

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021116\
 Data File : BG020887.D
 Acq On : 12 Feb 2016 11:07
 Operator : SJ/UM
 Sample : H1408-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 12 12:05:19 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

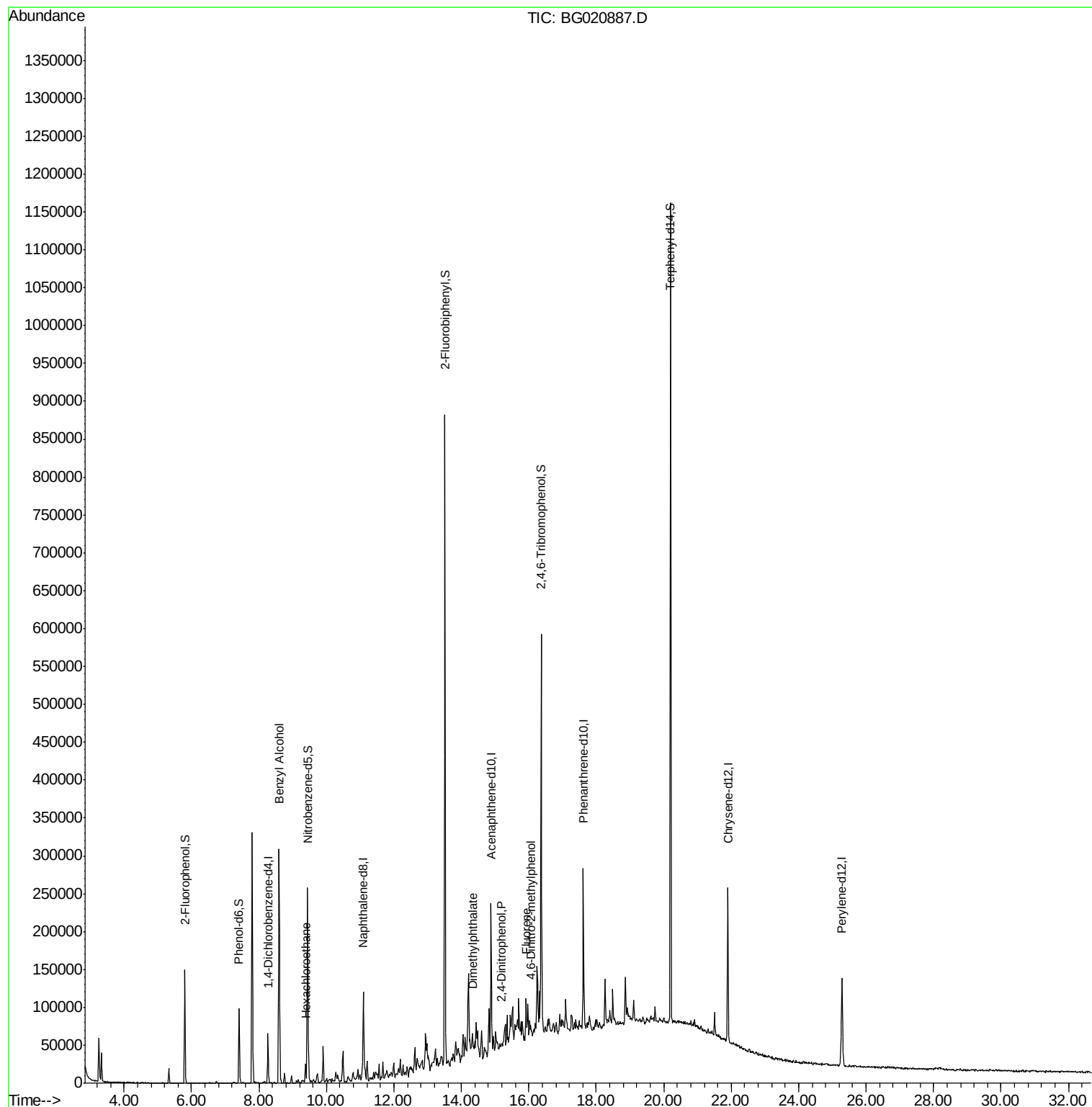
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	21366	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	107613	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	62642	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	121643	20.00	ng	0.00
75) Chrysene-d12	21.90	240	115016	20.00	ng	0.00
86) Perylene-d12	25.28	264	108793	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	84339	66.47	ng	0.00
7) Phenol-d6	7.41	99	72526	39.11	ng	0.00
23) Nitrobenzene-d5	9.44	82	168120	102.72	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	97571	158.39	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	443736	99.51	ng	0.00
78) Terphenyl-d14	20.20	244	447102	90.69	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.59	79	2382	2.04	ng	# 41
18) Hexachloroethane	9.39	117	8102	13.87	ng	# 38
49) Dimethylphthalate	14.32	163	16497	3.37	ng	# 95
53) 2,4-Dinitrophenol	15.17	184	293	9.01	ng	# 50
57) Fluorene	15.92	166	12949	2.55	ng	# 91
64) 4,6-Dinitro-2-methylphenol	16.05	198	374	6.05	ng	# 1

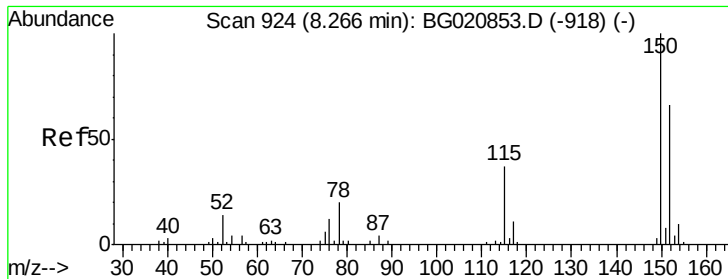
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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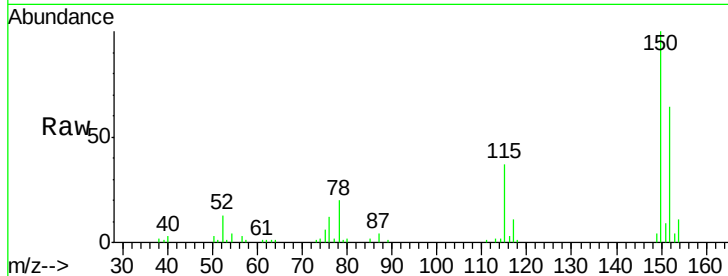


#1

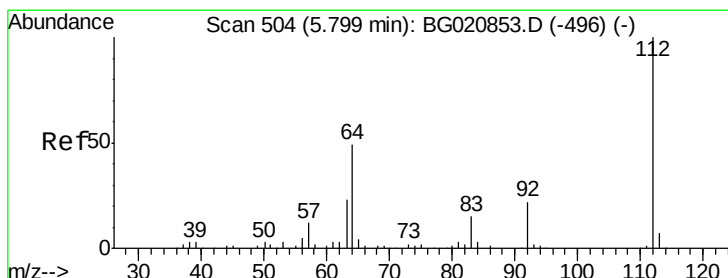
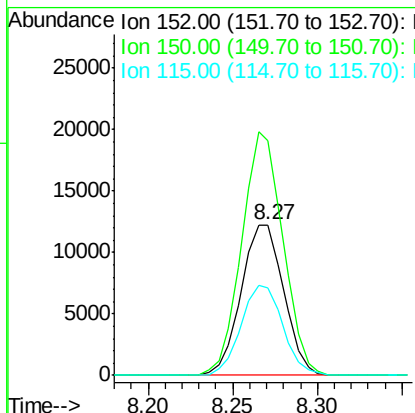
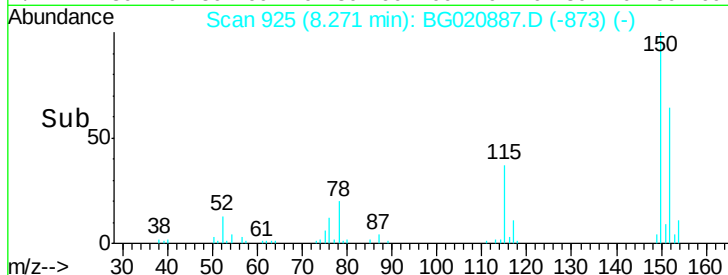
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.27 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BG020887.D
 Acq: 12 Feb 2016 11:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	122.0	183.0
115	58.0	45.2	67.8



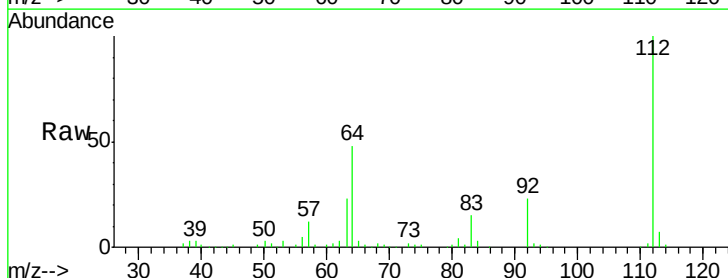
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



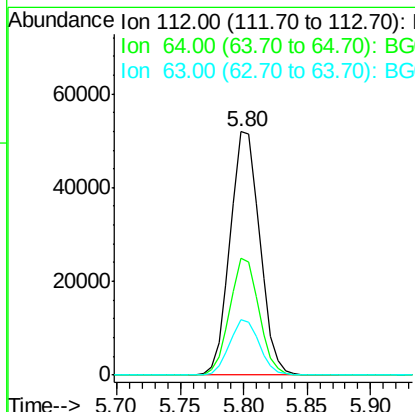
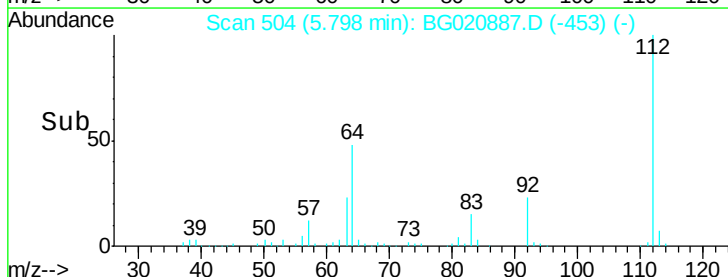
#5

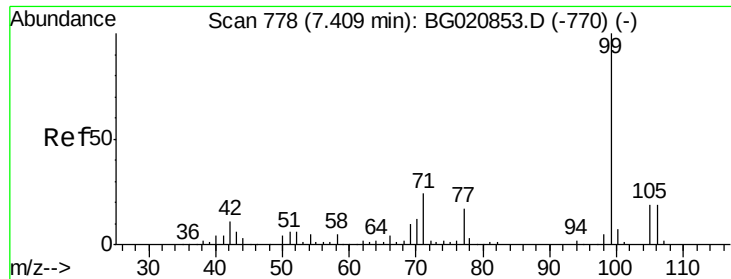
2-Fluorophenol
 Concen: 66.47 ng
 RT: 5.80 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BG020887.D
 Acq: 12 Feb 2016 11:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.8	39.3	58.9
63	22.8	18.2	27.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 39.11 ng

RT: 7.41 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG020887.D

Acq: 12 Feb 2016 11:07

Instrument :

BNA_G

ClientSampled :

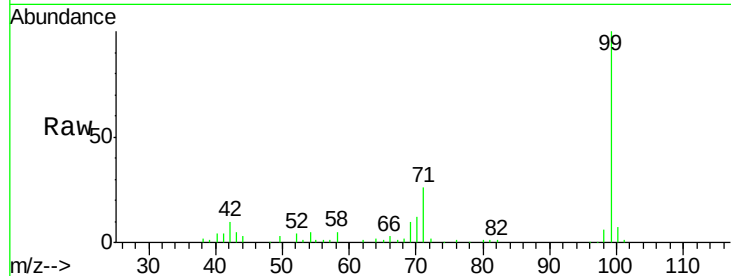
Tot Ion: 99 Resp: 72526

Ion Ratio Lower Upper

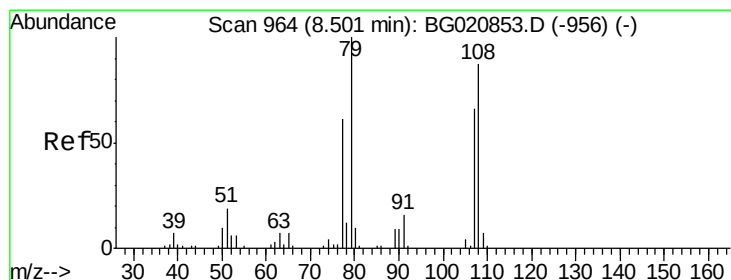
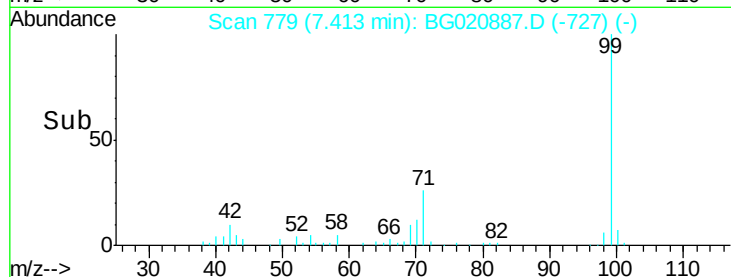
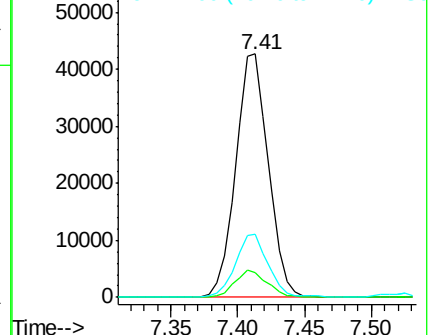
99 100

42 9.9 8.4 12.6

71 25.8 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



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 8.59 min Scan# 980

Delta R.T. 0.09 min

Lab File: BG020887.D

Acq: 12 Feb 2016 11:07

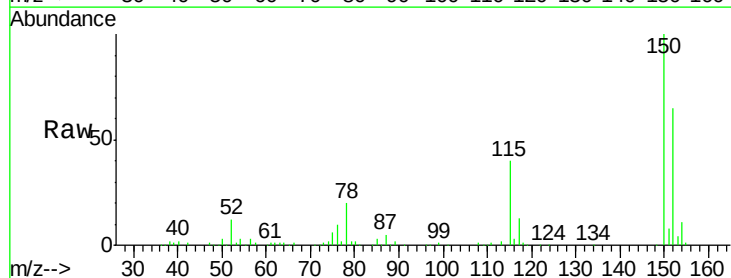
Tgt Ion: 79 Resp: 2382

Ion Ratio Lower Upper

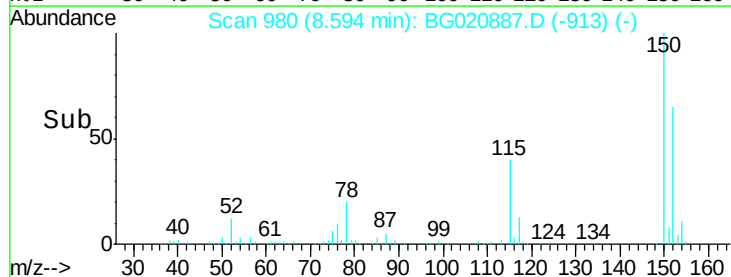
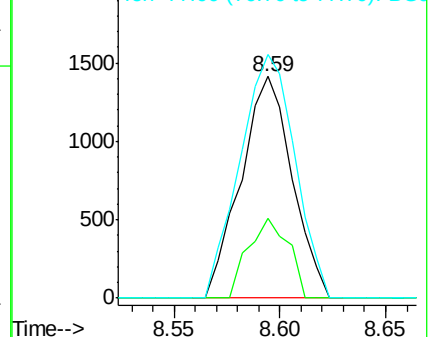
79 100

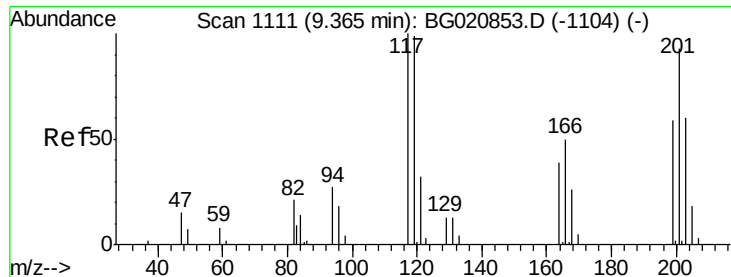
108 36.1 69.4 104.2#

77 109.8 48.6 73.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

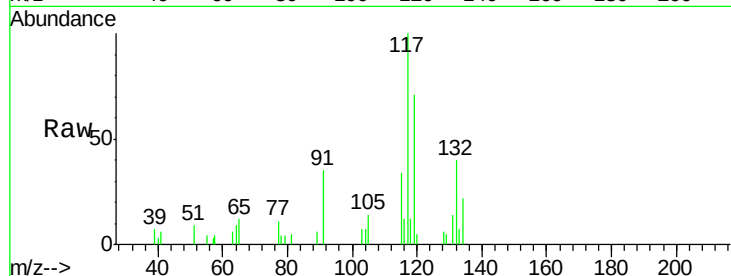




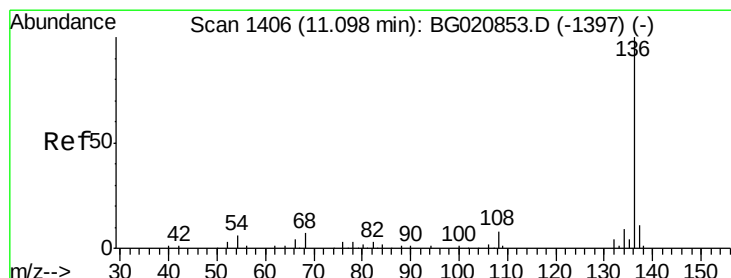
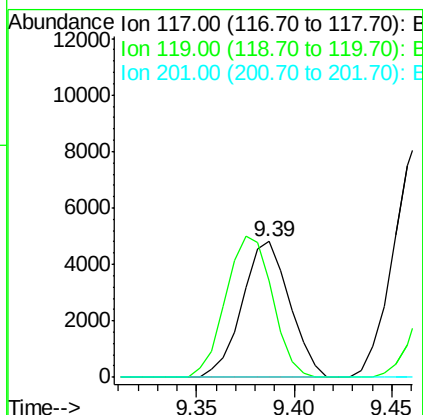
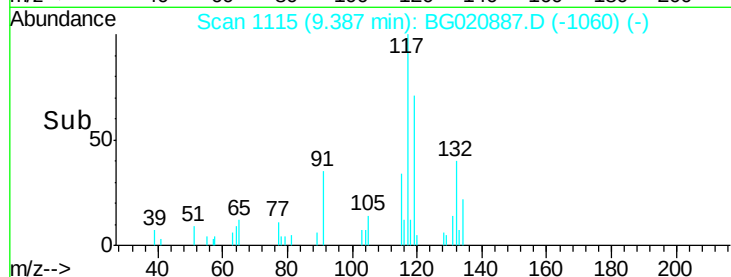
#18
Hexachloroethane
Concen: 13.87 ng
RT: 9.39 min Scan# 1115
Delta R.T. 0.02 min
Lab File: BG020887.D
Acq: 12 Feb 2016 11:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:117 Resp: 8102
Ion Ratio Lower Upper
117 100
119 70.6 79.6 119.4#
201 0.0 74.5 111.7#

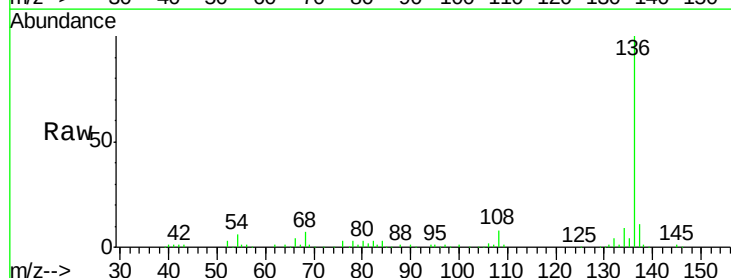


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

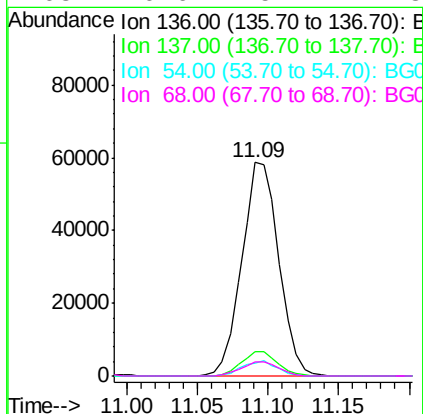
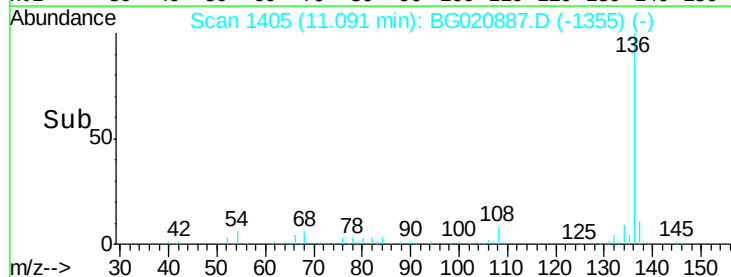


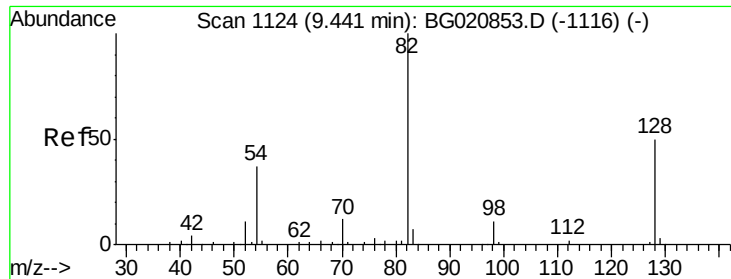
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG020887.D
Acq: 12 Feb 2016 11:07

Tgt Ion:136 Resp: 107613
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.1 5.0 7.4
68 6.6 5.2 7.8



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

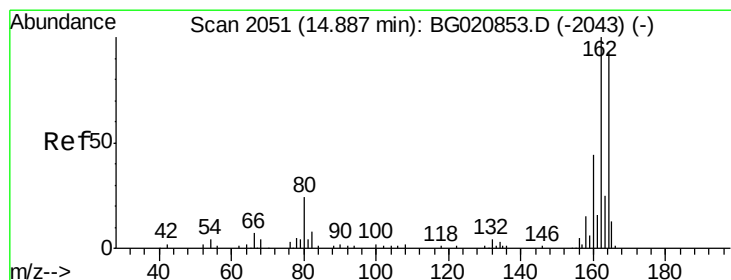
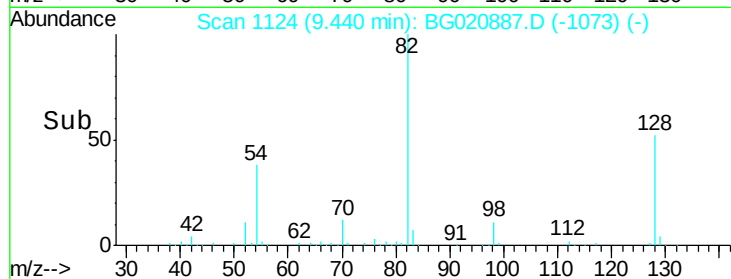
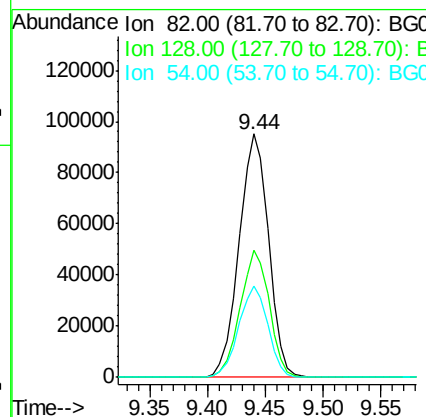
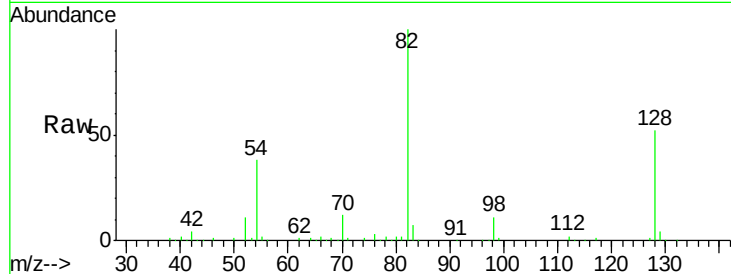




#23
 Nitrobenzene-d5
 Concen: 102.72 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BG020887.D
 Acq: 12 Feb 2016 11:07

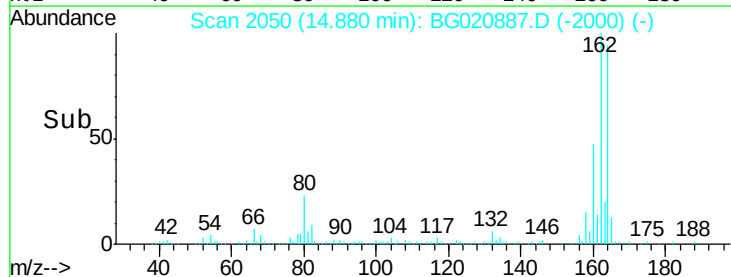
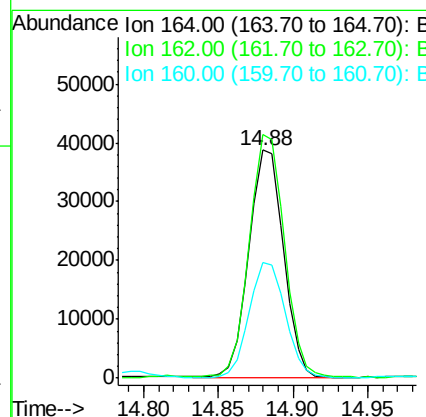
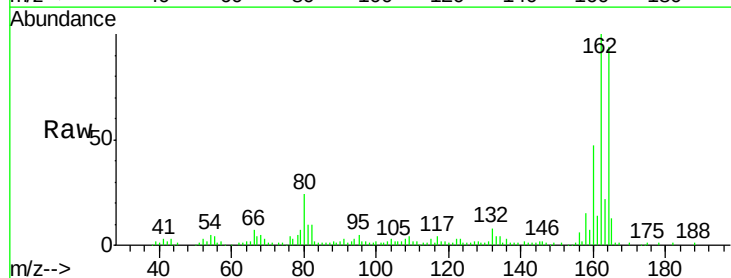
Instrument :
 BNA_G
 ClientSampleId :

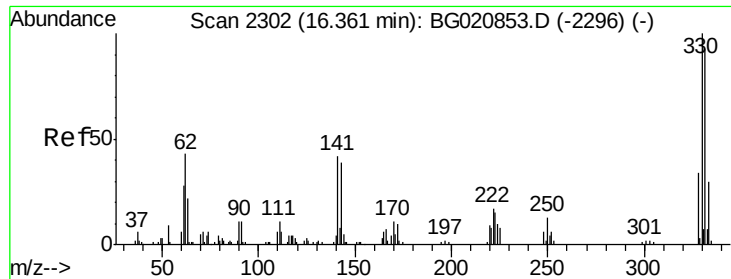
Tot Ion	82	Resp	168120
Ion Ratio	Lower	Upper	
82	100		
128	52.1	40.1	60.1
54	37.6	29.5	44.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG020887.D
 Acq: 12 Feb 2016 11:07

Tgt Ion	164	Resp	62642
Ion Ratio	Lower	Upper	
164	100		
162	106.9	85.7	128.5
160	50.7	37.4	56.0

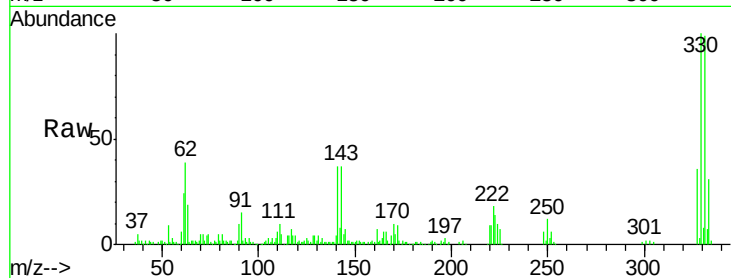




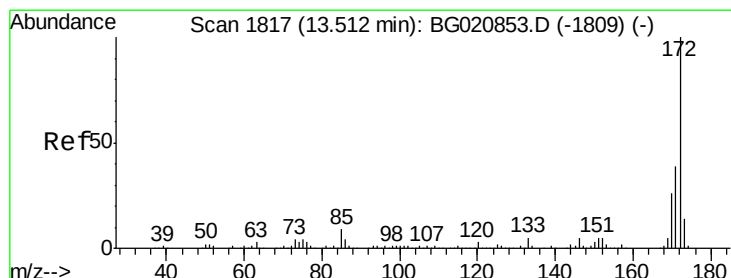
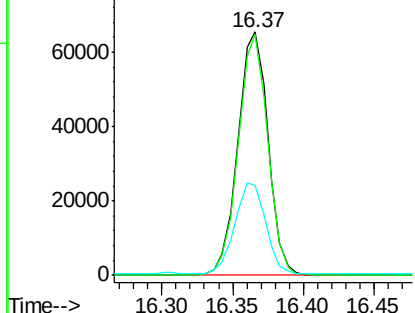
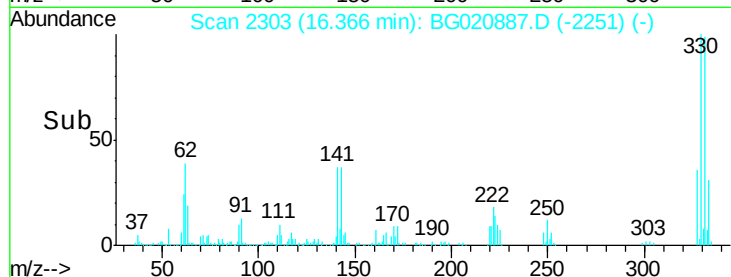
#41
 2,4,6-Tribromophenol
 Concen: 158.39 ng
 RT: 16.37 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: BG020887.D
 Acq: 12 Feb 2016 11:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.1	114.1
141	38.4	32.0	48.0

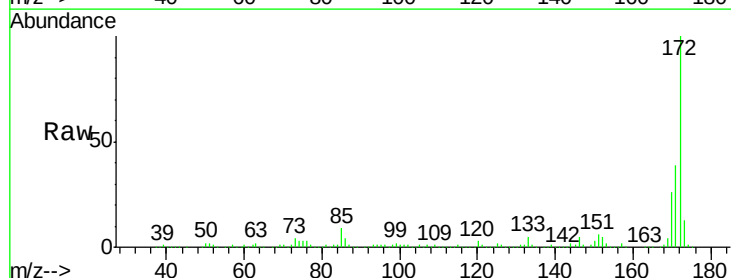


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

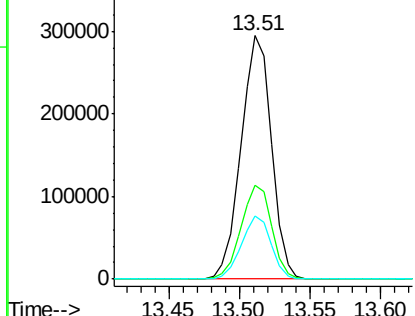
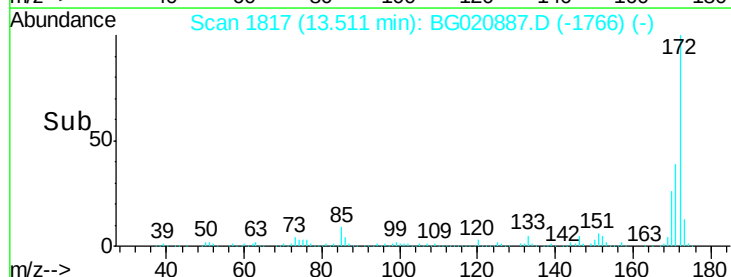


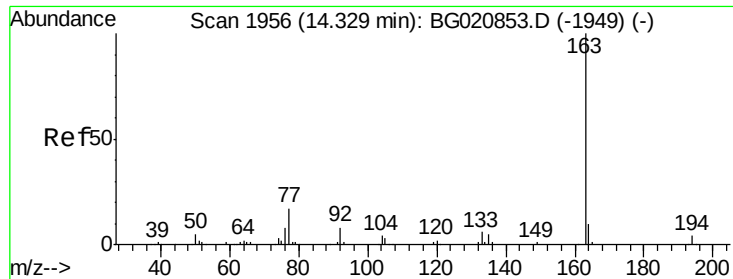
#44
 2-Fluorobiphenyl
 Concen: 99.51 ng
 RT: 13.51 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG020887.D
 Acq: 12 Feb 2016 11:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.2	46.8
170	26.2	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: 3.37 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG020887.D

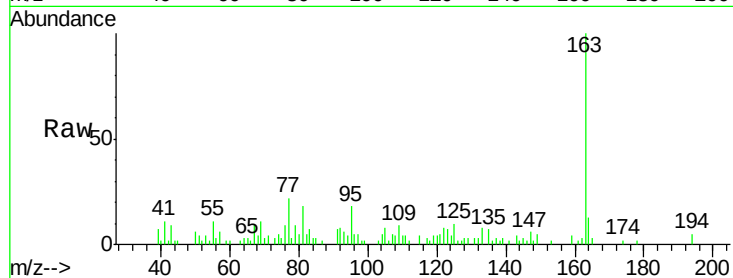
Acq: 12 Feb 2016 11:07

Instrument :

BNA_G

ClientSampled :

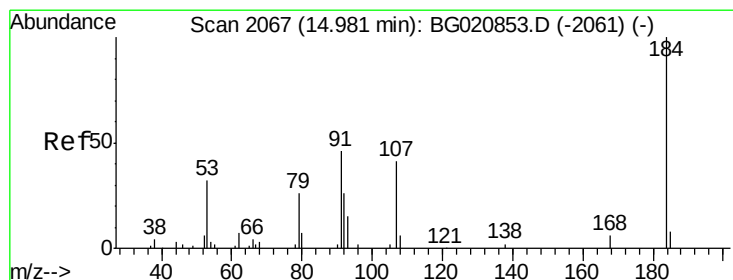
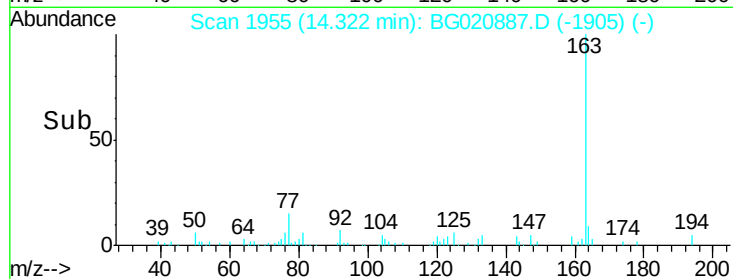
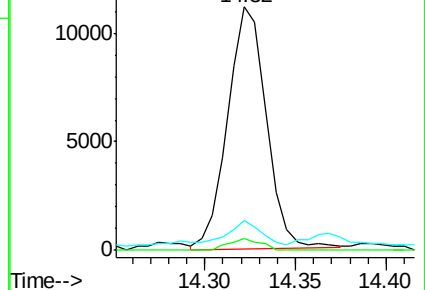
Tot Ion:163	Resp:	16497
Ion Ratio	Lower	Upper
163	100	
194	4.8	3.1 4.7#
164	12.5	8.3 12.5#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 9.01 ng

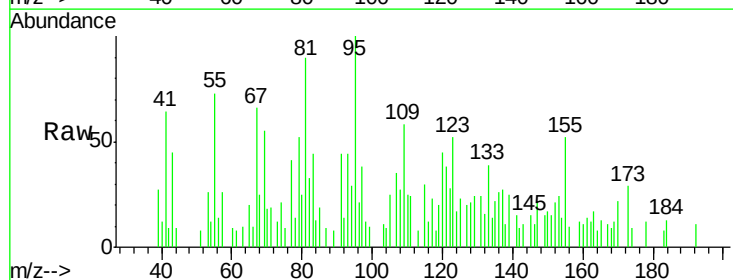
RT: 15.17 min Scan# 2100

Delta R.T. 0.19 min

Lab File: BG020887.D

Acq: 12 Feb 2016 11:07

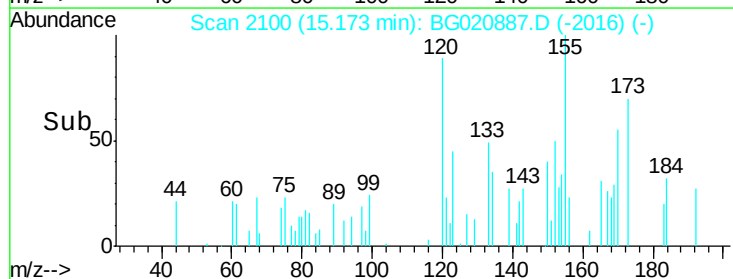
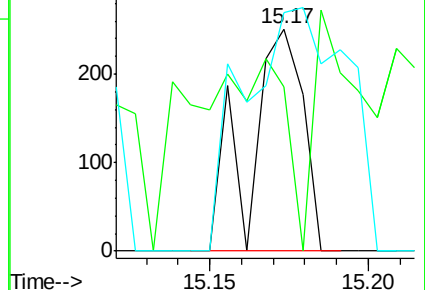
Tgt Ion:184	Resp:	293
Ion Ratio	Lower	Upper
184	100	
63	73.7	39.8 59.6#
154	107.6	48.1 72.1#

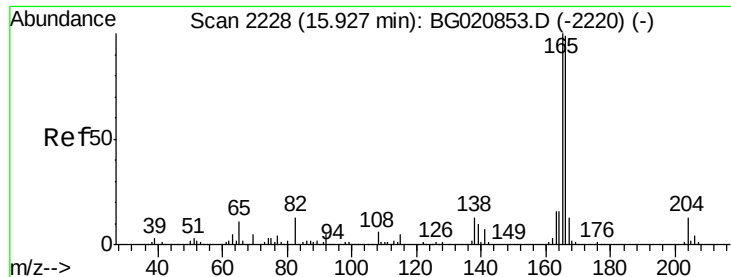


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

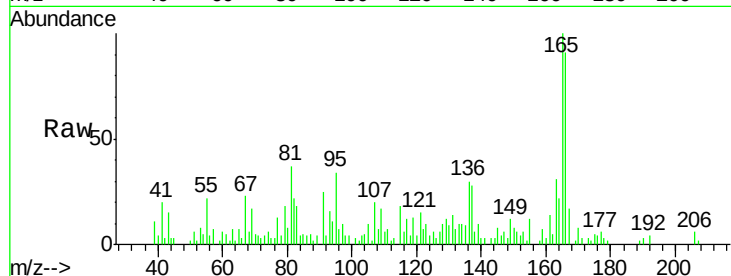




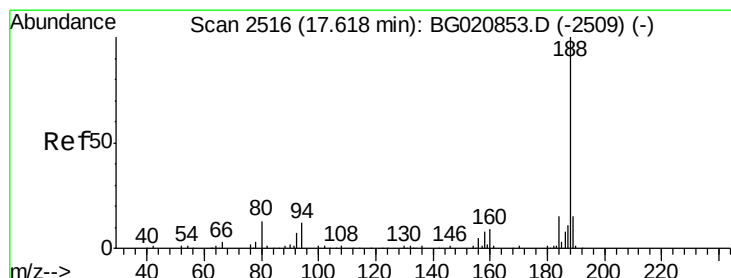
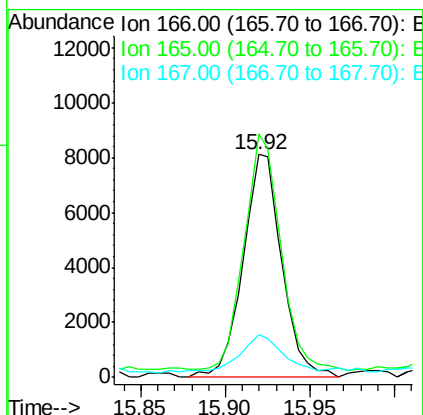
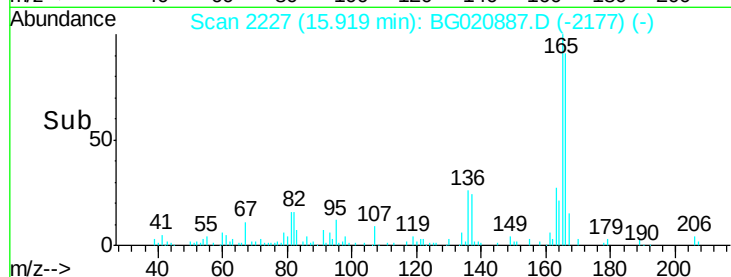
#57
Fluorene
 Concen: 2.55 ng
 RT: 15.92 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG020887.D
 Acq: 12 Feb 2016 11:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	109.3	81.0	121.4
167	19.0	10.8	16.2#

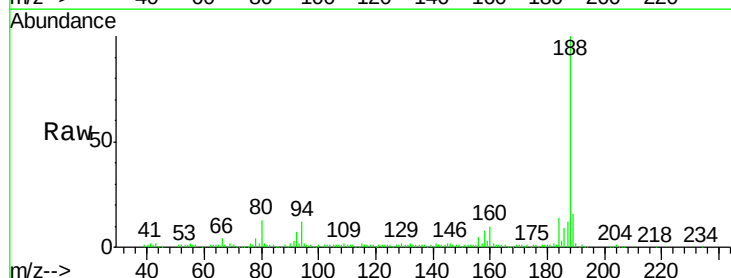


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

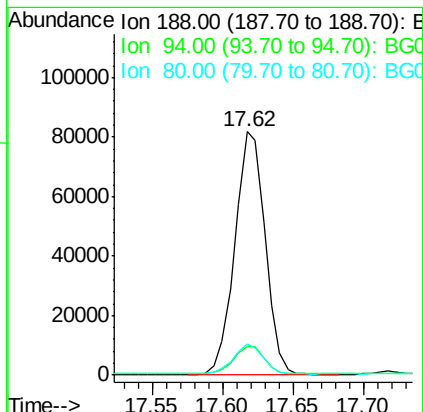
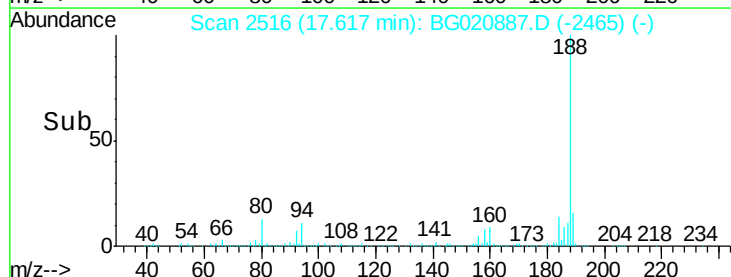


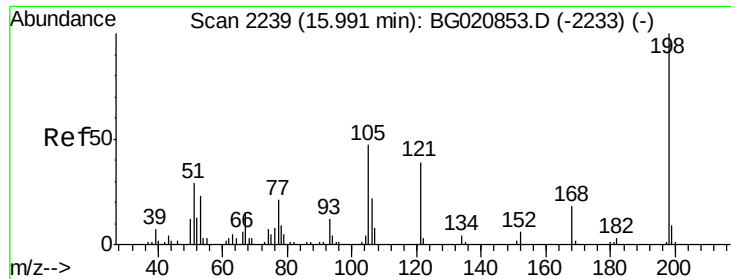
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.00 min
 Lab File: BG020887.D
 Acq: 12 Feb 2016 11:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.0
80	13.0	10.2	15.4



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG0
 Ion 80.00 (79.70 to 80.70): BG0

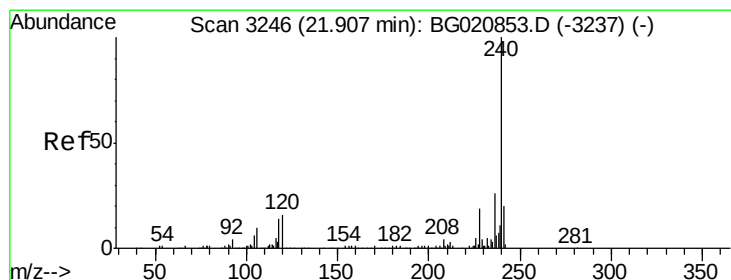
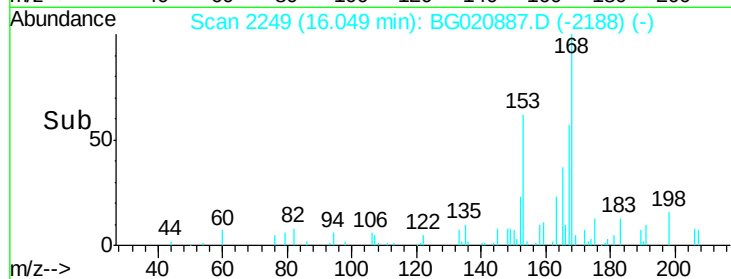
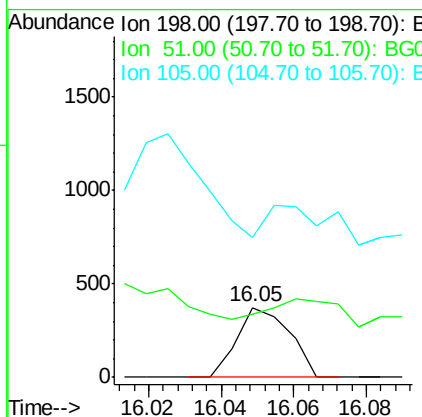
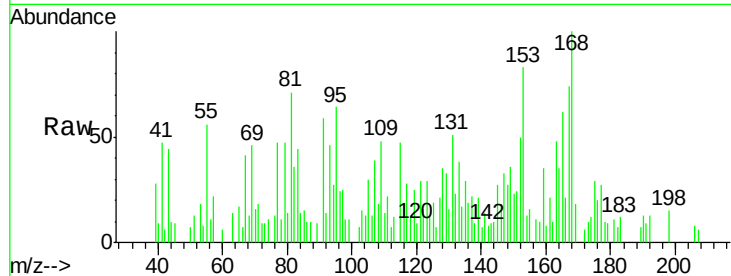




#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.05 ng
 RT: 16.05 min Scan# 2249
 Delta R.T. 0.06 min
 Lab File: BG020887.D
 Acq: 12 Feb 2016 11:07

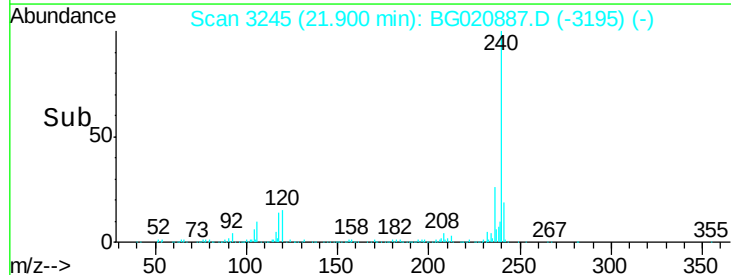
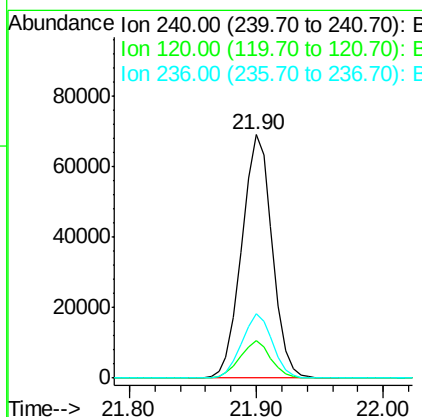
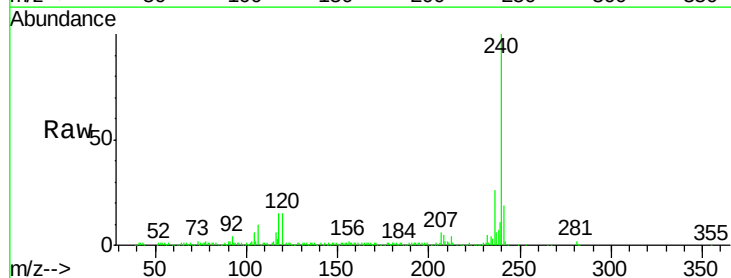
Instrument :
 BNA_G
 ClientSampleId :

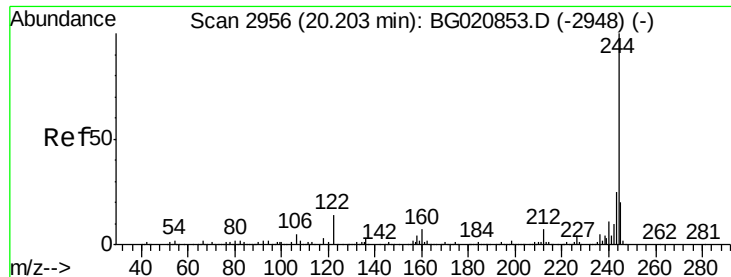
Tot Ion:198 Resp: 374
 Ion Ratio Lower Upper
 198 100
 51 90.7 10.6 50.6#
 105 200.3 27.0 67.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.90 min Scan# 3245
 Delta R.T. -0.01 min
 Lab File: BG020887.D
 Acq: 12 Feb 2016 11:07

Tgt Ion:240 Resp: 115016
 Ion Ratio Lower Upper
 240 100
 120 15.4 13.0 19.4
 236 26.2 21.0 31.4





#78

Terphenyl-d14

Concen: 90.69 ng

RT: 20.20 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BG020887.D

Acq: 12 Feb 2016 11:07

Instrument :

BNA_G

ClientSampled :

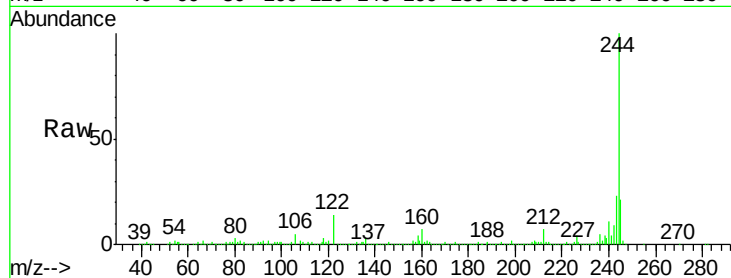
Tot Ion:244 Resp: 447102

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

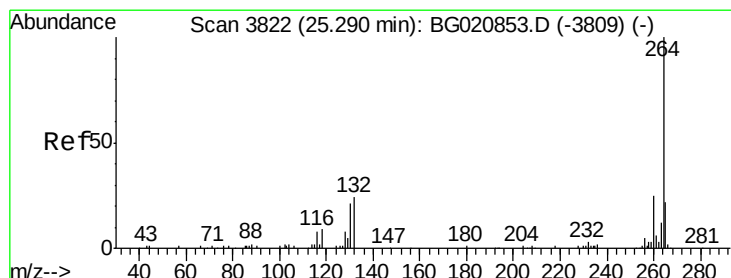
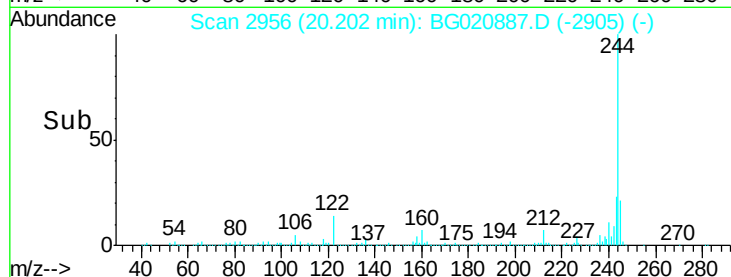
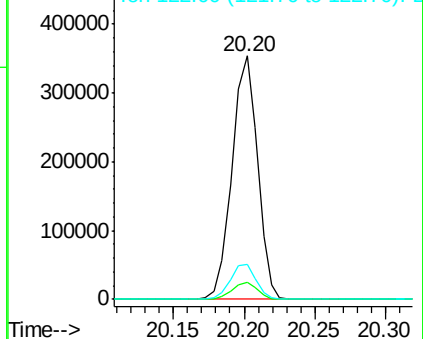
122 14.2 11.4 17.2



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: BG020887.D

Acq: 12 Feb 2016 11:07

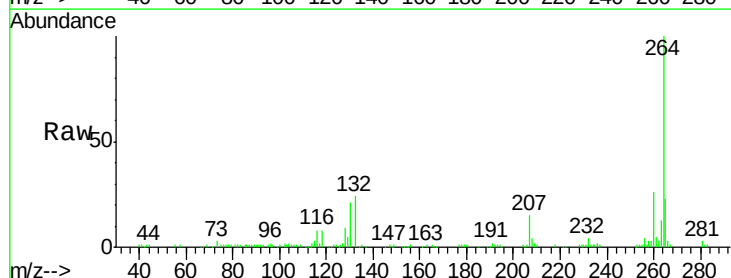
Tgt Ion:264 Resp: 108793

Ion Ratio Lower Upper

264 100

260 26.0 19.9 29.9

265 22.9 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

