

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG020982.D
 Acq On : 19 Feb 2016 21:34
 Operator : SJ/UM
 Sample : H1509-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Quant Time: Feb 20 01:31:21 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

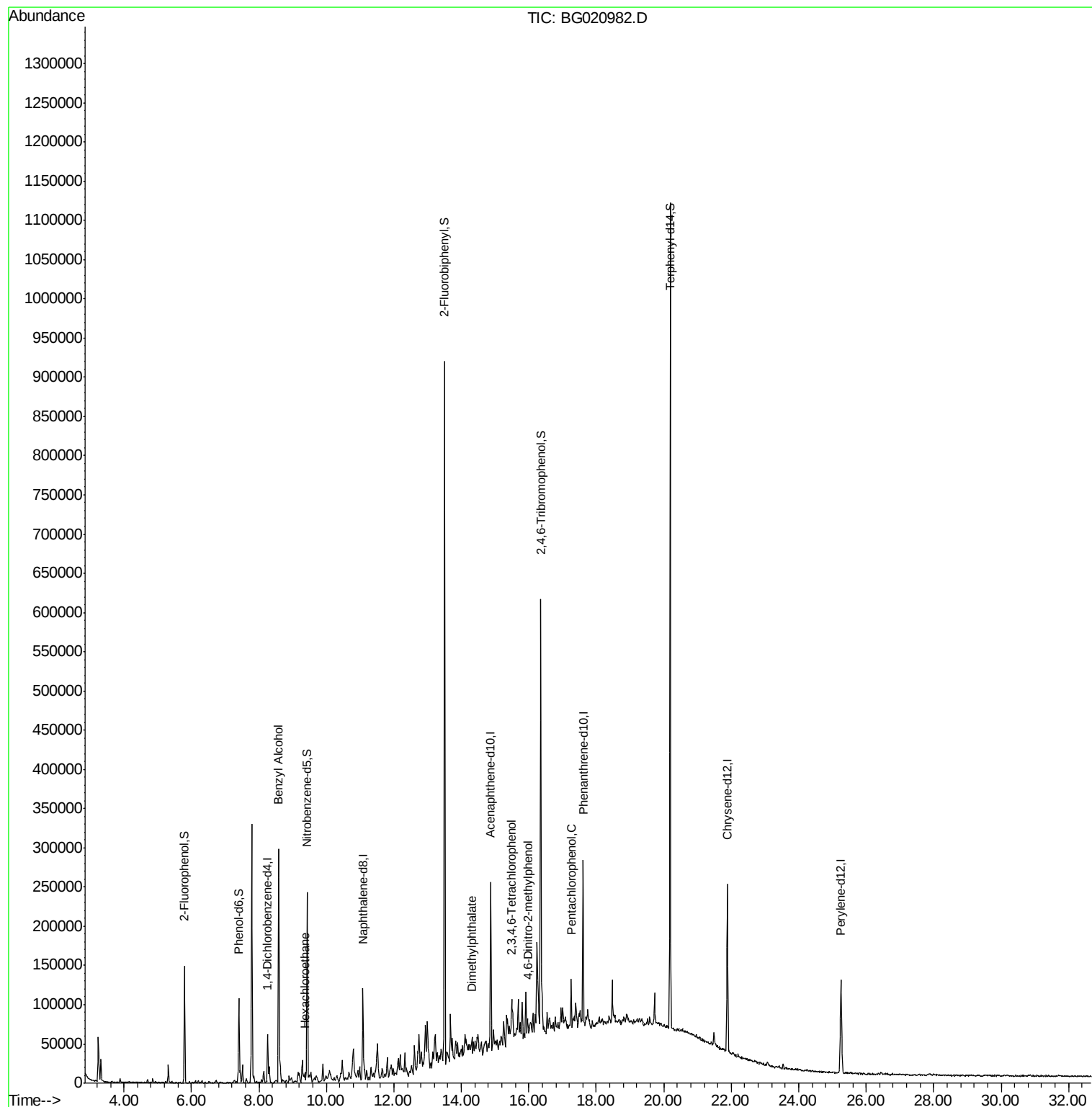
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	19277	20.00	ng	0.00
21) Naphthalene-d8	11.08	136	106030	20.00	ng	-0.02
38) Acenaphthene-d10	14.87	164	72673	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	126412	20.00	ng	0.00
75) Chrysene-d12	21.89	240	117757	20.00	ng	-0.02
86) Perylene-d12	25.26	264	114096	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	86406	75.48	ng	0.00
7) Phenol-d6	7.41	99	81441	48.68	ng	0.00
23) Nitrobenzene-d5	9.43	82	160965	99.82	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	107917	151.00	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	473945	91.61	ng	0.00
78) Terphenyl-d14	20.19	244	436173	86.41	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.59	79	2318	2.20	ng	# 36
18) Hexachloroethane	9.38	117	1458	2.77	ng	# 18
49) Dimethylphthalate	14.31	163	13898	2.45	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	2730	2.38	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.98	198	923	6.79	ng	# 1
69) Pentachlorophenol	17.26	266	10321	12.67	ng	93

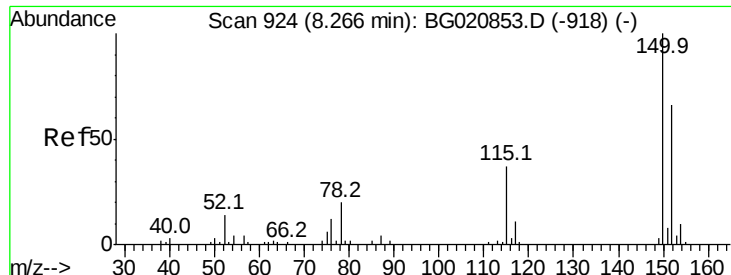
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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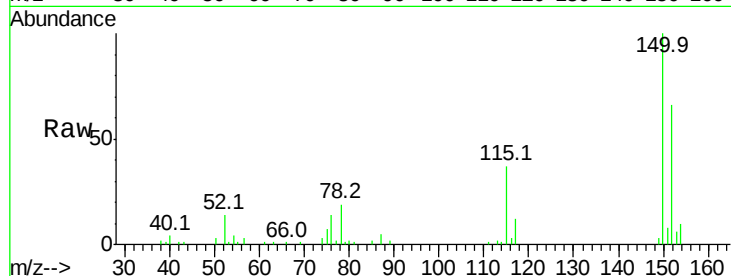


#1

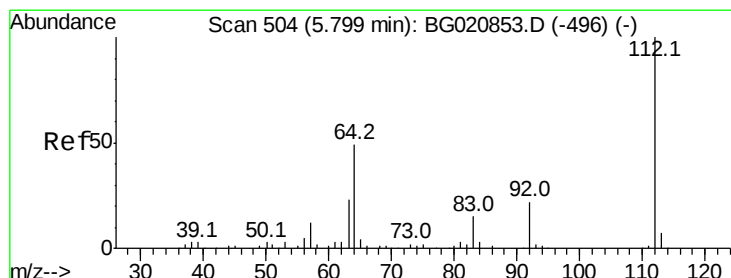
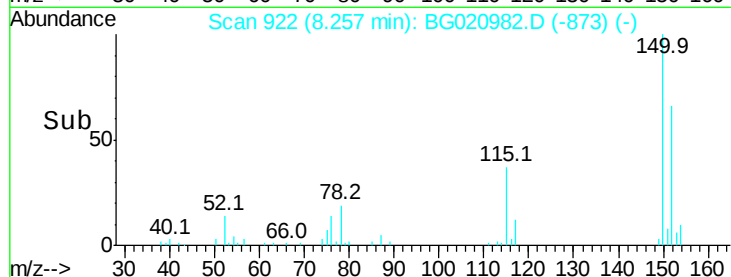
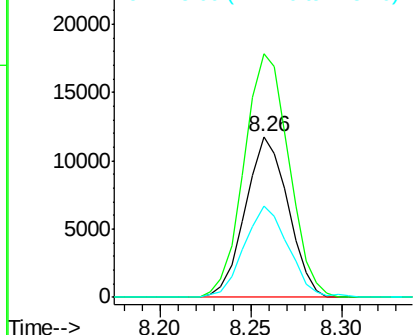
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG020982.D
Acq: 19 Feb 2016 21:34

Instrument :
BNA_G
ClientSampleId :
MW-3

Tot Ion:152 Resp: 19277
Ion Ratio Lower Upper
152 100
150 151.7 122.0 183.0
115 56.7 45.2 67.8



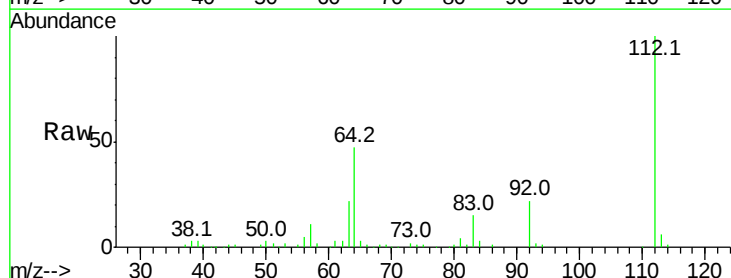
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



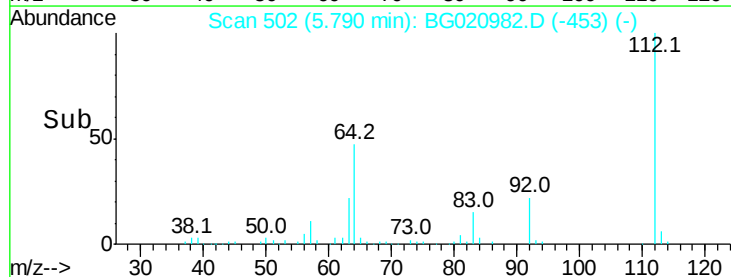
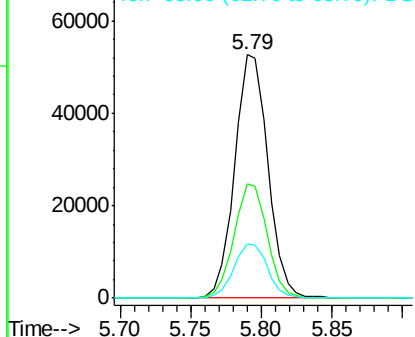
#5

2-Fluorophenol
Concen: 75.48 ng
RT: 5.79 min Scan# 502
Delta R.T. -0.01 min
Lab File: BG020982.D
Acq: 19 Feb 2016 21:34

Tgt Ion:112 Resp: 86406
Ion Ratio Lower Upper
112 100
64 46.8 39.3 58.9
63 22.1 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: 48.68 ng

RT: 7.41 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG020982.D

Acq: 19 Feb 2016 21:34

Instrument :

BNA_G

ClientSampleId :

MW-3

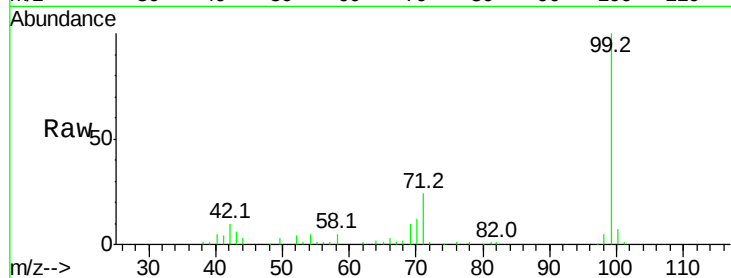
Tot Ion: 99 Resp: 81441

Ion Ratio Lower Upper

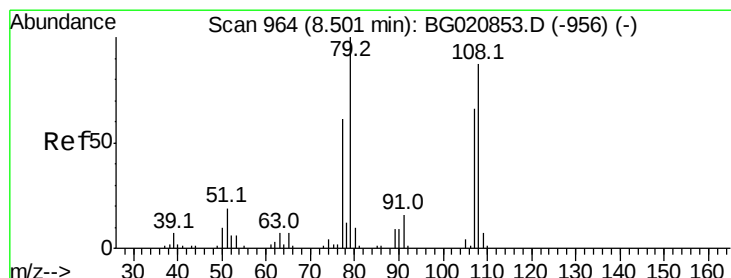
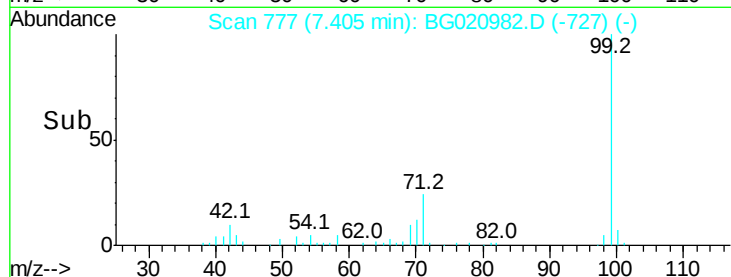
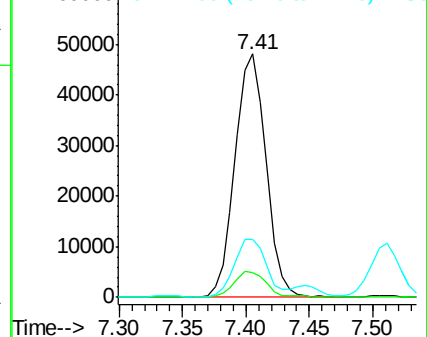
99 100

42 10.0 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



#15

Benzyl Alcohol

Concen: 2.20 ng

RT: 8.59 min Scan# 978

Delta R.T. 0.08 min

Lab File: BG020982.D

Acq: 19 Feb 2016 21:34

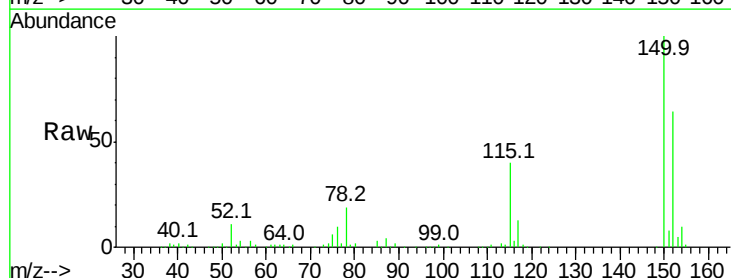
Tgt Ion: 79 Resp: 2318

Ion Ratio Lower Upper

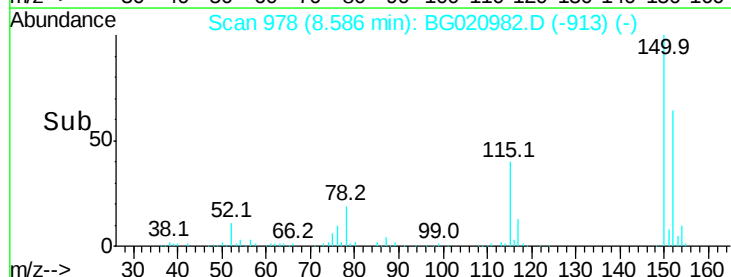
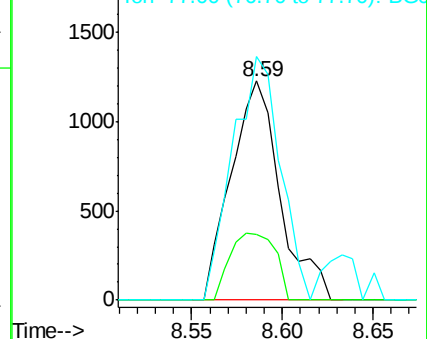
79 100

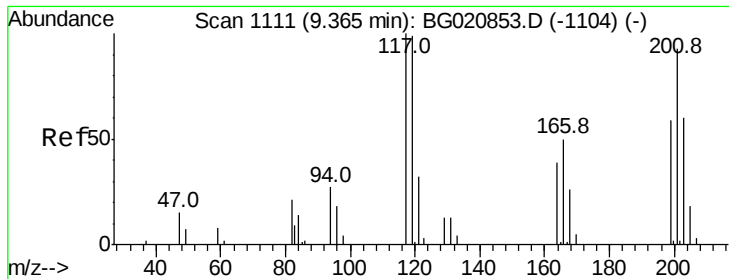
108 29.8 69.4 104.2#

77 111.2 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

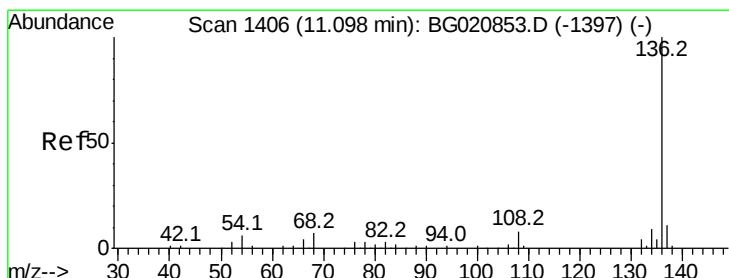
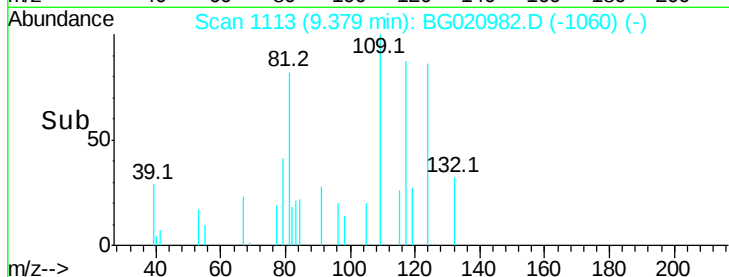
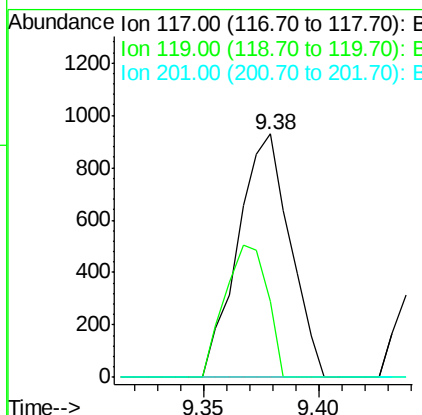
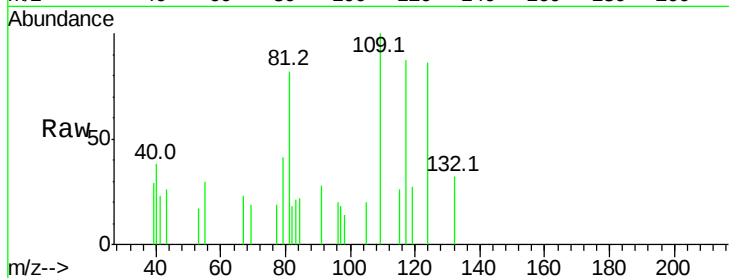




#18
Hexachloroethane
Concen: 2.77 ng
RT: 9.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: BG020982.D
Acq: 19 Feb 2016 21:34

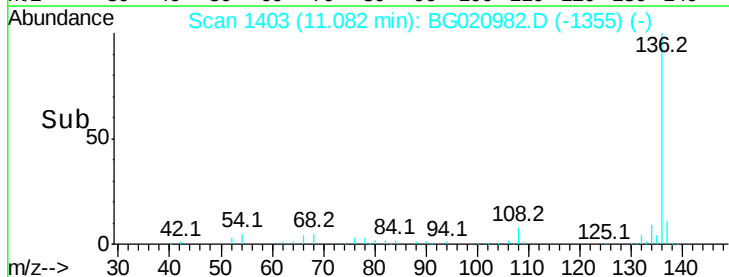
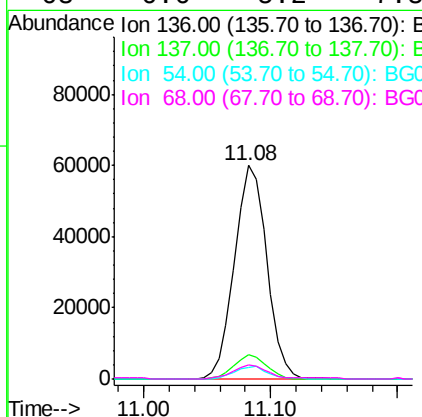
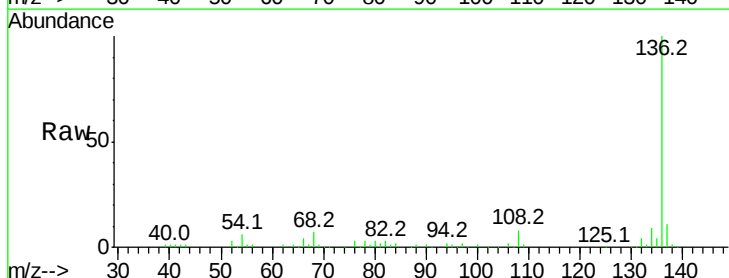
Instrument :
BNA_G
ClientSampleId :
MW-3

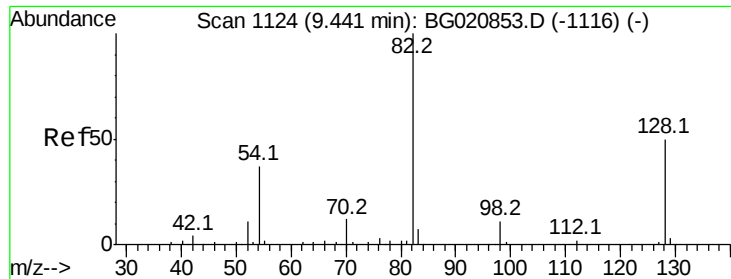
Tot Ion:117 Resp: 1458
Ion Ratio Lower Upper
117 100
119 31.3 79.6 119.4#
201 0.0 74.5 111.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG020982.D
Acq: 19 Feb 2016 21:34

Tgt Ion:136 Resp: 106030
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 5.6 5.0 7.4
68 6.6 5.2 7.8

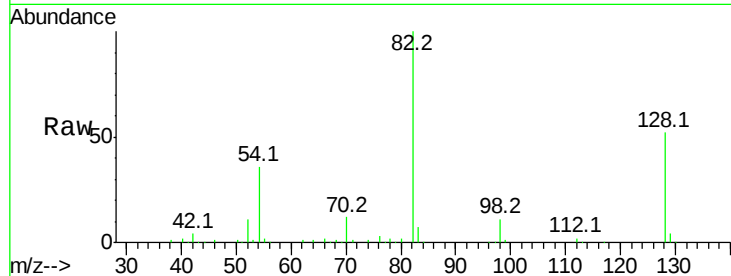




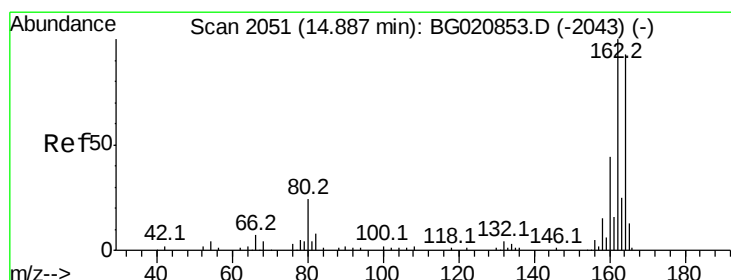
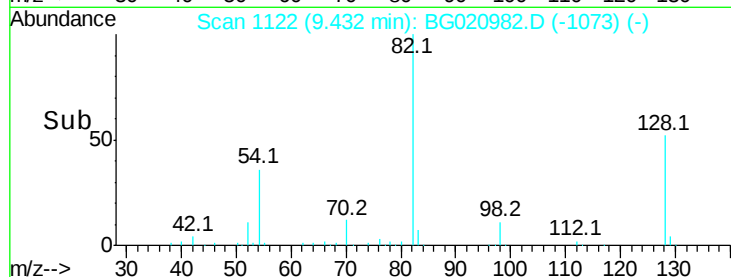
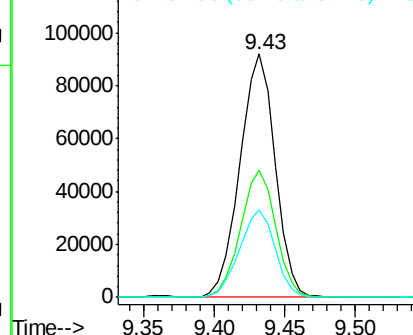
#23
 Nitrobenzene-d5
 Concen: 99.82 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG020982.D
 Acq: 19 Feb 2016 21:34

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.2	40.1	60.1
54	35.9	29.5	44.3

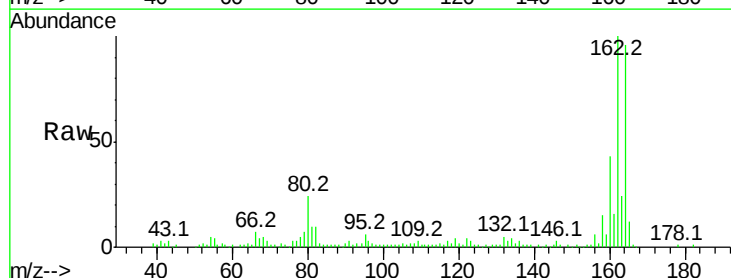


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

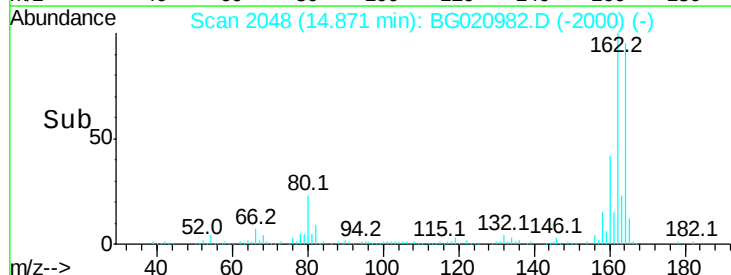
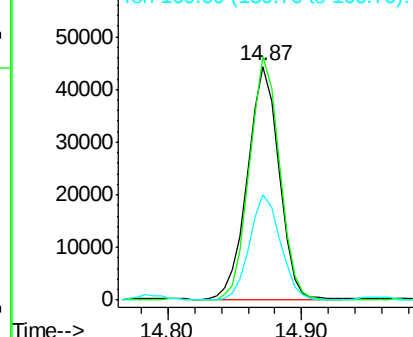


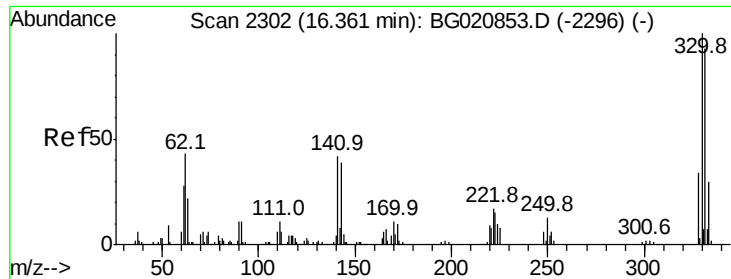
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG020982.D
 Acq: 19 Feb 2016 21:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.7	128.5
160	45.0	37.4	56.0



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





#41

2,4,6-Tribromophenol

Concen: 151.00 ng

RT: 16.36 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BG020982.D

Acq: 19 Feb 2016 21:34

Instrument :

BNA_G

ClientSampleId :

MW-3

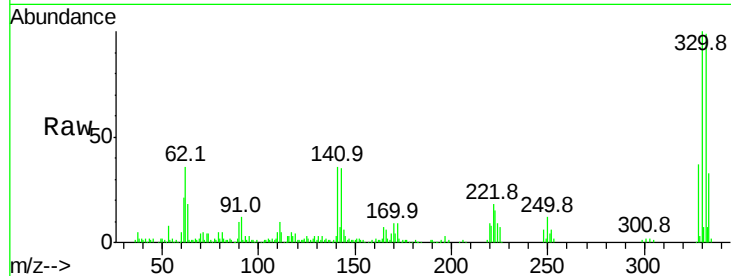
Tot Ion:330 Resp: 107917

Ion Ratio Lower Upper

330 100

332 98.0 76.1 114.1

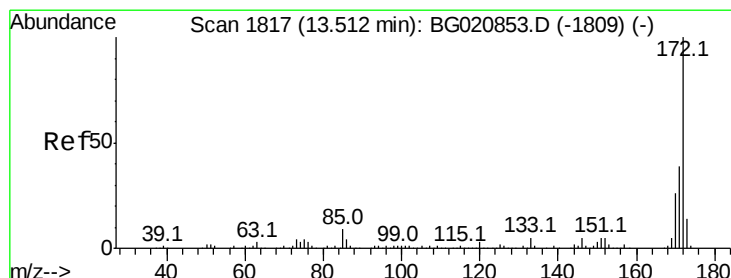
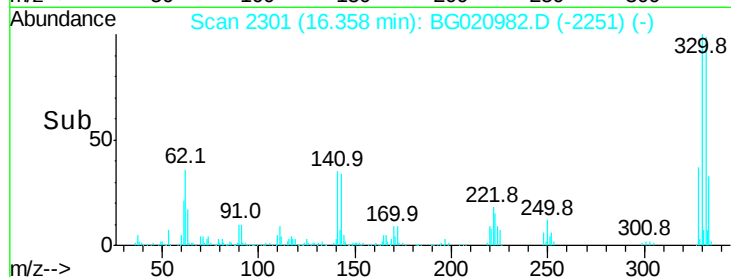
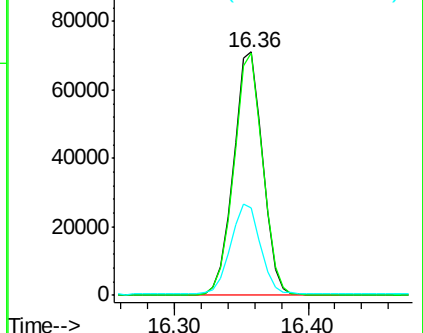
141 37.9 32.0 48.0



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: 91.61 ng

RT: 13.50 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BG020982.D

Acq: 19 Feb 2016 21:34

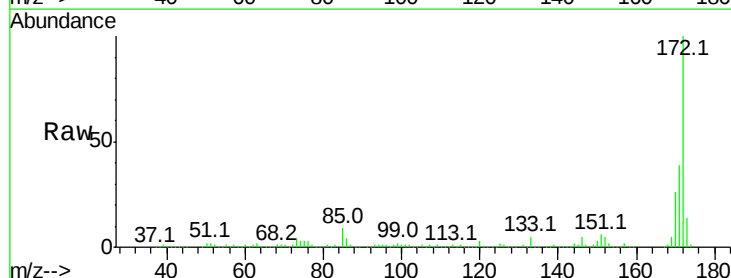
Tgt Ion:172 Resp: 473945

Ion Ratio Lower Upper

172 100

171 39.2 31.2 46.8

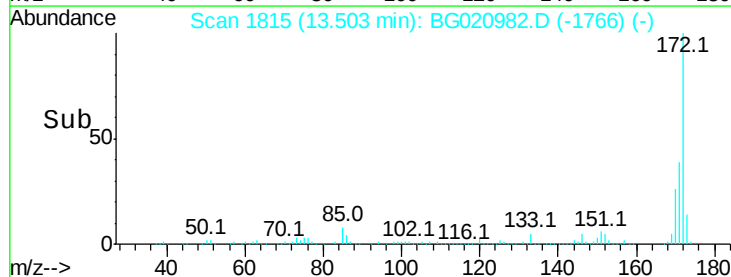
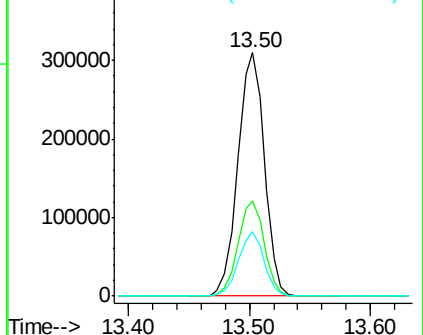
170 26.4 20.6 30.8

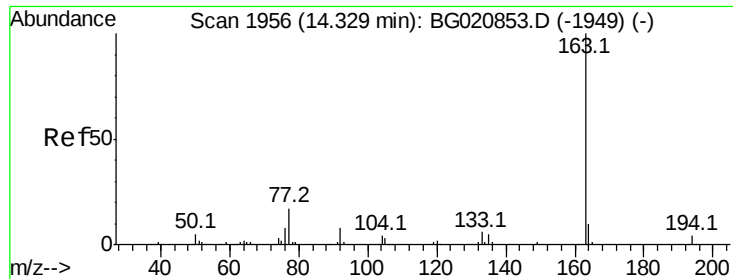


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

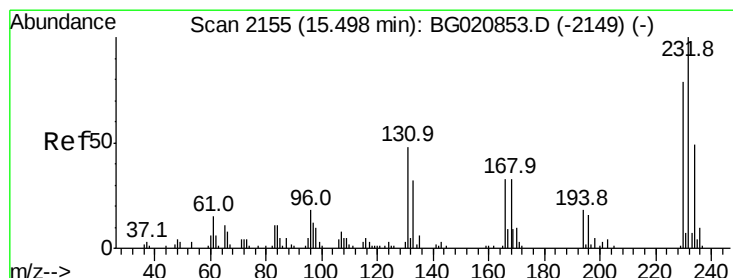
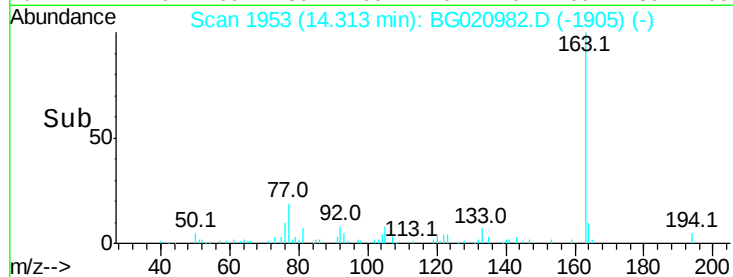
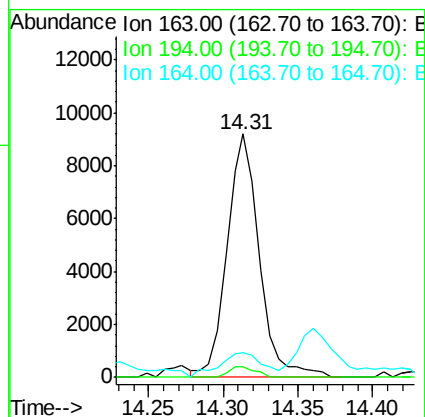
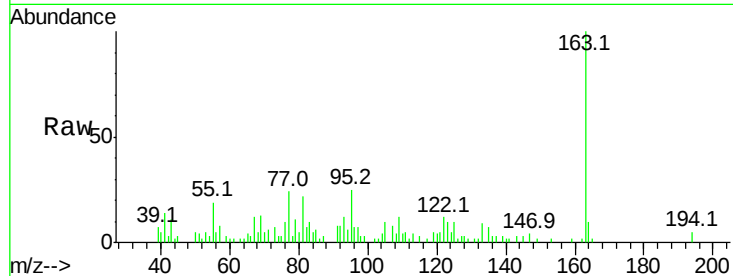




#49
 Dimethylphthalate
 Concen: 2.45 ng
 RT: 14.31 min Scan# 1953
 Delta R.T. -0.02 min
 Lab File: BG020982.D
 Acq: 19 Feb 2016 21:34

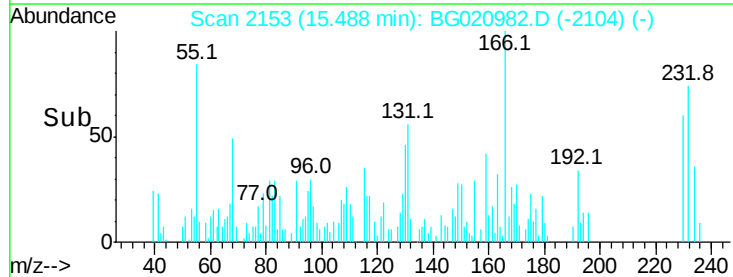
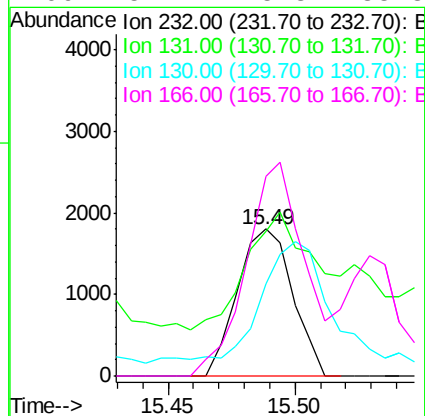
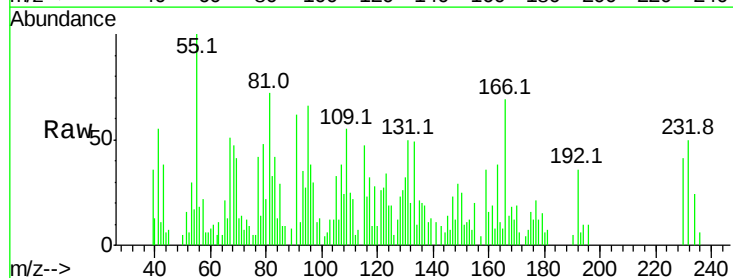
Instrument :
 BNA_G
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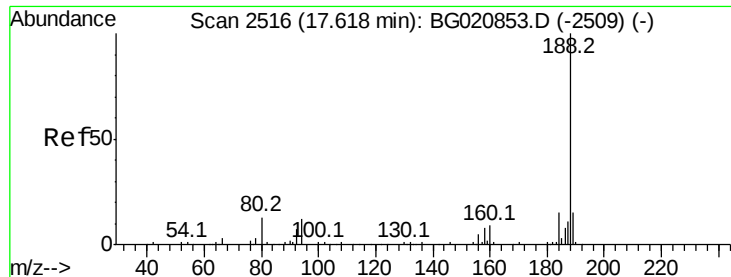
Tot Ion:163	Resp:	13898
Ion Ratio	Lower	Upper
163	100	
194	4.6	3.1 4.7
164	10.4	8.3 12.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.38 ng
 RT: 15.49 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG020982.D
 Acq: 19 Feb 2016 21:34

Tgt Ion:232	Resp:	2730
Ion Ratio	Lower	Upper
232	100	
131	124.8	39.2 58.8#
130	96.8	2.0 3.0#
166	151.7	25.8 38.8#

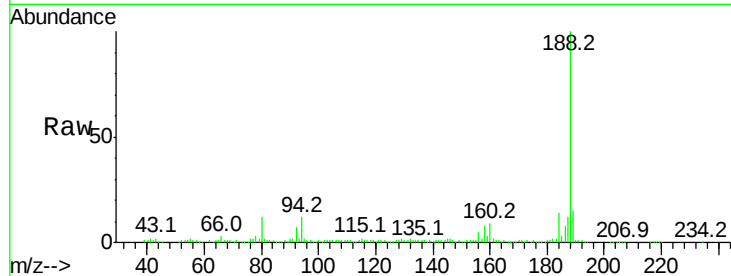




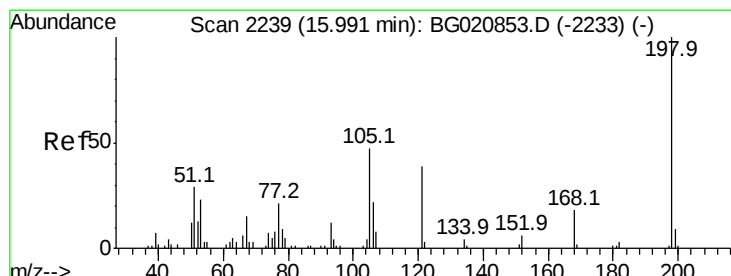
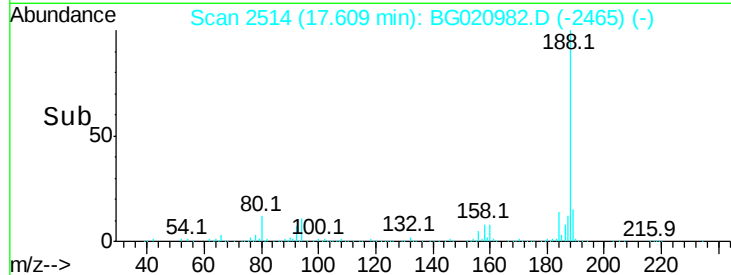
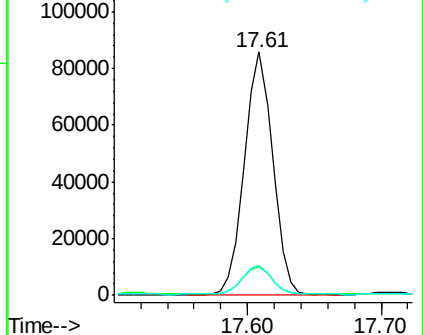
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.61 min Scan# 2514
 Delta R.T. -0.01 min
 Lab File: BG020982.D
 Acq: 19 Feb 2016 21:34

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Tot Ion:188 Resp: 126412
 Ion Ratio Lower Upper
 188 100
 94 11.6 9.4 14.0
 80 12.2 10.2 15.4

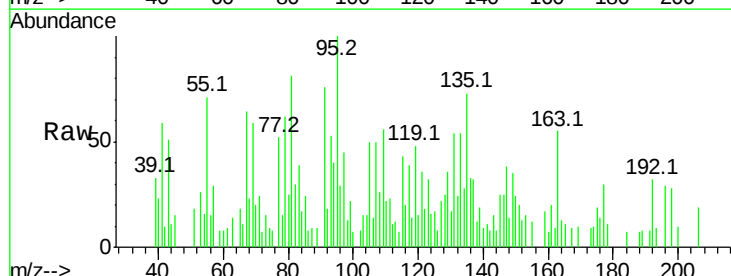


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

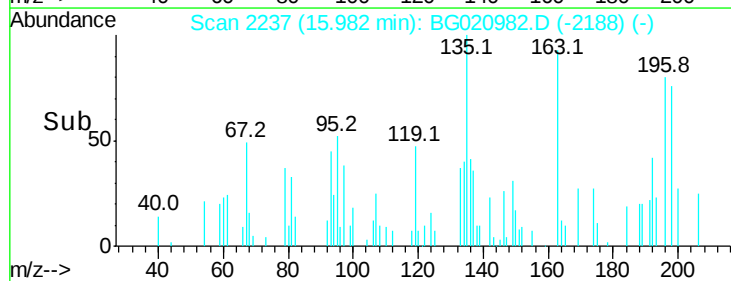
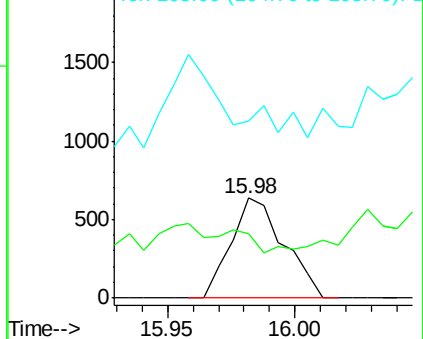


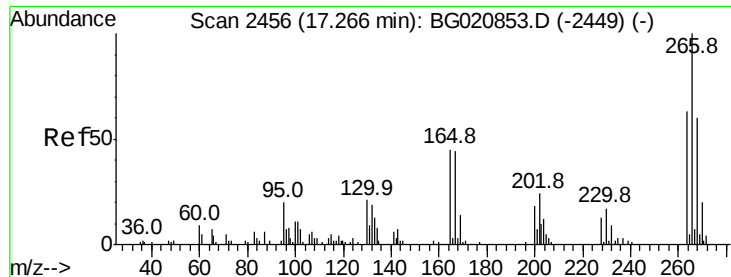
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.79 ng
 RT: 15.98 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BG020982.D
 Acq: 19 Feb 2016 21:34

Tgt Ion:198 Resp: 923
 Ion Ratio Lower Upper
 198 100
 51 63.9 10.6 50.6#
 105 177.6 27.0 67.0#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

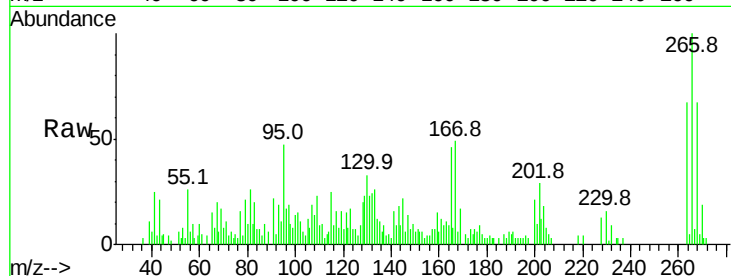




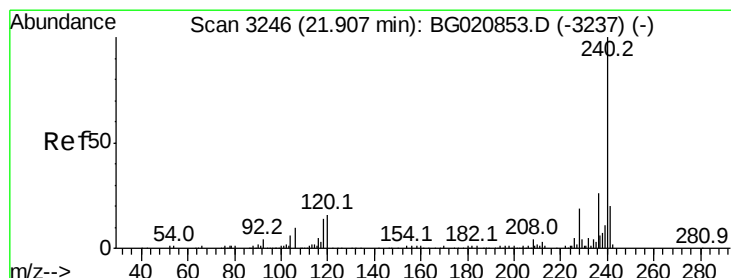
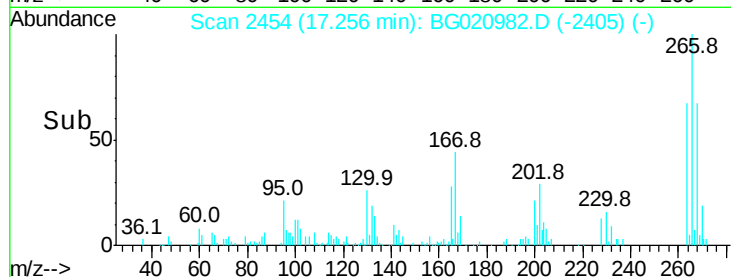
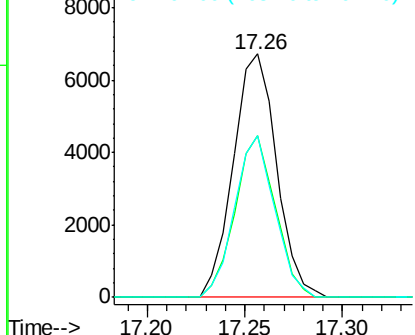
#69
 Pentachlorophenol
 Concen: 12.67 ng
 RT: 17.26 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG020982.D
 Acq: 19 Feb 2016 21:34

Instrument :
 BNA_G
 ClientSampled :
 MW-3

Tot Ion:266 Resp: 10321
 Ion Ratio Lower Upper
 266 100
 268 66.5 47.8 71.6
 264 66.5 50.2 75.4

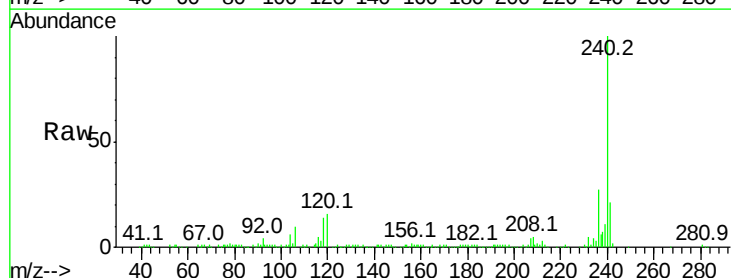


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

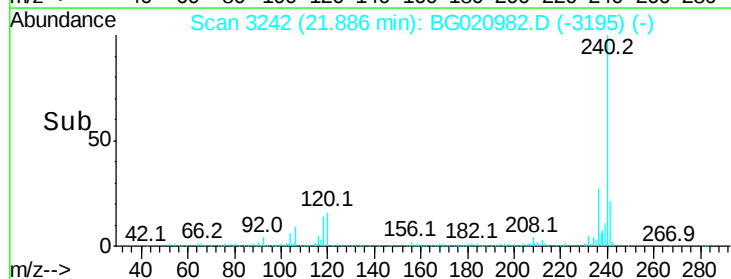
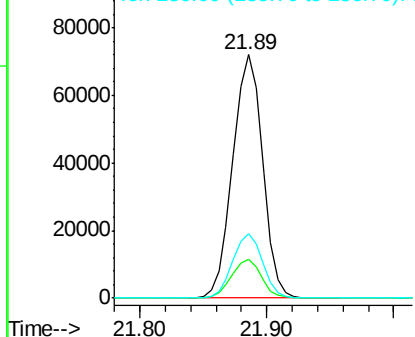


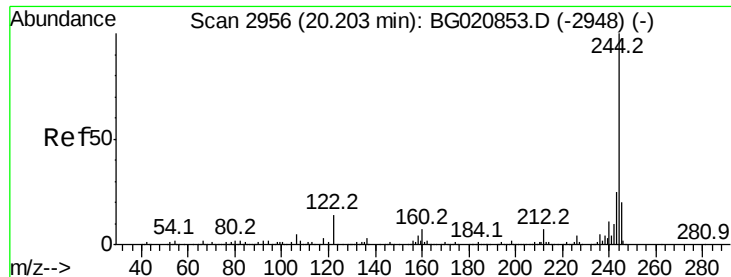
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.89 min Scan# 3242
 Delta R.T. -0.02 min
 Lab File: BG020982.D
 Acq: 19 Feb 2016 21:34

Tgt Ion:240 Resp: 117757
 Ion Ratio Lower Upper
 240 100
 120 15.9 13.0 19.4
 236 26.5 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: 86.41 ng

RT: 20.19 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG020982.D

Acq: 19 Feb 2016 21:34

Instrument :

BNA_G

ClientSampleId :

MW-3

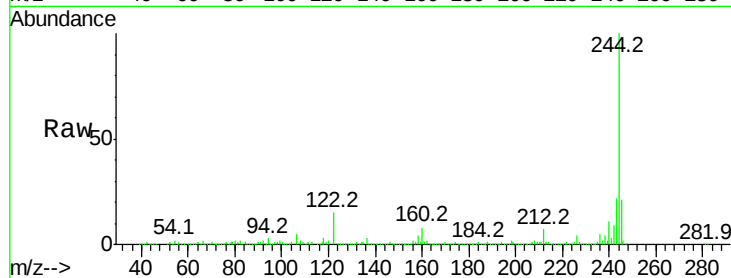
Tot Ion:244 Resp: 436173

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

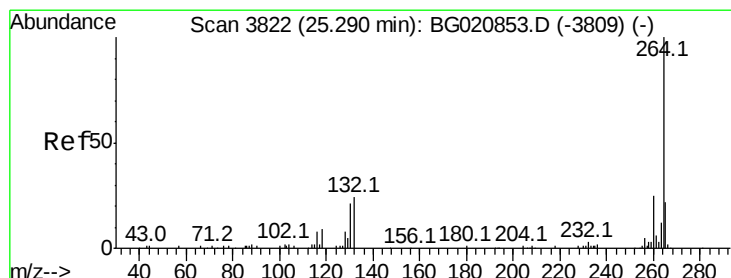
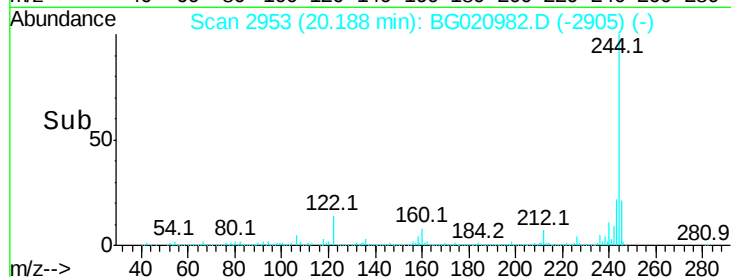
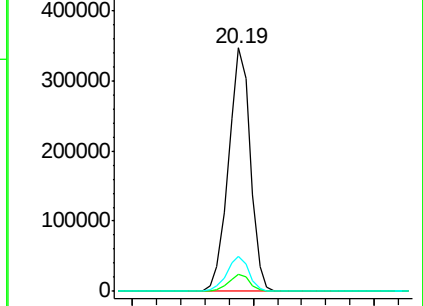
122 14.5 11.4 17.2



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: 25.26 min Scan# 3816

Delta R.T. -0.03 min

Lab File: BG020982.D

Acq: 19 Feb 2016 21:34

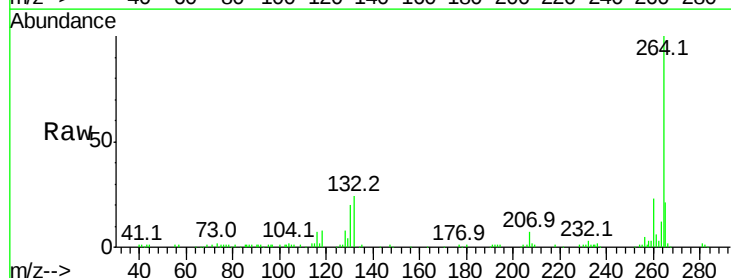
Tgt Ion:264 Resp: 114096

Ion Ratio Lower Upper

264 100

260 23.3 19.9 29.9

265 20.9 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

