

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
 Data File : BG016341.D
 Acq On : 11 Apr 2015 7:04
 Operator : TP/IZ
 Sample : PB82675BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82675BL

Quant Time: Apr 13 03:33:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	68575	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	294147	20.00	ng	-0.01
38) Acenaphthene-d10	14.33	164	166379	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	353499	20.00	ng	-0.01
75) Chrysene-d12	21.25	240	337482	20.00	ng	-0.01
86) Perylene-d12	23.49	264	308245	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	550984	126.80	ng	0.00
7) Phenol-d6	6.88	99	747774	114.64	ng	0.00
23) Nitrobenzene-d5	8.85	82	386636	76.14	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	145766	129.55	ng	-0.01
44) 2-Fluorobiphenyl	12.95	172	800389	81.91	ng	-0.01
78) Terphenyl-d14	19.70	244	1074844	74.54	ng	-0.01

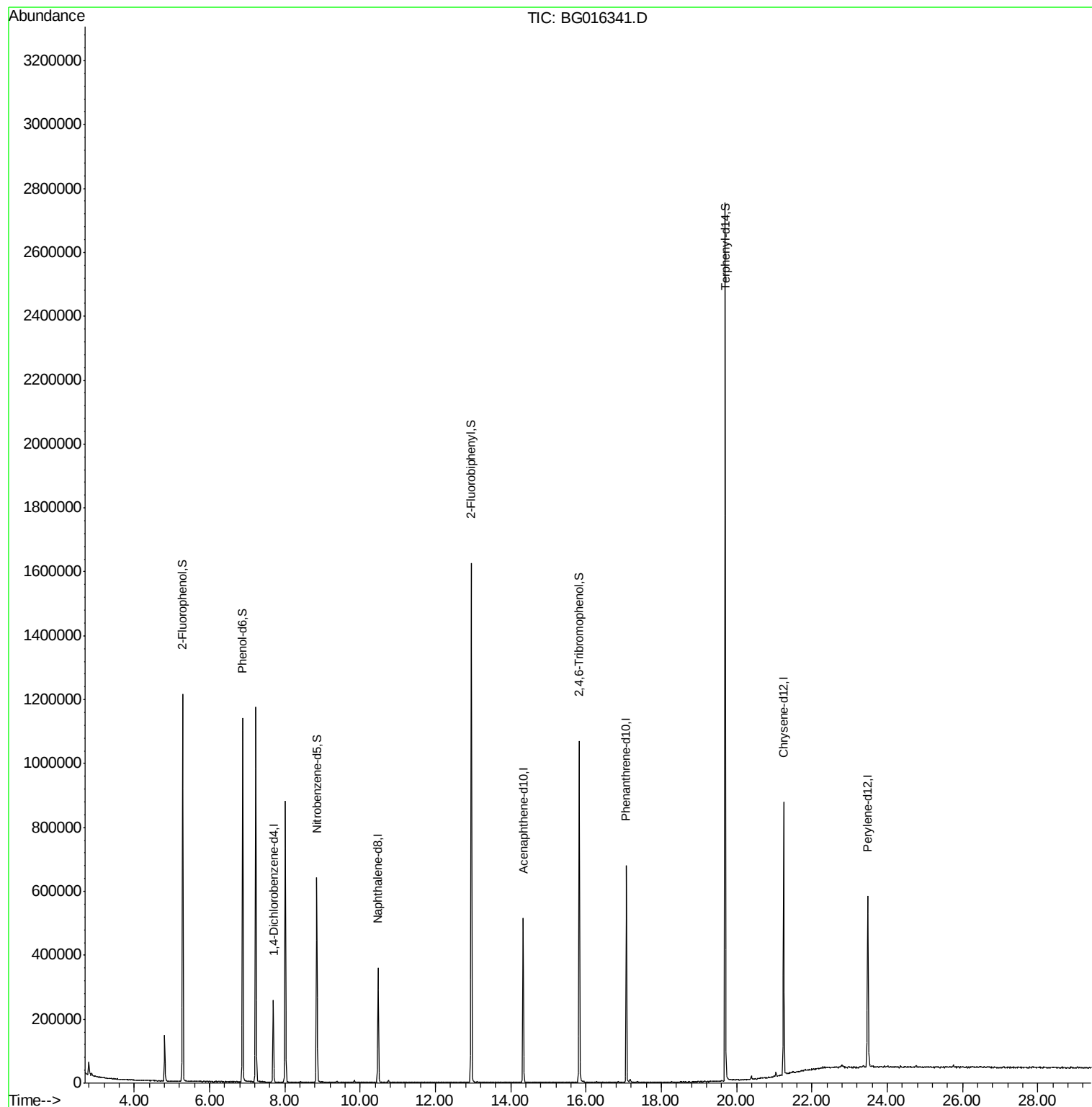
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 852

Delta R.T. -0.01 min

Lab File: BG016341.D

Acq: 11 Apr 2015 7:04

Instrument :

BNA_G

ClientSampleId :

PB82675BL

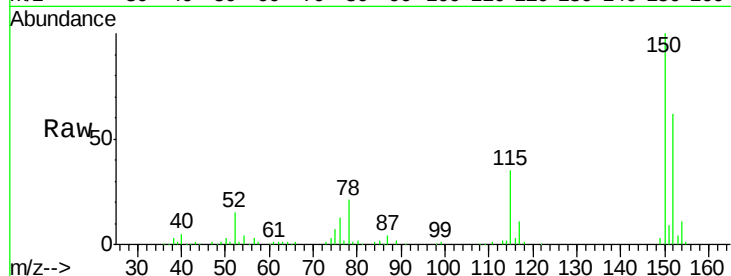
Tgt Ion:152 Resp: 68575

Ion Ratio Lower Upper

152 100

150 161.8 130.1 195.1

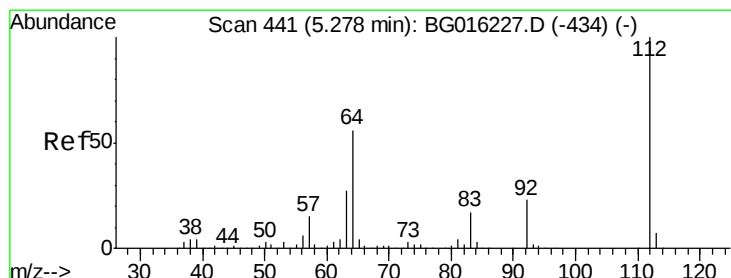
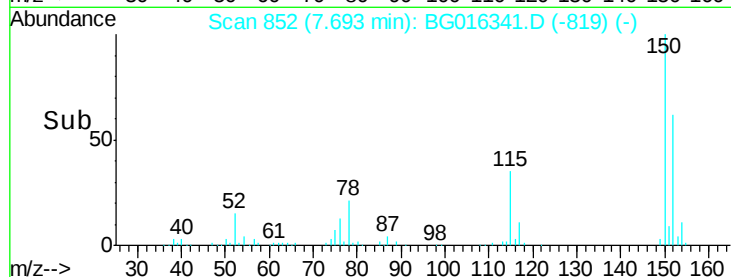
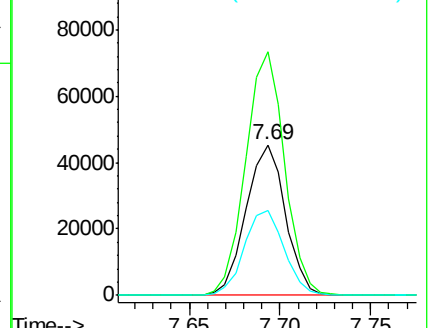
115 56.5 50.5 75.7



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: 126.80 ng

RT: 5.28 min Scan# 442

Delta R.T. 0.01 min

Lab File: BG016341.D

Acq: 11 Apr 2015 7:04

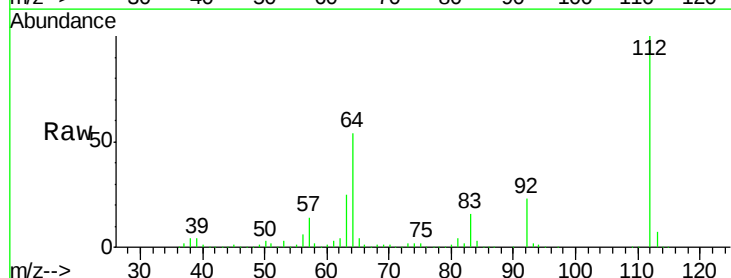
Tgt Ion:112 Resp: 550984

Ion Ratio Lower Upper

112 100

64 53.7 44.5 66.7

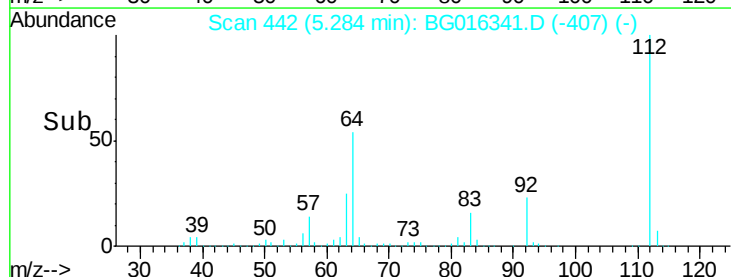
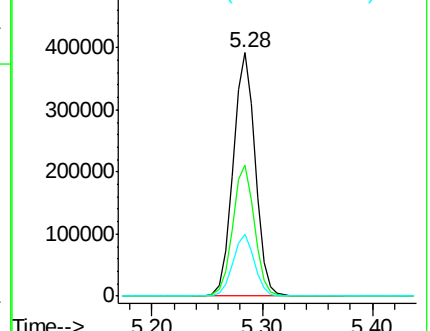
63 25.3 21.4 32.0

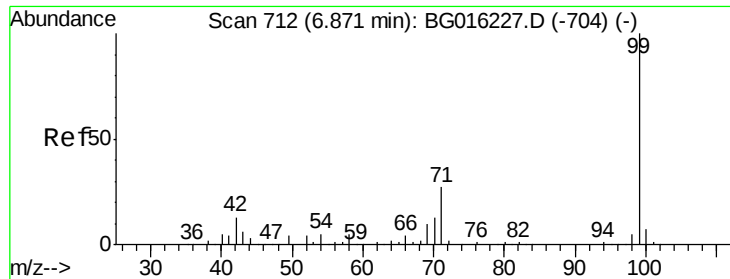


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 114.64 ng

RT: 6.88 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG016341.D

Acq: 11 Apr 2015 7:04

Instrument :

BNA_G

ClientSampleId :

PB82675BL

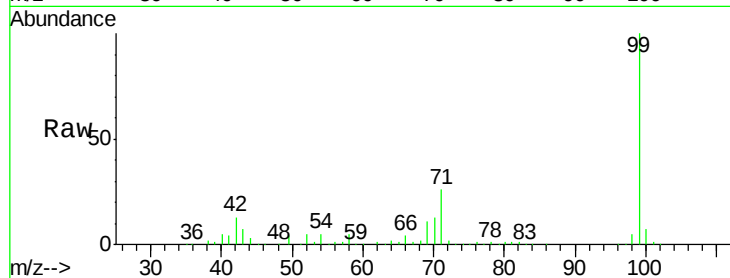
Tgt Ion: 99 Resp: 747774

Ion Ratio Lower Upper

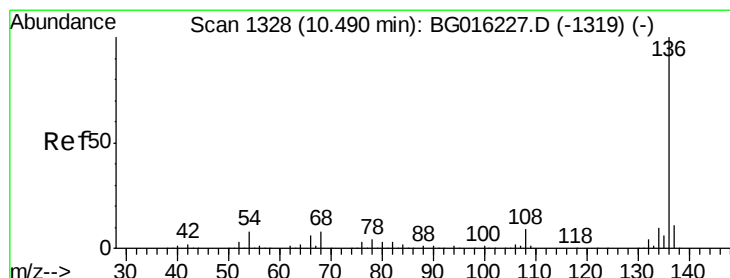
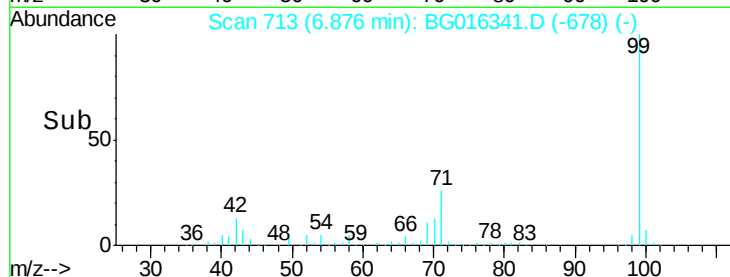
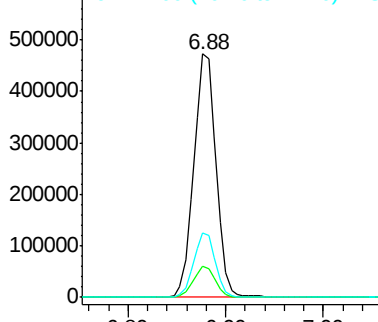
99 100

42 12.8 10.0 15.0

71 26.5 21.5 32.3



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: 10.48 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BG016341.D

Acq: 11 Apr 2015 7:04

Tgt Ion: 136 Resp: 294147

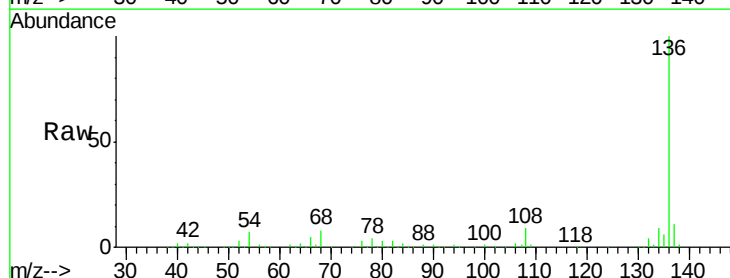
Ion Ratio Lower Upper

136 100

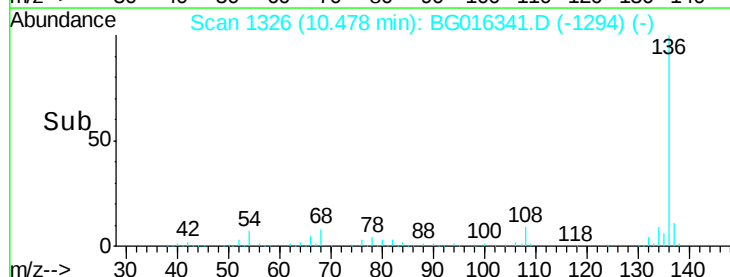
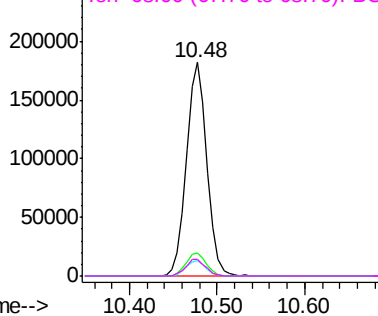
137 10.5 8.7 13.1

54 7.2 6.3 9.5

68 7.8 6.5 9.7



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

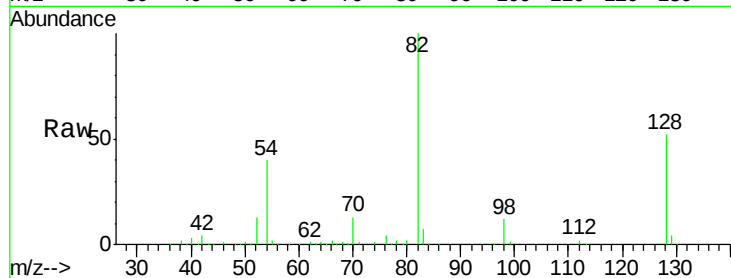




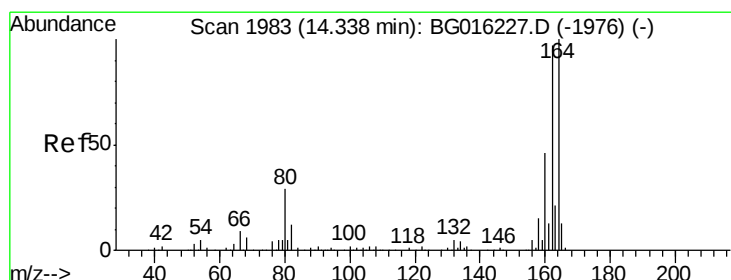
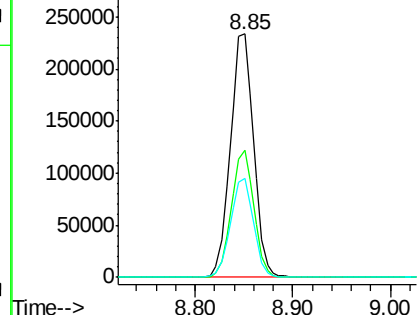
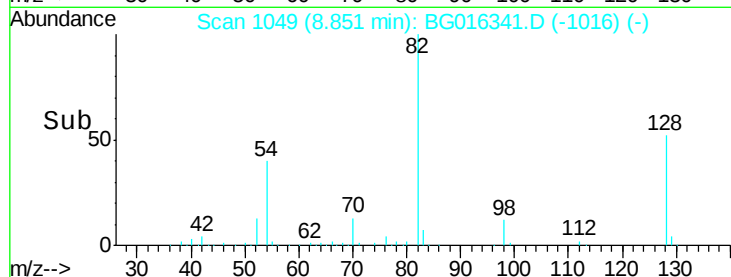
#23
 Nitrobenzene-d5
 Concen: 76.14 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG016341.D
 Acq: 11 Apr 2015 7:04

Instrument :
 BNA_G
 ClientSampleId :
 PB82675BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.1	37.8	56.8
54	40.5	32.6	49.0

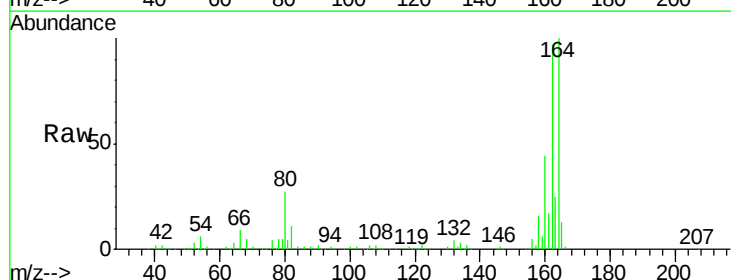


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

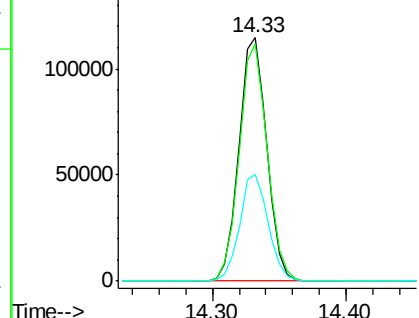
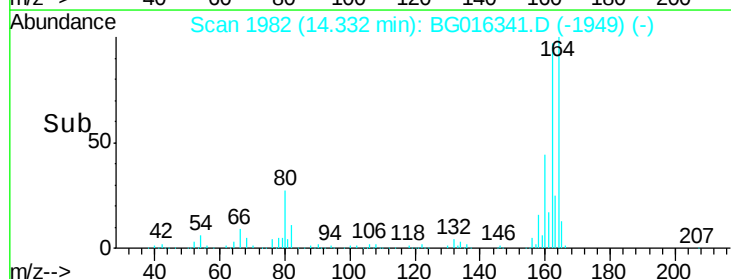


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: BG016341.D
 Acq: 11 Apr 2015 7:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.5	77.3	115.9
160	43.9	36.7	55.1



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

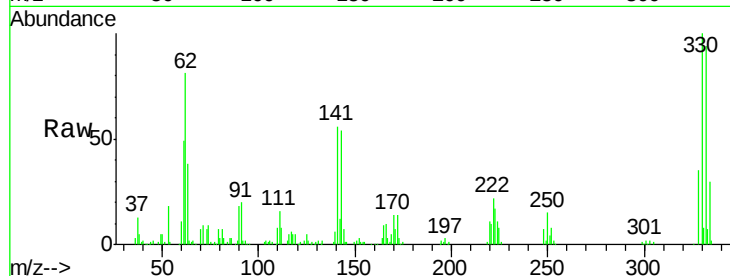




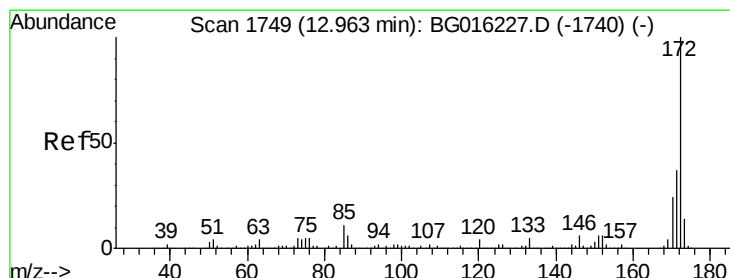
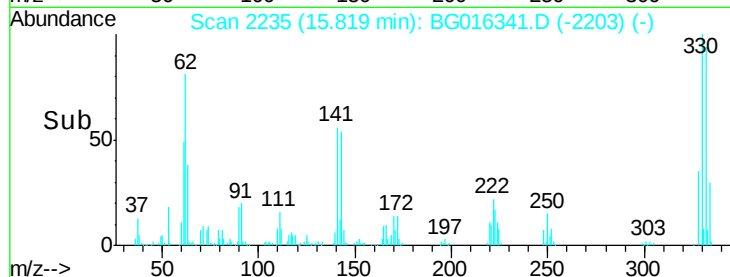
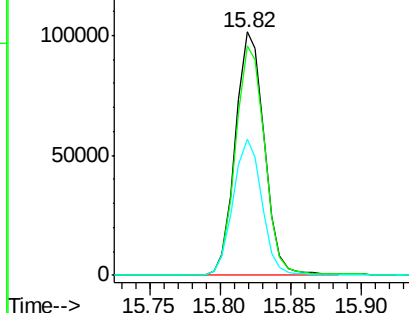
#41
 2,4,6-Tribromophenol
 Concen: 129.55 ng
 RT: 15.82 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BG016341.D
 Acq: 11 Apr 2015 7:04

Instrument :
 BNA_G
 ClientSampleId :
 PB82675BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.8	113.6
141	55.4	46.6	69.8

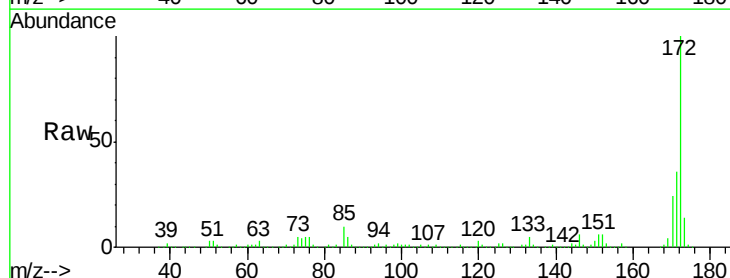


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

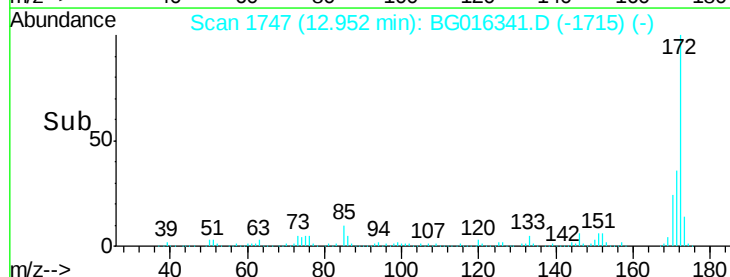
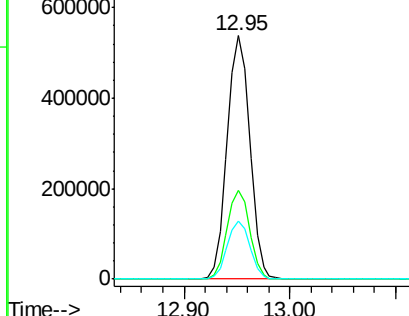


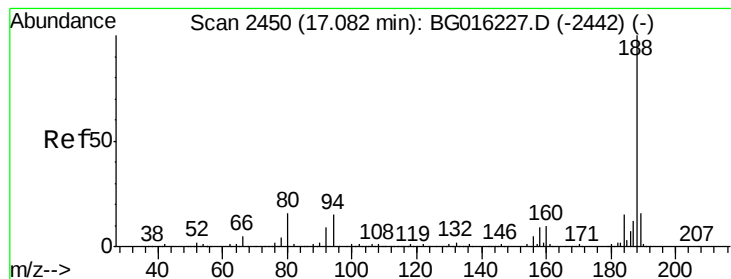
#44
 2-Fluorobiphenyl
 Concen: 81.91 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG016341.D
 Acq: 11 Apr 2015 7:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.8	19.4	29.2



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: 17.07 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG016341.D

Acq: 11 Apr 2015 7:04

Instrument :

BNA_G

ClientSampleId :

PB82675BL

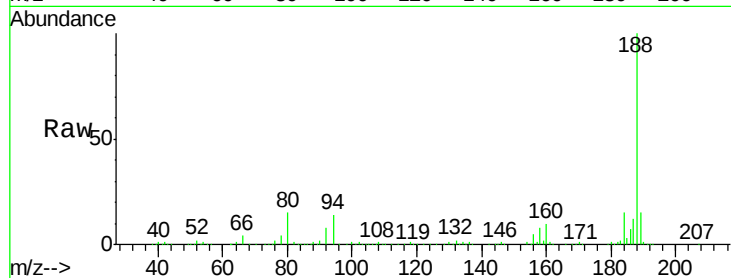
Tgt Ion:188 Resp: 353499

Ion Ratio Lower Upper

188 100

94 14.3 12.2 18.4

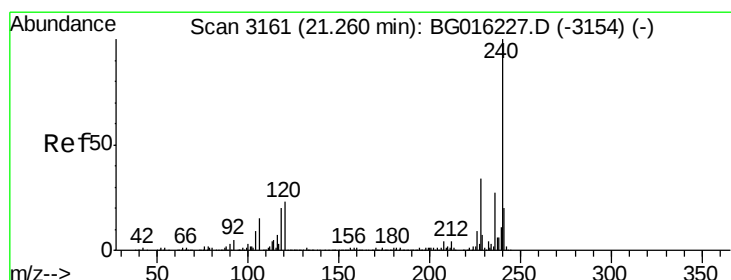
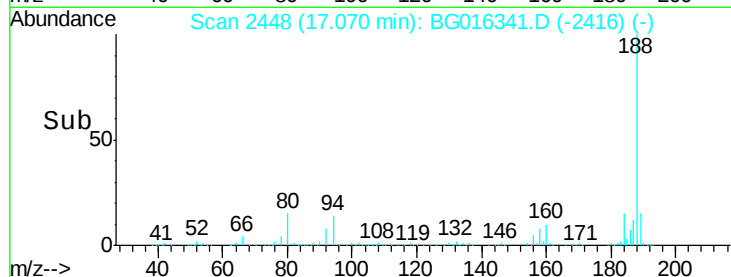
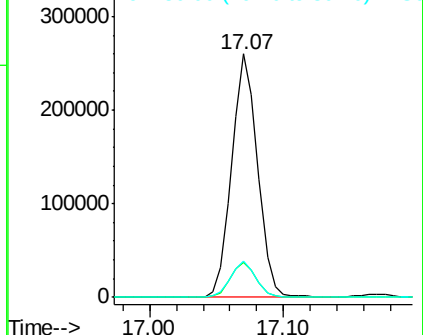
80 15.0 12.8 19.2



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: 21.25 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG016341.D

Acq: 11 Apr 2015 7:04

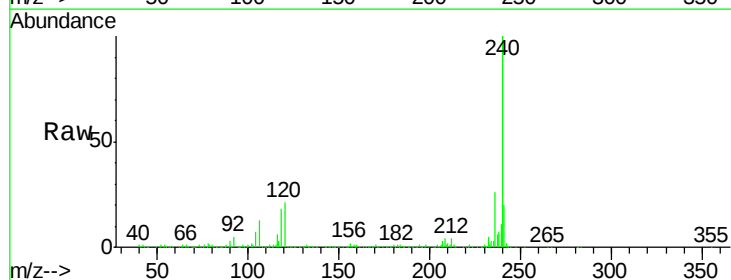
Tgt Ion:240 Resp: 337482

Ion Ratio Lower Upper

240 100

120 21.4 18.6 28.0

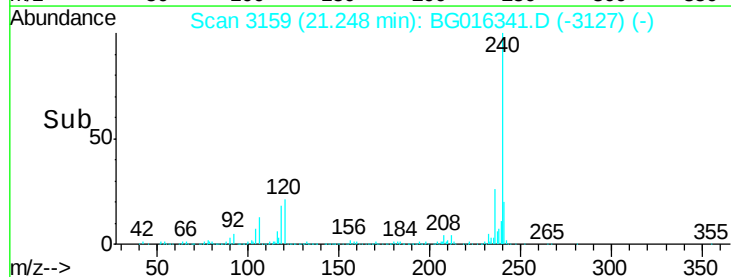
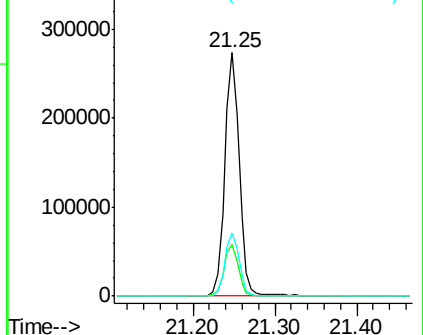
236 25.9 21.7 32.5



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: 74.54 ng

RT: 19.70 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BG016341.D

Acq: 11 Apr 2015 7:04

Instrument :

BNA_G

ClientSampleId :

PB82675BL

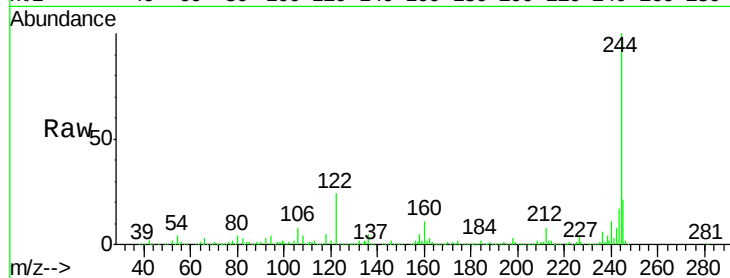
Tgt Ion:244 Resp: 1074844

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

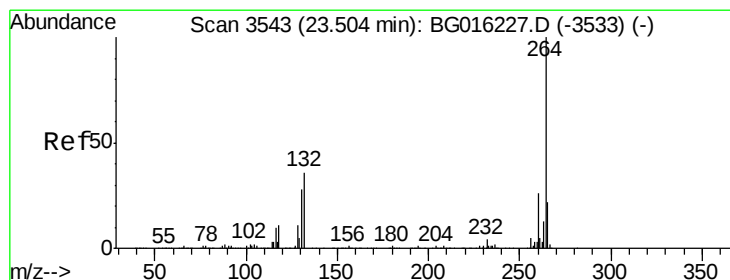
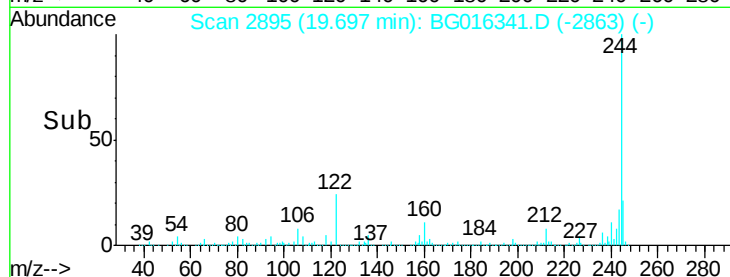
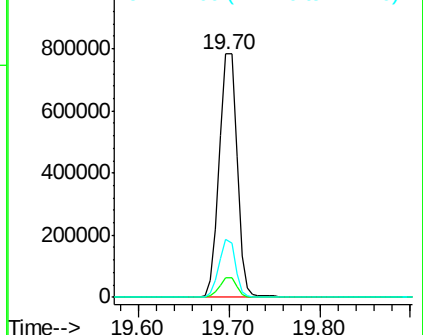
122 23.6 19.1 28.7



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: 23.49 min Scan# 3540

Delta R.T. -0.02 min

Lab File: BG016341.D

Acq: 11 Apr 2015 7:04

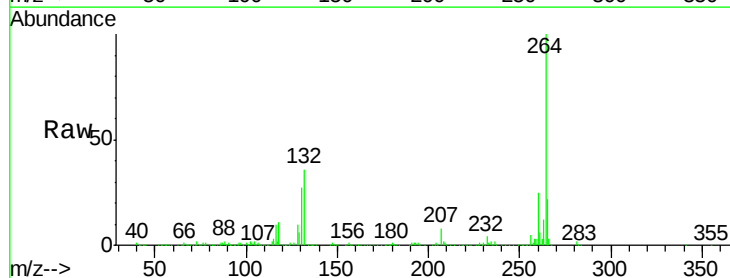
Tgt Ion:264 Resp: 308245

Ion Ratio Lower Upper

264 100

260 25.5 20.4 30.6

265 21.9 17.2 25.8



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

