

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012015\
 Data File : BG015898.D
 Acq On : 20 Jan 2015 19:18
 Operator : TP/IZ
 Sample : PB81364BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB81364BL

Quant Time: Jan 21 12:41:25 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

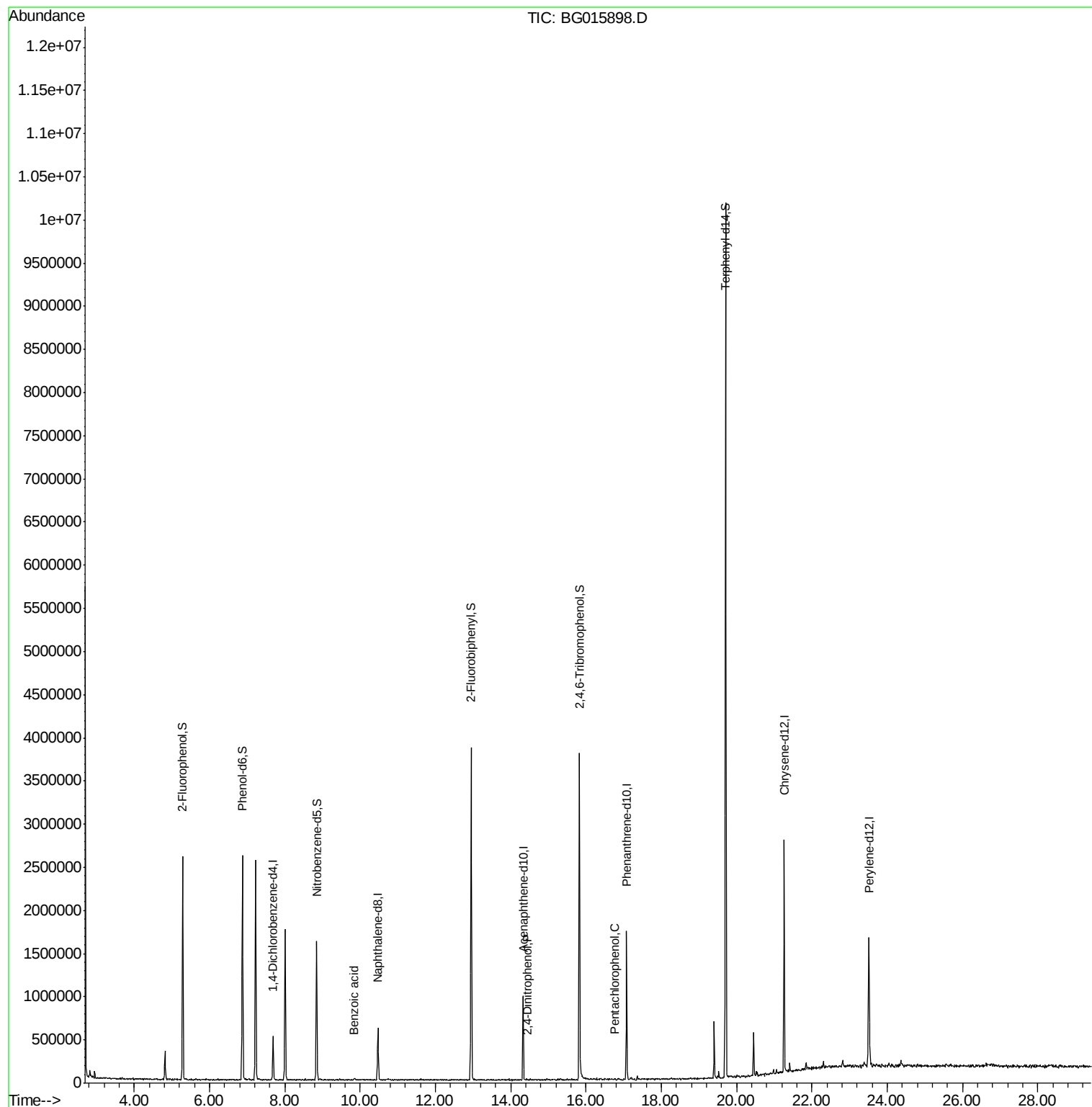
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	90164	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	365501	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	301949	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	841084	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1327406	20.00	ng	0.00
86) Perylene-d12	23.52	264	1189352	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	766997	126.68	ng	0.00
7) Phenol-d6	6.87	99	1193852	122.36	ng	0.00
23) Nitrobenzene-d5	8.85	82	962123	75.88	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	628484	113.70	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1590178	82.63	ng	0.00
78) Terphenyl-d14	19.71	244	3622098	74.23	ng	0.00
Target Compounds						
32) Benzoic acid	9.83	122	167	10.35	ng	# 20
53) 2,4-Dinitrophenol	14.45	184	129	4.55	ng	# 10
69) Pentachlorophenol	16.75	266	173	5.26	ng	# 28
80) Benzo(a)anthracene	21.24	228	988	Below Cal		# 59

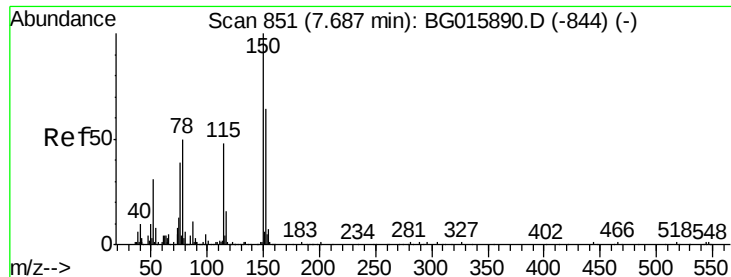
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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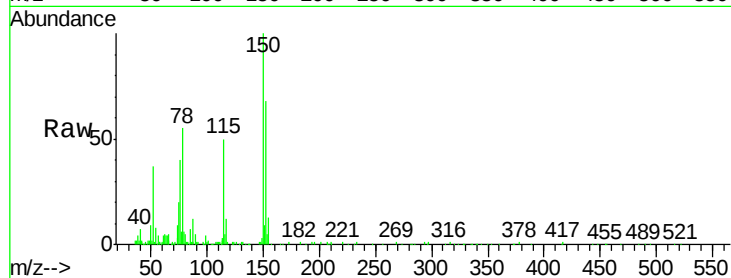


#1

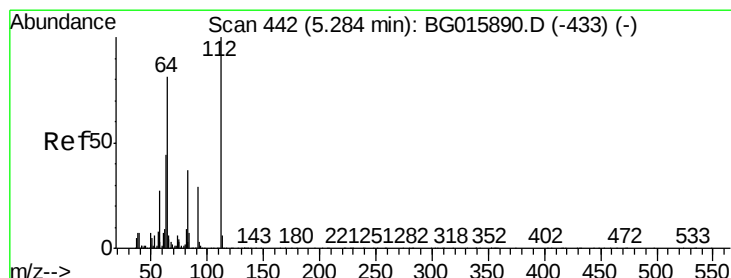
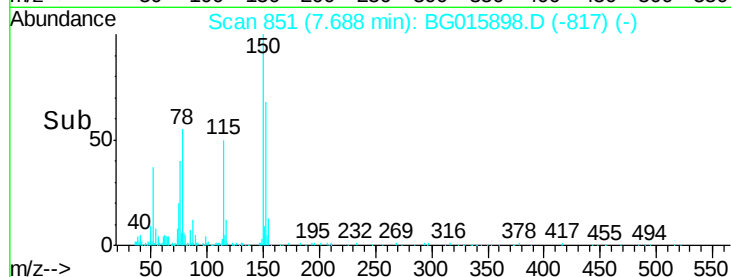
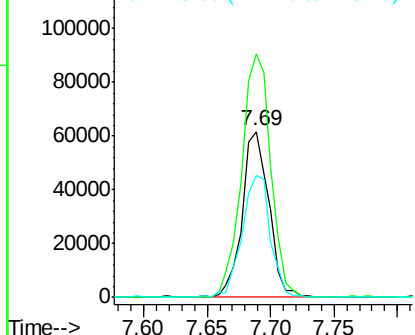
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 851
Delta R.T. 0.00 min
Lab File: BG015898.D
Acq: 20 Jan 2015 19:18

Instrument :
BNA_G
ClientSampleId :
PB81364BL

Tgt Ion:152 Resp: 90164
Ion Ratio Lower Upper
152 100
150 147.0 124.5 186.7
115 73.9 60.4 90.6



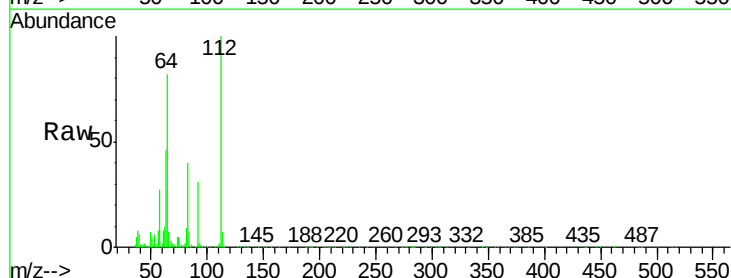
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



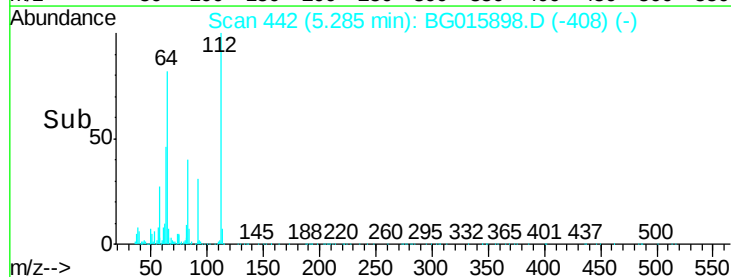
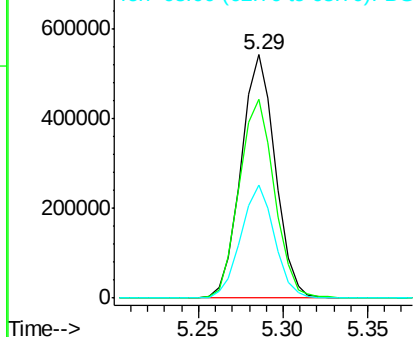
#5

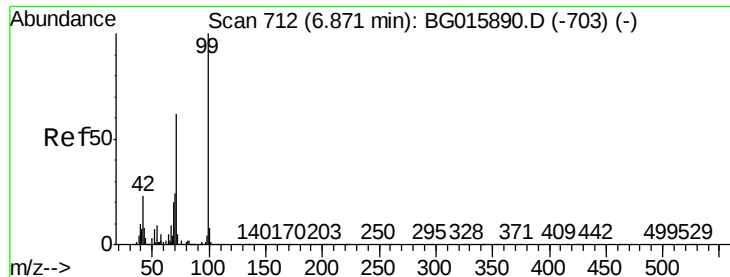
2-Fluorophenol
Concen: 126.68 ng
RT: 5.29 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG015898.D
Acq: 20 Jan 2015 19:18

Tgt Ion:112 Resp: 766997
Ion Ratio Lower Upper
112 100
64 81.7 64.4 96.6
63 46.4 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: 122.36 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015898.D

Acq: 20 Jan 2015 19:18

Instrument :

BNA_G

ClientSampleId :

PB81364BL

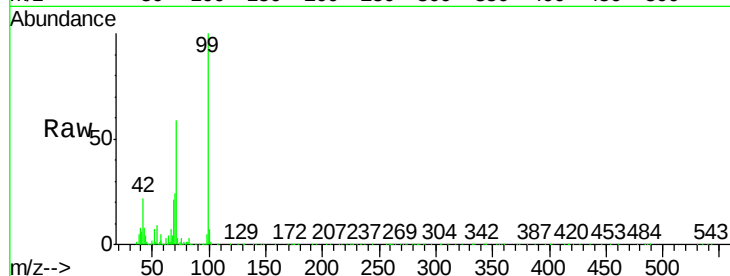
Tgt Ion: 99 Resp: 1193852

Ion Ratio Lower Upper

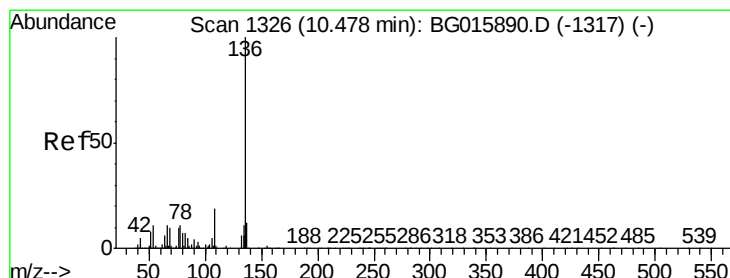
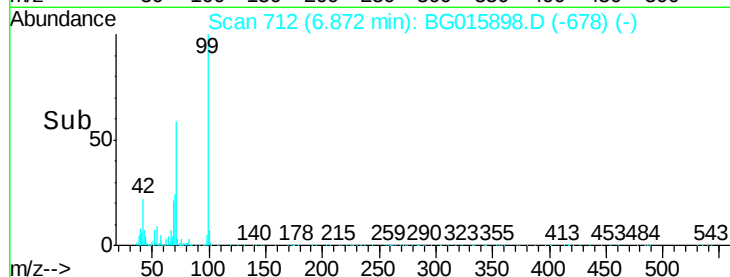
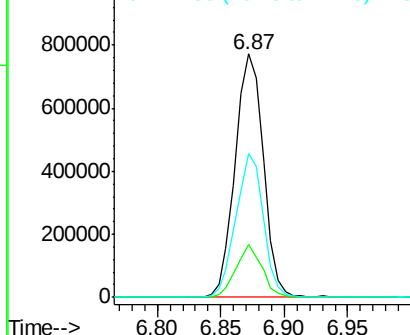
99 100

42 21.9 18.1 27.1

71 59.1 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: BG015898.D

Acq: 20 Jan 2015 19:18

Tgt Ion: 136 Resp: 365501

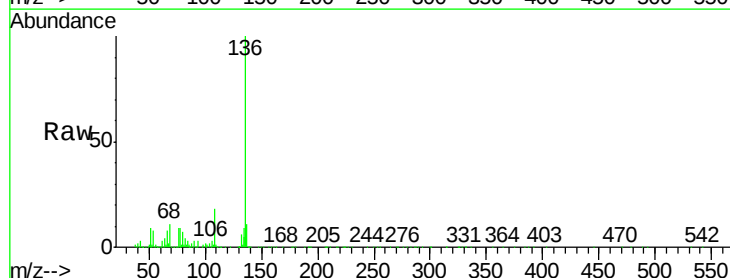
Ion Ratio Lower Upper

136 100

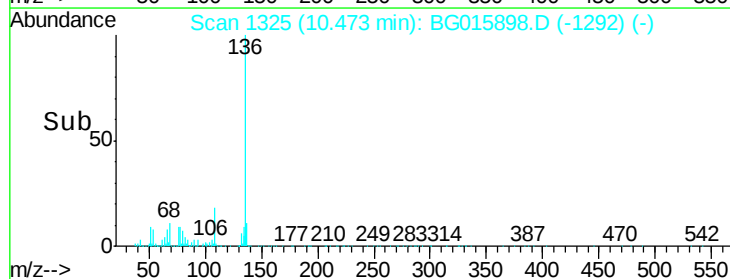
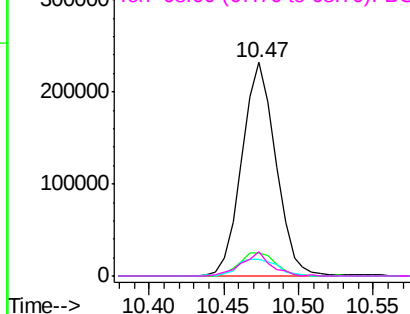
137 10.7 9.7 14.5

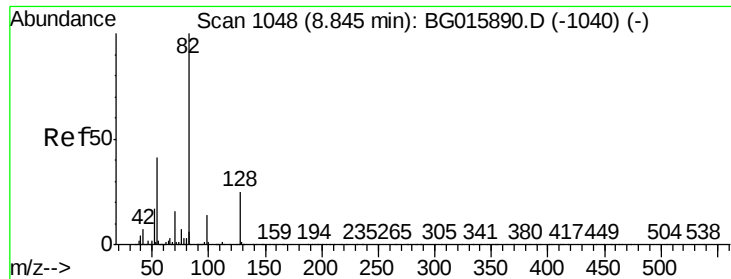
54 8.4 8.5 12.7#

68 11.2 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

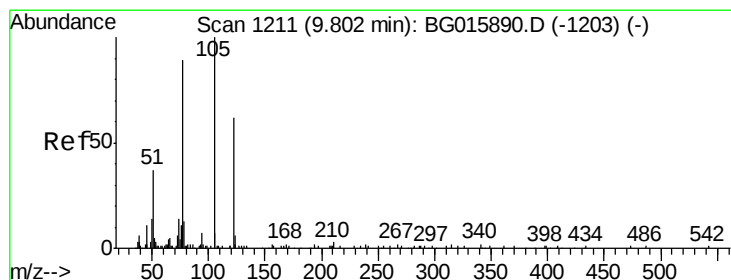
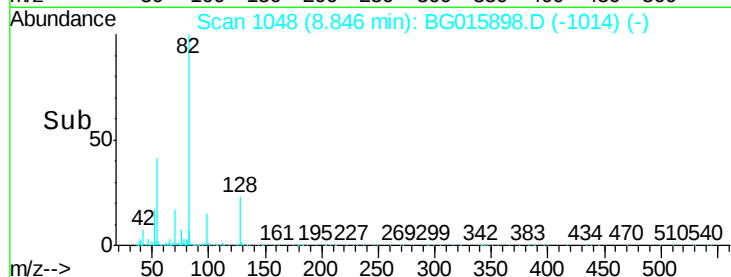
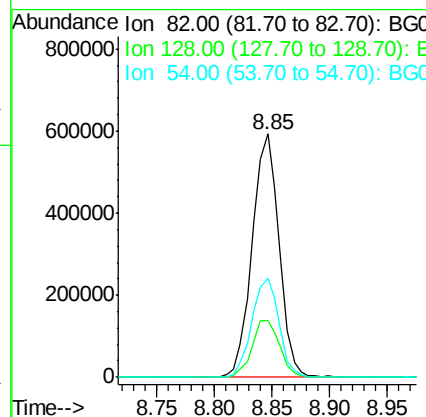
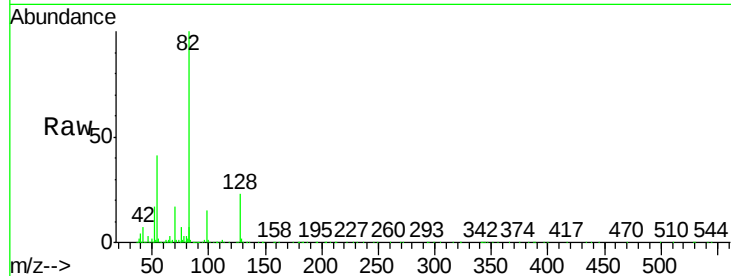




#23
Nitrobenzene-d5
Concen: 75.88 ng
RT: 8.85 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG015898.D
Acq: 20 Jan 2015 19:18

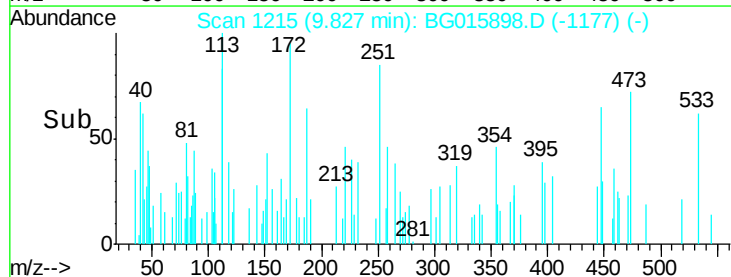
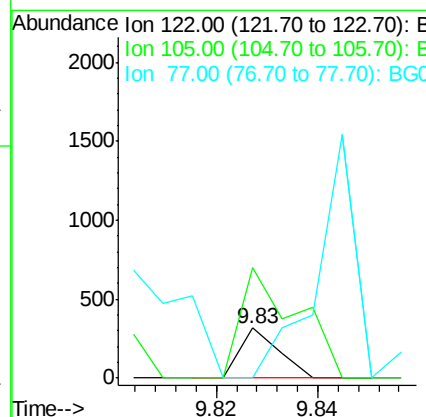
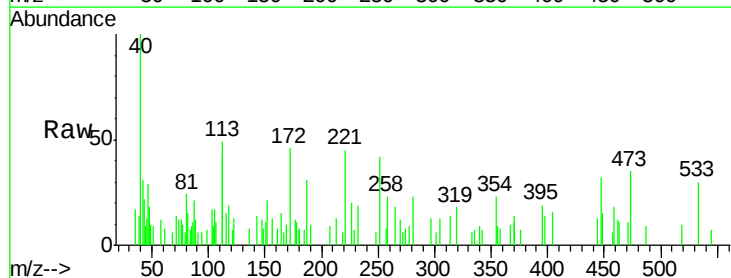
Instrument :
BNA_G
ClientSampleId :
PB81364BL

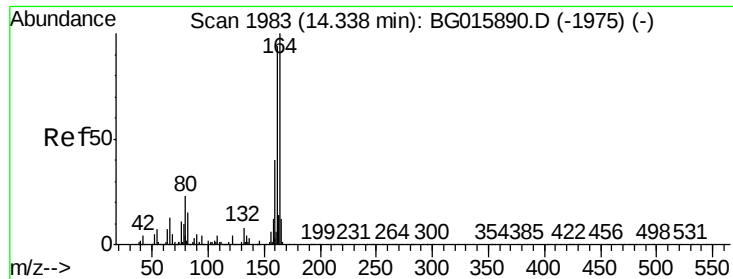
Tgt Ion	Ratio	Lower	Upper
82	100		
128	23.4	19.8	29.8
54	40.9	33.0	49.4



#32
Benzoic acid
Concen: 10.35 ng
RT: 9.83 min Scan# 1215
Delta R.T. 0.03 min
Lab File: BG015898.D
Acq: 20 Jan 2015 19:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	220.4	140.2	180.2#
77	0.0	126.4	166.4#

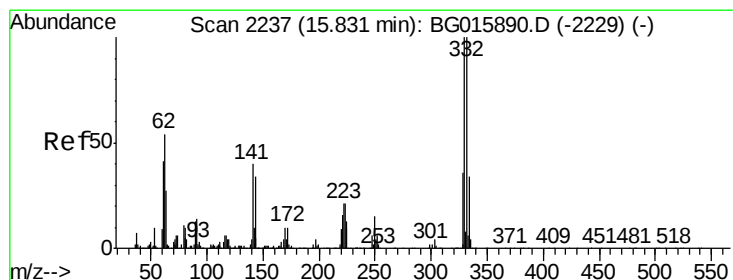
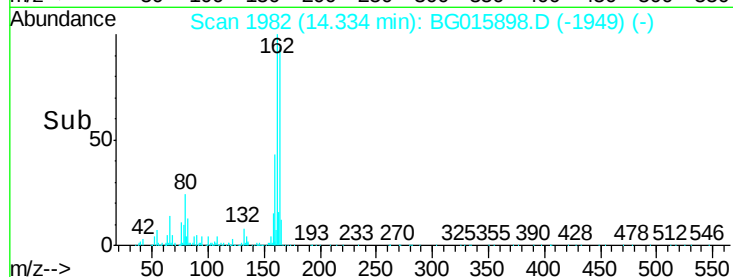
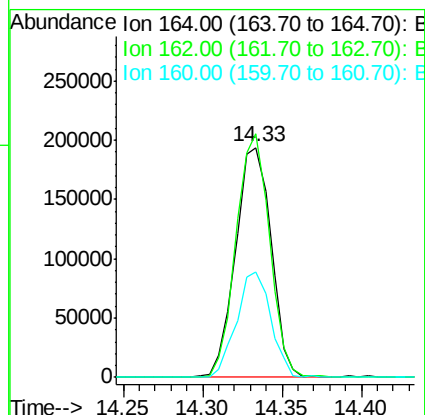
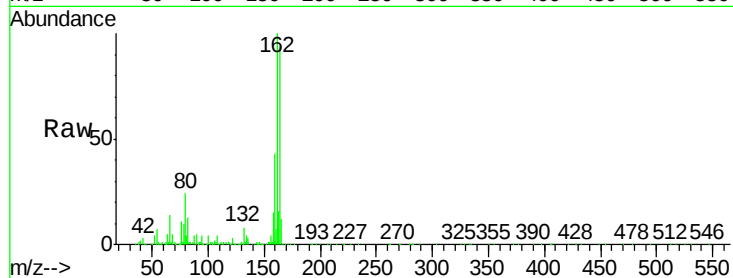




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG015898.D
Acq: 20 Jan 2015 19:18

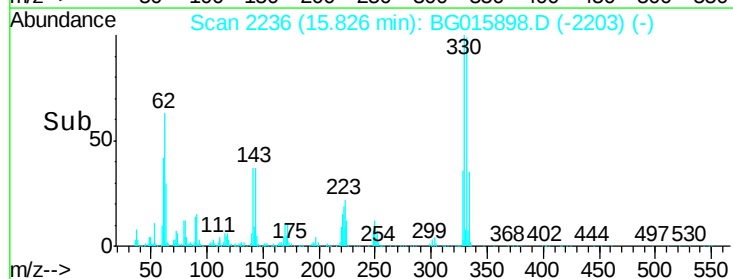
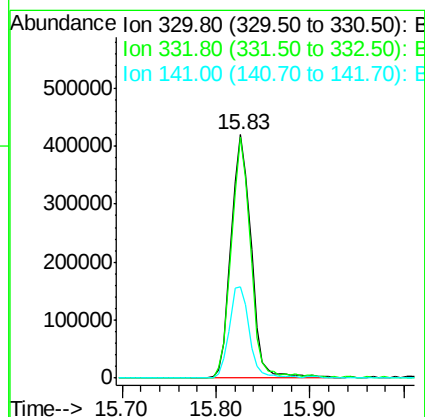
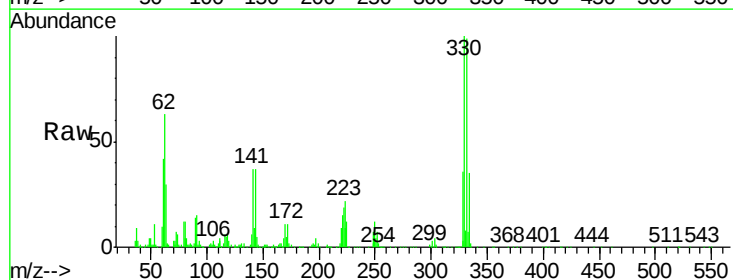
Instrument :
BNA_G
ClientSampleId :
PB81364BL

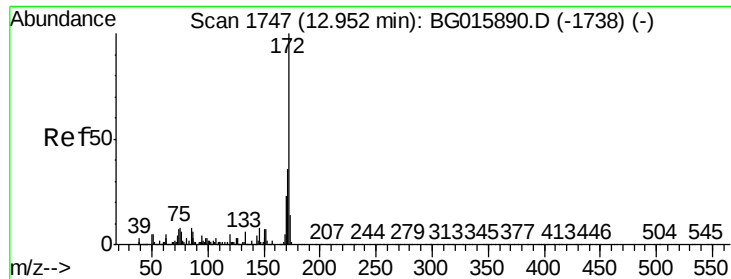
Tgt Ion:164 Resp: 301949
Ion Ratio Lower Upper
164 100
162 106.0 75.1 112.7
160 45.7 32.3 48.5



#41
2,4,6-Tribromophenol
Concen: 113.70 ng
RT: 15.83 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BG015898.D
Acq: 20 Jan 2015 19:18

Tgt Ion:330 Resp: 628484
Ion Ratio Lower Upper
330 100
332 94.5 75.4 113.0
141 36.8 33.0 49.6

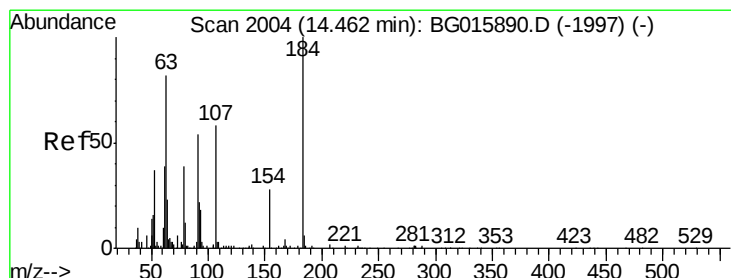
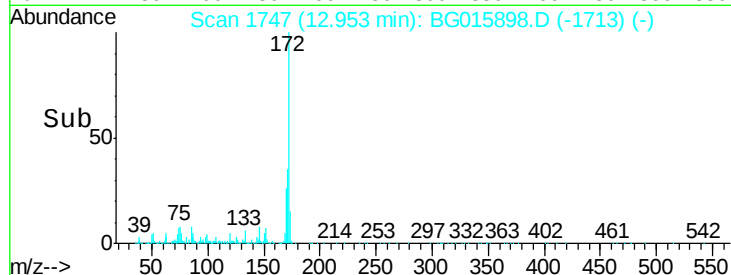
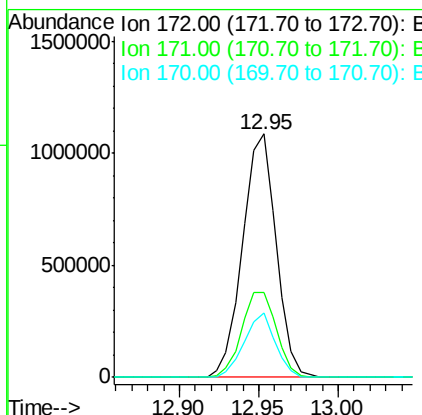
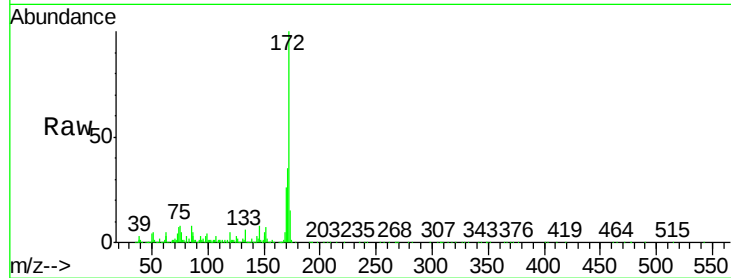




#44
2-Fluorobiphenyl
Concen: 82.63 ng
RT: 12.95 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BG015898.D
Acq: 20 Jan 2015 19:18

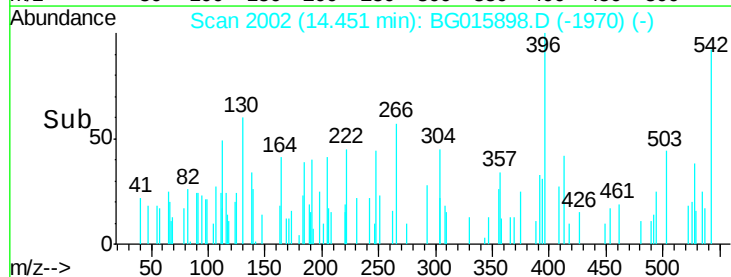
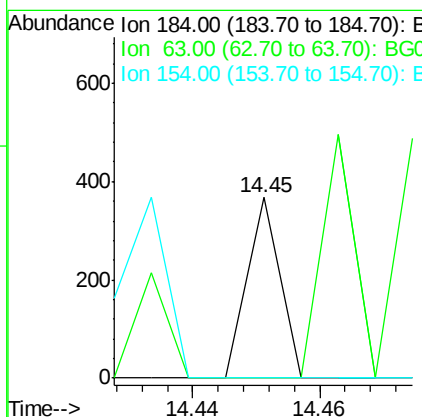
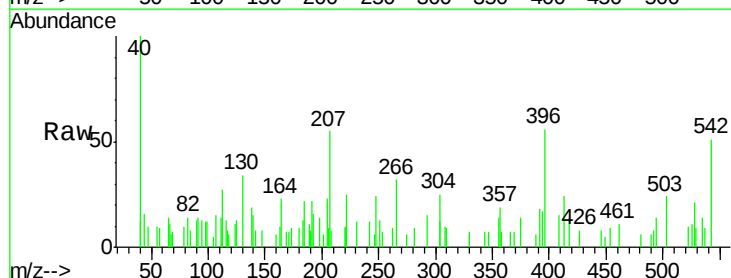
Instrument :
BNA_G
ClientSampleId :
PB81364BL

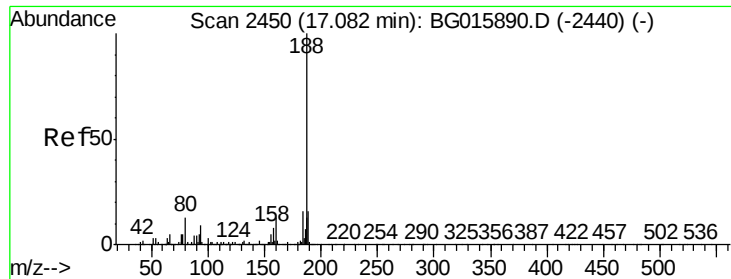
Tgt Ion:172 Resp: 1590178
Ion Ratio Lower Upper
172 100
171 35.1 29.2 43.8
170 26.3 18.6 27.8



#53
2,4-Dinitrophenol
Concen: 4.55 ng
RT: 14.45 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG015898.D
Acq: 20 Jan 2015 19:18

Tgt Ion:184 Resp: 129
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. -0.00 min

Lab File: BG015898.D

Acq: 20 Jan 2015 19:18

Instrument :

BNA_G

ClientSampleId :

PB81364BL

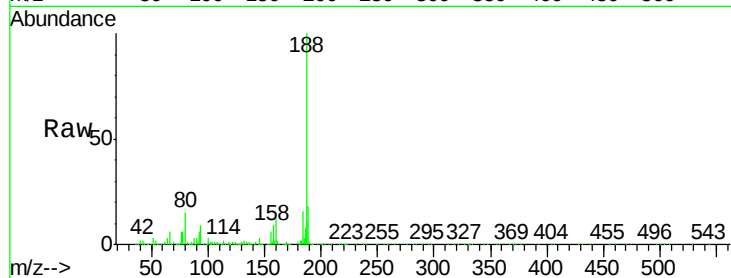
Tgt Ion:188 Resp: 841084

Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.8

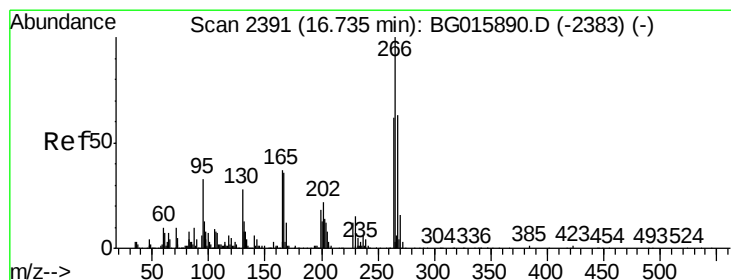
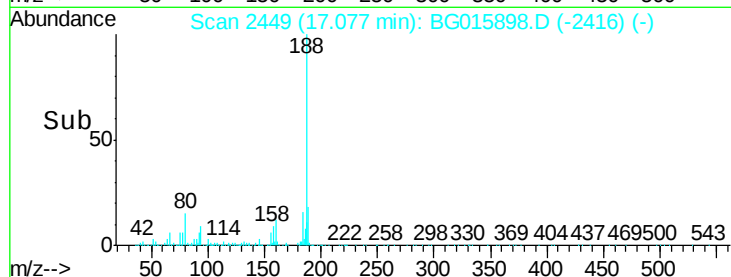
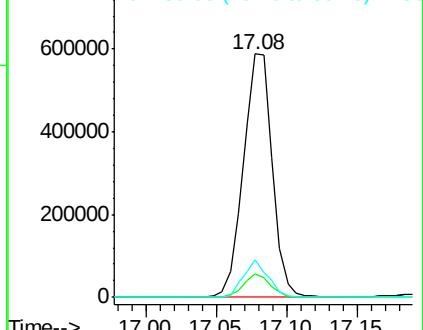
80 15.2 10.6 16.0



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: 16.75 min Scan# 2394

Delta R.T. 0.02 min

Lab File: BG015898.D

Acq: 20 Jan 2015 19:18

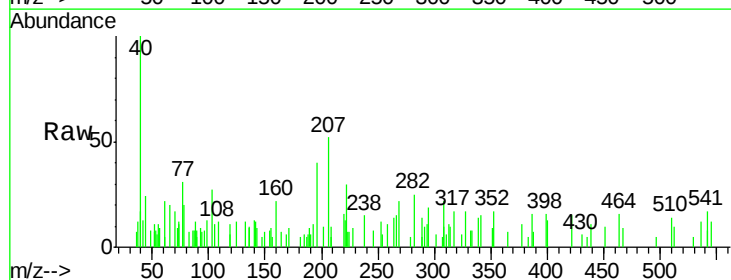
Tgt Ion:266 Resp: 173

Ion Ratio Lower Upper

266 100

268 149.8 53.5 80.3#

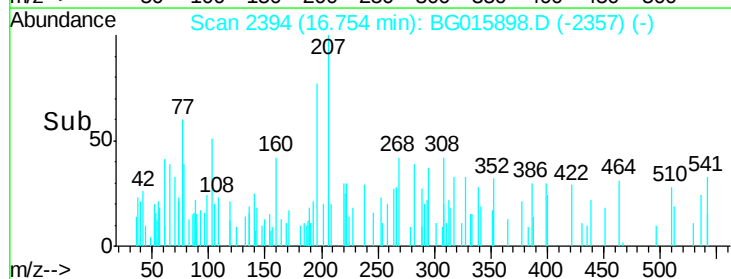
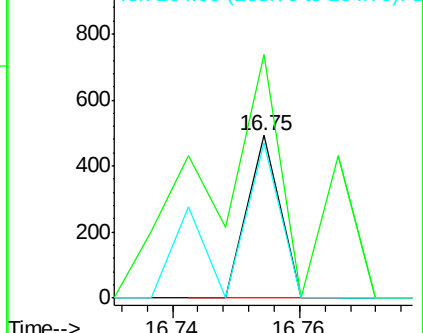
264 95.3 51.9 77.9#

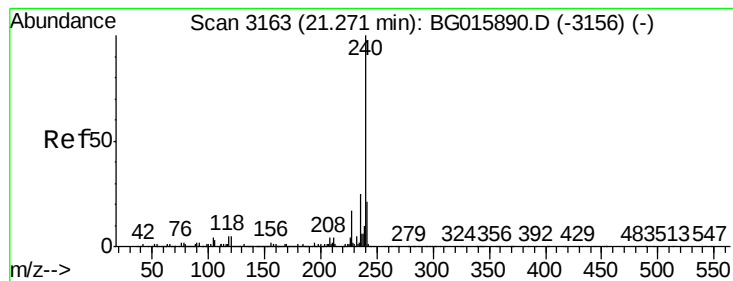


Abundance Ion 265.70 (265.40 to 266.40): E

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. -0.00 min

Lab File: BG015898.D

Acq: 20 Jan 2015 19:18

Instrument :

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PB81364BL

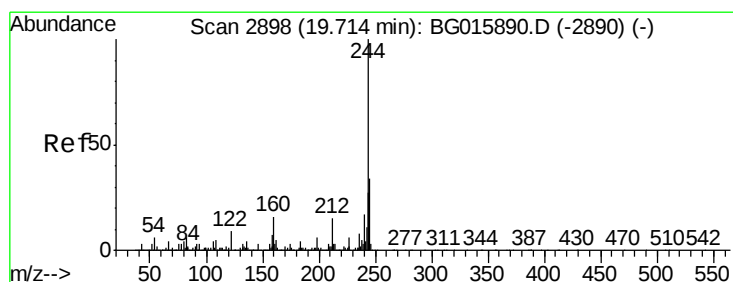
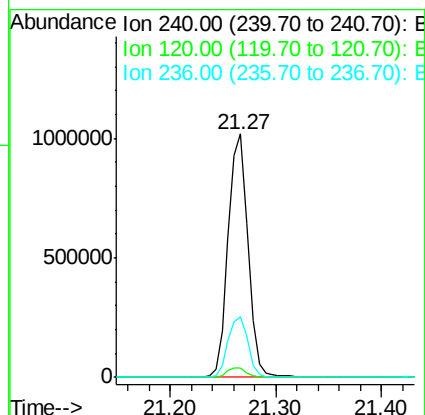
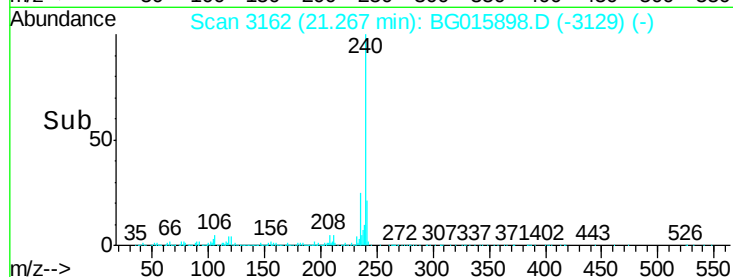
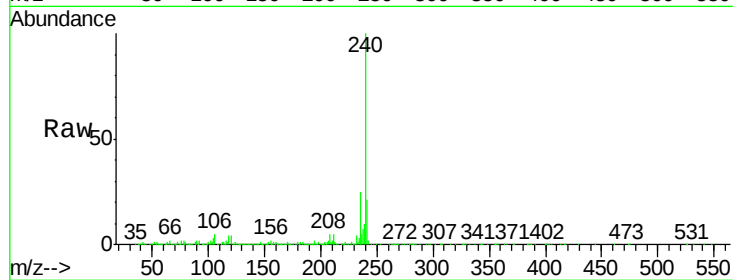
Tgt Ion:240 Resp: 1327406

Ion Ratio Lower Upper

240 100

120 4.1 3.9 5.9

236 25.0 20.0 30.0



#78

Terphenyl-d14

Concen: 74.23 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG015898.D

Acq: 20 Jan 2015 19:18

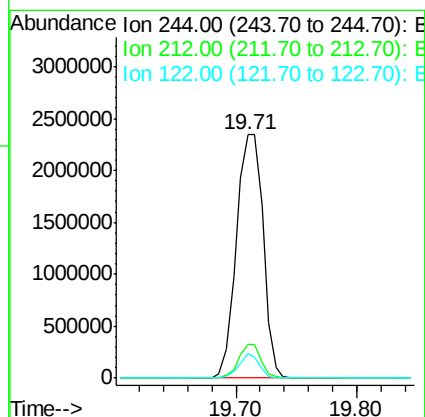
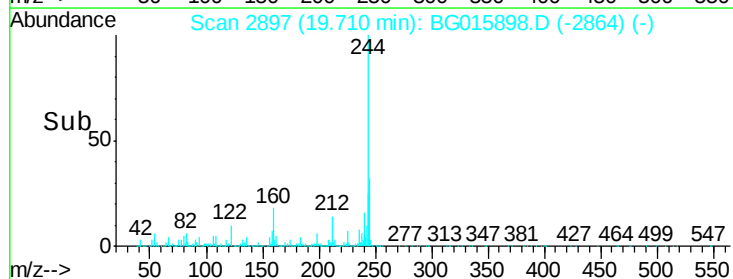
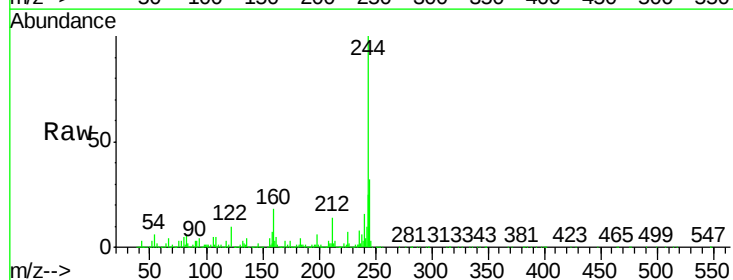
Tgt Ion:244 Resp: 3622098

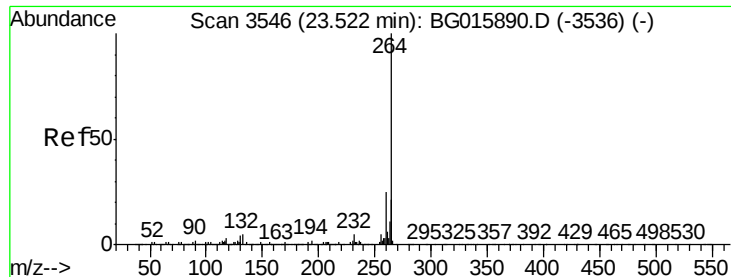
Ion Ratio Lower Upper

244 100

212 14.0 11.6 17.4

122 10.4 7.0 10.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.52 min Scan# 3545
Delta R.T. -0.00 min
Lab File: BG015898.D
Acq: 20 Jan 2015 19:18

Instrument :
BNA_G
ClientSampleId :
PB81364BL

Tgt Ion: 264 Resp: 1189352

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.7	29.5
265	22.4	17.3	25.9

