

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019902.D
 Acq On : 4 Dec 2015 11:32
 Operator : UM/NP
 Sample : G4610-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-17

Quant Time: Dec 04 12:39:15 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

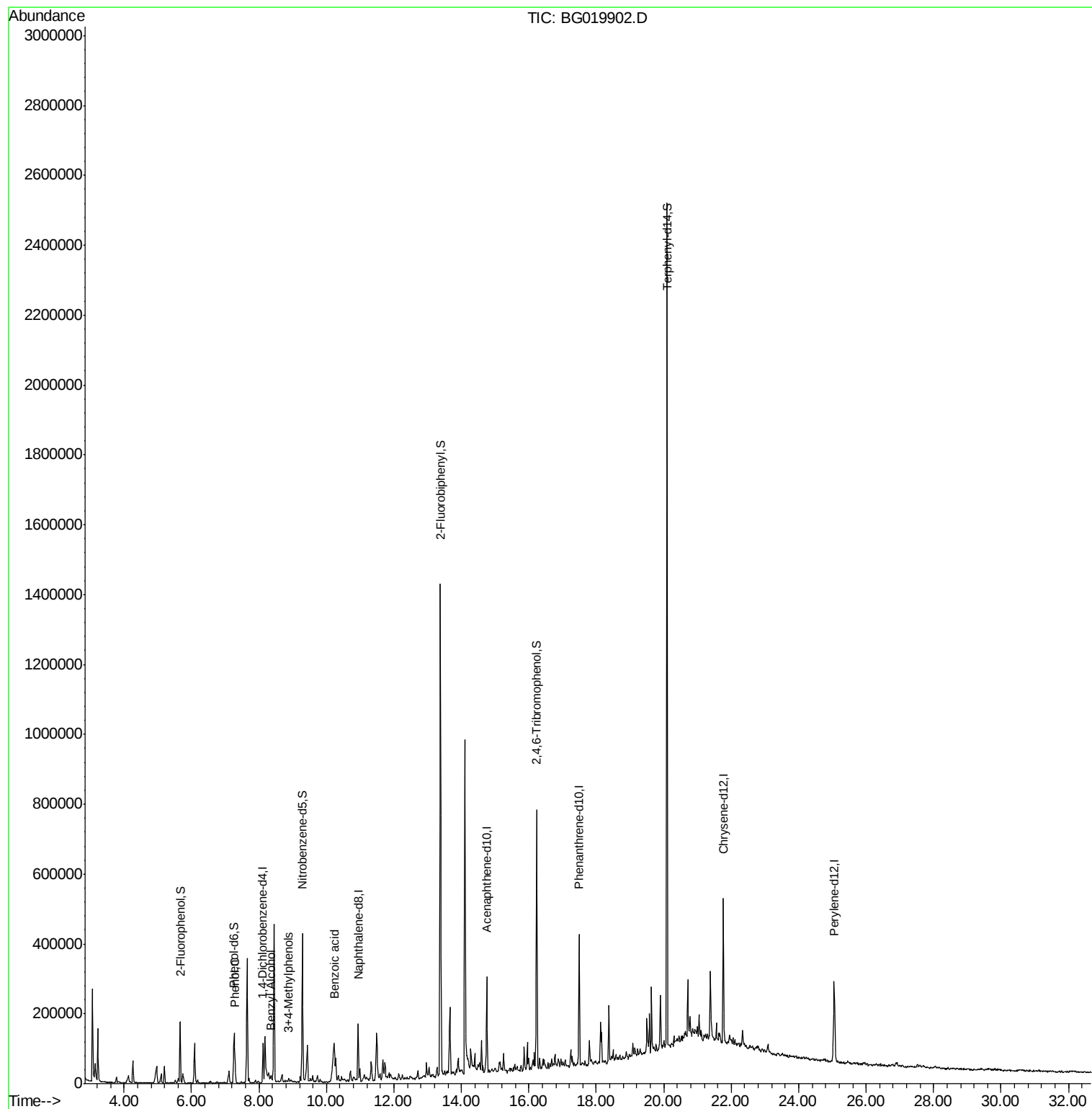
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	28511	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	131535	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	92845	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	218218	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	262173	20.00	ng	-0.03
86) Perylene-d12	25.05	264	251487	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	73704	46.72	ng	0.00
7) Phenol-d6	7.26	99	70721	29.69	ng	-0.01
23) Nitrobenzene-d5	9.29	82	259210	100.57	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	136202	95.88	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	641270	94.31	ng	-0.01
78) Terphenyl-d14	20.09	244	1033152	96.12	ng	-0.02
Target Compounds						
10) Phenol	7.28	94	43082	17.19	ng	82
15) Benzyl Alcohol	8.35	79	5147	2.46	ng	88
20) 3+4-Methylphenols	8.88	107	5786	2.32	ng	87
32) Benzoic acid	10.23	122	76732	50.31	ng	94

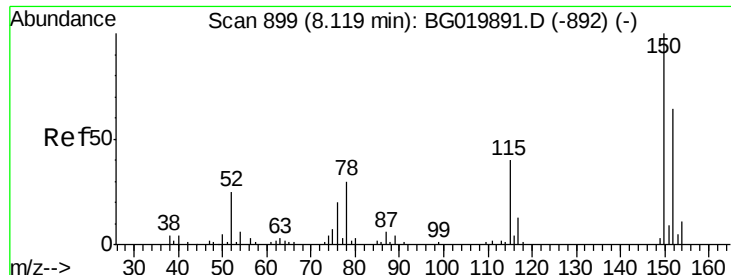
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 4 Dec 2015 11:32
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Quant Time: Dec 04 12:39:15 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.02 min

Lab File: BG019902.D

Acq: 4 Dec 2015 11:32

Instrument :

BNA_G

ClientSampleId :

TEC-17

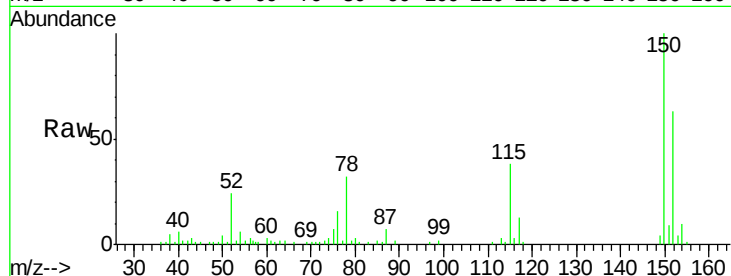
Tot Ion:152 Resp: 28511

Ion Ratio Lower Upper

152 100

150 158.7 115.0 172.4

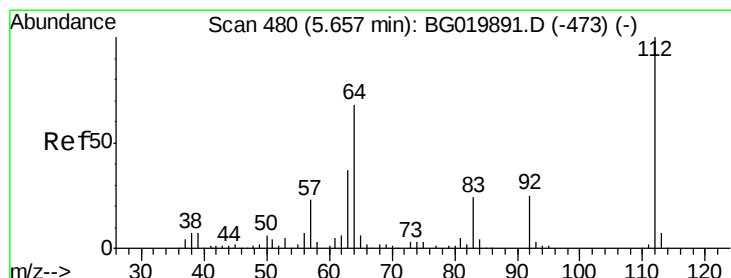
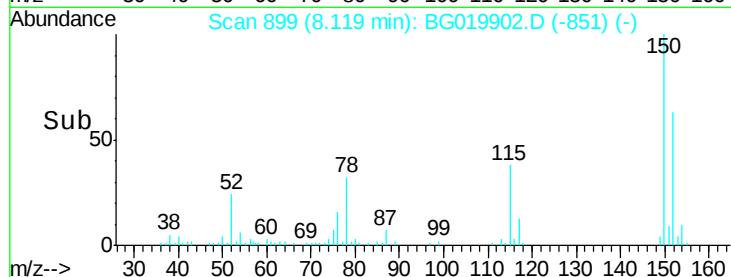
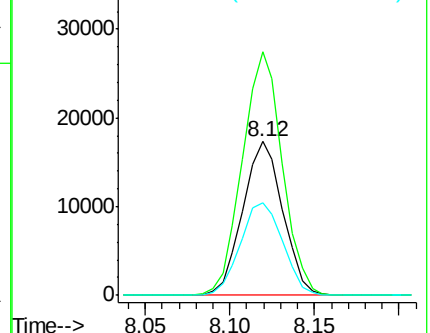
115 60.2 43.9 65.9



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: 46.72 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.01 min

Lab File: BG019902.D

Acq: 4 Dec 2015 11:32

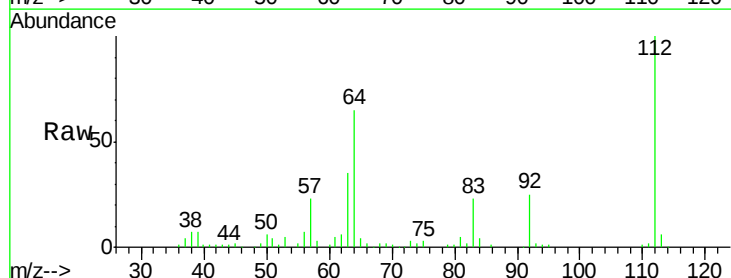
Tgt Ion:112 Resp: 73704

Ion Ratio Lower Upper

112 100

64 64.8 43.7 65.5

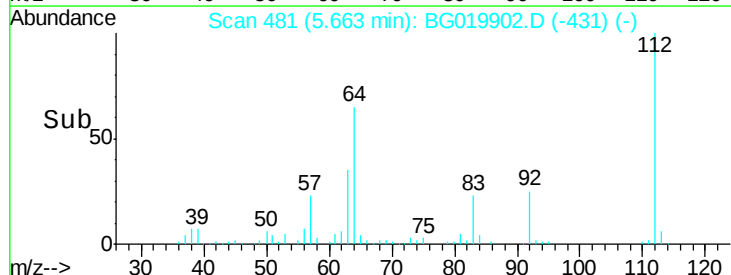
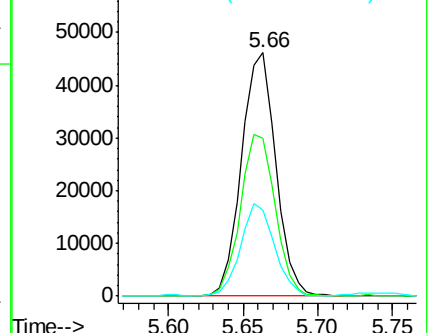
63 35.2 24.0 36.0

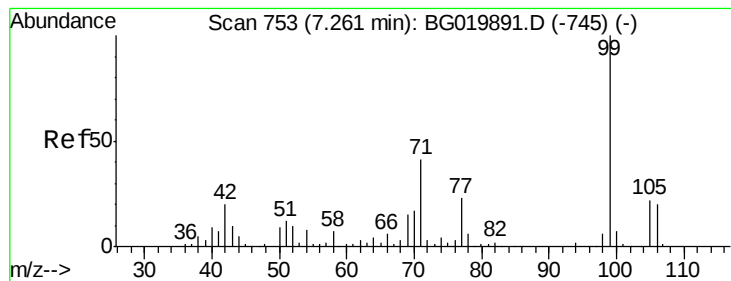


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 29.69 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019902.D

Acq: 4 Dec 2015 11:32

Instrument :

BNA_G

ClientSampled :

TEC-17

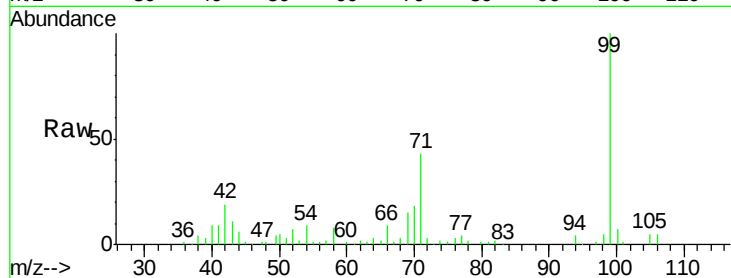
Tot Ion: 99 Resp: 70721

Ion Ratio Lower Upper

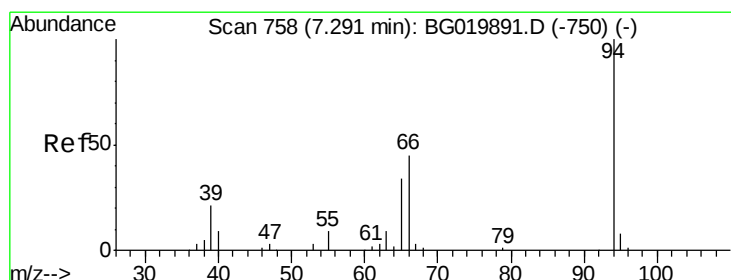
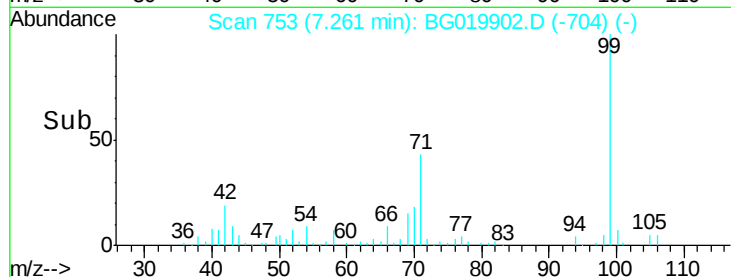
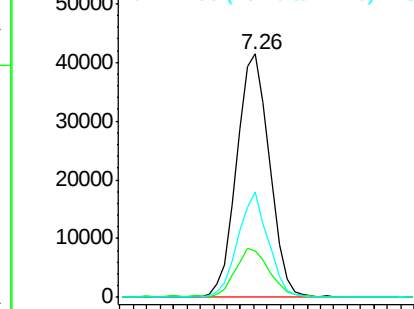
99 100

42 19.2 11.5 17.3#

71 43.0 22.6 34.0#



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: 17.19 ng

RT: 7.28 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG019902.D

Acq: 4 Dec 2015 11:32

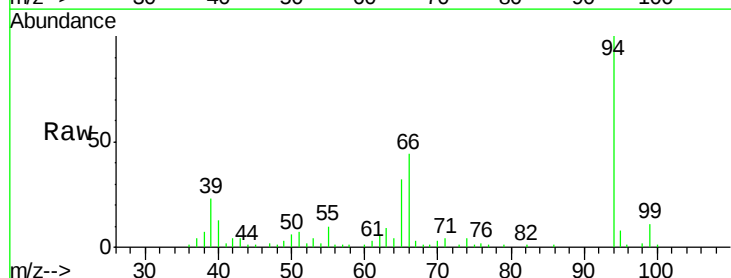
Tgt Ion: 94 Resp: 43082

Ion Ratio Lower Upper

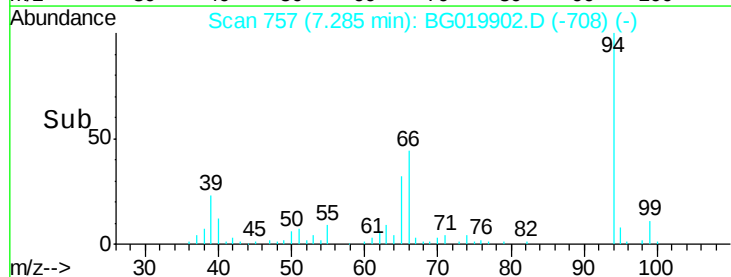
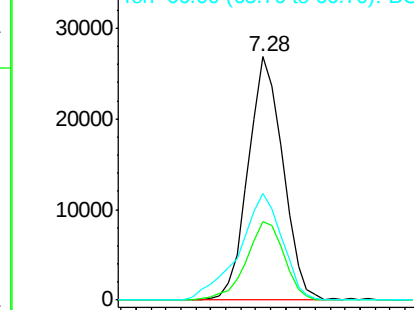
94 100

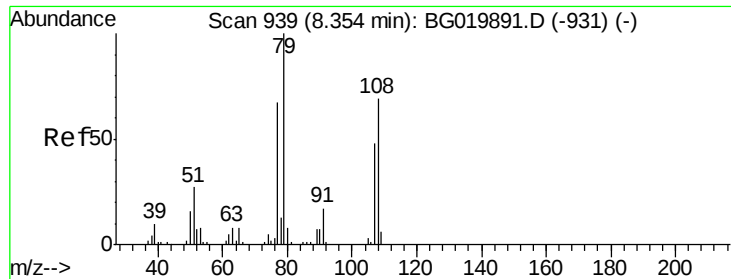
65 32.4 5.4 45.4

66 43.6 11.8 51.8



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

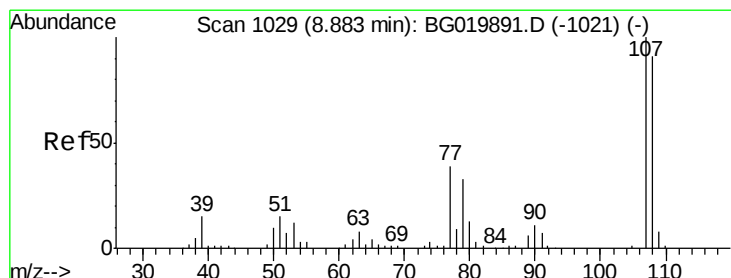
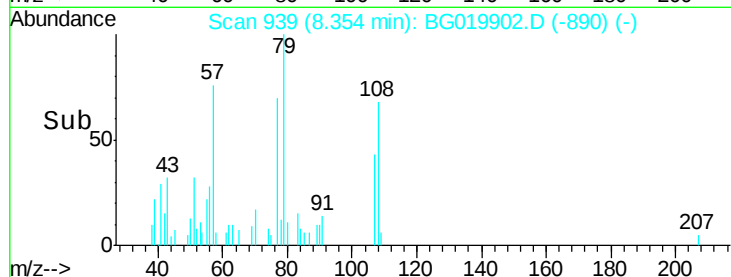
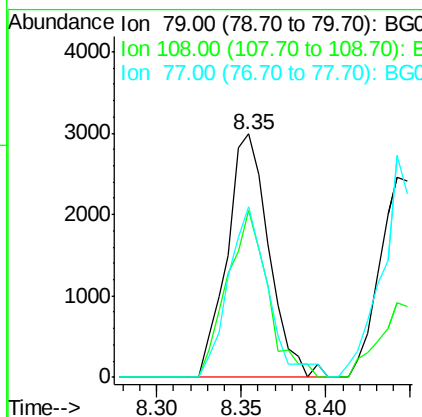
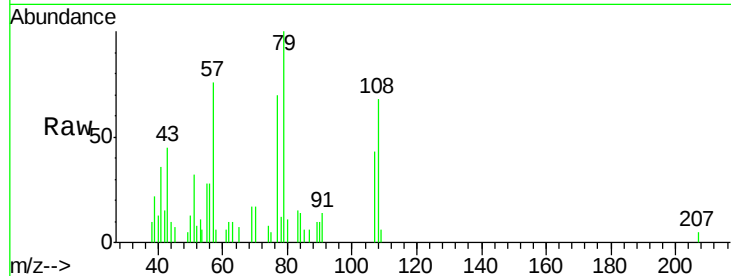




#15
Benzyl Alcohol
Concen: 2.46 ng
RT: 8.35 min Scan# 939
Delta R.T. -0.01 min
Lab File: BG019902.D
Acq: 4 Dec 2015 11:32

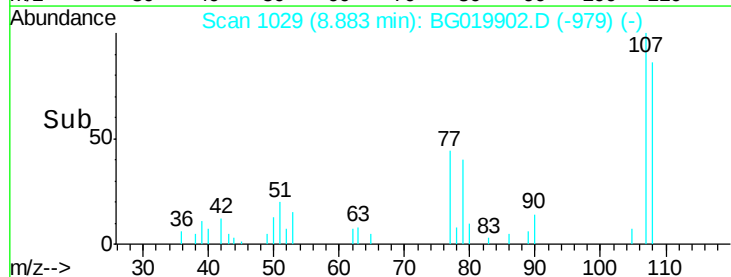
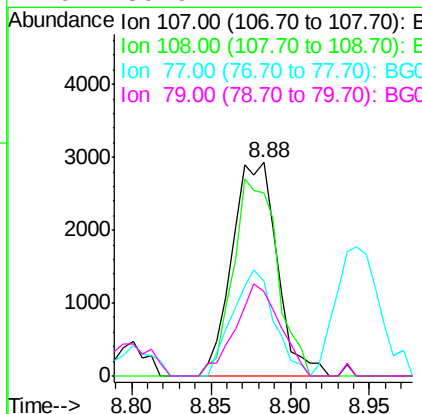
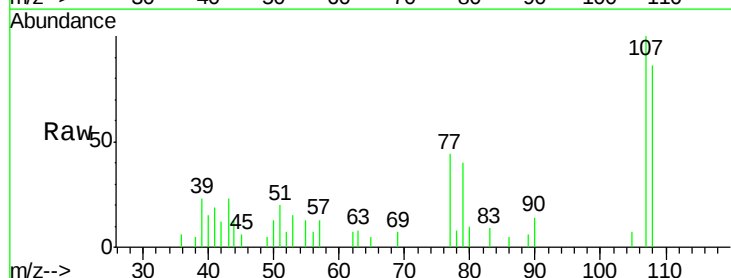
Instrument :
BNA_G
ClientSampleId :
TEC-17

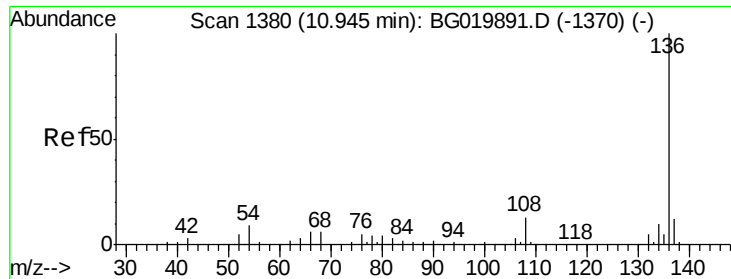
Tot Ion: 79 Resp: 5147
Ion Ratio Lower Upper
79 100
108 68.3 65.5 98.3
77 70.2 51.3 76.9



#20
3+4-Methylphenols
Concen: 2.32 ng
RT: 8.88 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG019902.D
Acq: 4 Dec 2015 11:32

Tgt Ion: 107 Resp: 5786
Ion Ratio Lower Upper
107 100
108 85.5 72.2 112.2
77 44.2 13.4 53.4
79 39.9 7.2 47.2

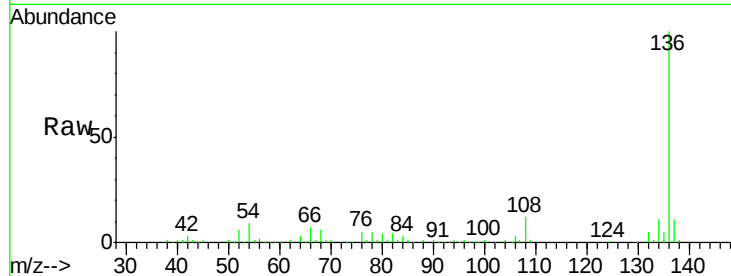




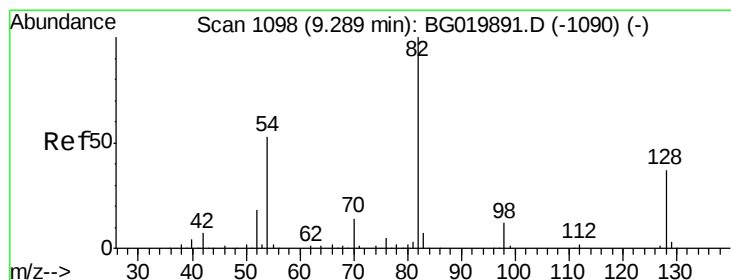
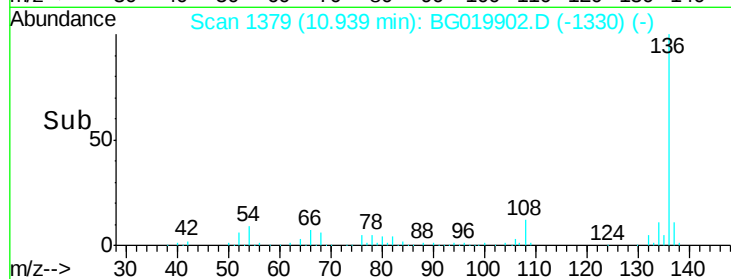
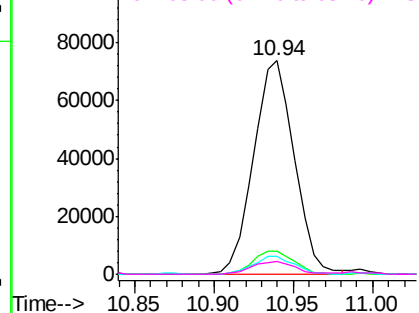
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG019902.D
Acq: 4 Dec 2015 11:32

Instrument :
BNA_G
ClientSampleId :
TEC-17

Tot Ion:136	Resp:	131535
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.6 12.8
54	8.7	5.4 8.2#
68	6.1	5.3 7.9

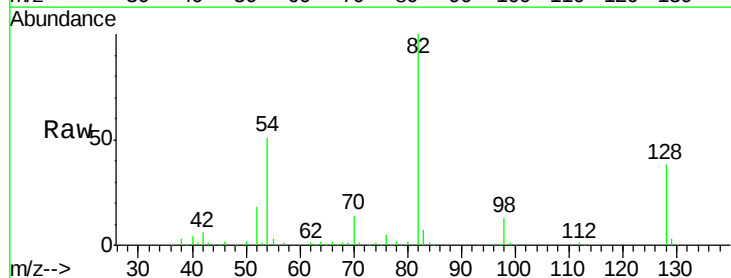


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

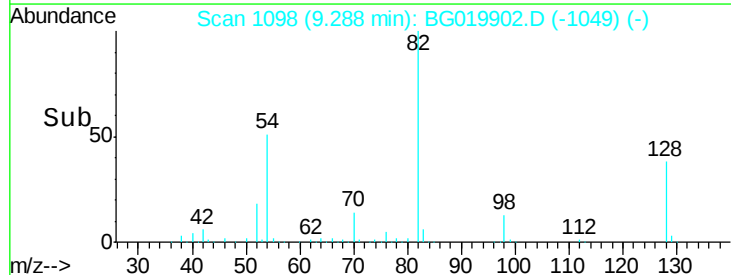
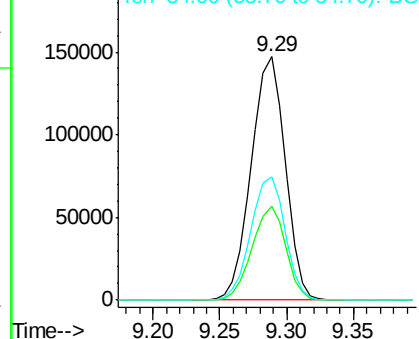


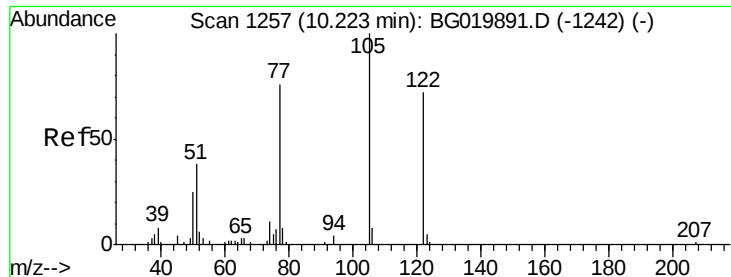
#23
Nitrobenzene-d5
Concen: 100.57 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BG019902.D
Acq: 4 Dec 2015 11:32

Tgt Ion: 82	Resp:	259210
Ion Ratio	Lower	Upper
82	100	
128	38.4	36.7 55.1
54	50.5	33.8 50.8



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

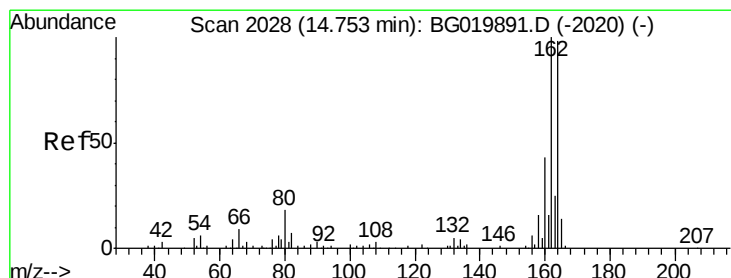
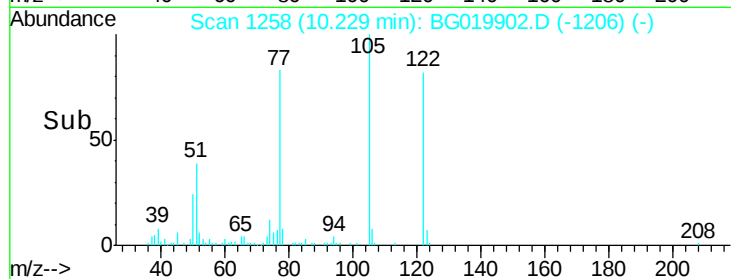
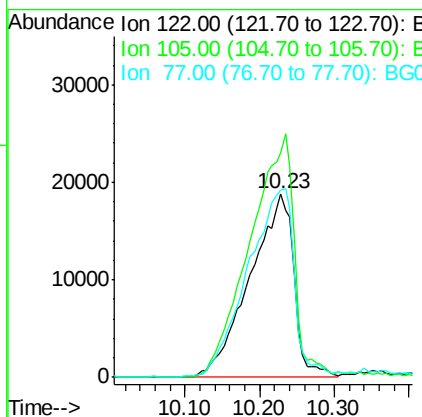
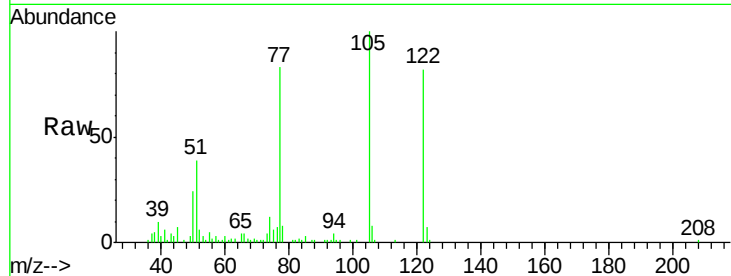




#32
Benzoic acid
Concen: 50.31 ng
RT: 10.23 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BG019902.D
Acq: 4 Dec 2015 11:32

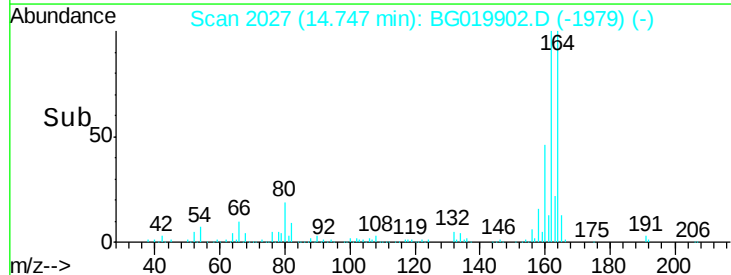
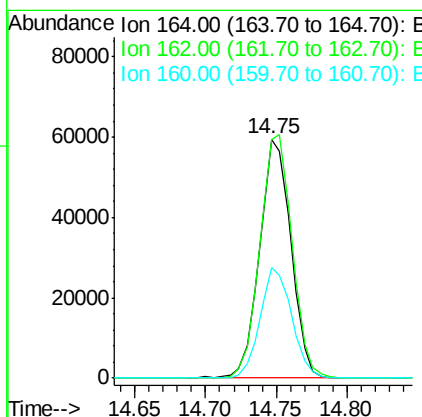
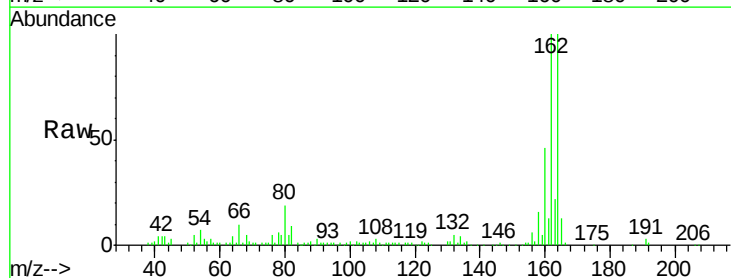
Instrument :
BNA_G
ClientSampleId :
TEC-17

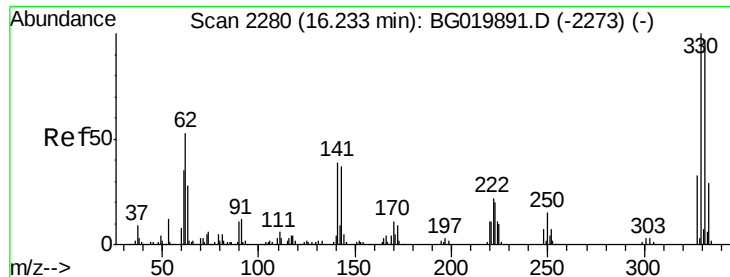
Tot Ion:122 Resp: 76732
Ion Ratio Lower Upper
122 100
105 122.5 103.8 143.8
77 101.6 68.8 108.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019902.D
Acq: 4 Dec 2015 11:32

Tgt Ion:164 Resp: 92845
Ion Ratio Lower Upper
164 100
162 100.1 78.8 118.2
160 46.2 36.4 54.6

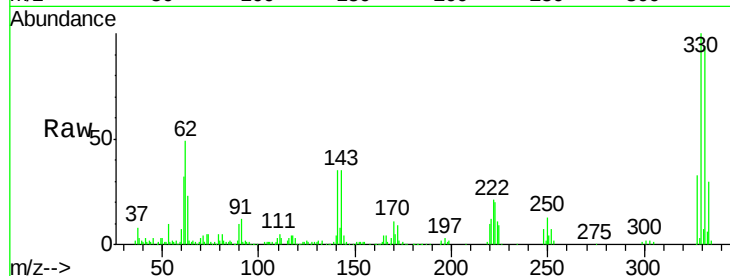




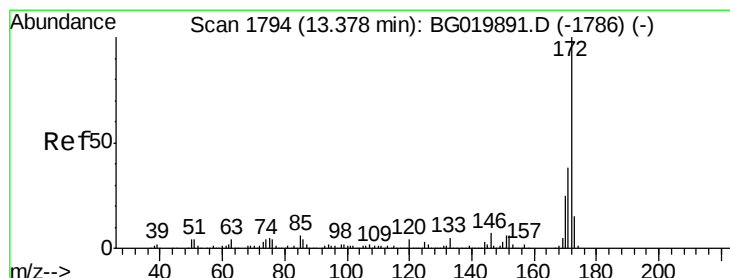
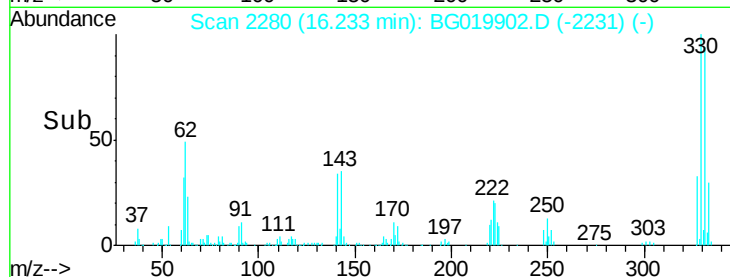
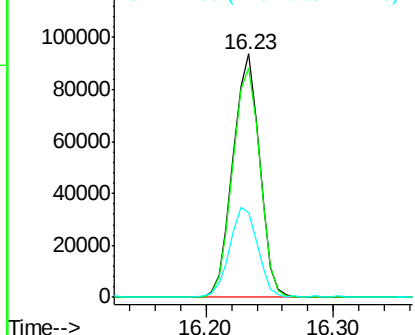
#41
 2,4,6-Tribromophenol
 Concen: 95.88 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG019902.D
 Acq: 4 Dec 2015 11:32

Instrument :
 BNA_G
 ClientSampleId :
 TEC-17

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.1	117.1
141	38.2	28.2	42.2

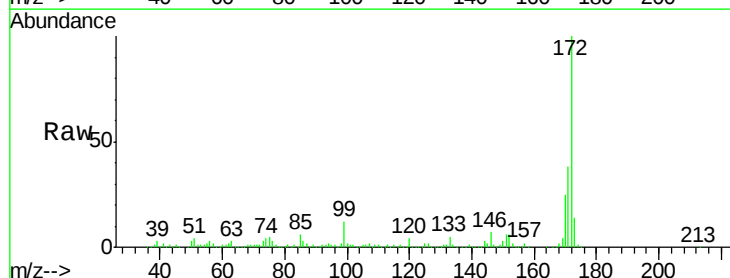


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

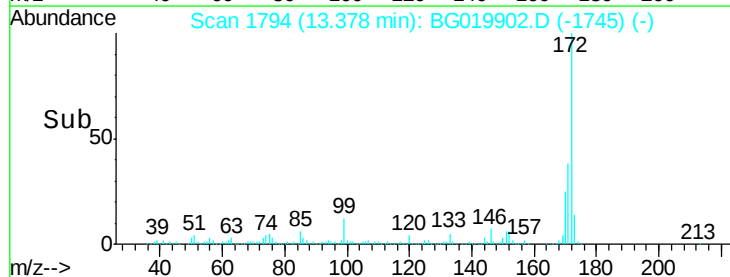
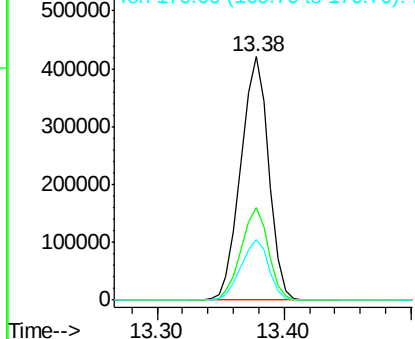


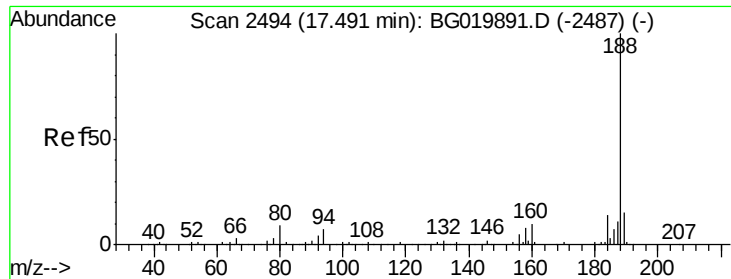
#44
 2-Fluorobiphenyl
 Concen: 94.31 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG019902.D
 Acq: 4 Dec 2015 11:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.0	43.6
170	24.8	19.9	29.9



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

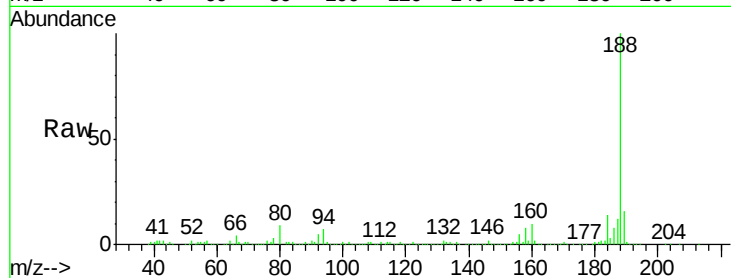




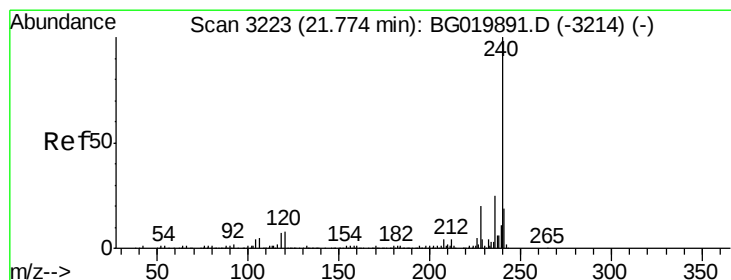
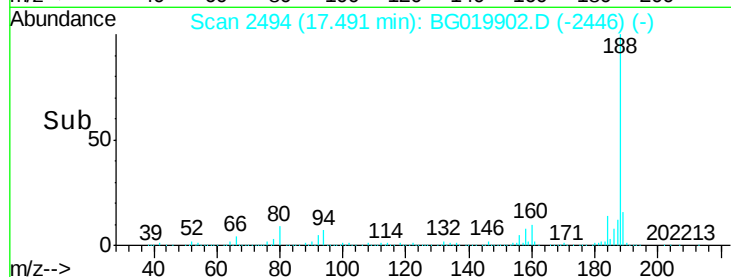
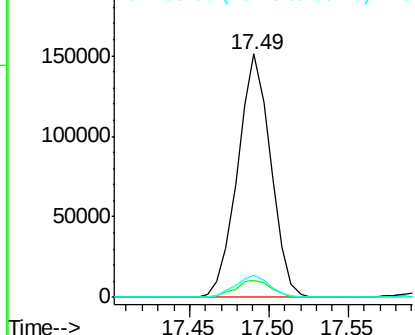
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.02 min
Lab File: BG019902.D
Acq: 4 Dec 2015 11:32

Instrument :
BNA_G
ClientSampleId :
TEC-17

Tot Ion:188 Resp: 218218
Ion Ratio Lower Upper
188 100
94 7.0 7.7 11.5#
80 9.3 7.8 11.8

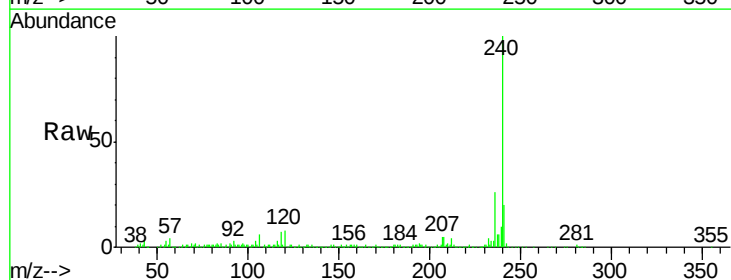


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

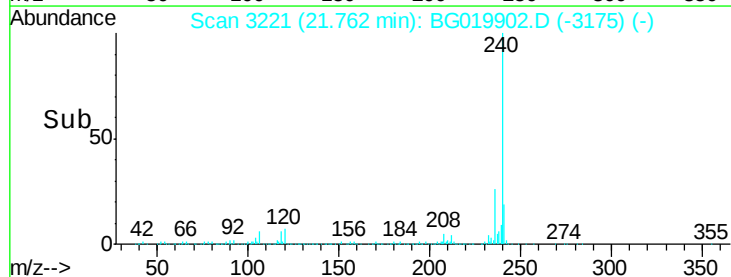
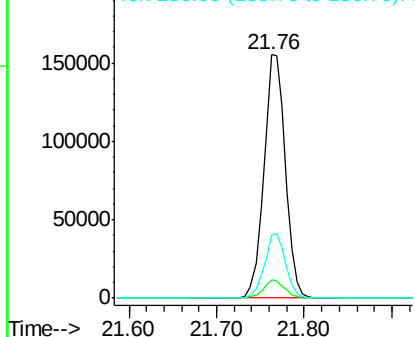


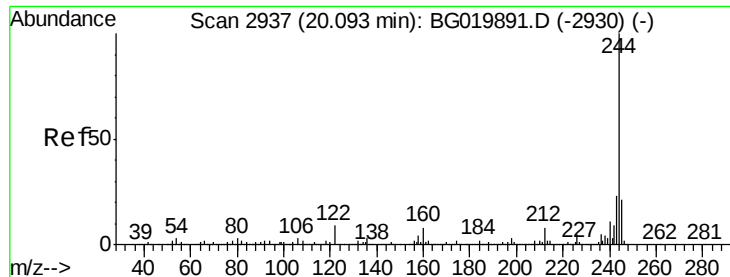
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.03 min
Lab File: BG019902.D
Acq: 4 Dec 2015 11:32

Tgt Ion:240 Resp: 262173
Ion Ratio Lower Upper
240 100
120 7.5 7.4 11.0
236 25.8 20.7 31.1



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: 96.12 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BG019902.D

Acq: 4 Dec 2015 11:32

Instrument :

BNA_G

ClientSampled :

TEC-17

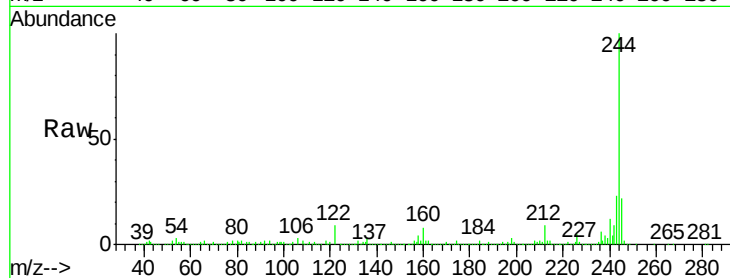
Tot Ion:244 Resp: 1033152

Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

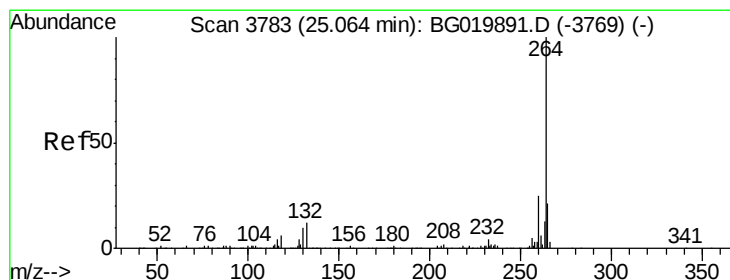
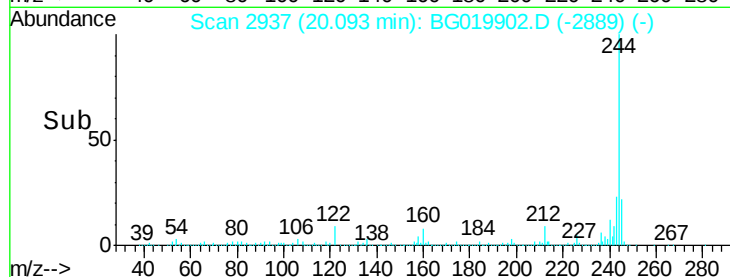
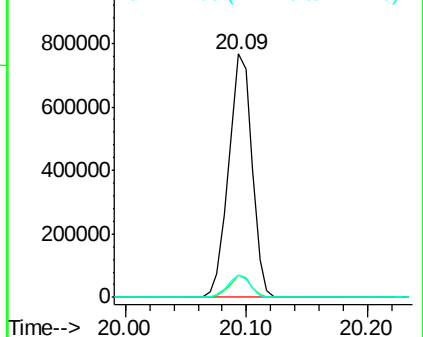
122 9.0 10.2 15.2#



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: 25.05 min Scan# 3781

Delta R.T. -0.04 min

Lab File: BG019902.D

Acq: 4 Dec 2015 11:32

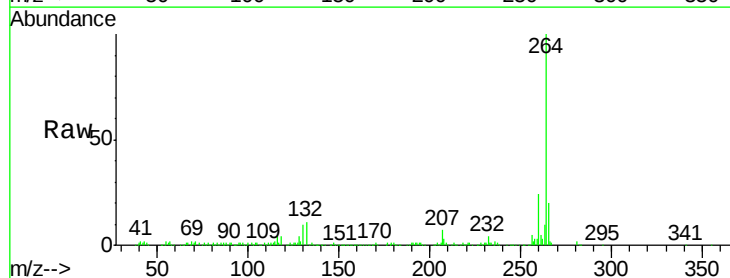
Tgt Ion:264 Resp: 251487

Ion Ratio Lower Upper

264 100

260 24.3 18.5 27.7

265 20.4 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

