

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120515\
 Data File : BG019952.D
 Acq On : 5 Dec 2015 21:31
 Operator : UM/NP
 Sample : G4630-11
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-18

Quant Time: Dec 07 01:20:41 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

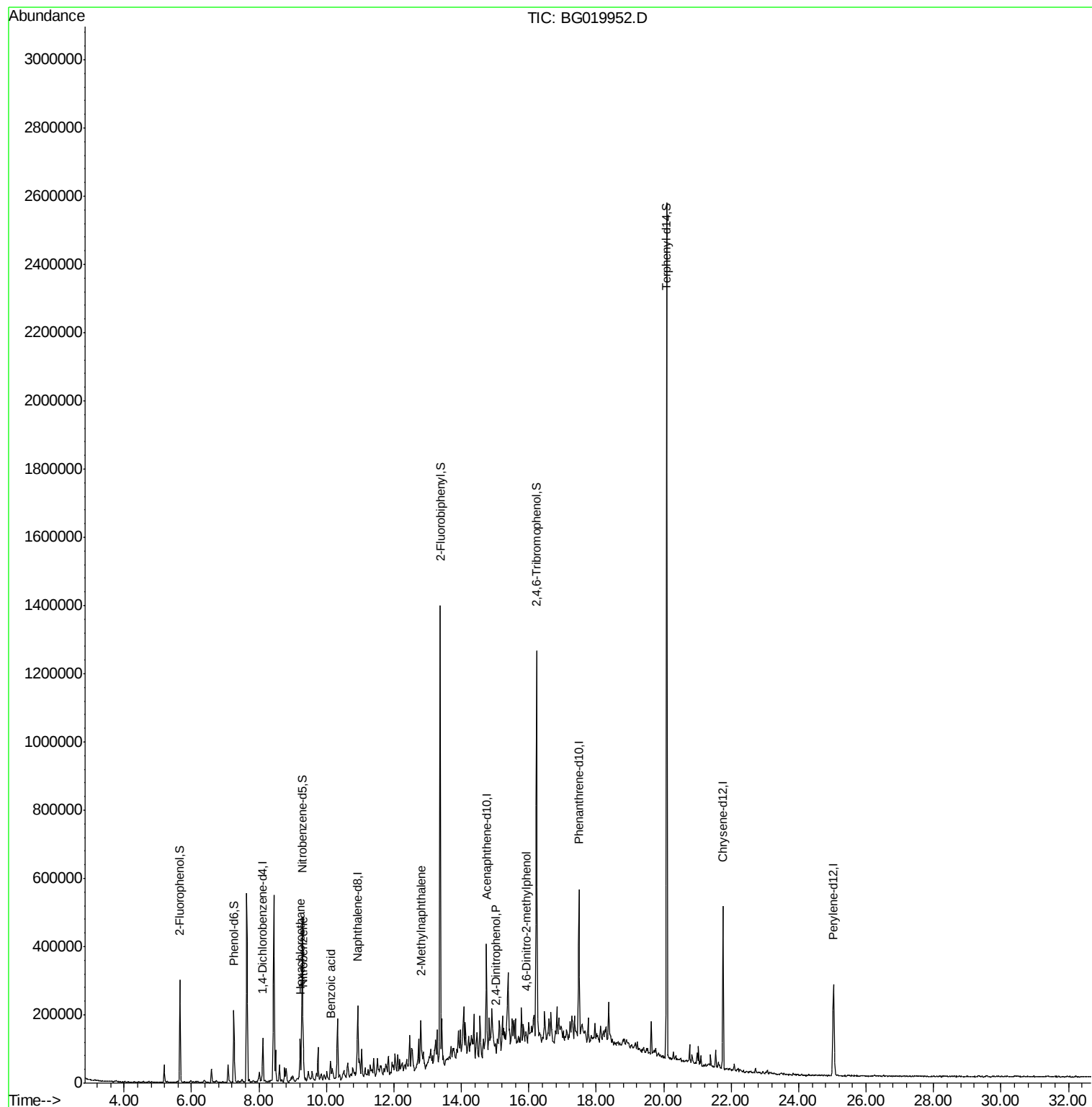
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	34686	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	145375	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	103973	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	244836	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	303662	20.00	ng	-0.03
86) Perylene-d12	25.04	264	287812	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	125998	65.65	ng	-0.01
7) Phenol-d6	7.26	99	114577	39.54	ng	-0.02
23) Nitrobenzene-d5	9.28	82	295852	103.86	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	204192	128.35	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	682494	89.63	ng	-0.02
78) Terphenyl-d14	20.09	244	1051288	84.44	ng	-0.02
Target Compounds						
18) Hexachloroethane	9.23	117	21535	20.99	ng	# 1
24) Nitrobenzene	9.31	77	6219	2.01	ng	# 14
32) Benzoic acid	10.13	122	472	6.25	ng	# 1
37) 2-Methylnaphthalene	12.80	142	46518	8.15	ng	# 91
53) 2,4-Dinitrophenol	15.03	184	316	9.56	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.93	198	417	6.37	ng	# 1

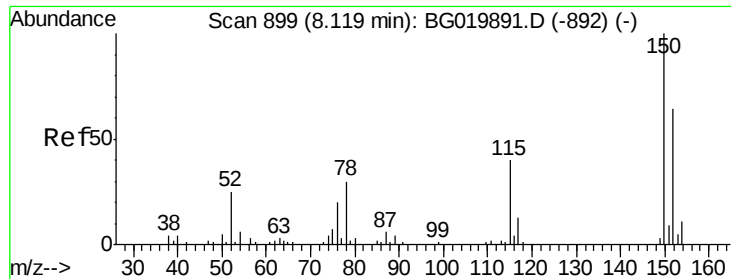
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

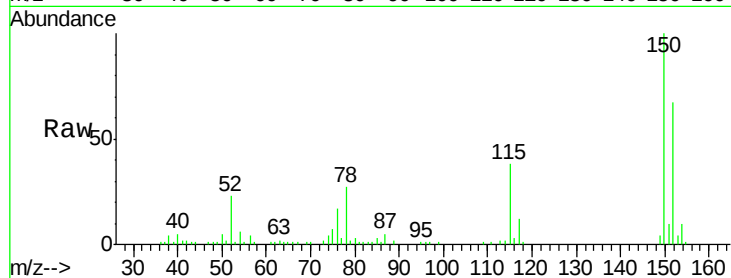




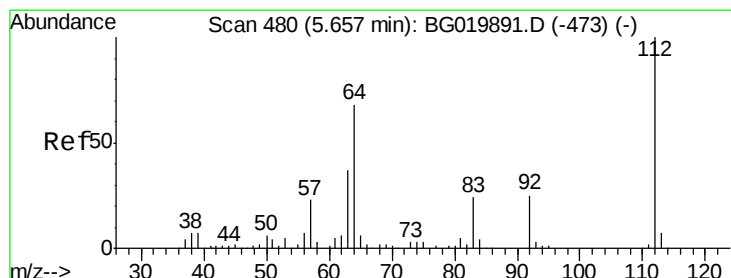
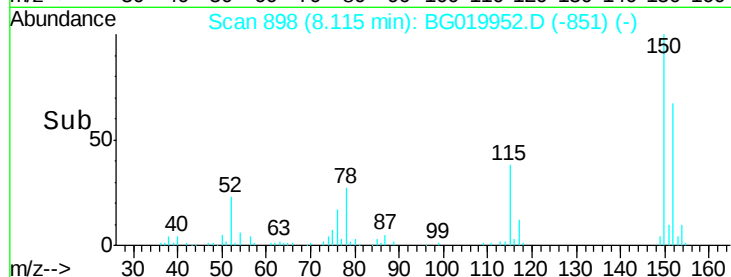
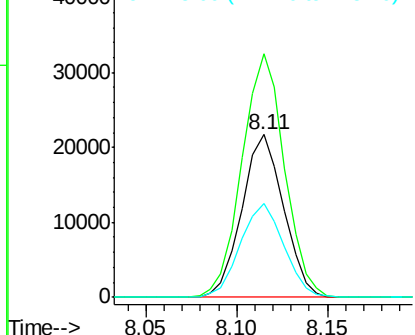
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BG019952.D
 Acq: 5 Dec 2015 21:31

Instrument :
 BNA_G
 ClientSampleId :
 MW-18

Tgt Ion:152 Resp: 34686
 Ion Ratio Lower Upper
 152 100
 150 149.9 115.0 172.4
 115 57.5 43.9 65.9

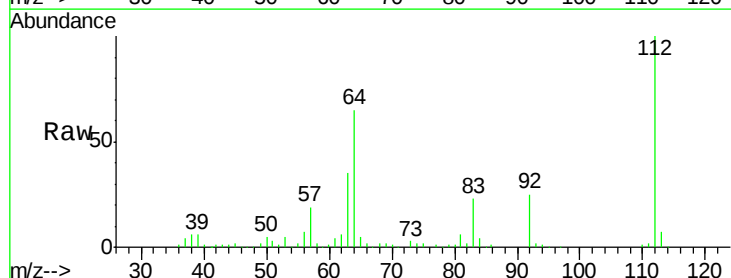


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

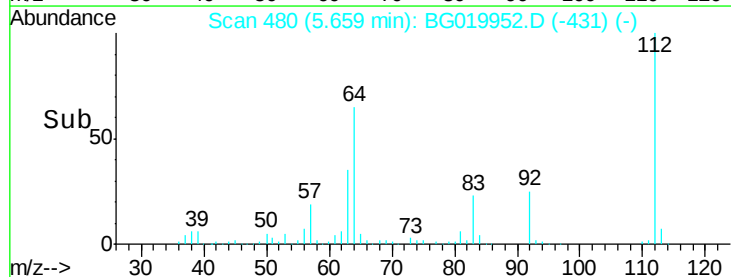
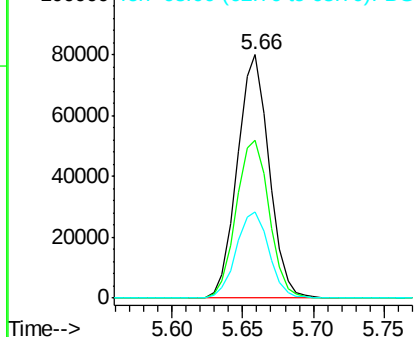


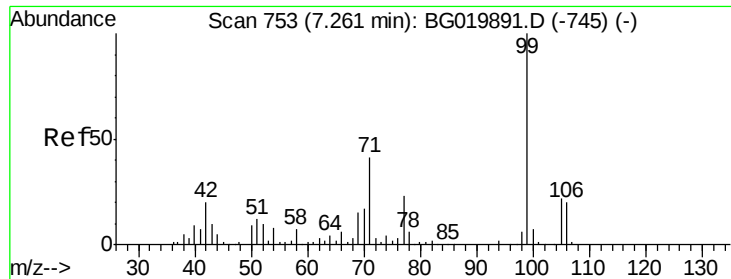
#5
 2-Fluorophenol
 Concen: 65.65 ng
 RT: 5.66 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BG019952.D
 Acq: 5 Dec 2015 21:31

Tgt Ion:112 Resp: 125998
 Ion Ratio Lower Upper
 112 100
 64 64.6 43.7 65.5
 63 35.4 24.0 36.0



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: 39.54 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019952.D

Acq: 5 Dec 2015 21:31

Instrument :

BNA_G

ClientSampled :

MW-18

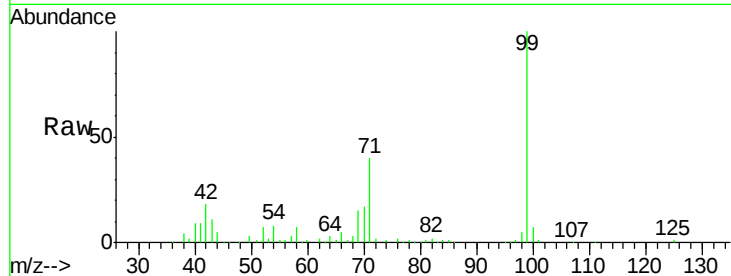
Tgt Ion: 99 Resp: 114577

Ion Ratio Lower Upper

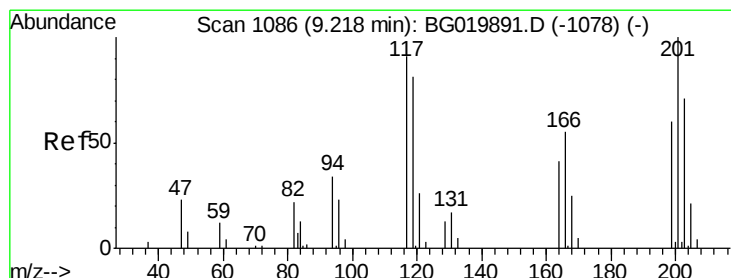
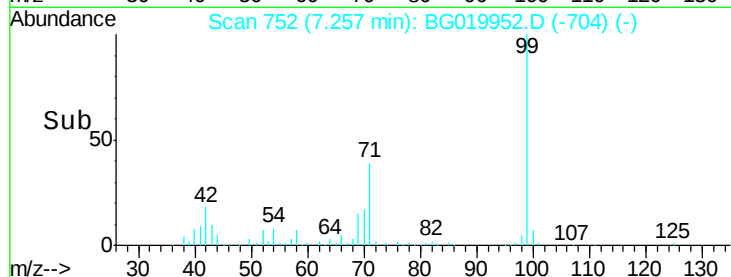
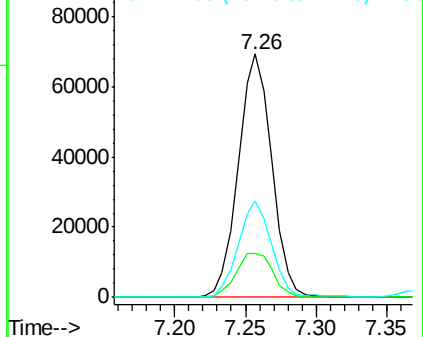
99 100

42 18.3 11.5 17.3#

71 39.6 22.6 34.0#



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: 20.99 ng

RT: 9.23 min Scan# 1088

Delta R.T. 0.01 min

Lab File: BG019952.D

Acq: 5 Dec 2015 21:31

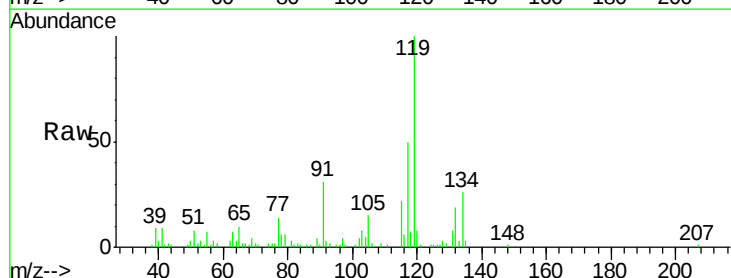
Tgt Ion: 117 Resp: 21535

Ion Ratio Lower Upper

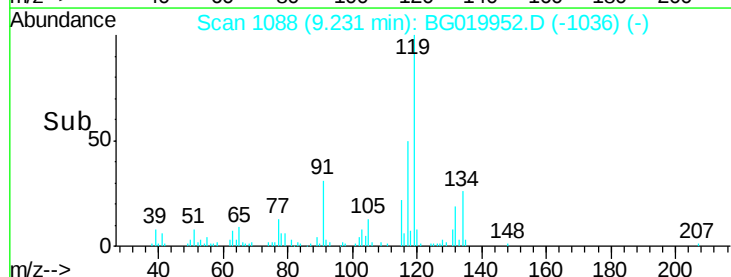
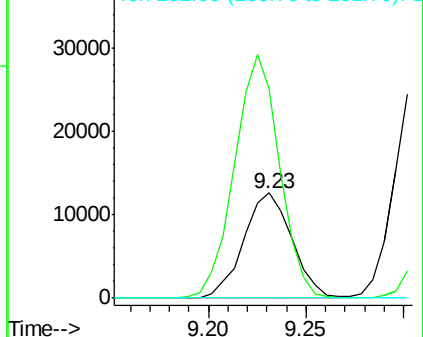
117 100

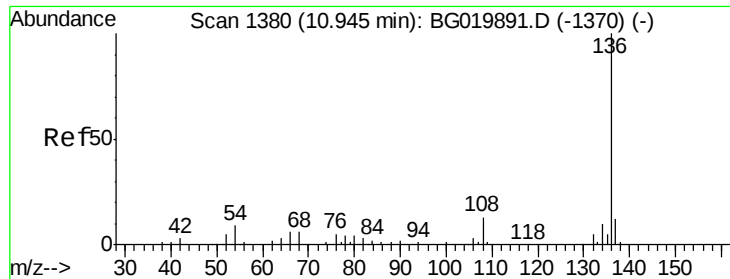
119 199.4 71.7 107.5#

201 0.0 90.9 136.3#



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

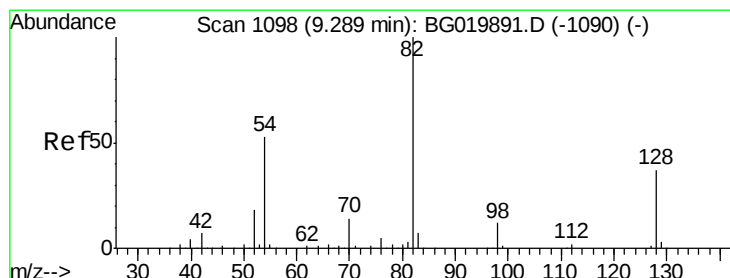
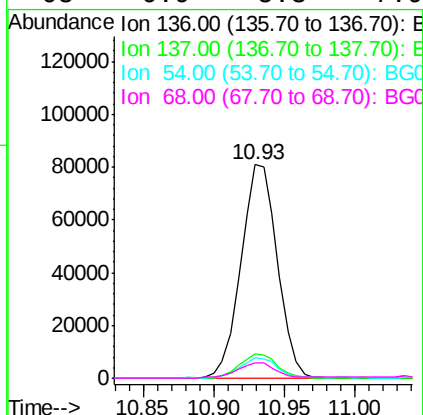
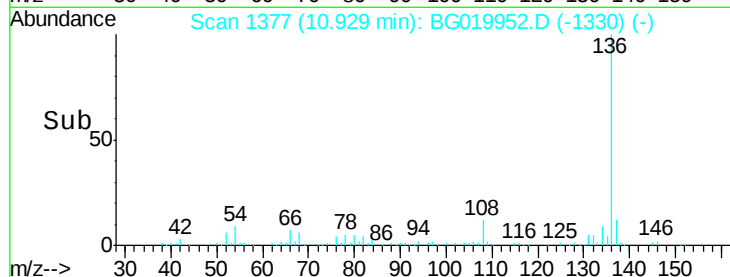
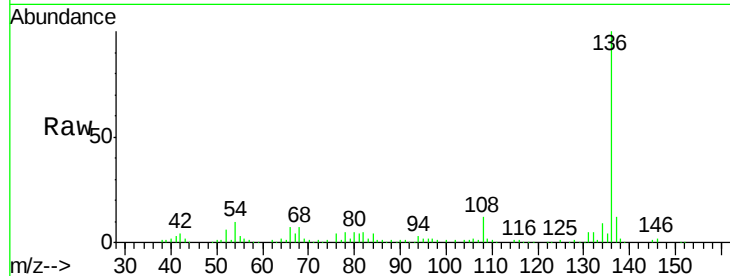




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

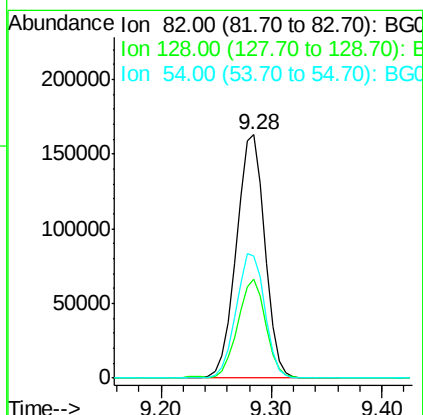
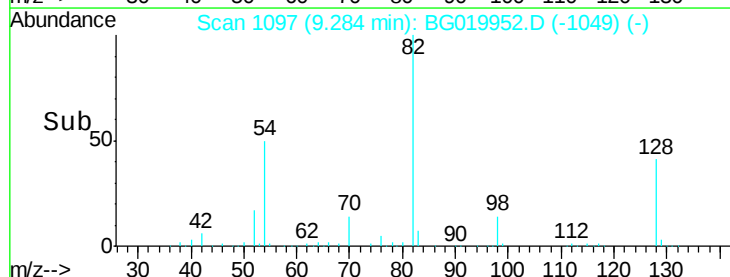
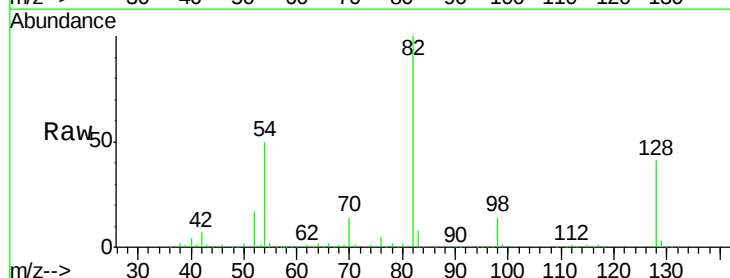
Instrument :
BNA_G
ClientSampleId :
MW-18

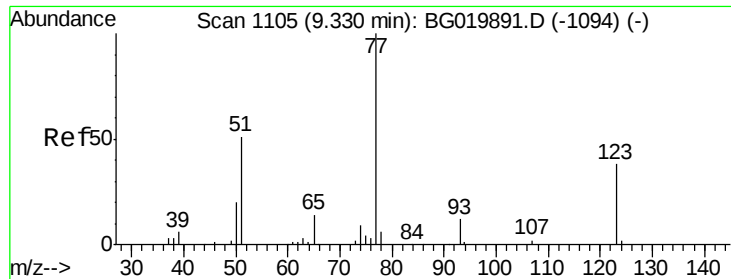
Tgt Ion:	136	Resp:	145375
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	12.8
54	9.9	5.4	8.2#
68	6.9	5.3	7.9



#23
Nitrobenzene-d5
Concen: 103.86 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

Tgt Ion:	82	Resp:	295852
Ion	Ratio	Lower	Upper
82	100		
128	40.7	36.7	55.1
54	50.0	33.8	50.8

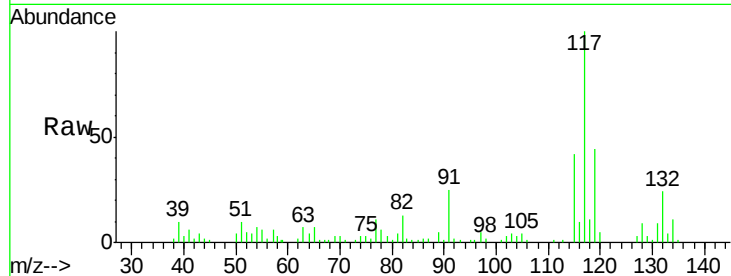




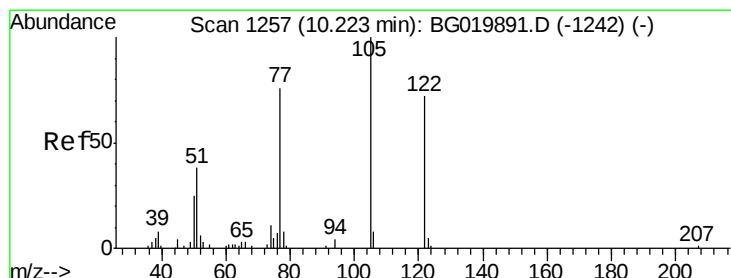
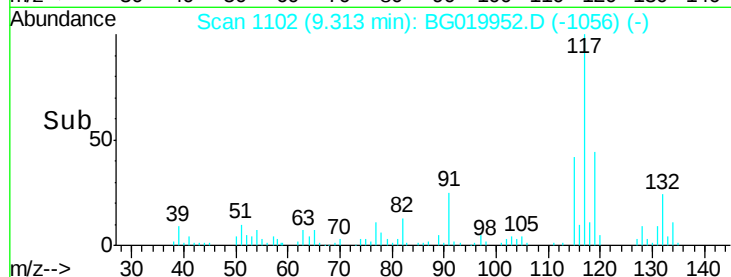
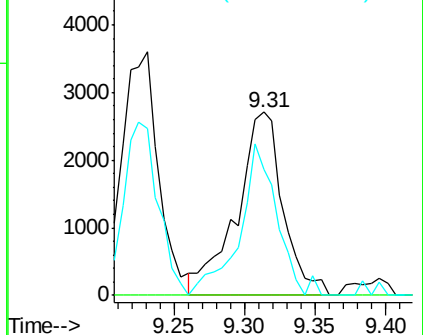
#24
Nitrobenzene
Concen: 2.01 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.03 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

Instrument :
BNA_G
ClientSampleId :
MW-18

Tgt Ion: 77 Resp: 6219
Ion Ratio Lower Upper
77 100
123 0.0 38.2 57.2#
65 68.9 10.6 16.0#

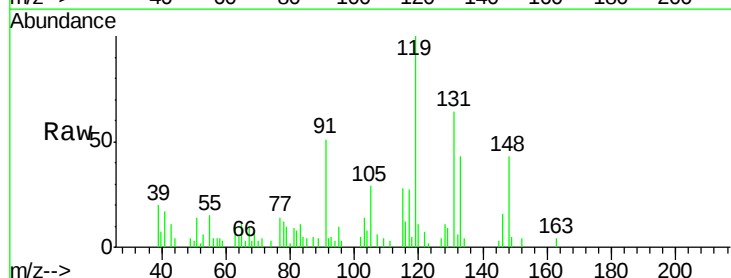


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

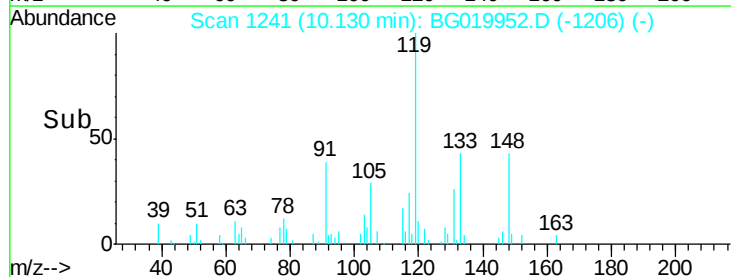
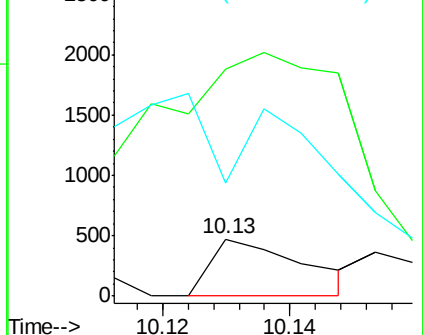


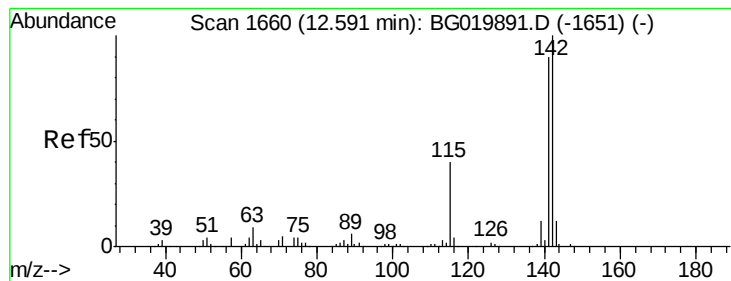
#32
Benzoic acid
Concen: 6.25 ng
RT: 10.13 min Scan# 1241
Delta R.T. -0.09 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

Tgt Ion: 122 Resp: 472
Ion Ratio Lower Upper
122 100
105 397.0 103.8 143.8#
77 198.5 68.8 108.8#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#37

2-Methylnaphthalene

Concen: 8.15 ng

RT: 12.80 min Scan# 1695

Delta R.T. 0.19 min

Lab File: BG019952.D

Acq: 5 Dec 2015 21:31

Instrument :

BNA_G

ClientSampleId :

MW-18

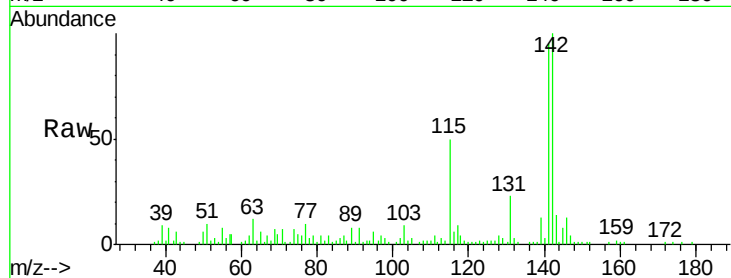
Tgt Ion:142 Resp: 46518

Ion Ratio Lower Upper

142 100

141 94.9 74.6 112.0

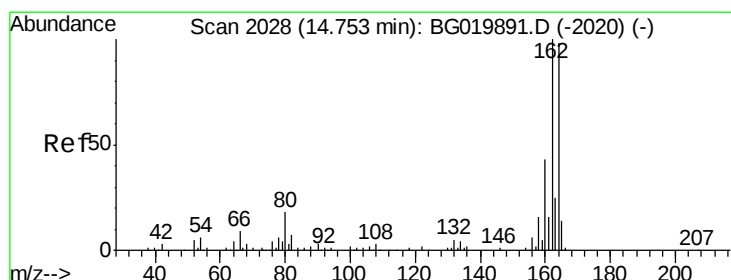
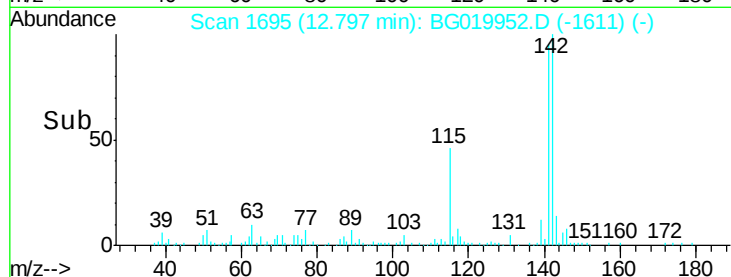
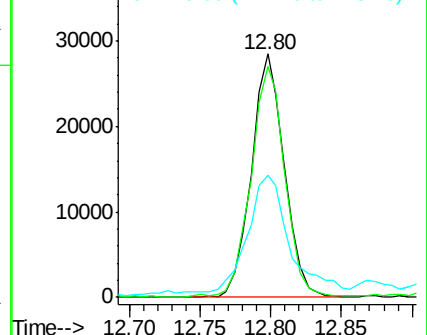
115 50.2 27.4 41.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BG019952.D

Acq: 5 Dec 2015 21:31

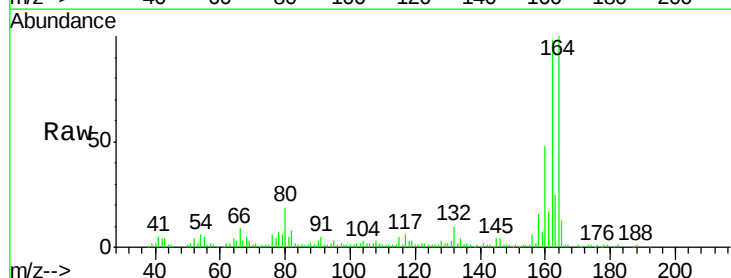
Tgt Ion:164 Resp: 103973

Ion Ratio Lower Upper

164 100

162 98.1 78.8 118.2

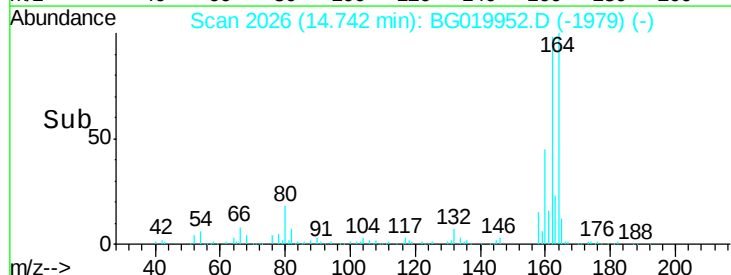
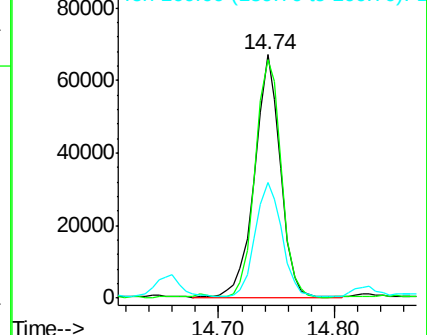
160 47.5 36.4 54.6

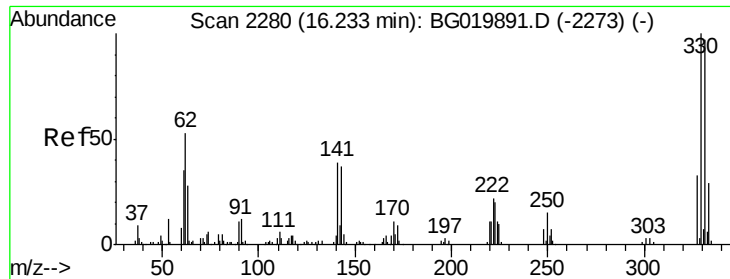


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

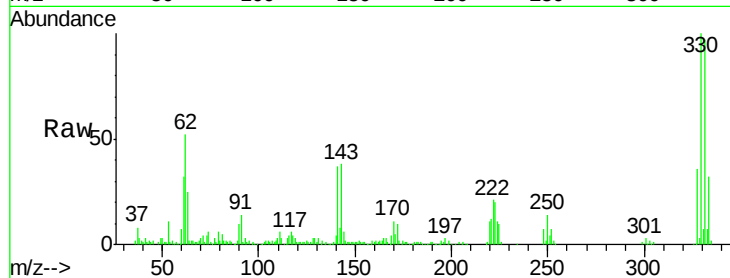




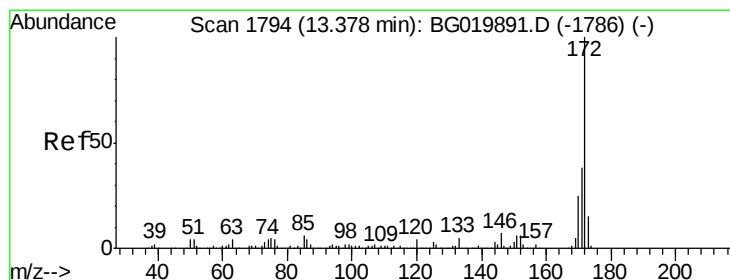
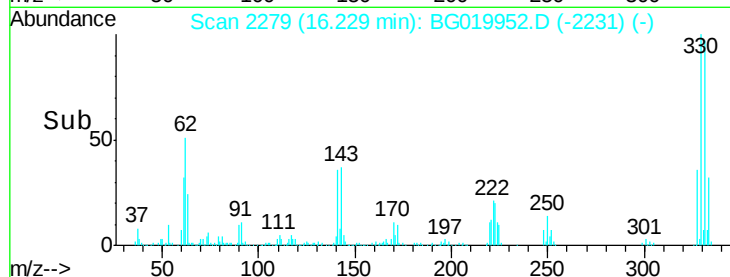
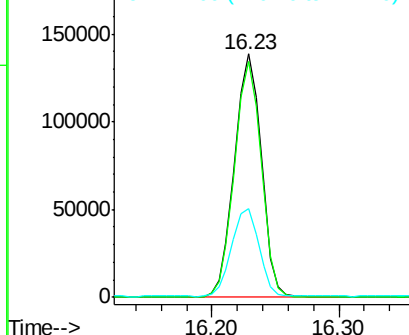
#41
 2,4,6-Tribromophenol
 Concen: 128.35 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019952.D
 Acq: 5 Dec 2015 21:31

Instrument :
 BNA_G
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Tgt Ion:330 Resp: 204192
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.1 117.1
 141 37.3 28.2 42.2

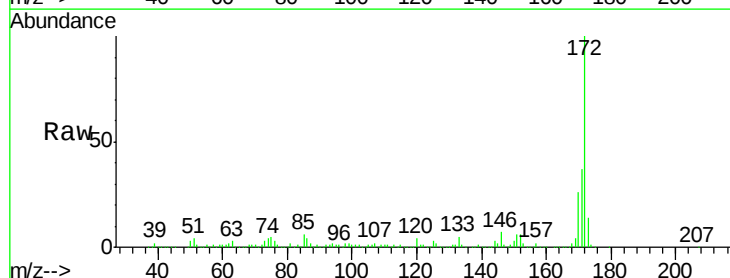


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

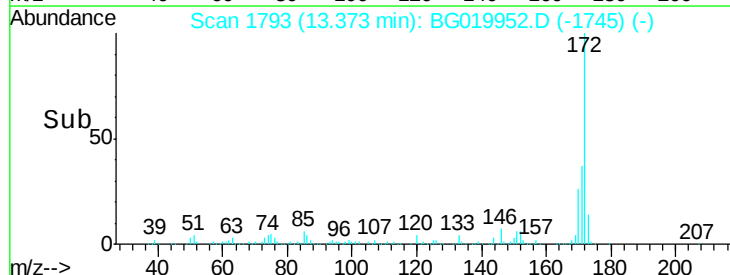
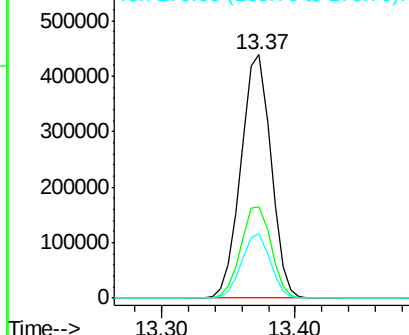


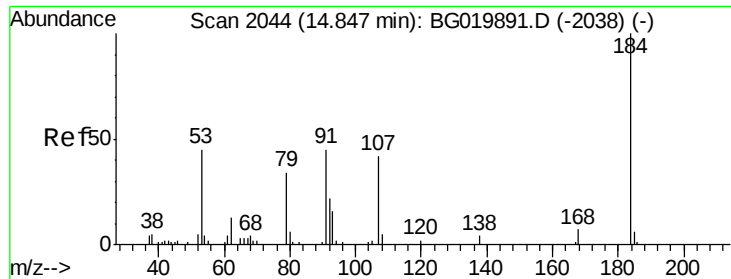
#44
 2-Fluorobiphenyl
 Concen: 89.63 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019952.D
 Acq: 5 Dec 2015 21:31

Tgt Ion:172 Resp: 682494
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.0 43.6
 170 26.5 19.9 29.9



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

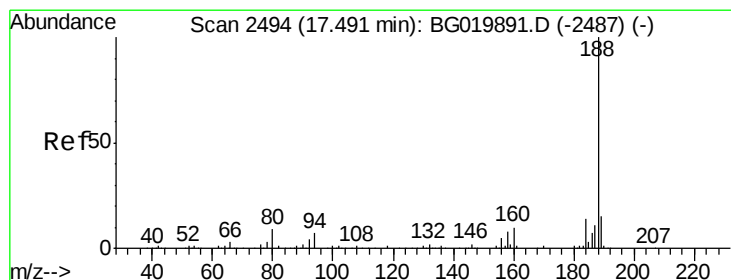
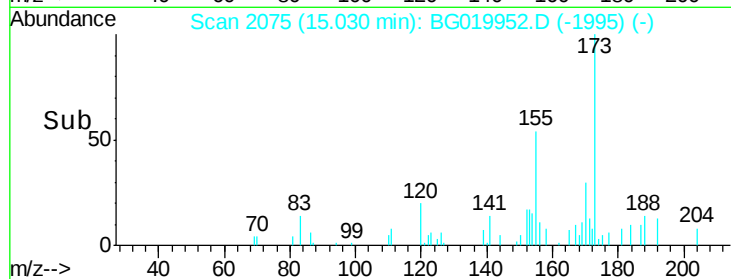
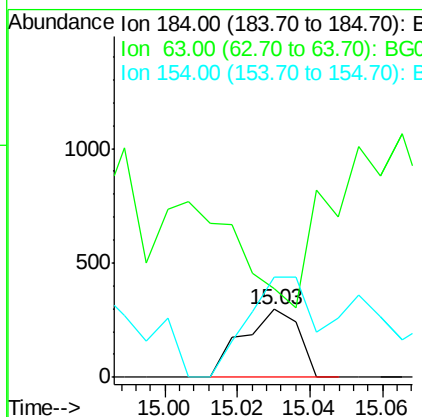
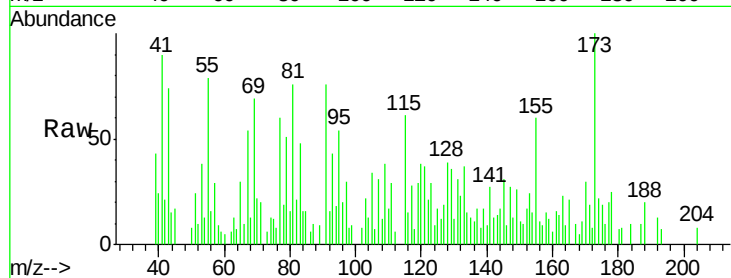




#53
2,4-Dinitrophenol
Concen: 9.56 ng
RT: 15.03 min Scan# 2075
Delta R.T. 0.17 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

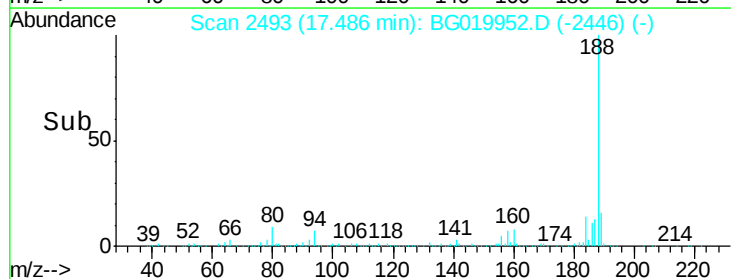
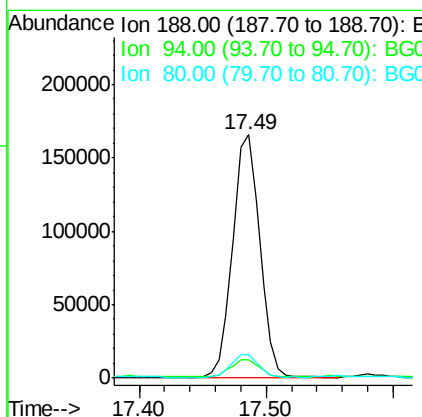
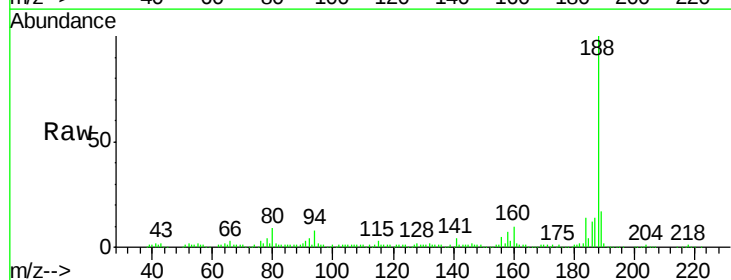
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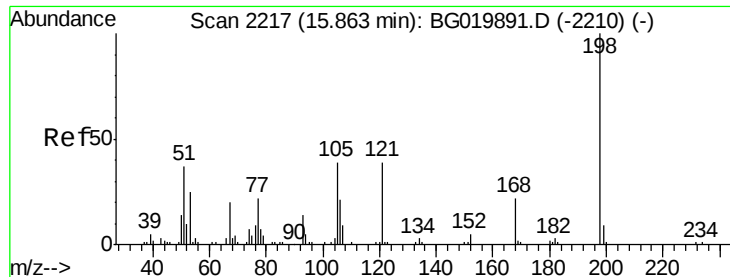
Tgt Ion:184 Resp: 316
Ion Ratio Lower Upper
184 100
63 130.6 42.7 64.1#
154 147.5 44.3 66.5#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

Tgt Ion:188 Resp: 244836
Ion Ratio Lower Upper
188 100
94 7.5 7.7 11.5#
80 9.5 7.8 11.8





#64

4,6-Dinitro-2-methylphenol

Concen: 6.37 ng

RT: 15.93 min Scan# 2229

Delta R.T. 0.06 min

Lab File: BG019952.D

Acq: 5 Dec 2015 21:31

Instrument :

BNA_G

ClientSampleId :

MW-18

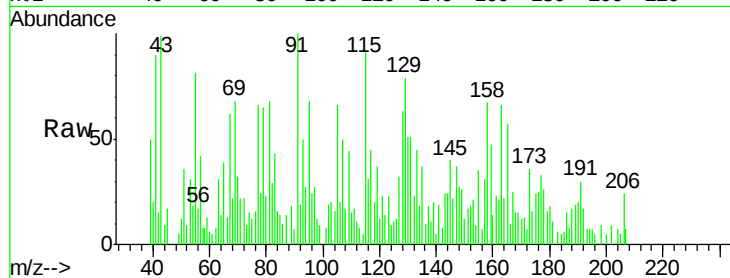
Tgt Ion:198 Resp: 417

Ion Ratio Lower Upper

198 100

51 417.8 14.2 54.2#

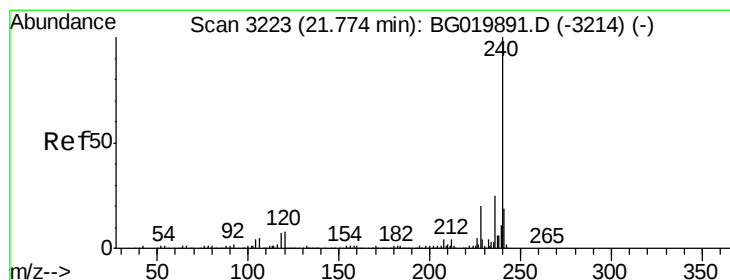
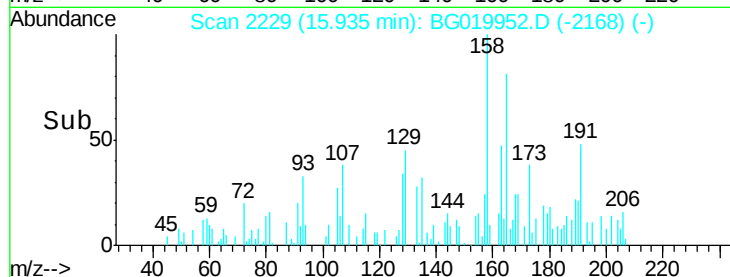
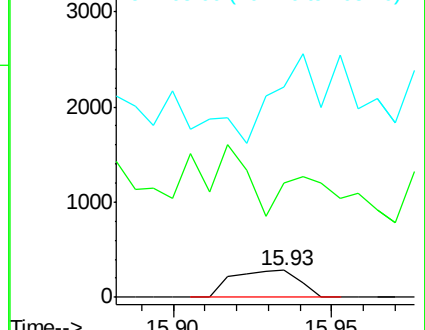
105 771.0 21.1 61.1#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.03 min

Lab File: BG019952.D

Acq: 5 Dec 2015 21:31

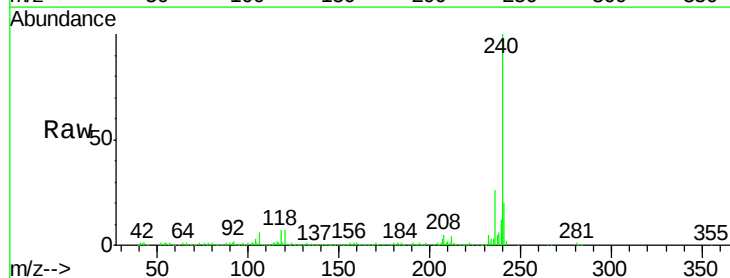
Tgt Ion:240 Resp: 303662

Ion Ratio Lower Upper

240 100

120 7.3 7.4 11.0#

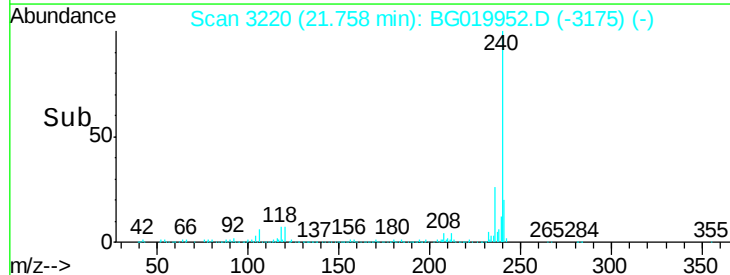
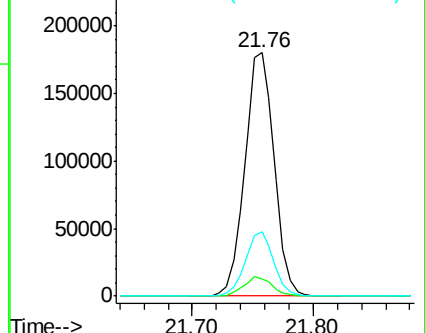
236 26.2 20.7 31.1

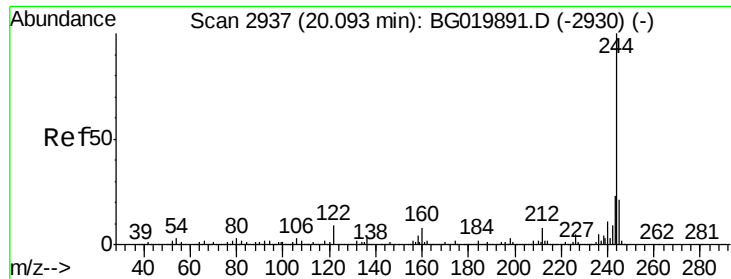


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

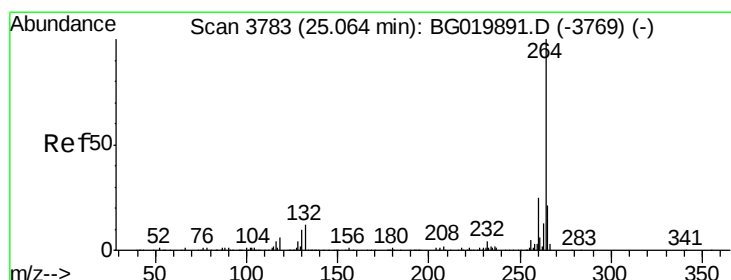
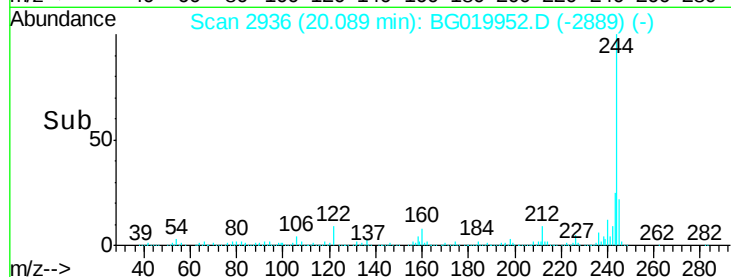
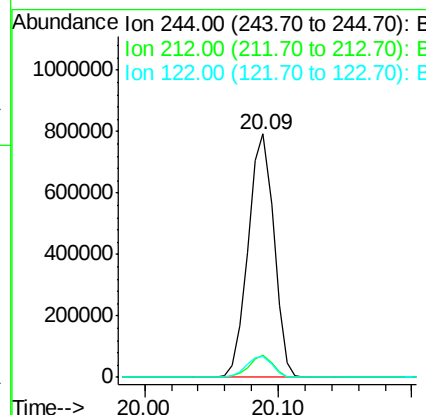
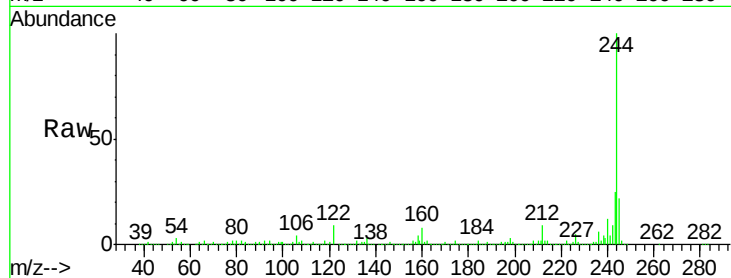




#78
 Terphenyl-d14
 Concen: 84.44 ng
 RT: 20.09 min Scan# 2936
 Delta R.T. -0.02 min
 Lab File: BG019952.D
 Acq: 5 Dec 2015 21:31

Instrument :
 BNA_G
 ClientSampleId :
 MW-18

Tgt Ion:244 Resp: 1051288
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.9 10.3
 122 8.8 10.2 15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.04 min Scan# 3778
 Delta R.T. -0.06 min
 Lab File: BG019952.D
 Acq: 5 Dec 2015 21:31

Tgt Ion:264 Resp: 287812
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 22.5 17.2 25.8

