

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015927.D
 Acq On : 27 Jan 2015 00:21
 Operator : TP/IZ
 Sample : G1167-08
 Misc : S
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-10-COMP

Quant Time: Jan 27 02:33:51 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

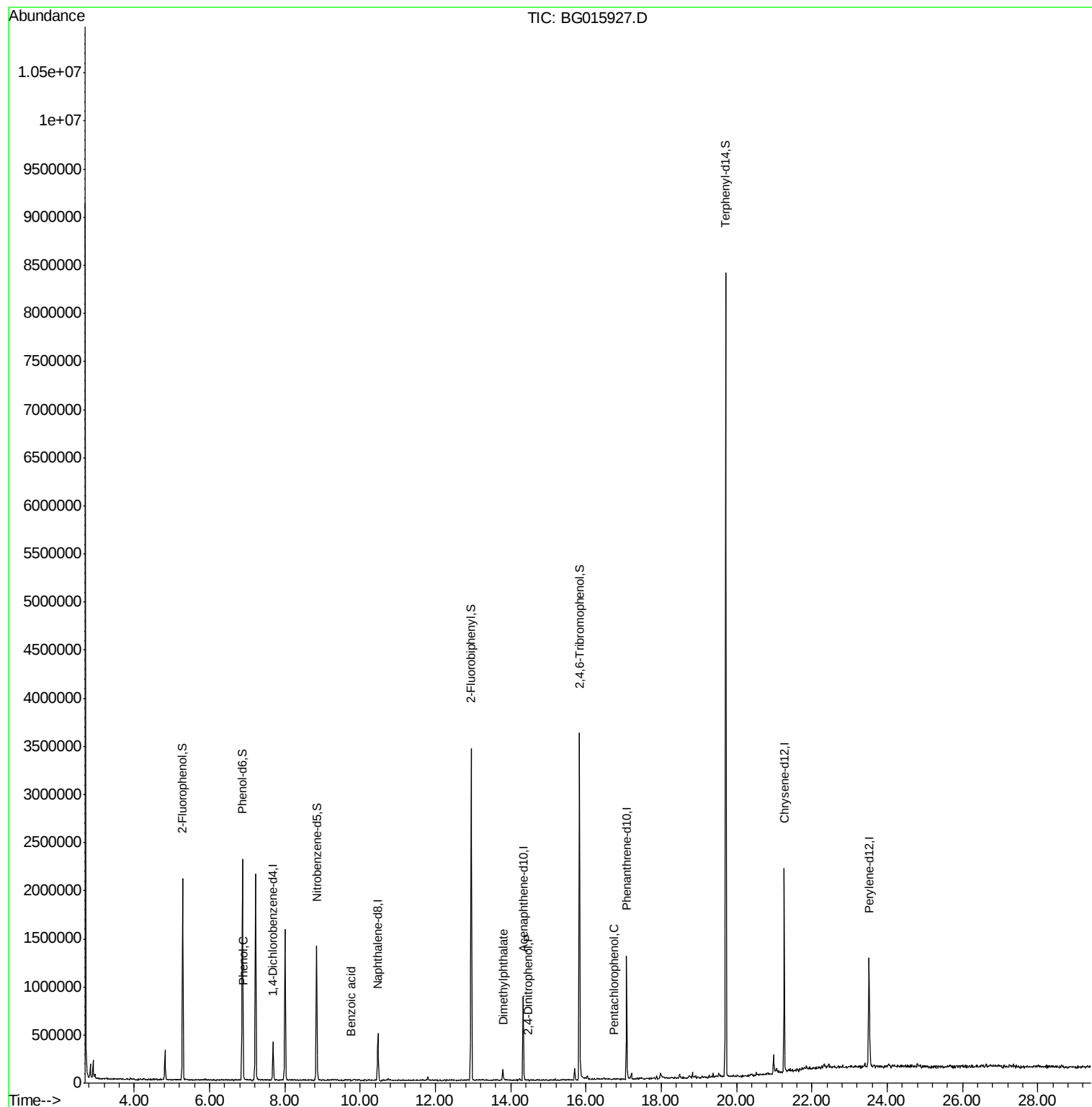
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	75472	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	280644	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	246886	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	671851	20.00	ng	0.00
75) Chrysene-d12	21.26	240	964417	20.00	ng	0.00
86) Perylene-d12	23.52	264	899317	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	657019	129.64	ng	0.00
7) Phenol-d6	6.87	99	1075172	131.65	ng	0.00
23) Nitrobenzene-d5	8.84	82	864865	88.83	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	573444	126.88	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1511478	96.06	ng	0.00
78) Terphenyl-d14	19.71	244	3082930	94.88	ng	0.00
Target Compounds						
10) Phenol	6.89	94	33902	3.64	ng	Qvalue 93
32) Benzoic acid	9.75	122	208	10.42	ng	# 1
49) Dimethylphthalate	13.79	163	62465	3.52	ng	# 92
53) 2,4-Dinitrophenol	14.46	184	172	4.58	ng	# 10
69) Pentachlorophenol	16.73	266	168	5.26	ng	# 17
80) Benzo(a)anthracene	21.26	228	6032	Below Cal		# 75

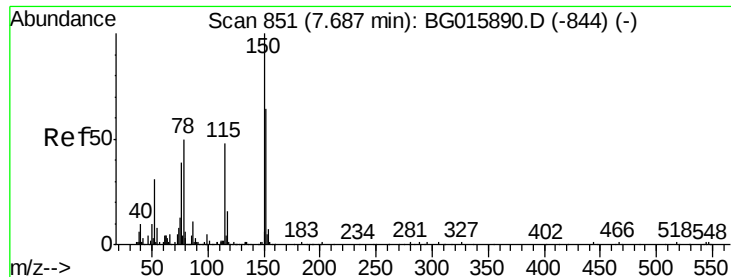
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG015927.D

Acq: 27 Jan 2015 00:21

Instrument :

BNA_G

ClientSampleId :

SB-10-COMP

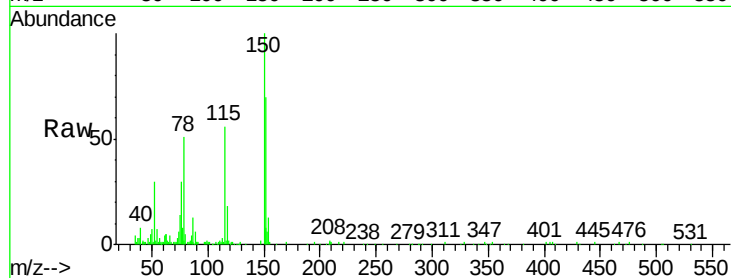
Tgt Ion:152 Resp: 75472

Ion Ratio Lower Upper

152 100

150 142.1 124.5 186.7

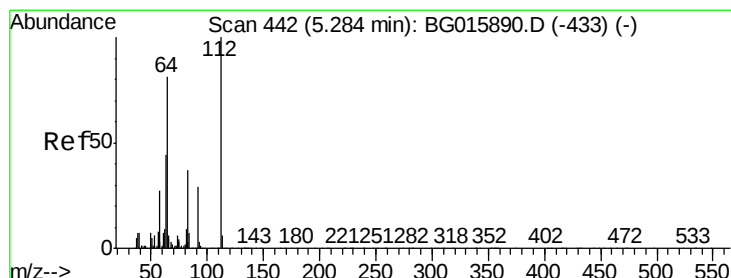
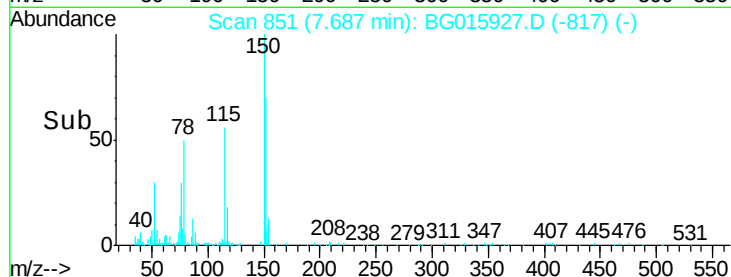
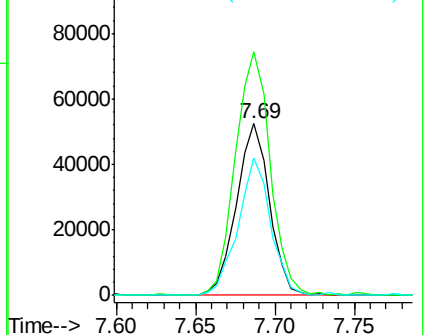
115 80.1 60.4 90.6



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: 129.64 ng

RT: 5.28 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG015927.D

Acq: 27 Jan 2015 00:21

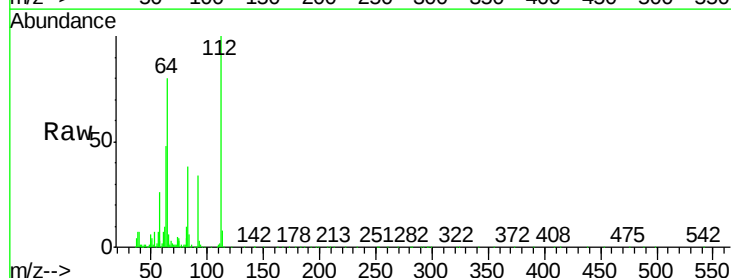
Tgt Ion:112 Resp: 657019

Ion Ratio Lower Upper

112 100

64 80.2 64.4 96.6

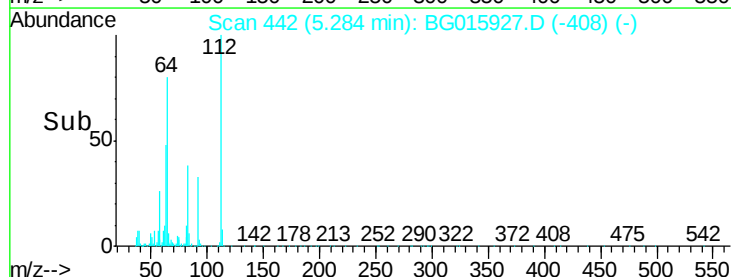
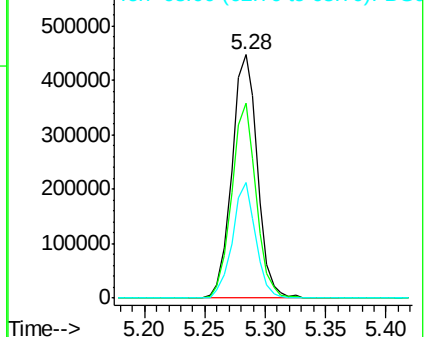
63 47.6 35.1 52.7

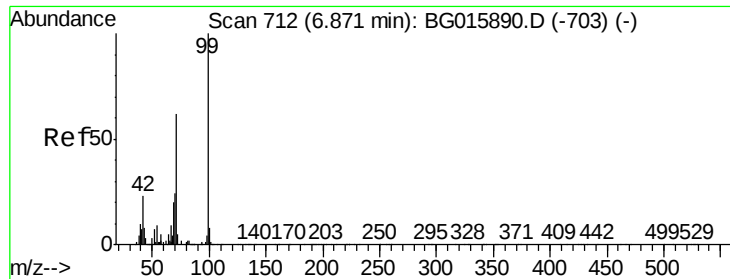


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 131.65 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG015927.D

Acq: 27 Jan 2015 00:21

Instrument :

BNA_G

ClientSampleId :

SB-10-COMP

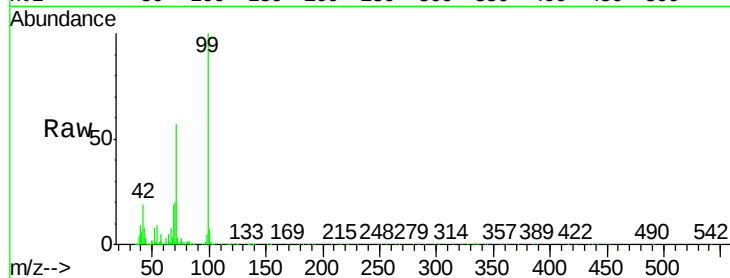
Tgt Ion: 99 Resp: 1075172

Ion Ratio Lower Upper

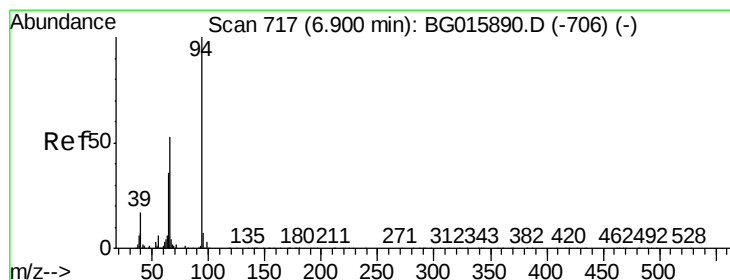
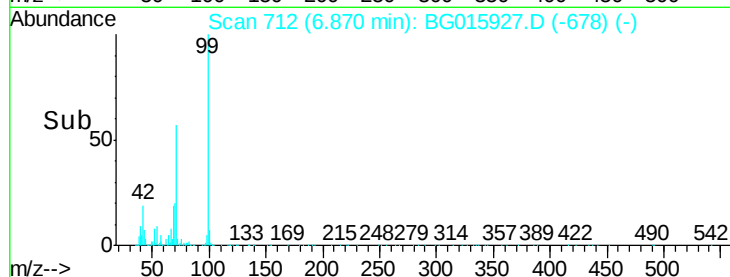
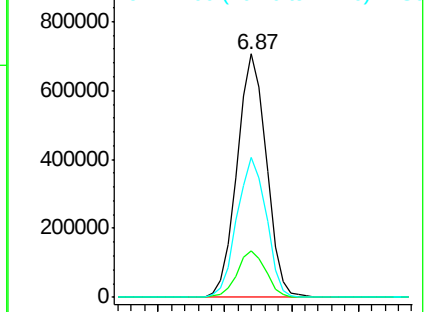
99 100

42 19.3 18.1 27.1

71 57.4 49.8 74.8



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: 3.64 ng

RT: 6.89 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG015927.D

Acq: 27 Jan 2015 00:21

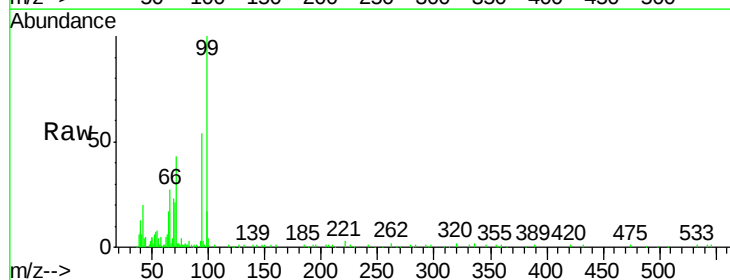
Tgt Ion: 94 Resp: 33902

Ion Ratio Lower Upper

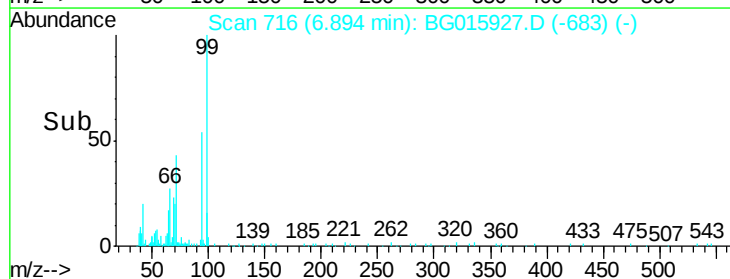
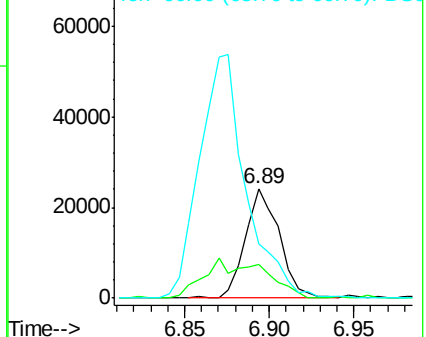
94 100

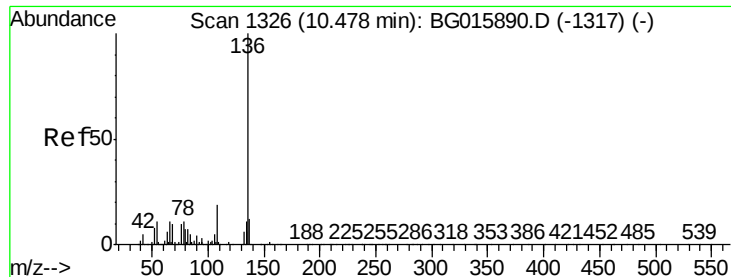
65 31.2 16.5 56.5

66 49.3 33.3 73.3



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

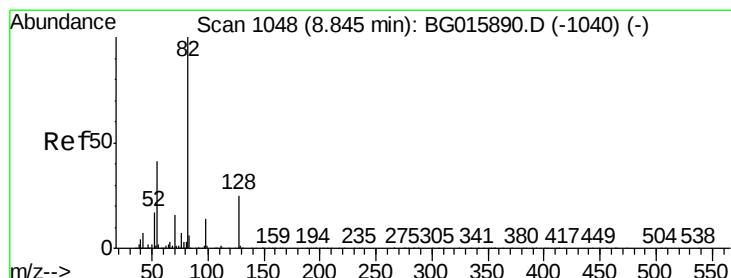
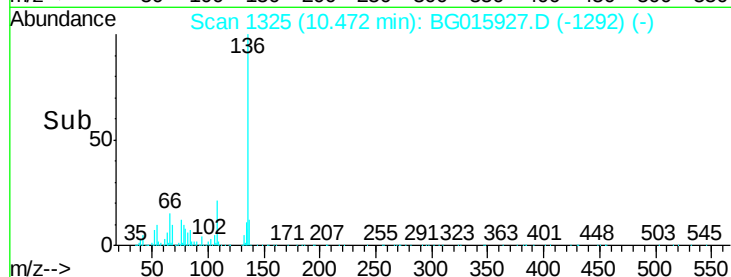
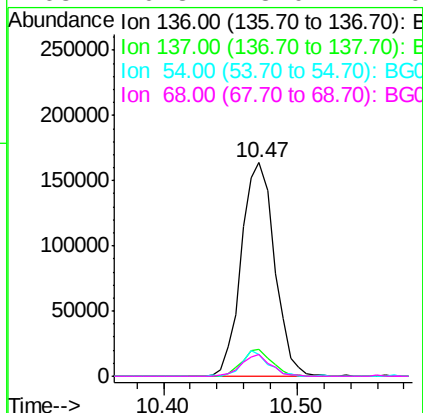
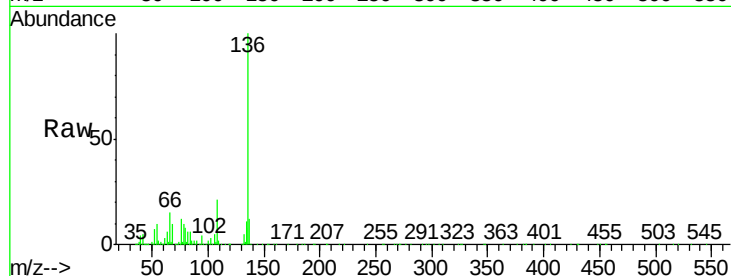




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG015927.D
Acq: 27 Jan 2015 00:21

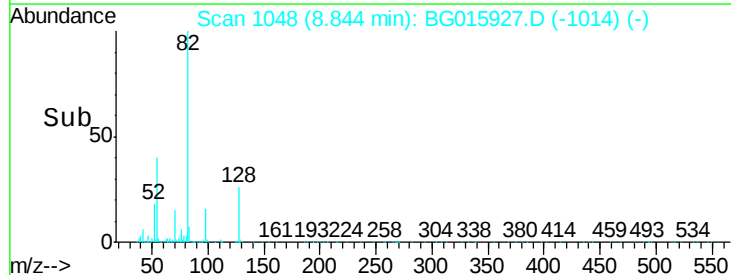
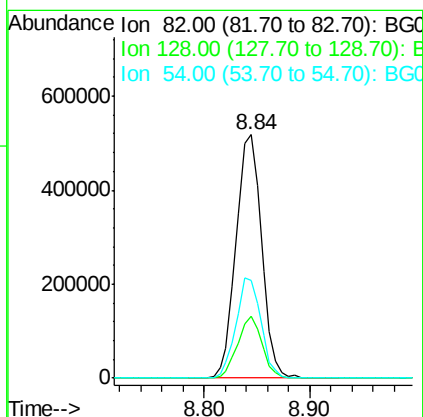
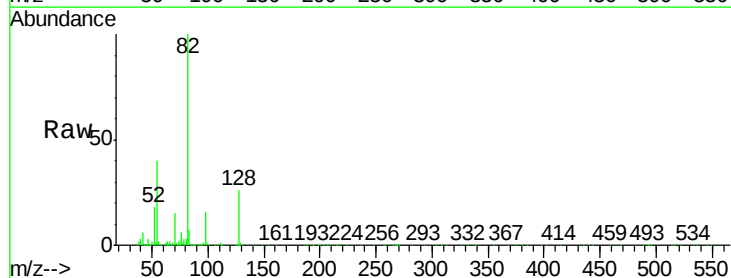
Instrument :
BNA_G
ClientSampleId :
SB-10-COMP

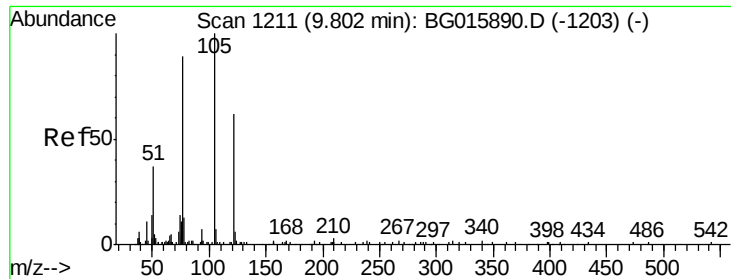
Tgt Ion:	136	Resp:	280644
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.7	14.5
54	10.2	8.5	12.7
68	10.3	8.0	12.0



#23
Nitrobenzene-d5
Concen: 88.83 ng
RT: 8.84 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG015927.D
Acq: 27 Jan 2015 00:21

Tgt Ion:	82	Resp:	864865
Ion	Ratio	Lower	Upper
82	100		
128	25.6	19.8	29.8
54	40.3	33.0	49.4





#32

Benzoic acid

Concen: 10.42 ng

RT: 9.75 min Scan# 1203

Delta R.T. -0.05 min

Lab File: BG015927.D

Acq: 27 Jan 2015 00:21

Instrument :

BNA_G

ClientSampleId :

SB-10-COMP

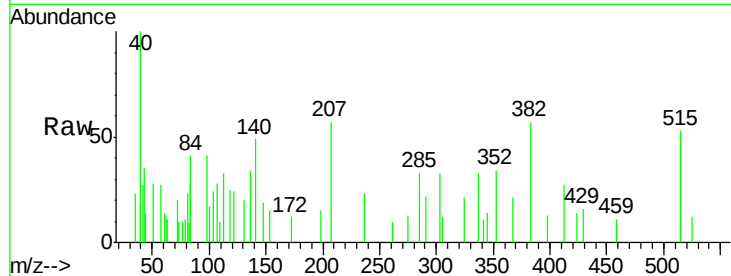
Tgt Ion:122 Resp: 208

Ion Ratio Lower Upper

122 100

105 0.0 140.2 180.2#

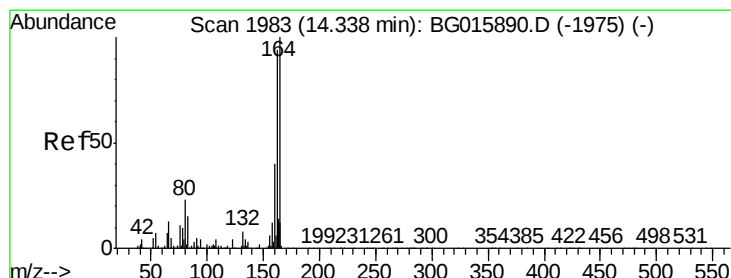
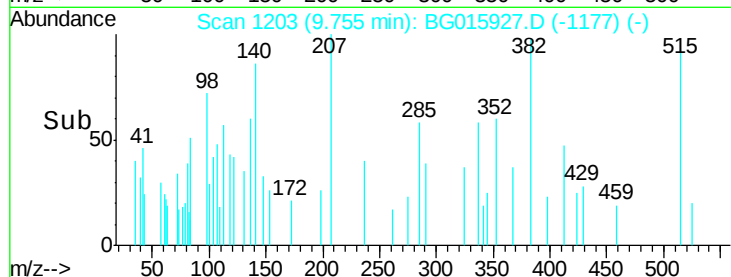
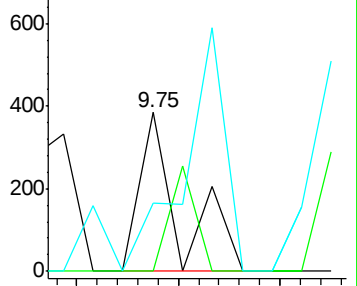
77 42.7 126.4 166.4#



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: 14.33 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG015927.D

Acq: 27 Jan 2015 00:21

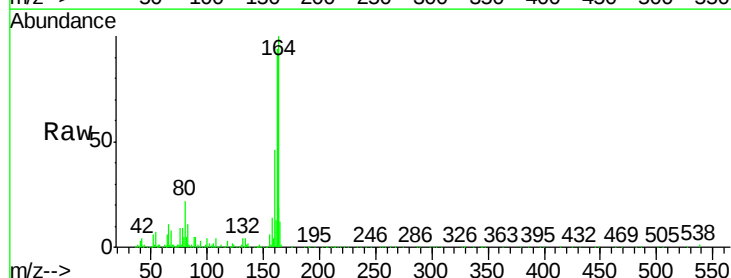
Tgt Ion:164 Resp: 246886

Ion Ratio Lower Upper

164 100

162 93.7 75.1 112.7

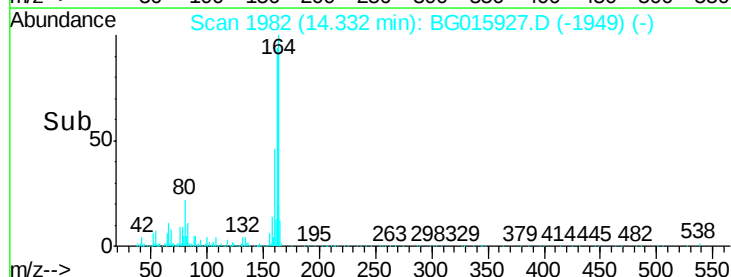
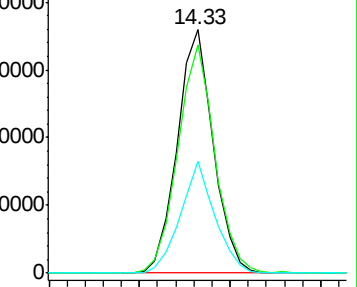
160 46.0 32.3 48.5

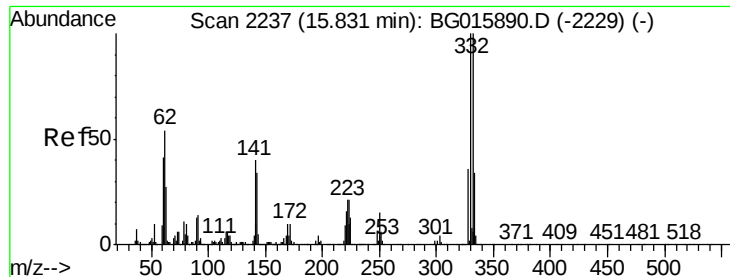


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

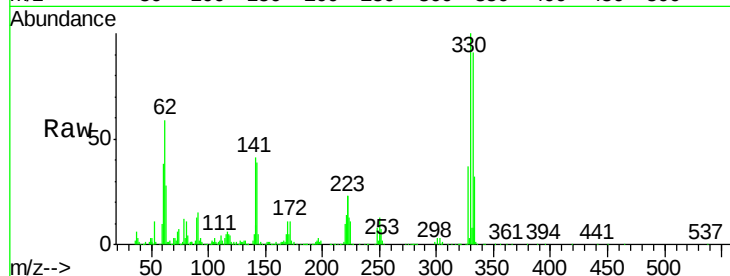




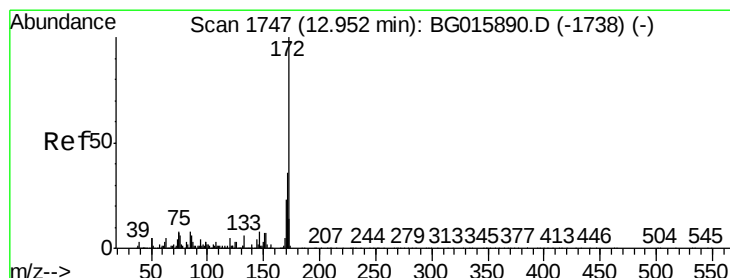
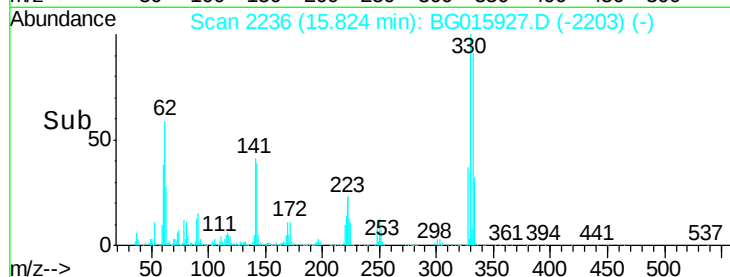
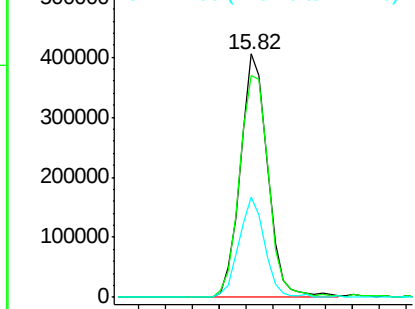
#41
2,4,6-Tribromophenol
Concen: 126.88 ng
RT: 15.82 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BG015927.D
Acq: 27 Jan 2015 00:21

Instrument :
BNA_G
ClientSampleId :
SB-10-COMP

Tgt Ion:330 Resp: 573444
Ion Ratio Lower Upper
330 100
332 96.8 75.4 113.0
141 39.1 33.0 49.6

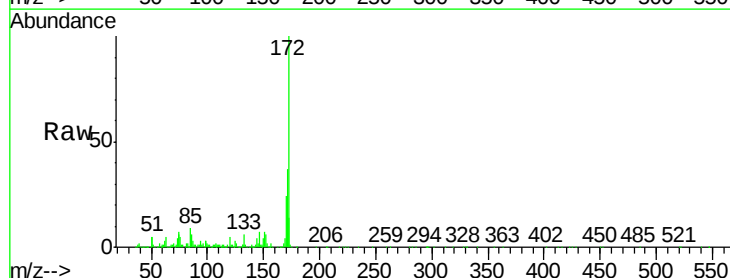


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

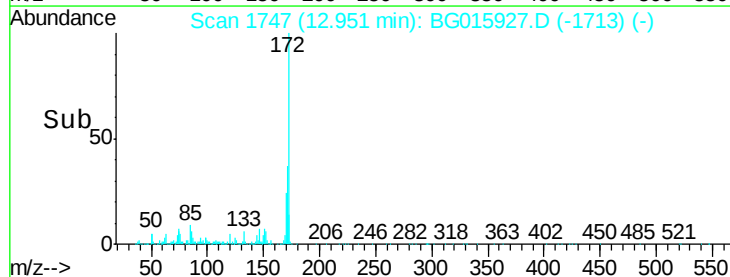
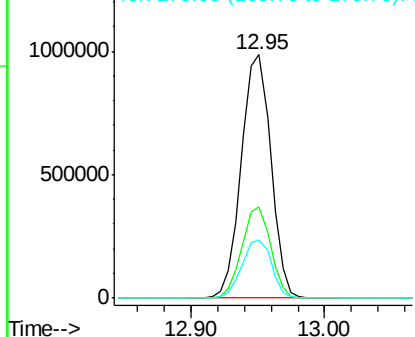


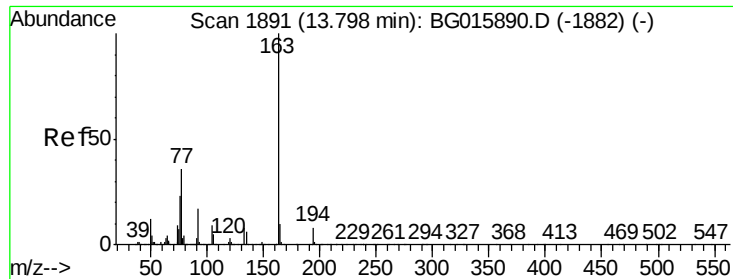
#44
2-Fluorobiphenyl
Concen: 96.06 ng
RT: 12.95 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG015927.D
Acq: 27 Jan 2015 00:21

Tgt Ion:172 Resp: 1511478
Ion Ratio Lower Upper
172 100
171 37.4 29.2 43.8
170 23.9 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: 3.52 ng

RT: 13.79 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG015927.D

Acq: 27 Jan 2015 00:21

Instrument :

BNA_G

ClientSampleId :

SB-10-COMP

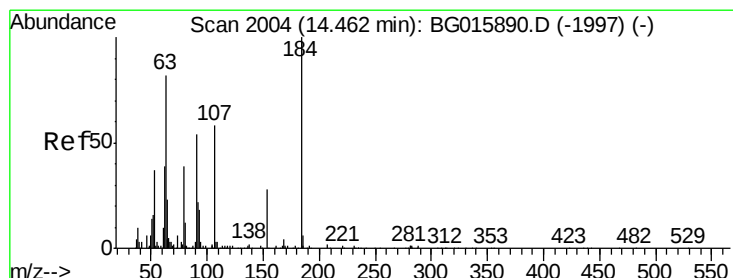
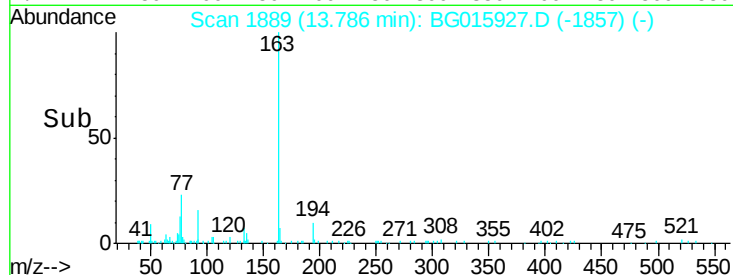
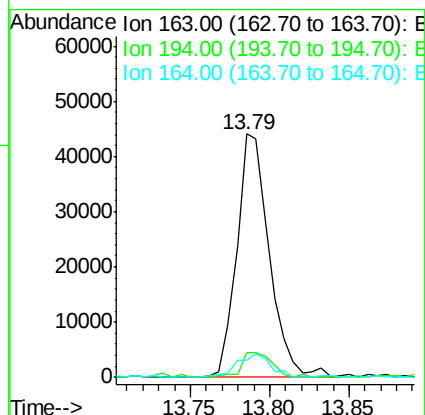
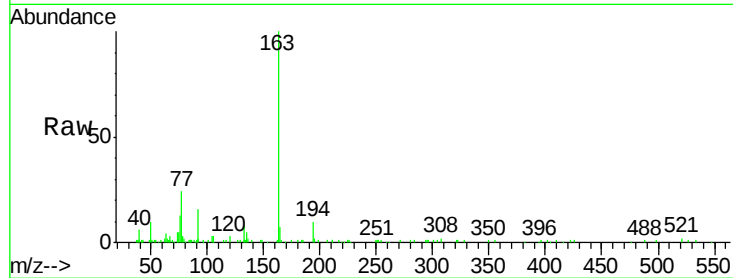
Tgt Ion:163 Resp: 62465

Ion Ratio Lower Upper

163 100

194 10.2 6.2 9.4#

164 6.9 8.0 12.0#



#53

2,4-Dinitrophenol

Concen: 4.58 ng

RT: 14.46 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BG015927.D

Acq: 27 Jan 2015 00:21

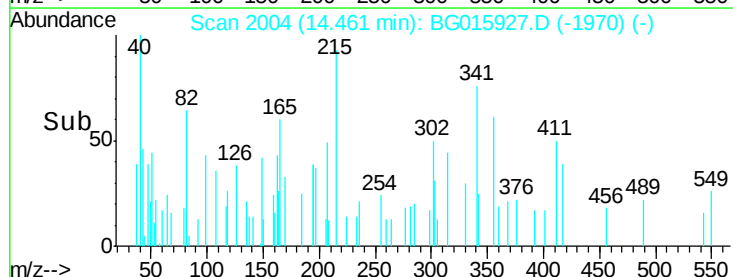
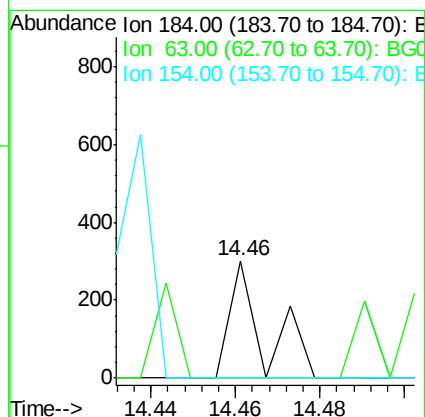
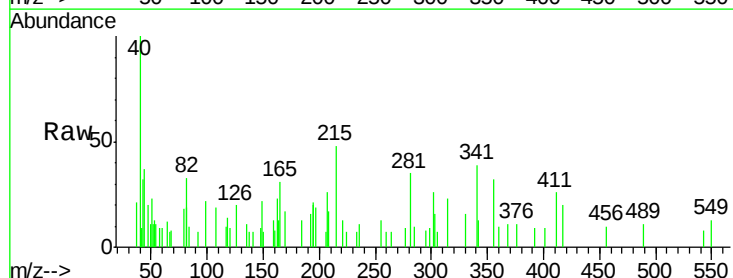
Tgt Ion:184 Resp: 172

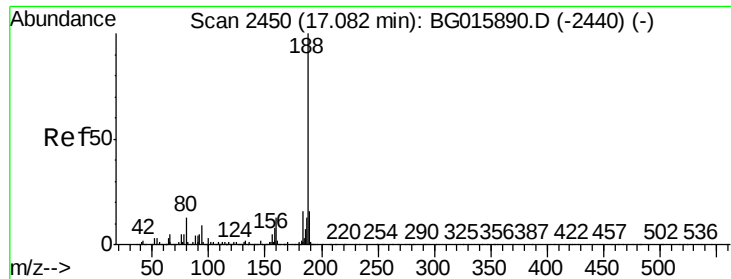
Ion Ratio Lower Upper

184 100

63 0.0 68.6 103.0#

154 0.0 54.9 82.3#

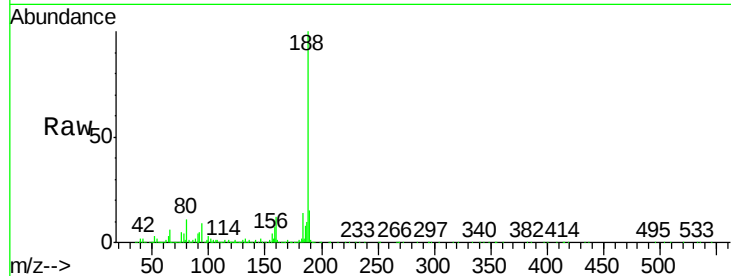




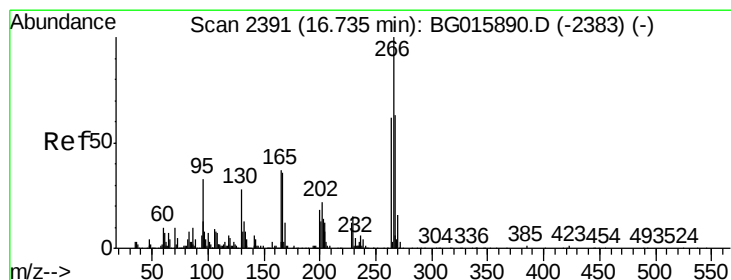
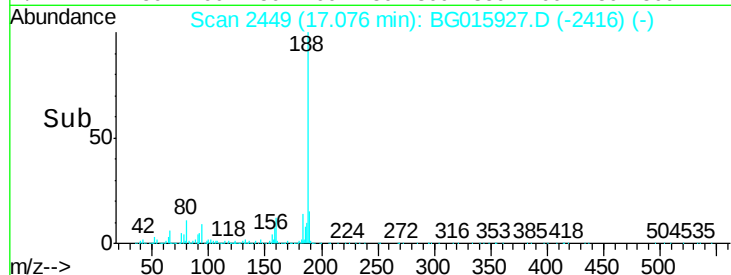
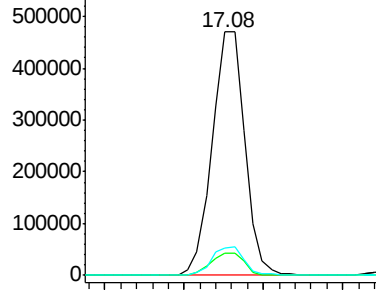
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG015927.D
Acq: 27 Jan 2015 00:21

Instrument :
BNA_G
ClientSampleId :
SB-10-COMP

Tgt Ion:188 Resp: 671851
Ion Ratio Lower Upper
188 100
94 9.2 7.8 11.8
80 11.3 10.6 16.0

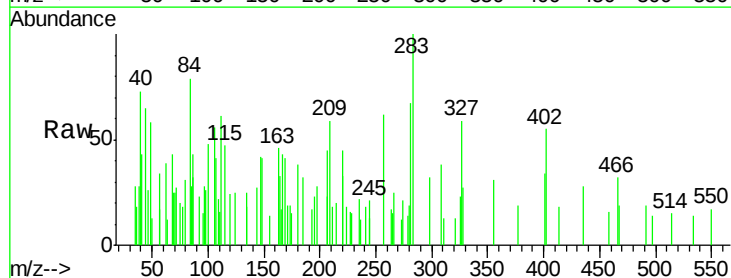


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

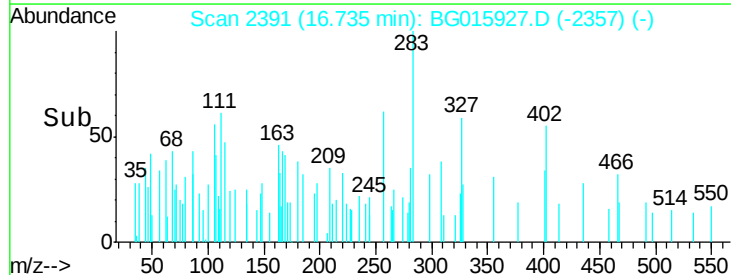
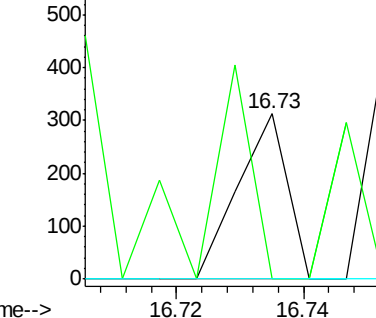


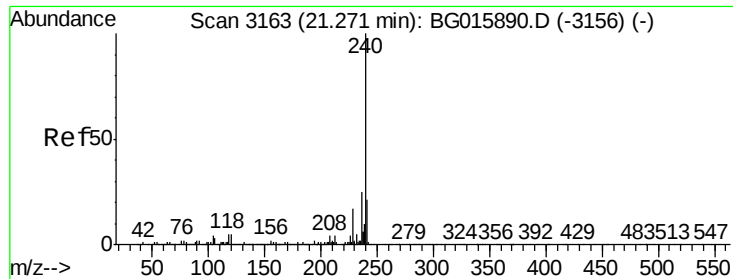
#69
Pentachlorophenol
Concen: 5.26 ng
RT: 16.73 min Scan# 2391
Delta R.T. 0.00 min
Lab File: BG015927.D
Acq: 27 Jan 2015 00:21

Tgt Ion:266 Resp: 168
Ion Ratio Lower Upper
266 100
268 0.0 53.5 80.3#
264 0.0 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: BG015927.D

Acq: 27 Jan 2015 00:21

Instrument :

BNA_G

ClientSampleId :

SB-10-COMP

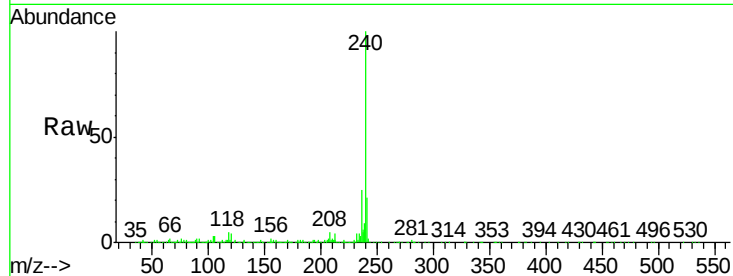
Tgt Ion:240 Resp: 964417

Ion Ratio Lower Upper

240 100

120 4.1 3.9 5.9

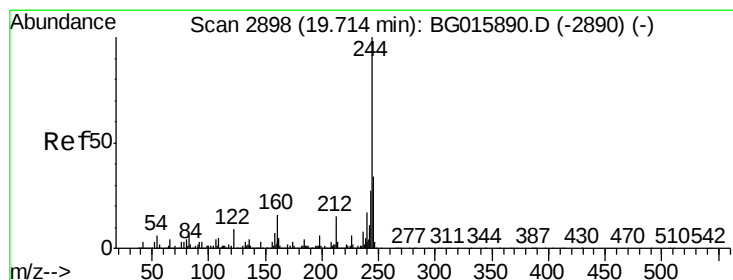
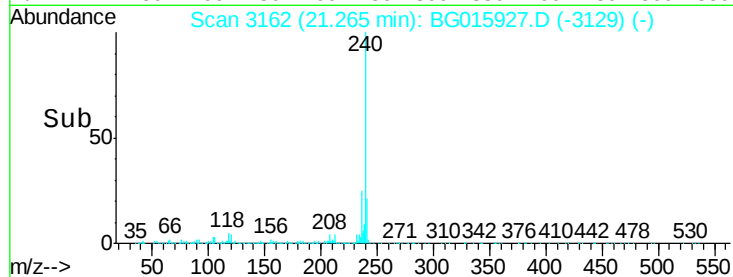
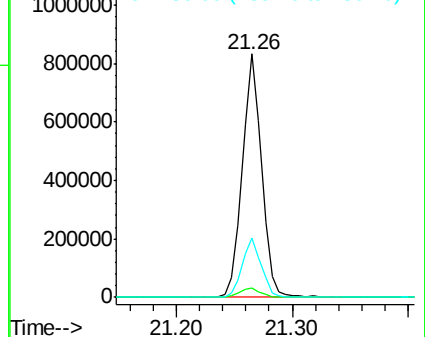
236 24.6 20.0 30.0



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: 94.88 ng

RT: 19.71 min Scan# 2898

Delta R.T. -0.00 min

Lab File: BG015927.D

Acq: 27 Jan 2015 00:21

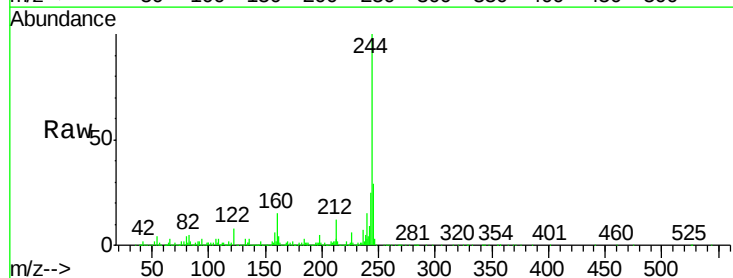
Tgt Ion:244 Resp: 3082930

Ion Ratio Lower Upper

244 100

212 12.5 11.6 17.4

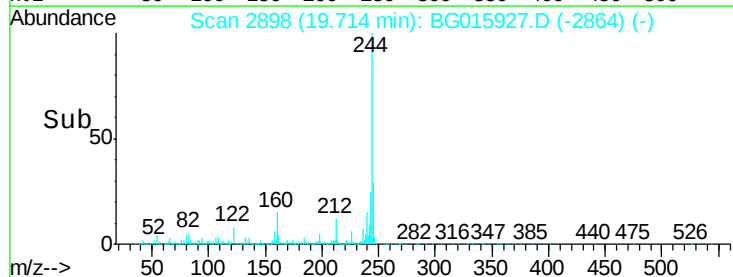
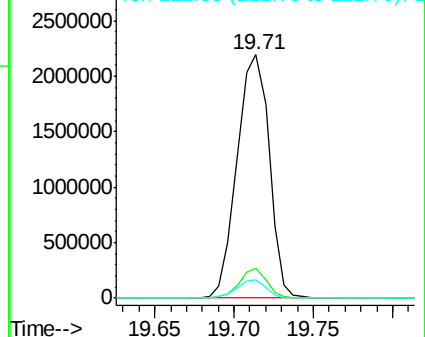
122 7.5 7.0 10.4

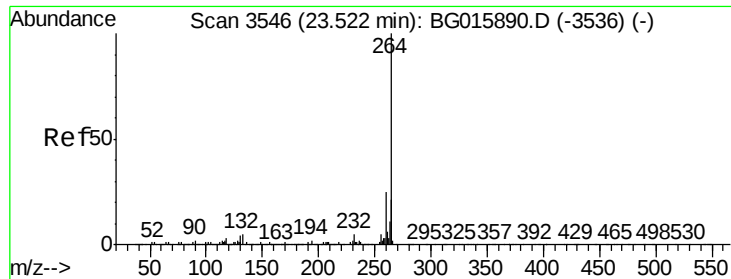


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG015927.D
Acq: 27 Jan 2015 00:21

Instrument :
BNA_G
ClientSampleId :
SB-10-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.7	29.5
265	22.6	17.3	25.9

