

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015924.D
 Acq On : 26 Jan 2015 22:38
 Operator : TP/IZ
 Sample : G1167-02
 Misc : S
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMP

Quant Time: Jan 27 02:32:56 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 20 17:47:40 2015
 Response via : Initial Calibration

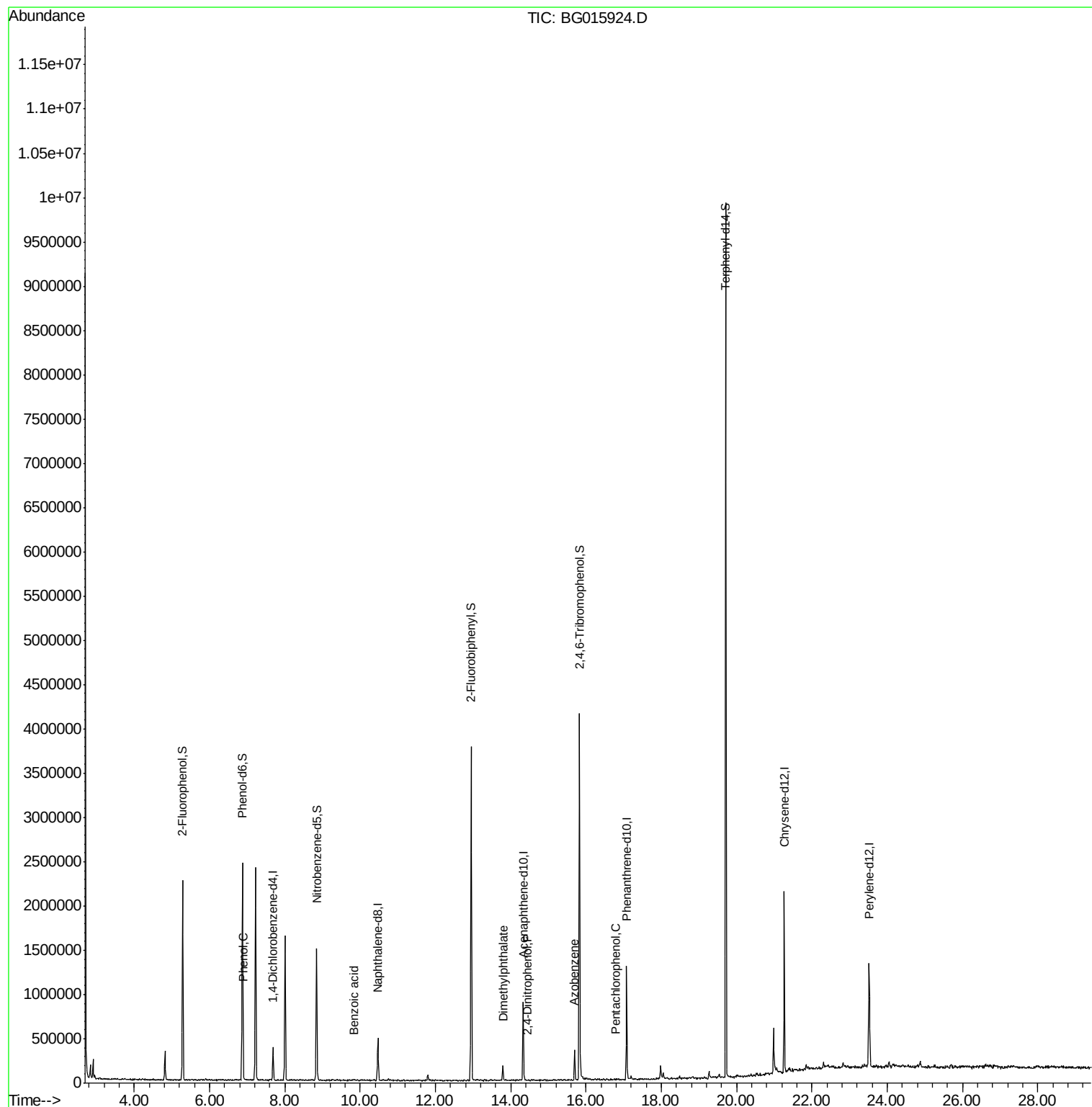
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	71786	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	287330	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	245688	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	711404	20.00	ng	0.00
75) Chrysene-d12	21.26	240	964432	20.00	ng	0.00
86) Perylene-d12	23.52	264	949308	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	718918	149.14	ng	0.00
7) Phenol-d6	6.87	99	1158352	149.11	ng	0.00
23) Nitrobenzene-d5	8.84	82	911949	91.49	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	667087	148.32	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1594991	101.86	ng	0.00
78) Terphenyl-d14	19.71	244	3260832	104.86	ng	0.00
Target Compounds						
10) Phenol	6.89	94	36548	4.13	ng	75
32) Benzoic acid	9.83	122	219	10.43	ng	# 1
49) Dimethylphthalate	13.79	163	84958	4.81	ng	98
53) 2,4-Dinitrophenol	14.45	184	169	4.58	ng	# 10
62) Azobenzene	15.70	77	110656	3.79	ng	# 25
69) Pentachlorophenol	16.78	266	113	5.25	ng	88
80) Benzo(a)anthracene	21.26	228	6077	Below Cal	#	62

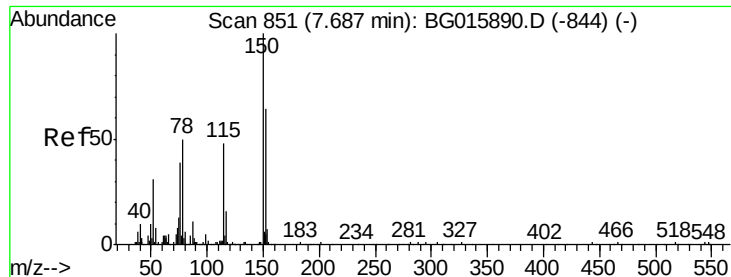
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015924.D
Acq On : 26 Jan 2015 22:38
Operator : TP/IZ
Sample : G1167-02
Misc : S
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Quant Time: Jan 27 02:32:56 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 20 17:47:40 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG015924.D

Acq: 26 Jan 2015 22:38

Instrument :

BNA_G

ClientSampleId :

SB-02-COMP

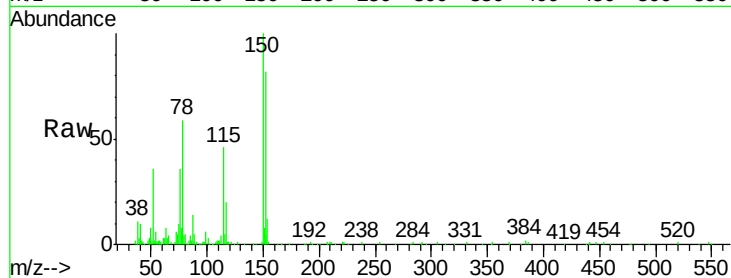
Tgt Ion:152 Resp: 71786

Ion Ratio Lower Upper

152 100

150 122.3 124.5 186.7#

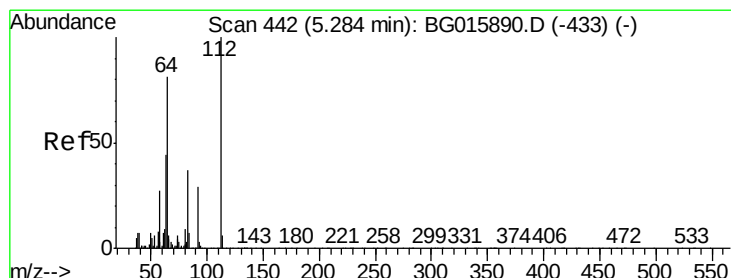
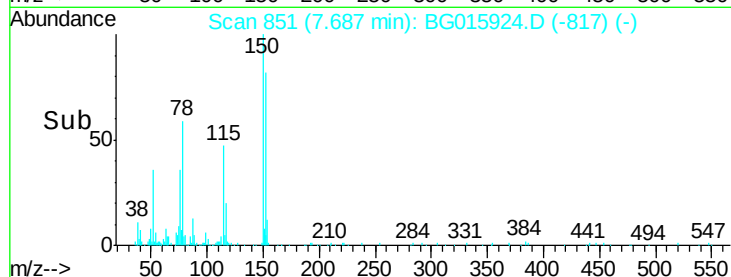
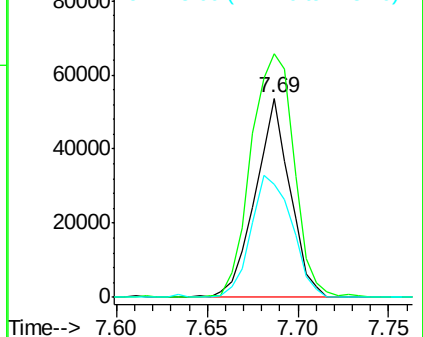
115 56.7 60.4 90.6#



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: 149.14 ng

RT: 5.28 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG015924.D

Acq: 26 Jan 2015 22:38

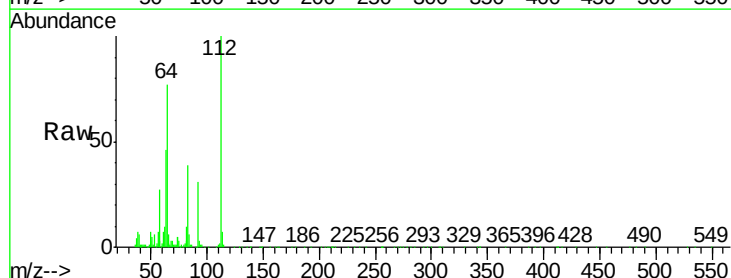
Tgt Ion:112 Resp: 718918

Ion Ratio Lower Upper

112 100

64 77.4 64.4 96.6

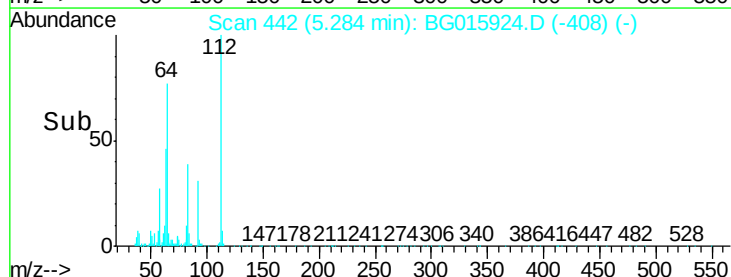
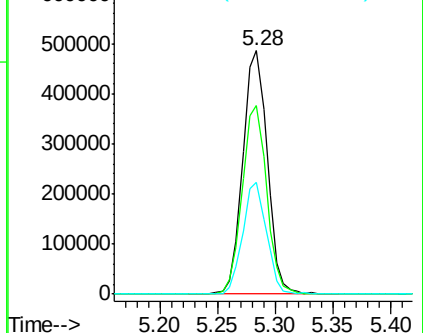
63 45.8 35.1 52.7

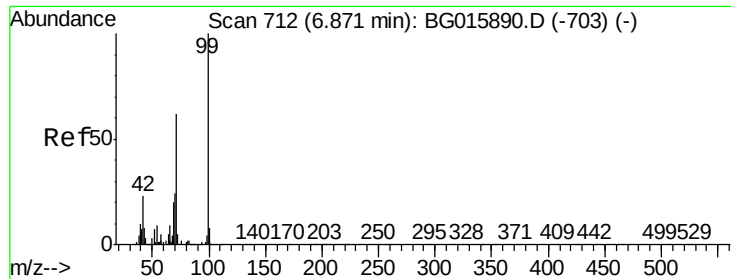


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 149.11 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG015924.D

Acq: 26 Jan 2015 22:38

Instrument :

BNA_G

ClientSampleId :

SB-02-COMP

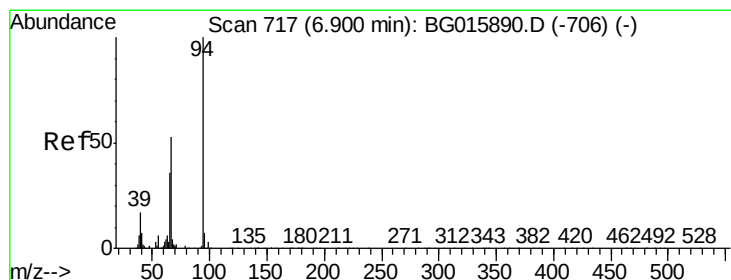
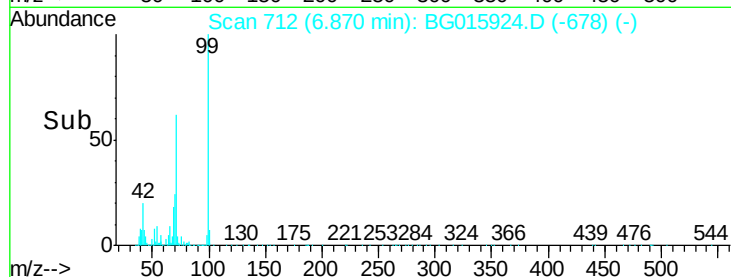
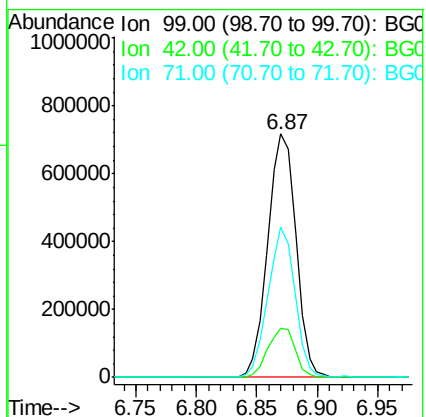
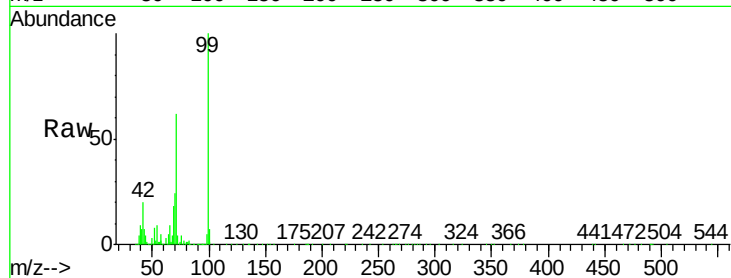
Tgt Ion: 99 Resp: 1158352

Ion Ratio Lower Upper

99 100

42 20.3 18.1 27.1

71 61.7 49.8 74.8



#10

Phenol

Concen: 4.13 ng

RT: 6.89 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG015924.D

Acq: 26 Jan 2015 22:38

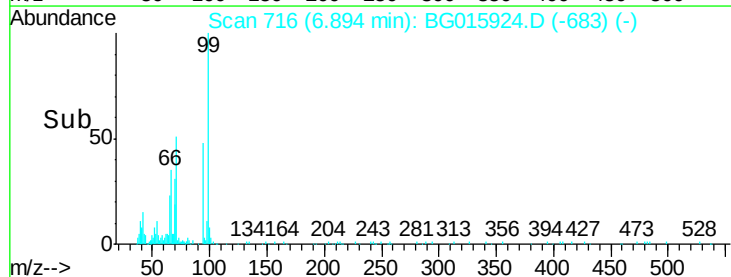
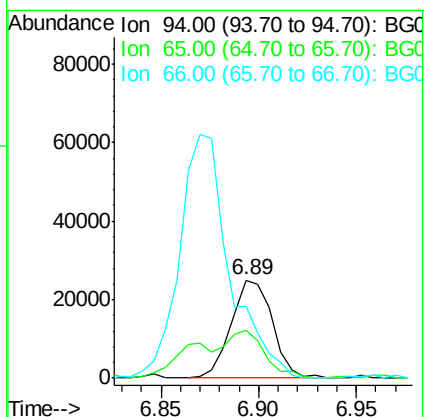
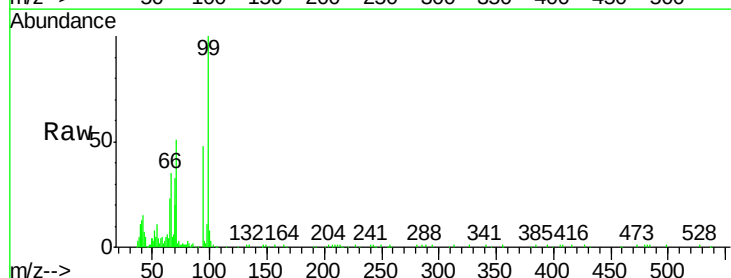
Tgt Ion: 94 Resp: 36548

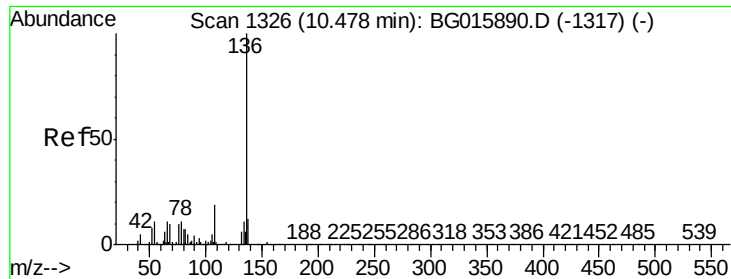
Ion Ratio Lower Upper

94 100

65 48.3 16.5 56.5

66 73.3 33.3 73.3

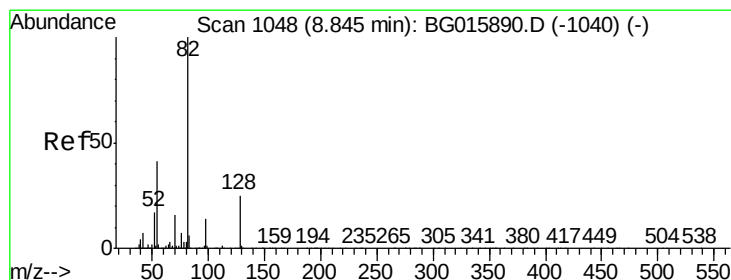
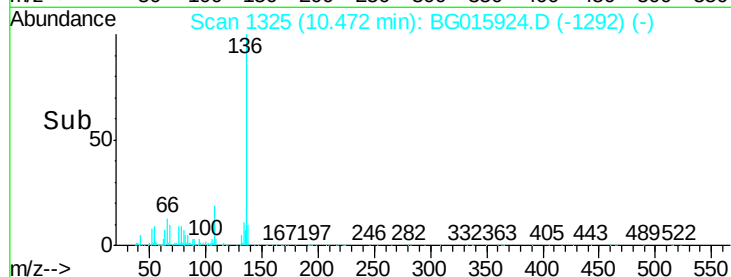
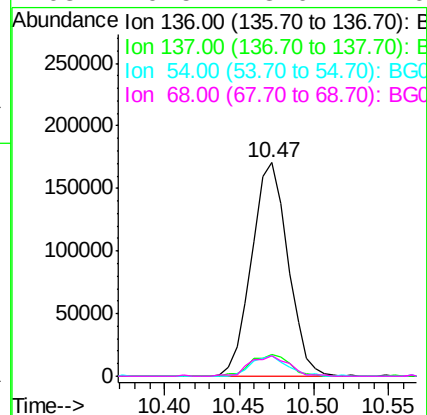
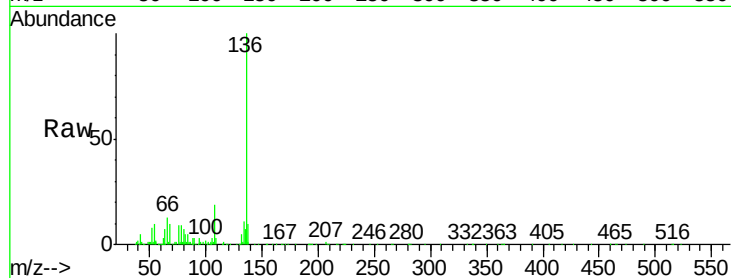




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG015924.D
Acq: 26 Jan 2015 22:38

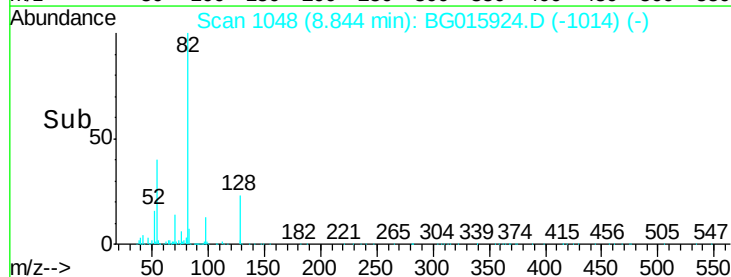
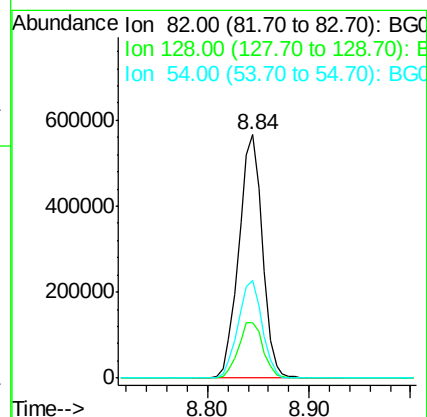
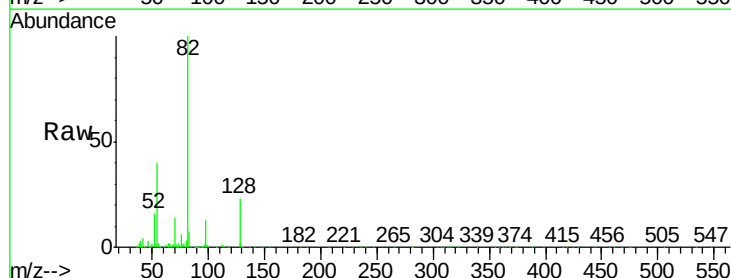
Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

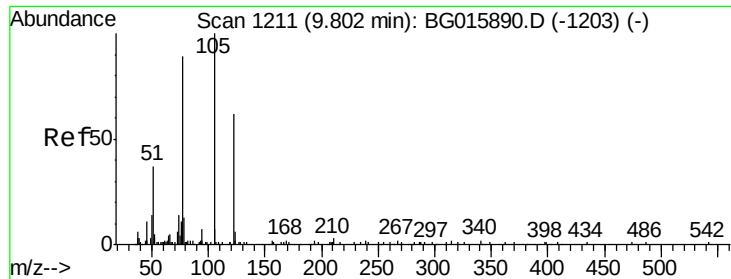
Tgt Ion:	136	Resp:	287330
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.7	14.5
54	9.5	8.5	12.7
68	9.5	8.0	12.0



#23
Nitrobenzene-d5
Concen: 91.49 ng
RT: 8.84 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG015924.D
Acq: 26 Jan 2015 22:38

Tgt Ion:	82	Resp:	911949
Ion	Ratio	Lower	Upper
82	100		
128	23.0	19.8	29.8
54	40.2	33.0	49.4

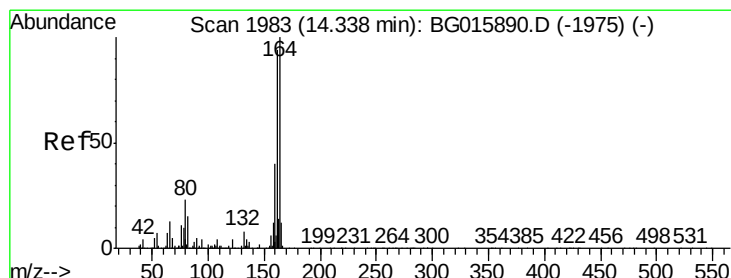
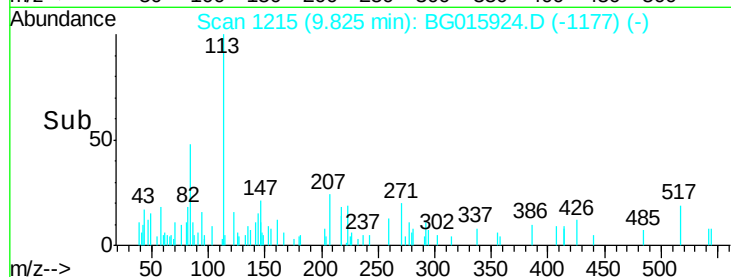
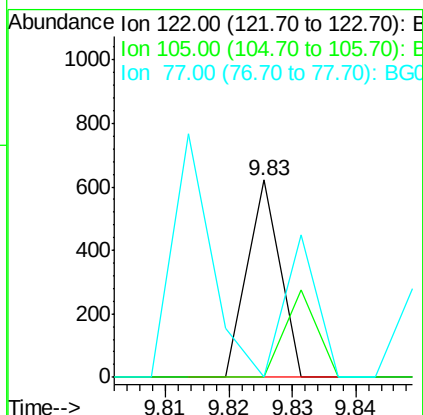
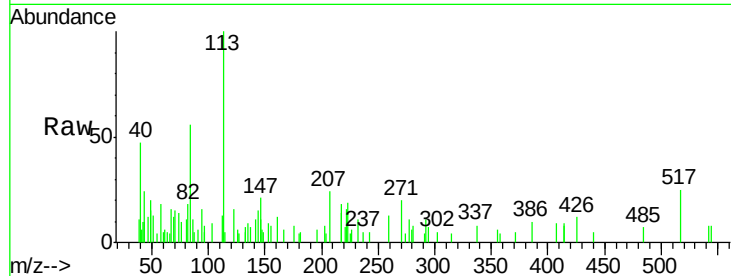




#32
Benzoic acid
Concen: 10.43 ng
RT: 9.83 min Scan# 1215
Delta R.T. 0.02 min
Lab File: BG015924.D
Acq: 26 Jan 2015 22:38

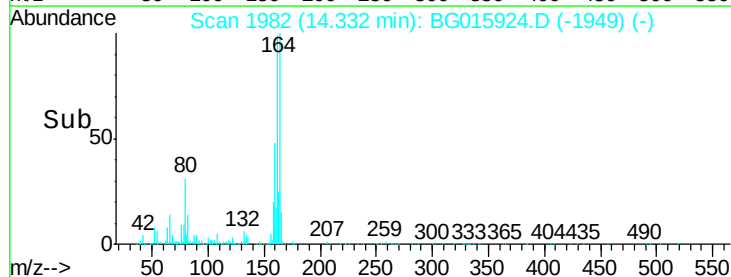
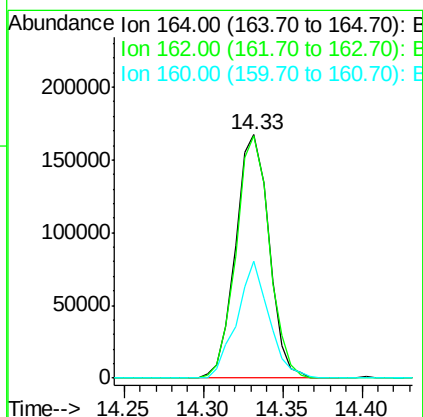
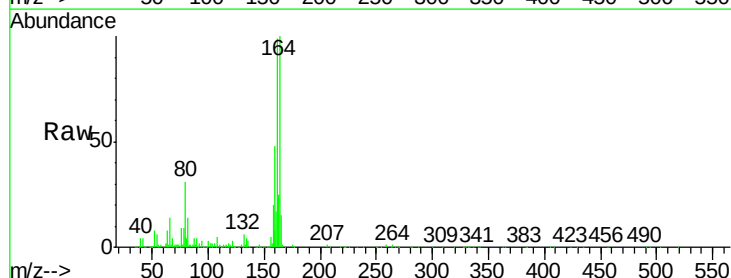
Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

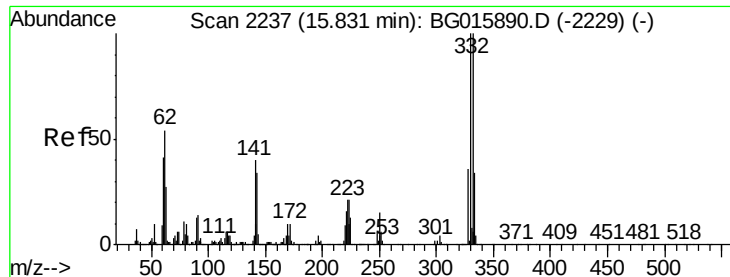
Tgt Ion:122 Resp: 219
Ion Ratio Lower Upper
122 100
105 0.0 140.2 180.2#
77 0.0 126.4 166.4#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG015924.D
Acq: 26 Jan 2015 22:38

Tgt Ion:164 Resp: 245688
Ion Ratio Lower Upper
164 100
162 99.3 75.1 112.7
160 48.1 32.3 48.5

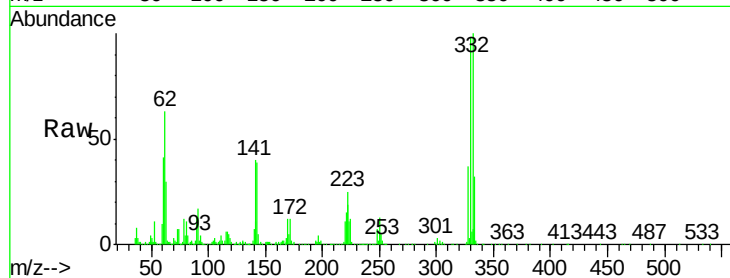




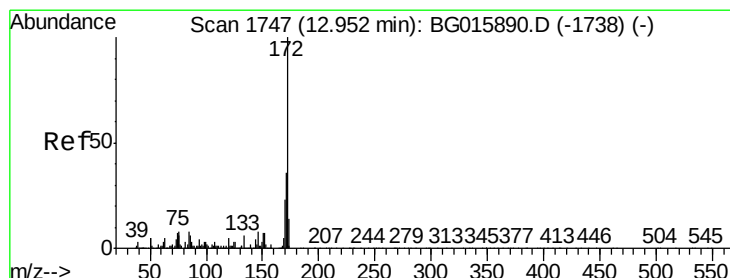
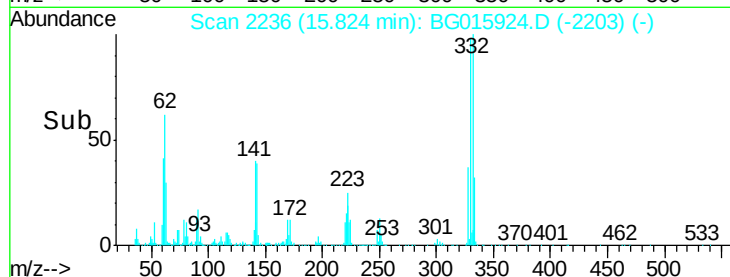
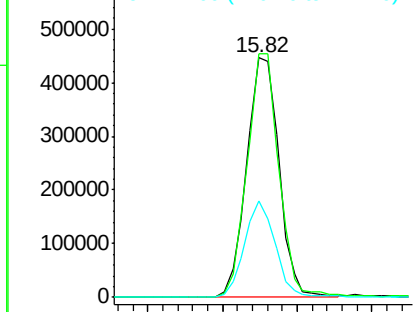
#41
 2,4,6-Tribromophenol
 Concen: 148.32 ng
 RT: 15.82 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BG015924.D
 Acq: 26 Jan 2015 22:38

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMP

Tgt Ion:330 Resp: 667087
 Ion Ratio Lower Upper
 330 100
 332 100.3 75.4 113.0
 141 38.9 33.0 49.6

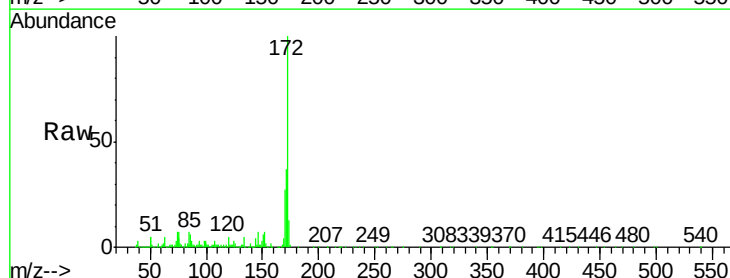


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

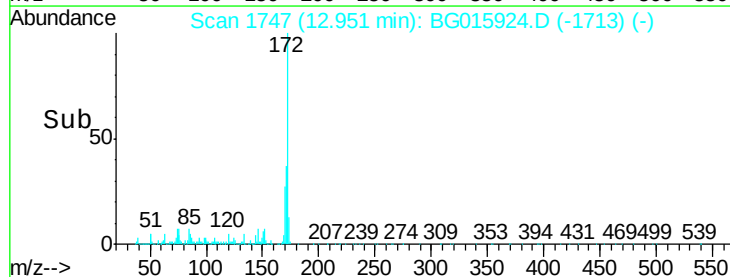
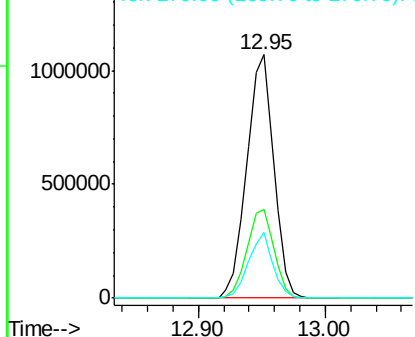


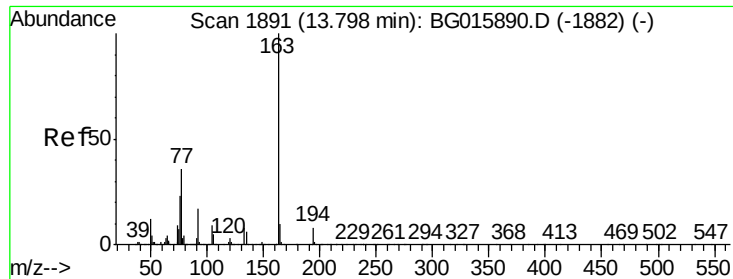
#44
 2-Fluorobiphenyl
 Concen: 101.86 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG015924.D
 Acq: 26 Jan 2015 22:38

Tgt Ion:172 Resp: 1594991
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.2 43.8
 170 26.7 18.6 27.8



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

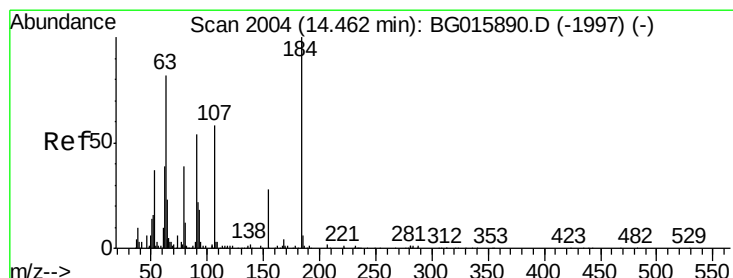
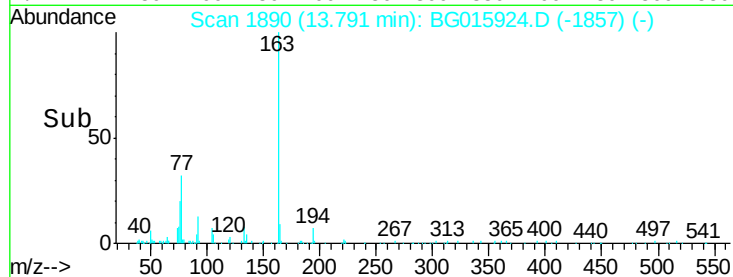
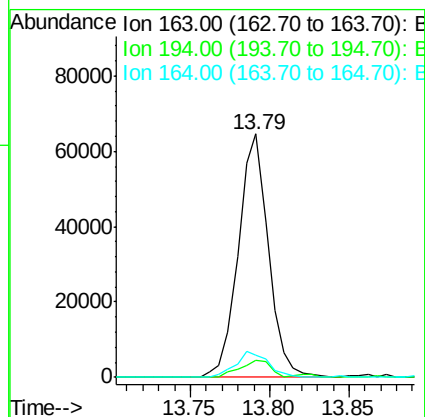
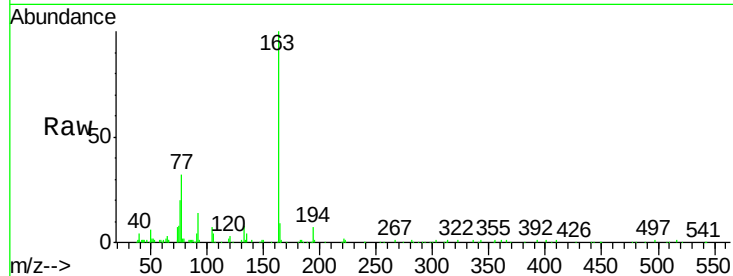




#49
Dimethylphthalate
Concen: 4.81 ng
RT: 13.79 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG015924.D
Acq: 26 Jan 2015 22:38

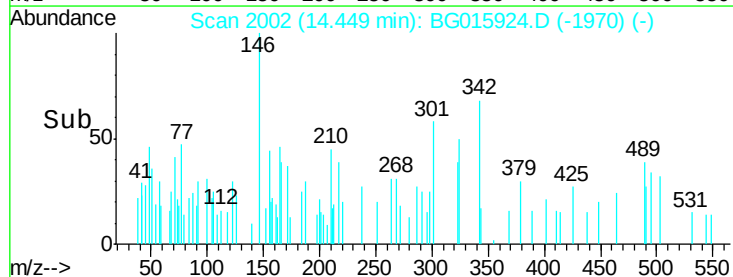
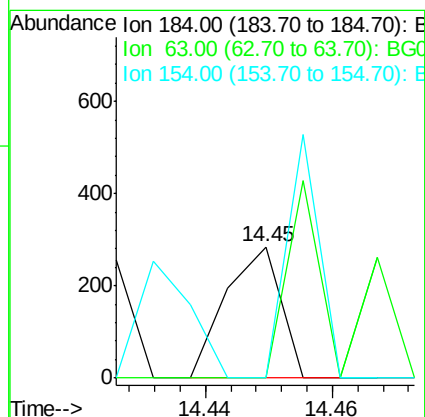
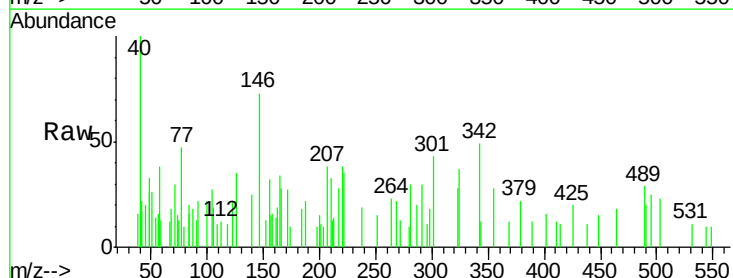
Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

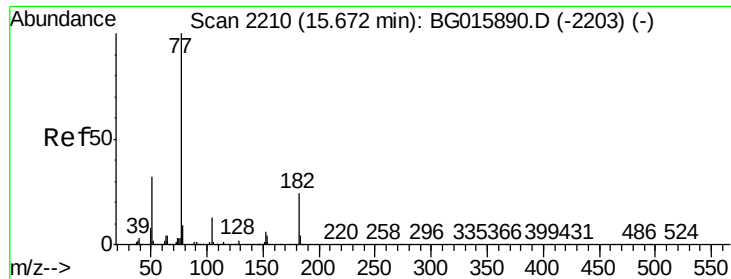
Tgt Ion:163 Resp: 84958
Ion Ratio Lower Upper
163 100
194 7.0 6.2 9.4
164 9.2 8.0 12.0



#53
2,4-Dinitrophenol
Concen: 4.58 ng
RT: 14.45 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG015924.D
Acq: 26 Jan 2015 22:38

Tgt Ion:184 Resp: 169
Ion Ratio Lower Upper
184 100
63 0.0 68.6 103.0#
154 0.0 54.9 82.3#

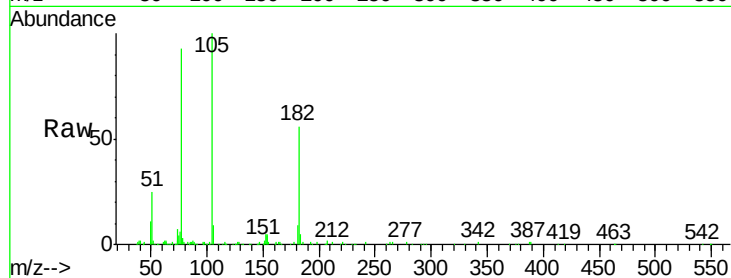




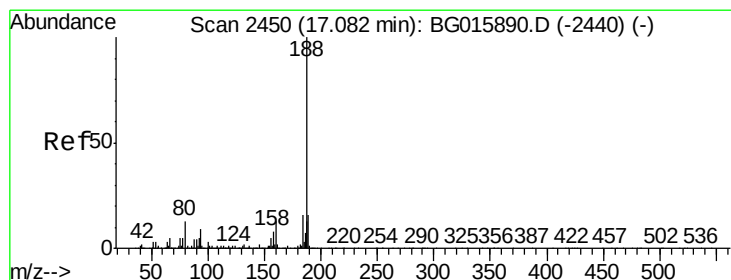
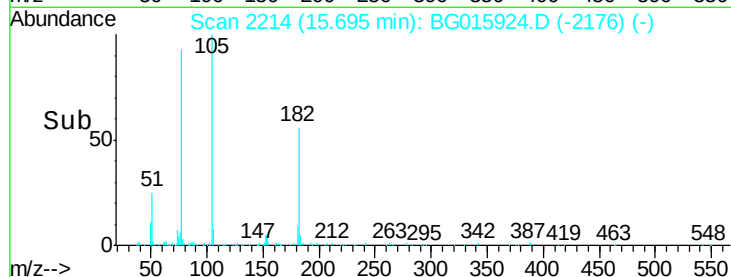
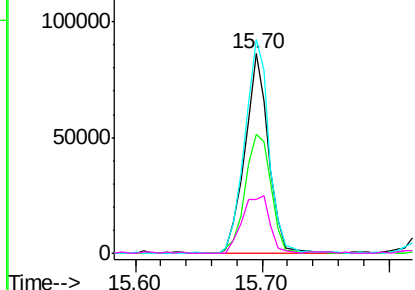
#62
Azobenzene
Concen: 3.79 ng
RT: 15.70 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BG015924.D
Acq: 26 Jan 2015 22:38

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion	Ratio	Lower	Upper
77	100		
182	60.0	3.6	43.6#
105	107.2	0.0	32.9#
51	27.1	11.8	51.8

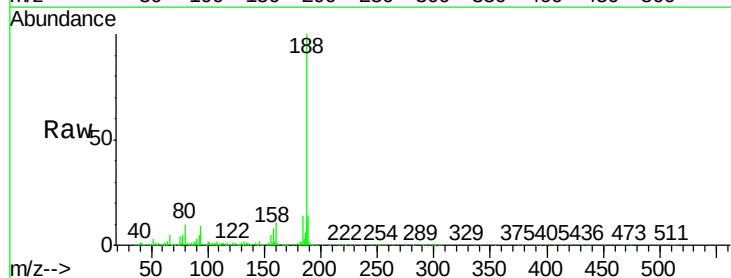


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

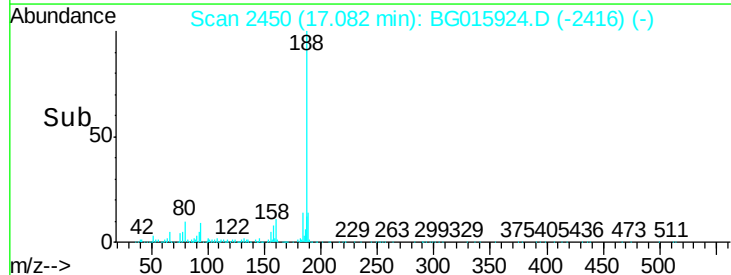
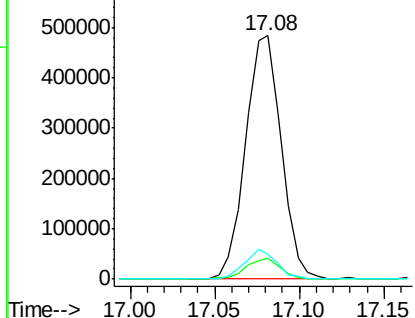


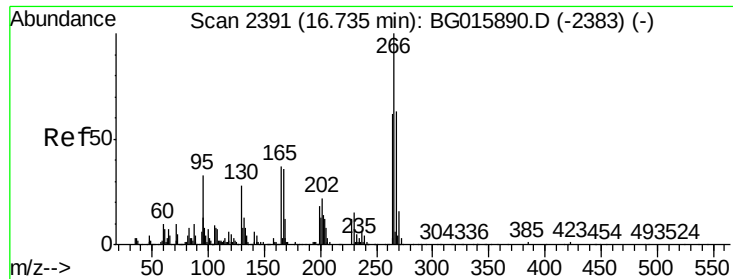
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG015924.D
Acq: 26 Jan 2015 22:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.8	11.8
80	10.3	10.6	16.0#



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





#69

Pentachlorophenol

Concen: 5.25 ng

RT: 16.78 min Scan# 2399

Delta R.T. 0.05 min

Lab File: BG015924.D

Acq: 26 Jan 2015 22:38

Instrument :

BNA_G

ClientSampleId :

SB-02-COMP

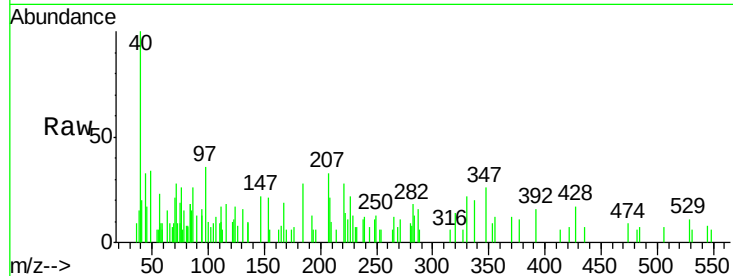
Tgt Ion:266 Resp: 113

Ion Ratio Lower Upper

266 100

268 57.8 53.5 80.3

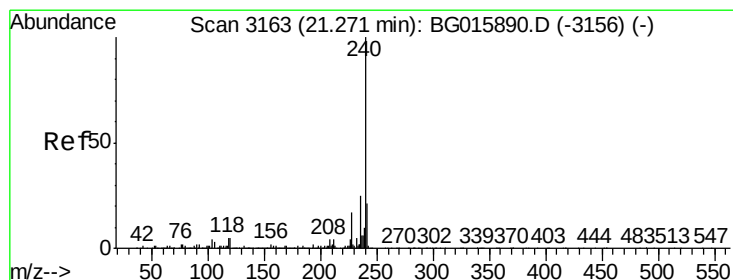
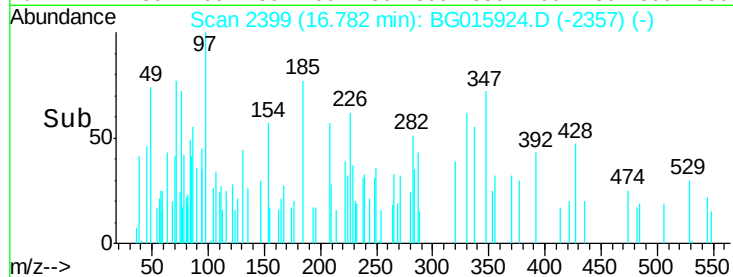
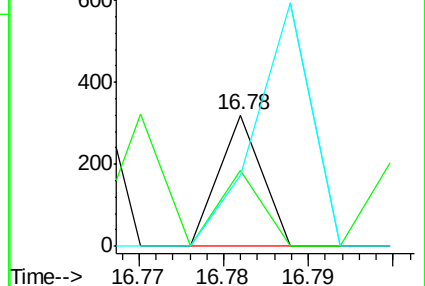
264 54.4 51.9 77.9



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG015924.D

Acq: 26 Jan 2015 22:38

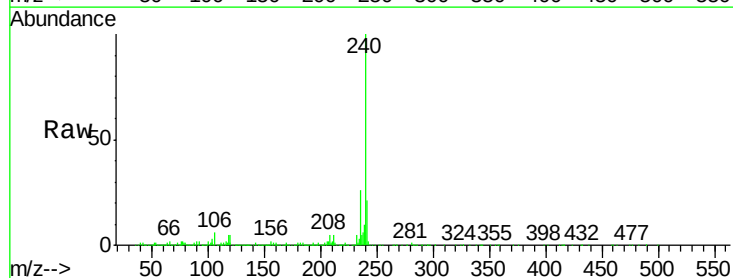
Tgt Ion:240 Resp: 964432

Ion Ratio Lower Upper

240 100

120 5.0 3.9 5.9

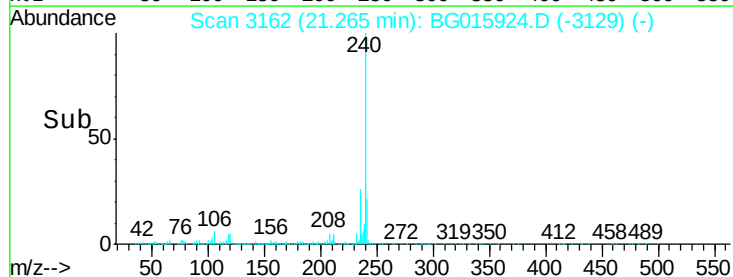
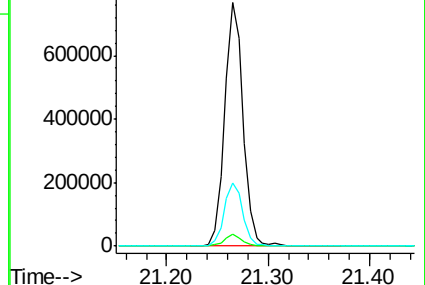
236 26.0 20.0 30.0

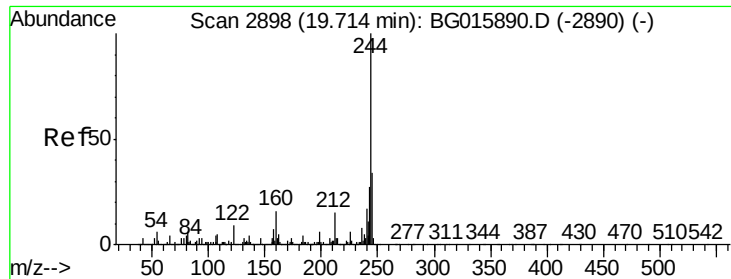


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 104.86 ng

RT: 19.71 min Scan# 2898

Delta R.T. -0.00 min

Lab File: BG015924.D

Acq: 26 Jan 2015 22:38

Instrument :

BNA_G

ClientSampleId :

SB-02-COMP

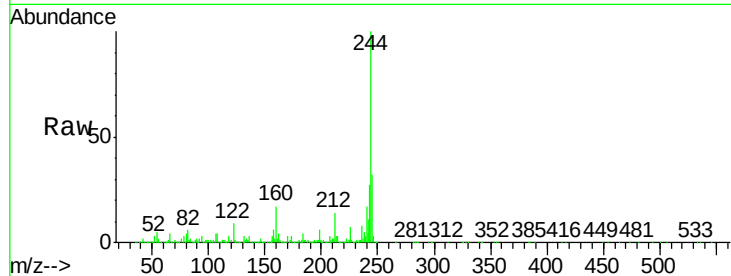
Tgt Ion:244 Resp: 3260832

Ion Ratio Lower Upper

244 100

212 14.5 11.6 17.4

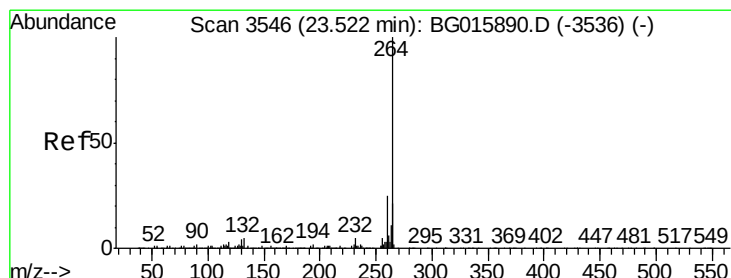
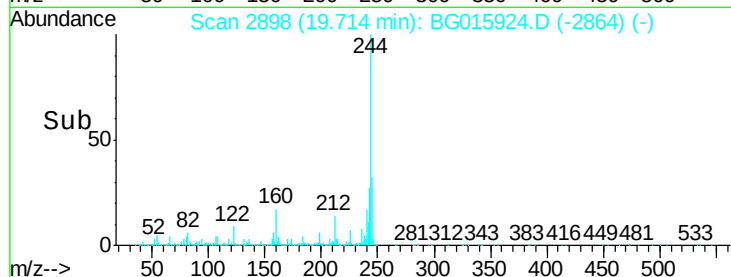
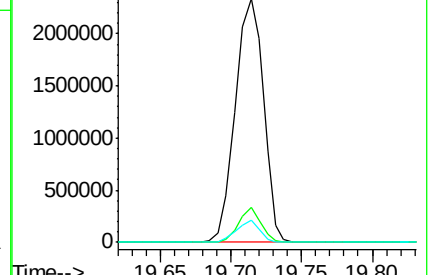
122 8.9 7.0 10.4



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# 3546

Delta R.T. -0.00 min

Lab File: BG015924.D

Acq: 26 Jan 2015 22:38

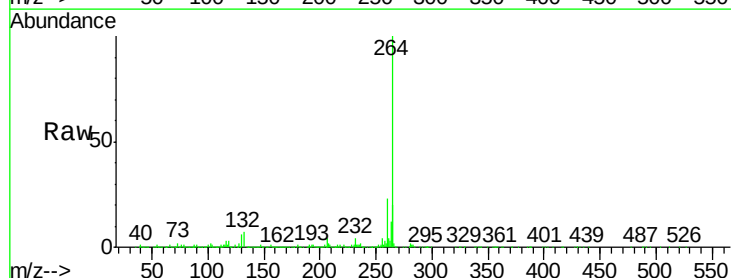
Tgt Ion:264 Resp: 949308

Ion Ratio Lower Upper

264 100

260 23.0 19.7 29.5

265 19.8 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

