

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015945.D
 Acq On : 27 Jan 2015 13:11
 Operator : TP/IZ
 Sample : G1167-12
 Misc : W
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-02

Quant Time: Jan 28 00:01:31 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 27 23:52:02 2015
 Response via : Initial Calibration

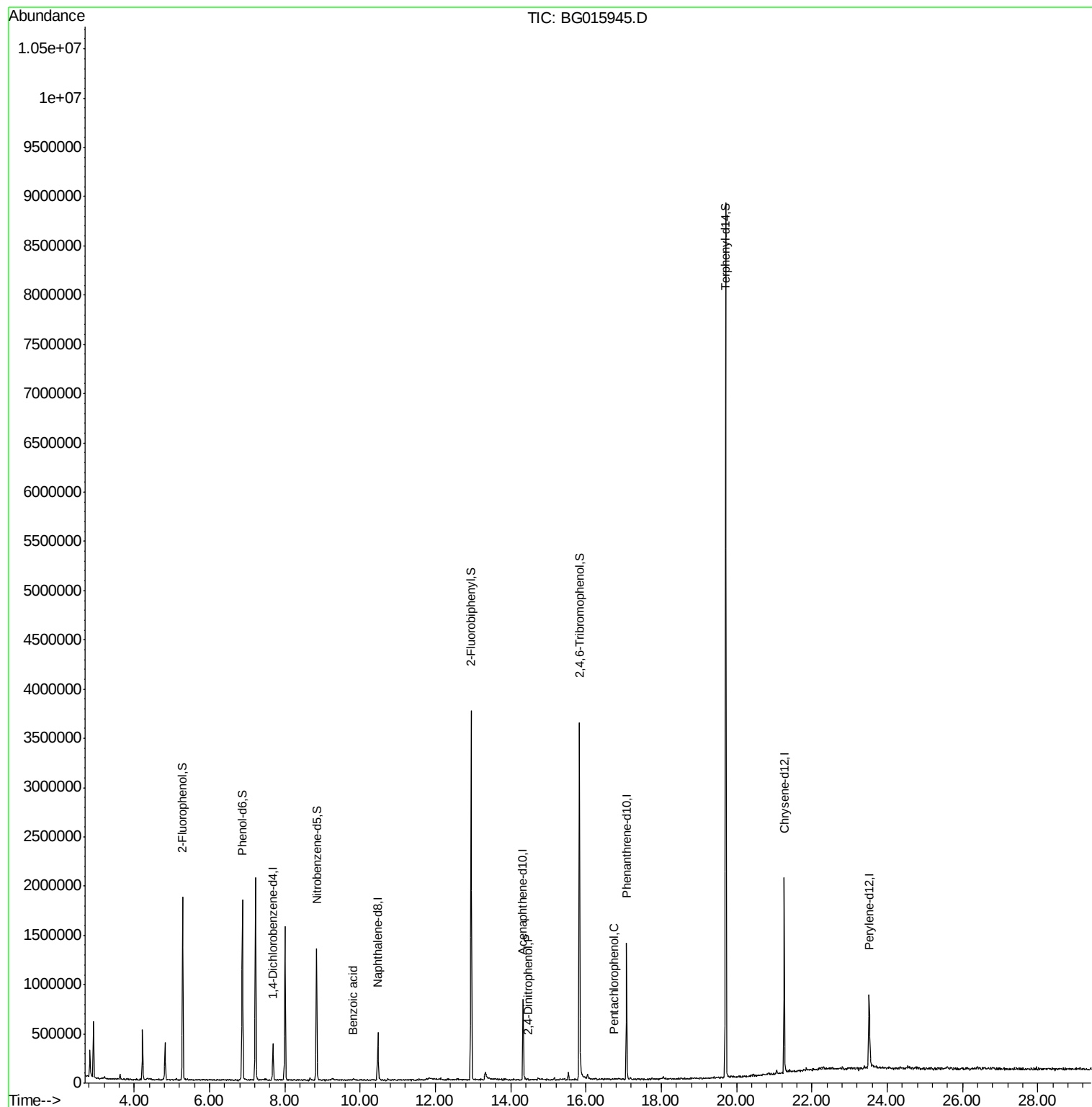
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	71883	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	295951	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	241003	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	716318	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1003150	20.00	ng	0.00
86) Perylene-d12	23.52	264	621767	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	611202	126.62	ng	0.00
7) Phenol-d6	6.87	99	874656	112.44	ng	0.00
23) Nitrobenzene-d5	8.84	82	831604	81.00	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	663695	150.43	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1590156	103.52	ng	0.00
78) Terphenyl-d14	19.72	244	3336048	101.69	ng	0.00
Target Compounds						
32) Benzoic acid	9.79	122	315	10.50	ng	# 1
53) 2,4-Dinitrophenol	14.47	184	69	4.53	ng	# 1
69) Pentachlorophenol	16.73	266	146	5.25	ng	# 17
80) Benzo(a)anthracene	21.27	228	3914	Below Cal		# 82

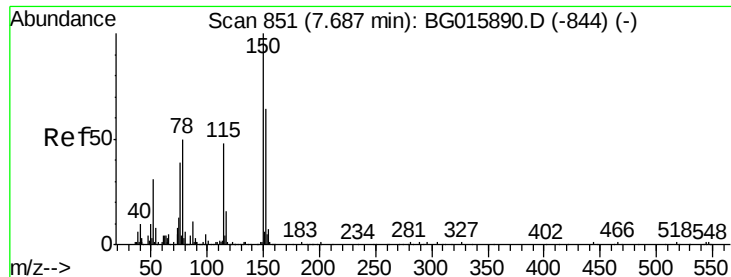
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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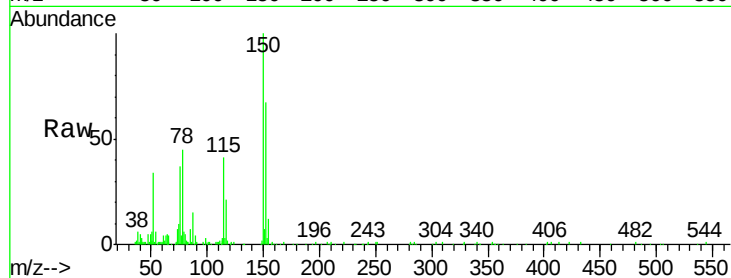


#1

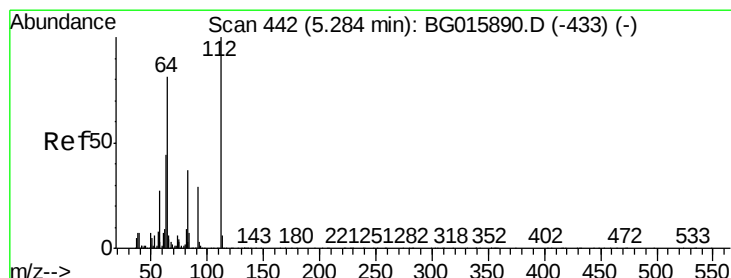
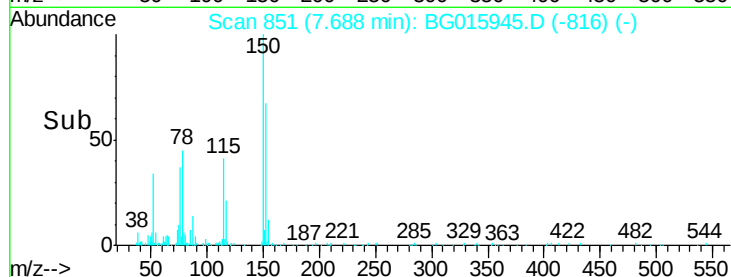
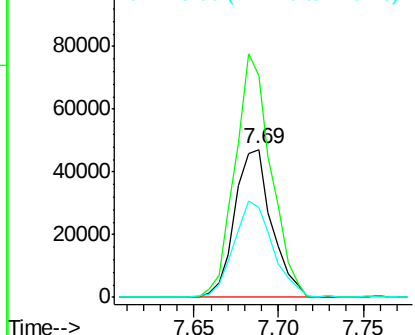
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 851
Delta R.T. 0.01 min
Lab File: BG015945.D
Acq: 27 Jan 2015 13:11

Instrument :
BNA_G
ClientSampleId :
WC-02

Tgt Ion:152 Resp: 71883
Ion Ratio Lower Upper
152 100
150 150.0 124.5 186.7
115 61.2 60.4 90.6



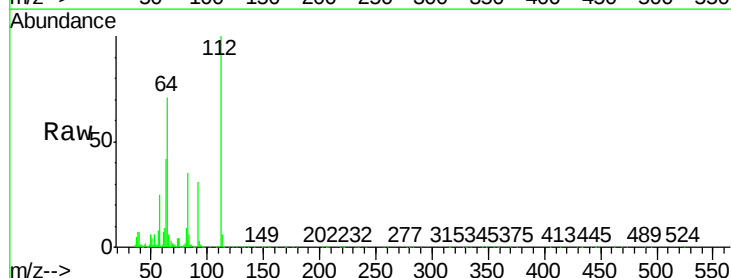
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



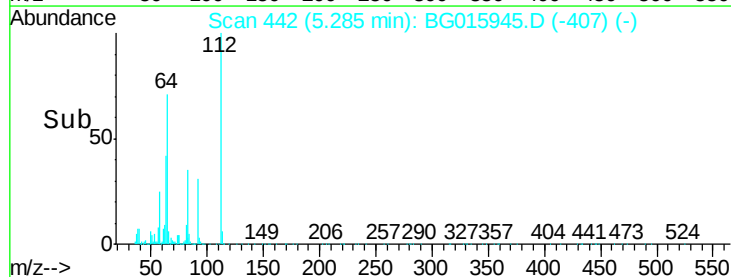
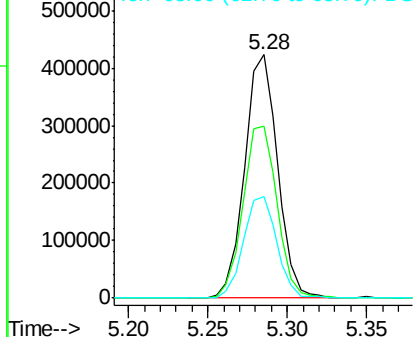
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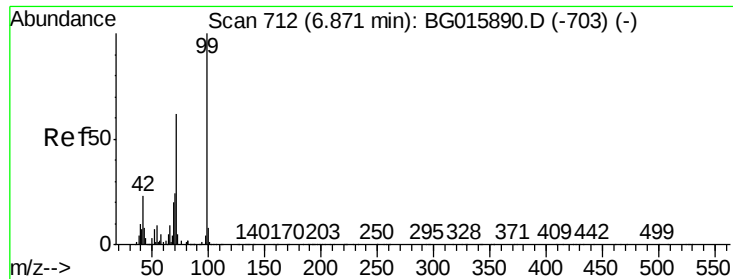
2-Fluorophenol
Concen: 126.62 ng
RT: 5.28 min Scan# 442
Delta R.T. 0.01 min
Lab File: BG015945.D
Acq: 27 Jan 2015 13:11

Tgt Ion:112 Resp: 611202
Ion Ratio Lower Upper
112 100
64 70.5 64.4 96.6
63 41.6 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: 112.44 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG015945.D

Acq: 27 Jan 2015 13:11

Instrument :

BNA_G

ClientSampleId :

WC-02

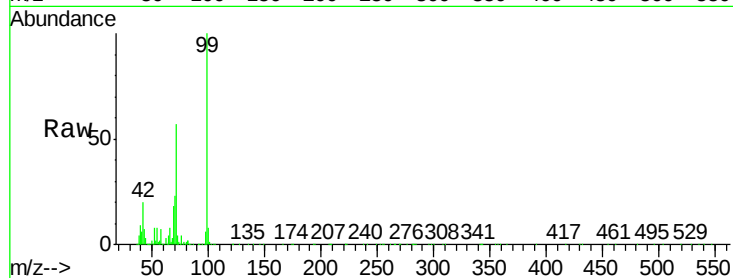
Tgt Ion: 99 Resp: 874656

Ion Ratio Lower Upper

99 100

42 19.6 18.1 27.1

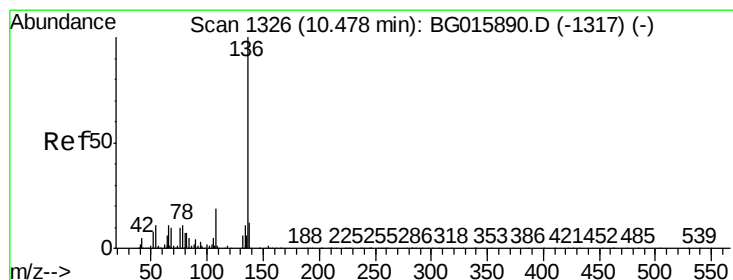
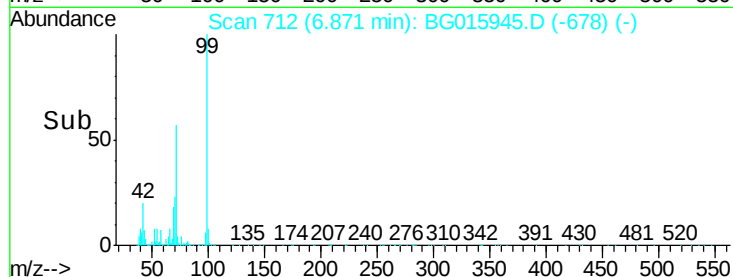
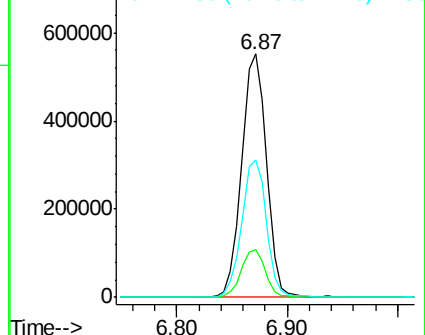
71 56.6 49.8 74.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG015945.D

Acq: 27 Jan 2015 13:11

Tgt Ion: 136 Resp: 295951

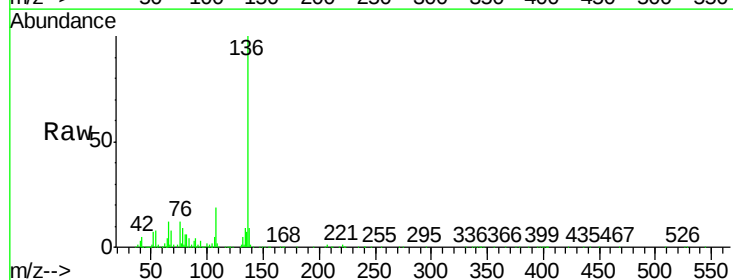
Ion Ratio Lower Upper

136 100

137 9.4 9.7 14.5#

54 8.2 8.5 12.7#

68 8.4 8.0 12.0

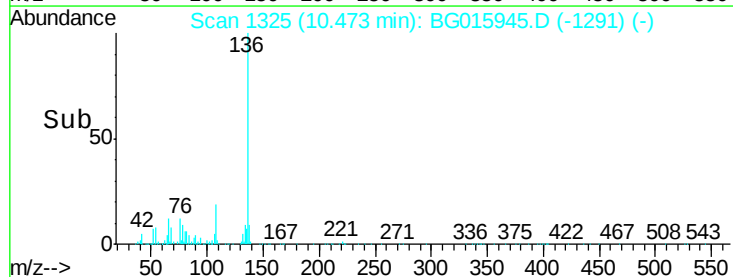
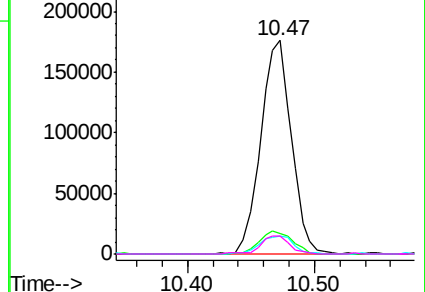


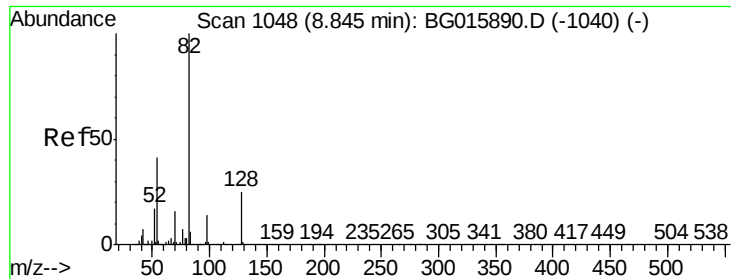
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

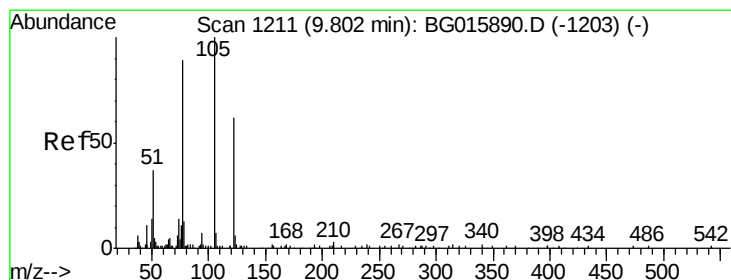
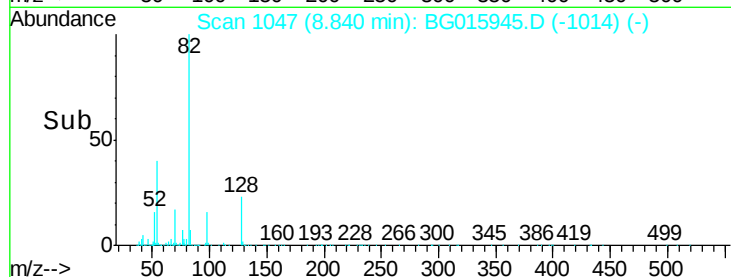
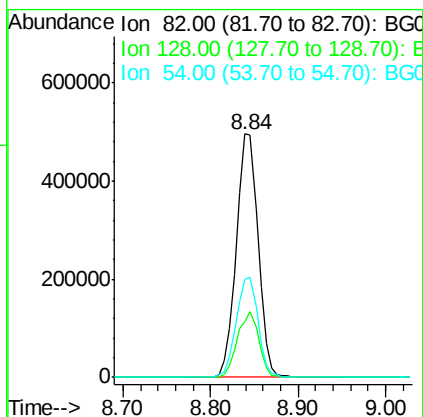
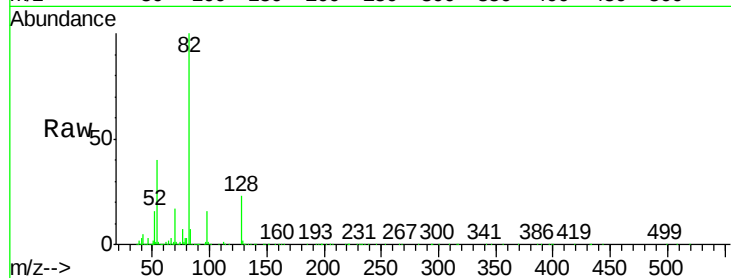




#23
 Nitrobenzene-d5
 Concen: 81.00 ng
 RT: 8.84 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG015945.D
 Acq: 27 Jan 2015 13:11

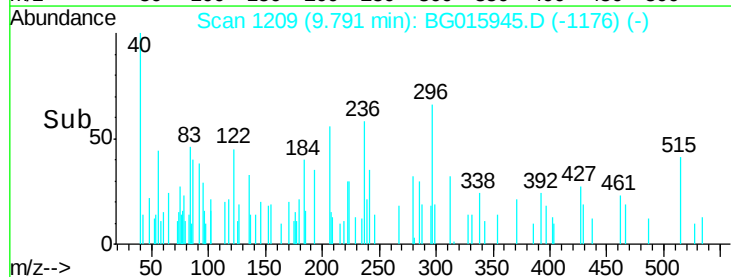
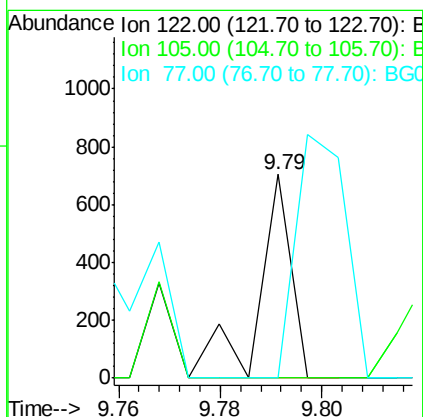
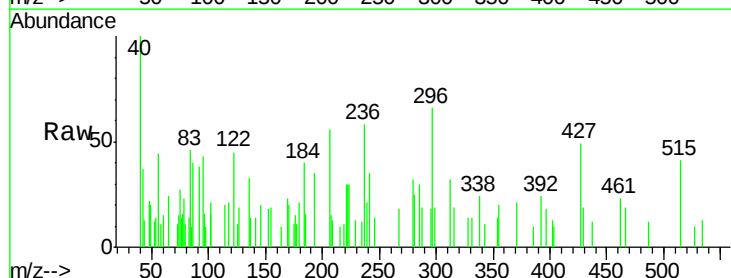
Instrument :
 BNA_G
 ClientSampleId :
 WC-02

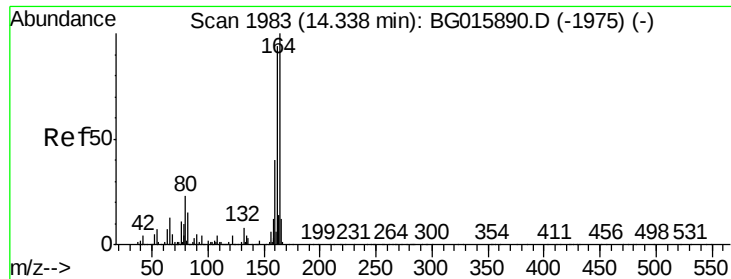
Tgt Ion: 82 Resp: 831604
 Ion Ratio Lower Upper
 82 100
 128 22.6 19.8 29.8
 54 39.9 33.0 49.4



#32
 Benzoic acid
 Concen: 10.50 ng
 RT: 9.79 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BG015945.D
 Acq: 27 Jan 2015 13:11

Tgt Ion: 122 Resp: 315
 Ion Ratio Lower Upper
 122 100
 105 0.0 140.2 180.2#
 77 0.0 126.4 166.4#

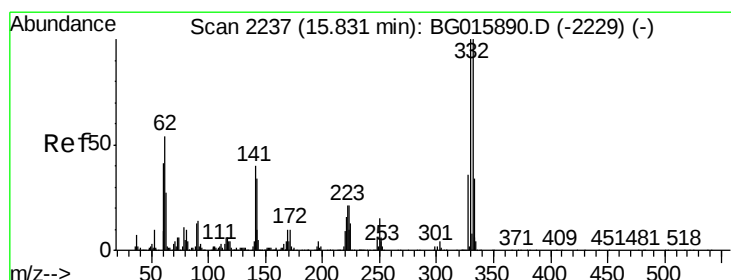
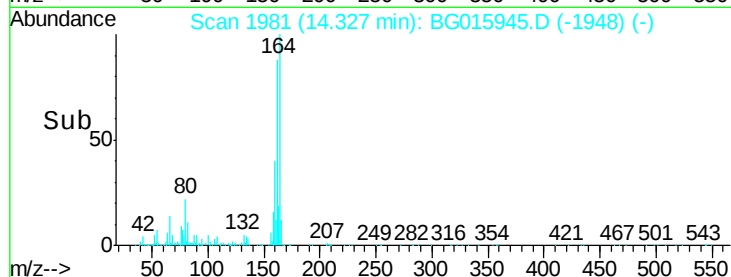
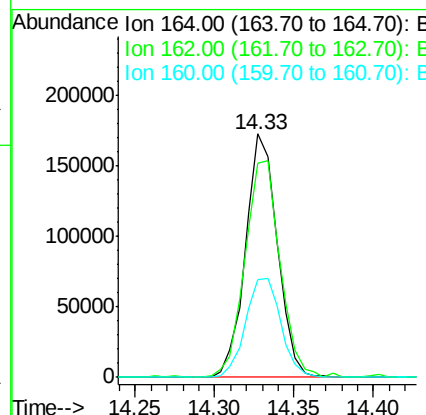
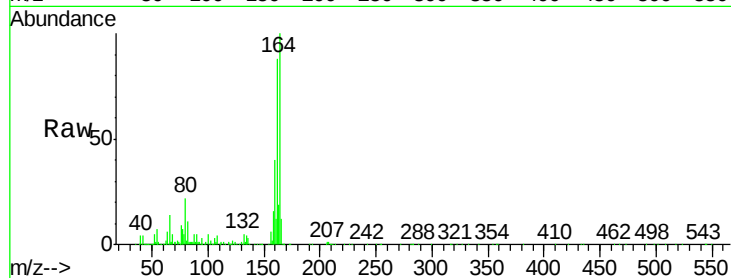




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG015945.D
Acq: 27 Jan 2015 13:11

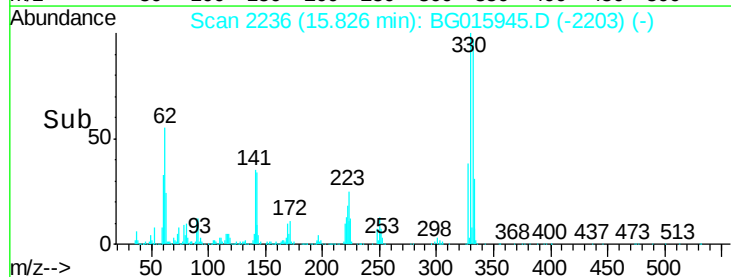
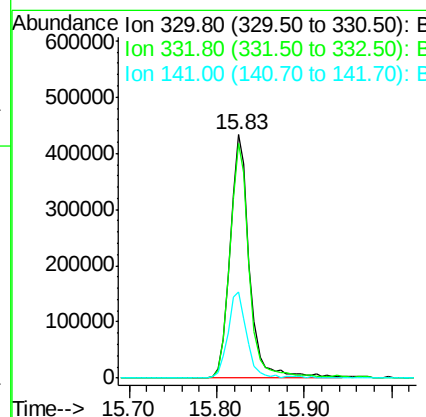
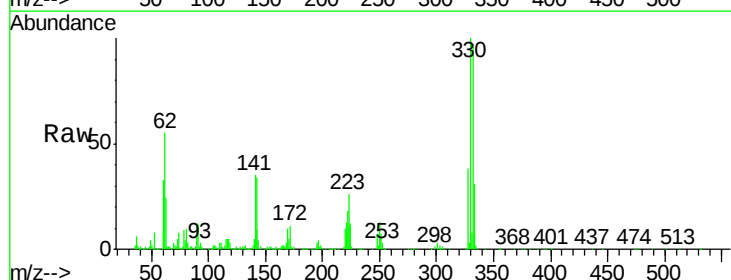
Instrument :
BNA_G
ClientSampleId :
WC-02

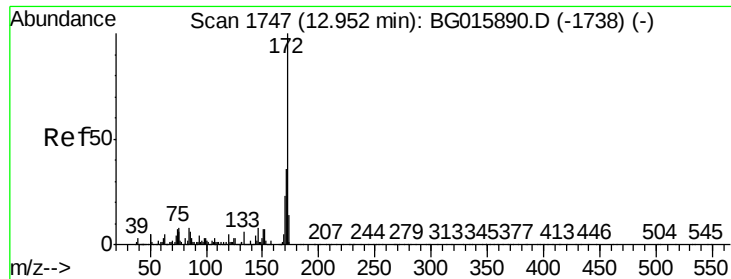
Tgt Ion:164 Resp: 241003
Ion Ratio Lower Upper
164 100
162 87.9 75.1 112.7
160 40.3 32.3 48.5



#41
2,4,6-Tribromophenol
Concen: 150.43 ng
RT: 15.83 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BG015945.D
Acq: 27 Jan 2015 13:11

Tgt Ion:330 Resp: 663695
Ion Ratio Lower Upper
330 100
332 95.3 75.4 113.0
141 34.0 33.0 49.6

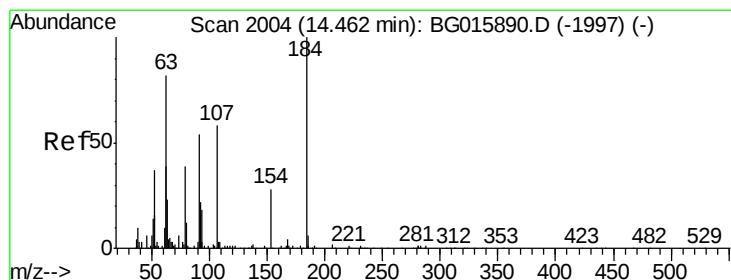
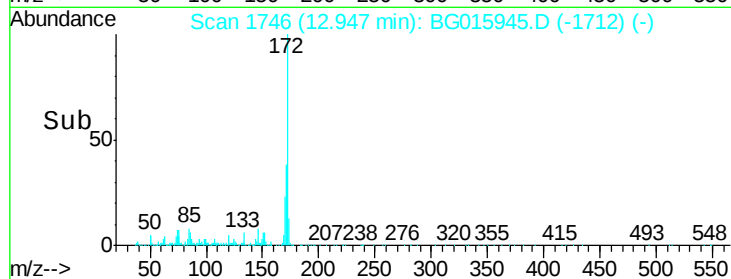
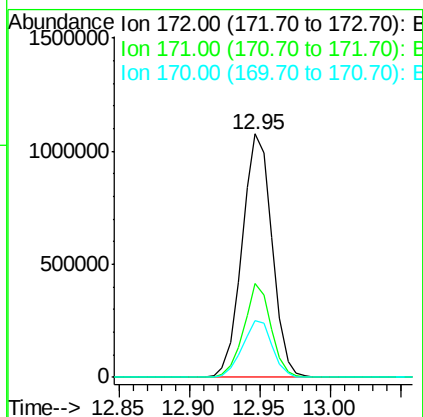
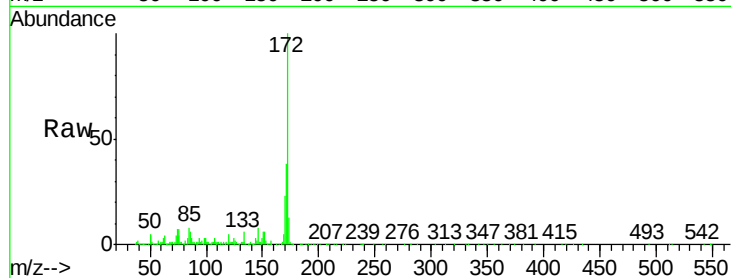




#44
2-Fluorobiphenyl
Concen: 103.52 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG015945.D
Acq: 27 Jan 2015 13:11

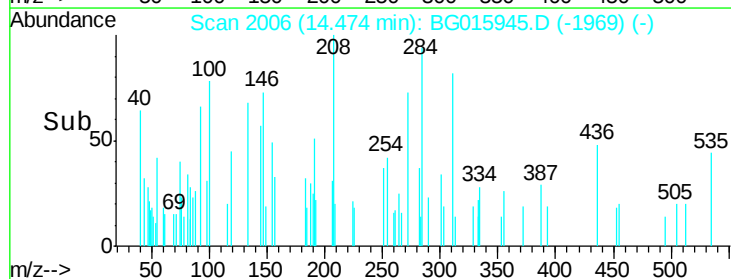
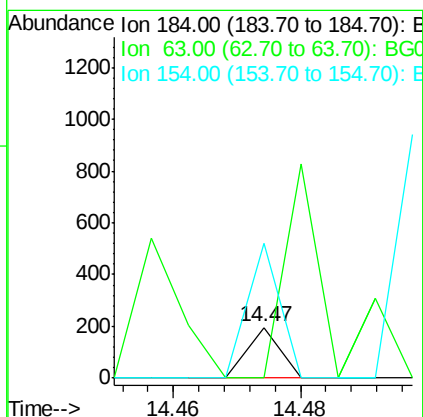
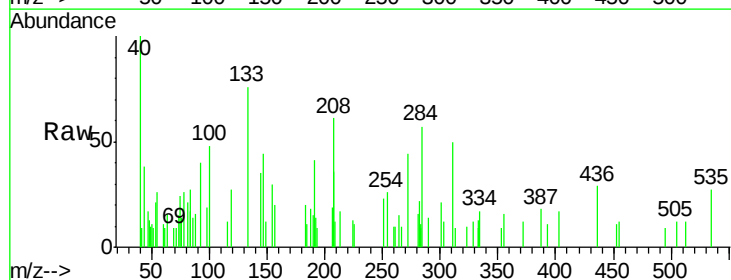
Instrument :
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WC-02

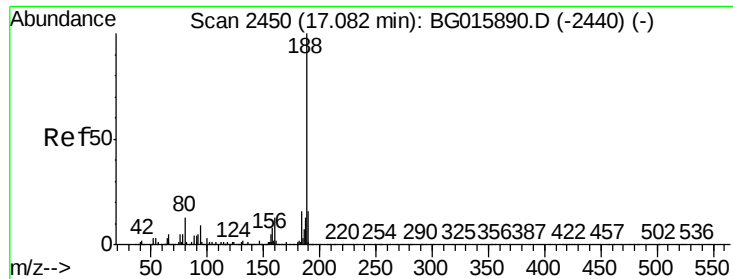
Tgt Ion:172 Resp: 1590156
Ion Ratio Lower Upper
172 100
171 38.5 29.2 43.8
170 23.5 18.6 27.8



#53
2,4-Dinitrophenol
Concen: 4.53 ng
RT: 14.47 min Scan# 2006
Delta R.T. 0.02 min
Lab File: BG015945.D
Acq: 27 Jan 2015 13:11

Tgt Ion:184 Resp: 69
Ion Ratio Lower Upper
184 100
63 0.0 68.6 103.0#
154 266.8 54.9 82.3#

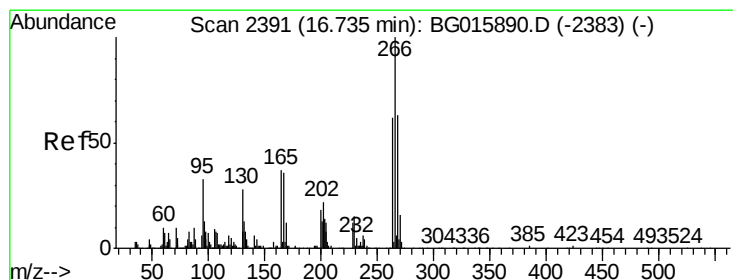
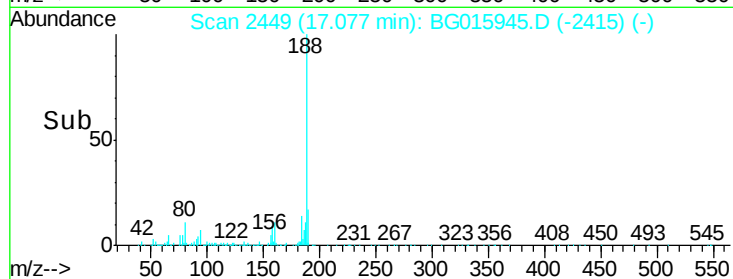
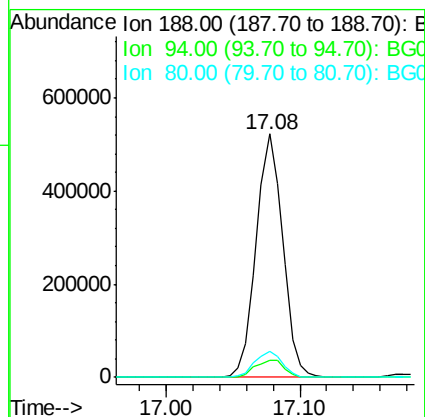
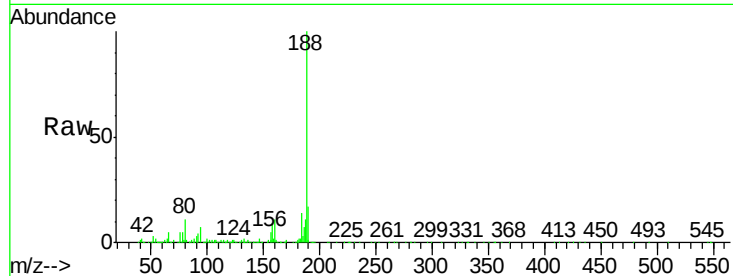




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG015945.D
Acq: 27 Jan 2015 13:11

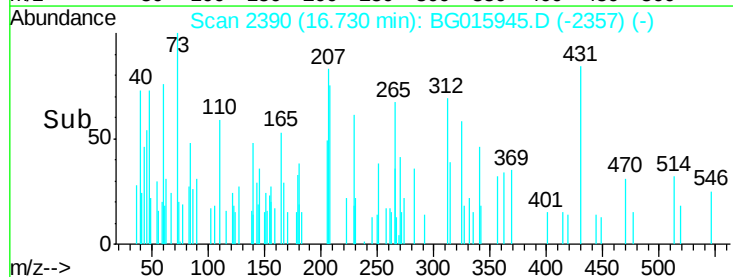
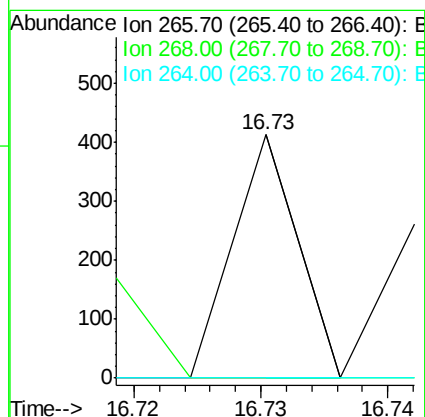
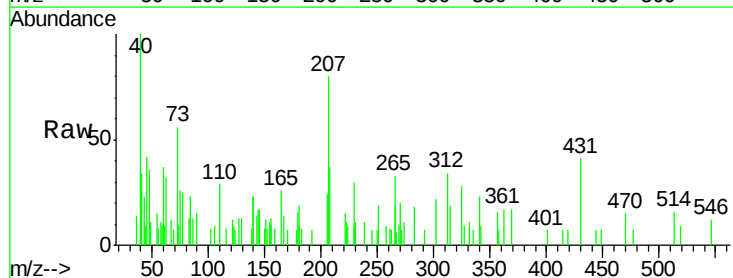
Instrument :
BNA_G
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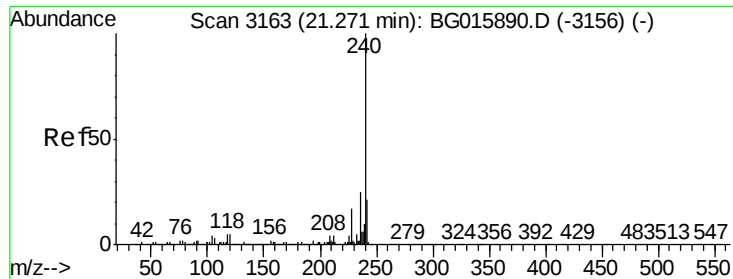
Tgt Ion:188 Resp: 716318
Ion Ratio Lower Upper
188 100
94 7.0 7.8 11.8#
80 10.9 10.6 16.0



#69
Pentachlorophenol
Concen: 5.25 ng
RT: 16.73 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BG015945.D
Acq: 27 Jan 2015 13:11

Tgt Ion:266 Resp: 146
Ion Ratio Lower Upper
266 100
268 0.0 53.5 80.3#
264 0.0 51.9 77.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.27 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG015945.D

Acq: 27 Jan 2015 13:11

Instrument :

BNA_G

ClientSampled :

WC-02

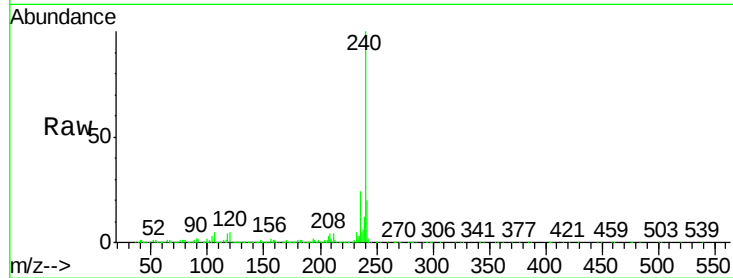
Tgt Ion:240 Resp: 1003150

Ion Ratio Lower Upper

240 100

120 5.4 3.9 5.9

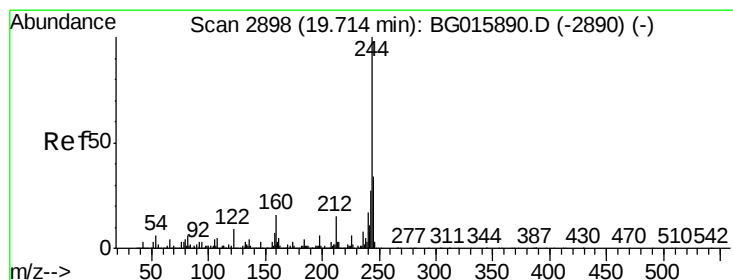
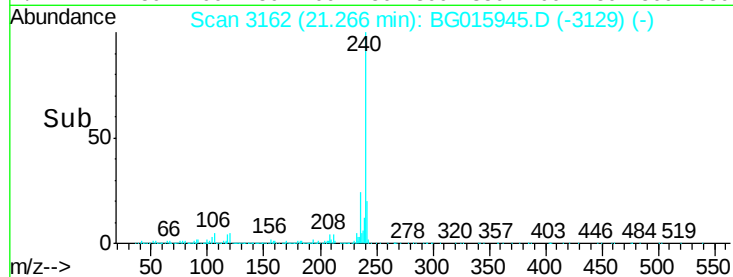
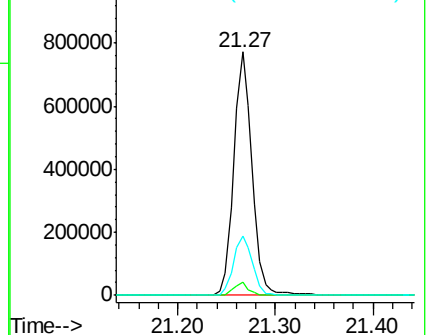
236 24.2 20.0 30.0



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: 101.69 ng

RT: 19.72 min Scan# 2898

Delta R.T. -0.00 min

Lab File: BG015945.D

Acq: 27 Jan 2015 13:11

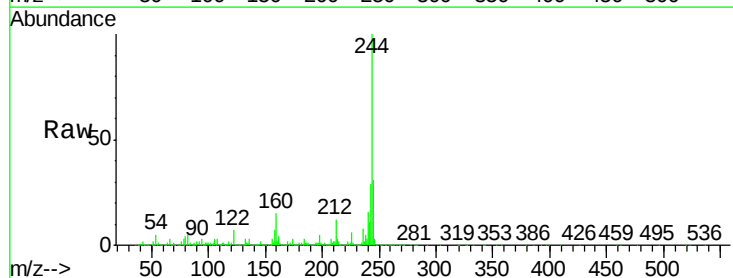
Tgt Ion:244 Resp: 3336048

Ion Ratio Lower Upper

244 100

212 12.3 11.6 17.4

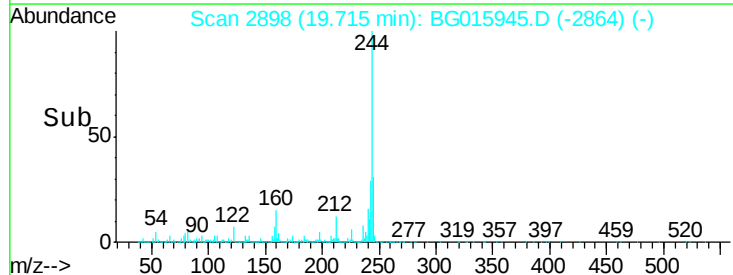
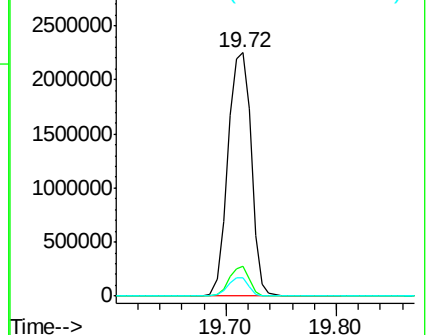
122 7.5 7.0 10.4

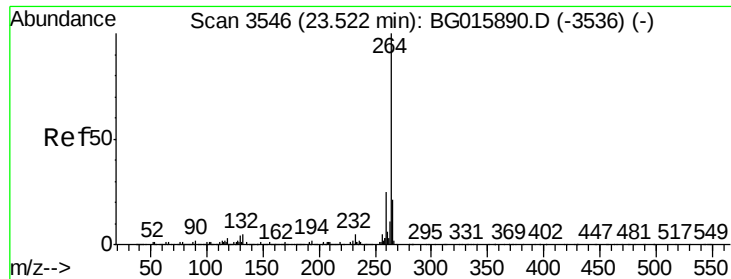


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG015945.D
Acq: 27 Jan 2015 13:11

Instrument :
BNA_G
ClientSampleId :
WC-02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	18.8	17.3	25.9

