

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120615\
 Data File : BG019970.D
 Acq On : 6 Dec 2015 17:02
 Operator : UM/NP
 Sample : G4630-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-33

Quant Time: Dec 07 03:20:41 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

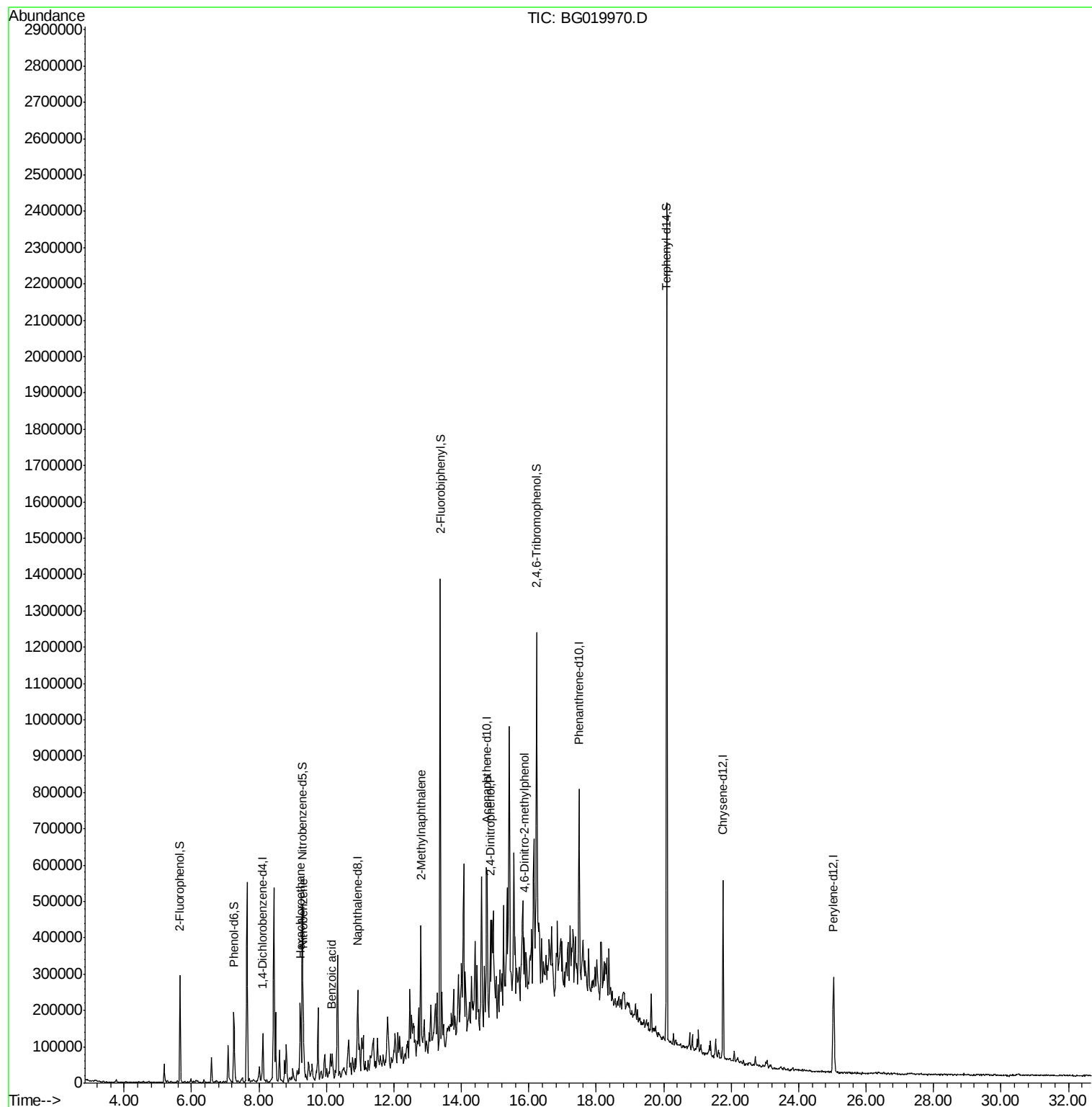
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	35196	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	146418	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	154518	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	235063	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	298997	20.00	ng	-0.04
86) Perylene-d12	25.03	264	291315	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	122837	63.08	ng	-0.01
7) Phenol-d6	7.26	99	112146	38.14	ng	-0.02
23) Nitrobenzene-d5	9.28	82	285050	99.36	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	183303	77.53	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	648233	57.28	ng	-0.02
78) Terphenyl-d14	20.09	244	992298	80.95	ng	-0.02
Target Compounds						Qvalue
18) Hexachloroethane	9.23	117	41291	39.67	ng	# 3
24) Nitrobenzene	9.31	77	10673	3.43	ng	# 9
32) Benzoic acid	10.17	122	279	6.15	ng	# 1
37) 2-Methylnaphthalene	12.80	142	118456	20.61	ng	# 92
53) 2,4-Dinitrophenol	14.85	184	53	9.30	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.87	198	419	6.38	ng	# 1

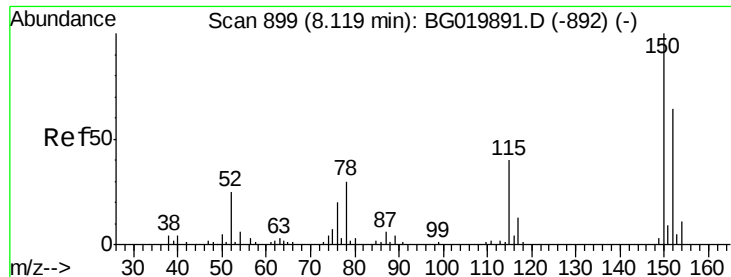
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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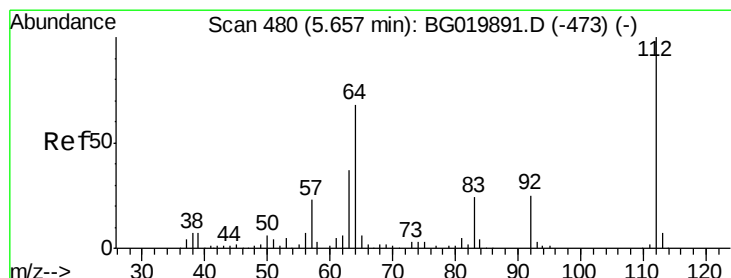
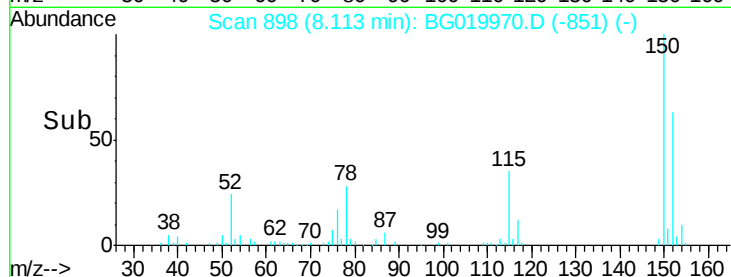
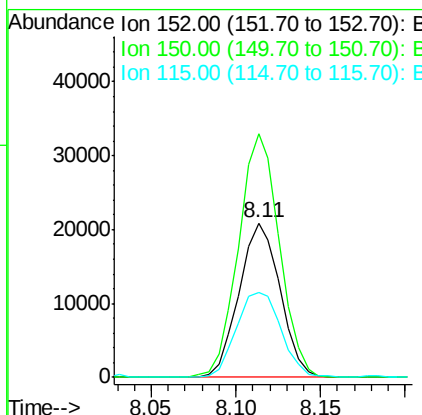
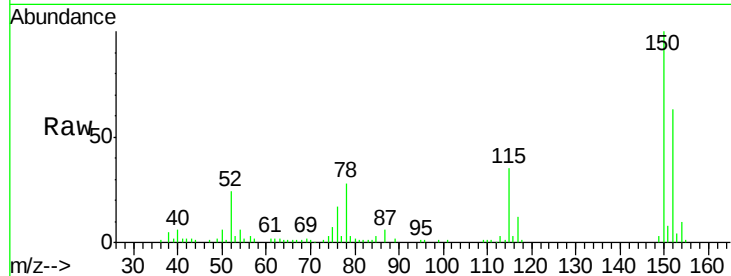


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019970.D
Acq: 6 Dec 2015 17:02

Instrument :
BNA_G
ClientSampled :
MW-33

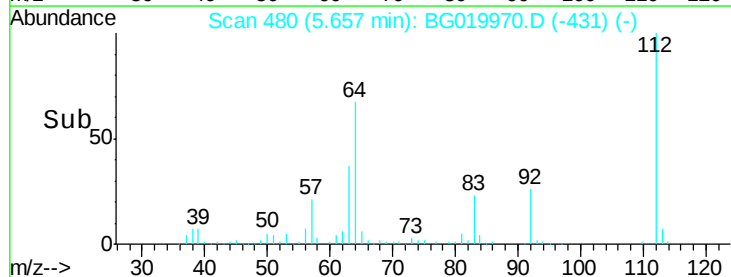
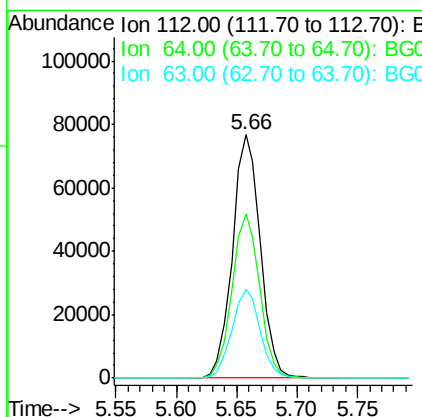
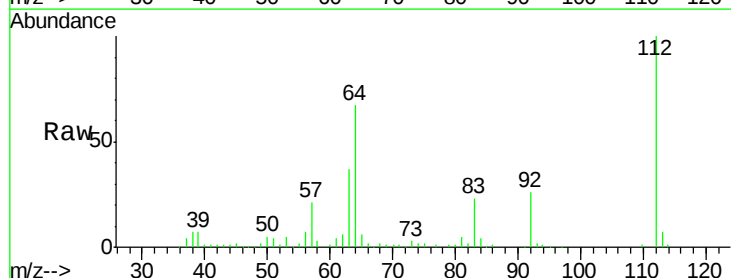
Tgt Ion:152 Resp: 35196
Ion Ratio Lower Upper
152 100
150 158.1 115.0 172.4
115 55.3 43.9 65.9

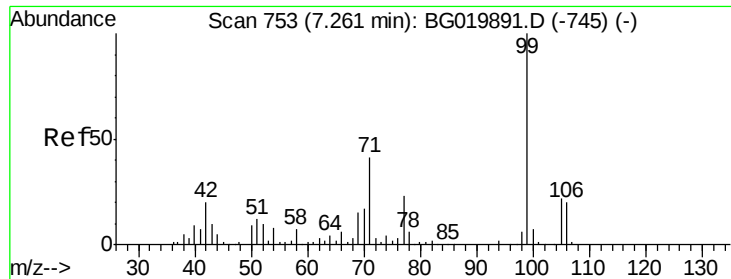


#5

2-Fluorophenol
Concen: 63.08 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019970.D
Acq: 6 Dec 2015 17:02

Tgt Ion:112 Resp: 122837
Ion Ratio Lower Upper
112 100
64 67.3 43.7 65.5#
63 36.6 24.0 36.0#





#7

Phenol-d6

Concen: 38.14 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019970.D

Acq: 6 Dec 2015 17:02

Instrument :

BNA_G

ClientSampleId :

MW-33

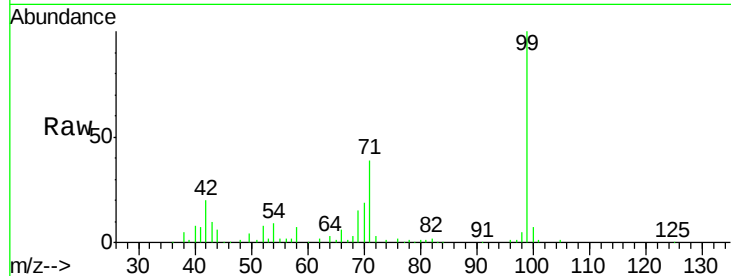
Tgt Ion: 99 Resp: 112146

Ion Ratio Lower Upper

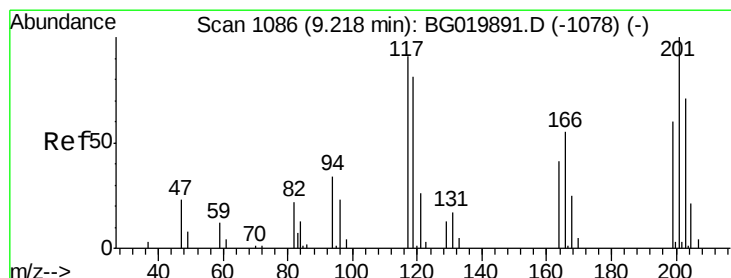
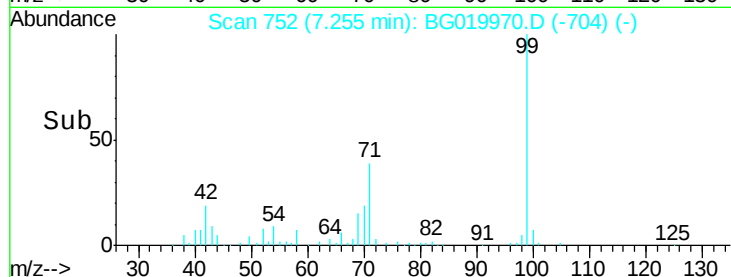
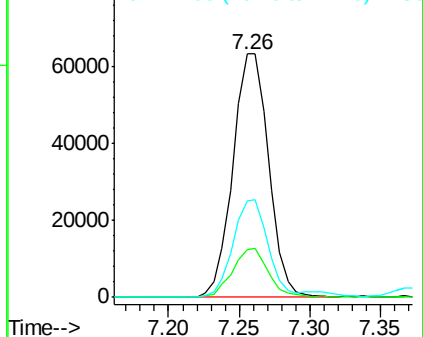
99 100

42 19.5 11.5 17.3#

71 39.5 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: 39.67 ng

RT: 9.23 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BG019970.D

Acq: 6 Dec 2015 17:02

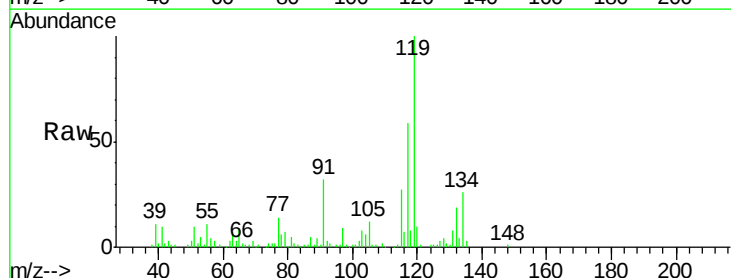
Tgt Ion: 117 Resp: 41291

Ion Ratio Lower Upper

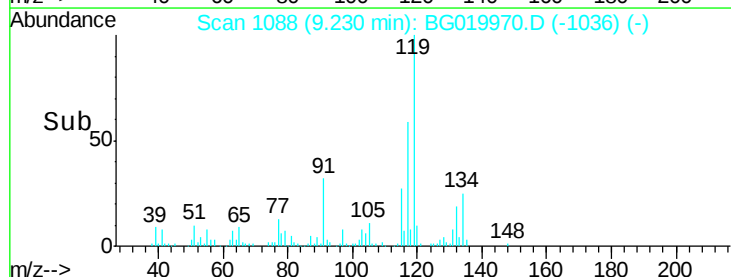
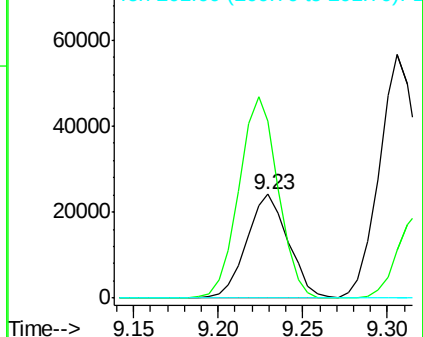
117 100

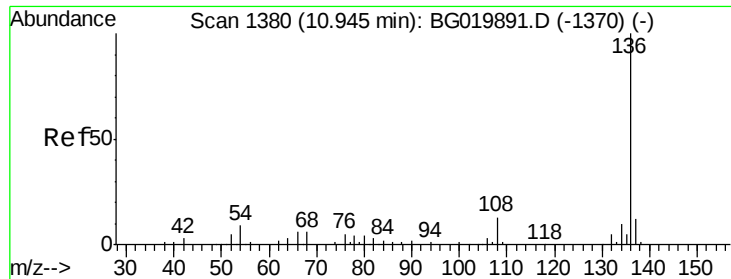
119 170.7 71.7 107.5#

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

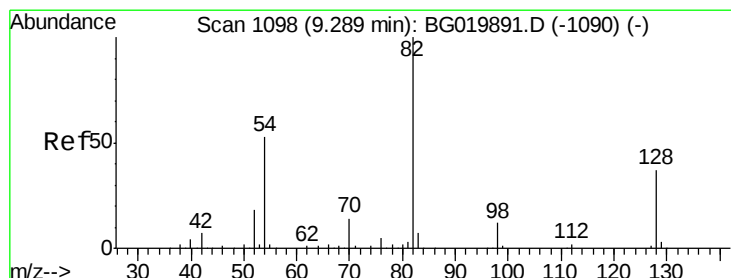
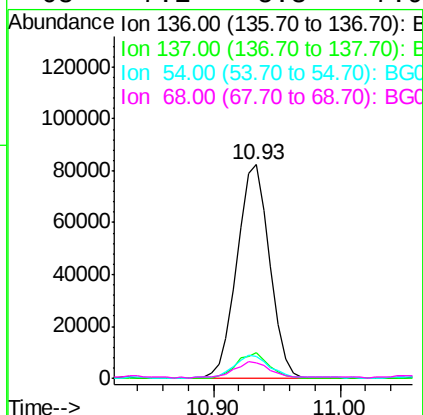
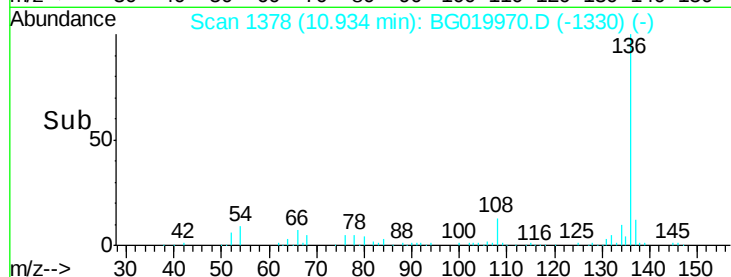
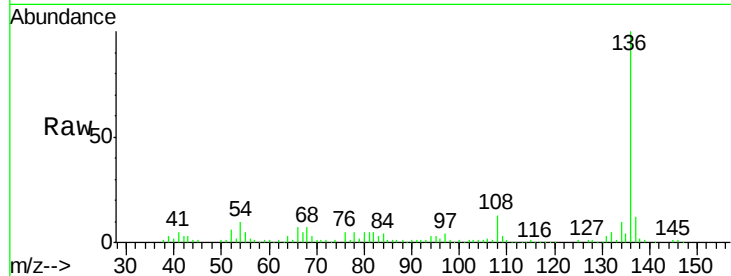




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019970.D
Acq: 6 Dec 2015 17:02

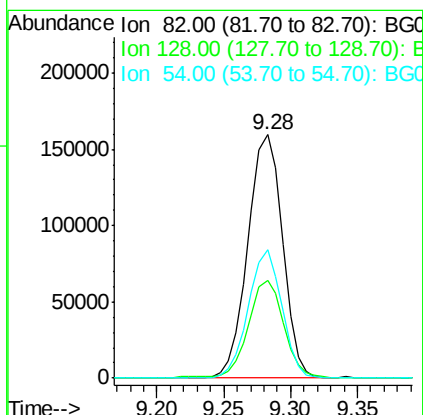
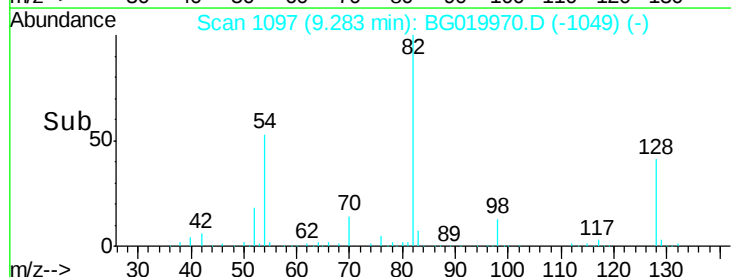
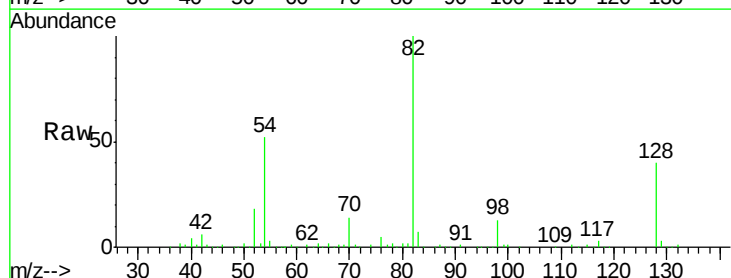
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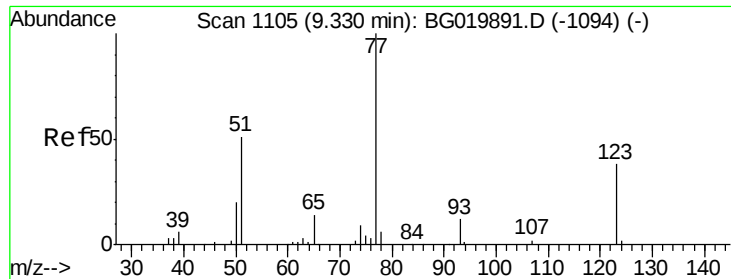
Tgt Ion:	136	Resp:	146418
Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.6	12.8
54	10.5	5.4	8.2#
68	7.1	5.3	7.9



#23
Nitrobenzene-d5
Concen: 99.36 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019970.D
Acq: 6 Dec 2015 17:02

Tgt Ion:	82	Resp:	285050
Ion	Ratio	Lower	Upper
82	100		
128	40.4	36.7	55.1
54	52.5	33.8	50.8#

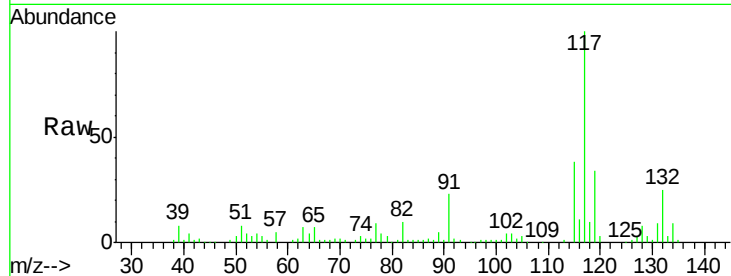




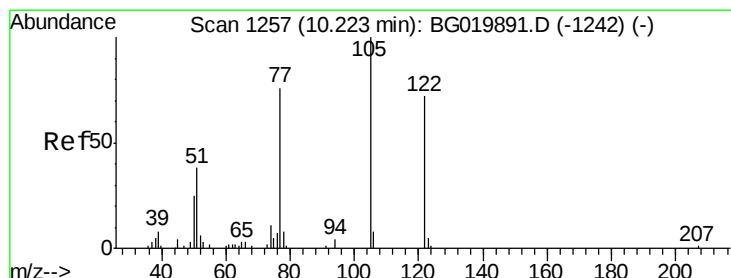
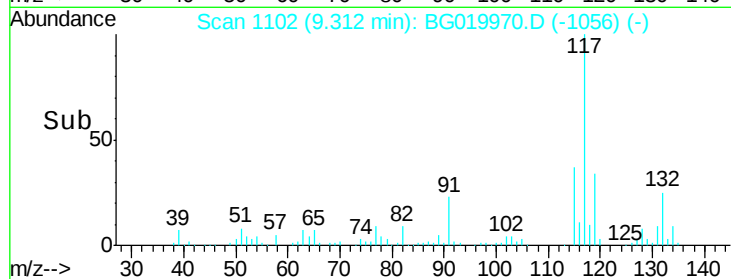
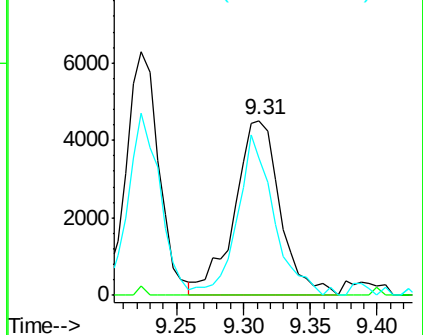
#24
 Nitrobenzene
 Concen: 3.43 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. -0.03 min
 Lab File: BG019970.D
 Acq: 6 Dec 2015 17:02

Instrument :
 BNA_G
 ClientSampleId :
 MW-33

Tgt Ion: 77 Resp: 10673
 Ion Ratio Lower Upper
 77 100
 123 0.0 38.2 57.2#
 65 78.8 10.6 16.0#

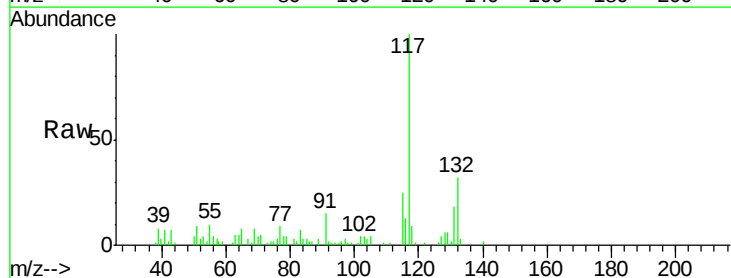


Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

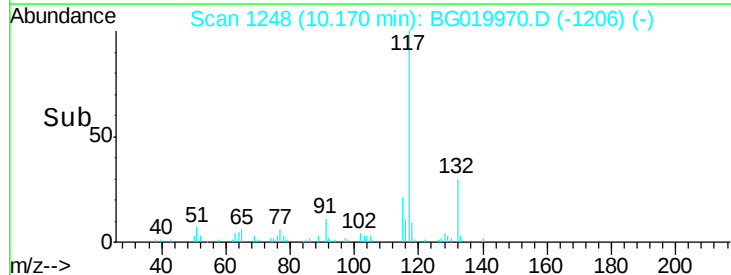
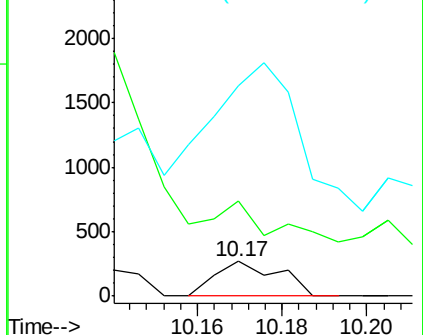


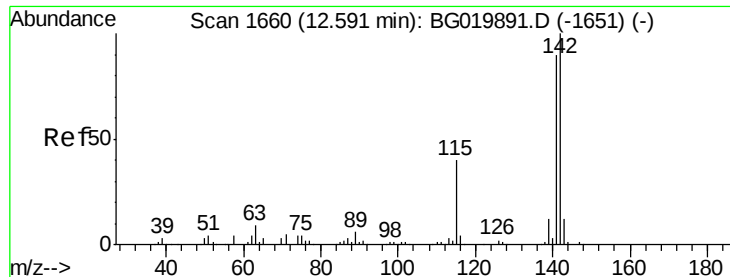
#32
 Benzoic acid
 Concen: 6.15 ng
 RT: 10.17 min Scan# 1248
 Delta R.T. -0.05 min
 Lab File: BG019970.D
 Acq: 6 Dec 2015 17:02

Tgt Ion: 122 Resp: 279
 Ion Ratio Lower Upper
 122 100
 105 273.3 103.8 143.8#
 77 603.0 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

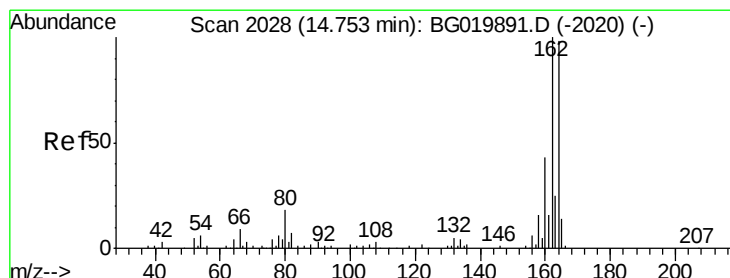
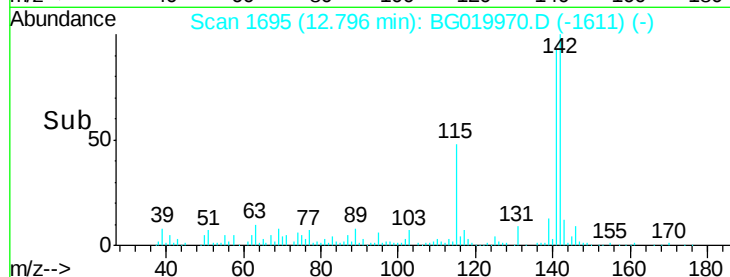
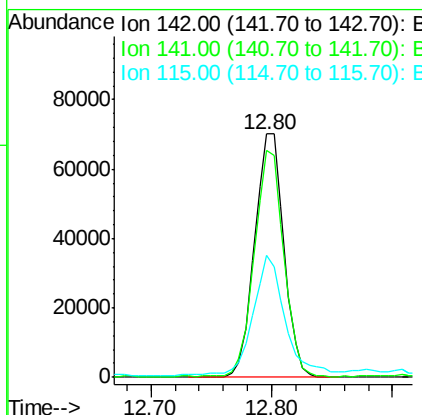
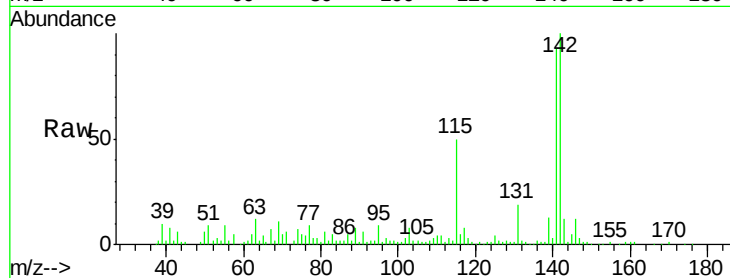




#37
2-Methylnaphthalene
Concen: 20.61 ng
RT: 12.80 min Scan# 1695
Delta R.T. 0.19 min
Lab File: BG019970.D
Acq: 6 Dec 2015 17:02

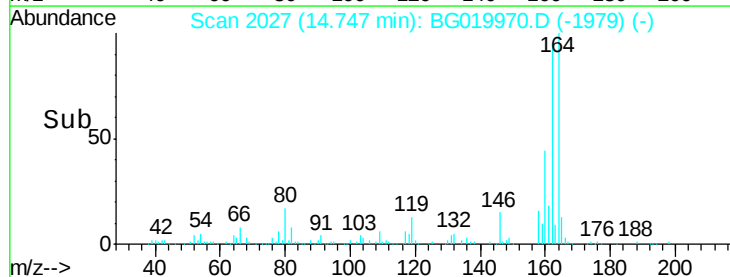
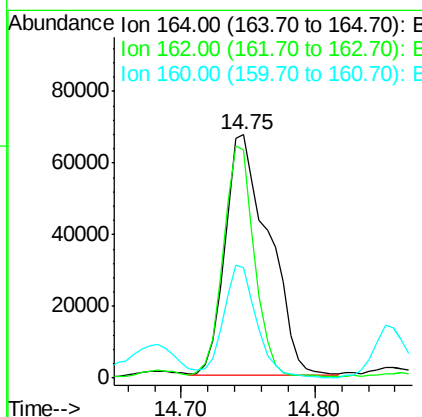
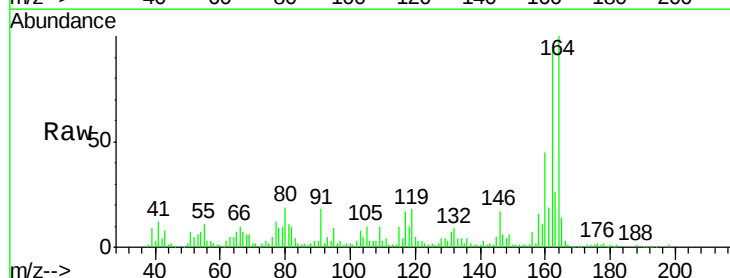
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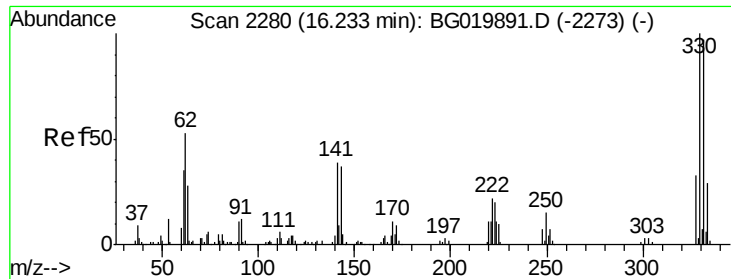
Tgt Ion:142 Resp: 118456
Ion Ratio Lower Upper
142 100
141 93.1 74.6 112.0
115 50.1 27.4 41.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019970.D
Acq: 6 Dec 2015 17:02

Tgt Ion:164 Resp: 154518
Ion Ratio Lower Upper
164 100
162 93.8 78.8 118.2
160 45.4 36.4 54.6





#41

2,4,6-Tribromophenol

Concen: 77.53 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BG019970.D

Acq: 6 Dec 2015 17:02

Instrument :

BNA_G

ClientSampleId :

MW-33

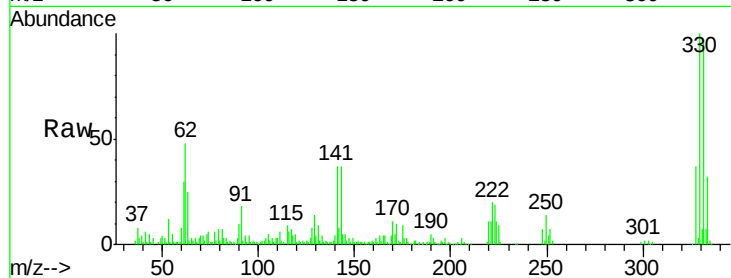
Tgt Ion:330 Resp: 183303

Ion Ratio Lower Upper

330 100

332 96.4 78.1 117.1

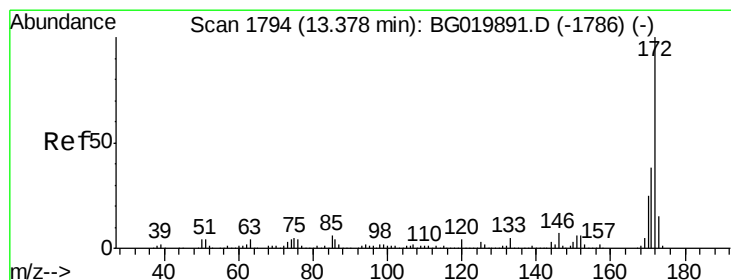
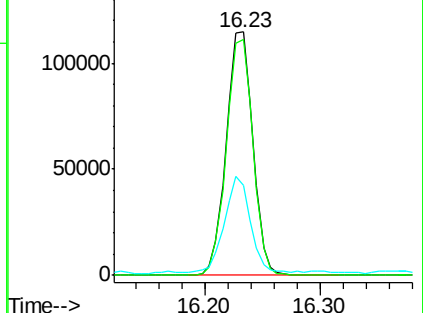
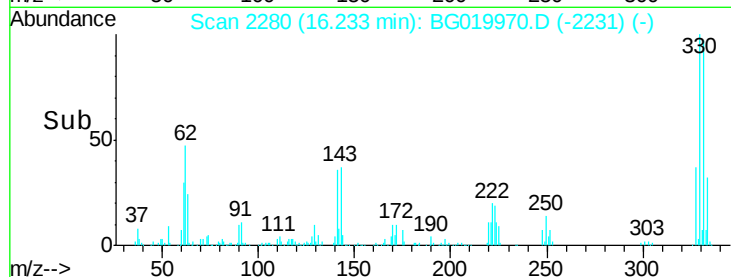
141 37.9 28.2 42.2



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: 57.28 ng

RT: 13.37 min Scan# 1793

Delta R.T. -0.02 min

Lab File: BG019970.D

Acq: 6 Dec 2015 17:02

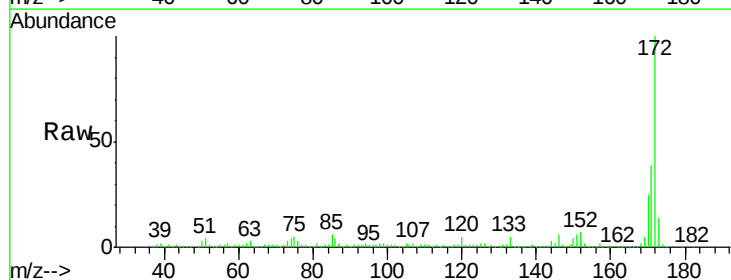
Tgt Ion:172 Resp: 648233

Ion Ratio Lower Upper

172 100

171 38.7 29.0 43.6

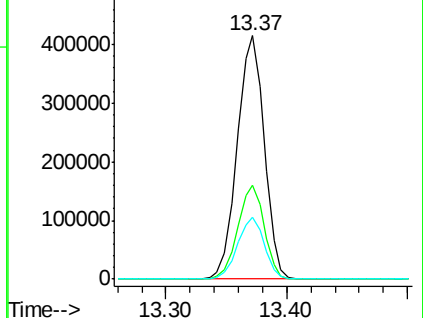
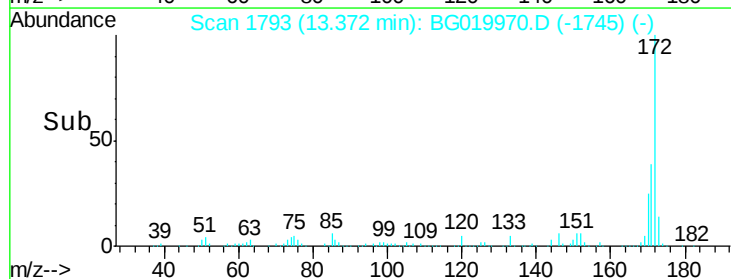
170 25.4 19.9 29.9

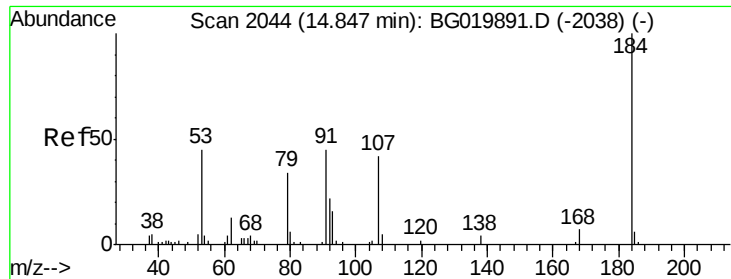


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

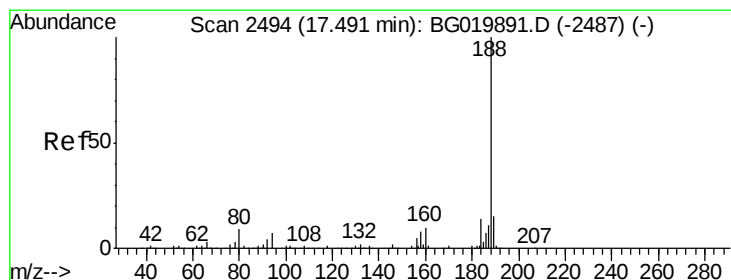
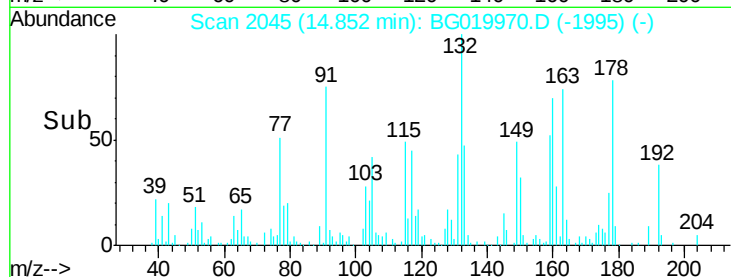
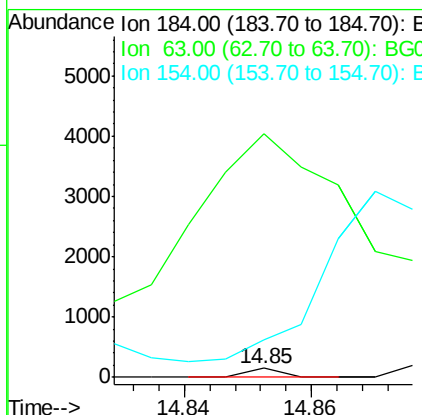
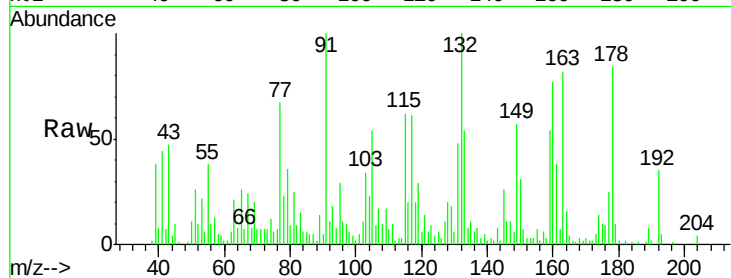




#53
2,4-Dinitrophenol
Concen: 9.30 ng
RT: 14.85 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG019970.D
Acq: 6 Dec 2015 17:02

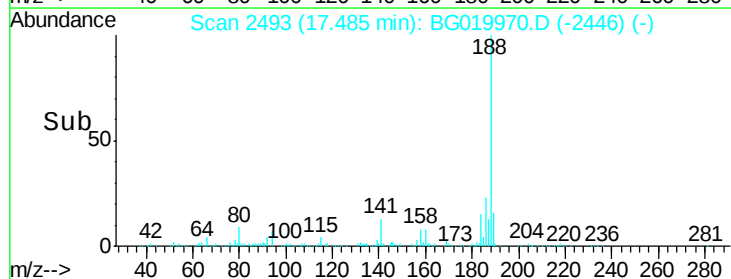
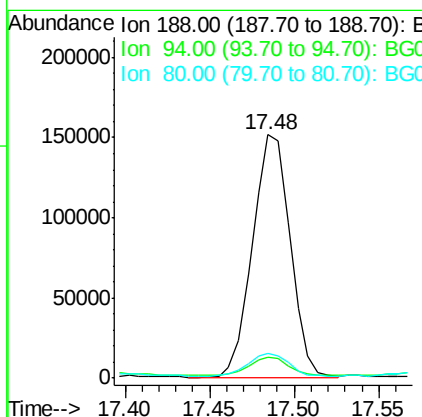
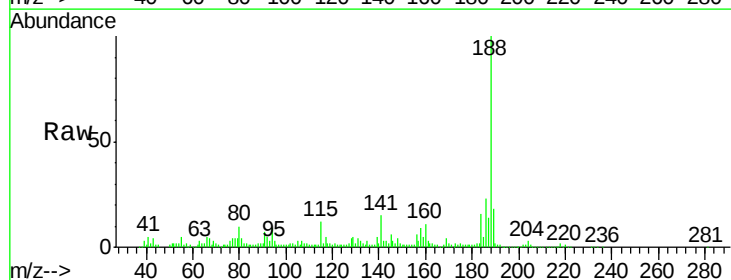
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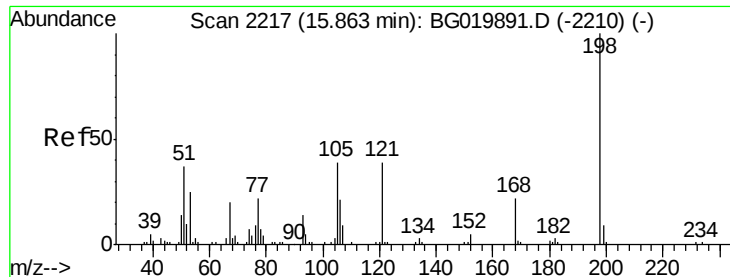
Tgt Ion:184 Resp: 53
Ion Ratio Lower Upper
184 100
63 2692.0 42.7 64.1#
154 410.0 44.3 66.5#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019970.D
Acq: 6 Dec 2015 17:02

Tgt Ion:188 Resp: 235063
Ion Ratio Lower Upper
188 100
94 8.8 7.7 11.5
80 10.3 7.8 11.8





#64

4,6-Dinitro-2-methylphenol

Concen: 6.38 ng

RT: 15.87 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG019970.D

Acq: 6 Dec 2015 17:02

Instrument :

BNA_G

ClientSampleId :

MW-33

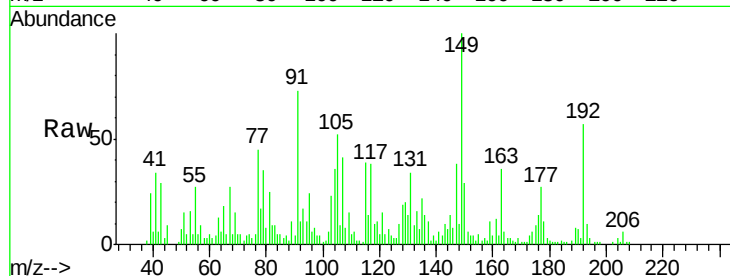
Tgt Ion:198 Resp: 419

Ion Ratio Lower Upper

198 100

51 1040.8 14.2 54.2#

105 3526.9 21.1 61.1#

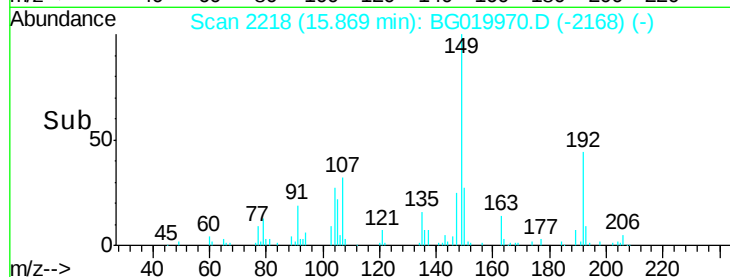


Abundance Ion 198.00 (197.70 to 198.70): E

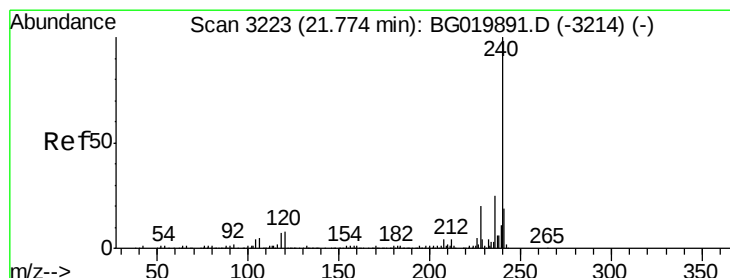
Ion 51.00 (50.70 to 51.70): BG019891.D (-2210) (-)

Ion 105.00 (104.70 to 105.70): BG019891.D (-2210) (-)

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.04 min

Lab File: BG019970.D

Acq: 6 Dec 2015 17:02

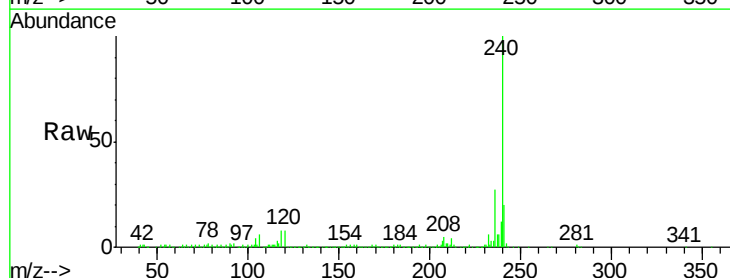
Tgt Ion:240 Resp: 298997

Ion Ratio Lower Upper

240 100

120 7.8 7.4 11.0

236 26.9 20.7 31.1

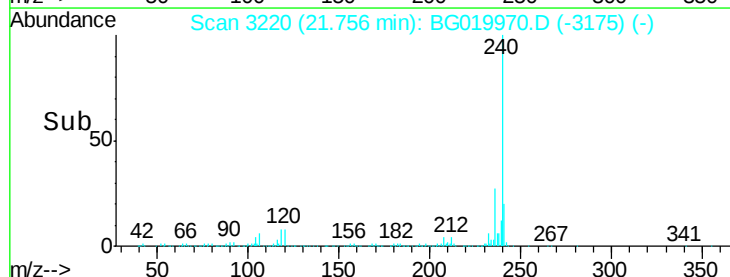


Abundance Ion 240.00 (239.70 to 240.70): E

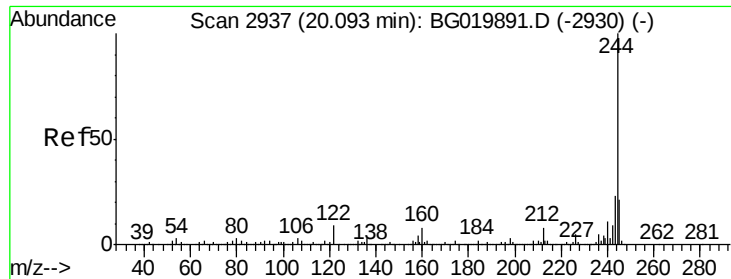
Ion 120.00 (119.70 to 120.70): BG019891.D (-3214) (-)

Ion 236.00 (235.70 to 236.70): BG019891.D (-3214) (-)

Time-->



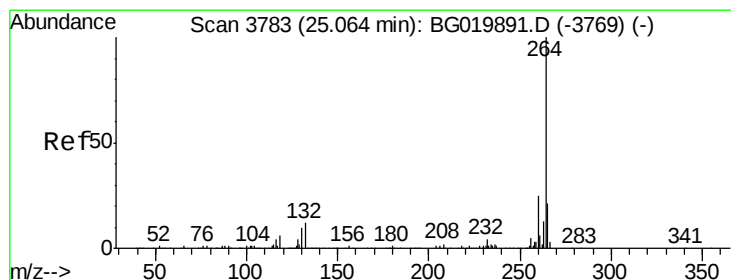
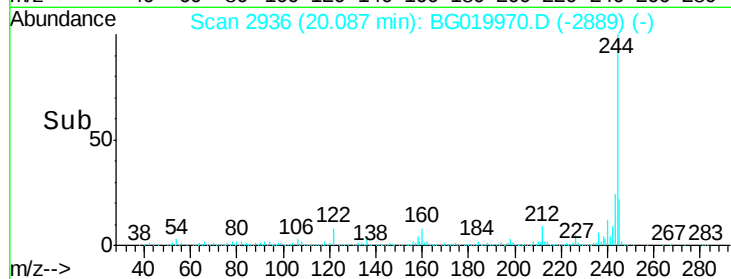
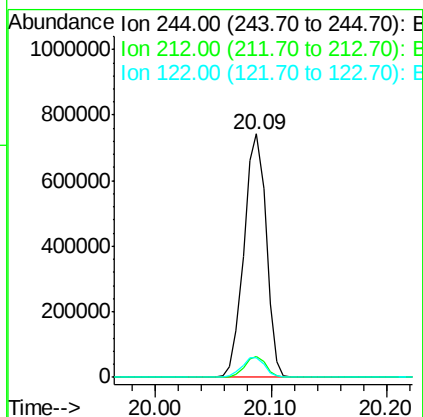
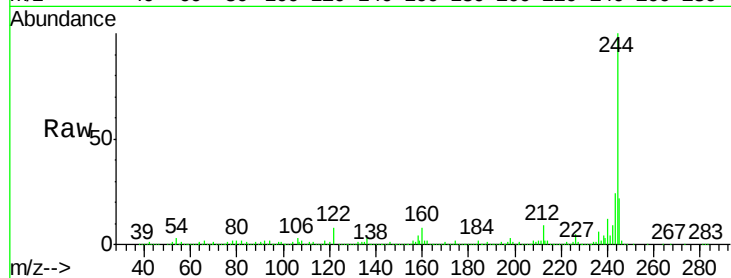
Time-->



#78
 Terphenyl-d14
 Concen: 80.95 ng
 RT: 20.09 min Scan# 2936
 Delta R.T. -0.02 min
 Lab File: BG019970.D
 Acq: 6 Dec 2015 17:02

Instrument :
 BNA_G
 ClientSampleId :
 MW-33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	8.3	10.2	15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3778
 Delta R.T. -0.06 min
 Lab File: BG019970.D
 Acq: 6 Dec 2015 17:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.5	27.7
265	21.8	17.2	25.8

