

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021116\
 Data File : BG020883.D
 Acq On : 12 Feb 2016 8:30
 Operator : SJ/UM
 Sample : H1408-02
 Misc : L00 20PPM
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 12 09:57:10 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

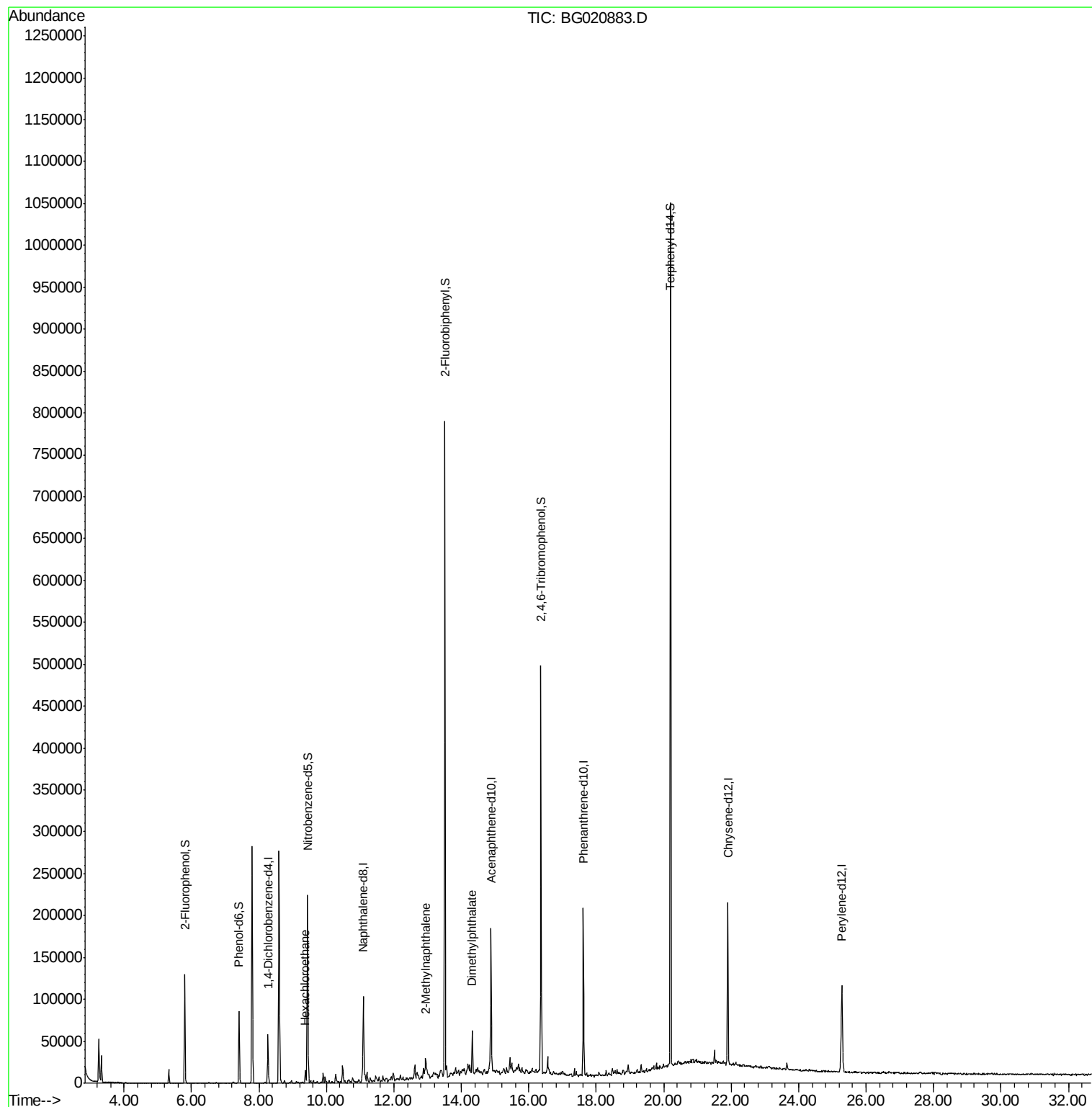
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	18809	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	97193	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	60358	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	115051	20.00	ng	0.00
75) Chrysene-d12	21.90	240	107077	20.00	ng	0.00
86) Perylene-d12	25.28	264	102831	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	71760	64.25	ng	0.00
7) Phenol-d6	7.41	99	63410	38.84	ng	0.00
23) Nitrobenzene-d5	9.44	82	147315	99.66	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	91662	154.43	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	403558	93.92	ng	0.00
78) Terphenyl-d14	20.20	244	440214	95.91	ng	0.00
Target Compounds						
18) Hexachloroethane	9.38	117	2241	4.36	ng	# 1
37) 2-Methylnaphthalene	12.95	142	8690	2.46	ng	# 93
49) Dimethylphthalate	14.32	163	34812	7.38	ng	99

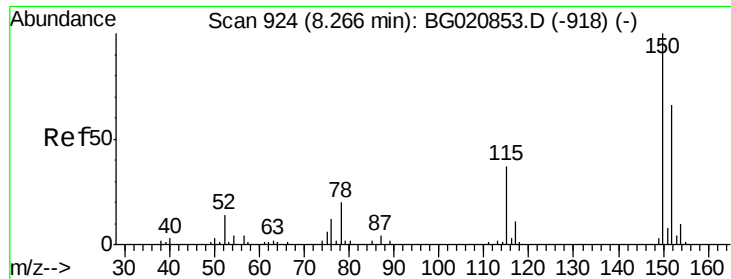
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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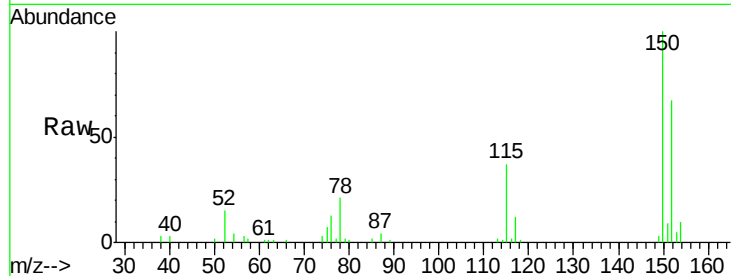


#1

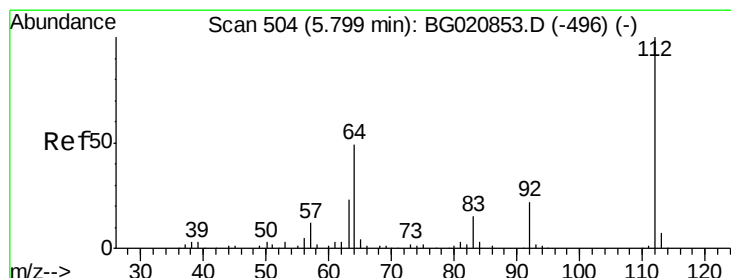
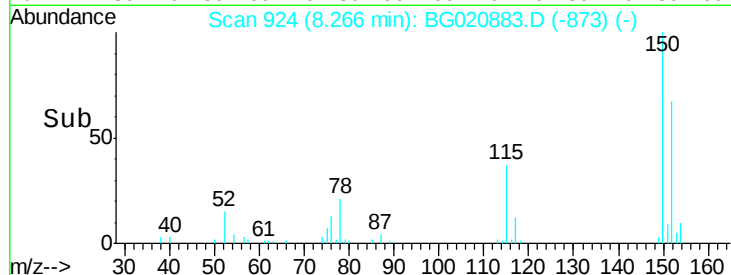
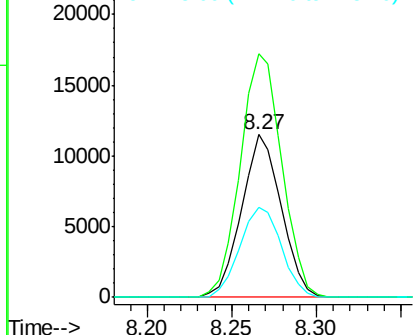
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG020883.D
Acq: 12 Feb 2016 8:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 18809
Ion Ratio Lower Upper
152 100
150 149.4 122.0 183.0
115 55.1 45.2 67.8



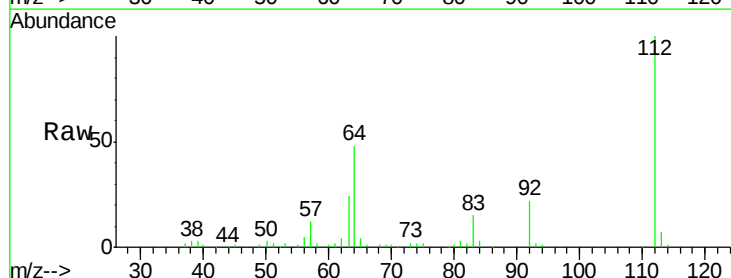
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



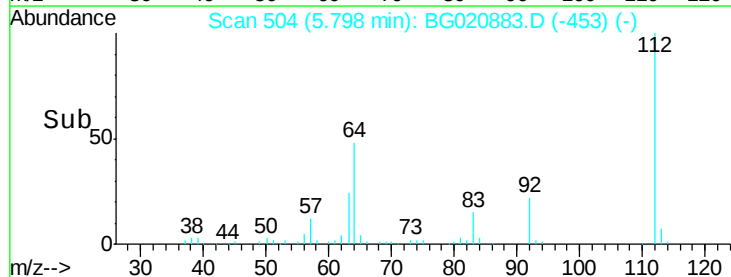
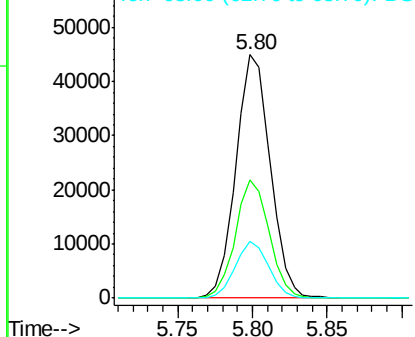
#5

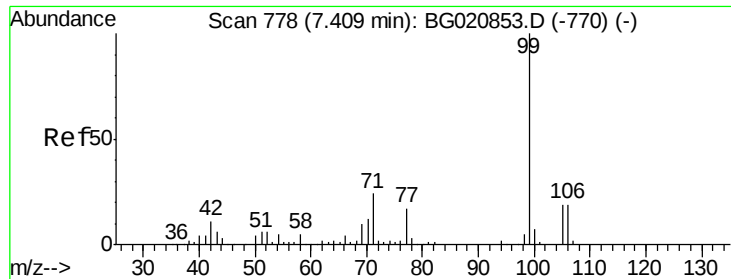
2-Fluorophenol
Concen: 64.25 ng
RT: 5.80 min Scan# 504
Delta R.T. -0.00 min
Lab File: BG020883.D
Acq: 12 Feb 2016 8:30

Tgt Ion:112 Resp: 71760
Ion Ratio Lower Upper
112 100
64 48.3 39.3 58.9
63 23.5 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: 38.84 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG020883.D

Acq: 12 Feb 2016 8:30

Instrument :

BNA_G

ClientSampleId :

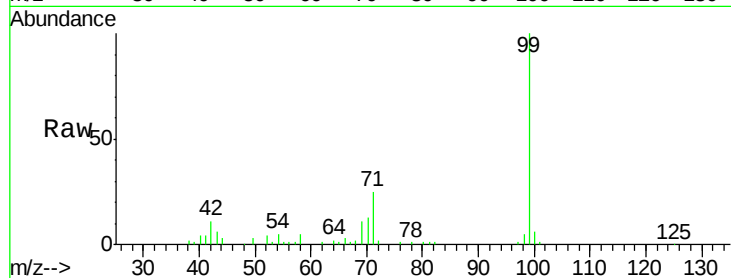
Tot Ion: 99 Resp: 63410

Ion Ratio Lower Upper

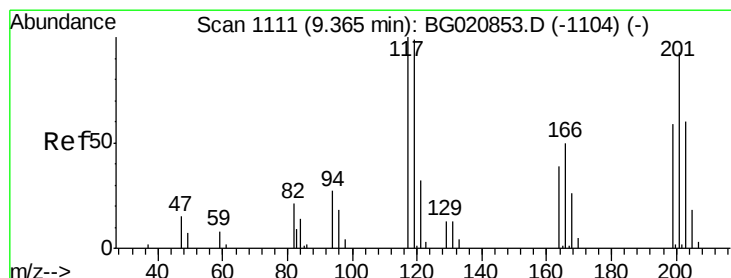
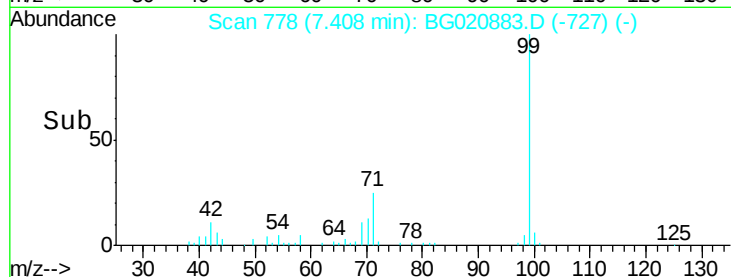
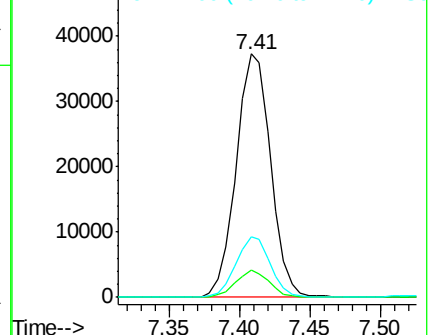
99 100

42 11.0 8.4 12.6

71 25.0 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: 4.36 ng

RT: 9.38 min Scan# 1114

Delta R.T. 0.02 min

Lab File: BG020883.D

Acq: 12 Feb 2016 8:30

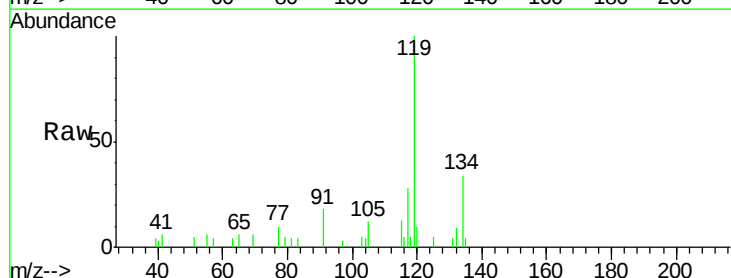
Tgt Ion: 117 Resp: 2241

Ion Ratio Lower Upper

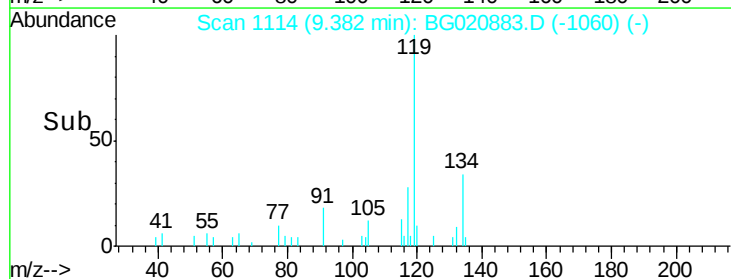
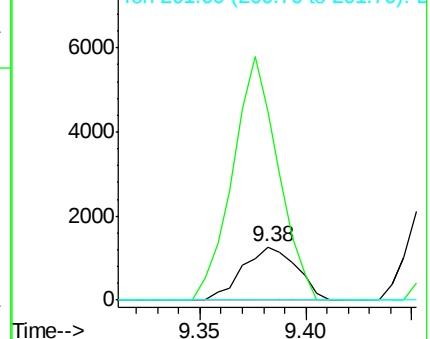
117 100

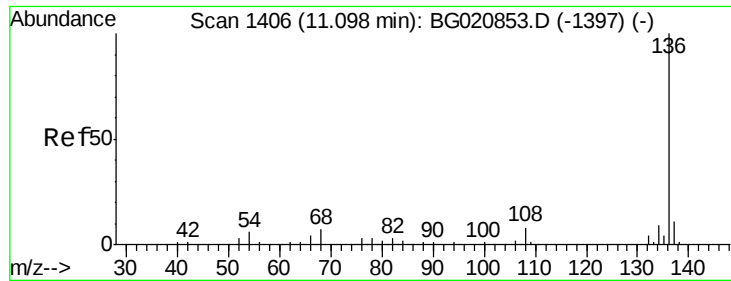
119 353.6 79.6 119.4#

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

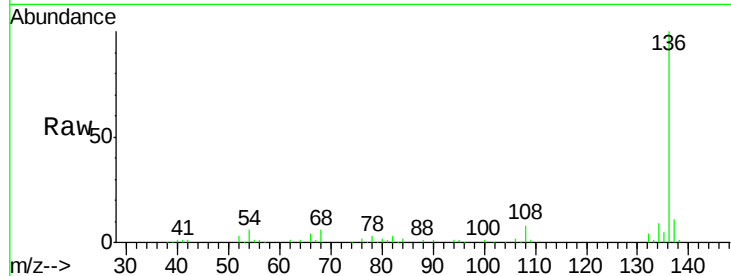




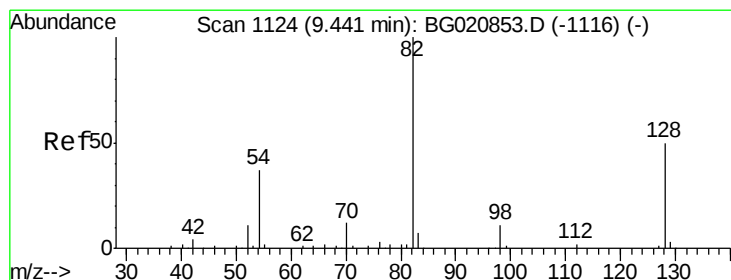
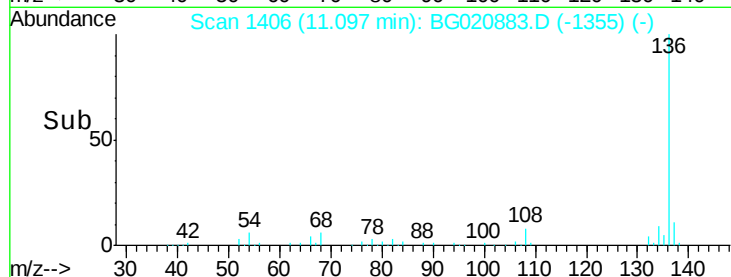
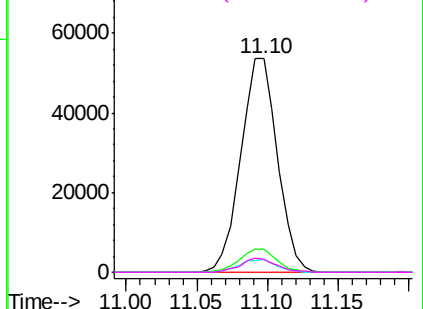
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG020883.D
Acq: 12 Feb 2016 8:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	97193
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.8 13.2
54	6.0	5.0 7.4
68	6.0	5.2 7.8

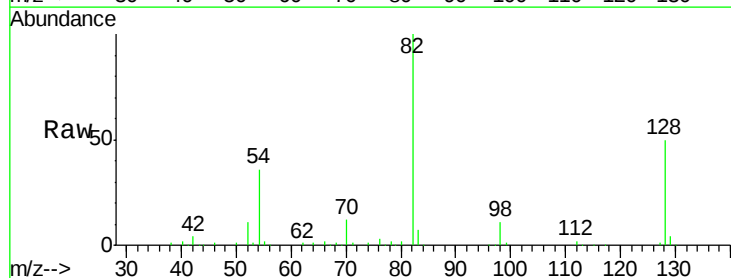


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

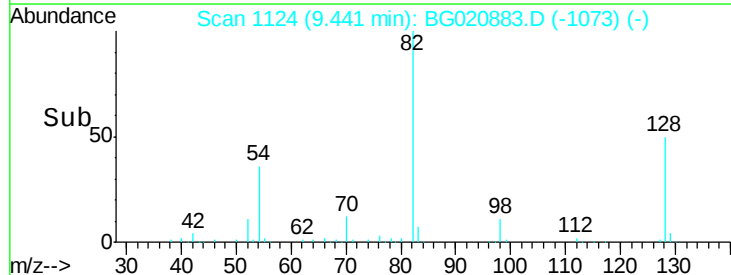
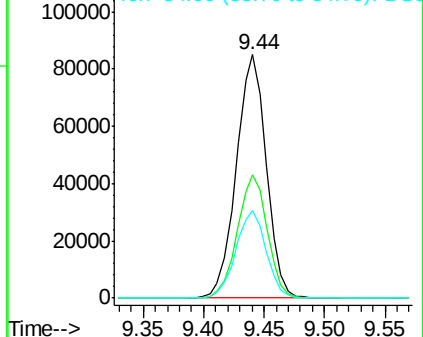


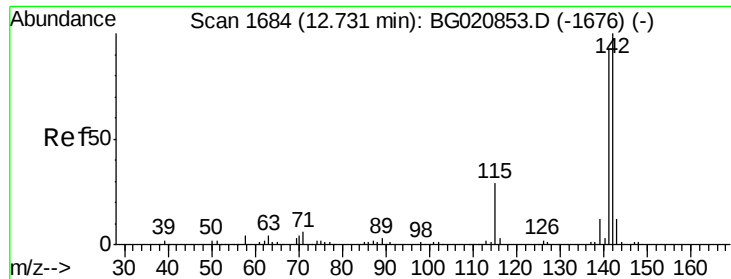
#23
Nitrobenzene-d5
Concen: 99.66 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BG020883.D
Acq: 12 Feb 2016 8:30

Tgt Ion: 82	Resp:	147315
Ion	Ratio	Lower Upper
82	100	
128	50.4	40.1 60.1
54	36.2	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

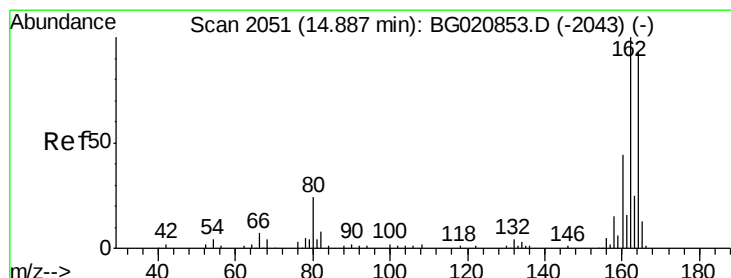
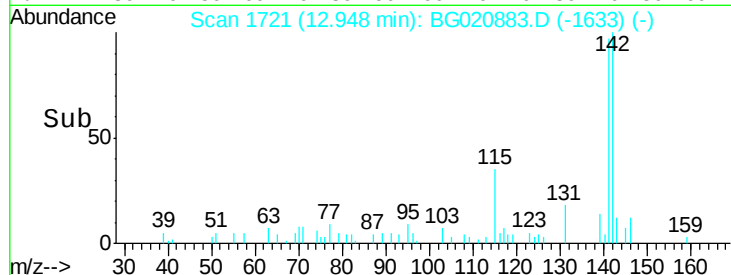
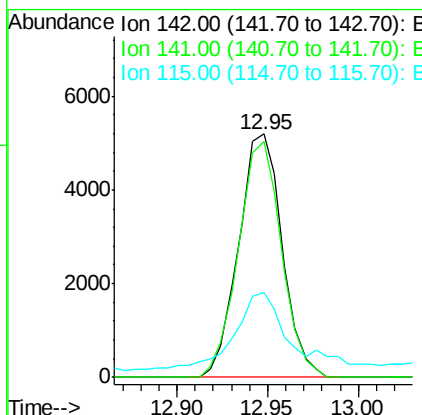
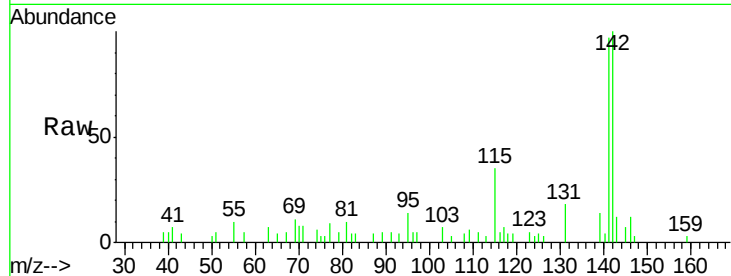




#37
2-Methylnaphthalene
Concen: 2.46 ng
RT: 12.95 min Scan# 1721
Delta R.T. 0.22 min
Lab File: BG020883.D
Acq: 12 Feb 2016 8:30

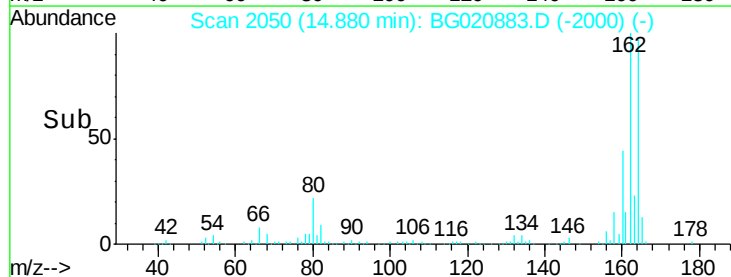
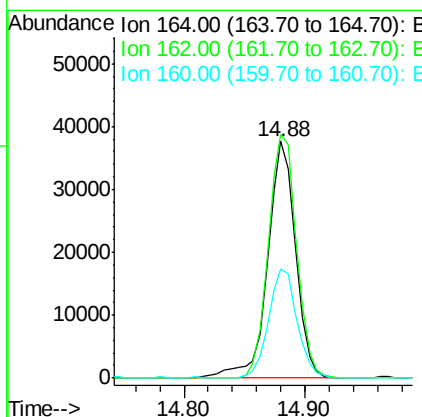
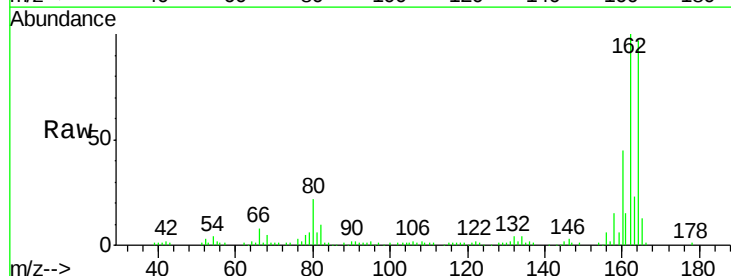
Instrument :
BNA_G
ClientSampleId :

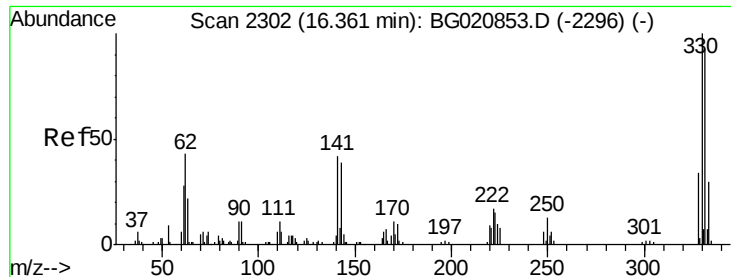
Tot Ion:142 Resp: 8690
Ion Ratio Lower Upper
142 100
141 96.8 73.4 110.2
115 35.1 23.0 34.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG020883.D
Acq: 12 Feb 2016 8:30

Tgt Ion:164 Resp: 60358
Ion Ratio Lower Upper
164 100
162 102.8 85.7 128.5
160 46.0 37.4 56.0





#41

2,4,6-Tribromophenol

Concen: 154.43 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BG020883.D

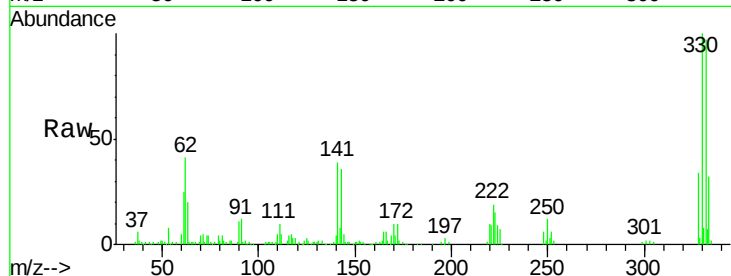
Acq: 12 Feb 2016 8:30

Instrument :

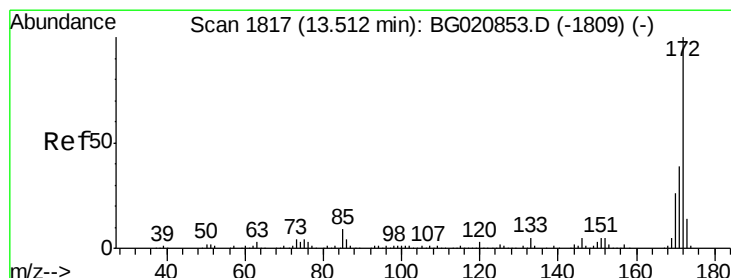
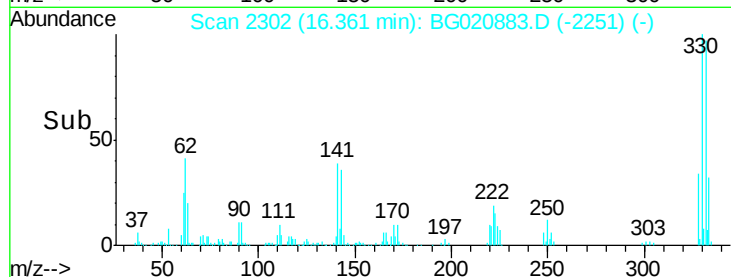
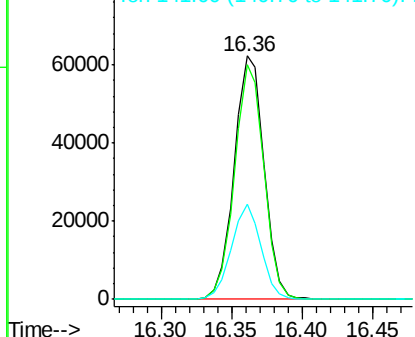
BNA_G

ClientSampleId :

Tot Ion:	330	Resp:	91662
Ion Ratio	Lower	Upper	
330	100		
332	94.6	76.1	114.1
141	38.8	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: 93.92 ng

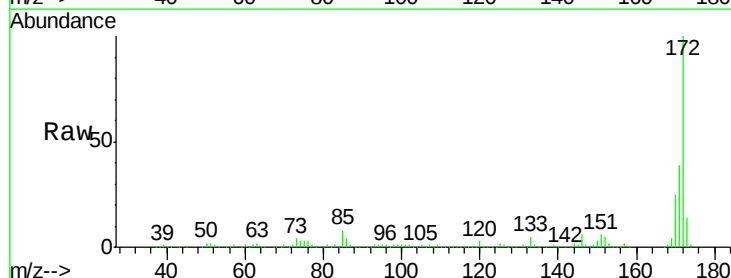
RT: 13.51 min Scan# 1817

Delta R.T. -0.00 min

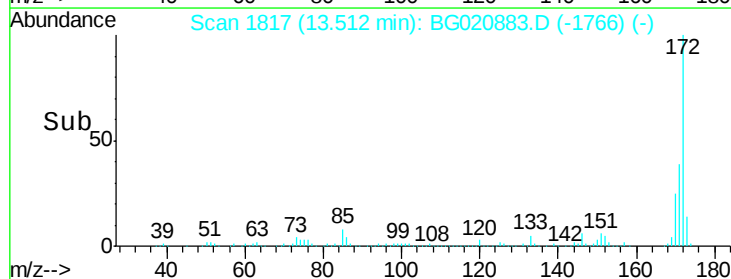
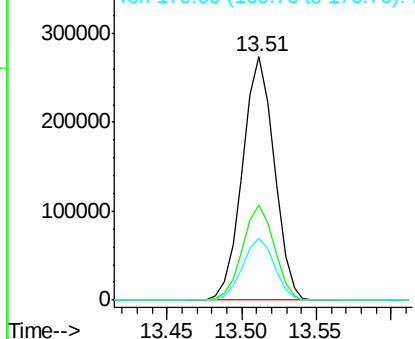
Lab File: BG020883.D

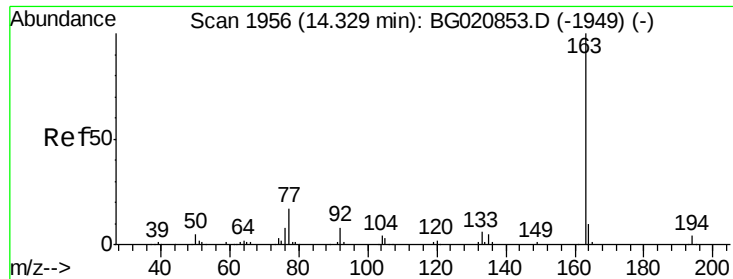
Acq: 12 Feb 2016 8:30

Tgt Ion:	172	Resp:	403558
Ion Ratio	Lower	Upper	
172	100		
171	39.0	31.2	46.8
170	25.3	20.6	30.8



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





#49

Dimethylphthalate

Concen: 7.38 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG020883.D

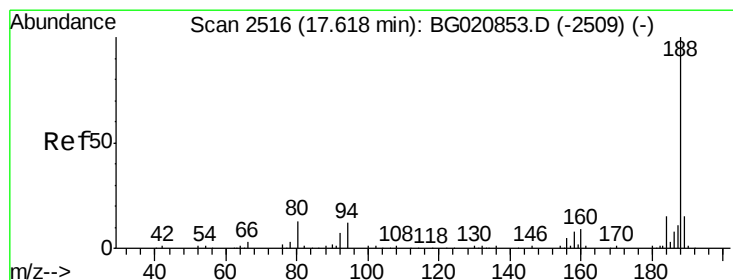
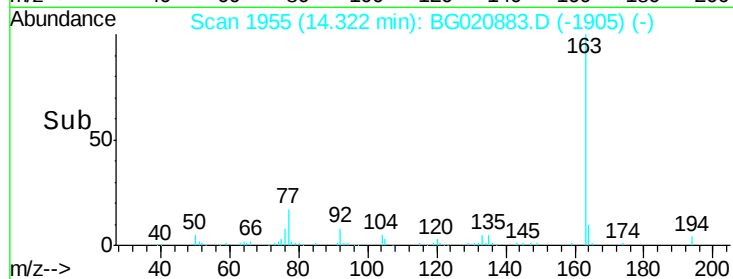
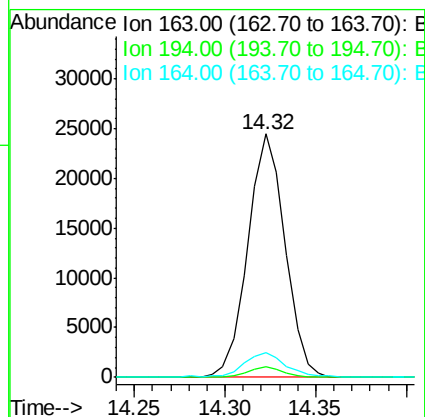
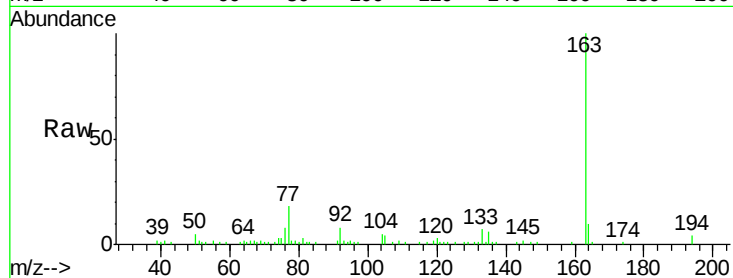
Acq: 12 Feb 2016 8:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion:163	Resp:	34812
Ion Ratio	Lower	Upper
163	100	
194	4.2	3.1 4.7
164	10.1	8.3 12.5



#63

Phenanthrene-d10

Concen: 20.00 ng

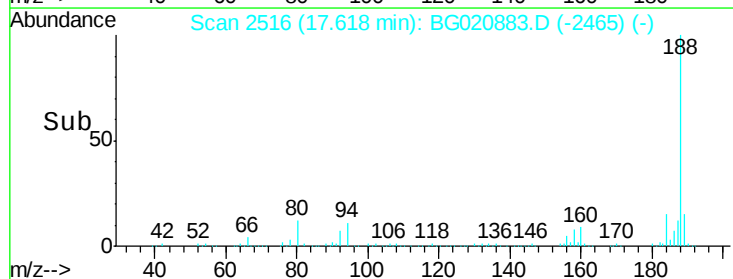
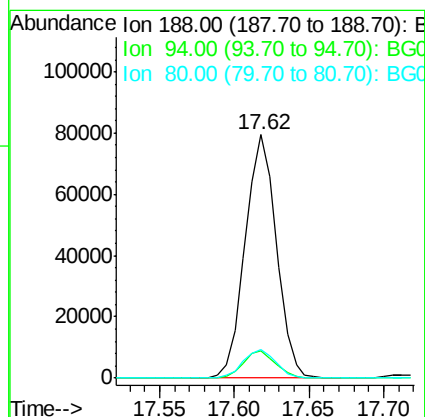
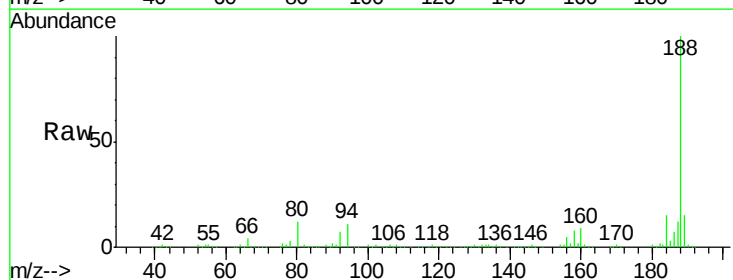
RT: 17.62 min Scan# 2516

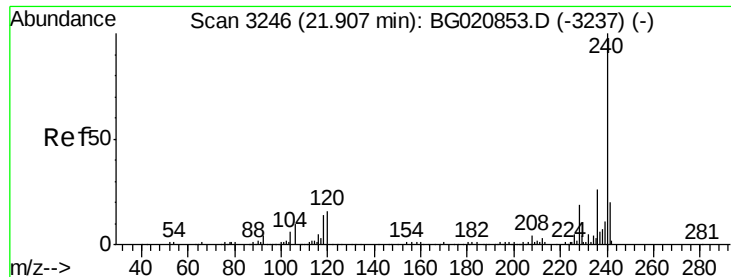
Delta R.T. -0.00 min

Lab File: BG020883.D

Acq: 12 Feb 2016 8:30

Tgt Ion:188	Resp:	115051
Ion Ratio	Lower	Upper
188	100	
94	11.3	9.4 14.0
80	11.7	10.2 15.4

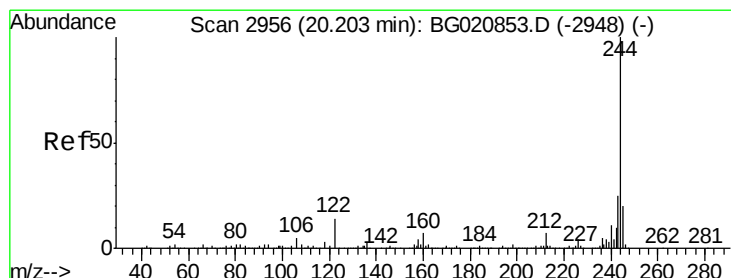
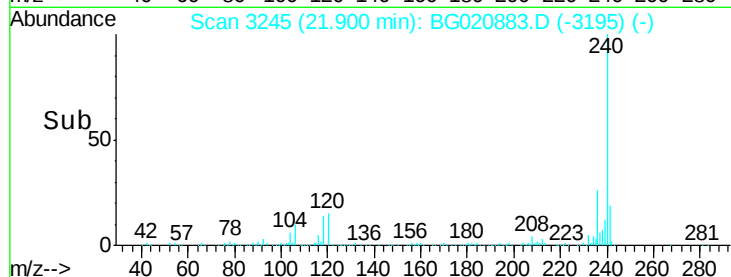
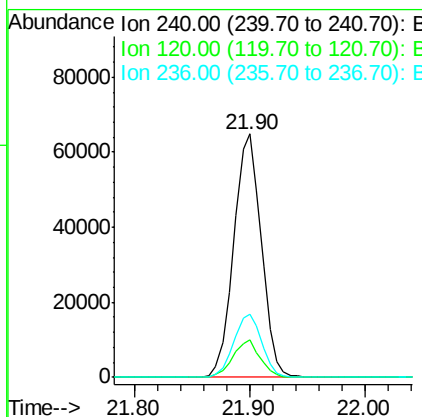
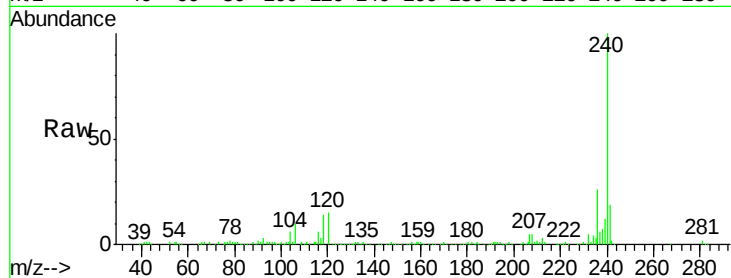




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.90 min Scan# 3245
Delta R.T. -0.01 min
Lab File: BG020883.D
Acq: 12 Feb 2016 8:30

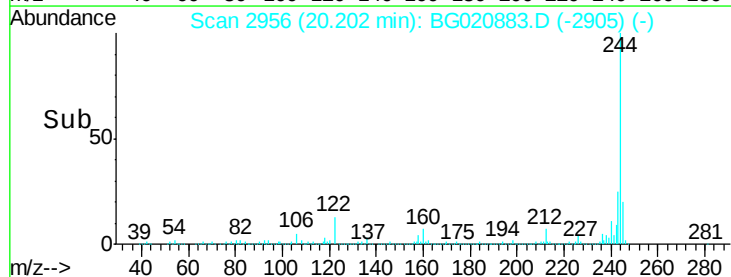
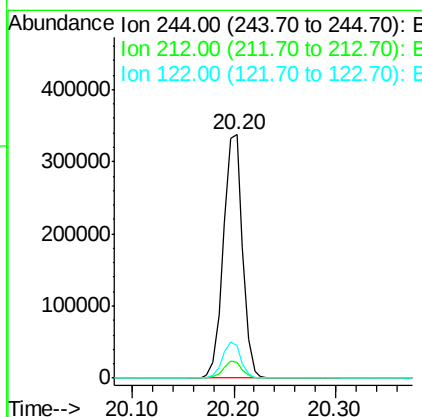
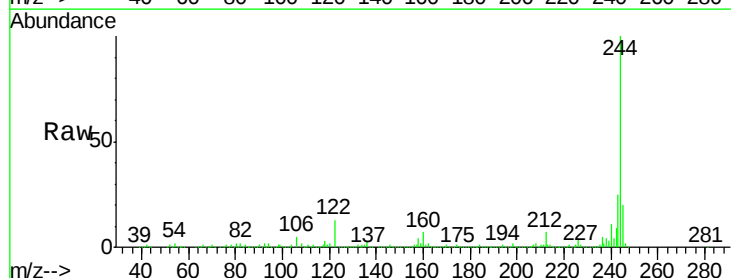
Instrument :
BNA_G
ClientSampleId :

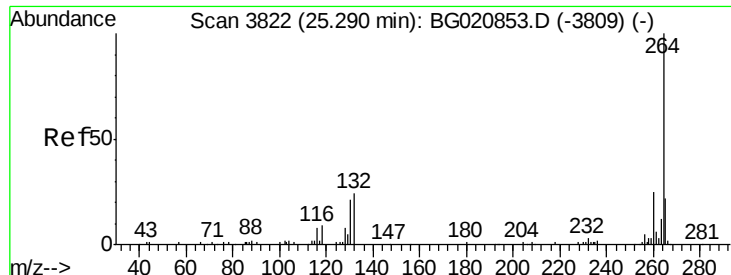
Tot Ion:240 Resp: 107077
Ion Ratio Lower Upper
240 100
120 15.3 13.0 19.4
236 25.8 21.0 31.4



#78
Terphenyl-d14
Concen: 95.91 ng
RT: 20.20 min Scan# 2956
Delta R.T. -0.00 min
Lab File: BG020883.D
Acq: 12 Feb 2016 8:30

Tgt Ion:244 Resp: 440214
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 13.5 11.4 17.2

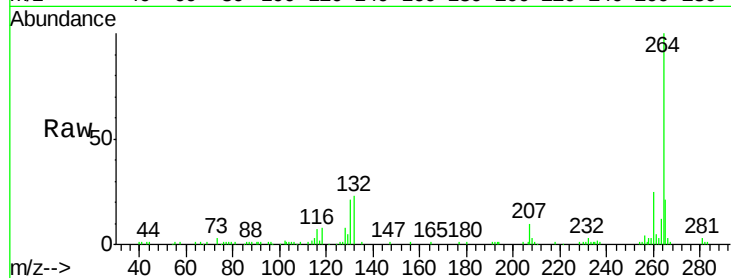




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.28 min Scan# 3820
 Delta R.T. -0.01 min
 Lab File: BG020883.D
 Acq: 12 Feb 2016 8:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	264	Resp:	102831
Ion	Ratio	Lower	Upper
264	100		
260	24.6	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

