

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015949.D
 Acq On : 27 Jan 2015 15:30
 Operator : TP/IZ
 Sample : G1121-13
 Misc : W
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBOE-TW1

Quant Time: Jan 28 00:03:26 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

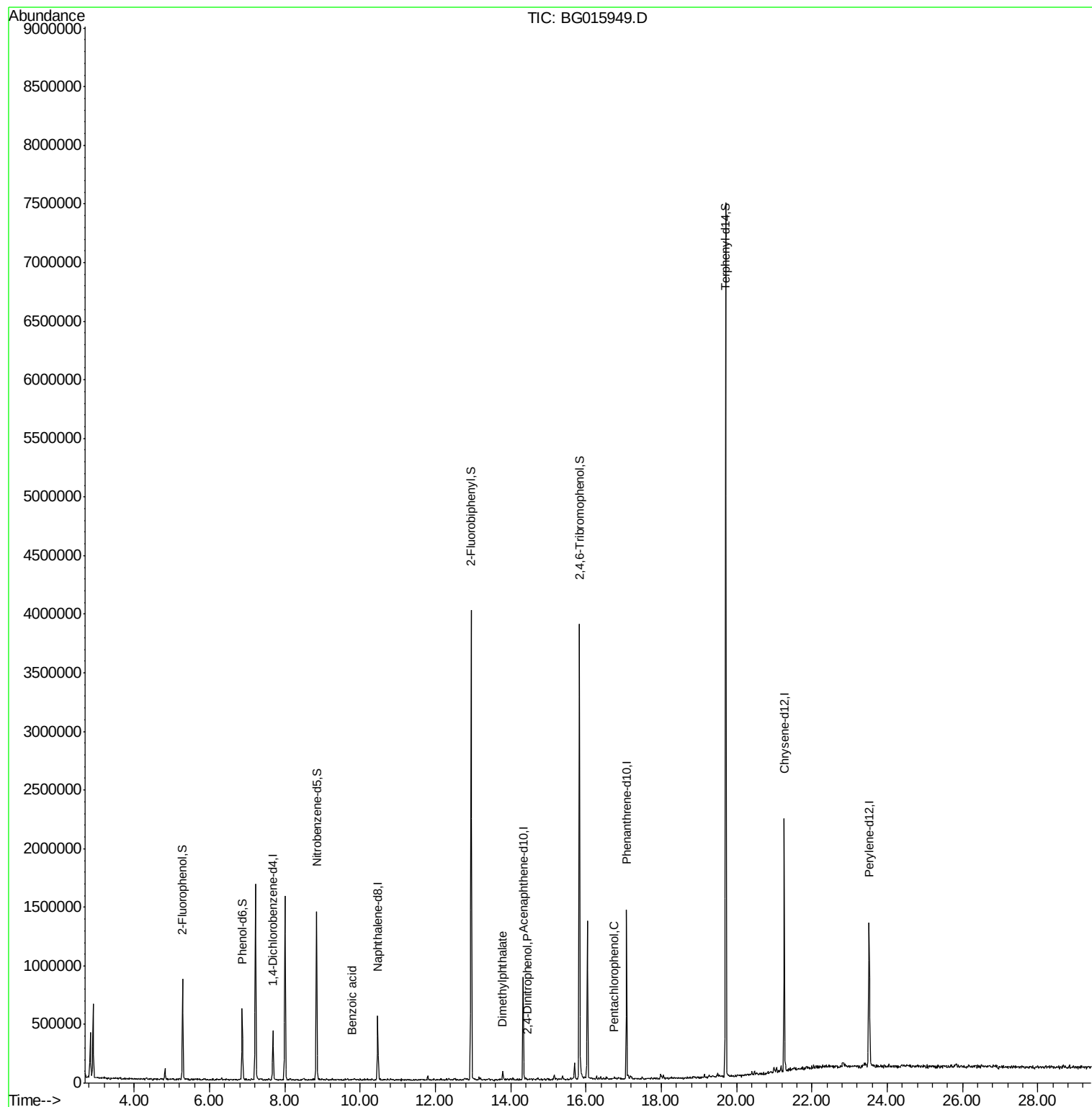
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	85145	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	328599	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	265549	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	742819	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1045103	20.00	ng	0.00
86) Perylene-d12	23.52	264	990633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	290469	50.80	ng	0.00
7) Phenol-d6	6.87	99	292447	31.74	ng	0.00
23) Nitrobenzene-d5	8.85	82	862218	75.64	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	689815	141.90	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1689811	99.84	ng	0.00
78) Terphenyl-d14	19.71	244	2989518	79.55	ng	0.00
Target Compounds						
32) Benzoic acid	9.78	122	107	10.32	ng	# 56
49) Dimethylphthalate	13.79	163	42352	2.22	ng	# 95
53) 2,4-Dinitrophenol	14.44	184	122	4.55	ng	# 10
69) Pentachlorophenol	16.75	266	2086	5.64	ng	# 47

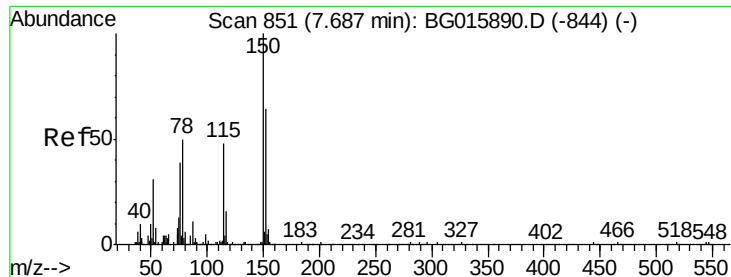
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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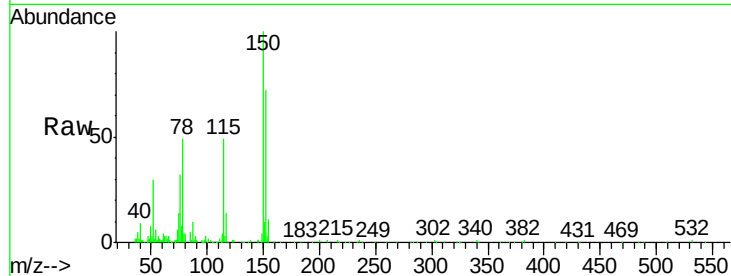


#1

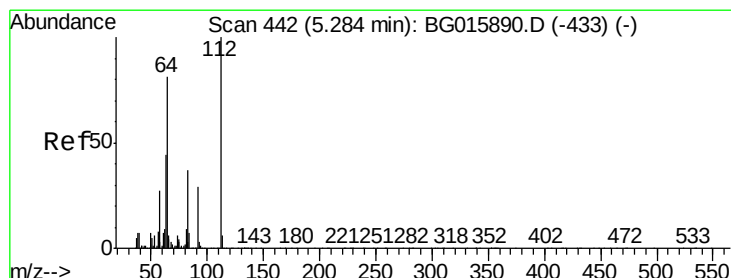
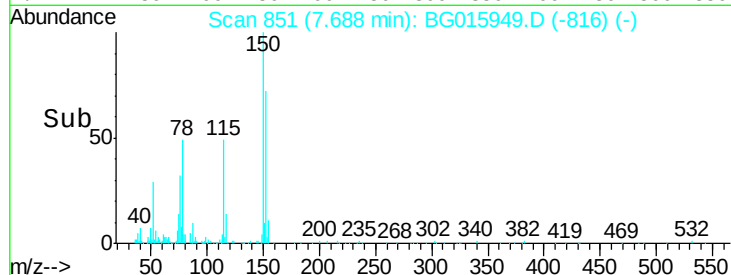
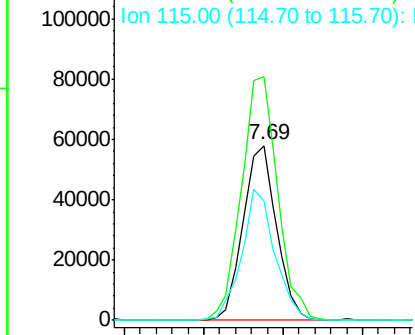
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 851
Delta R.T. 0.01 min
Lab File: BG015949.D
Acq: 27 Jan 2015 15:30

Instrument :
BNA_G
ClientSampleId :
RBOE-TW1

Tgt Ion:152 Resp: 85145
Ion Ratio Lower Upper
152 100
150 139.2 124.5 186.7
115 68.6 60.4 90.6



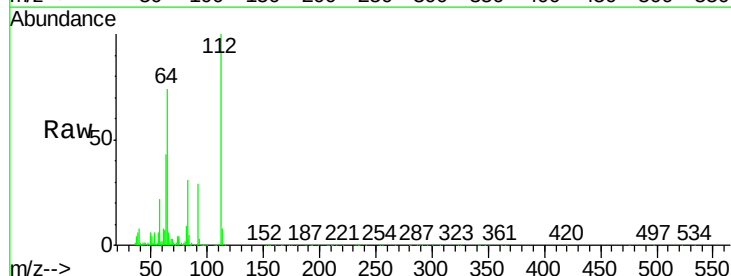
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



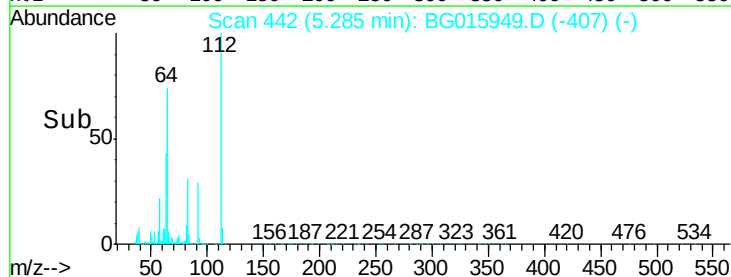
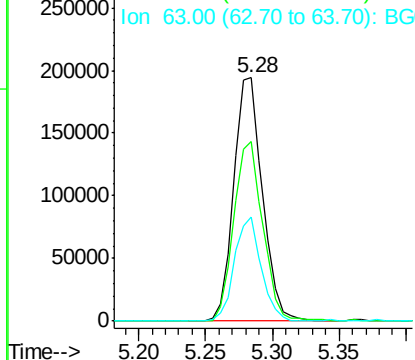
#5

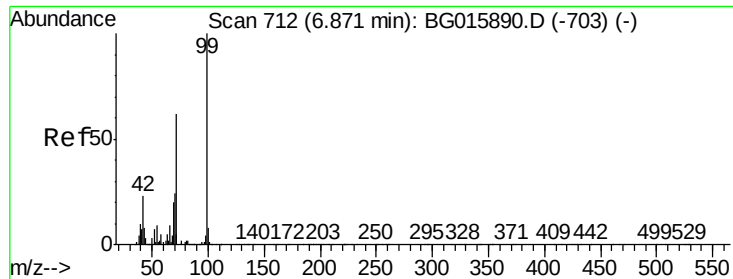
2-Fluorophenol
Concen: 50.80 ng
RT: 5.28 min Scan# 442
Delta R.T. 0.01 min
Lab File: BG015949.D
Acq: 27 Jan 2015 15:30

Tgt Ion:112 Resp: 290469
Ion Ratio Lower Upper
112 100
64 73.7 64.4 96.6
63 42.6 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: 31.74 ng

RT: 6.87 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG015949.D

Acq: 27 Jan 2015 15:30

Instrument :

BNA_G

ClientSampleId :

RBOE-TW1

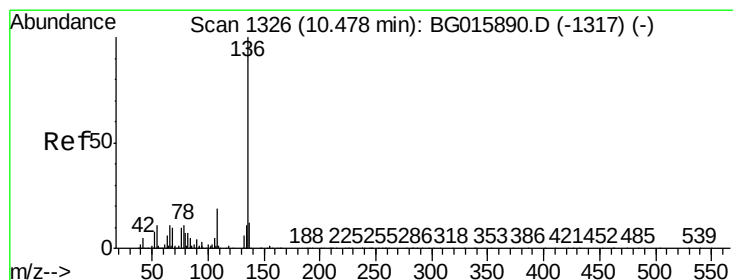
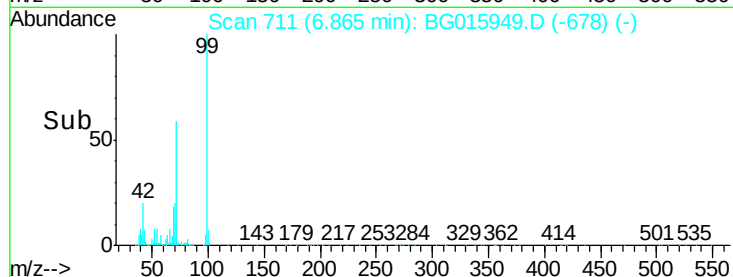
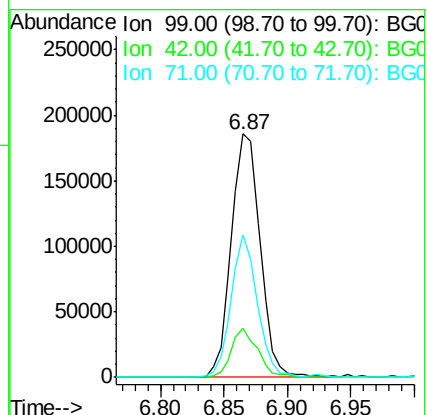
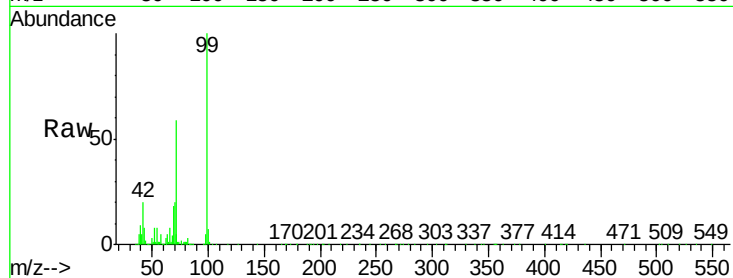
Tgt Ion: 99 Resp: 292447

Ion Ratio Lower Upper

99 100

42 20.1 18.1 27.1

71 58.8 49.8 74.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG015949.D

Acq: 27 Jan 2015 15:30

Tgt Ion: 136 Resp: 328599

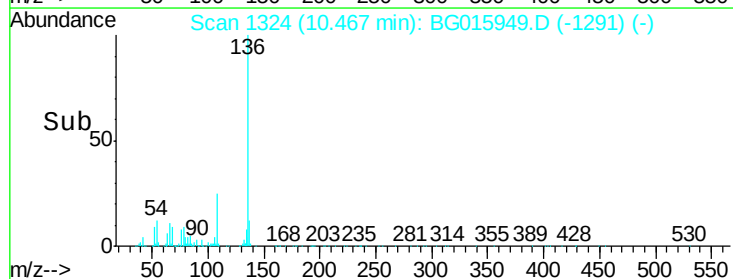
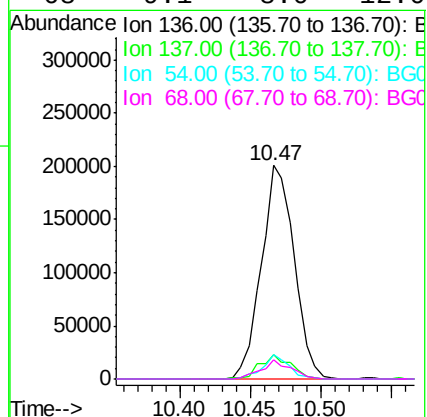
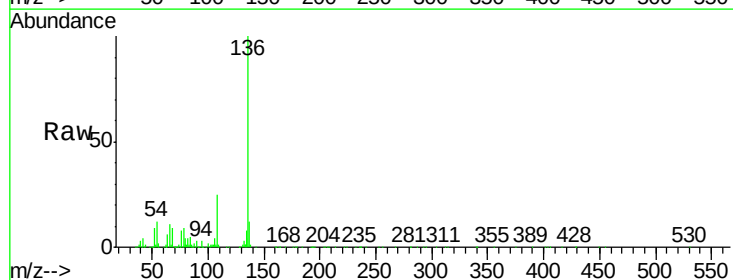
Ion Ratio Lower Upper

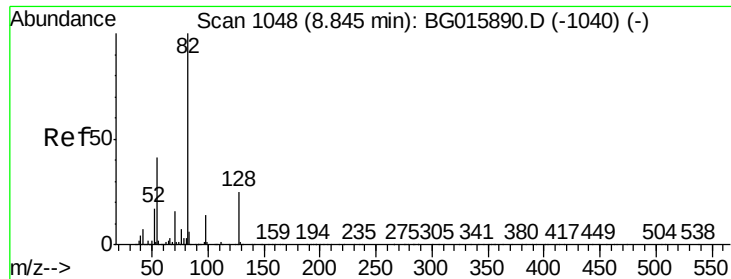
136 100

137 11.6 9.7 14.5

54 11.5 8.5 12.7

68 9.1 8.0 12.0

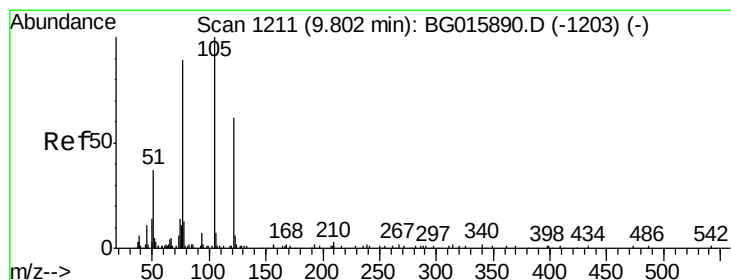
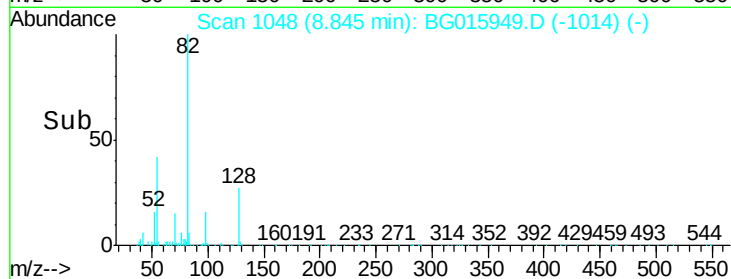
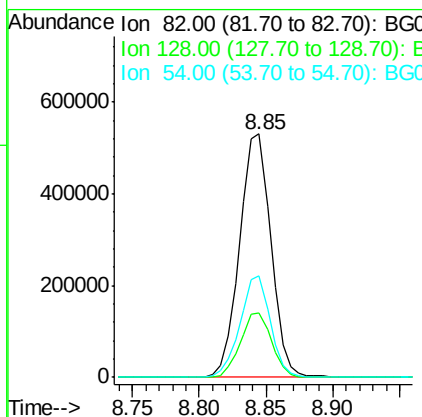
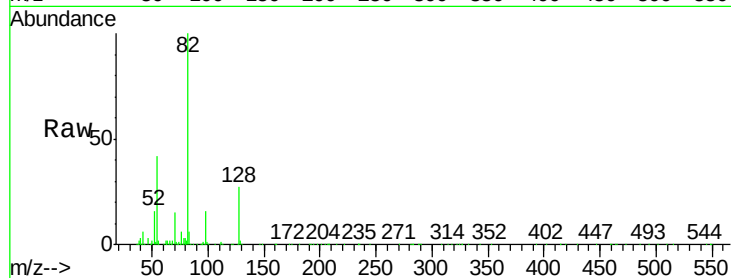




#23
 Nitrobenzene-d5
 Concen: 75.64 ng
 RT: 8.85 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG015949.D
 Acq: 27 Jan 2015 15:30

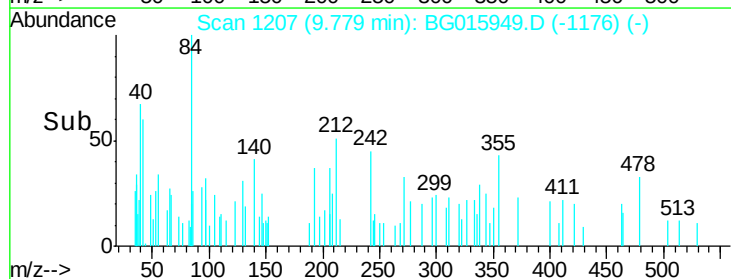
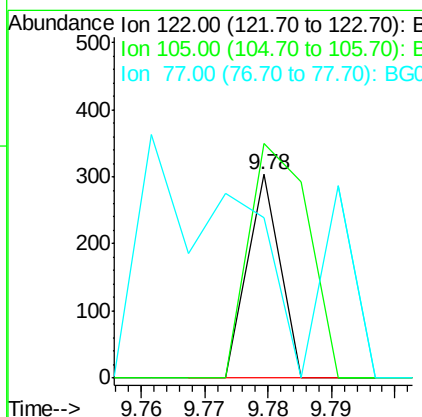
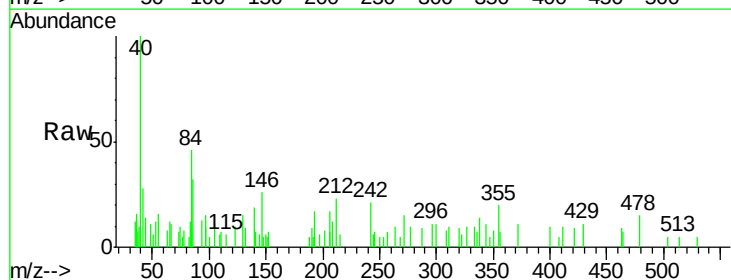
Instrument :
 BNA_G
 ClientSampleId :
 RBOE-TW1

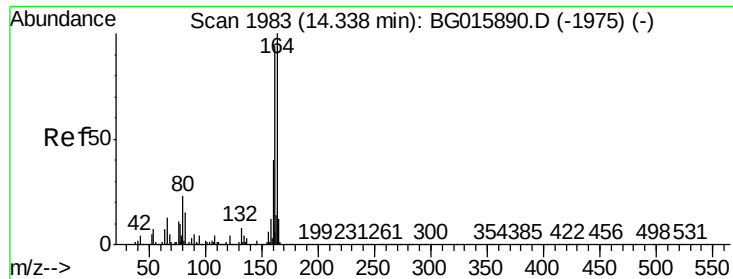
Tgt Ion	Ratio	Lower	Upper
82	100		
128	26.6	19.8	29.8
54	41.6	33.0	49.4



#32
 Benzoic acid
 Concen: 10.32 ng
 RT: 9.78 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BG015949.D
 Acq: 27 Jan 2015 15:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.2	140.2	180.2#
77	78.9	126.4	166.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG015949.D

Acq: 27 Jan 2015 15:30

Instrument :

BNA_G

ClientSampleId :

RBOE-TW1

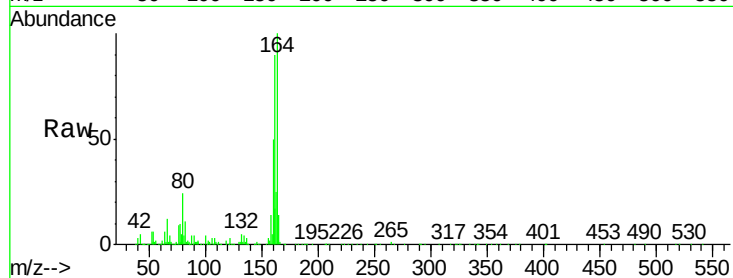
Tgt Ion:164 Resp: 265549

Ion Ratio Lower Upper

164 100

162 89.9 75.1 112.7

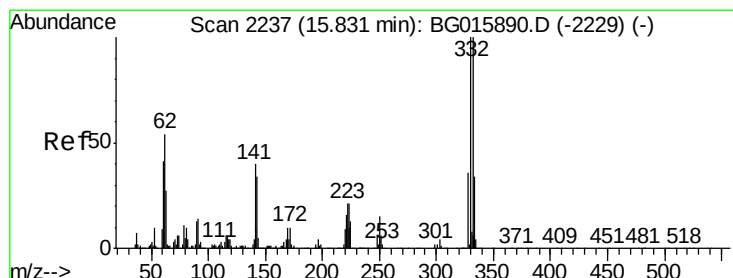
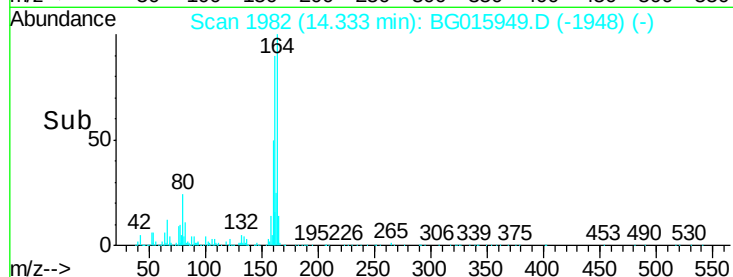
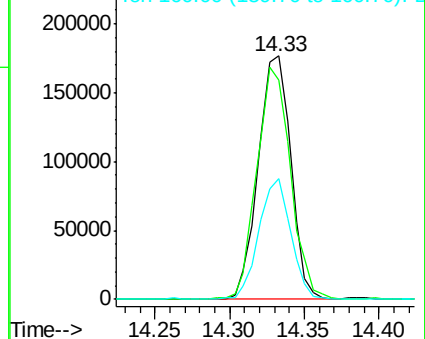
160 49.6 32.3 48.5#



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: 141.90 ng

RT: 15.83 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BG015949.D

Acq: 27 Jan 2015 15:30

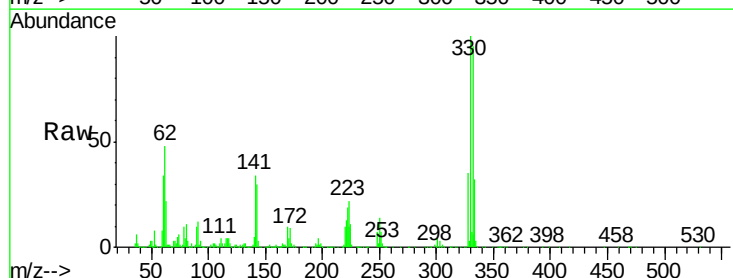
Tgt Ion:330 Resp: 689815

Ion Ratio Lower Upper

330 100

332 93.0 75.4 113.0

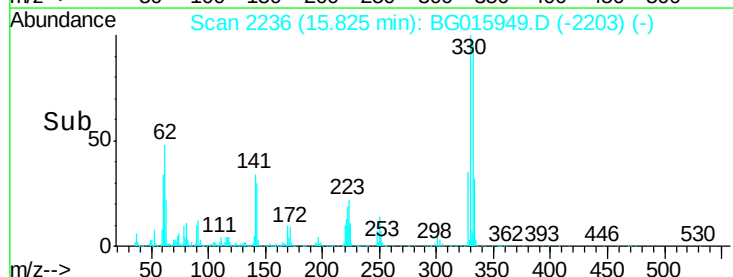
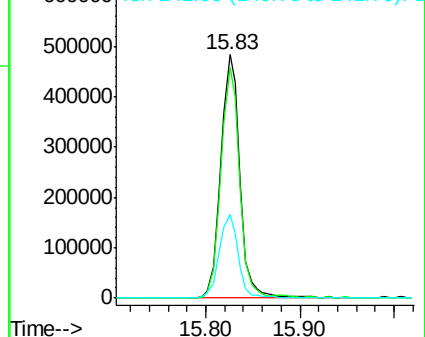
141 34.1 33.0 49.6

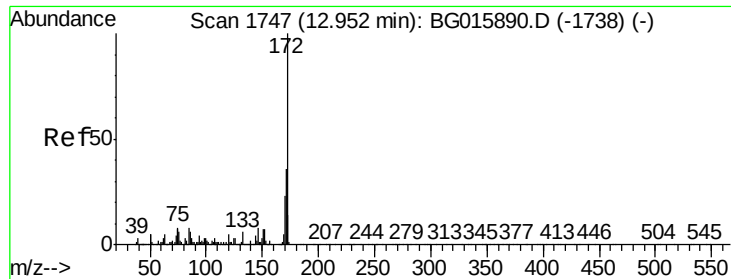


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

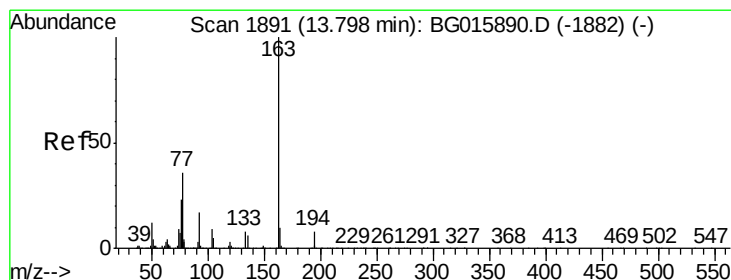
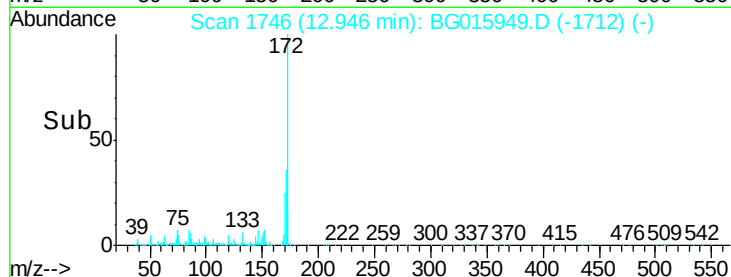
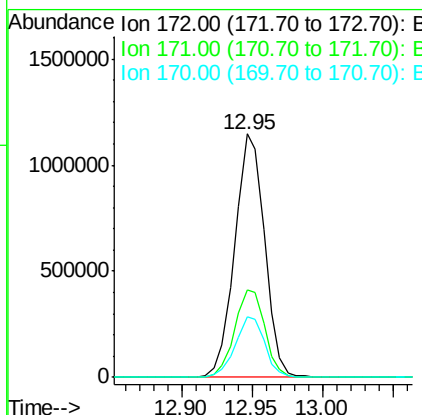
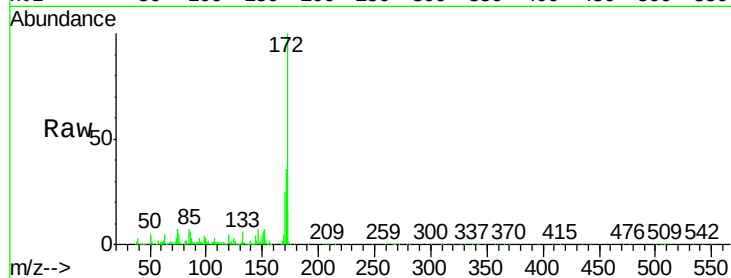




#44
2-Fluorobiphenyl
Concen: 99.84 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG015949.D
Acq: 27 Jan 2015 15:30

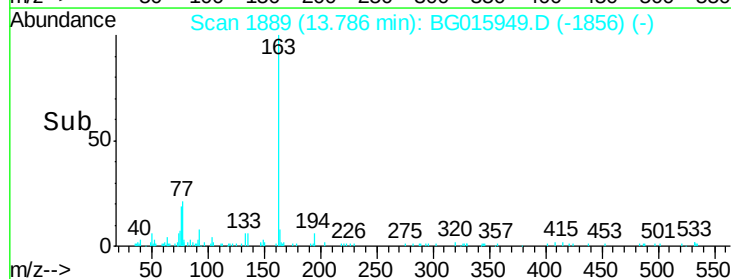
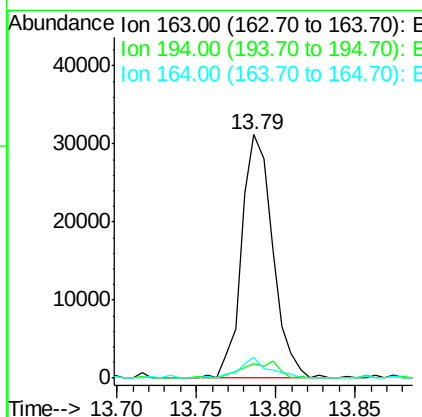
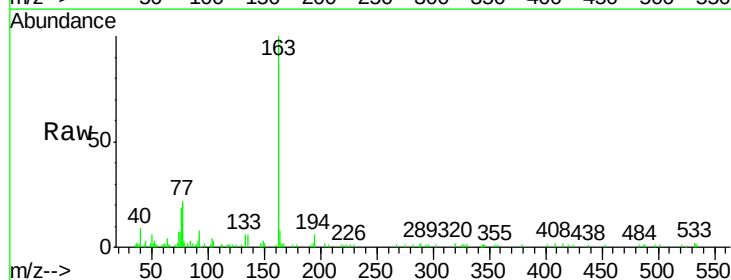
Instrument :
BNA_G
ClientSampleId :
RBOE-TW1

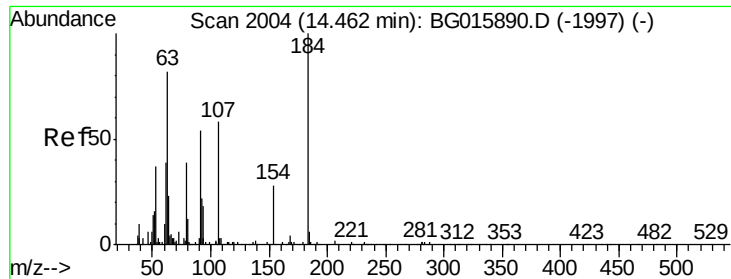
Tgt Ion:172 Resp: 1689811
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 25.1 18.6 27.8



#49
Dimethylphthalate
Concen: 2.22 ng
RT: 13.79 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG015949.D
Acq: 27 Jan 2015 15:30

Tgt Ion:163 Resp: 42352
Ion Ratio Lower Upper
163 100
194 5.9 6.2 9.4#
164 8.4 8.0 12.0

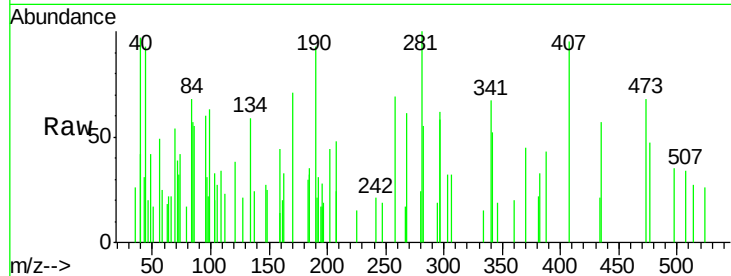




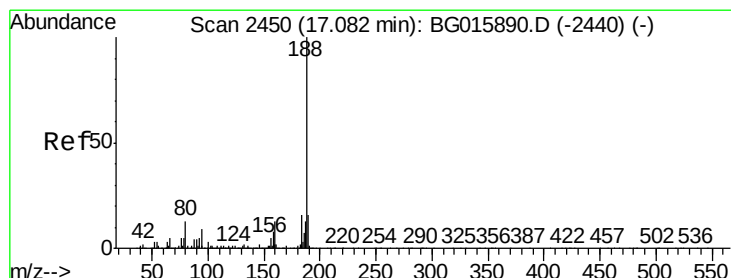
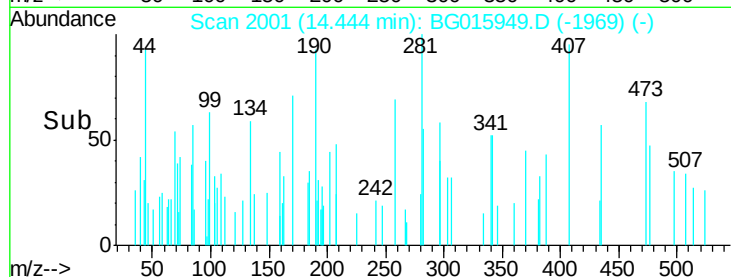
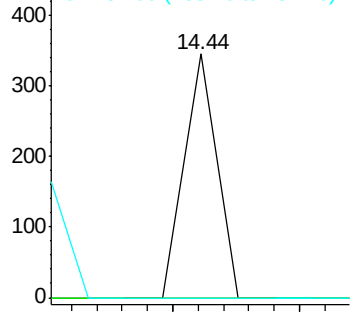
#53
2,4-Dinitrophenol
Concen: 4.55 ng
RT: 14.44 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG015949.D
Acq: 27 Jan 2015 15:30

Instrument :
BNA_G
ClientSampleId :
RBOE-TW1

Tgt Ion:184 Resp: 122
Ion Ratio Lower Upper
184 100
63 0.0 68.6 103.0#
154 0.0 54.9 82.3#

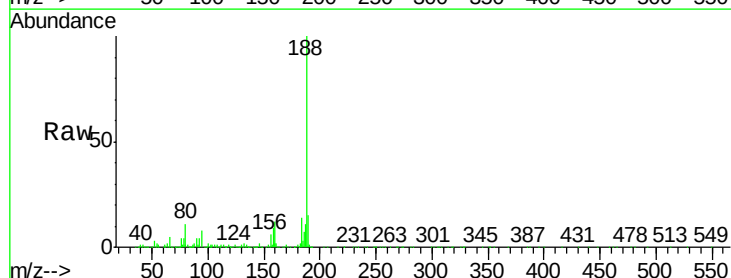


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

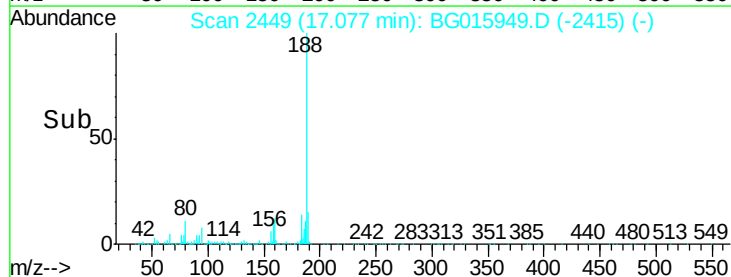
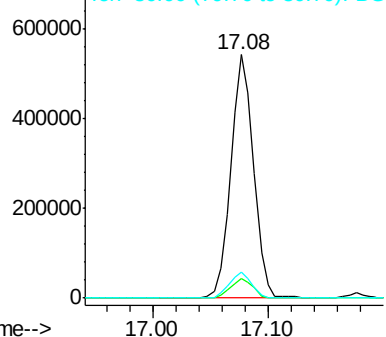


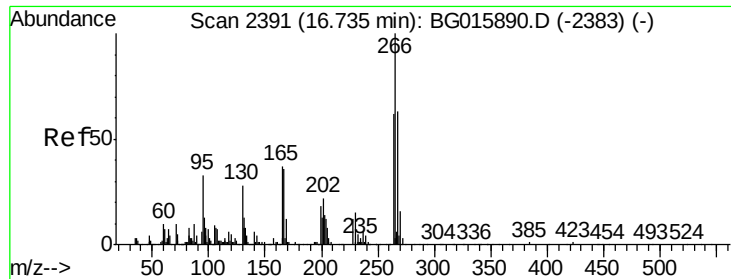
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG015949.D
Acq: 27 Jan 2015 15:30

Tgt Ion:188 Resp: 742819
Ion Ratio Lower Upper
188 100
94 8.1 7.8 11.8
80 10.6 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: 5.64 ng

RT: 16.75 min Scan# 2394

Delta R.T. 0.02 min

Lab File: BG015949.D

Acq: 27 Jan 2015 15:30

Instrument :

BNA_G

ClientSampleId :

RBOE-TW1

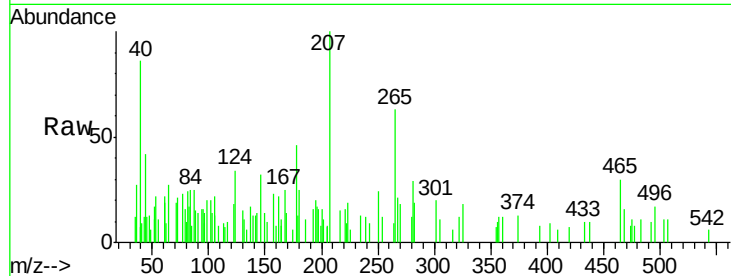
Tgt Ion:266 Resp: 2086

Ion Ratio Lower Upper

266 100

268 32.9 53.5 80.3#

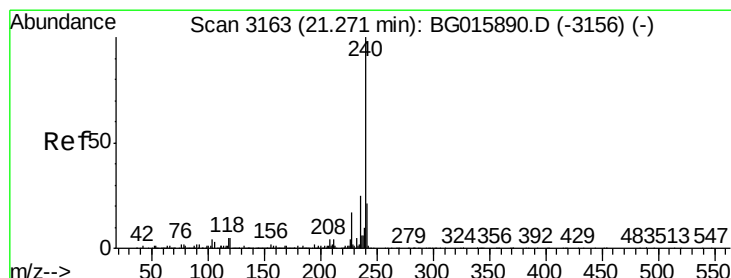
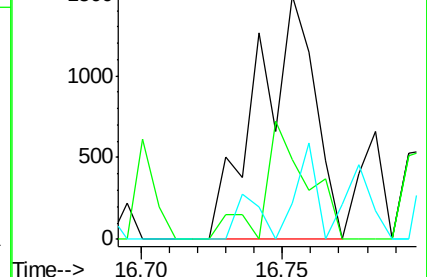
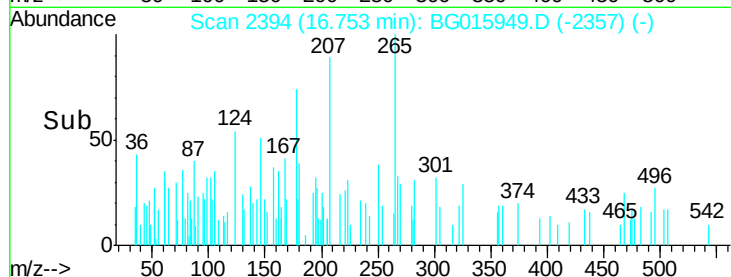
264 15.0 51.9 77.9#



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: 21.27 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG015949.D

Acq: 27 Jan 2015 15:30

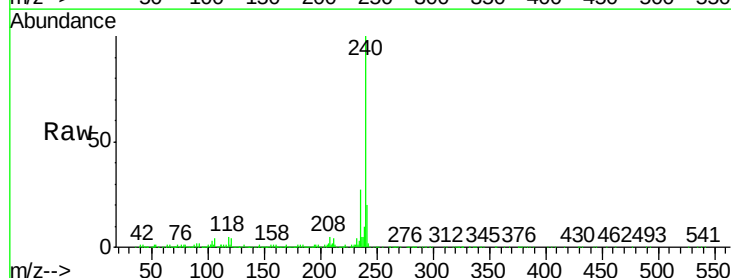
Tgt Ion:240 Resp: 1045103

Ion Ratio Lower Upper

240 100

120 4.1 3.9 5.9

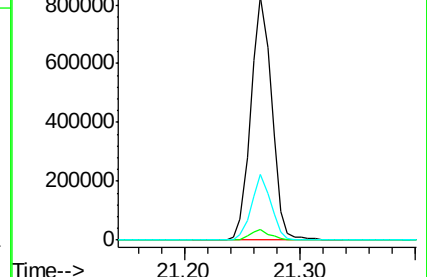
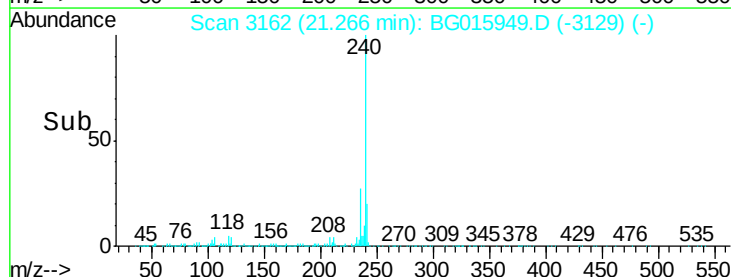
236 26.8 20.0 30.0

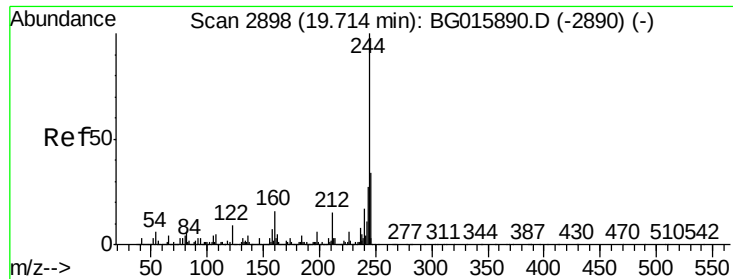


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.55 ng

RT: 19.71 min Scan# 2898

Delta R.T. -0.00 min

Lab File: BG015949.D

Acq: 27 Jan 2015 15:30

Instrument :

BNA_G

ClientSampleId :

RBOE-TW1

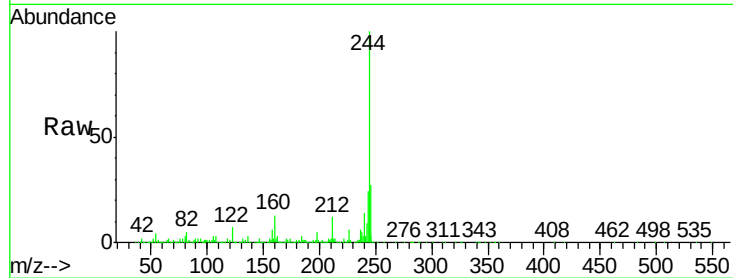
Tgt Ion:244 Resp: 2989518

Ion Ratio Lower Upper

244 100

212 12.3 11.6 17.4

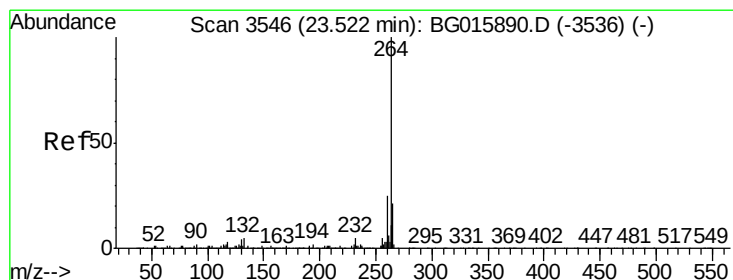
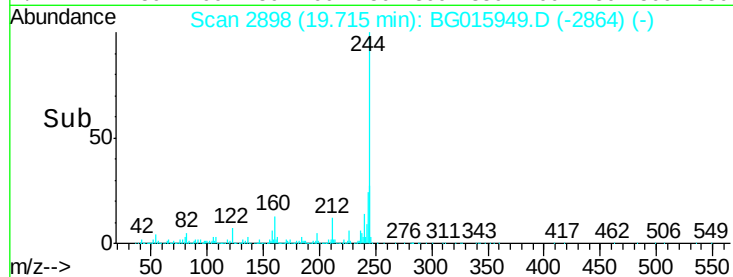
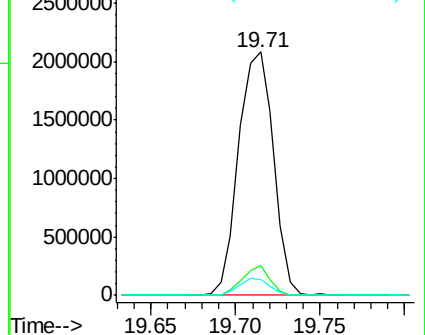
122 6.5 7.0 10.4#



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: BG015949.D

Acq: 27 Jan 2015 15:30

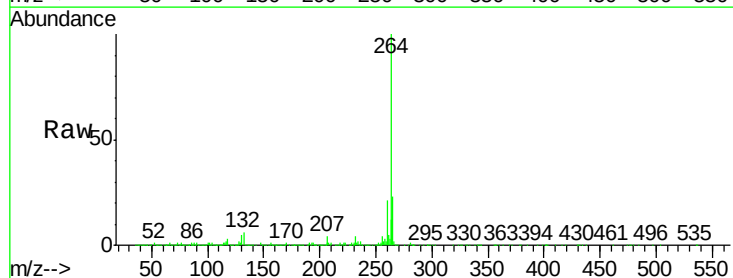
Tgt Ion:264 Resp: 990633

Ion Ratio Lower Upper

264 100

260 21.1 19.7 29.5

265 22.8 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

