

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120415\
 Data File : BG019920.D
 Acq On : 5 Dec 2015 00:56
 Operator : UM/NP
 Sample : G4630-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-31

Quant Time: Dec 05 04:23:49 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

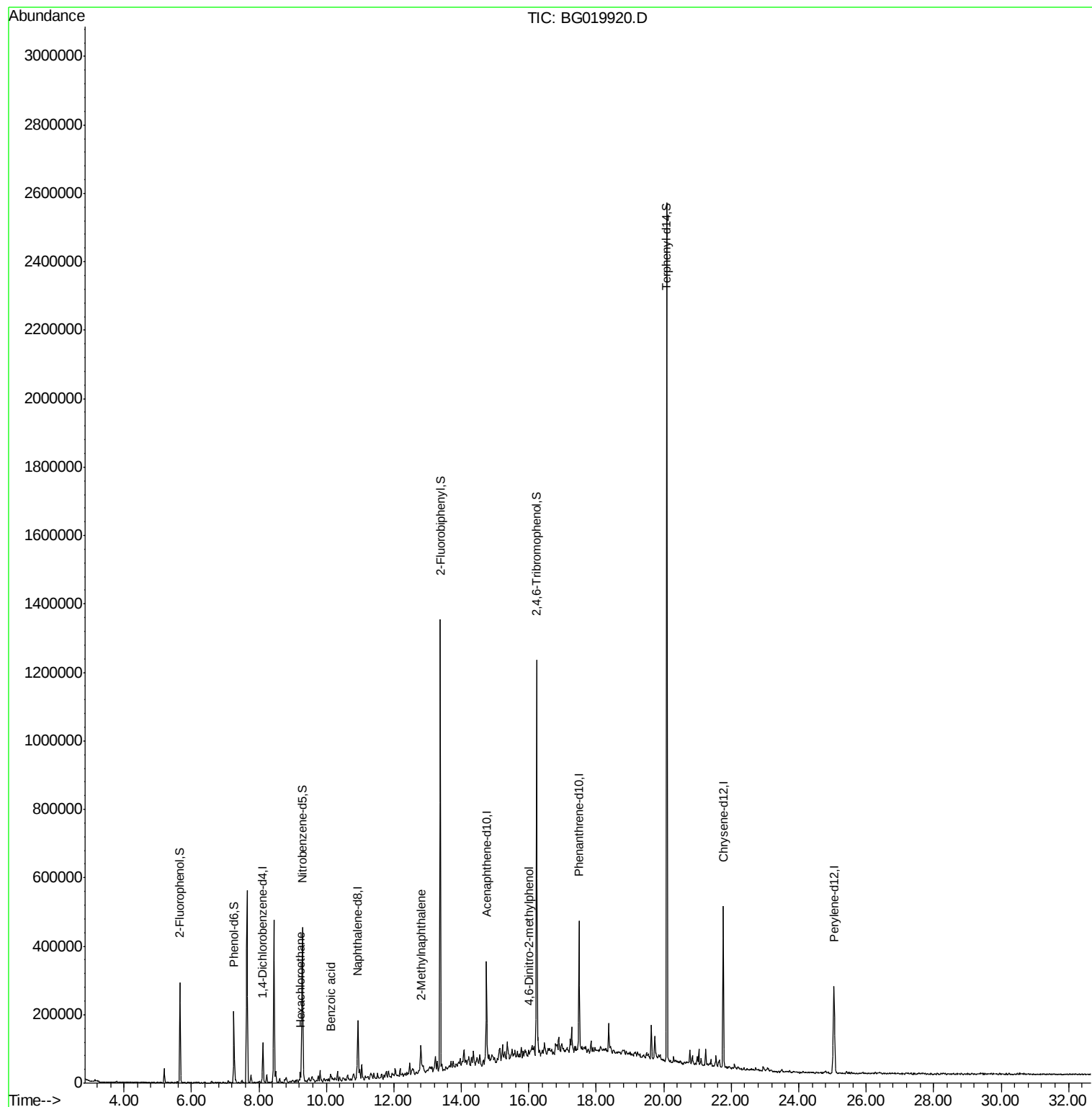
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	31343	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	135572	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	95614	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	226996	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	283866	20.00	ng	-0.03
86) Perylene-d12	25.04	264	272035	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	120542	69.51	ng	0.00
7) Phenol-d6	7.26	99	114329	43.66	ng	-0.02
23) Nitrobenzene-d5	9.29	82	271742	102.30	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	208995	142.86	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	654106	93.41	ng	-0.02
78) Terphenyl-d14	20.09	244	1066470	91.64	ng	-0.02
Target Compounds						
18) Hexachloroethane	9.24	117	5713	6.16	ng	# 22
32) Benzoic acid	10.14	122	174	6.10	ng	# 1
37) 2-Methylnaphthalene	12.80	142	33901	6.37	ng	# 96
64) 4,6-Dinitro-2-methylphenol	16.00	198	118	6.19	ng	# 1

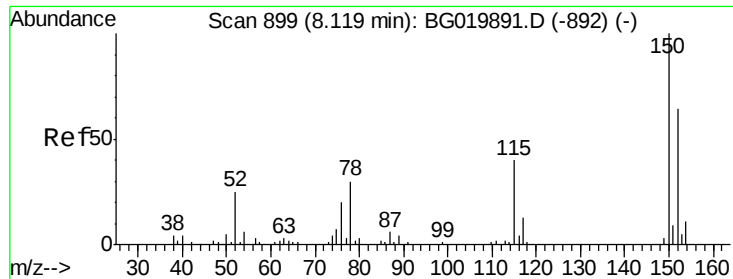
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120415\
Data File : BG019920.D
Acq On : 5 Dec 2015 00:56
Operator : UM/NP
Sample : G4630-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

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Quant Time: Dec 05 04:23:49 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
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QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019920.D

Acq: 5 Dec 2015 00:56

Instrument :

BNA_G

ClientSampleId :

MW-31

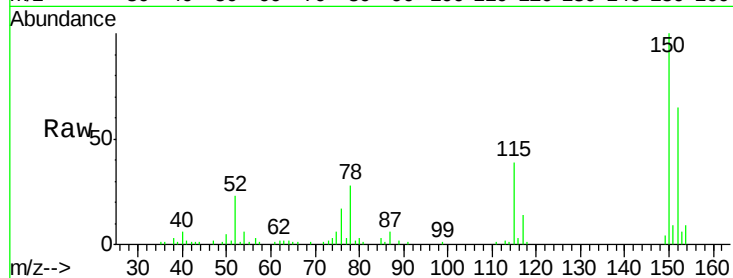
Tgt Ion:152 Resp: 31343

Ion Ratio Lower Upper

152 100

150 153.3 115.0 172.4

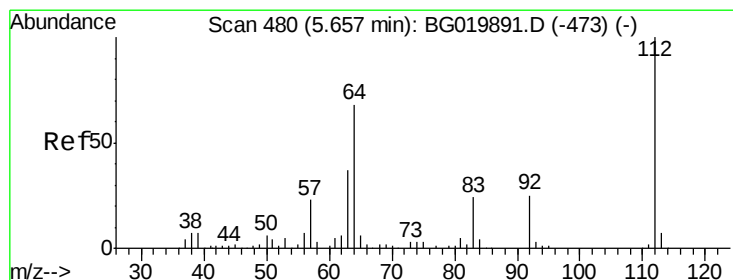
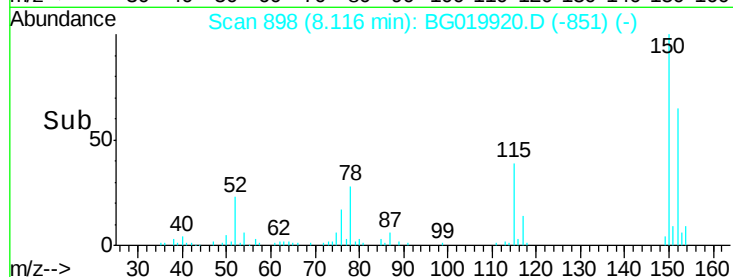
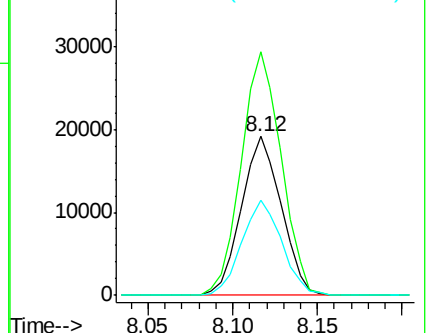
115 59.6 43.9 65.9



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: 69.51 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019920.D

Acq: 5 Dec 2015 00:56

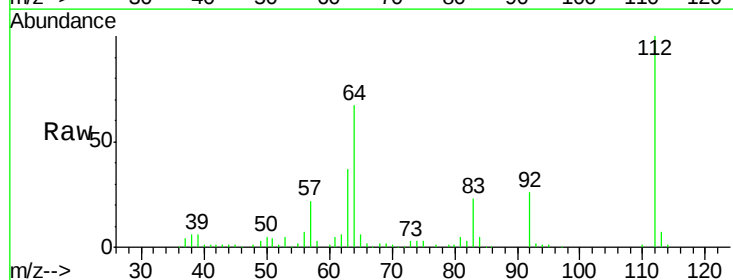
Tgt Ion:112 Resp: 120542

Ion Ratio Lower Upper

112 100

64 67.4 43.7 65.5#

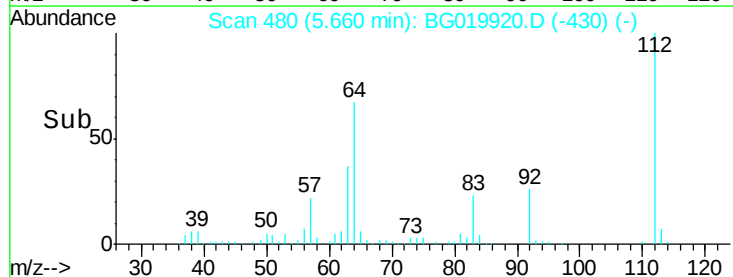
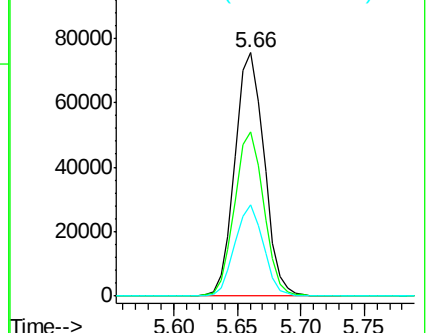
63 37.3 24.0 36.0#

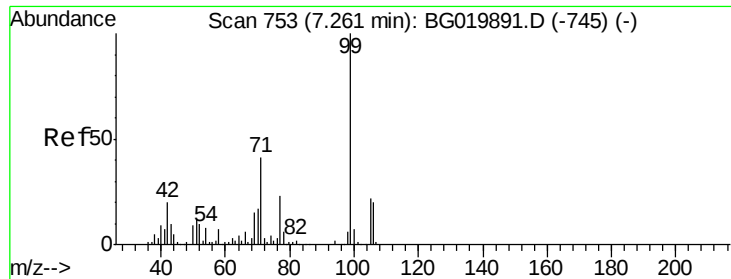


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 43.66 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019920.D

Acq: 5 Dec 2015 00:56

Instrument :

BNA_G

ClientSampleId :

MW-31

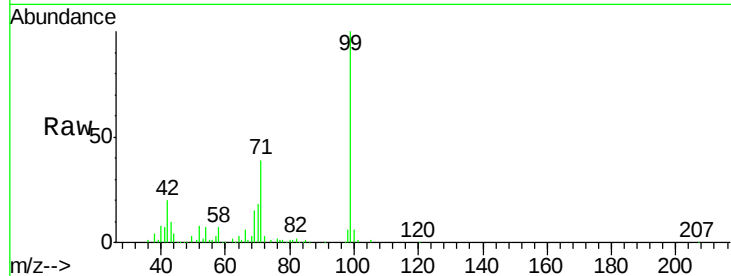
Tgt Ion: 99 Resp: 114329

Ion Ratio Lower Upper

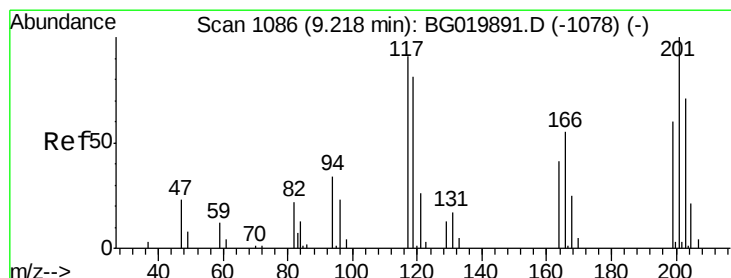
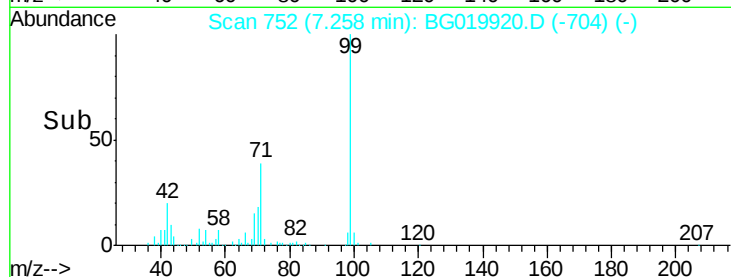
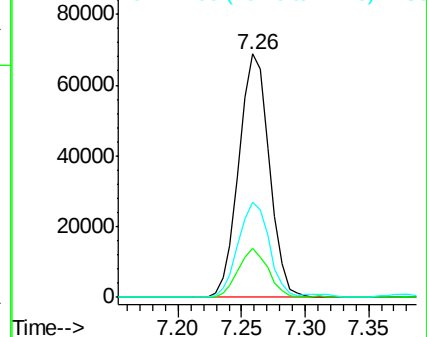
99 100

42 20.0 11.5 17.3#

71 39.1 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: 6.16 ng

RT: 9.24 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BG019920.D

Acq: 5 Dec 2015 00:56

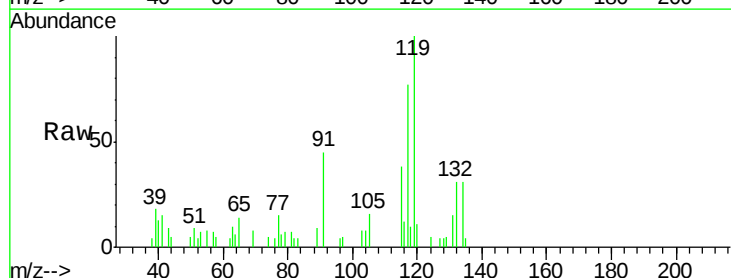
Tgt Ion: 117 Resp: 5713

Ion Ratio Lower Upper

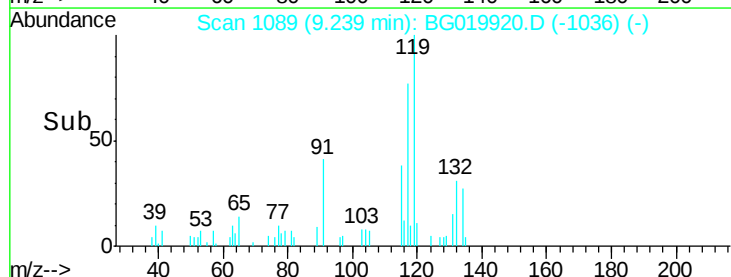
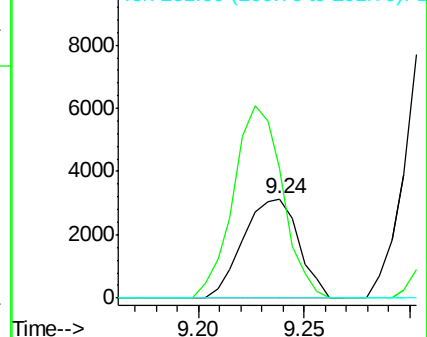
117 100

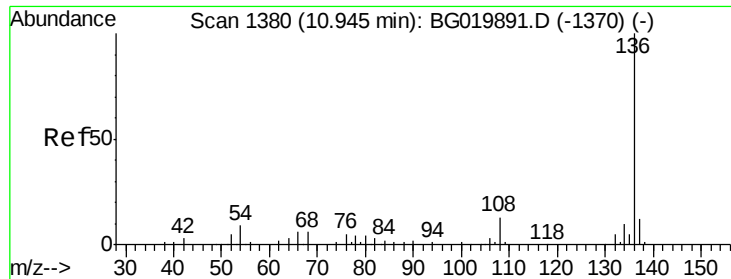
119 130.2 71.7 107.5#

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

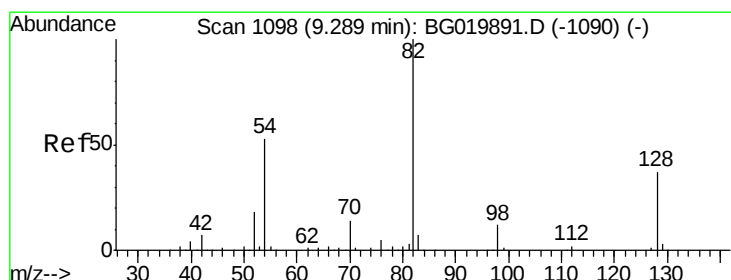
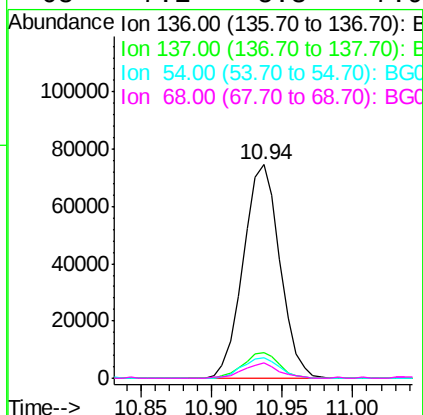
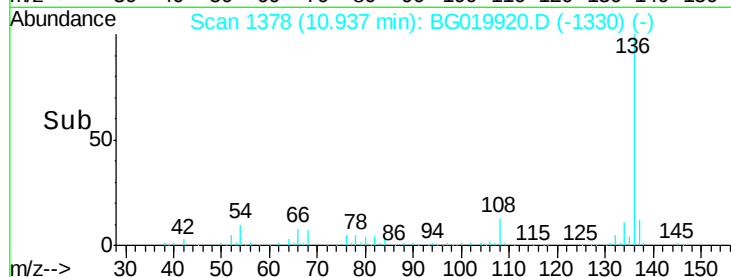
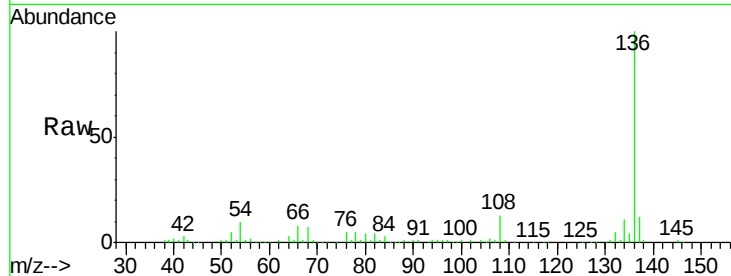




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019920.D
Acq: 5 Dec 2015 00:56

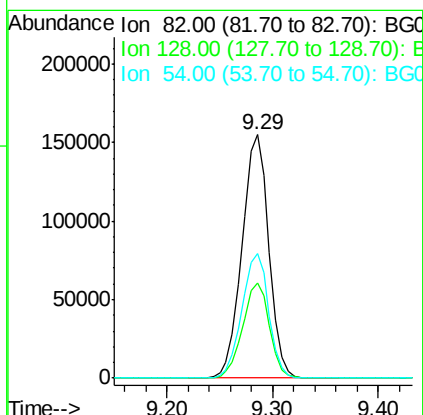
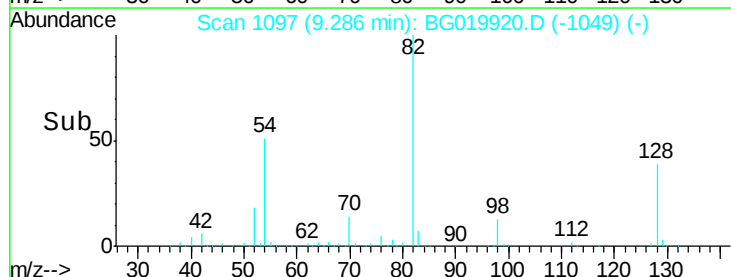
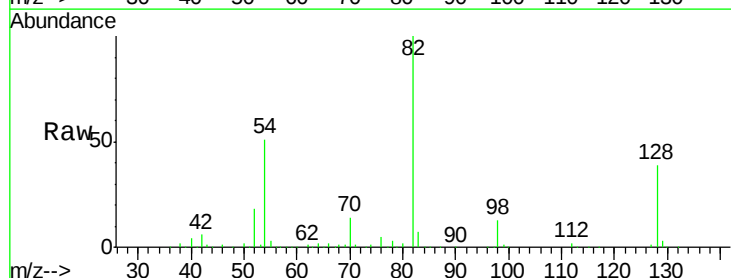
Instrument :
BNA_G
ClientSampleId :
MW-31

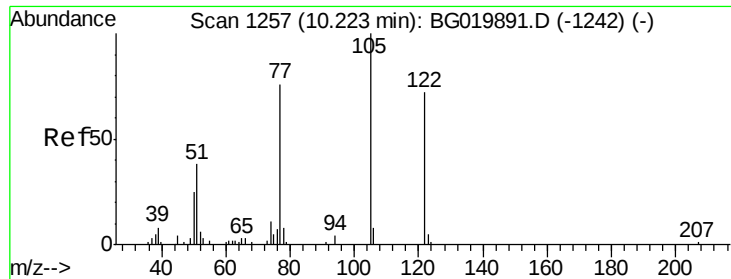
Tgt Ion:	136	Resp:	135572
Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.6	12.8
54	9.7	5.4	8.2#
68	7.1	5.3	7.9



#23
Nitrobenzene-d5
Concen: 102.30 ng
RT: 9.29 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019920.D
Acq: 5 Dec 2015 00:56

Tgt Ion:	82	Resp:	271742
Ion	Ratio	Lower	Upper
82	100		
128	38.8	36.7	55.1
54	51.3	33.8	50.8#

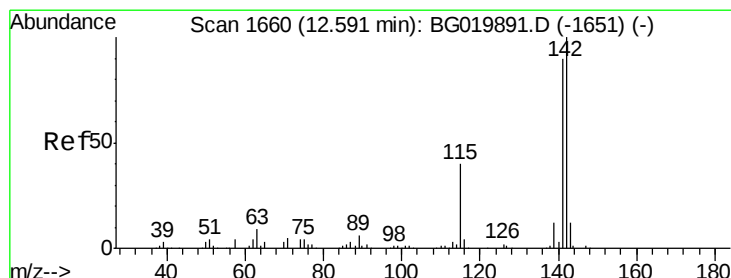
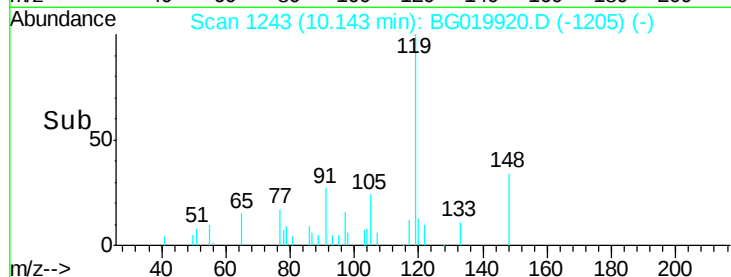
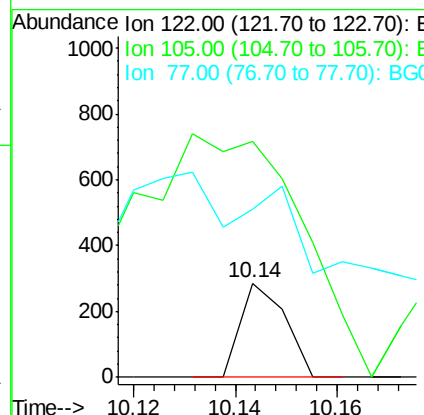
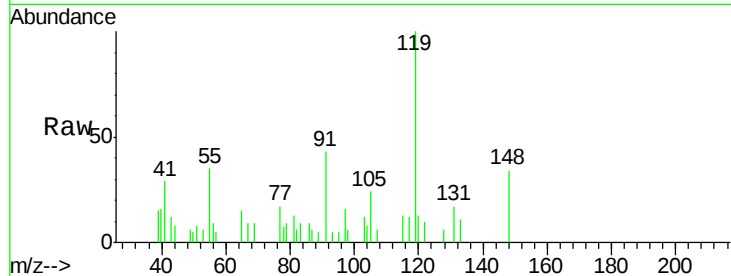




#32
Benzoic acid
Concen: 6.10 ng
RT: 10.14 min Scan# 1243
Delta R.T. -0.08 min
Lab File: BG019920.D
Acq: 5 Dec 2015 00:56

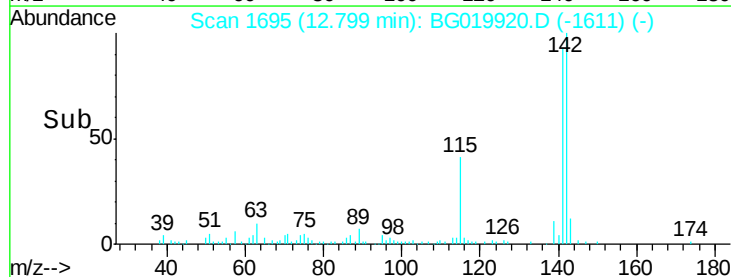
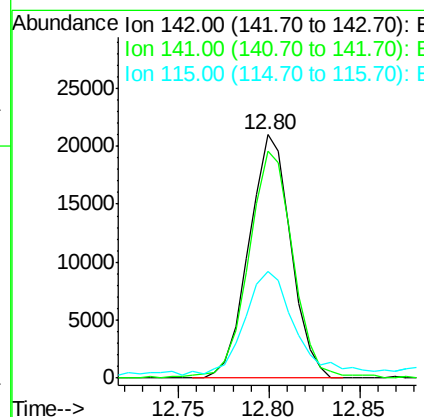
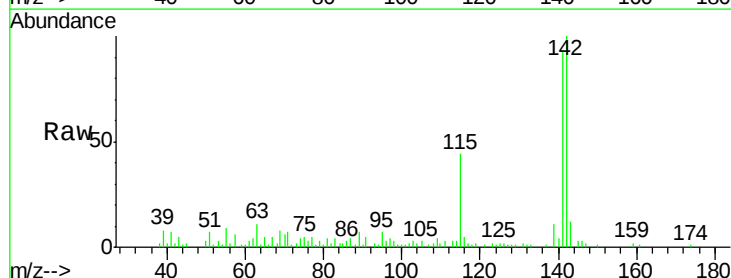
Instrument :
BNA_G
ClientSampled :
MW-31

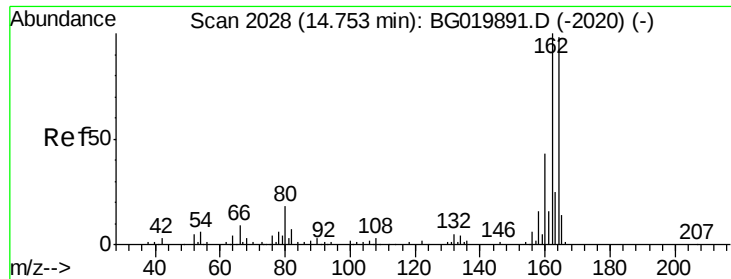
Tgt Ion:122 Resp: 174
Ion Ratio Lower Upper
122 100
105 250.3 103.8 143.8#
77 178.0 68.8 108.8#



#37
2-Methylnaphthalene
Concen: 6.37 ng
RT: 12.80 min Scan# 1695
Delta R.T. 0.20 min
Lab File: BG019920.D
Acq: 5 Dec 2015 00:56

Tgt Ion:142 Resp: 33901
Ion Ratio Lower Upper
142 100
141 93.3 74.6 112.0
115 43.6 27.4 41.0#

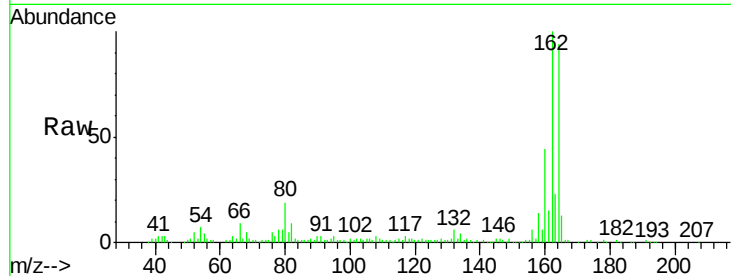




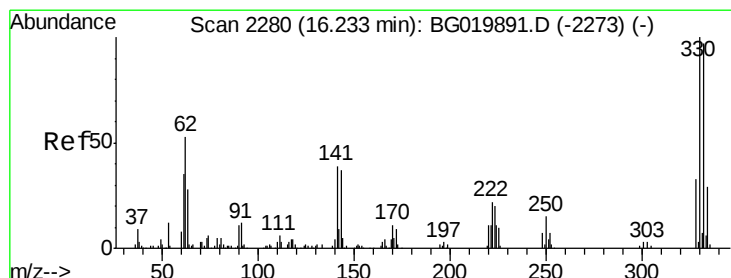
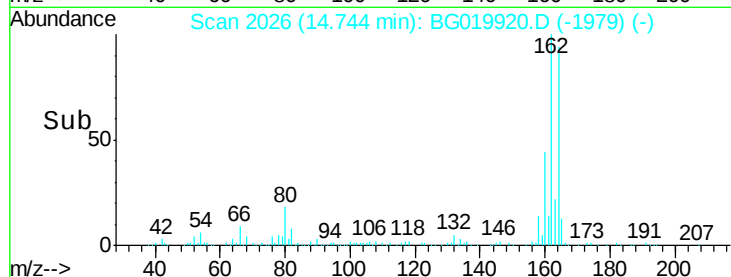
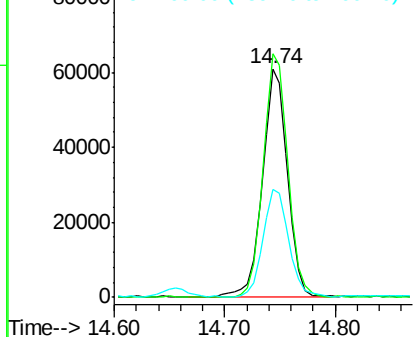
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019920.D
Acq: 5 Dec 2015 00:56

Instrument :
BNA_G
ClientSampleId :
MW-31

Tgt Ion:164 Resp: 95614
Ion Ratio Lower Upper
164 100
162 106.4 78.8 118.2
160 47.2 36.4 54.6

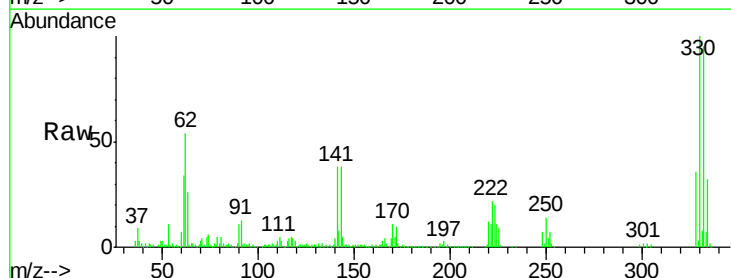


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

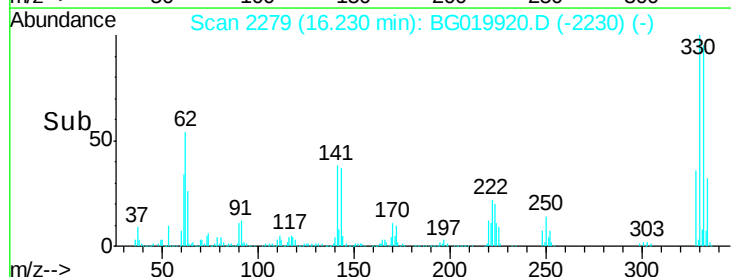
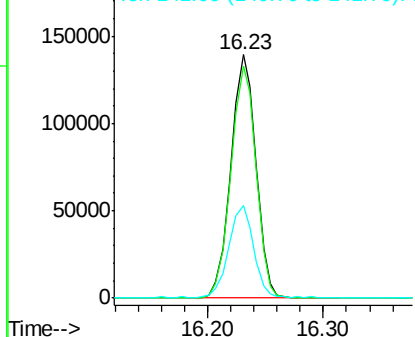


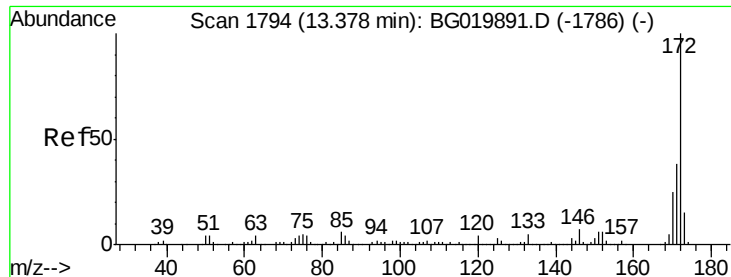
#41
2,4,6-Tribromophenol
Concen: 142.86 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BG019920.D
Acq: 5 Dec 2015 00:56

Tgt Ion:330 Resp: 208995
Ion Ratio Lower Upper
330 100
332 95.9 78.1 117.1
141 37.7 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

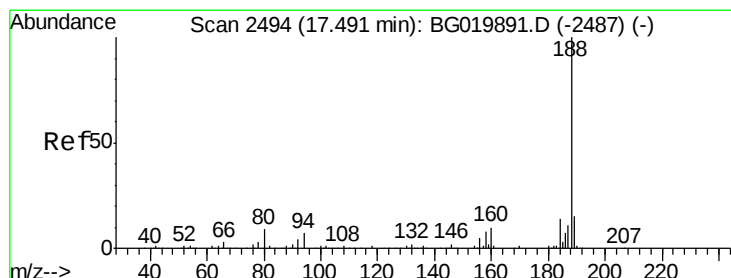
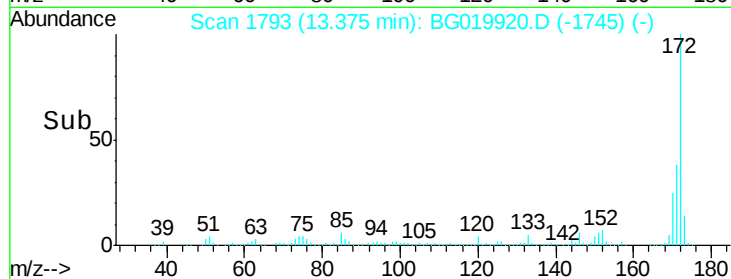
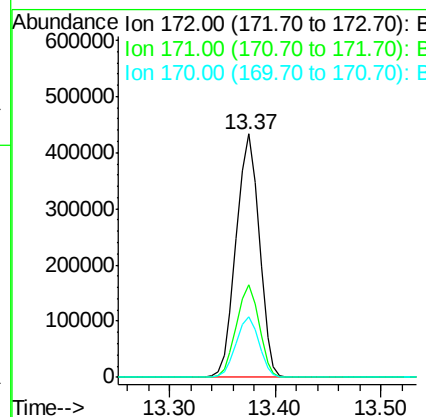
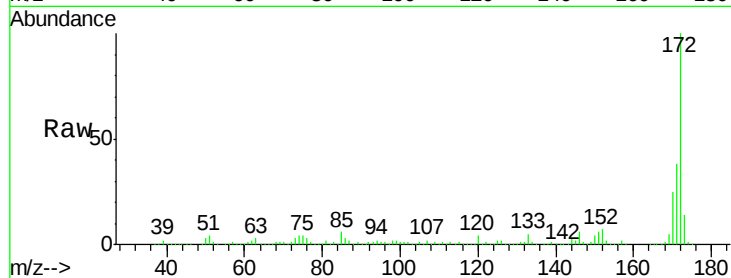




#44
2-Fluorobiphenyl
Concen: 93.41 ng
RT: 13.37 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG019920.D
Acq: 5 Dec 2015 00:56

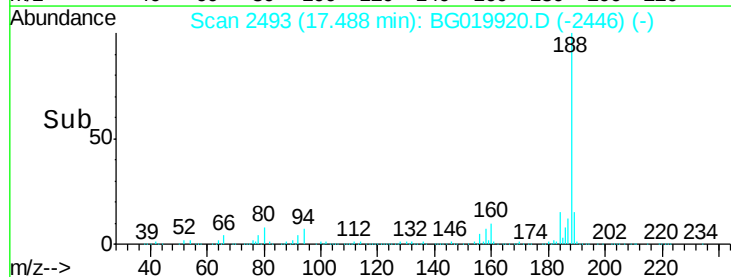
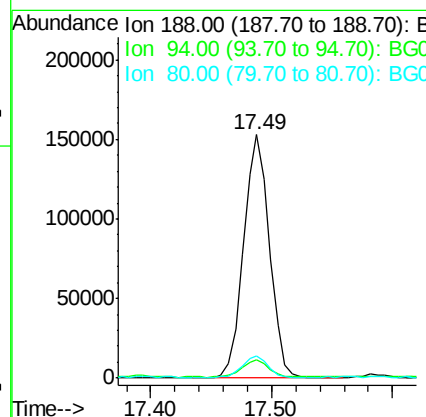
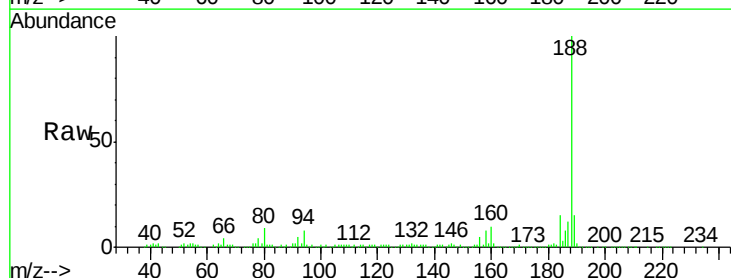
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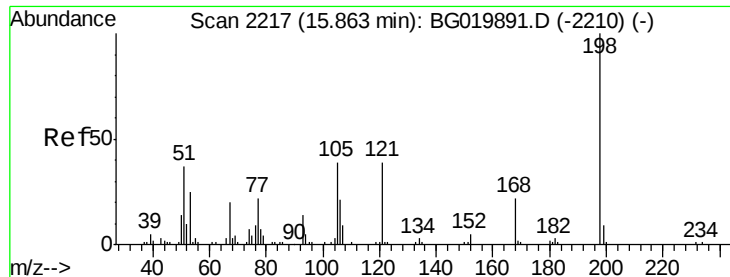
Tgt Ion:172 Resp: 654106
Ion Ratio Lower Upper
172 100
171 37.8 29.0 43.6
170 24.9 19.9 29.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019920.D
Acq: 5 Dec 2015 00:56

Tgt Ion:188 Resp: 226996
Ion Ratio Lower Upper
188 100
94 7.7 7.7 11.5
80 8.9 7.8 11.8

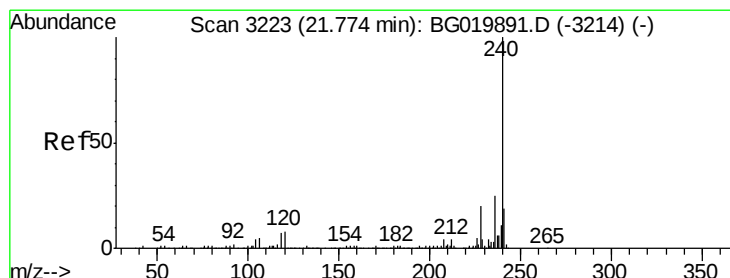
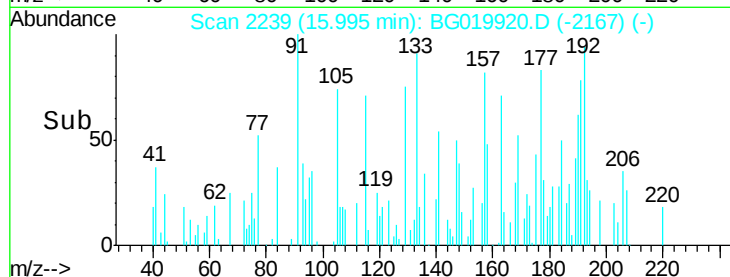
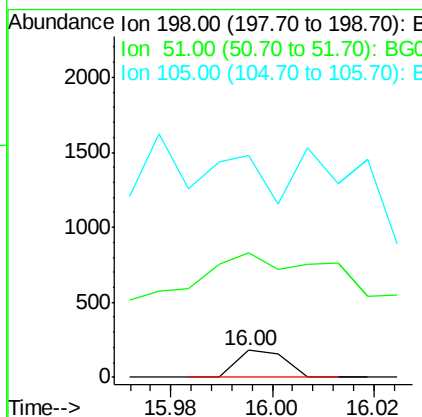
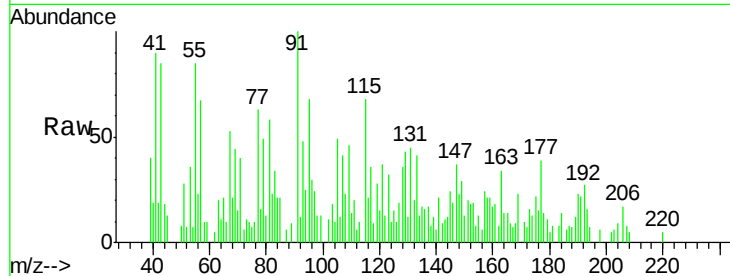




#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.19 ng
 RT: 16.00 min Scan# 2239
 Delta R.T. 0.12 min
 Lab File: BG019920.D
 Acq: 5 Dec 2015 00:56

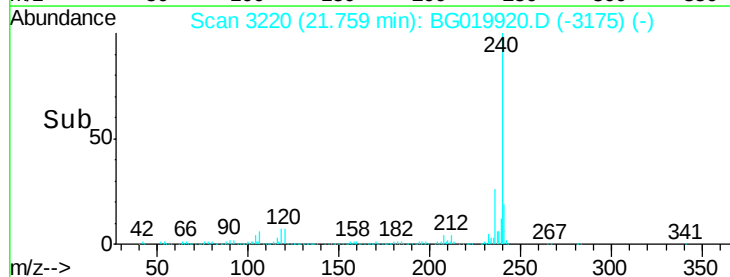
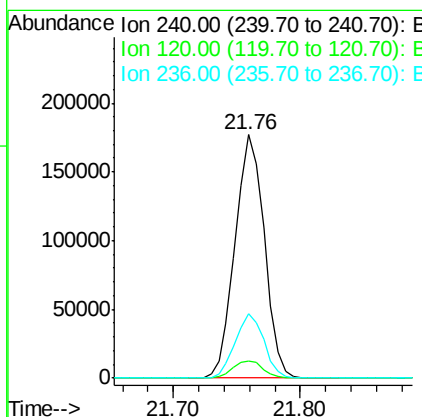
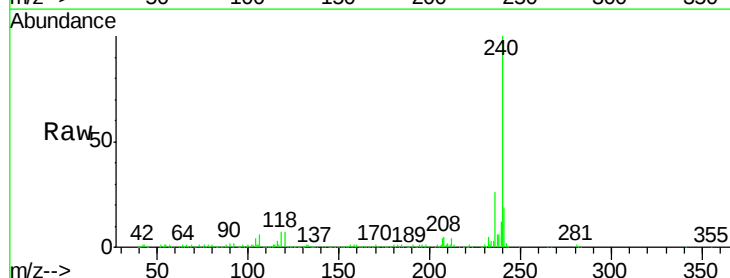
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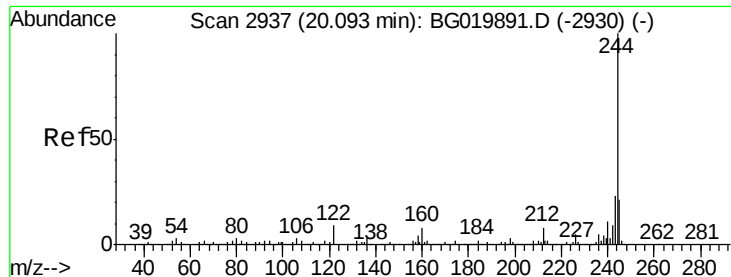
Tgt Ion:198 Resp: 118
 Ion Ratio Lower Upper
 198 100
 51 458.0 14.2 54.2#
 105 814.9 21.1 61.1#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.76 min Scan# 3220
 Delta R.T. -0.03 min
 Lab File: BG019920.D
 Acq: 5 Dec 2015 00:56

Tgt Ion:240 Resp: 283866
 Ion Ratio Lower Upper
 240 100
 120 7.1 7.4 11.0#
 236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 91.64 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.02 min

Lab File: BG019920.D

Acq: 5 Dec 2015 00:56

Instrument :

BNA_G

ClientSampleId :

MW-31

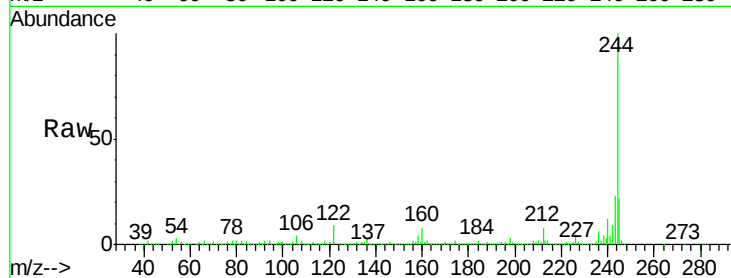
Tgt Ion:244 Resp: 1066470

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

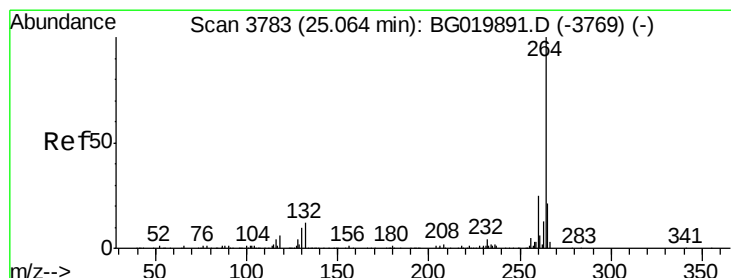
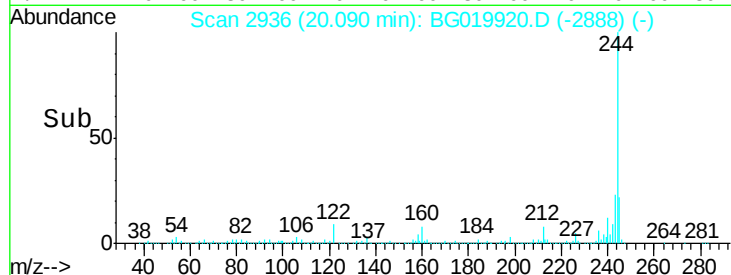
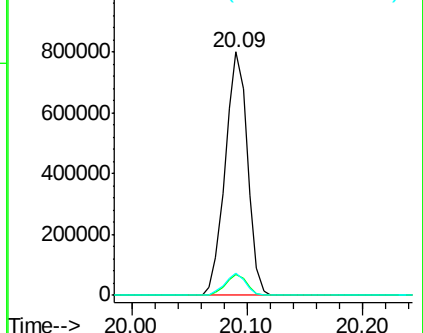
122 8.9 10.2 15.2#



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: 25.04 min Scan# 3779

Delta R.T. -0.05 min

Lab File: BG019920.D

Acq: 5 Dec 2015 00:56

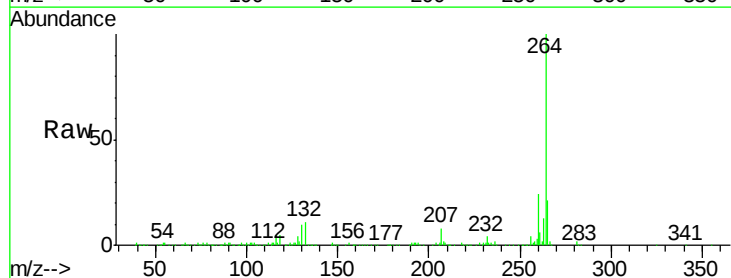
Tgt Ion:264 Resp: 272035

Ion Ratio Lower Upper

264 100

260 24.0 18.5 27.7

265 21.5 17.2 25.8



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

