

Data Path : Z:\HPCHEM1\BNA_G\Data\BG042815\
 Data File : BG016780.D
 Acq On : 29 Apr 2015 00:15
 Operator : TP/IZ
 Sample : G2003-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PZ-1(40-43)

Quant Time: Apr 29 02:12:44 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 00:55:31 2015
 Response via : Initial Calibration

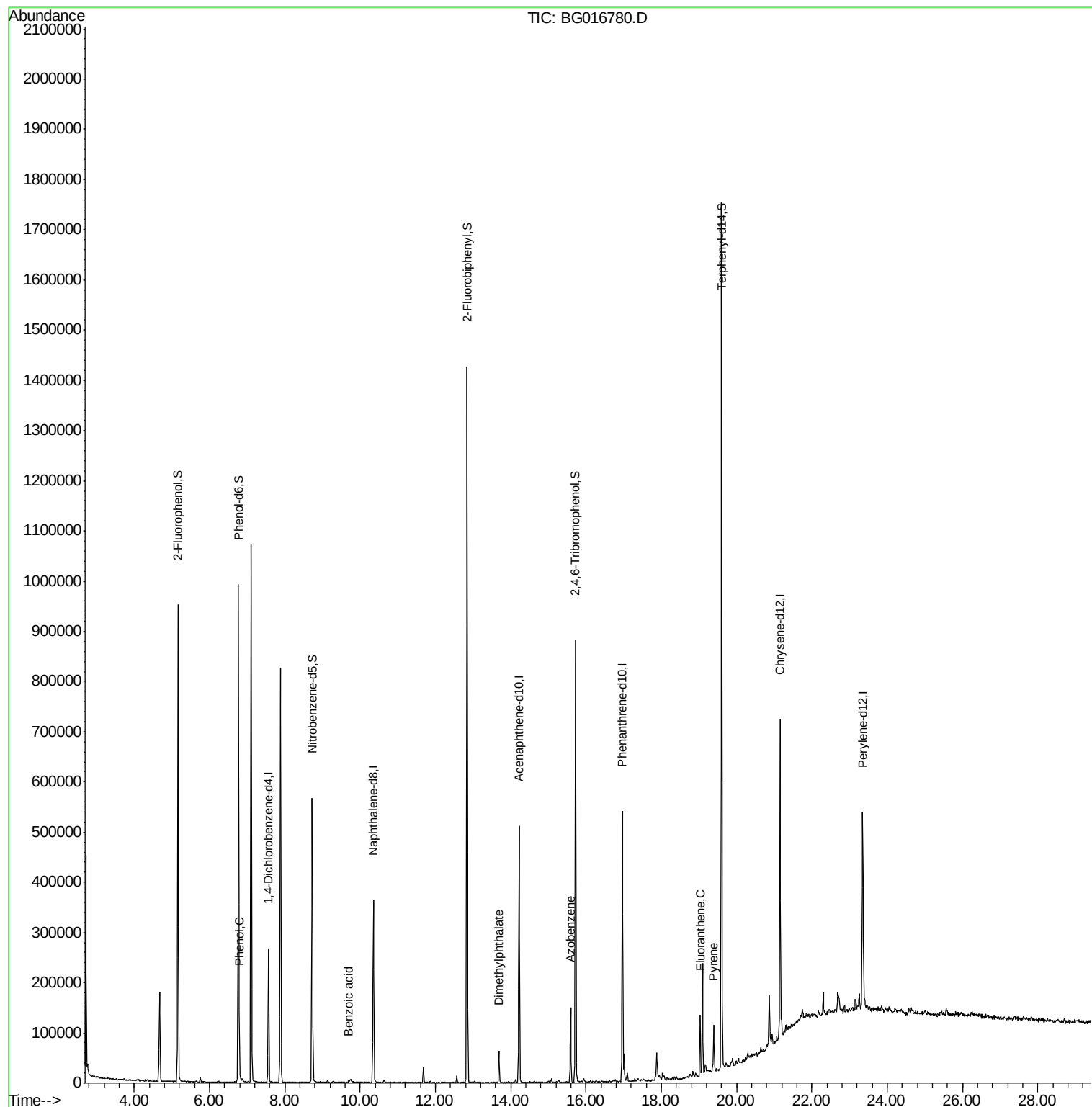
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	75130	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	318616	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	168109	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	299127	20.00	ng	0.00
75) Chrysene-d12	21.15	240	252554	20.00	ng	0.00
86) Perylene-d12	23.35	264	249116	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	487996	105.40	ng	0.00
7) Phenol-d6	6.77	99	664310	102.28	ng	0.00
23) Nitrobenzene-d5	8.73	82	333759	66.19	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	129400	103.76	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	724945	69.28	ng	0.00
78) Terphenyl-d14	19.60	244	652062	59.47	ng	0.00
Target Compounds						
10) Phenol	6.79	94	18283	2.67	ng	96
32) Benzoic acid	9.70	122	3767	9.96	ng	81
49) Dimethylphthalate	13.69	163	44275	3.52	ng	99
62) Azobenzene	15.59	77	36887	3.08	ng	# 1
74) Fluoranthene	19.03	202	59103	3.25	ng	96
77) Pyrene	19.39	202	52935	2.98	ng	98

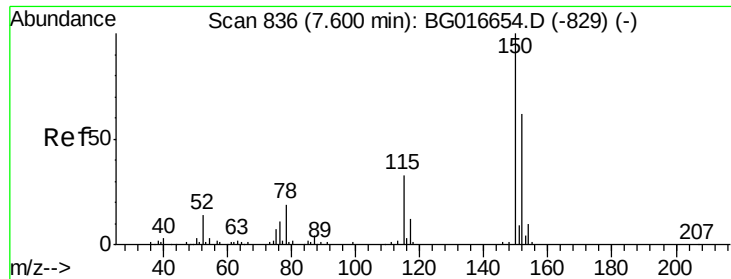
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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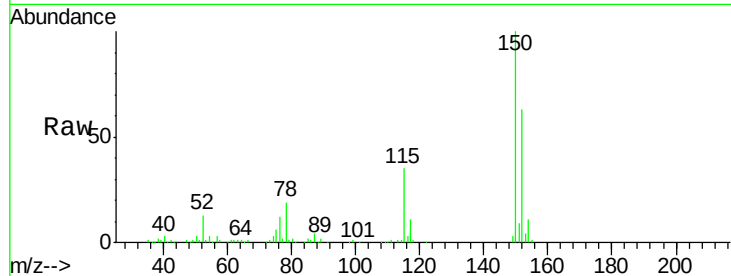


#1

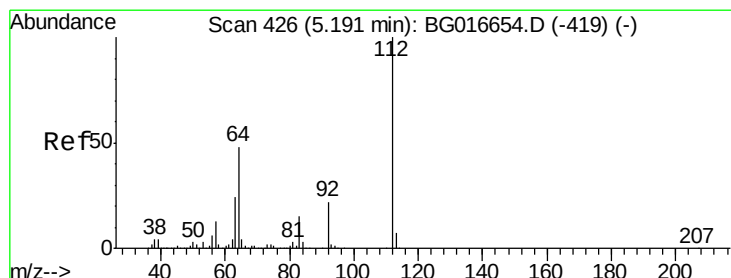
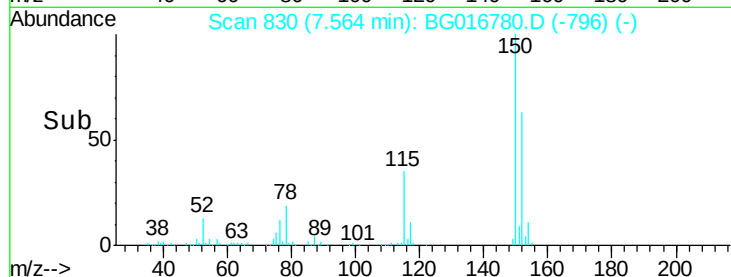
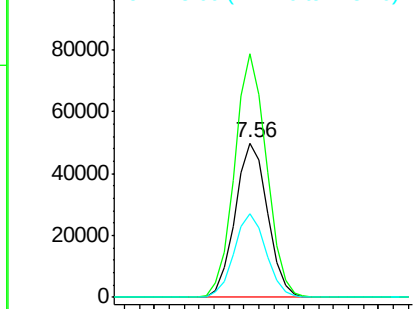
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG016780.D
Acq: 29 Apr 2015 00:15

Instrument :
BNA_G
ClientSampleId :
PZ-1(40-43)

Tgt Ion:152 Resp: 75130
Ion Ratio Lower Upper
152 100
150 157.5 129.6 194.4
115 54.4 43.0 64.6



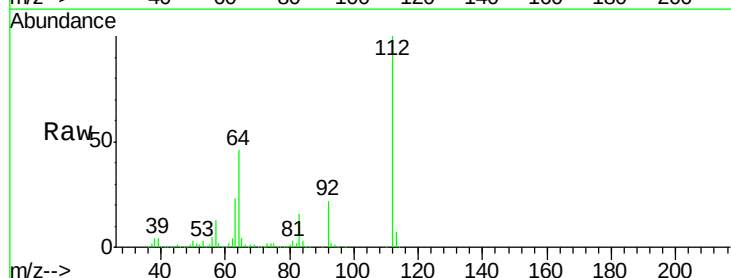
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



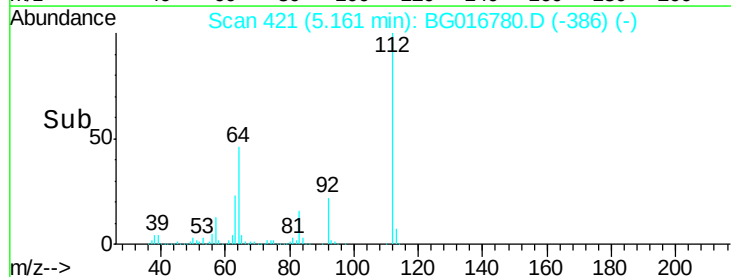
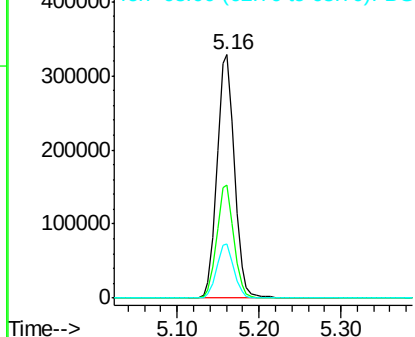
#5

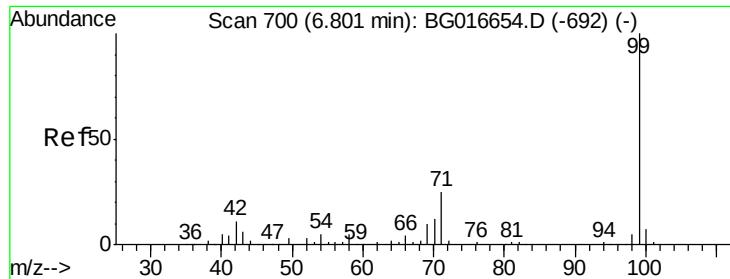
2-Fluorophenol
Concen: 105.40 ng
RT: 5.16 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG016780.D
Acq: 29 Apr 2015 00:15

Tgt Ion:112 Resp: 487996
Ion Ratio Lower Upper
112 100
64 46.4 38.3 57.5
63 22.5 18.9 28.3



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: 102.28 ng

RT: 6.77 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG016780.D

Acq: 29 Apr 2015 00:15

Instrument :

BNA_G

ClientSampleId :

PZ-1(40-43)

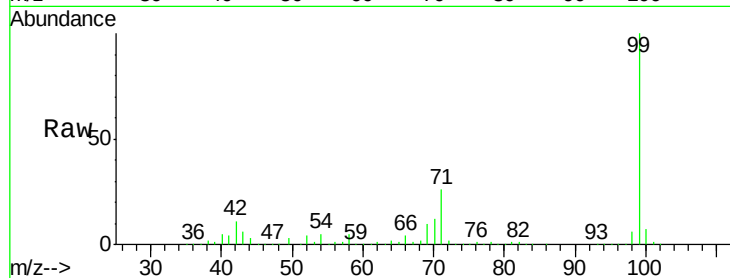
Tgt Ion: 99 Resp: 664310

Ion Ratio Lower Upper

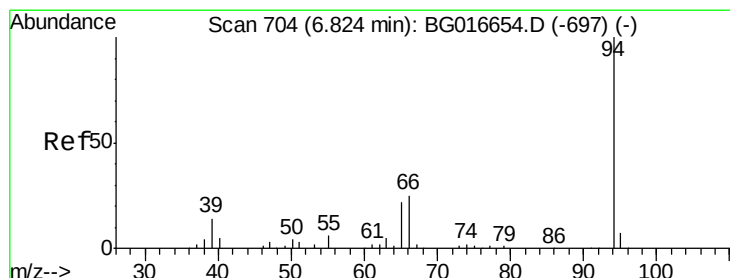
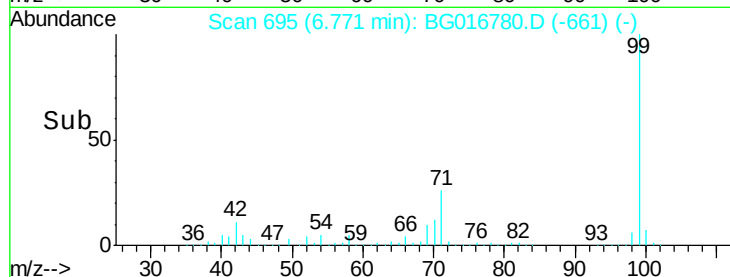
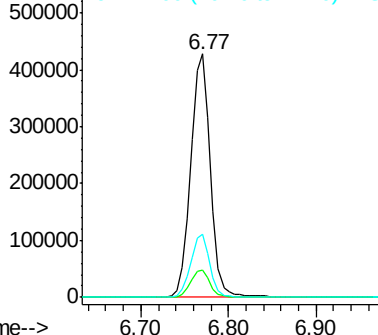
99 100

42 11.3 8.8 13.2

71 25.8 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



#10

Phenol

Concen: 2.67 ng

RT: 6.79 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG016780.D

Acq: 29 Apr 2015 00:15

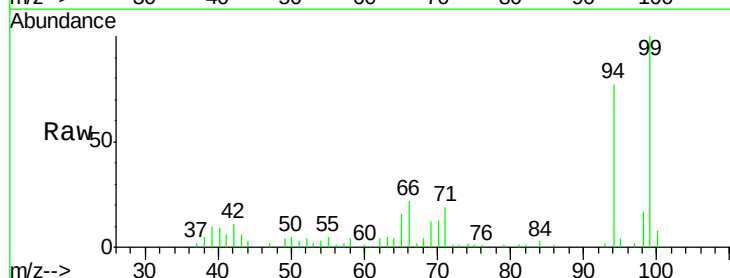
Tgt Ion: 94 Resp: 18283

Ion Ratio Lower Upper

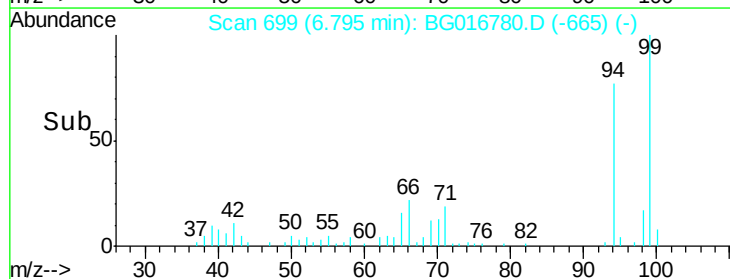
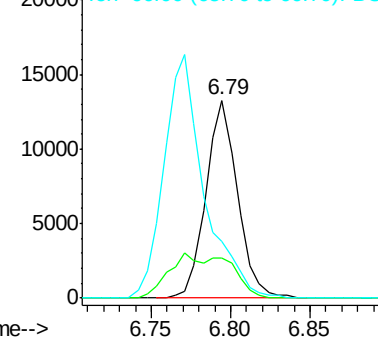
94 100

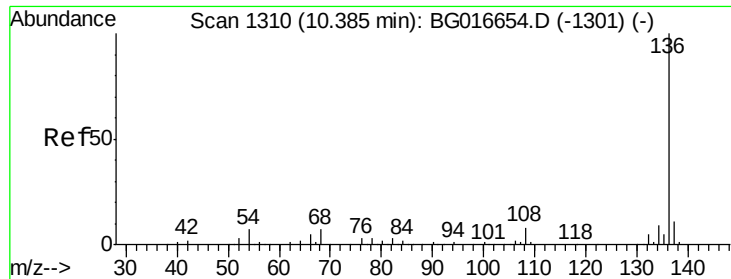
65 20.4 2.6 42.6

66 28.9 7.0 47.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

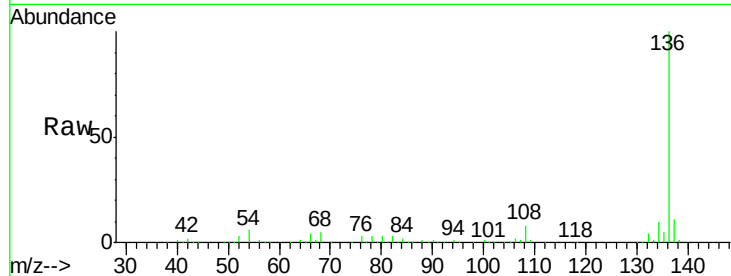




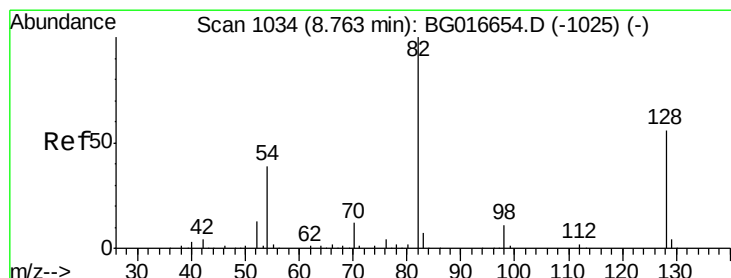
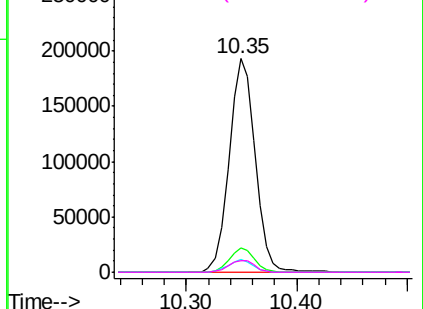
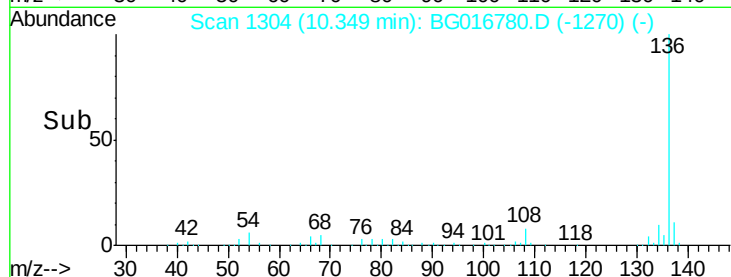
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG016780.D
Acq: 29 Apr 2015 00:15

Instrument :
BNA_G
ClientSampleId :
PZ-1(40-43)

Tgt Ion:	136	Resp:	318616
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	5.8	5.4	8.2
68	5.5	5.2	7.8

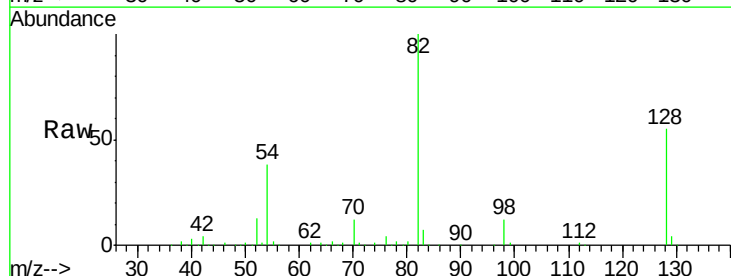


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

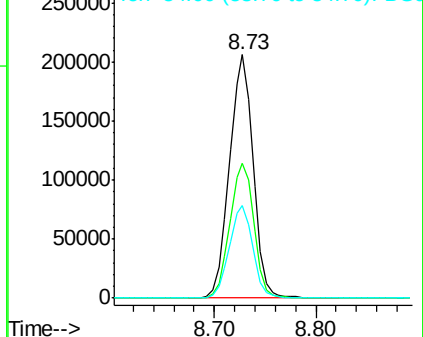
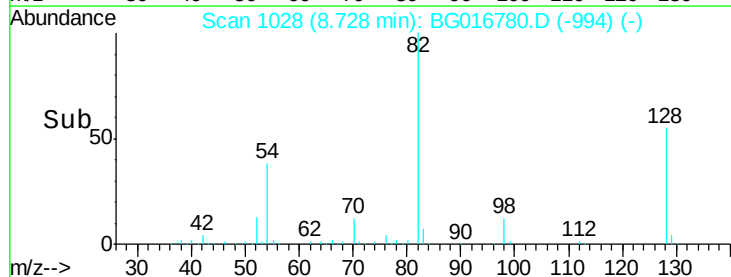


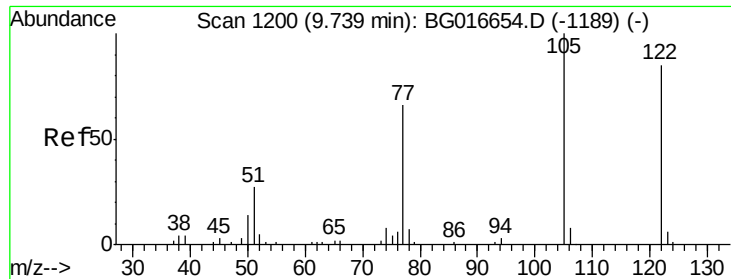
#23
Nitrobenzene-d5
Concen: 66.19 ng
RT: 8.73 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG016780.D
Acq: 29 Apr 2015 00:15

Tgt Ion:	82	Resp:	333759
Ion	Ratio	Lower	Upper
82	100		
128	55.4	44.7	67.1
54	38.2	30.9	46.3



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





#32

Benzoic acid

Concen: 9.96 ng

RT: 9.70 min Scan# 1194

Delta R.T. -0.04 min

Lab File: BG016780.D

Acq: 29 Apr 2015 00:15

Instrument :

BNA_G

ClientSampleId :

PZ-1(40-43)

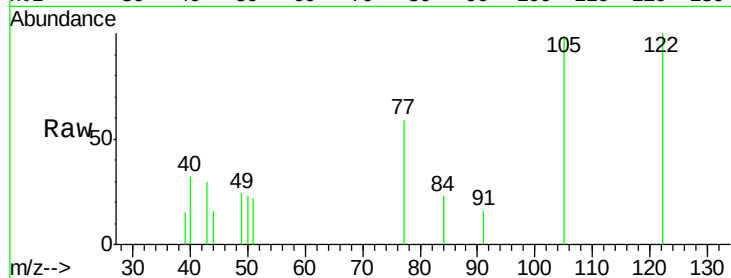
Tgt Ion:122 Resp: 3767

Ion Ratio Lower Upper

122 100

105 98.5 97.2 137.2

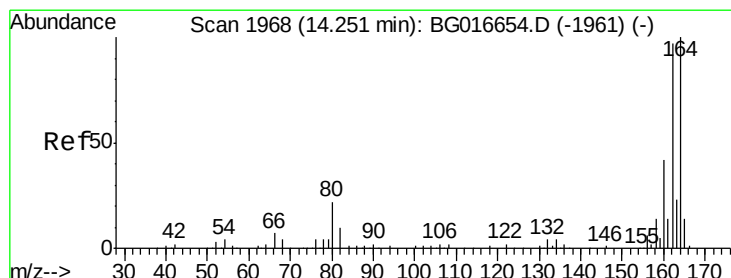
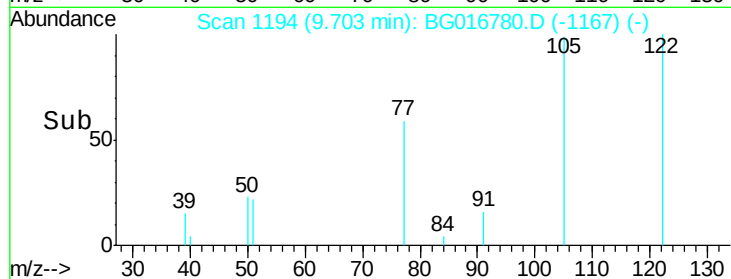
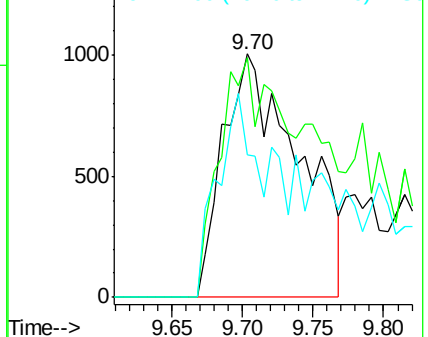
77 58.7 58.4 98.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.22 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG016780.D

Acq: 29 Apr 2015 00:15

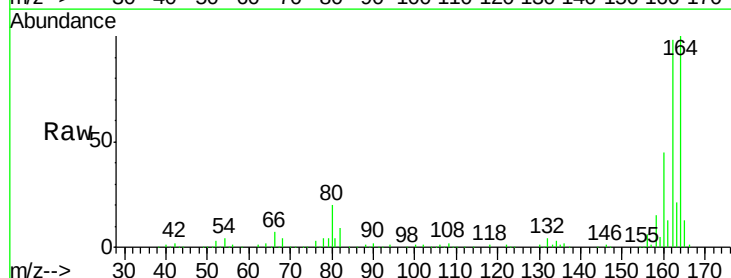
Tgt Ion:164 Resp: 168109

Ion Ratio Lower Upper

164 100

162 97.6 77.3 115.9

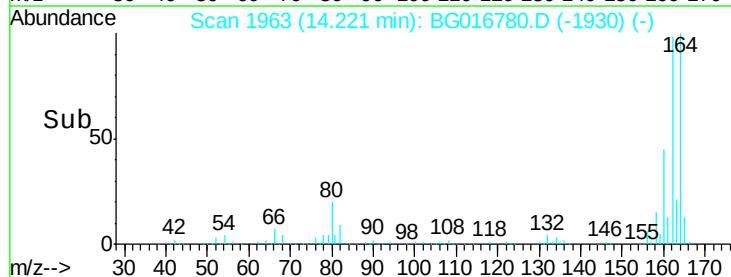
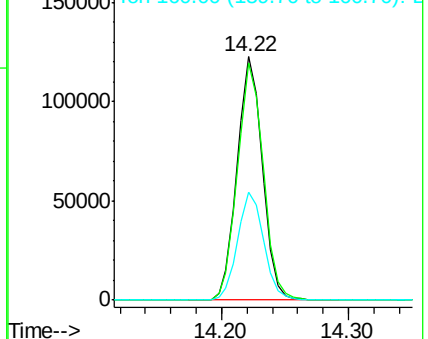
160 44.5 33.7 50.5

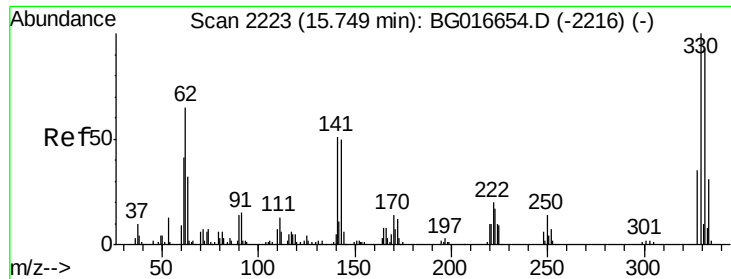


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

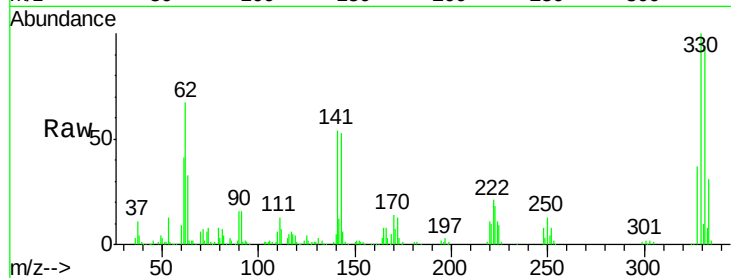




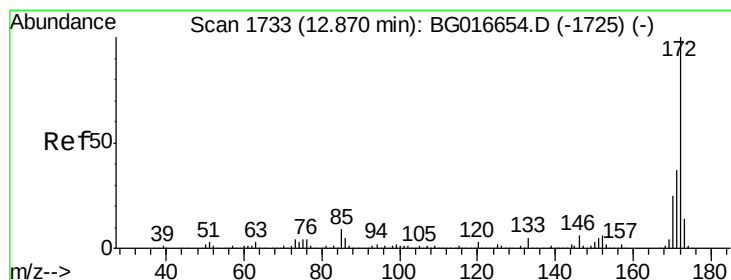
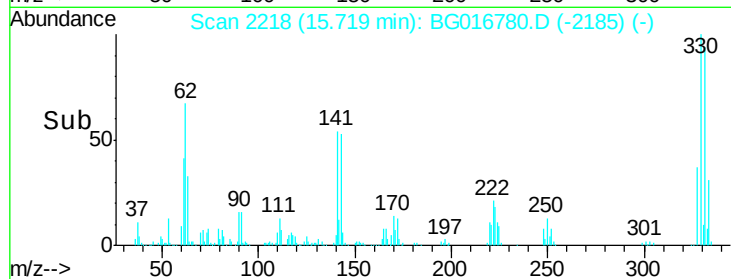
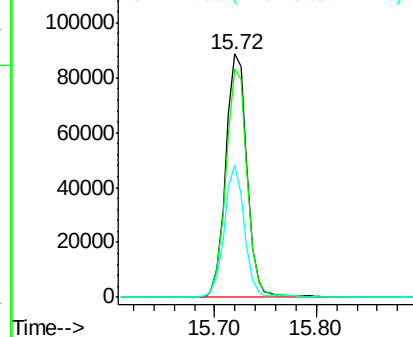
#41
 2,4,6-Tribromophenol
 Concen: 103.76 ng
 RT: 15.72 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BG016780.D
 Acq: 29 Apr 2015 00:15

Instrument :
 BNA_G
 ClientSampleId :
 PZ-1(40-43)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.5	76.2	114.4
141	51.1	43.0	64.6

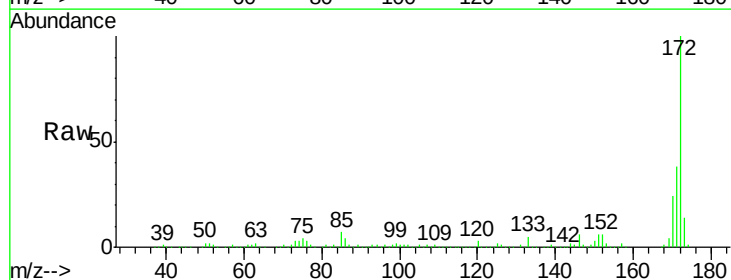


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

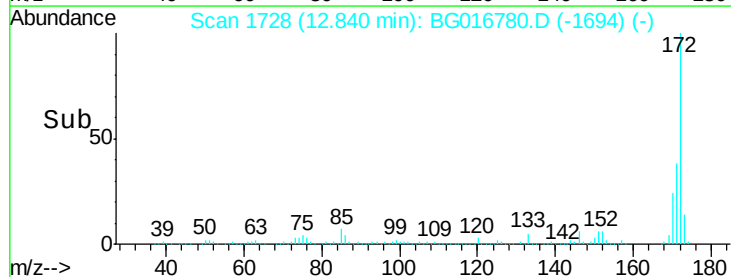
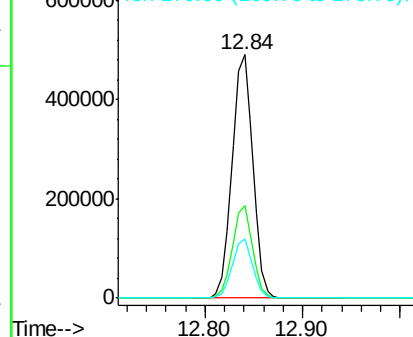


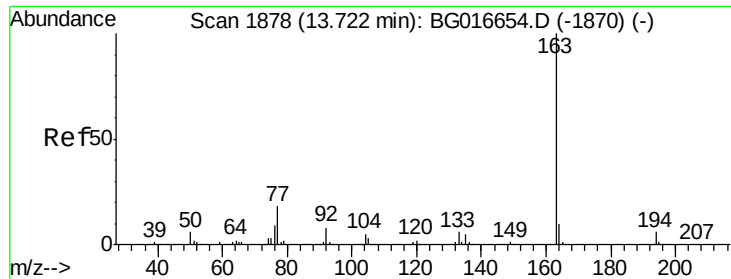
#44
 2-Fluorobiphenyl
 Concen: 69.28 ng
 RT: 12.84 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG016780.D
 Acq: 29 Apr 2015 00:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.9	44.9
170	24.3	19.8	29.8



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





#49

Dimethylphthalate

Concen: 3.52 ng

RT: 13.69 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG016780.D

Acq: 29 Apr 2015 00:15

Instrument :

BNA_G

ClientSampleId :

PZ-1(40-43)

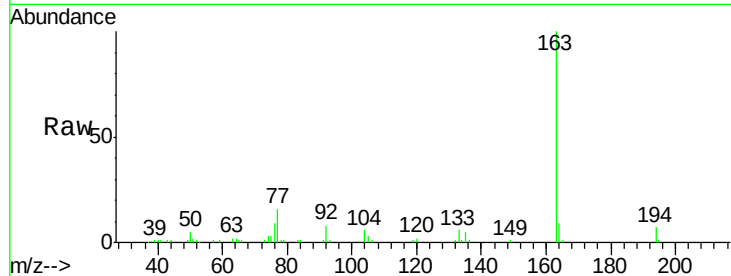
Tgt Ion:163 Resp: 44275

Ion Ratio Lower Upper

163 100

194 6.7 5.0 7.4

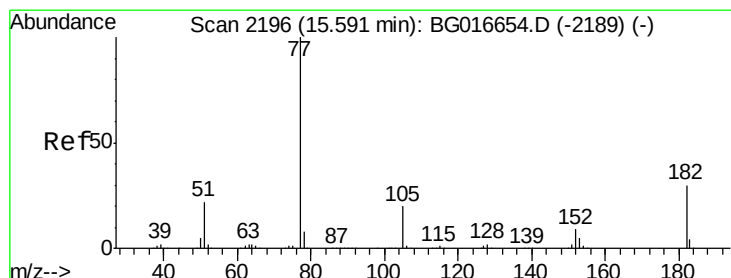
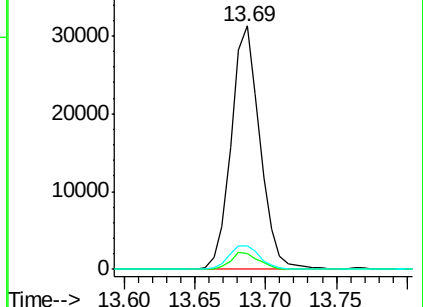
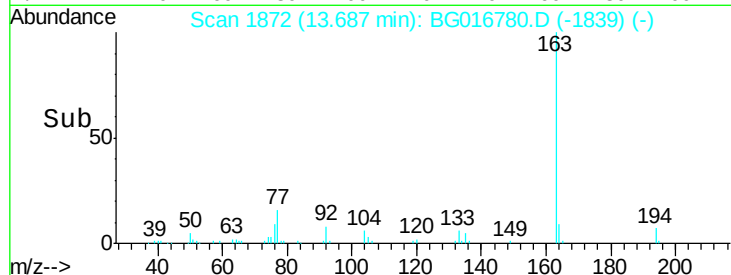
164 9.5 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#62

Azobenzene

Concen: 3.08 ng

RT: 15.59 min Scan# 2196

Delta R.T. 0.02 min

Lab File: BG016780.D

Acq: 29 Apr 2015 00:15

Tgt Ion: 77 Resp: 36887

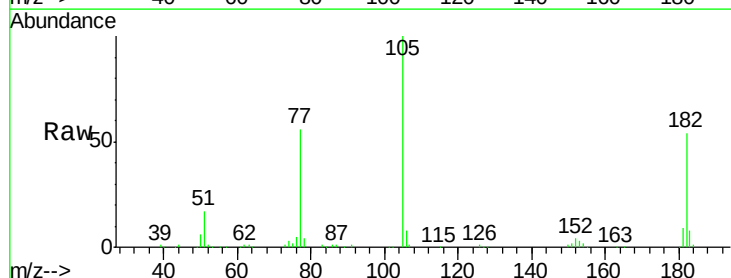
Ion Ratio Lower Upper

77 100

182 97.9 9.8 49.8#

105 179.9 0.0 39.5#

51 30.5 1.9 41.9

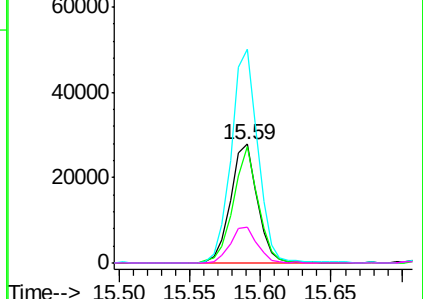
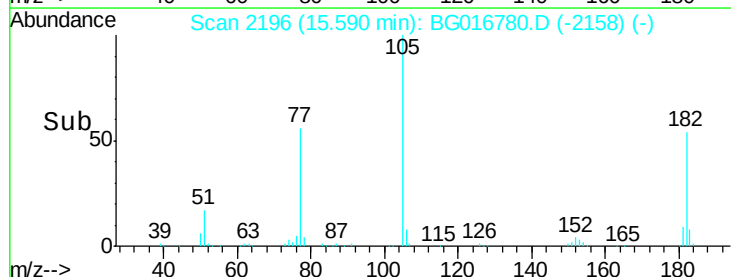


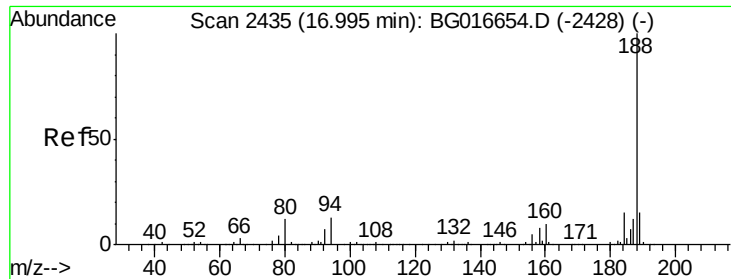
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

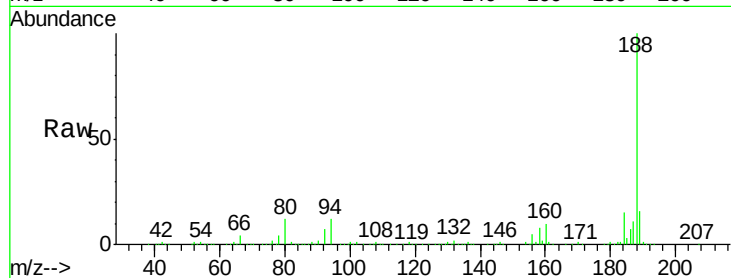




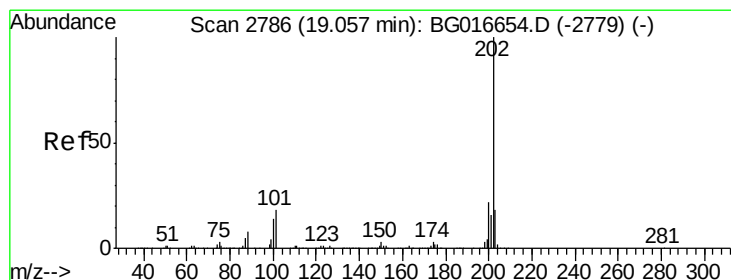
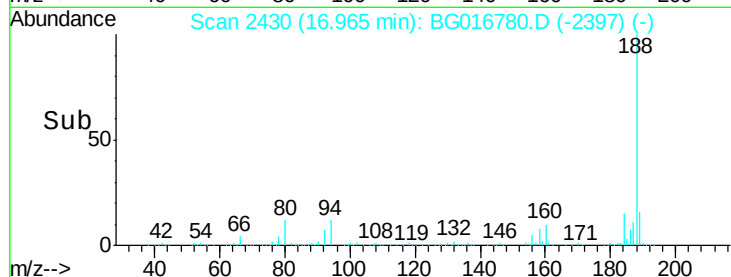
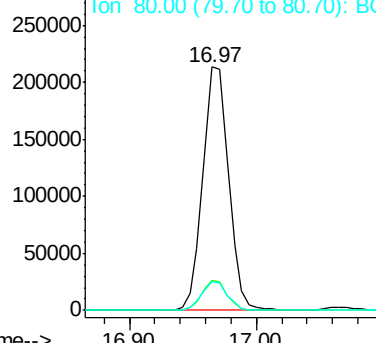
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG016780.D
Acq: 29 Apr 2015 00:15

Instrument :
BNA_G
ClientSampleId :
PZ-1(40-43)

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.4	10.7	16.1
80	11.9	9.9	14.9

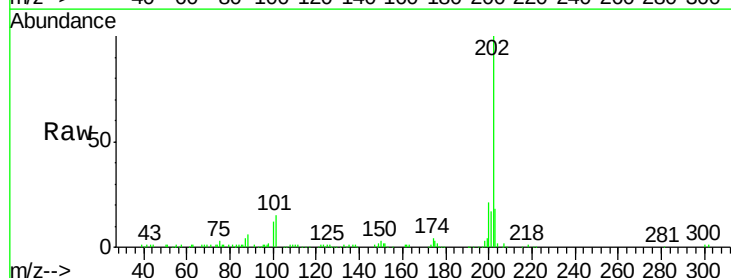


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

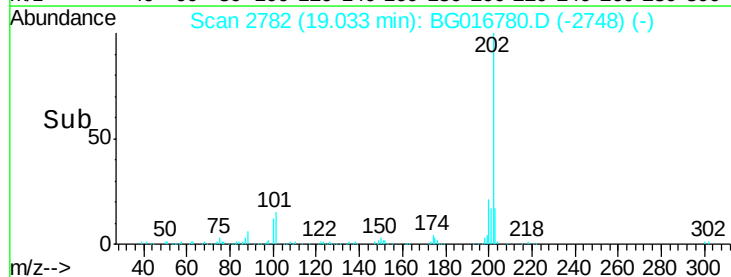
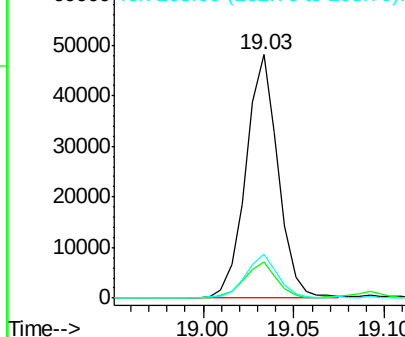


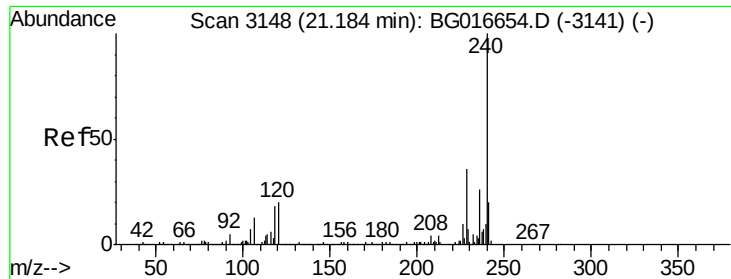
#74
Fluoranthene
Concen: 3.25 ng
RT: 19.03 min Scan# 2782
Delta R.T. -0.00 min
Lab File: BG016780.D
Acq: 29 Apr 2015 00:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	38.1
203	17.8	0.0	38.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.15 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG016780.D

Acq: 29 Apr 2015 00:15

Instrument :

BNA_G

ClientSampled :

PZ-1(40-43)

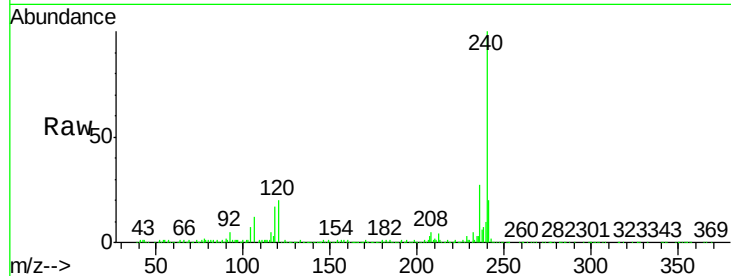
Tgt Ion:240 Resp: 252554

Ion Ratio Lower Upper

240 100

120 19.6 16.3 24.5

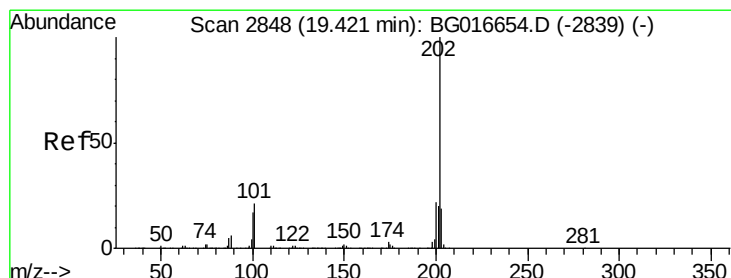
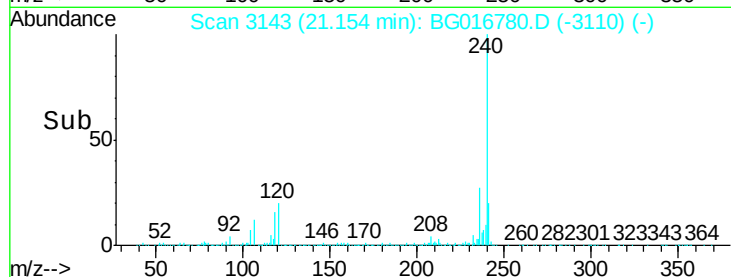
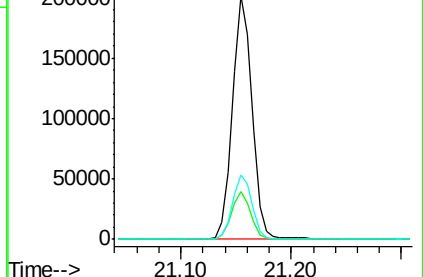
236 26.5 21.1 31.7



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



#77

Pyrene

Concen: 2.98 ng

RT: 19.39 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG016780.D

Acq: 29 Apr 2015 00:15

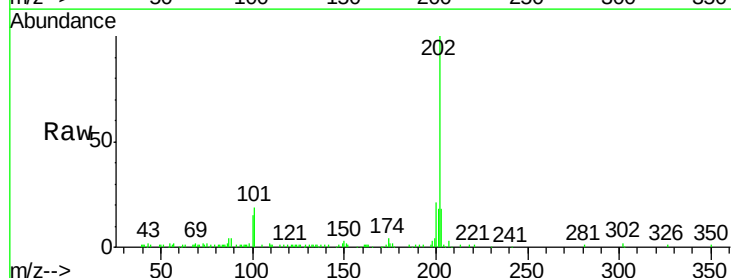
Tgt Ion:202 Resp: 52935

Ion Ratio Lower Upper

202 100

200 20.7 18.0 27.0

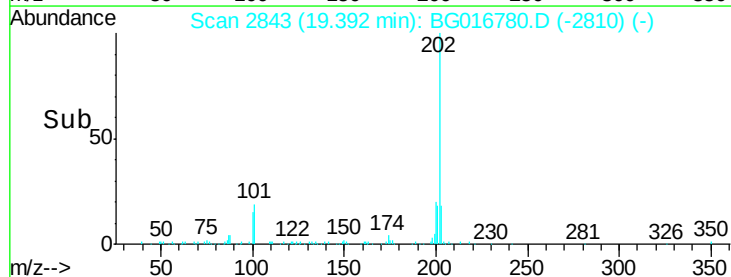
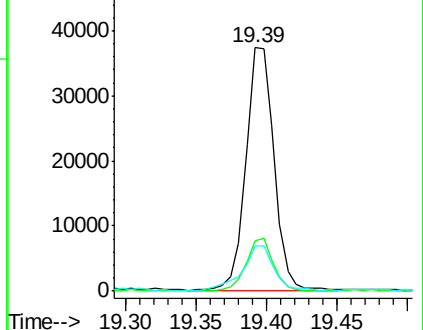
203 18.4 14.9 22.3

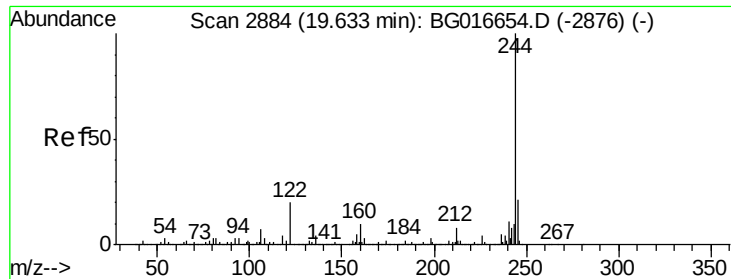


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 59.47 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG016780.D

Acq: 29 Apr 2015 00:15

Instrument :

BNA_G

ClientSampleId :

PZ-1(40-43)

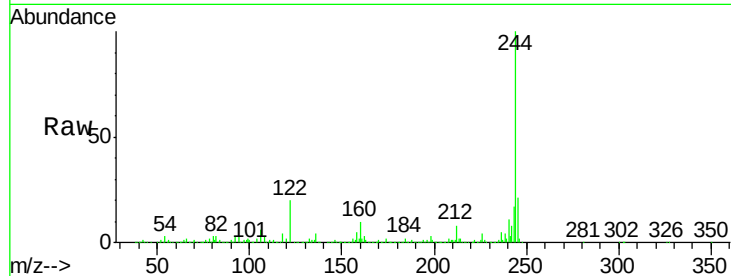
Tgt Ion:244 Resp: 652062

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

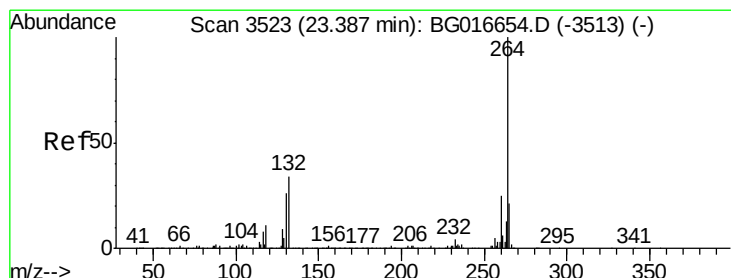
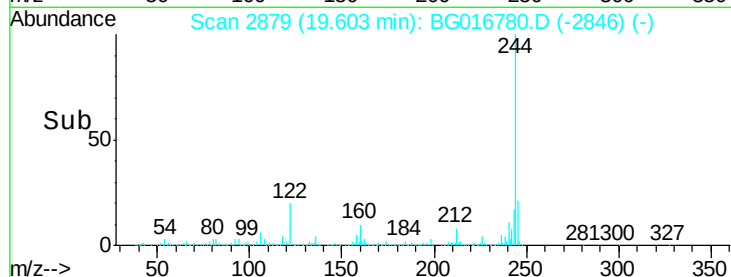
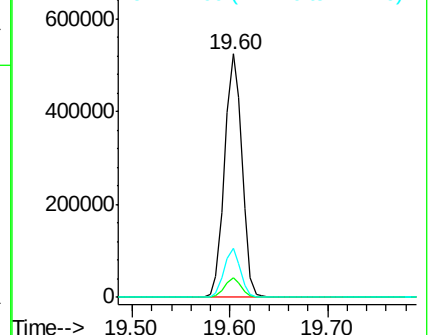
122 19.9 15.9 23.9



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: 23.35 min Scan# 3517

Delta R.T. -0.00 min

Lab File: BG016780.D

Acq: 29 Apr 2015 00:15

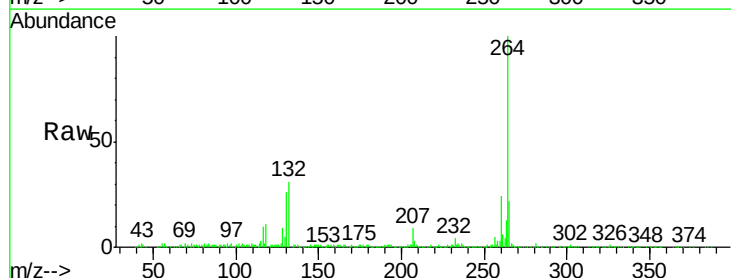
Tgt Ion:264 Resp: 249116

Ion Ratio Lower Upper

264 100

260 24.4 20.0 30.0

265 22.3 16.8 25.2



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

