

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015920.D
 Acq On : 26 Jan 2015 20:19
 Operator : TP/IZ
 Sample : PB81511BL
 Misc : S
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB81511BL

Quant Time: Jan 27 02:31:45 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

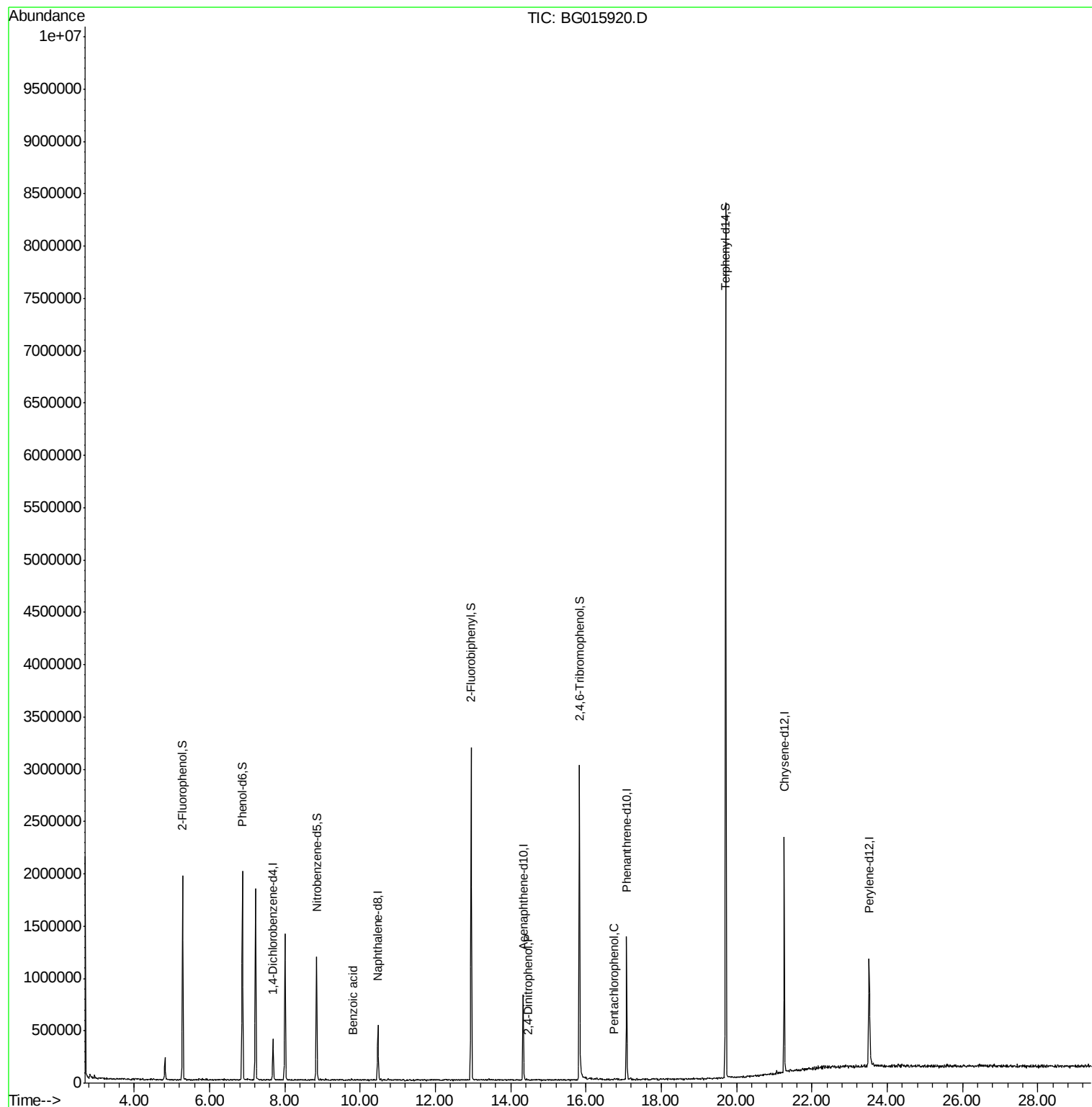
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	68631	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	292024	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	240178	20.00	ng	-0.01
63) Phenanthrene-d10	17.08	188	727673	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1040233	20.00	ng	0.00
86) Perylene-d12	23.52	264	923516	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	590513	128.13	ng	0.00
7) Phenol-d6	6.87	99	946071	127.39	ng	0.00
23) Nitrobenzene-d5	8.84	82	747843	73.82	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	513655	116.82	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1322668	86.41	ng	0.00
78) Terphenyl-d14	19.71	244	3063804	83.15	ng	0.00
Target Compounds						
32) Benzoic acid	9.81	122	67	10.30	ng	# 16
53) 2,4-Dinitrophenol	14.46	184	229	4.61	ng	# 10
69) Pentachlorophenol	16.74	266	312	5.29	ng	# 17
80) Benzo(a)anthracene	21.27	228	4291	Below Cal		# 52

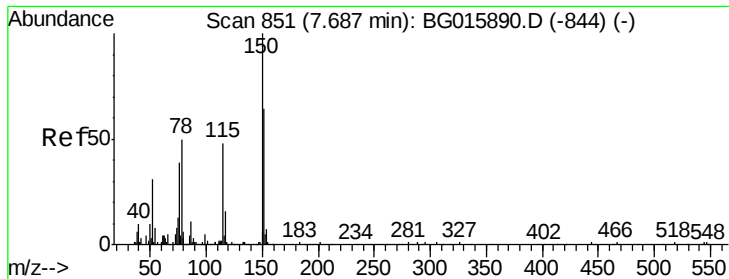
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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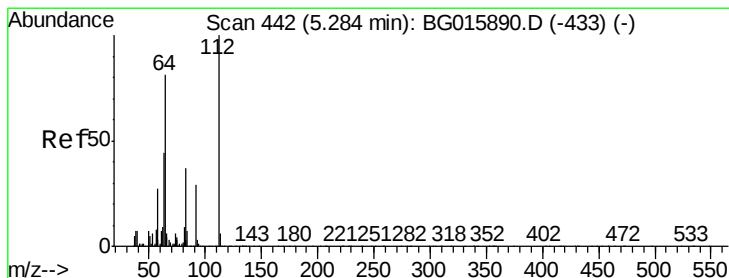
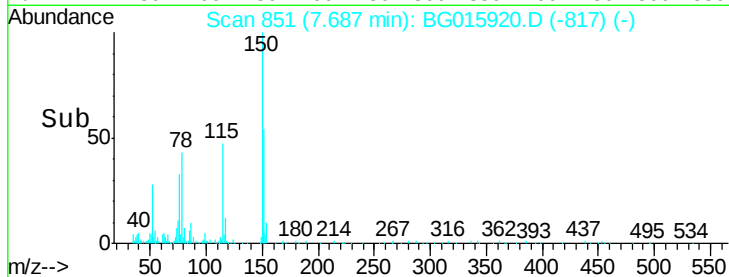
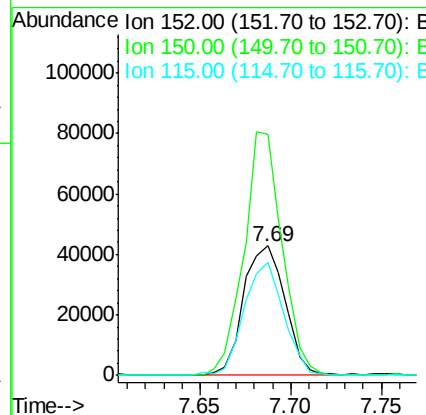
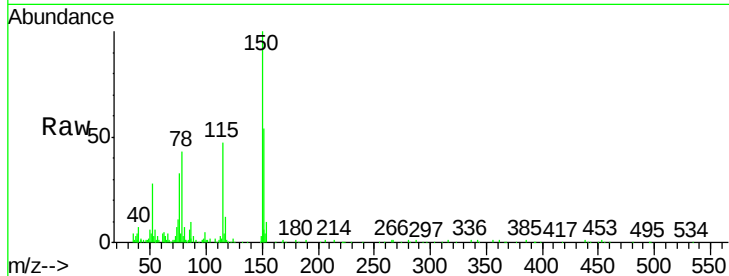


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 851
Delta R.T. -0.00 min
Lab File: BG015920.D
Acq: 26 Jan 2015 20:19

Instrument :
BNA_G
ClientSampleId :
PB81511BL

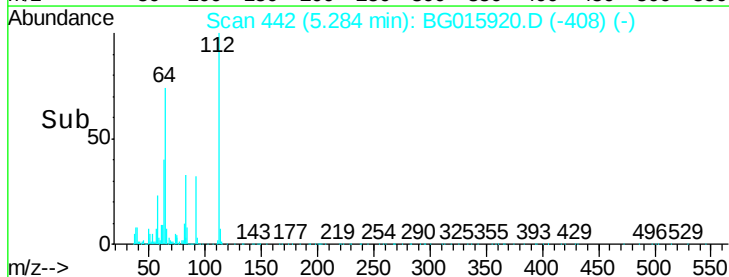
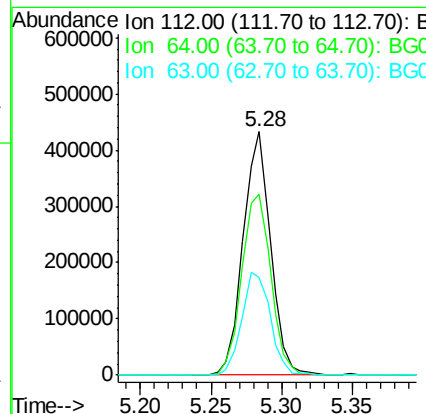
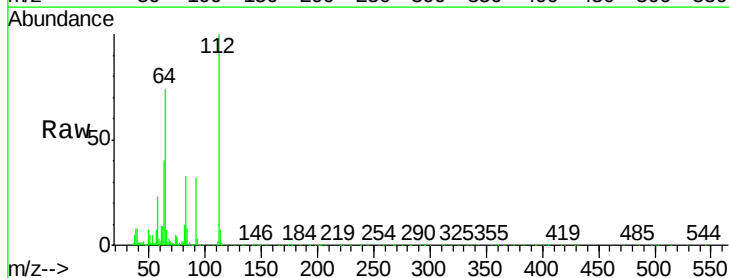
Tgt Ion	Ratio	Lower	Upper
152	100		
150	186.4	124.5	186.7
115	87.7	60.4	90.6

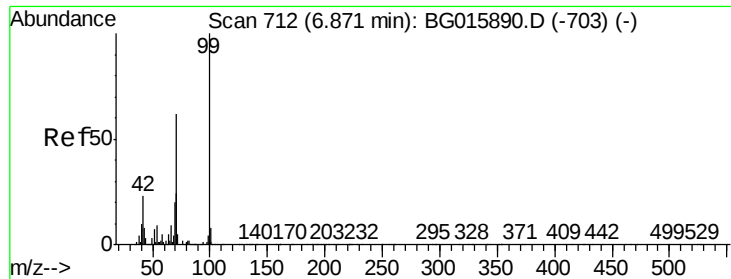


#5

2-Fluorophenol
Concen: 128.13 ng
RT: 5.28 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG015920.D
Acq: 26 Jan 2015 20:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.1	64.4	96.6
63	40.2	35.1	52.7





#7

Phenol-d6

Concen: 127.39 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG015920.D

Acq: 26 Jan 2015 20:19

Instrument :

BNA_G

ClientSampleId :

PB81511BL

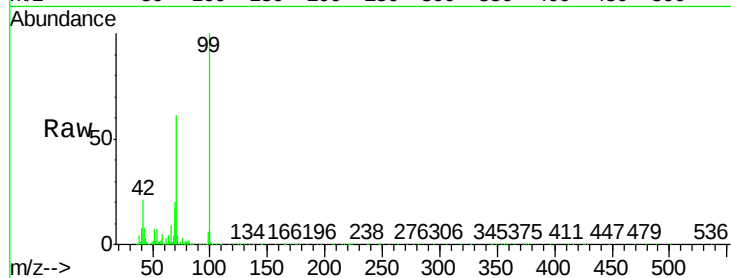
Tgt Ion: 99 Resp: 946071

Ion Ratio Lower Upper

99 100

42 20.6 18.1 27.1

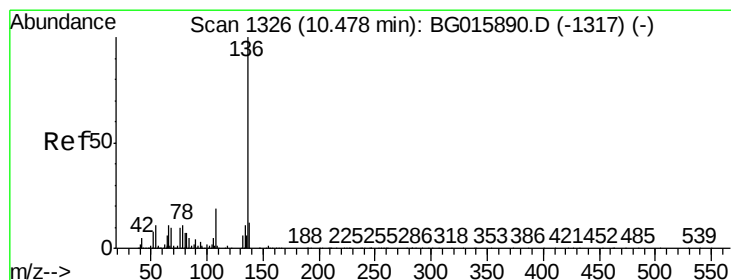
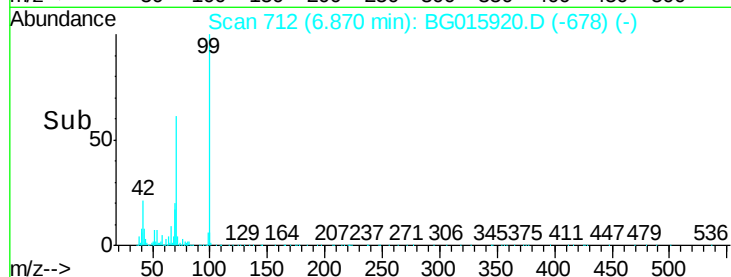
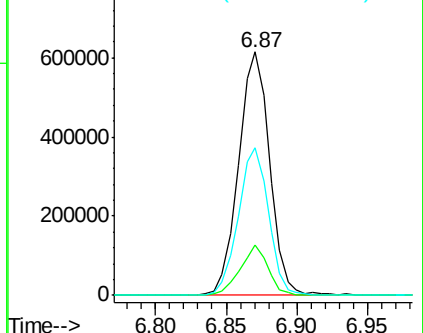
71 60.8 49.8 74.8



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. -0.01 min

Lab File: BG015920.D

Acq: 26 Jan 2015 20:19

Tgt Ion: 136 Resp: 292024

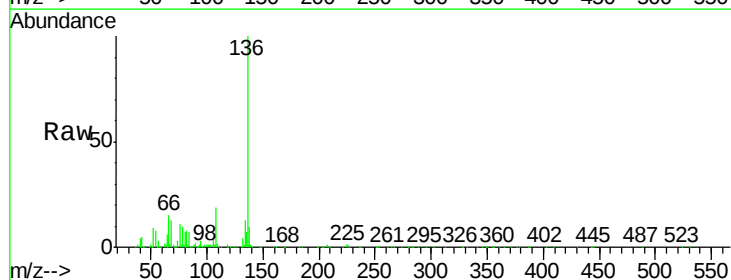
Ion Ratio Lower Upper

136 100

137 10.3 9.7 14.5

54 8.4 8.5 12.7#

68 13.0 8.0 12.0#

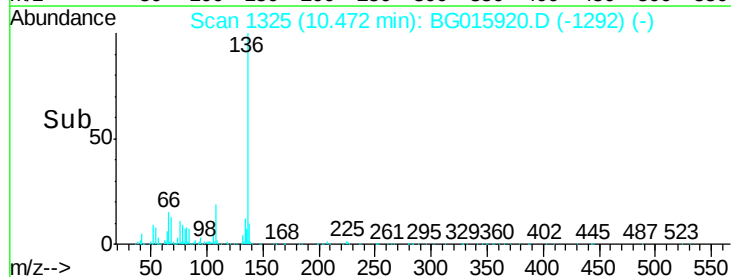
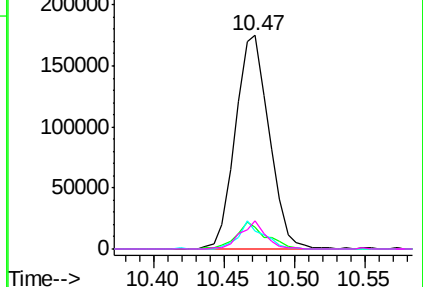


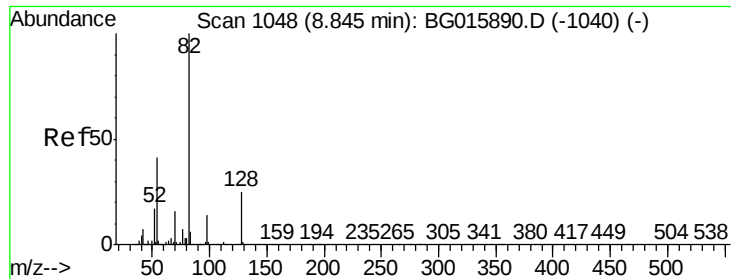
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

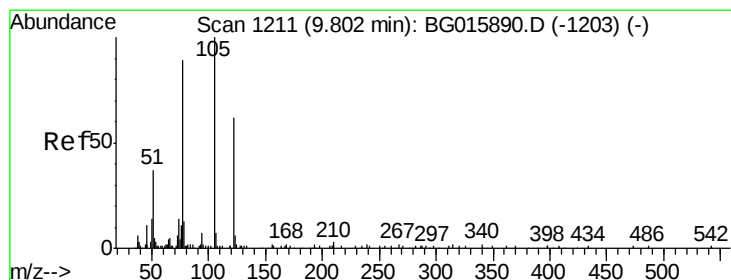
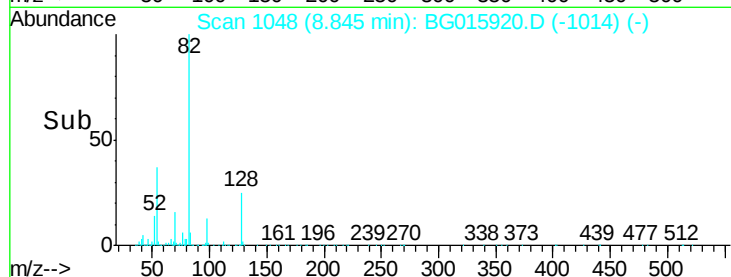
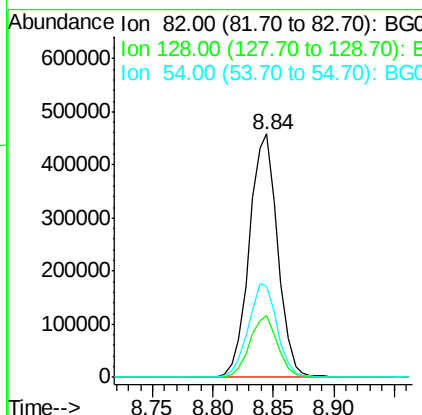
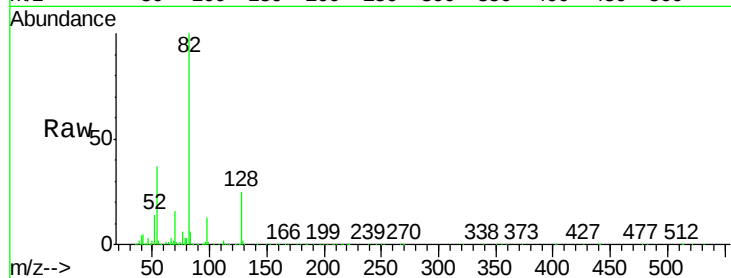




#23
Nitrobenzene-d5
Concen: 73.82 ng
RT: 8.84 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG015920.D
Acq: 26 Jan 2015 20:19

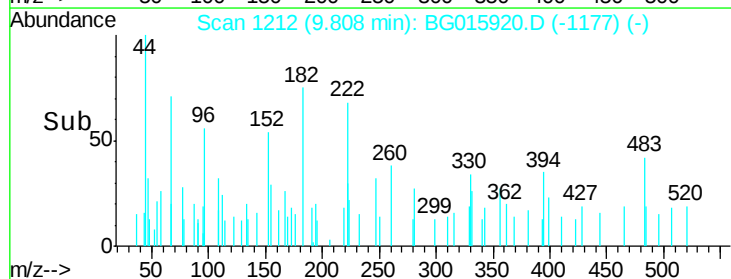
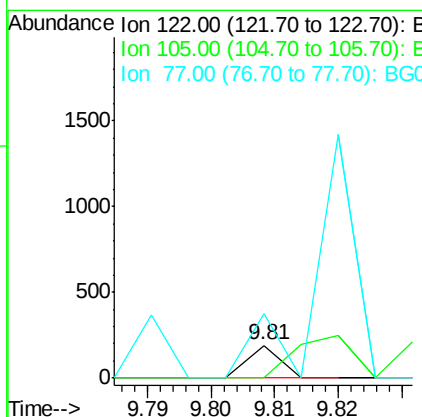
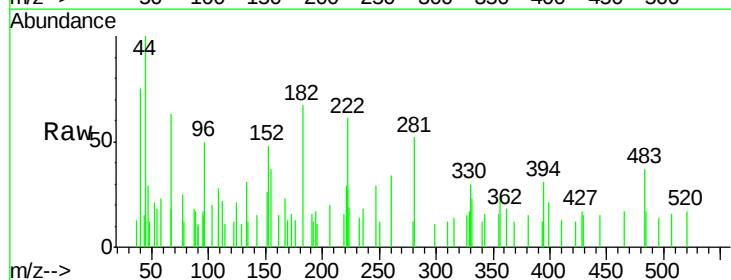
Instrument :
BNA_G
ClientSampleId :
PB81511BL

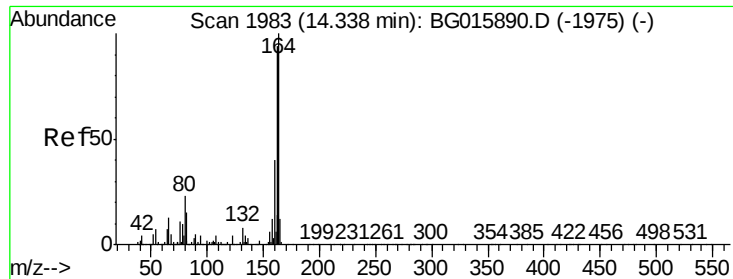
Tgt Ion	Ratio	Lower	Upper
82	100		
128	25.5	19.8	29.8
54	37.4	33.0	49.4



#32
Benzoic acid
Concen: 10.30 ng
RT: 9.81 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BG015920.D
Acq: 26 Jan 2015 20:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	140.2	180.2#
77	199.5	126.4	166.4#

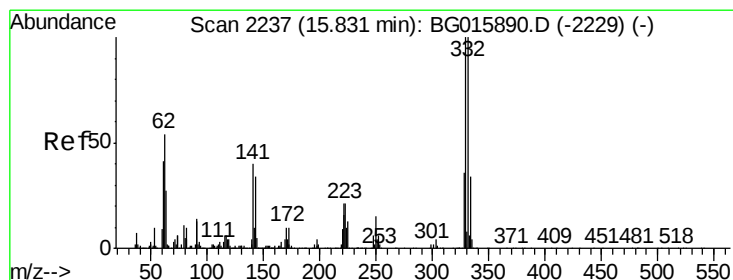
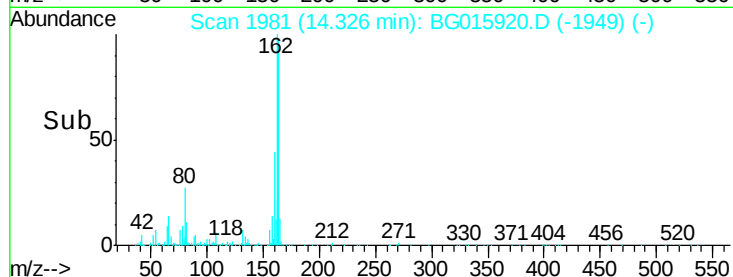
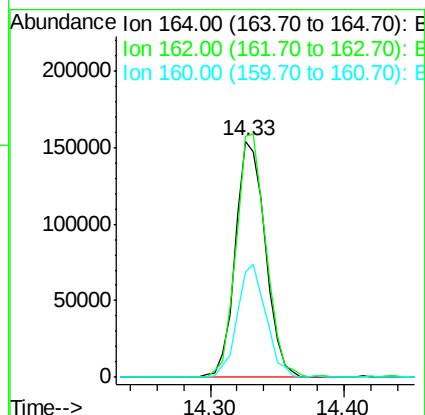
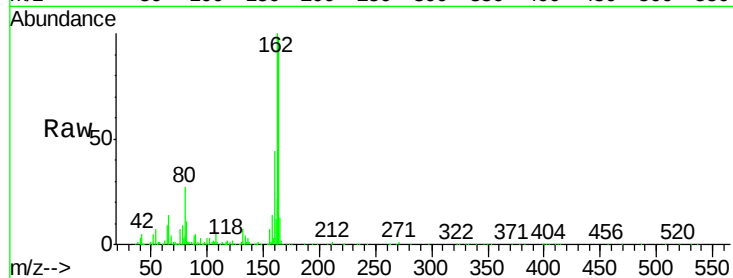




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG015920.D
Acq: 26 Jan 2015 20:19

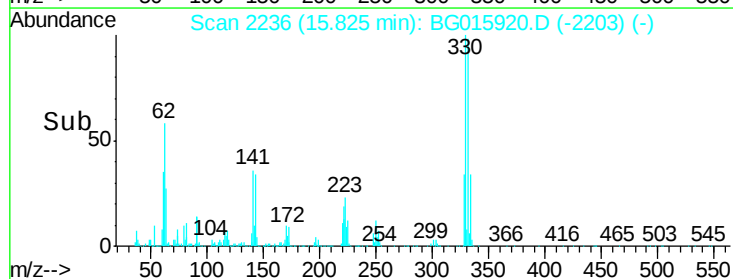
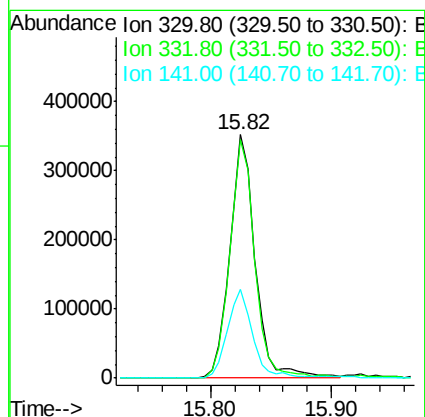
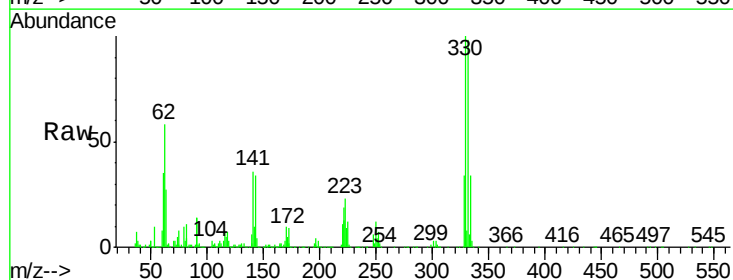
Instrument :
BNA_G
ClientSampleId :
PB81511BL

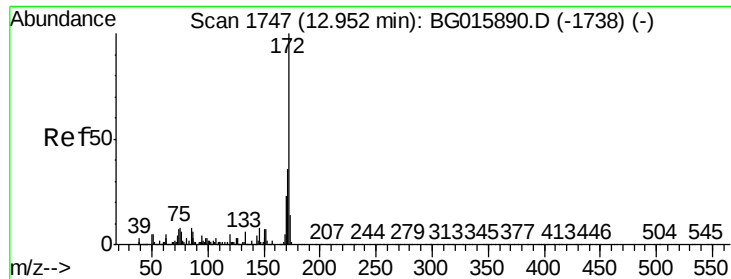
Tgt Ion:164 Resp: 240178
Ion Ratio Lower Upper
164 100
162 102.2 75.1 112.7
160 44.9 32.3 48.5



#41
2,4,6-Tribromophenol
Concen: 116.82 ng
RT: 15.82 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BG015920.D
Acq: 26 Jan 2015 20:19

Tgt Ion:330 Resp: 513655
Ion Ratio Lower Upper
330 100
332 95.8 75.4 113.0
141 36.4 33.0 49.6

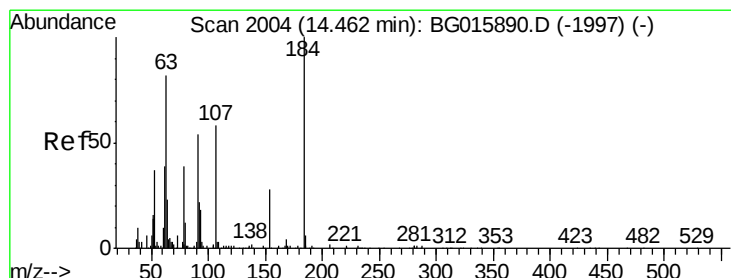
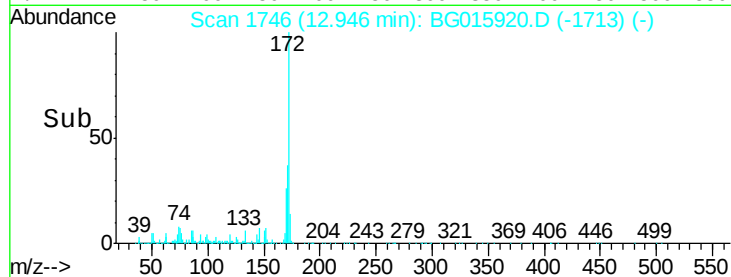
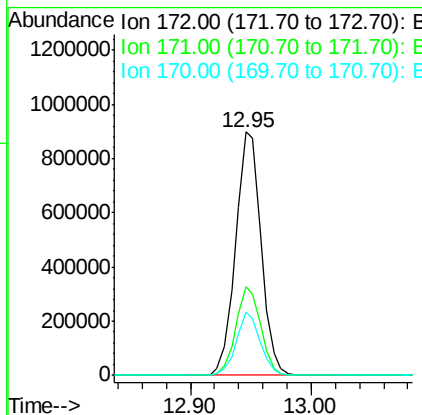
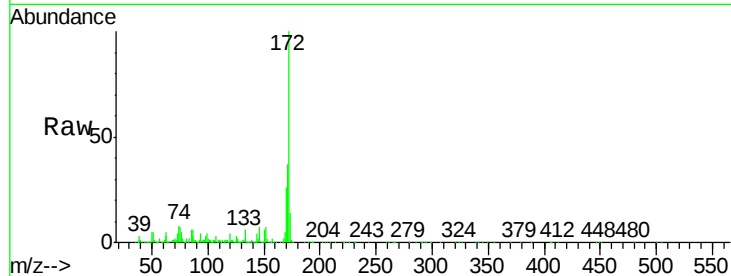




#44
 2-Fluorobiphenyl
 Concen: 86.41 ng
 RT: 12.95 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG015920.D
 Acq: 26 Jan 2015 20:19

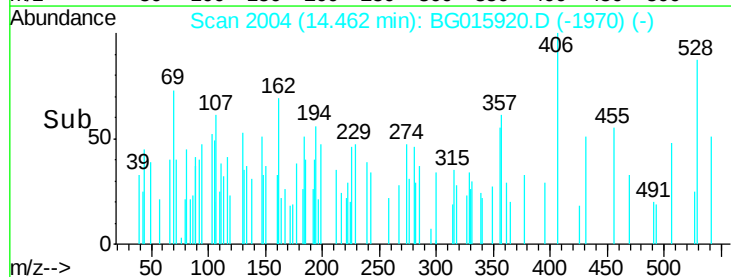
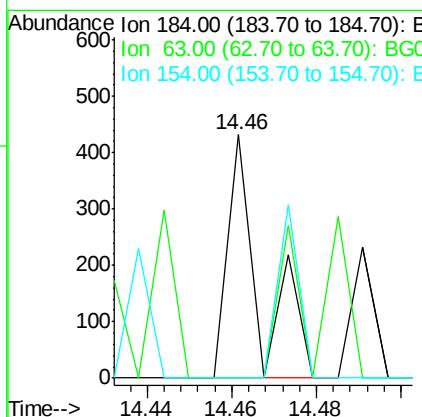
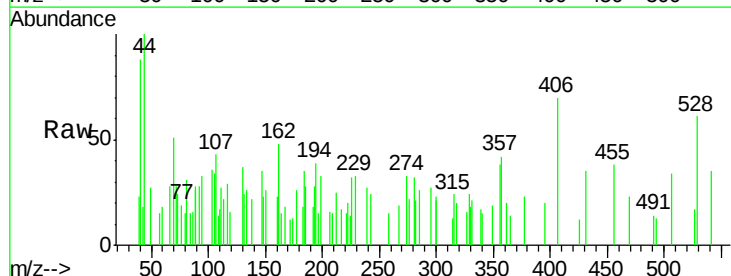
Instrument :
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 ClientSampleId :
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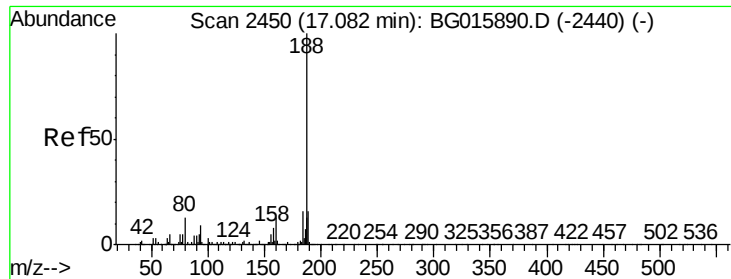
Tgt Ion:172 Resp: 1322668
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.2 43.8
 170 26.0 18.6 27.8



#53
 2,4-Dinitrophenol
 Concen: 4.61 ng
 RT: 14.46 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BG015920.D
 Acq: 26 Jan 2015 20:19

Tgt Ion:184 Resp: 229
 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: BG015920.D

Acq: 26 Jan 2015 20:19

Instrument :

BNA_G

ClientSampleId :

PB81511BL

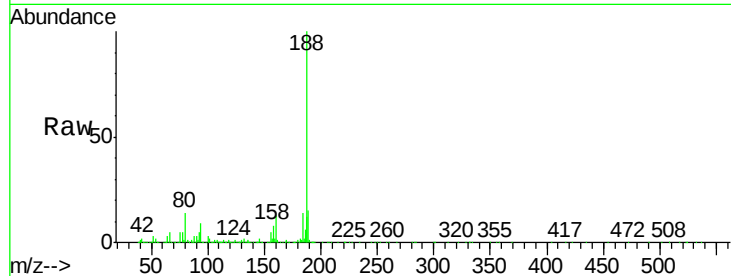
Tgt Ion:188 Resp: 727673

Ion Ratio Lower Upper

188 100

94 9.0 7.8 11.8

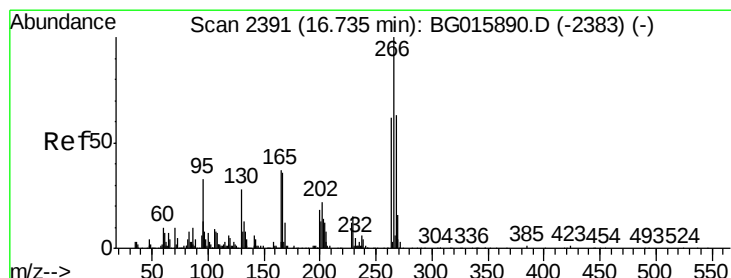
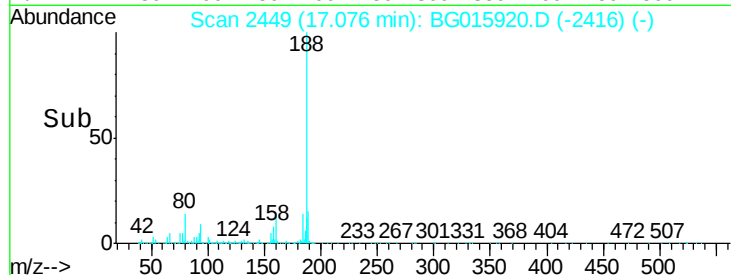
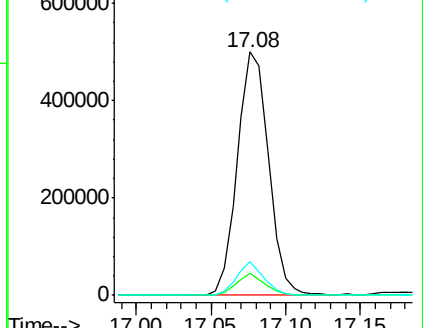
80 13.7 10.6 16.0



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: 5.29 ng

RT: 16.74 min Scan# 2391

Delta R.T. 0.00 min

Lab File: BG015920.D

Acq: 26 Jan 2015 20:19

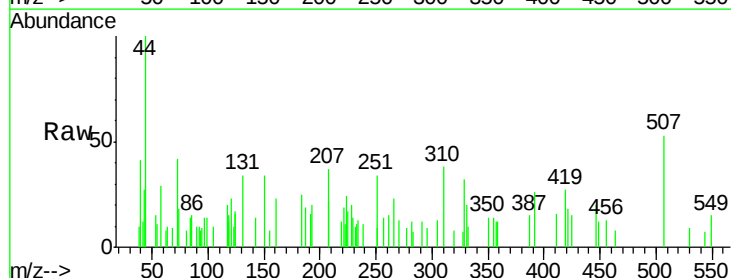
Tgt Ion:266 Resp: 312

Ion Ratio Lower Upper

266 100

268 0.0 53.5 80.3#

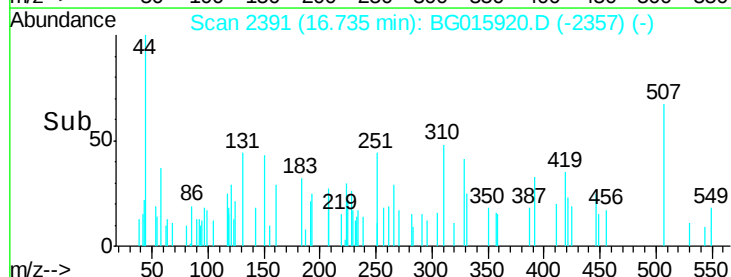
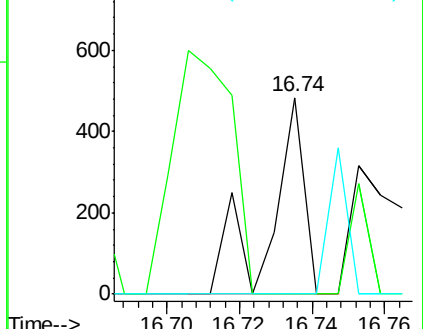
264 0.0 51.9 77.9#

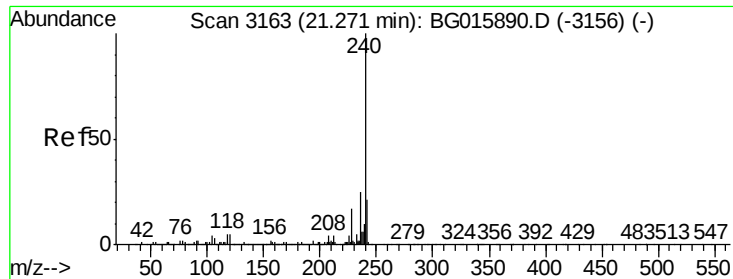


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

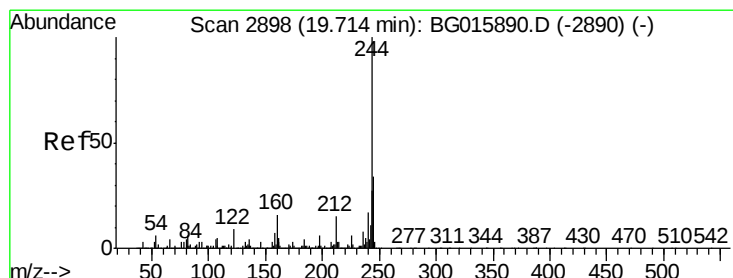
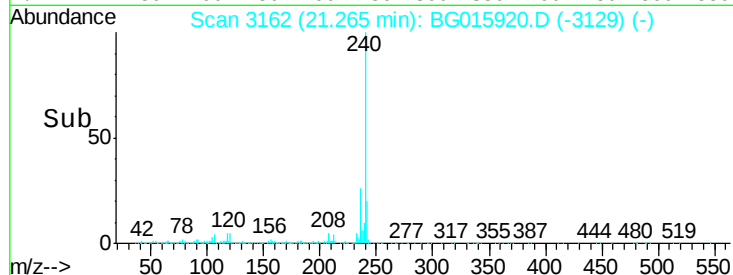
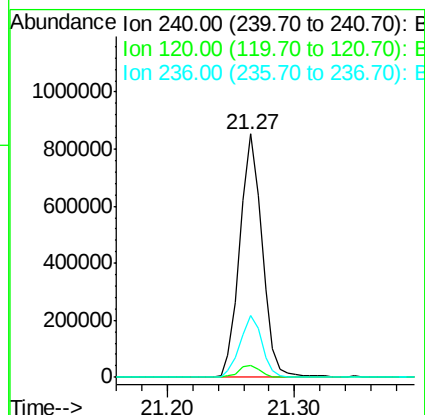
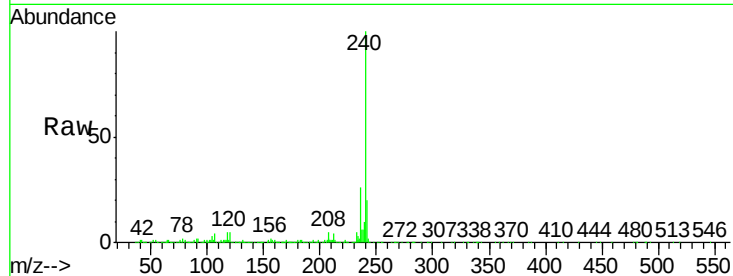




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG015920.D
Acq: 26 Jan 2015 20:19

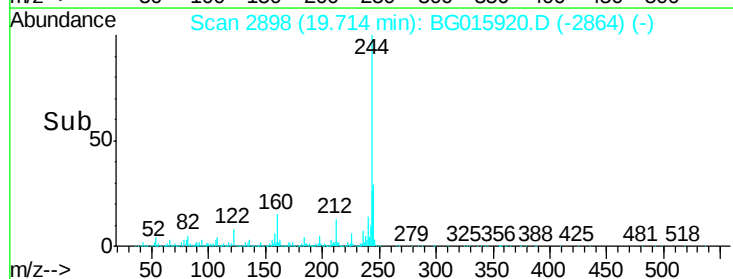
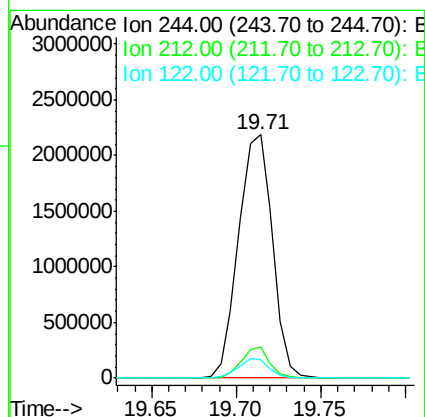
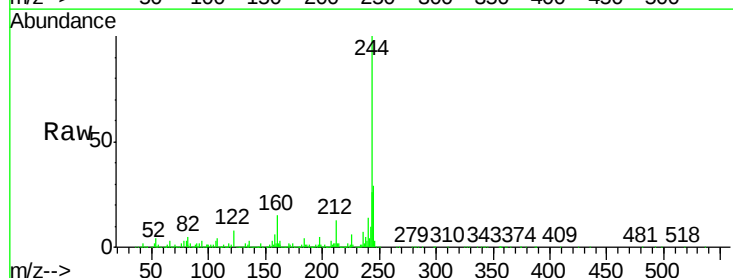
Instrument :
BNA_G
ClientSampled :
PB81511BL

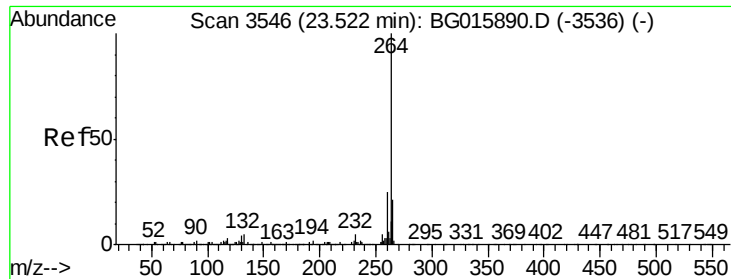
Tgt Ion:240 Resp: 1040233
Ion Ratio Lower Upper
240 100
120 4.9 3.9 5.9
236 25.6 20.0 30.0



#78
Terphenyl-d14
Concen: 83.15 ng
RT: 19.71 min Scan# 2898
Delta R.T. 0.00 min
Lab File: BG015920.D
Acq: 26 Jan 2015 20:19

Tgt Ion:244 Resp: 3063804
Ion Ratio Lower Upper
244 100
212 12.6 11.6 17.4
122 7.6 7.0 10.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.52 min Scan# 3546
Delta R.T. -0.00 min
Lab File: BG015920.D
Acq: 26 Jan 2015 20:19

Instrument :
BNA_G
ClientSampleId :
PB81511BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	20.8	19.7	29.5
265	22.1	17.3	25.9

