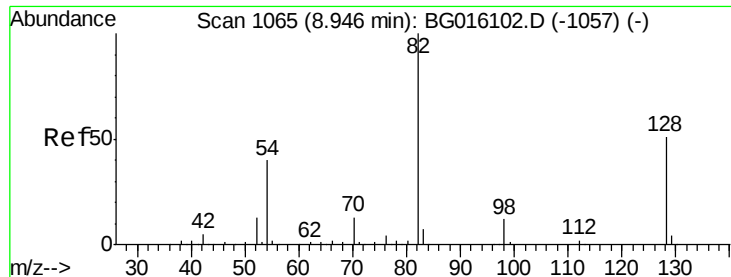
54 7.1 5.5 8.3

68 6.4 6.0 9.0



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

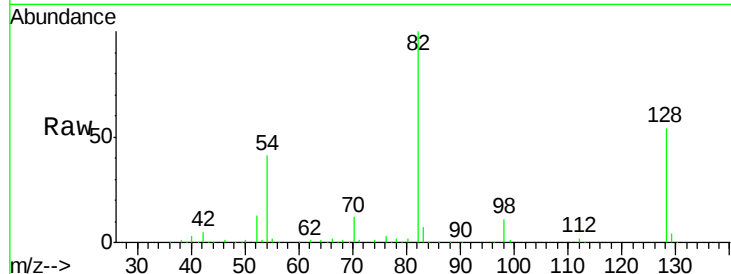




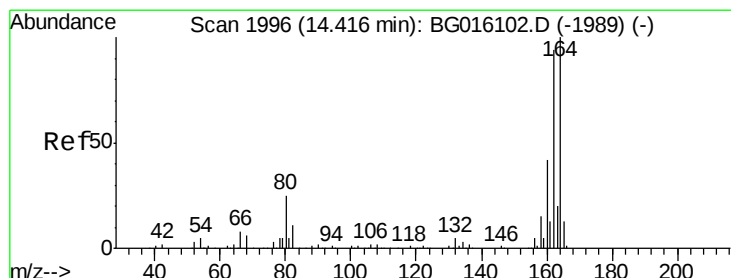
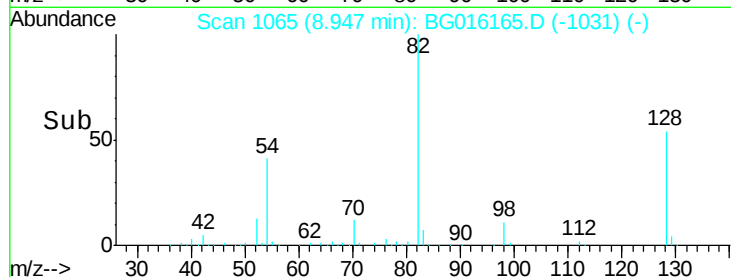
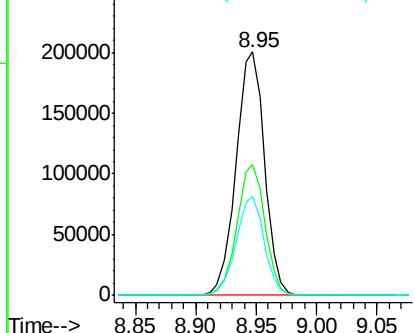
#23
 Nitrobenzene-d5
 Concen: 89.99 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BG016165.D
 Acq: 27 Mar 2015 6:47

Instrument :
 BNA_G
 ClientSampleId :
 PZ-4-3-24-15

Tgt Ion: 82 Resp: 328770
 Ion Ratio Lower Upper
 82 100
 128 53.9 40.4 60.6
 54 40.5 32.1 48.1

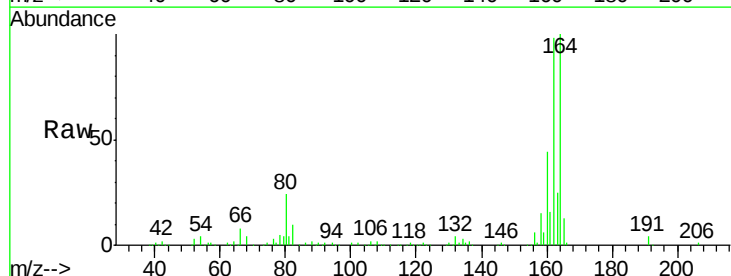


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

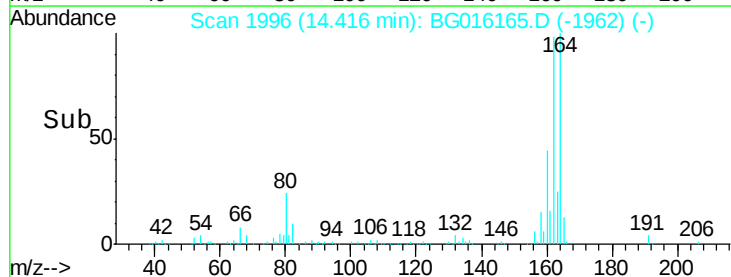
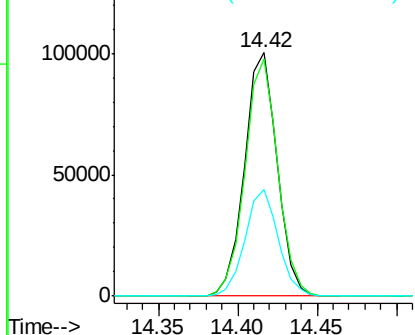


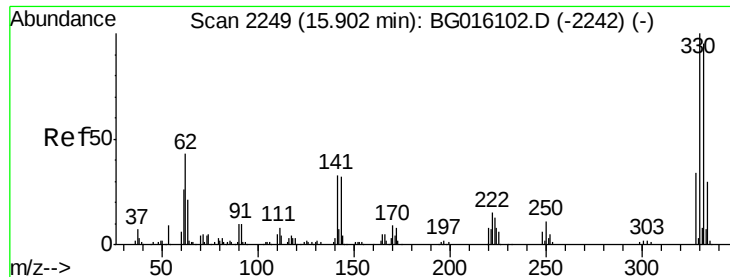
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BG016165.D
 Acq: 27 Mar 2015 6:47

Tgt Ion: 164 Resp: 142587
 Ion Ratio Lower Upper
 164 100
 162 97.7 75.2 112.8
 160 43.9 33.9 50.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

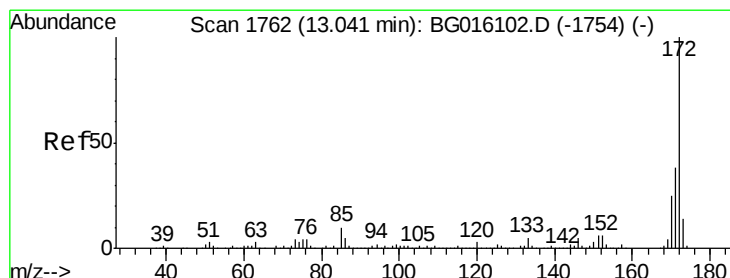
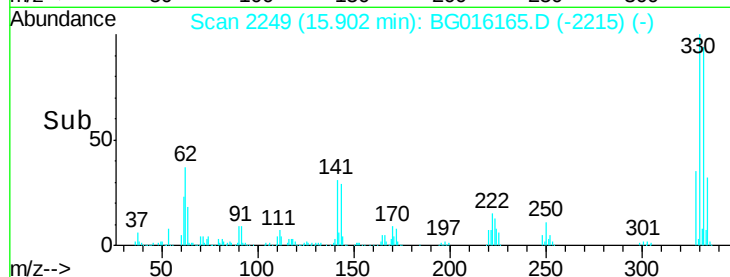
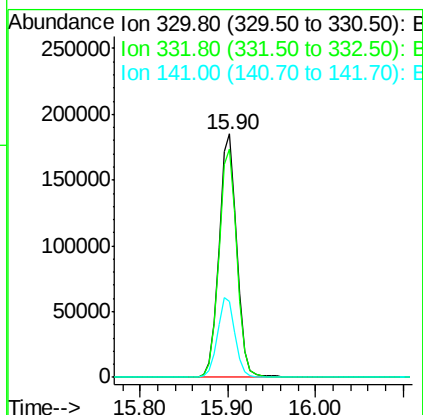
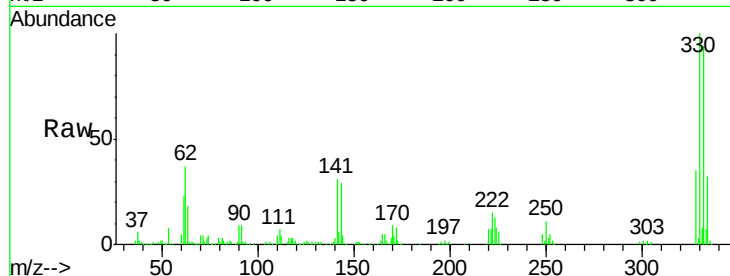




#41
 2,4,6-Tribromophenol
 Concen: 158.71 ng
 RT: 15.90 min Scan# 2249
 Delta R.T. 0.00 min
 Lab File: BG016165.D
 Acq: 27 Mar 2015 6:47

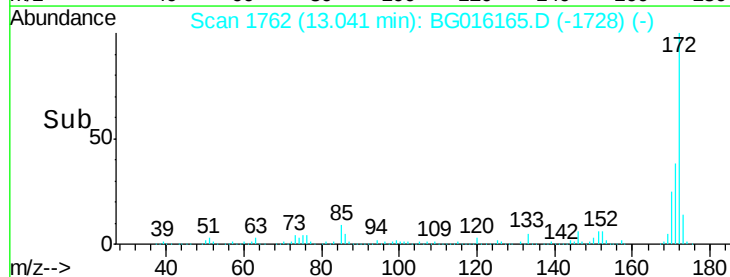
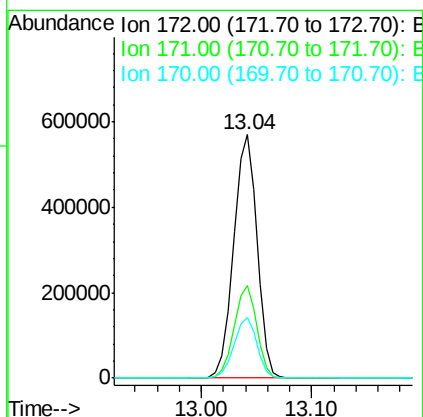
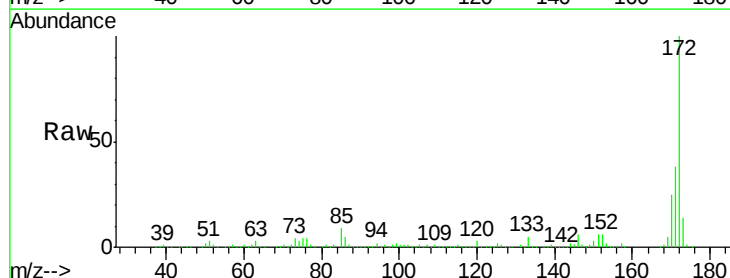
Instrument :
 BNA_G
 ClientSampleId :
 PZ-4-3-24-15

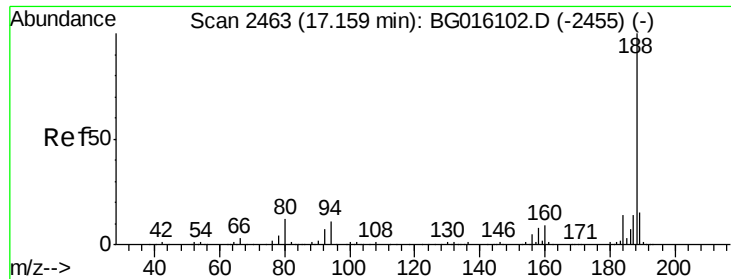
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	32.4	26.2	39.4



#44
 2-Fluorobiphenyl
 Concen: 99.26 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BG016165.D
 Acq: 27 Mar 2015 6:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.3	45.5
170	24.7	19.8	29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.15 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG016165.D

Acq: 27 Mar 2015 6:47

Instrument :

BNA_G

ClientSampleId :

PZ-4-3-24-15

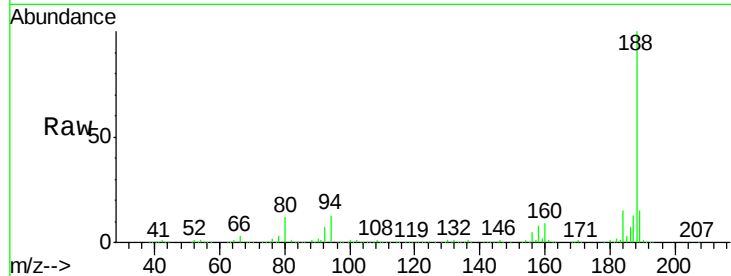
Tgt Ion:188 Resp: 311071

Ion Ratio Lower Upper

188 100

94 12.7 9.1 13.7

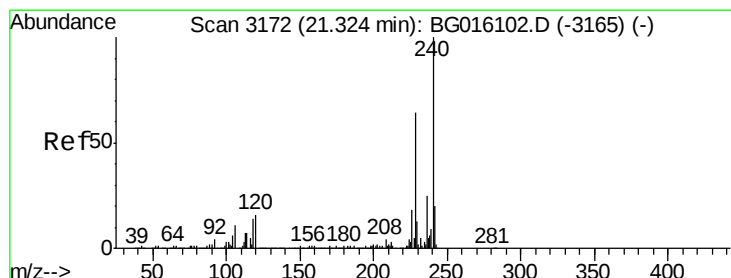
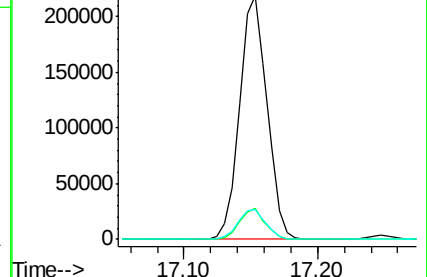
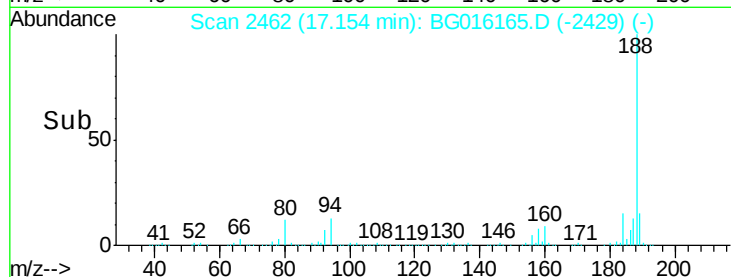
80 12.3 9.8 14.8



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: 21.32 min Scan# 3172

Delta R.T. 0.00 min

Lab File: BG016165.D

Acq: 27 Mar 2015 6:47

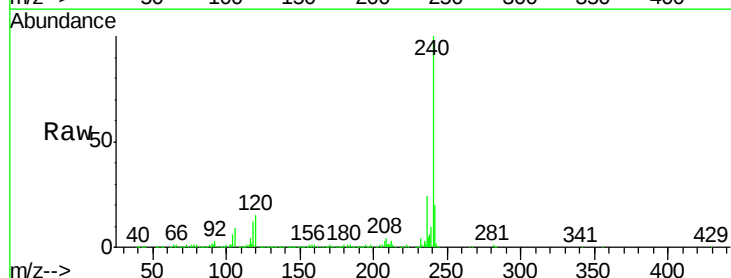
Tgt Ion:240 Resp: 318343

Ion Ratio Lower Upper

240 100

120 14.8 13.0 19.4

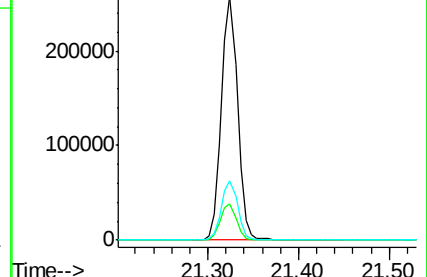
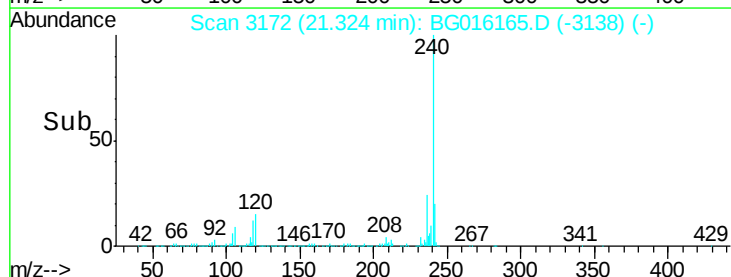
236 24.5 20.2 30.2

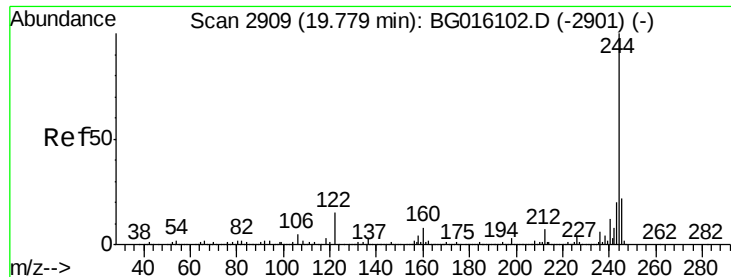


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.86 ng

RT: 19.77 min Scan# 2908

Delta R.T. -0.00 min

Lab File: BG016165.D

Acq: 27 Mar 2015 6:47

Instrument :

BNA_G

ClientSampleId :

PZ-4-3-24-15

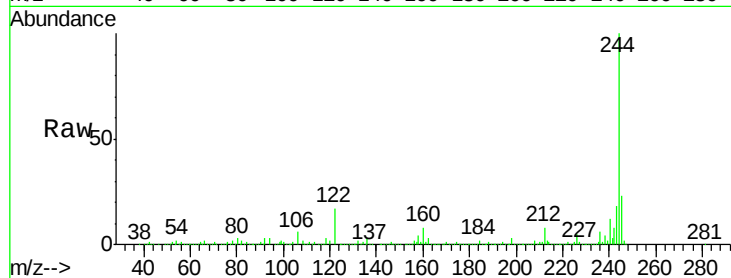
Tgt Ion:244 Resp: 1224299

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

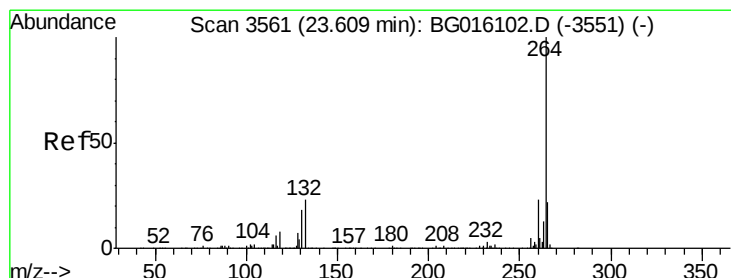
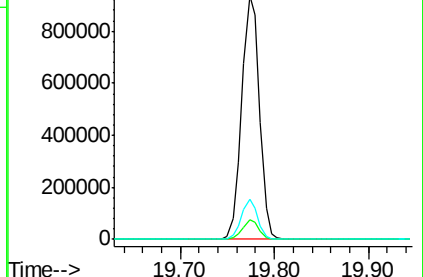
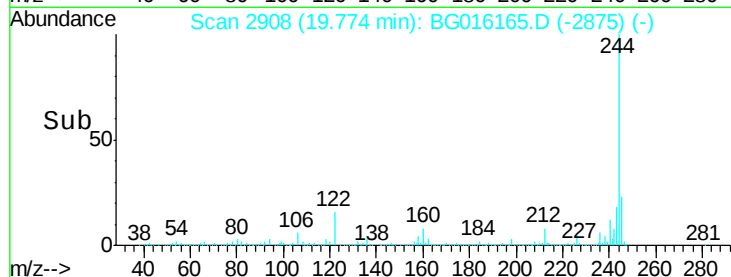
122 16.5 12.2 18.2



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: 23.61 min Scan# 3561

Delta R.T. 0.00 min

Lab File: BG016165.D

Acq: 27 Mar 2015 6:47

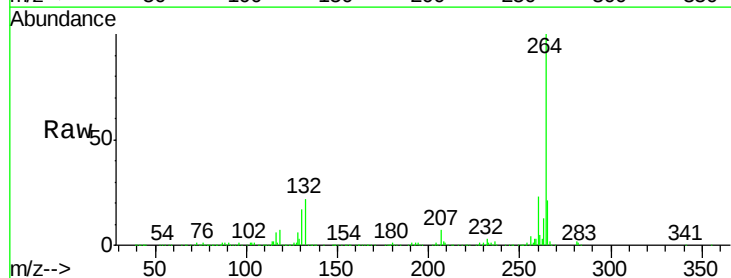
Tgt Ion:264 Resp: 307484

Ion Ratio Lower Upper

264 100

260 22.6 18.4 27.6

265 21.2 17.3 25.9



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

