

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015954.D
 Acq On : 27 Jan 2015 20:50
 Operator : TP/IZ
 Sample : G1136-15
 Misc : W
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-04

Quant Time: Jan 28 02:29:21 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 01:36:36 2015
 Response via : Initial Calibration

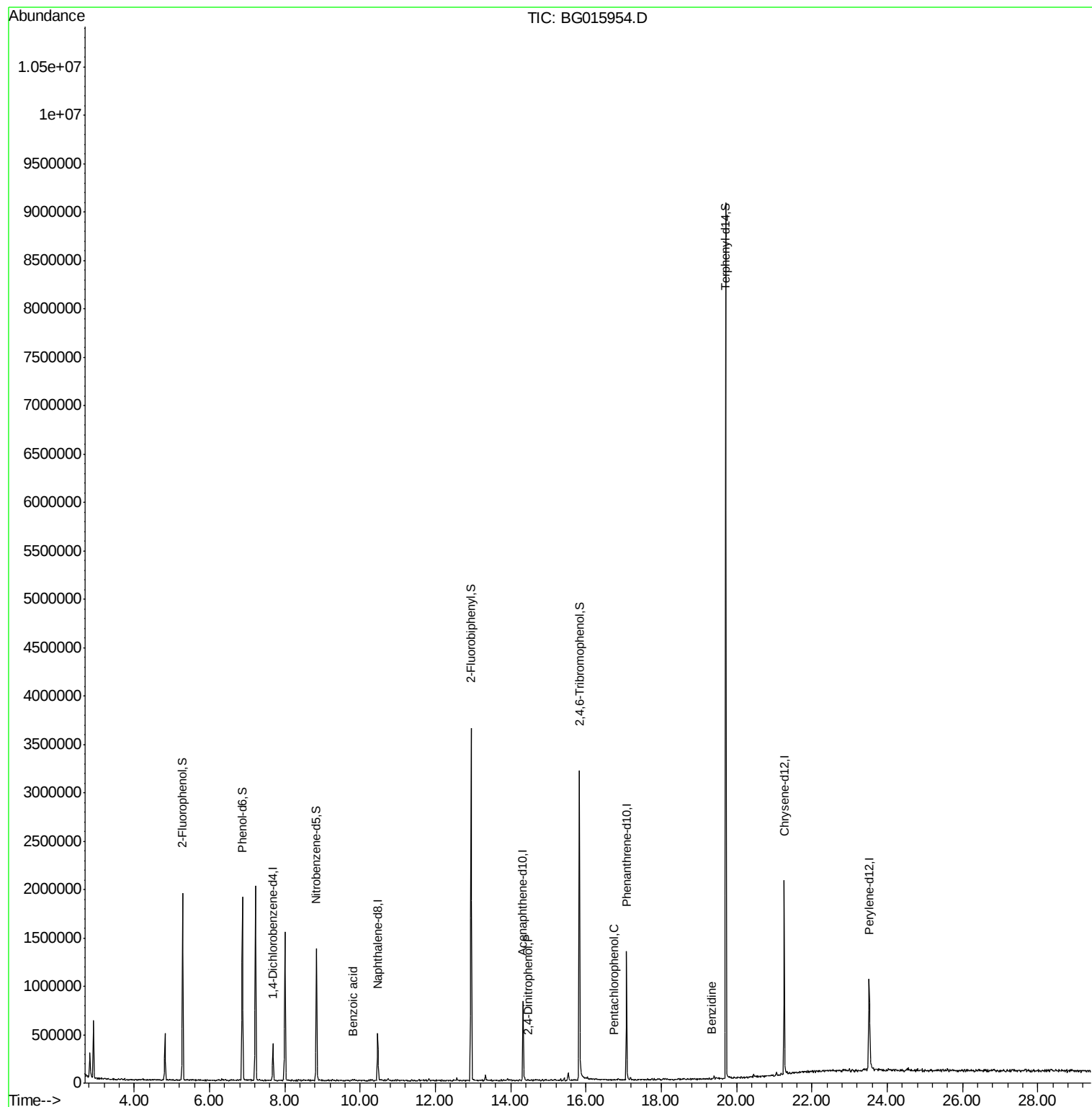
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	72358	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	280178	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	238047	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	671438	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1007976	20.00	ng	0.00
86) Perylene-d12	23.52	264	887192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	629967	129.65	ng	0.00
7) Phenol-d6	6.87	99	917835	117.22	ng	0.00
23) Nitrobenzene-d5	8.84	82	819393	84.30	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	625598	143.56	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1584701	104.45	ng	0.00
78) Terphenyl-d14	19.72	244	3372554	102.83	ng	0.00
Target Compounds						
32) Benzoic acid	9.82	122	114	10.34	ng	# 50
53) 2,4-Dinitrophenol	14.45	184	158	4.58	ng	# 10
69) Pentachlorophenol	16.74	266	313	5.29	ng	# 17
76) Benzidine	19.34	184	315	2.00	ng	# 64
80) Benzo(a)anthracene	21.27	228	5961	Below Cal		95

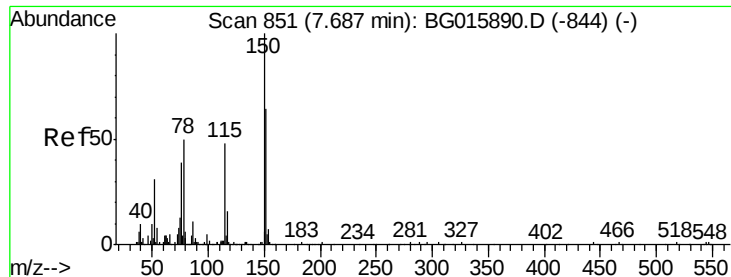
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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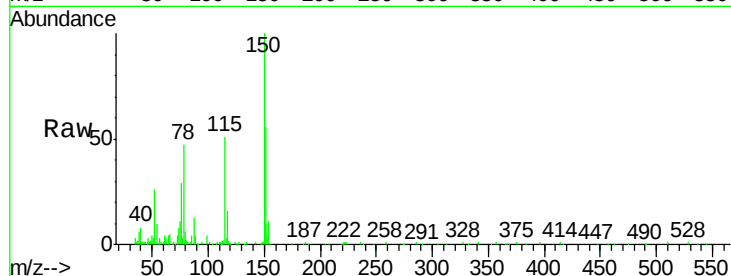


#1

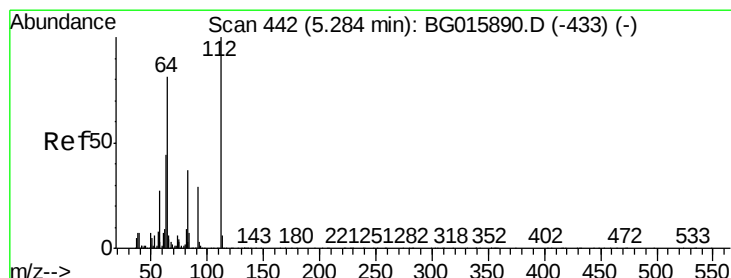
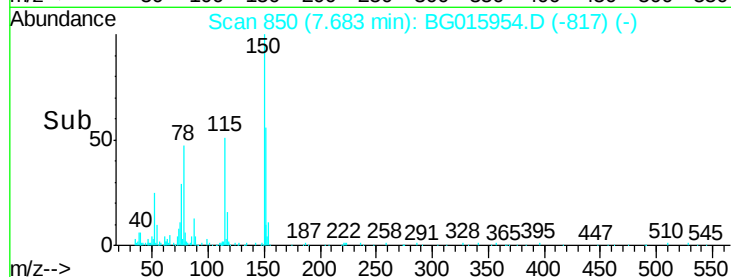
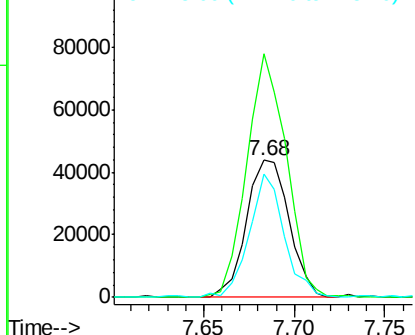
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG015954.D
Acq: 27 Jan 2015 20:50

Instrument :
BNA_G
ClientSampleId :
WC-04

Tgt Ion:152 Resp: 72358
Ion Ratio Lower Upper
152 100
150 177.4 124.5 186.7
115 89.6 60.4 90.6



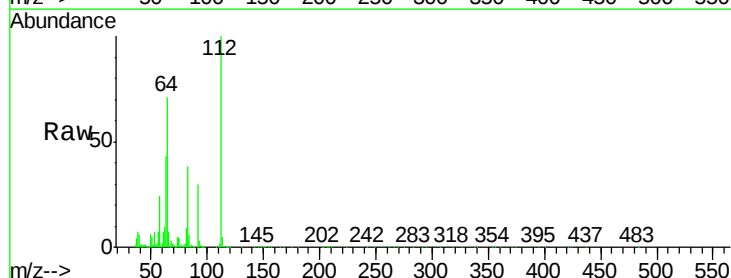
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



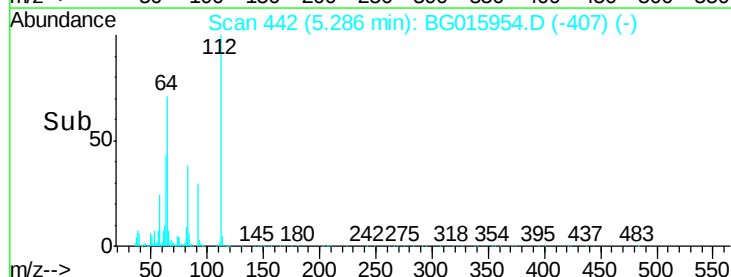
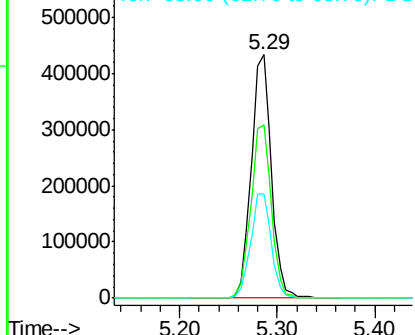
#5

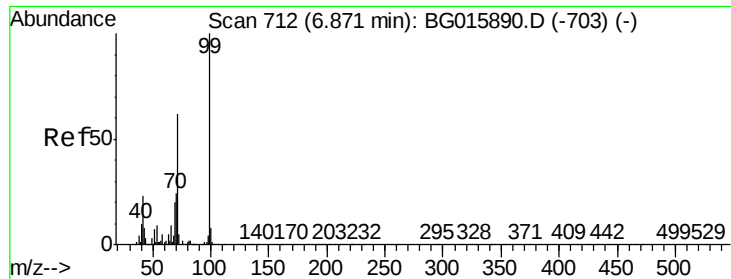
2-Fluorophenol
Concen: 129.65 ng
RT: 5.29 min Scan# 442
Delta R.T. 0.01 min
Lab File: BG015954.D
Acq: 27 Jan 2015 20:50

Tgt Ion:112 Resp: 629967
Ion Ratio Lower Upper
112 100
64 70.9 64.4 96.6
63 42.9 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 117.22 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015954.D

Acq: 27 Jan 2015 20:50

Instrument :

BNA_G

ClientSampleId :

WC-04

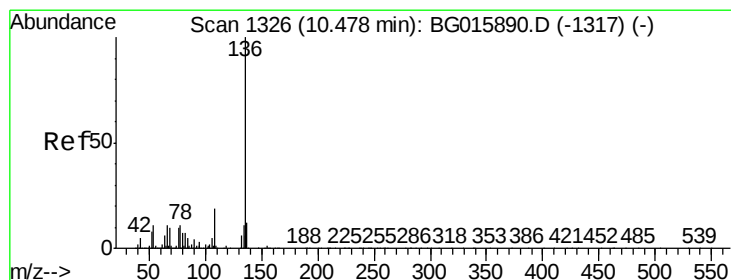
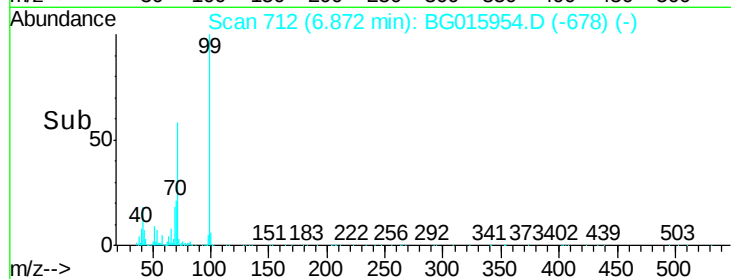
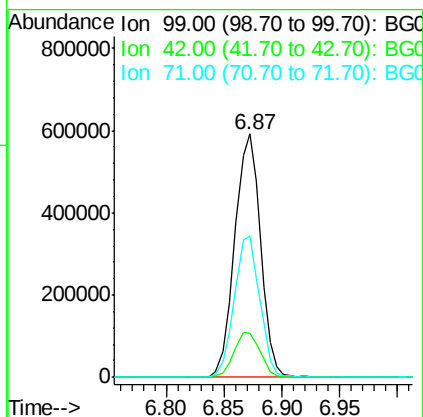
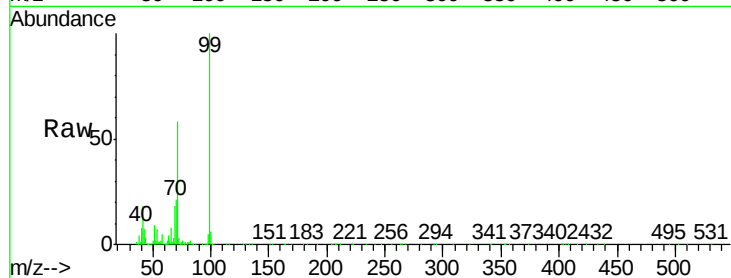
Tgt Ion: 99 Resp: 917835

Ion Ratio Lower Upper

99 100

42 18.0 18.1 27.1#

71 58.2 49.8 74.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BG015954.D

Acq: 27 Jan 2015 20:50

Tgt Ion: 136 Resp: 280178

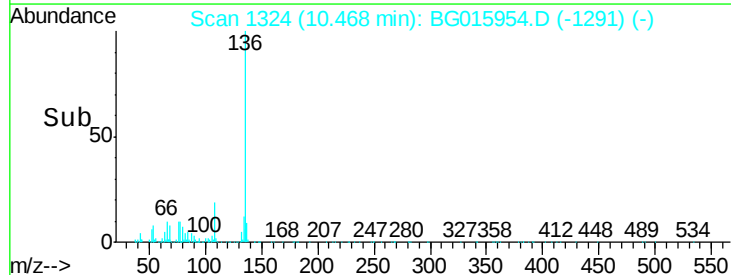
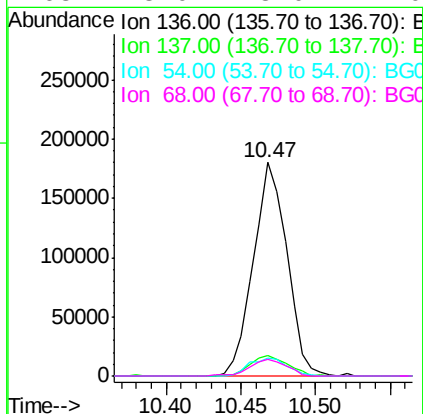
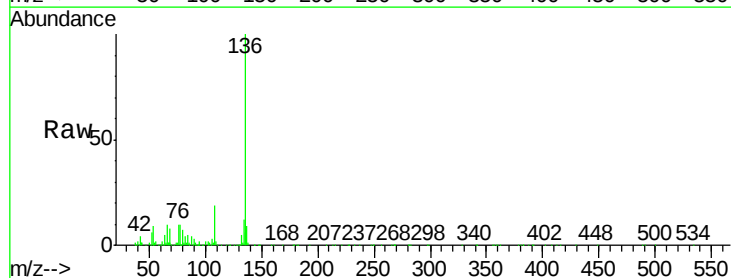
Ion Ratio Lower Upper

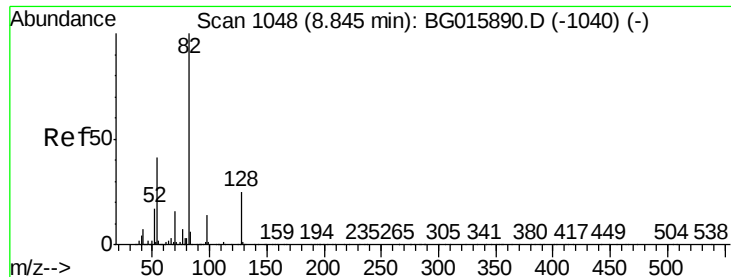
136 100

137 9.4 9.7 14.5#

54 8.5 8.5 12.7

68 8.0 8.0 12.0#

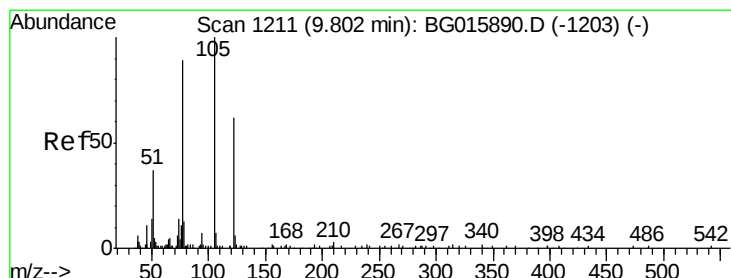
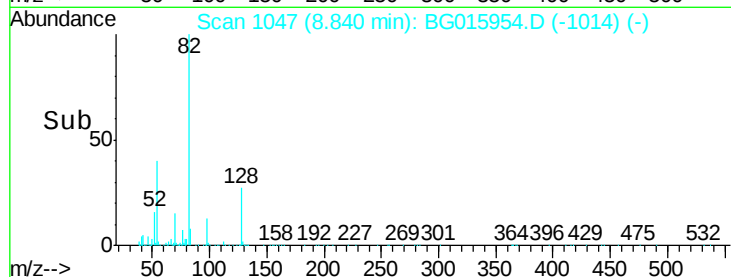
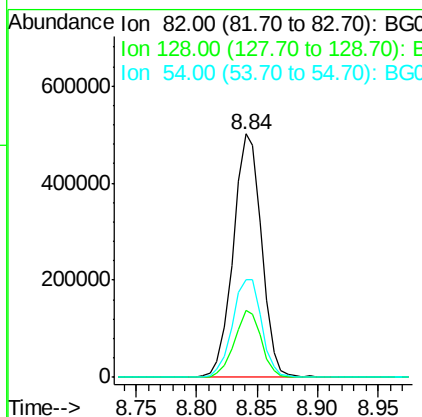
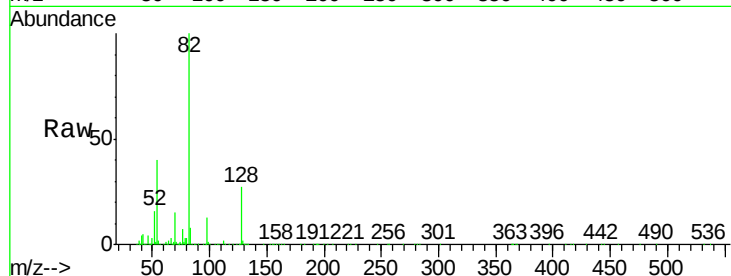




#23
 Nitrobenzene-d5
 Concen: 84.30 ng
 RT: 8.84 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG015954.D
 Acq: 27 Jan 2015 20:50

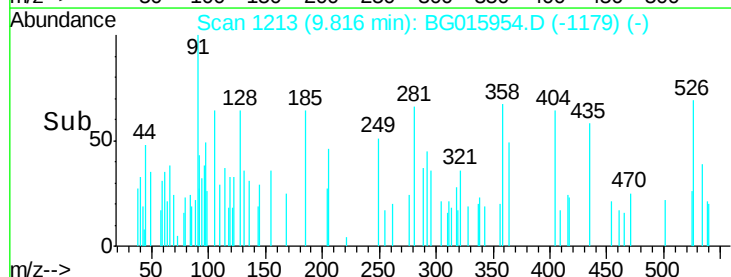
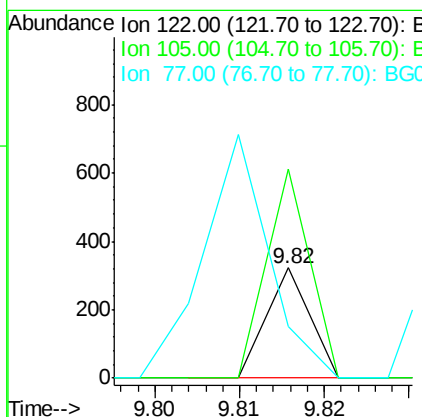
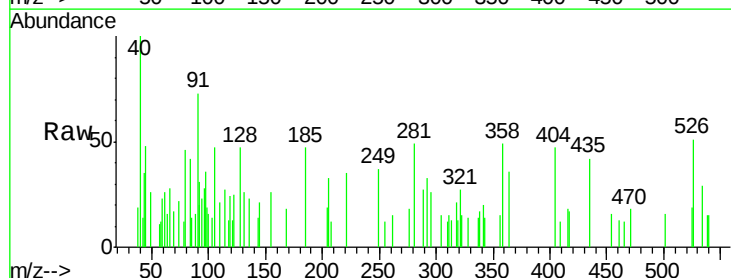
Instrument :
 BNA_G
 ClientSampleId :
 WC-04

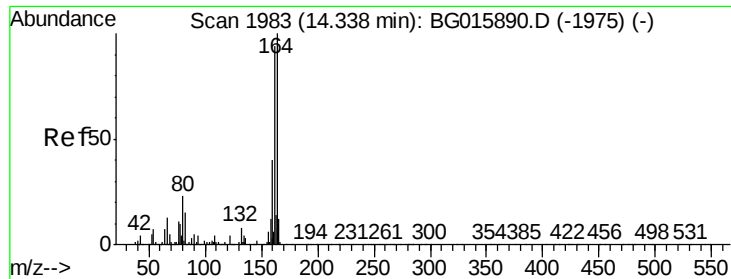
Tgt Ion	Ratio	Lower	Upper
82	100		
128	27.5	19.8	29.8
54	40.4	33.0	49.4



#32
 Benzoic acid
 Concen: 10.34 ng
 RT: 9.82 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BG015954.D
 Acq: 27 Jan 2015 20:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	189.8	140.2	180.2#
77	47.4	126.4	166.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BG015954.D

Acq: 27 Jan 2015 20:50

Instrument :

BNA_G

ClientSampleId :

WC-04

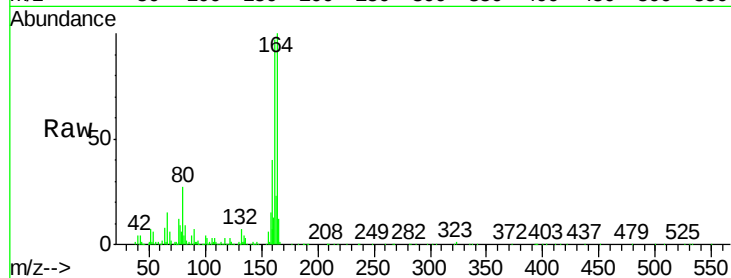
Tgt Ion:164 Resp: 238047

Ion Ratio Lower Upper

164 100

162 96.9 75.1 112.7

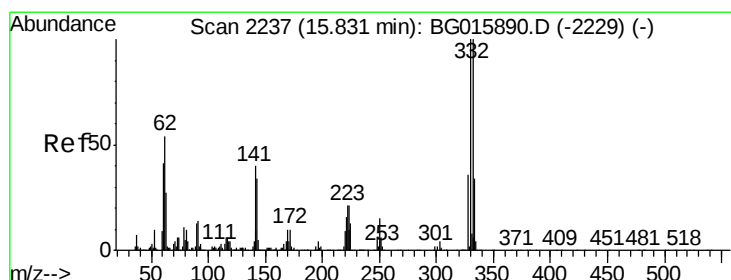
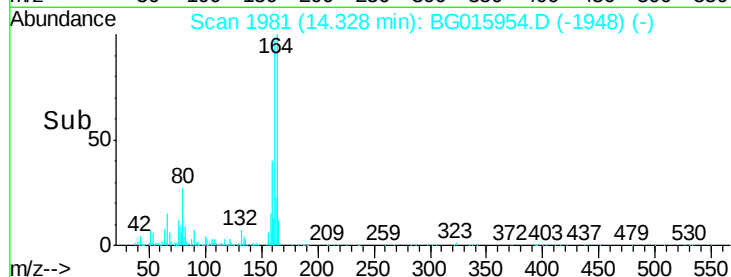
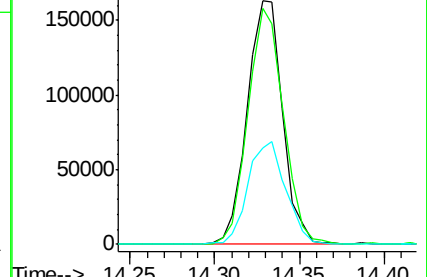
160 39.7 32.3 48.5



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: 143.56 ng

RT: 15.83 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG015954.D

Acq: 27 Jan 2015 20:50

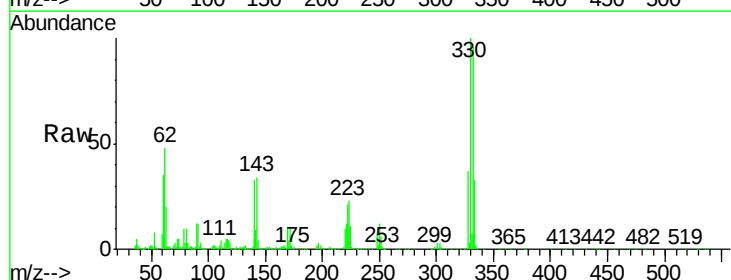
Tgt Ion:330 Resp: 625598

Ion Ratio Lower Upper

330 100

332 93.0 75.4 113.0

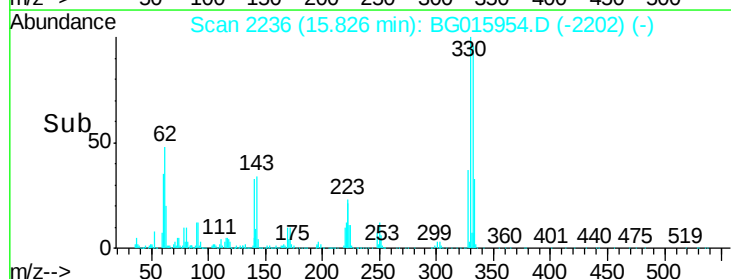
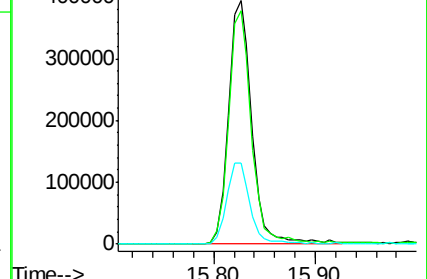
141 33.7 33.0 49.6

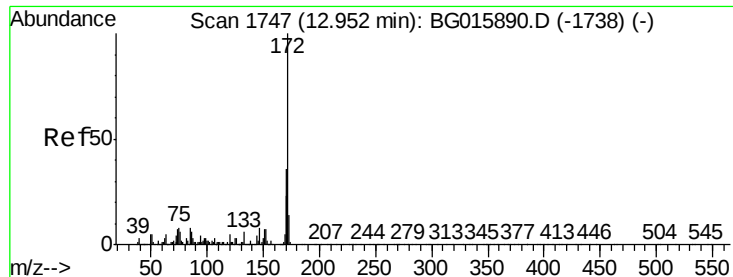


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 104.45 ng

RT: 12.95 min Scan# 1746

Delta R.T. -0.00 min

Lab File: BG015954.D

Acq: 27 Jan 2015 20:50

Instrument :

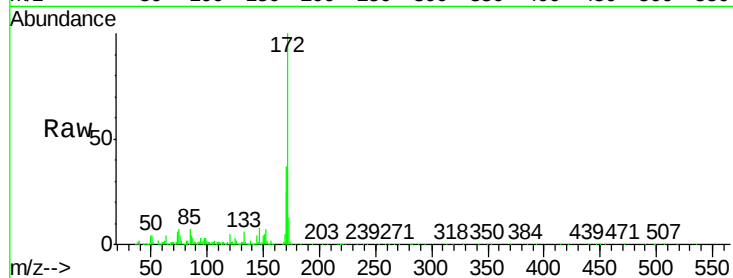
BNA_G

ClientSampled :

WC-04

Tgt Ion:172 Resp: 1584701

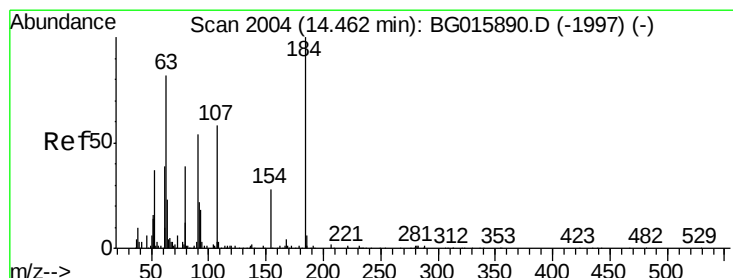
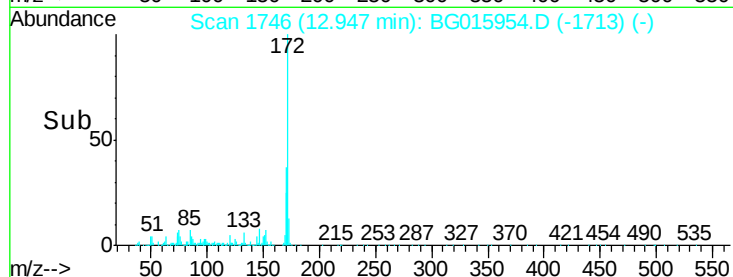
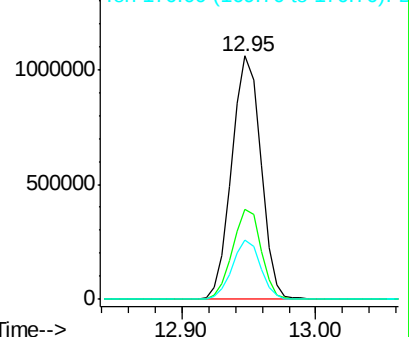
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.2	43.8
170	24.6	18.6	27.8



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



#53

2,4-Dinitrophenol

Concen: 4.58 ng

RT: 14.45 min Scan# 2001

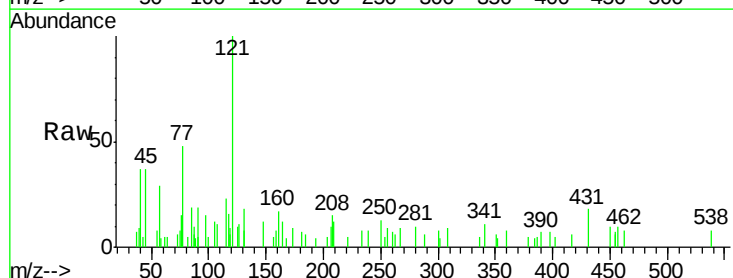
Delta R.T. -0.01 min

Lab File: BG015954.D

Acq: 27 Jan 2015 20:50

Tgt Ion:184 Resp: 158

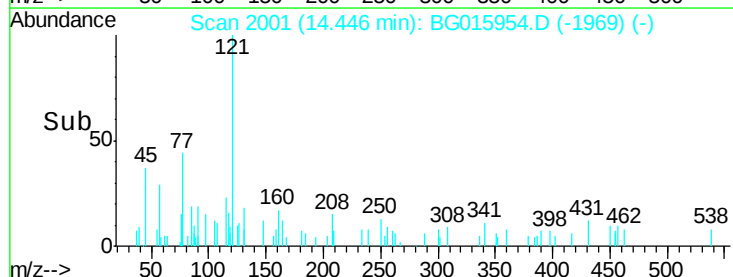
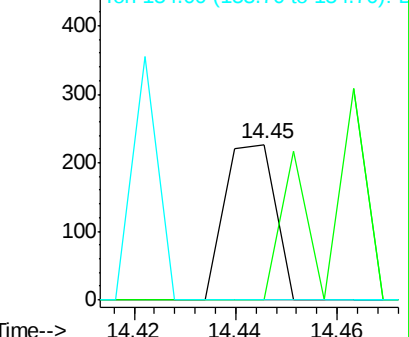
Ion	Ratio	Lower	Upper
184	100		
63	0.0	68.6	103.0#
154	0.0	54.9	82.3#

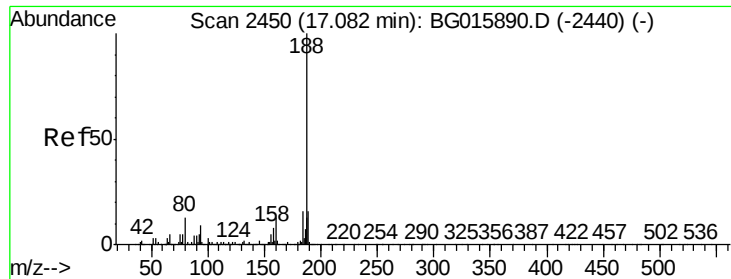


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

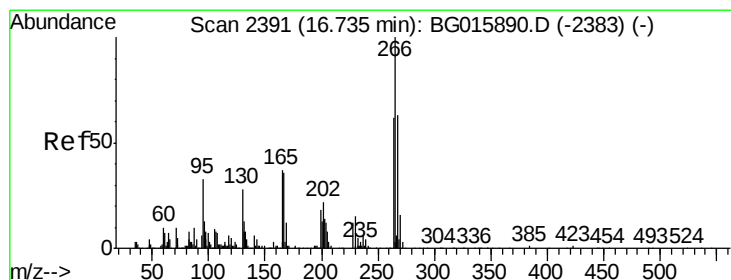
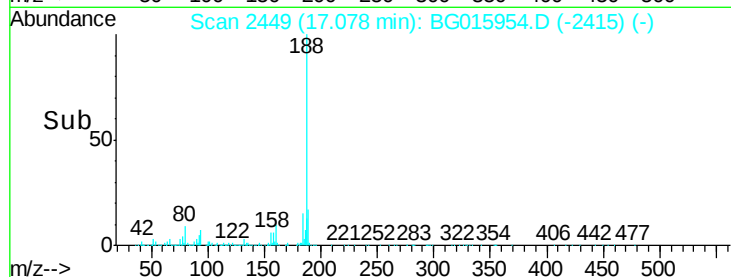
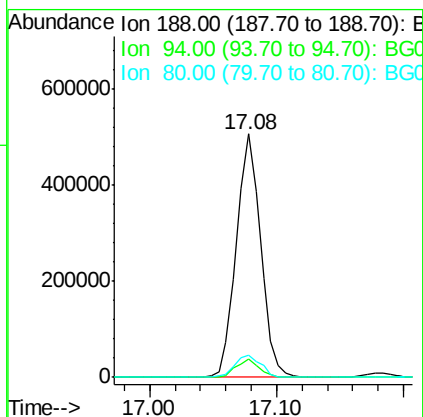
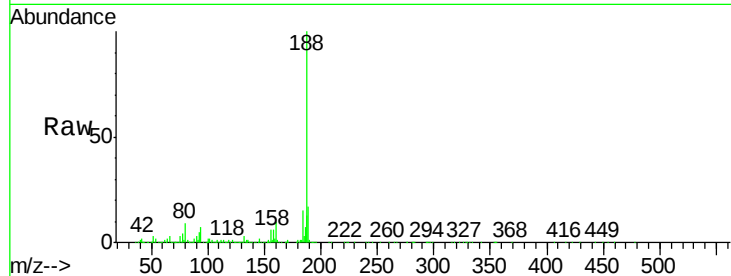




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BG015954.D
Acq: 27 Jan 2015 20:50

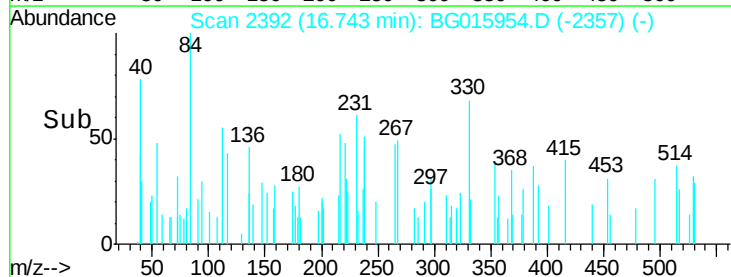
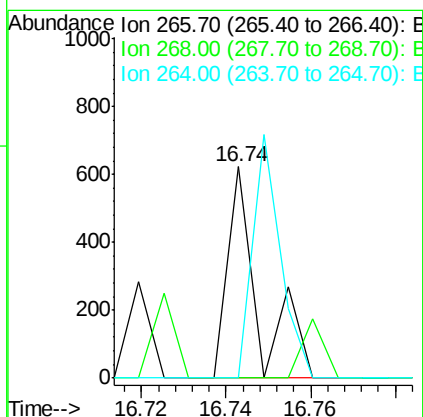
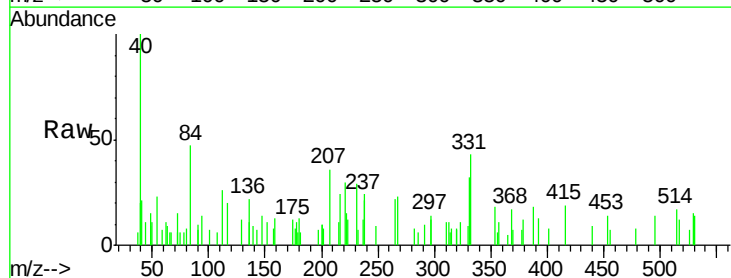
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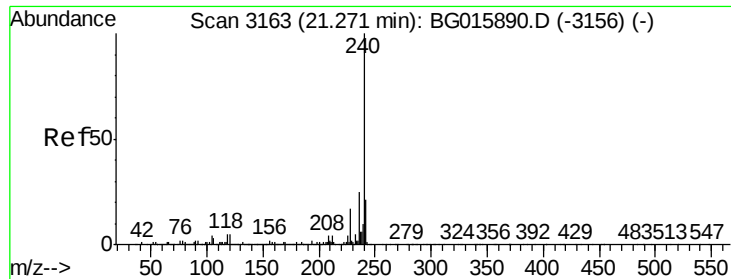
Tgt Ion:188 Resp: 671438
Ion Ratio Lower Upper
188 100
94 7.3 7.8 11.8#
80 8.9 10.6 16.0#



#69
Pentachlorophenol
Concen: 5.29 ng
RT: 16.74 min Scan# 2392
Delta R.T. 0.01 min
Lab File: BG015954.D
Acq: 27 Jan 2015 20:50

Tgt Ion:266 Resp: 313
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. -0.00 min

Lab File: BG015954.D

Acq: 27 Jan 2015 20:50

Instrument :

BNA_G

ClientSampleId :

WC-04

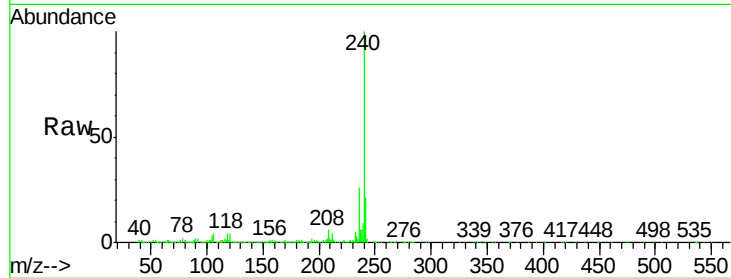
Tgt Ion:240 Resp: 1007976

Ion Ratio Lower Upper

240 100

120 4.0 3.9 5.9

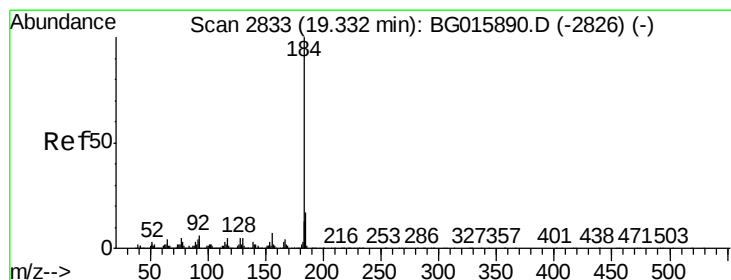
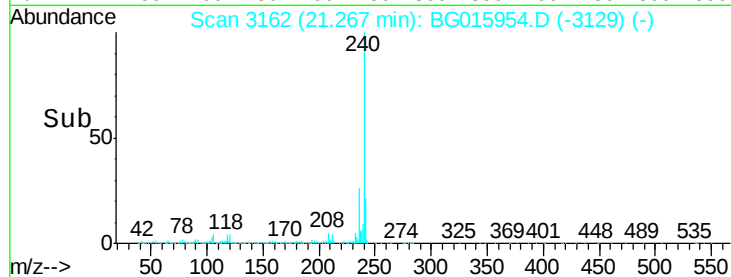
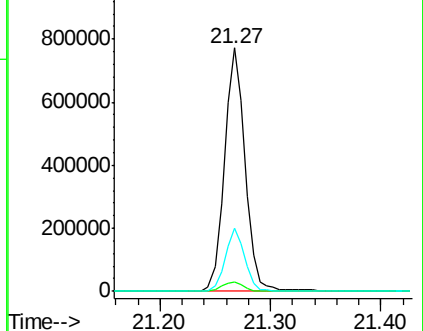
236 26.1 20.0 30.0



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



#76

Benzidine

Concen: 2.00 ng

RT: 19.34 min Scan# 2834

Delta R.T. 0.01 min

Lab File: BG015954.D

Acq: 27 Jan 2015 20:50

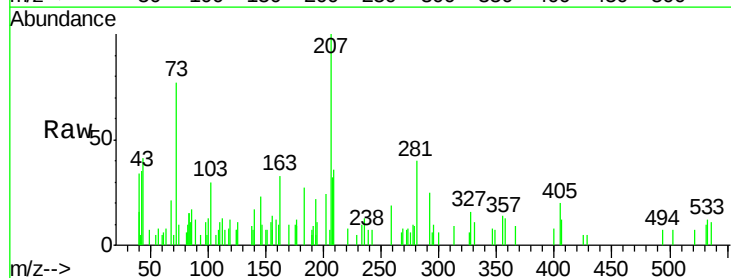
Tgt Ion:184 Resp: 315

Ion Ratio Lower Upper

184 100

185 0.0 13.3 19.9#

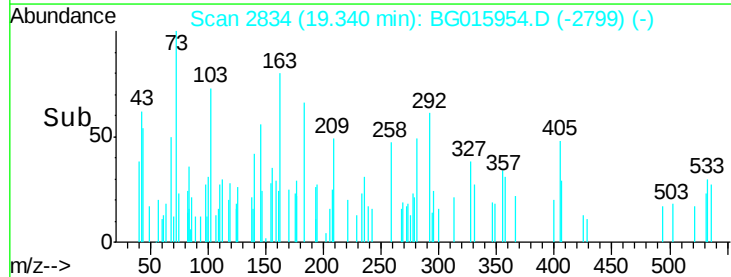
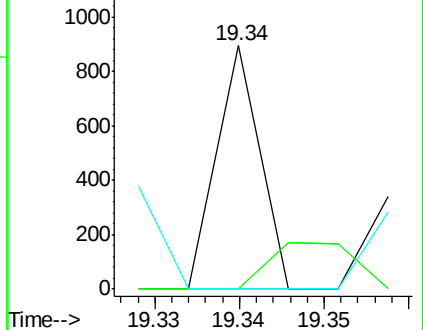
183 0.0 10.1 15.1#

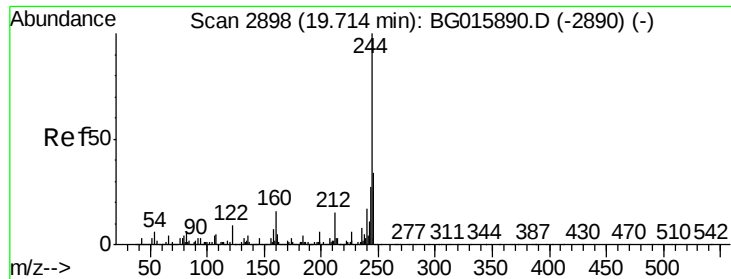


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 102.83 ng

RT: 19.72 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG015954.D

Acq: 27 Jan 2015 20:50

Instrument :

BNA_G

ClientSampleId :

WC-04

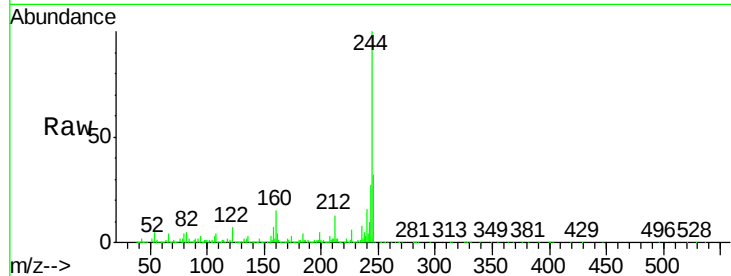
Tgt Ion:244 Resp: 3372554

Ion Ratio Lower Upper

244 100

212 12.8 11.6 17.4

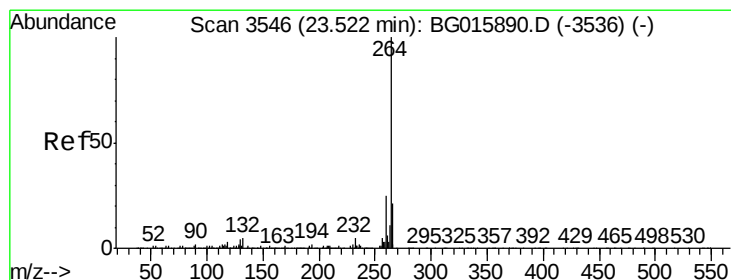
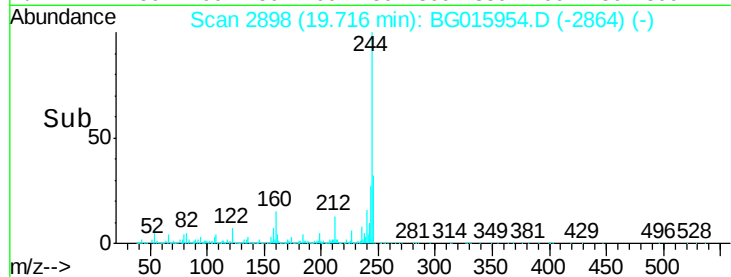
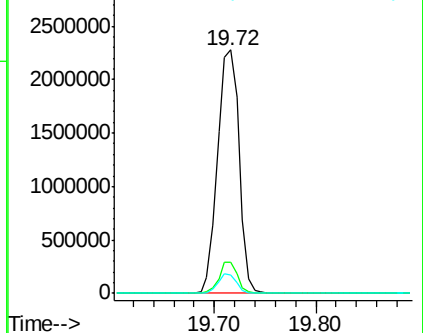
122 7.3 7.0 10.4



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: BG015954.D

Acq: 27 Jan 2015 20:50

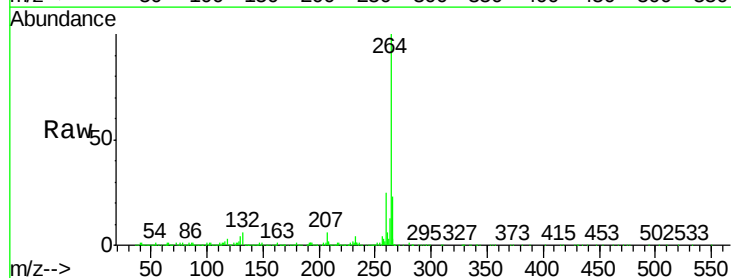
Tgt Ion:264 Resp: 887192

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

265 23.3 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

