

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021116\
 Data File : BG020882.D
 Acq On : 12 Feb 2016 7:51
 Operator : SJ/UM
 Sample : H1408-01
 Misc : L00 20PPM
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 12 09:56:58 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

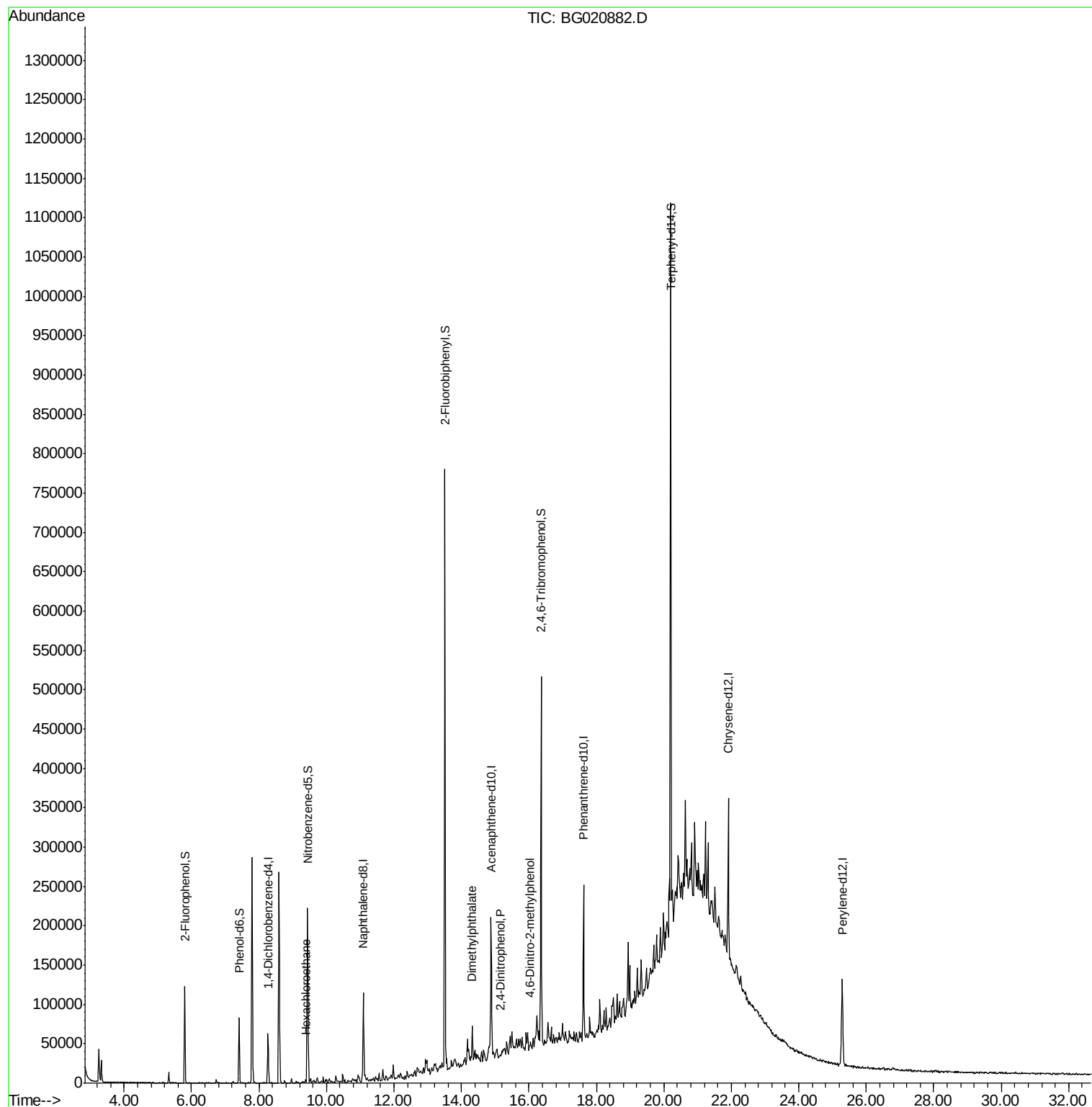
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	20161	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	104253	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	59751	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	112312	20.00	ng	0.00
75) Chrysene-d12	21.91	240	105467	20.00	ng	0.00
86) Perylene-d12	25.28	264	102252	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	70054	58.52	ng	0.00
7) Phenol-d6	7.41	99	62201	35.55	ng	0.00
23) Nitrobenzene-d5	9.44	82	149255	94.13	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	84820	144.35	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	403350	94.83	ng	0.00
78) Terphenyl-d14	20.20	244	357147	79.00	ng	0.00
Target Compounds						
18) Hexachloroethane	9.38	117	1375	2.49	ng	# 42
49) Dimethylphthalate	14.32	163	31430	6.73	ng	100
53) 2,4-Dinitrophenol	15.16	184	206	8.85	ng	# 24
64) 4,6-Dinitro-2-methylphenol	16.05	198	110	5.68	ng	# 1

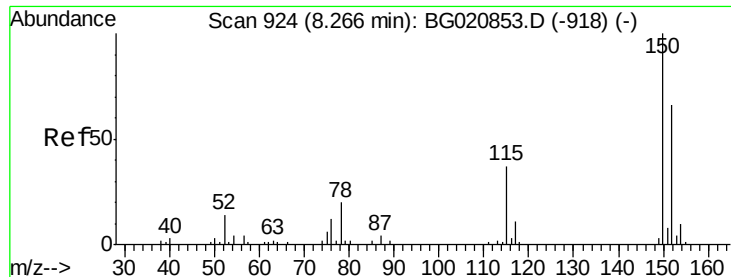
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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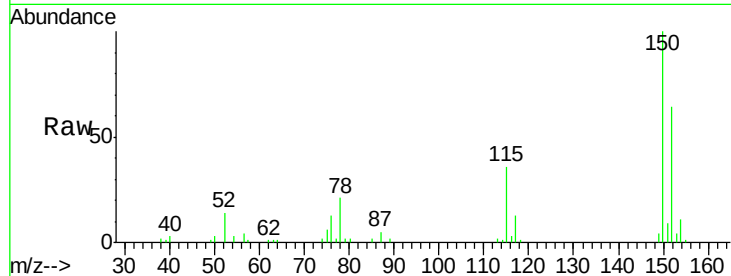


#1

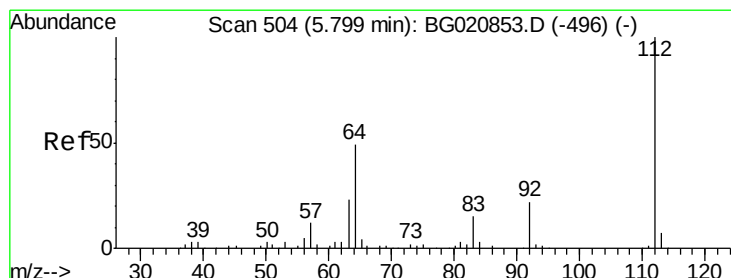
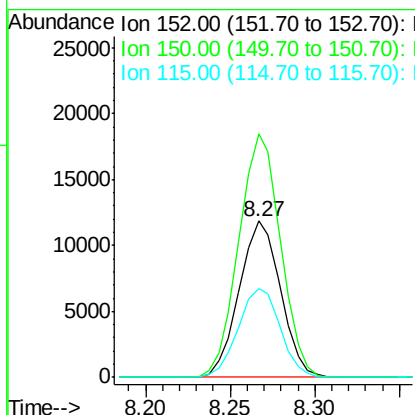
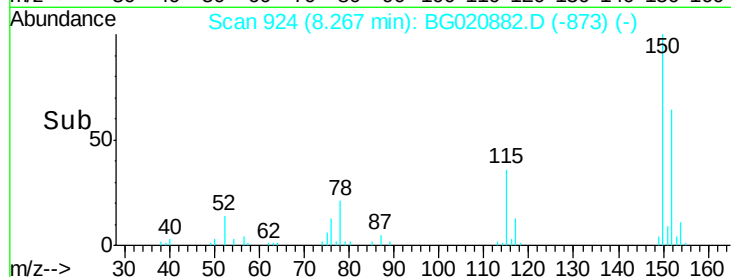
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG020882.D
Acq: 12 Feb 2016 7:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.0	183.0
115	56.6	45.2	67.8



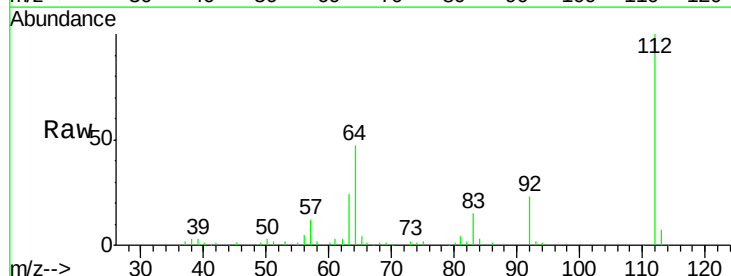
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



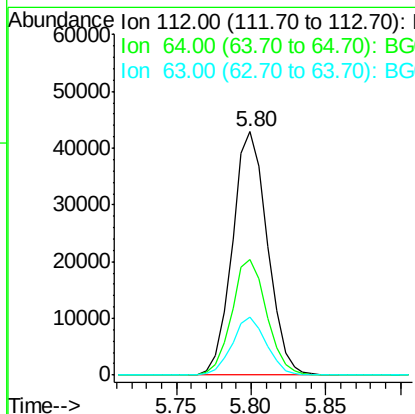
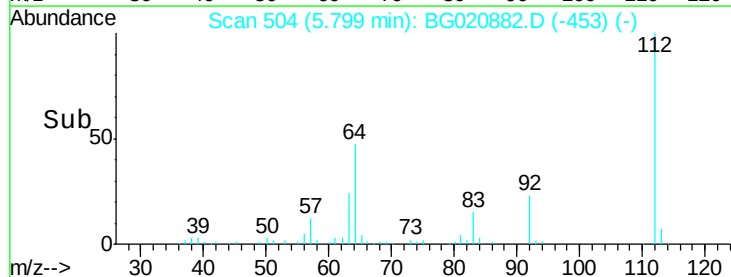
#5

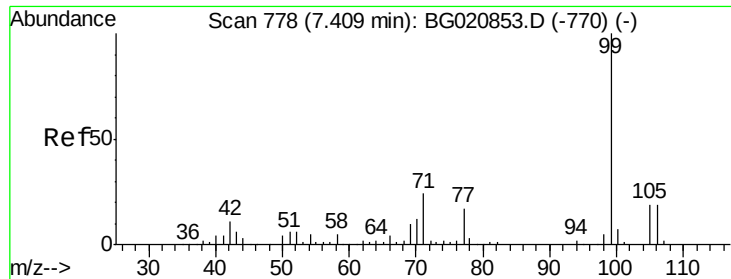
2-Fluorophenol
Concen: 58.52 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG020882.D
Acq: 12 Feb 2016 7:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.3	39.3	58.9
63	23.7	18.2	27.4



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: 35.55 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG020882.D

Acq: 12 Feb 2016 7:51

Instrument :

BNA_G

ClientSampled :

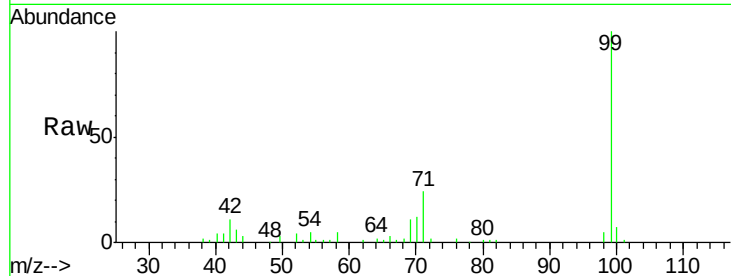
Tot Ion: 99 Resp: 62201

Ion Ratio Lower Upper

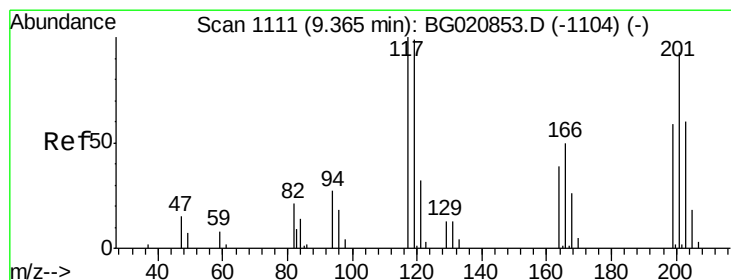
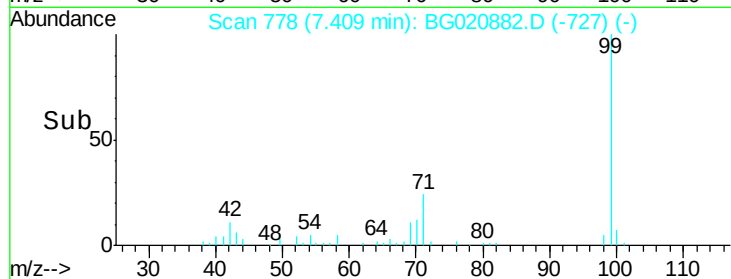
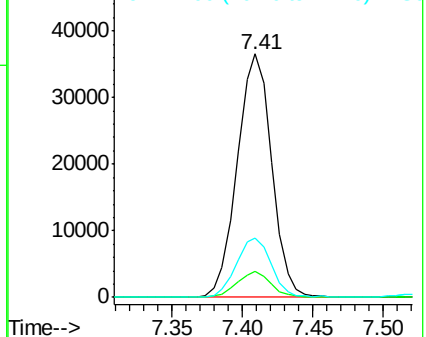
99 100

42 10.9 8.4 12.6

71 24.1 19.4 29.0



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



#18

Hexachloroethane

Concen: 2.49 ng

RT: 9.38 min Scan# 1114

Delta R.T. 0.02 min

Lab File: BG020882.D

Acq: 12 Feb 2016 7:51

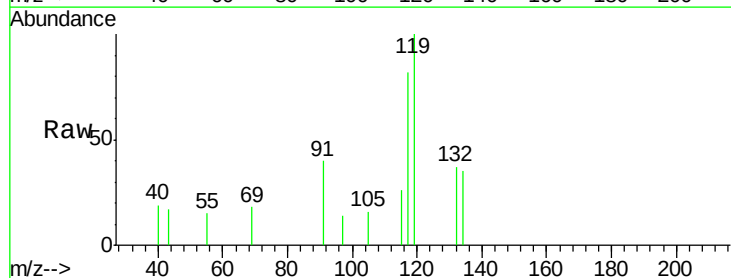
Tgt Ion: 117 Resp: 1375

Ion Ratio Lower Upper

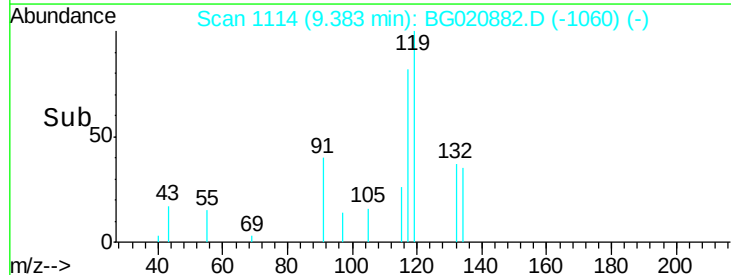
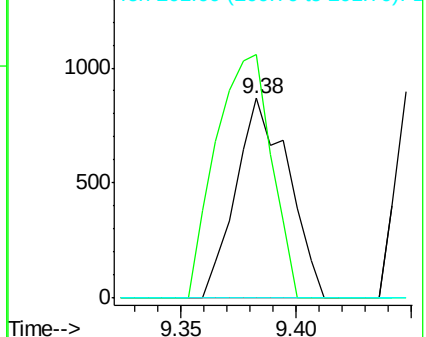
117 100

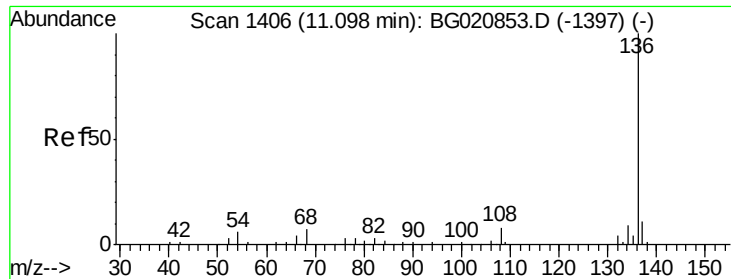
119 121.9 79.6 119.4#

201 0.0 74.5 111.7#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

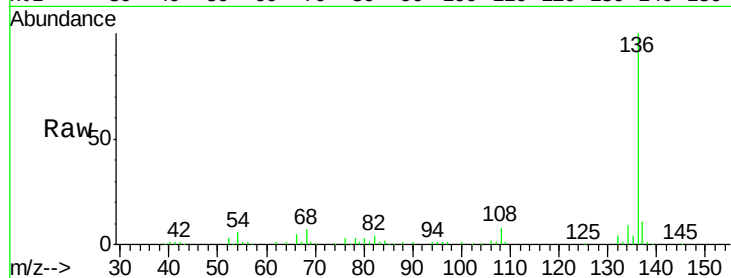




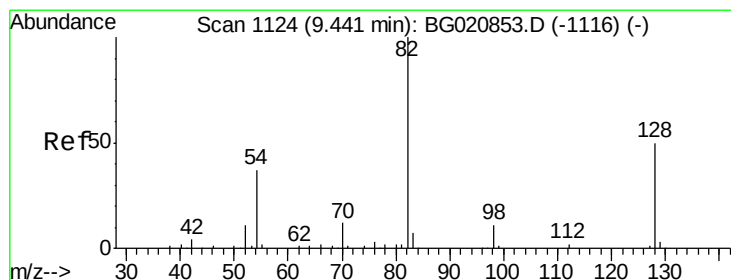
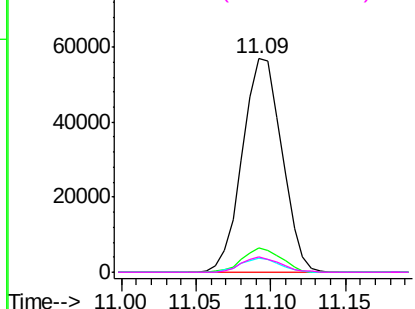
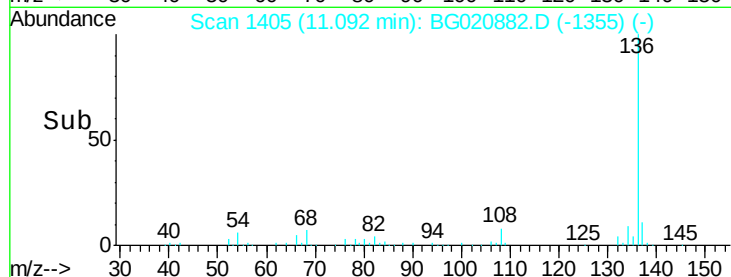
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG020882.D
Acq: 12 Feb 2016 7:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	104253
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.8 13.2
54	6.4	5.0 7.4
68	7.0	5.2 7.8

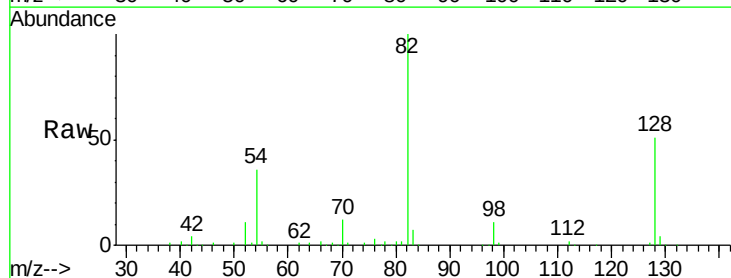


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

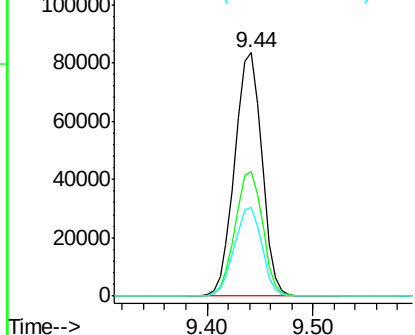
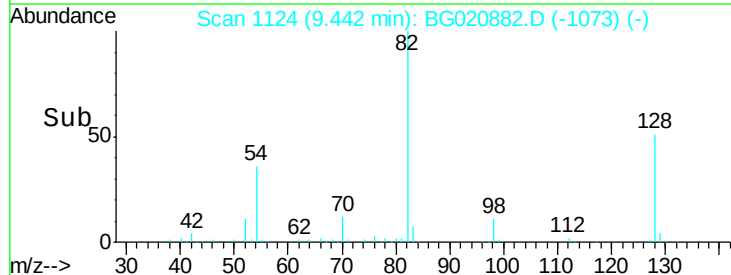


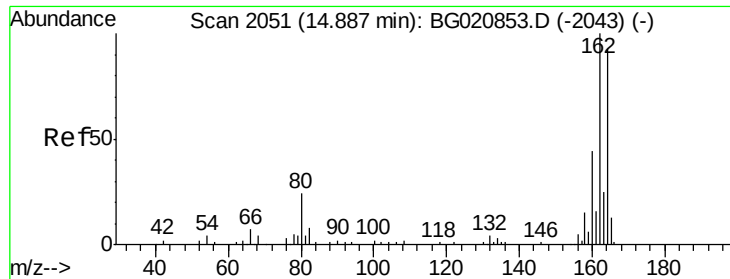
#23
Nitrobenzene-d5
Concen: 94.13 ng
RT: 9.44 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BG020882.D
Acq: 12 Feb 2016 7:51

Tgt Ion: 82	Resp:	149255
Ion Ratio	Lower	Upper
82	100	
128	51.2	40.1 60.1
54	36.4	29.5 44.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

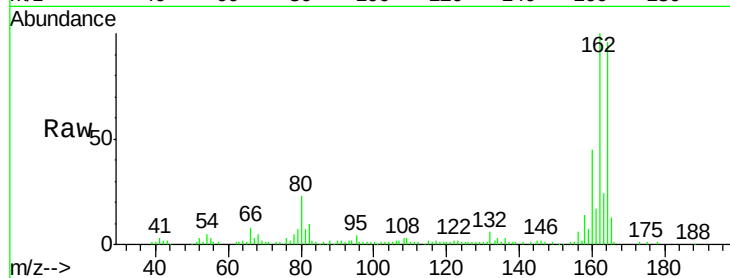




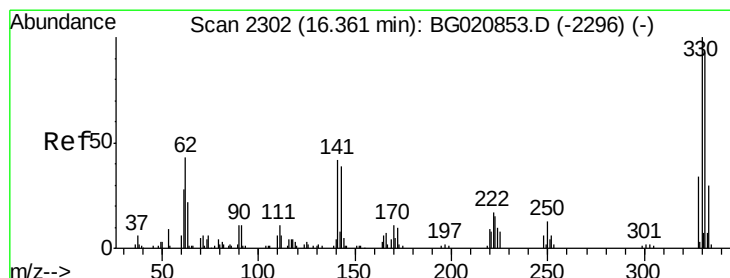
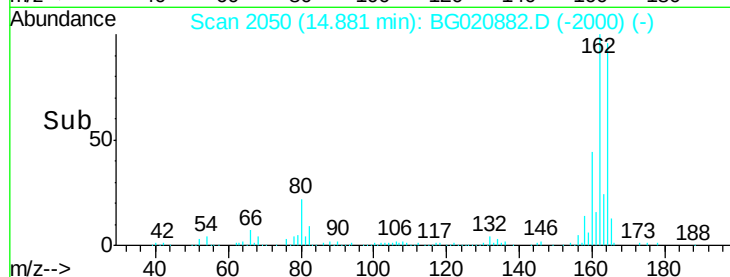
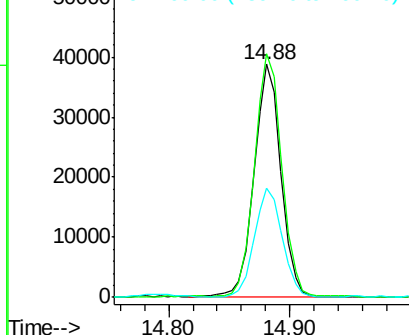
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG020882.D
Acq: 12 Feb 2016 7:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 59751
Ion Ratio Lower Upper
164 100
162 104.4 85.7 128.5
160 46.6 37.4 56.0

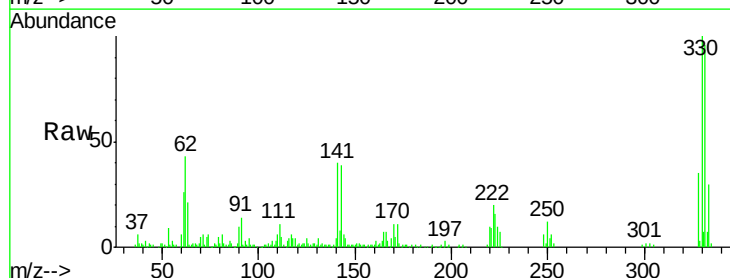


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

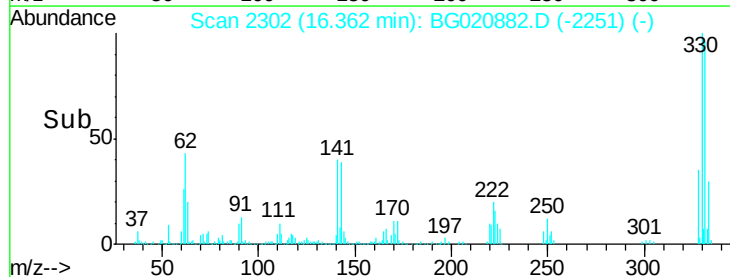
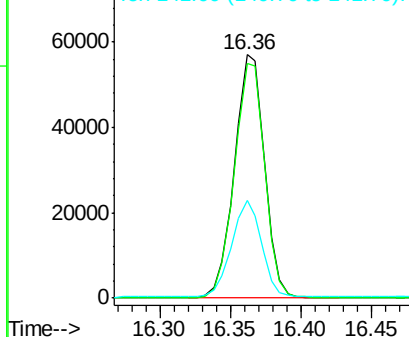


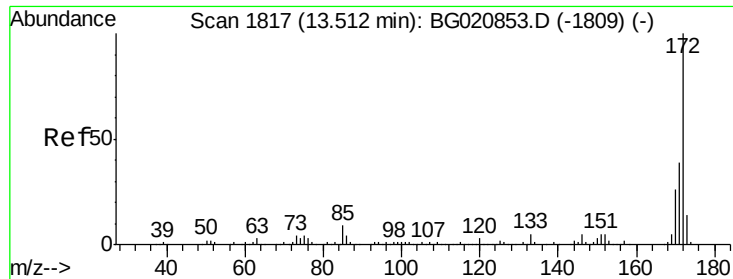
#41
2,4,6-Tribromophenol
Concen: 144.35 ng
RT: 16.36 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BG020882.D
Acq: 12 Feb 2016 7:51

Tgt Ion:330 Resp: 84820
Ion Ratio Lower Upper
330 100
332 97.3 76.1 114.1
141 39.0 32.0 48.0



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

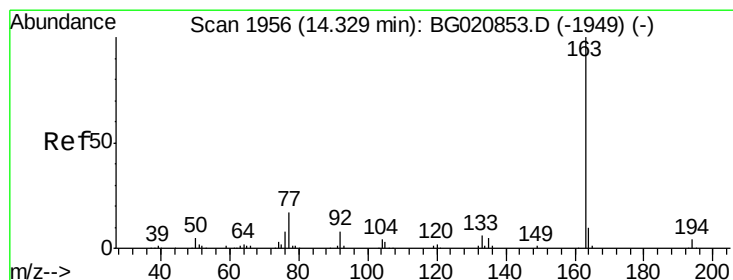
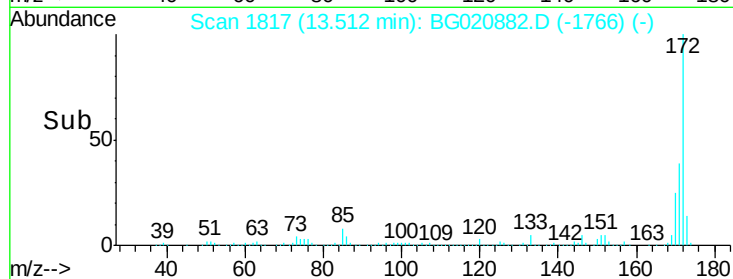
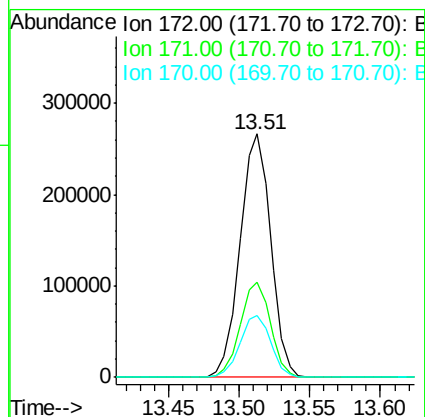
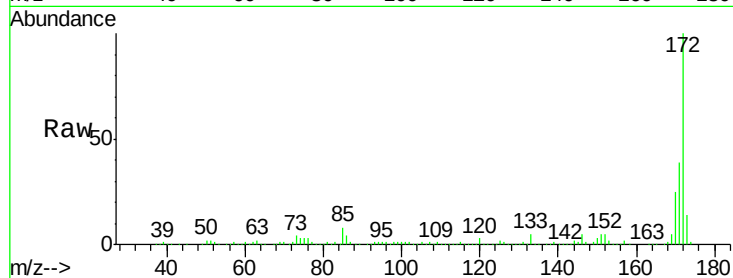




#44
2-Fluorobiphenyl
Concen: 94.83 ng
RT: 13.51 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BG020882.D
Acq: 12 Feb 2016 7:51

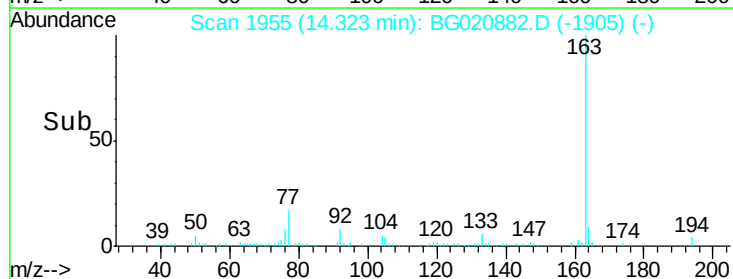
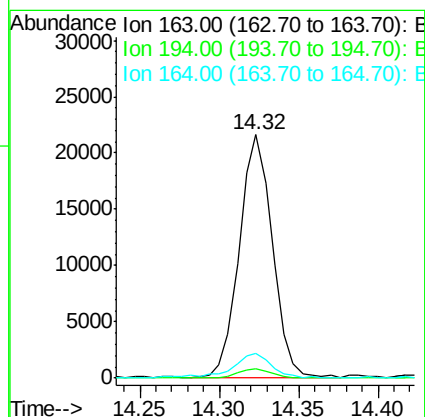
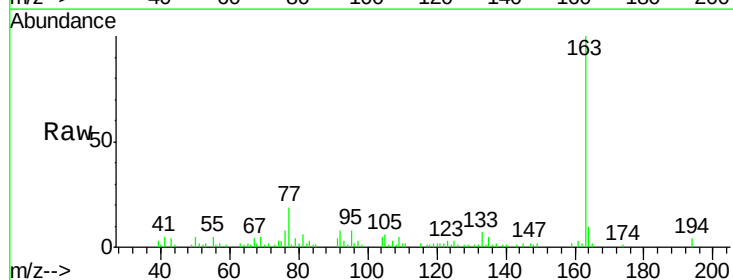
Instrument :
BNA_G
ClientSampleId :

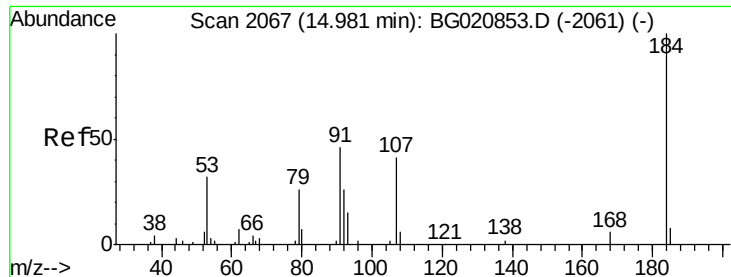
Tot Ion:172 Resp: 403350
Ion Ratio Lower Upper
172 100
171 39.0 31.2 46.8
170 25.3 20.6 30.8



#49
Dimethylphthalate
Concen: 6.73 ng
RT: 14.32 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG020882.D
Acq: 12 Feb 2016 7:51

Tgt Ion:163 Resp: 31430
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.3 12.5

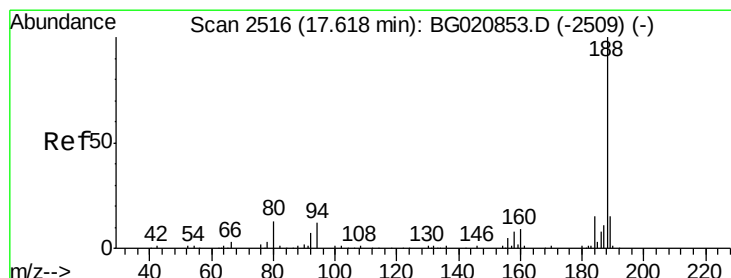
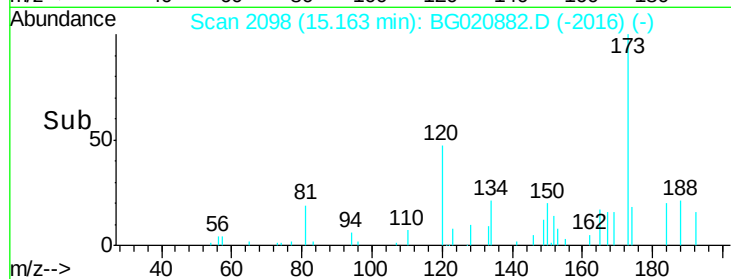
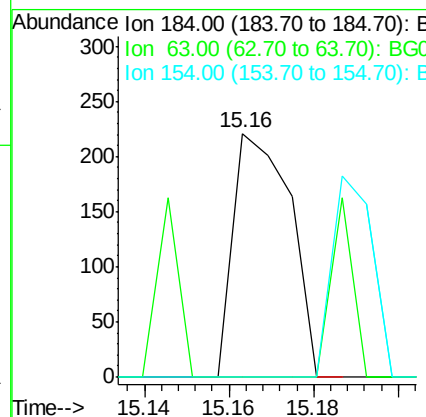
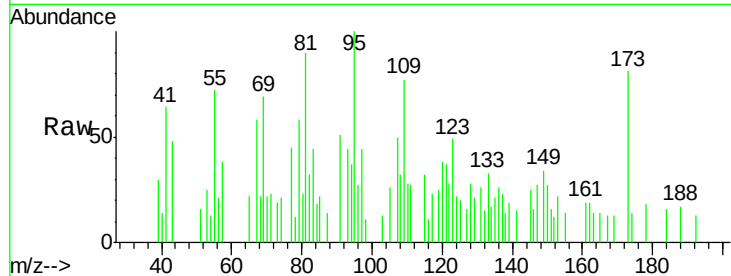




#53
 2,4-Dinitrophenol
 Concen: 8.85 ng
 RT: 15.16 min Scan# 2098
 Delta R.T. 0.18 min
 Lab File: BG020882.D
 Acq: 12 Feb 2016 7:51

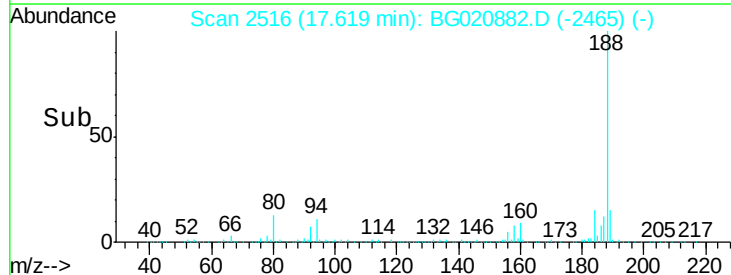
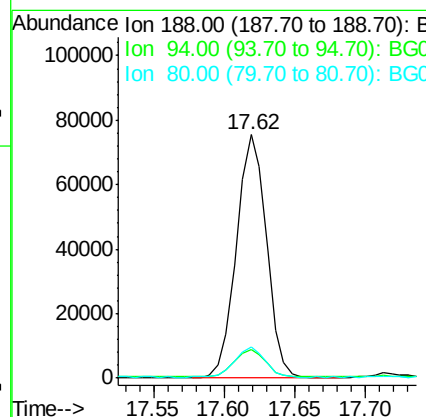
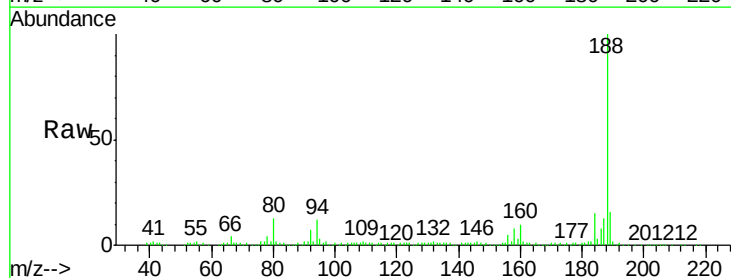
Instrument :
 BNA_G
 ClientSampled :

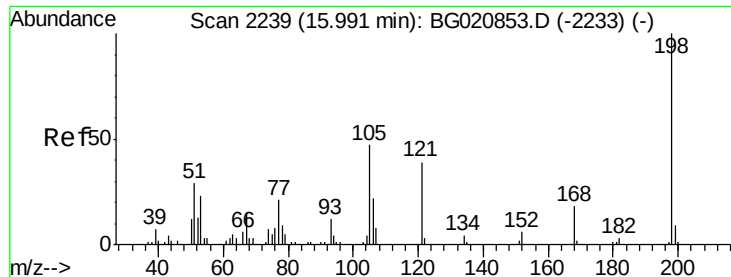
Tot Ion:184 Resp: 206
 Ion Ratio Lower Upper
 184 100
 63 0.0 39.8 59.6#
 154 0.0 48.1 72.1#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. 0.00 min
 Lab File: BG020882.D
 Acq: 12 Feb 2016 7:51

Tgt Ion:188 Resp: 112312
 Ion Ratio Lower Upper
 188 100
 94 11.9 9.4 14.0
 80 13.0 10.2 15.4





#64

4,6-Dinitro-2-methylphenol

Concen: 5.68 ng

RT: 16.05 min Scan# 2249

Delta R.T. 0.06 min

Lab File: BG020882.D

Acq: 12 Feb 2016 7:51

Instrument :

BNA_G

ClientSampleId :

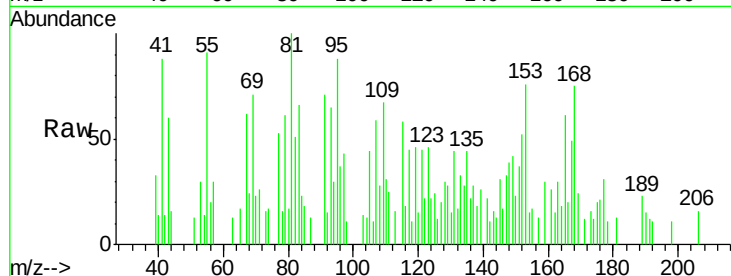
Tot Ion:198 Resp: 110

Ion Ratio Lower Upper

198 100

51 118.5 10.6 50.6#

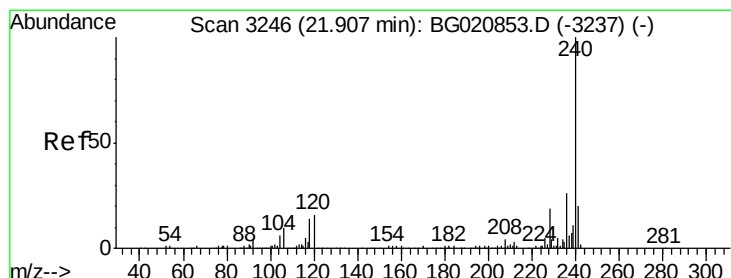
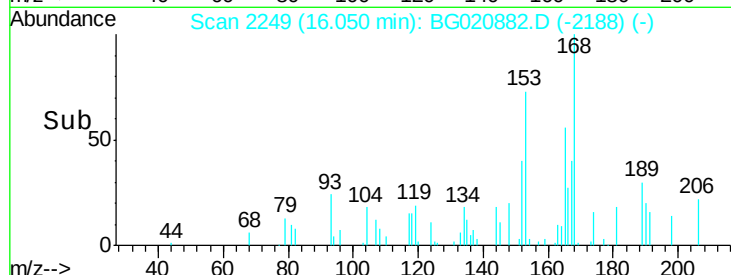
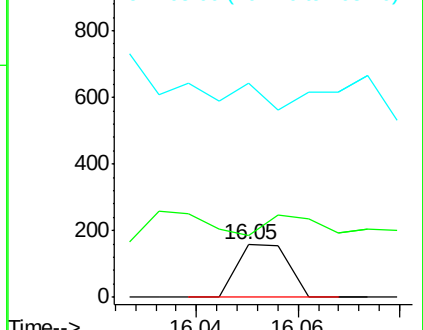
105 409.6 27.0 67.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.91 min Scan# 3246

Delta R.T. 0.00 min

Lab File: BG020882.D

Acq: 12 Feb 2016 7:51

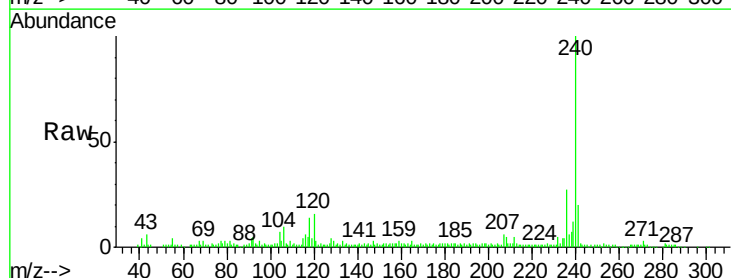
Tgt Ion:240 Resp: 105467

Ion Ratio Lower Upper

240 100

120 15.8 13.0 19.4

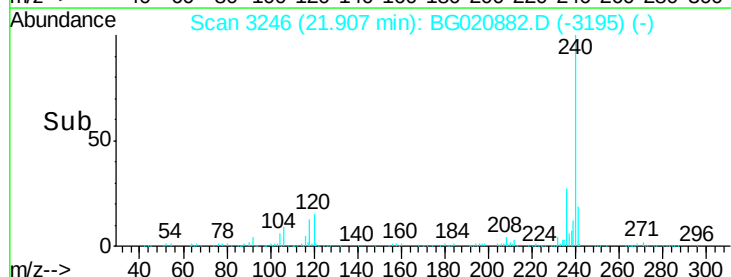
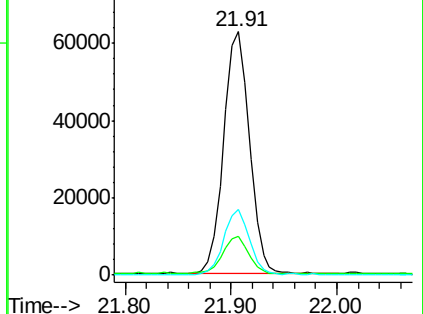
236 26.8 21.0 31.4

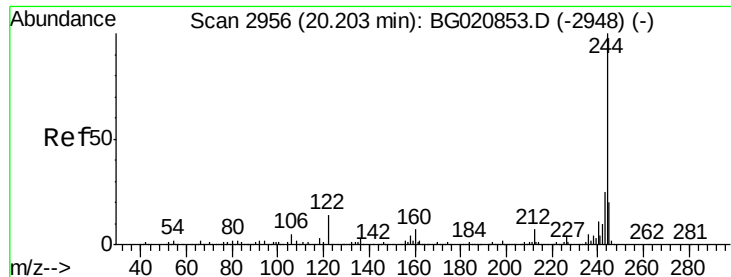


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.00 ng

RT: 20.20 min Scan# 2956

Delta R.T. 0.00 min

Lab File: BG020882.D

Acq: 12 Feb 2016 7:51

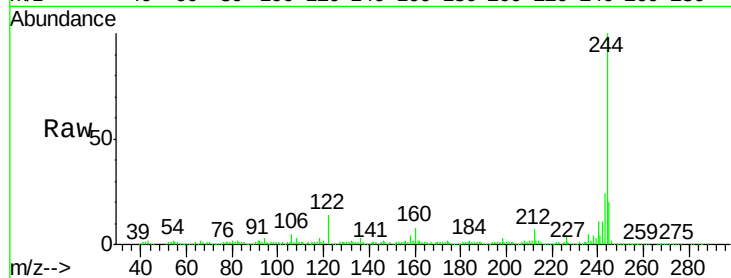
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 357147

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	14.3	11.4	17.2

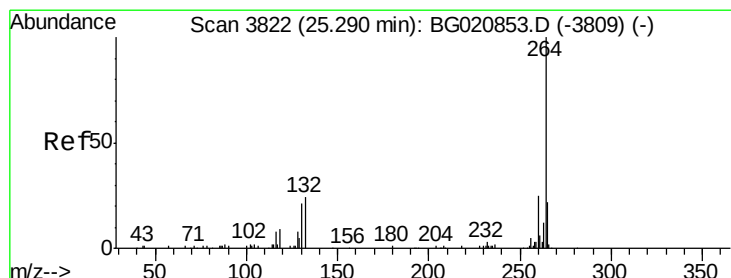
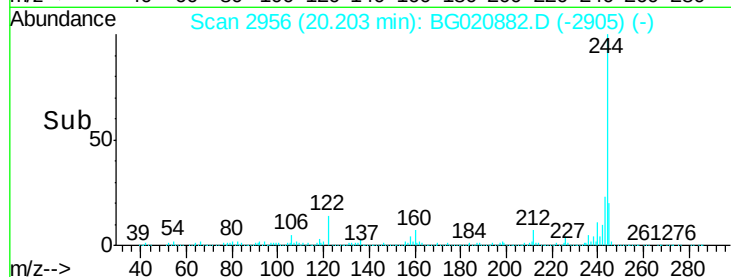
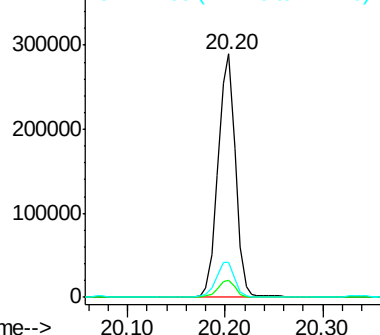


Abundance

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: 25.28 min Scan# 3821

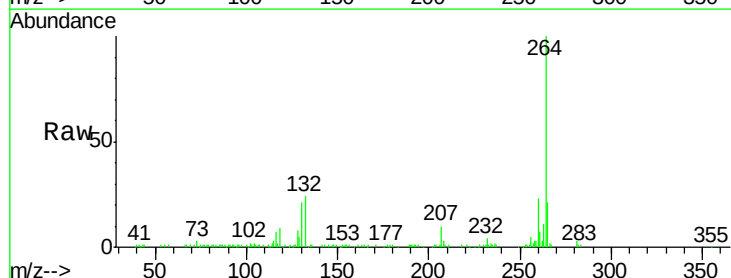
Delta R.T. -0.01 min

Lab File: BG020882.D

Acq: 12 Feb 2016 7:51

Tgt Ion:264 Resp: 102252

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.9	29.9
265	21.3	18.0	27.0



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

