

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120415\
 Data File : BG019915.D
 Acq On : 4 Dec 2015 21:43
 Operator : UM/NP
 Sample : G4630-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-10

Quant Time: Dec 05 00:30:49 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

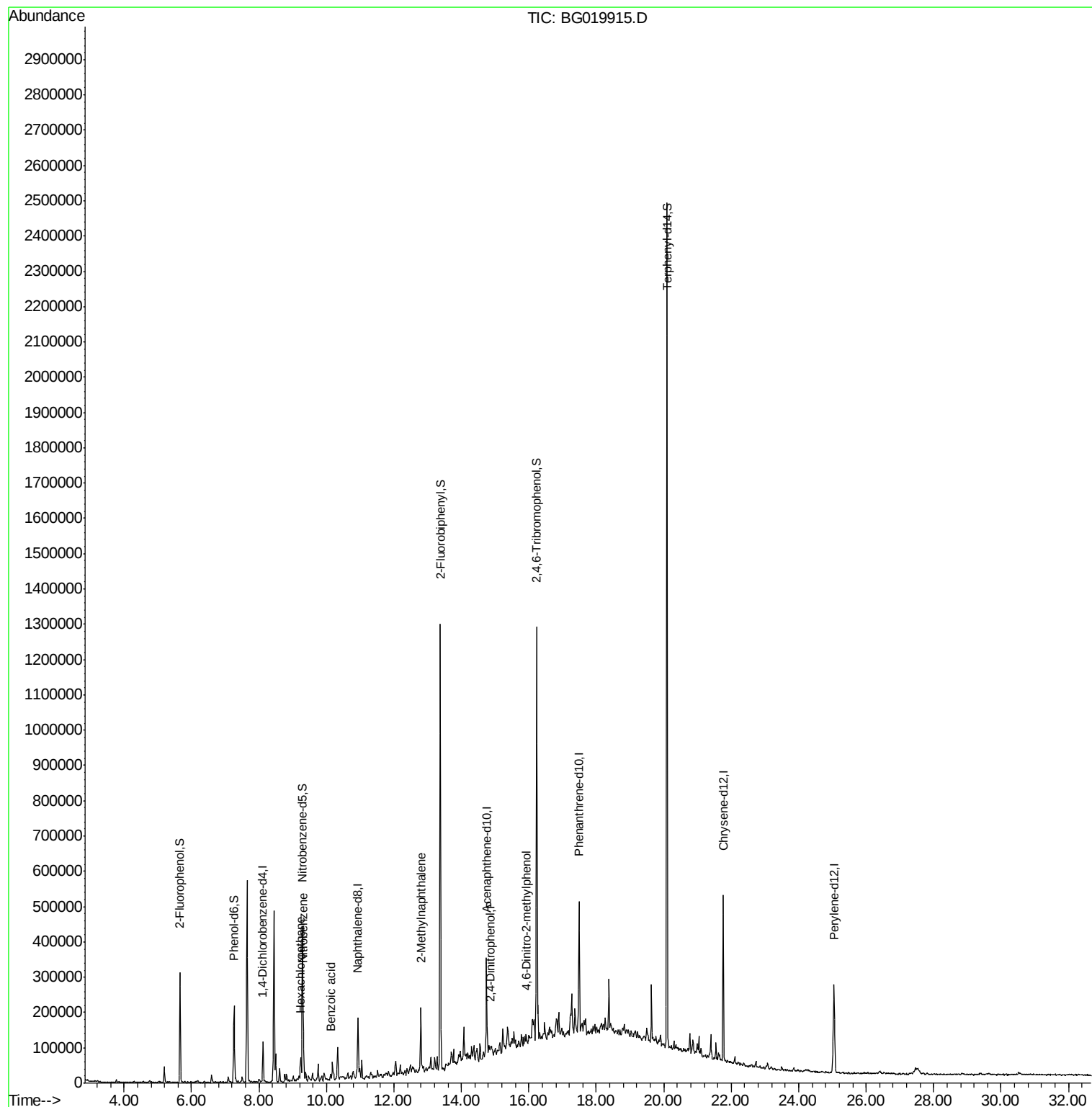
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	30653	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	129999	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	92774	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	230478	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	285603	20.00	ng	-0.03
86) Perylene-d12	25.05	264	271075	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	126146	74.38	ng	-0.01
7) Phenol-d6	7.26	99	121235	47.34	ng	-0.01
23) Nitrobenzene-d5	9.28	82	271607	106.63	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	213068	150.10	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	637381	93.81	ng	-0.02
78) Terphenyl-d14	20.09	244	1028074	87.80	ng	-0.02
Target Compounds						
18) Hexachloroethane	9.24	117	11845	13.07	ng	# 1
24) Nitrobenzene	9.31	77	7076	2.56	ng	# 1
32) Benzoic acid	10.14	122	386	6.23	ng	# 63
37) 2-Methylnaphthalene	12.80	142	66703	13.07	ng	# 91
53) 2,4-Dinitrophenol	14.87	184	116	9.39	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.93	198	304	6.31	ng	# 1

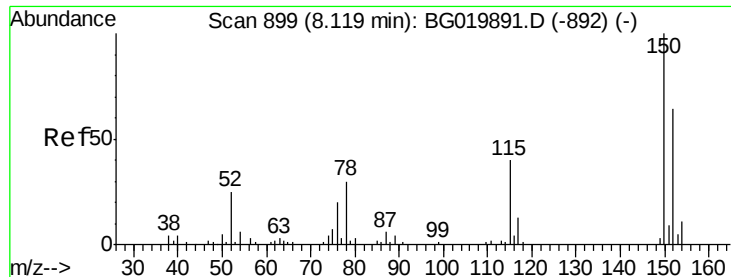
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120415\
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ALS Vial : 8 Sample Multiplier: 1

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Quant Time: Dec 05 00:30:49 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.02 min

Lab File: BG019915.D

Acq: 4 Dec 2015 21:43

Instrument :

BNA_G

ClientSampleId :

MW-10

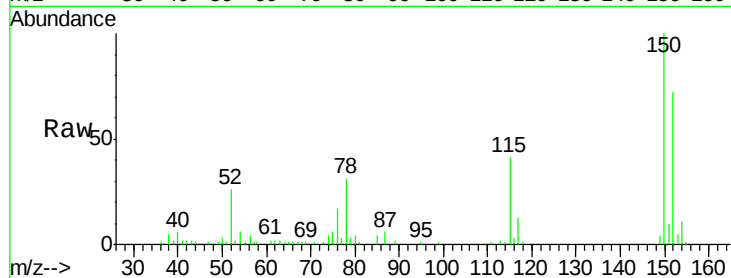
Tgt Ion:152 Resp: 30653

Ion Ratio Lower Upper

152 100

150 138.9 115.0 172.4

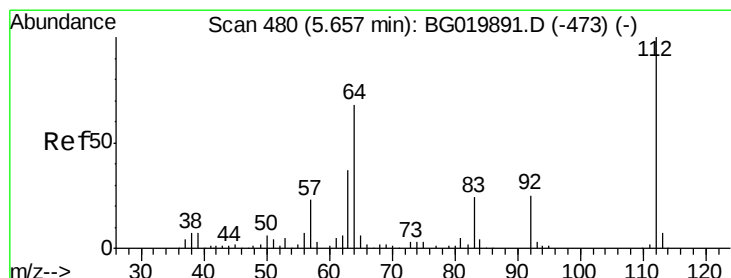
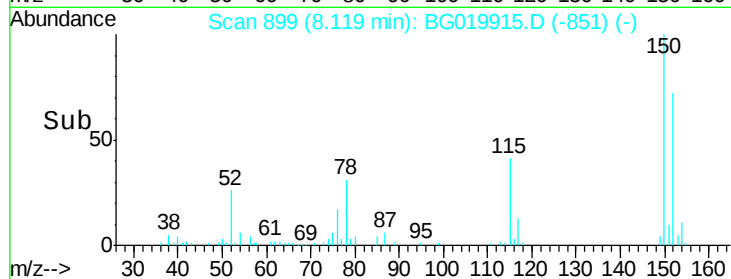
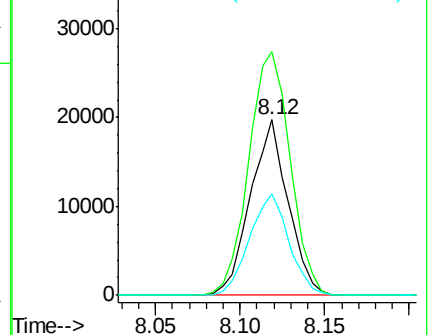
115 57.6 43.9 65.9



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: 74.38 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019915.D

Acq: 4 Dec 2015 21:43

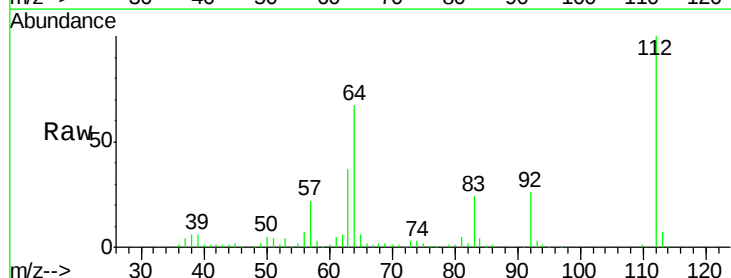
Tgt Ion:112 Resp: 126146

Ion Ratio Lower Upper

112 100

64 66.8 43.7 65.5#

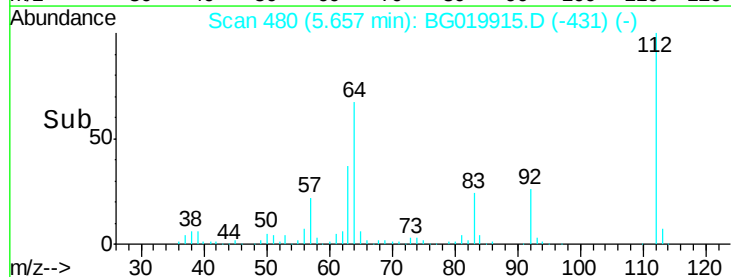
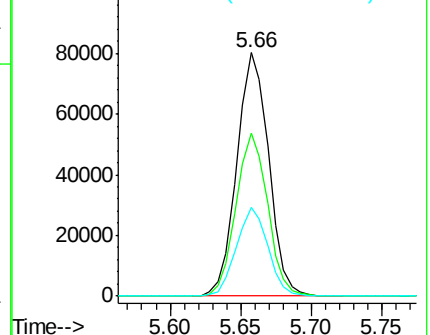
63 36.7 24.0 36.0#

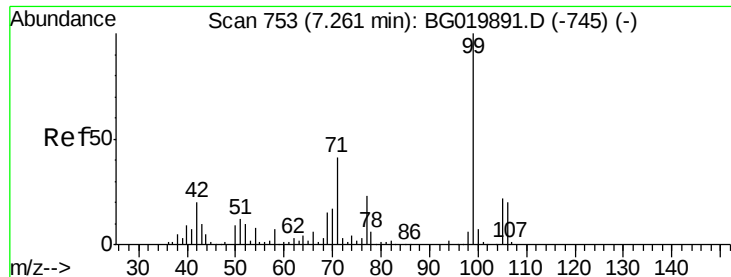


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 47.34 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019915.D

Acq: 4 Dec 2015 21:43

Instrument :

BNA_G

ClientSampleId :

MW-10

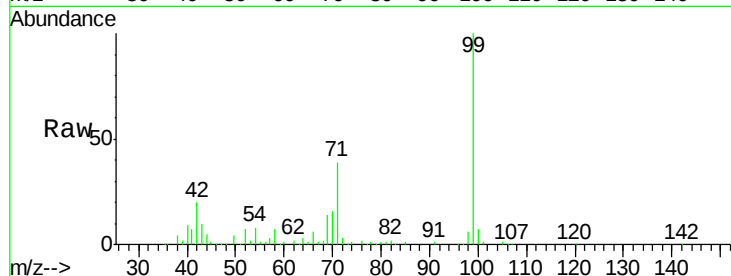
Tgt Ion: 99 Resp: 121235

Ion Ratio Lower Upper

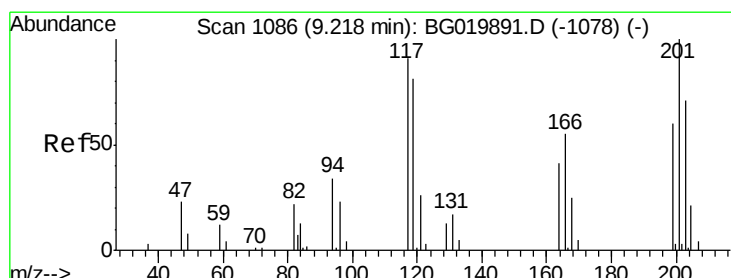
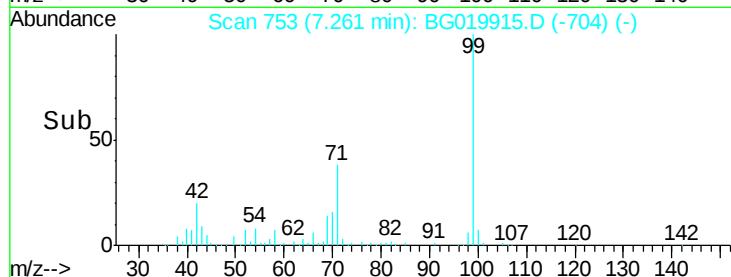
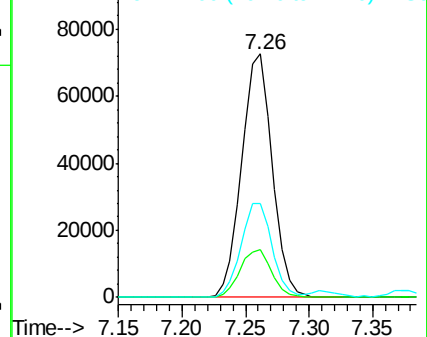
99 100

42 19.6 11.5 17.3#

71 38.7 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: 13.07 ng

RT: 9.24 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BG019915.D

Acq: 4 Dec 2015 21:43

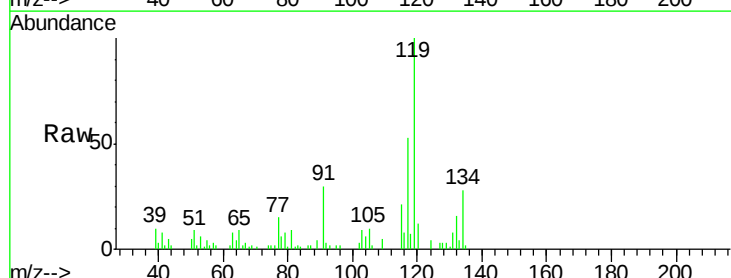
Tgt Ion: 117 Resp: 11845

Ion Ratio Lower Upper

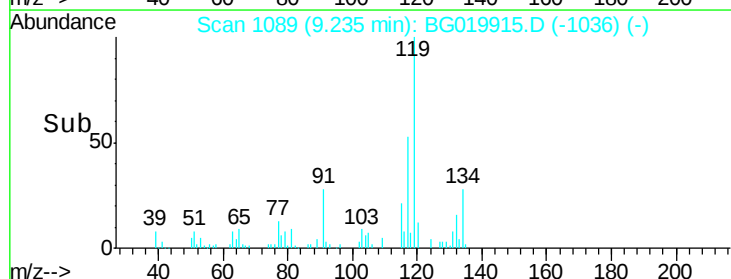
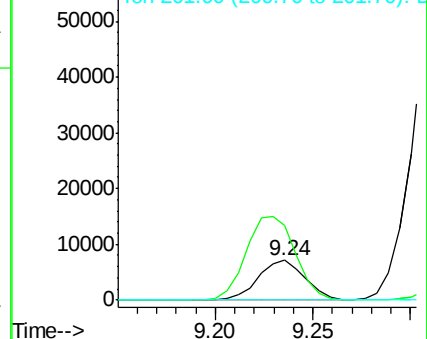
117 100

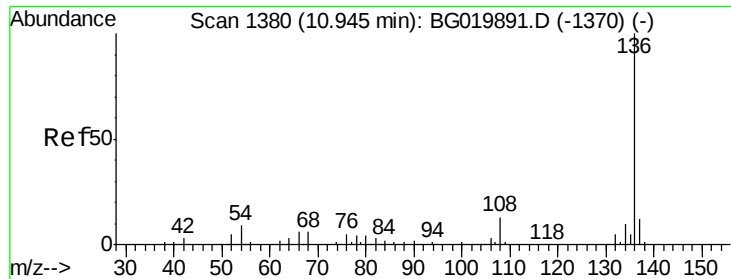
119 189.6 71.7 107.5#

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

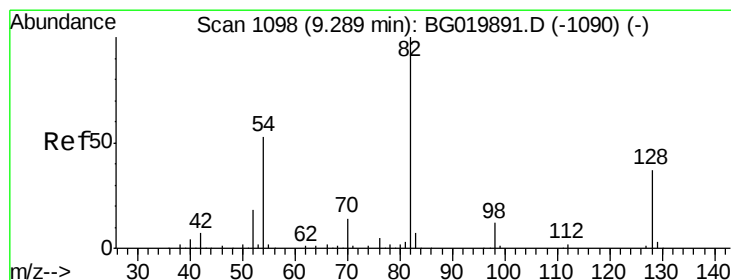
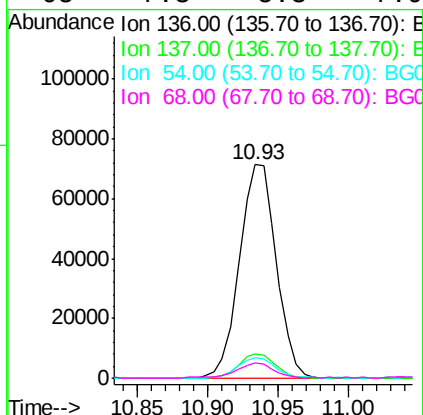
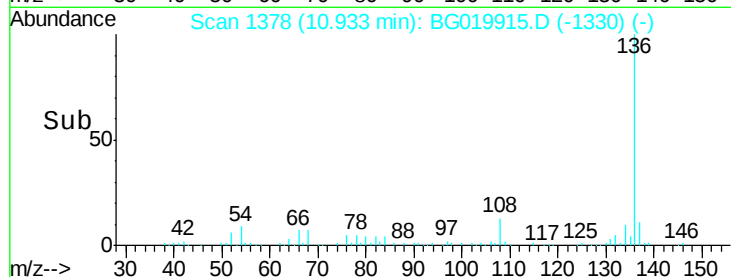
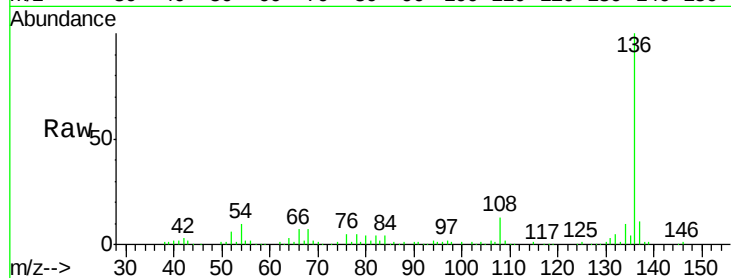




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019915.D
Acq: 4 Dec 2015 21:43

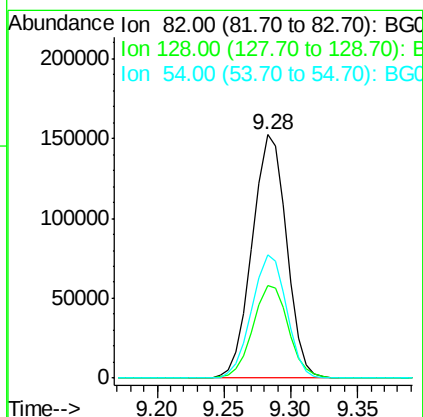
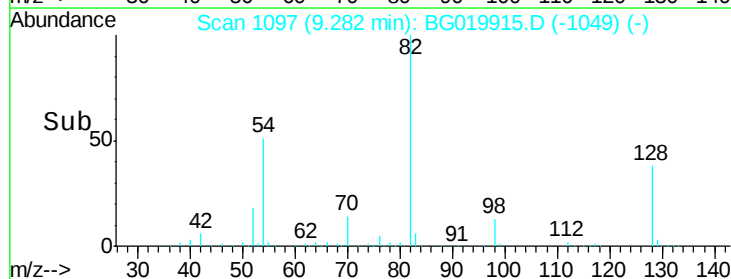
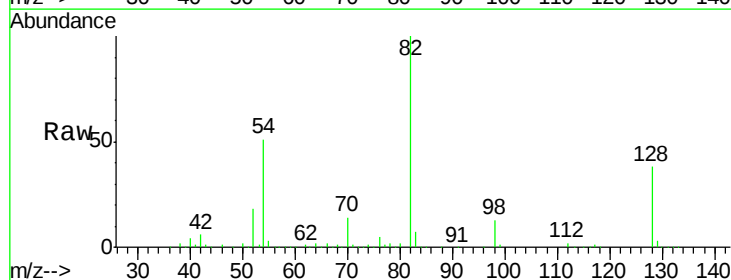
Instrument :
BNA_G
ClientSampleId :
MW-10

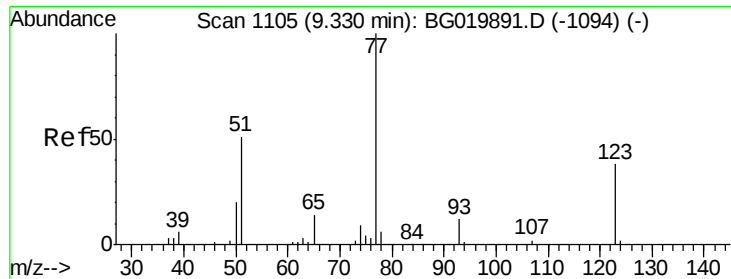
Tgt Ion:	136	Resp:	129999
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	9.6	5.4	8.2#
68	7.3	5.3	7.9



#23
Nitrobenzene-d5
Concen: 106.63 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019915.D
Acq: 4 Dec 2015 21:43

Tgt Ion:	82	Resp:	271607
Ion	Ratio	Lower	Upper
82	100		
128	38.2	36.7	55.1
54	50.6	33.8	50.8

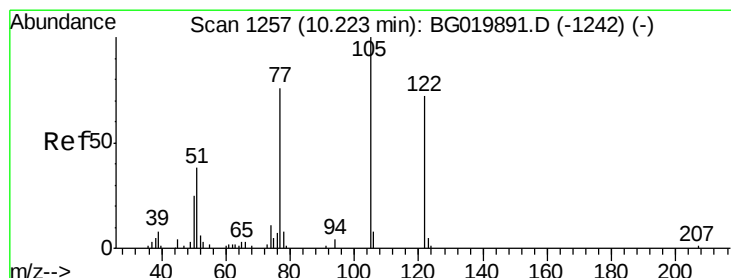
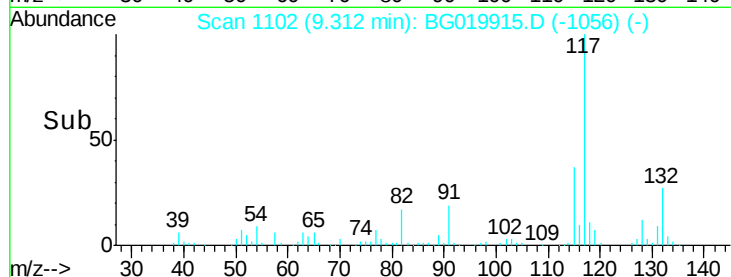
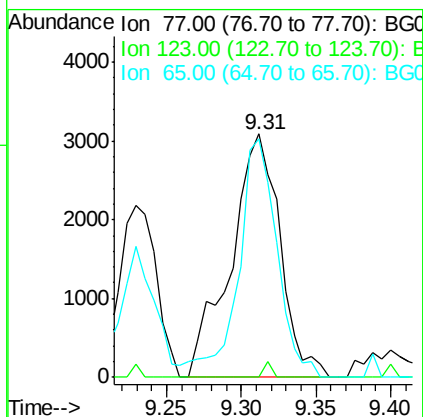
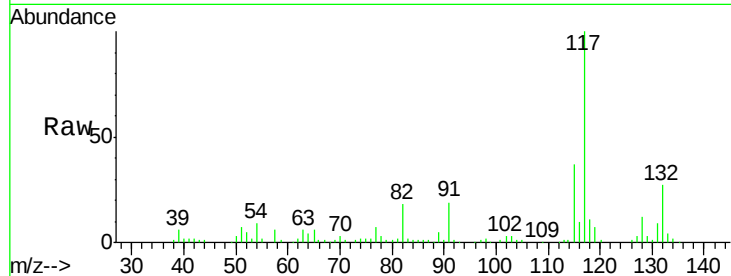




#24
 Nitrobenzene
 Concen: 2.56 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. -0.03 min
 Lab File: BG019915.D
 Acq: 4 Dec 2015 21:43

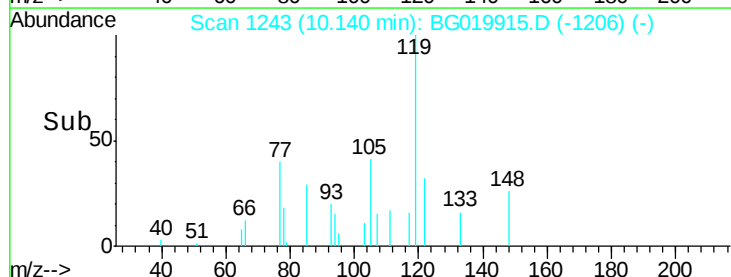
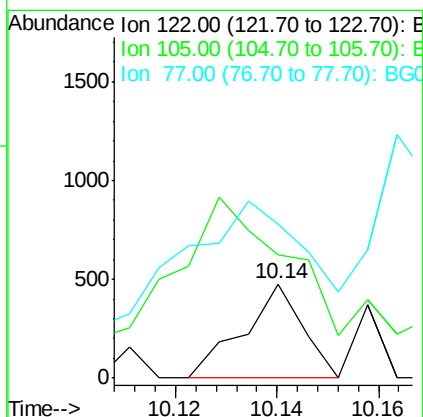
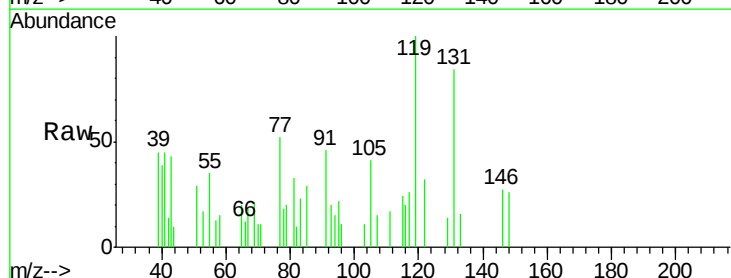
Instrument :
 BNA_G
 ClientSampled :
 MW-10

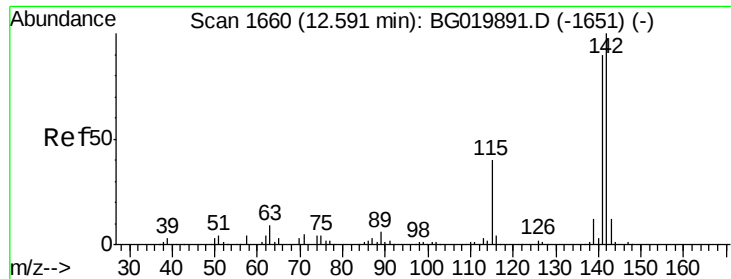
Tgt Ion: 77 Resp: 7076
 Ion Ratio Lower Upper
 77 100
 123 0.0 38.2 57.2#
 65 98.0 10.6 16.0#



#32
 Benzoic acid
 Concen: 6.23 ng
 RT: 10.14 min Scan# 1243
 Delta R.T. -0.08 min
 Lab File: BG019915.D
 Acq: 4 Dec 2015 21:43

Tgt Ion: 122 Resp: 386
 Ion Ratio Lower Upper
 122 100
 105 130.1 103.8 143.8
 77 163.4 68.8 108.8#

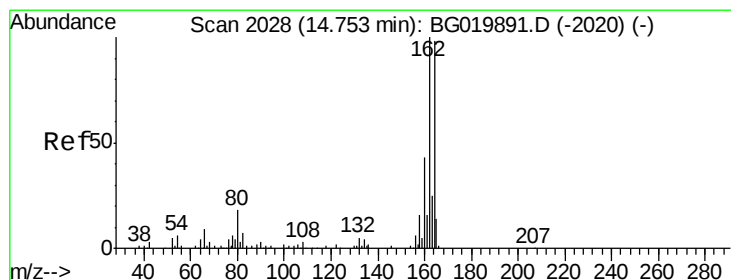
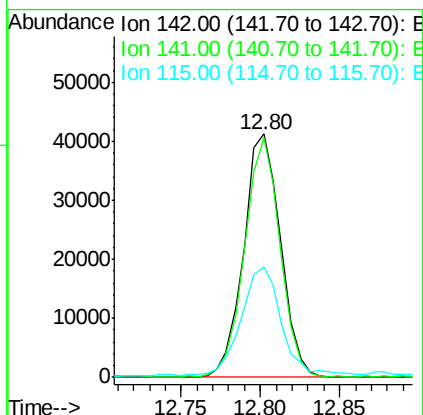
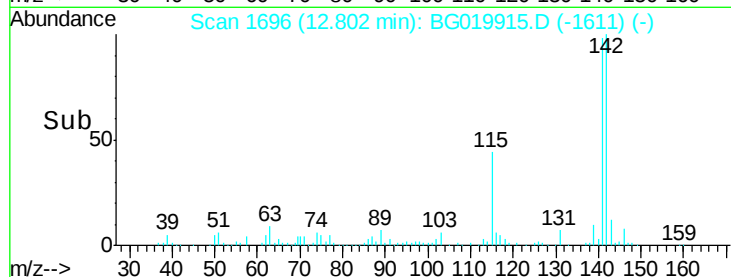
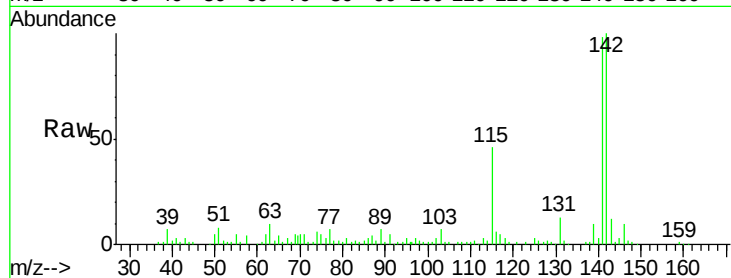




#37
2-Methylnaphthalene
Concen: 13.07 ng
RT: 12.80 min Scan# 1696
Delta R.T. 0.20 min
Lab File: BG019915.D
Acq: 4 Dec 2015 21:43

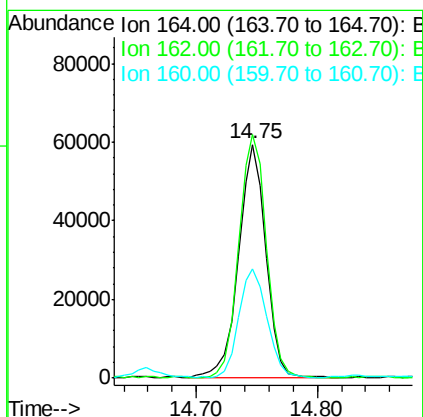
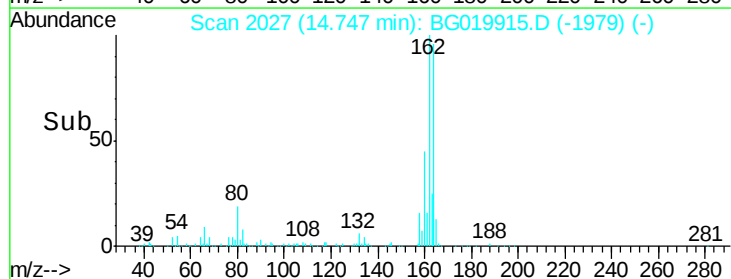
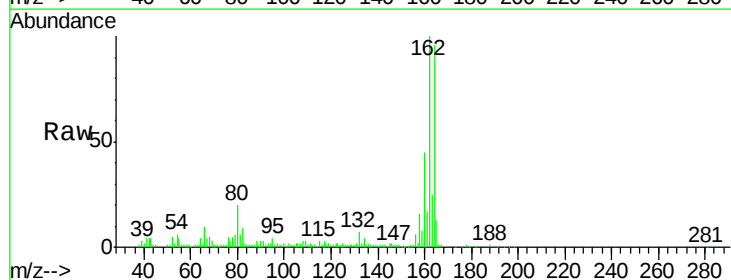
Instrument :
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ClientSampleId :
MW-10

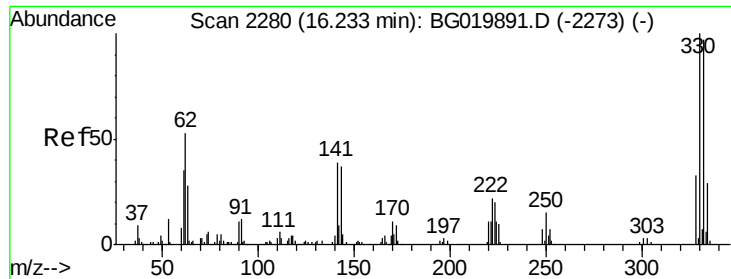
Tgt Ion:142 Resp: 66703
Ion Ratio Lower Upper
142 100
141 98.4 74.6 112.0
115 45.6 27.4 41.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019915.D
Acq: 4 Dec 2015 21:43

Tgt Ion:164 Resp: 92774
Ion Ratio Lower Upper
164 100
162 104.3 78.8 118.2
160 46.8 36.4 54.6





#41

2,4,6-Tribromophenol

Concen: 150.10 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BG019915.D

Acq: 4 Dec 2015 21:43

Instrument :

BNA_G

ClientSampleId :

MW-10

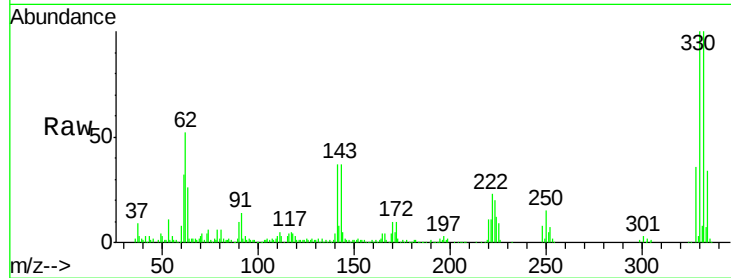
Tgt Ion:330 Resp: 213068

Ion Ratio Lower Upper

330 100

332 97.2 78.1 117.1

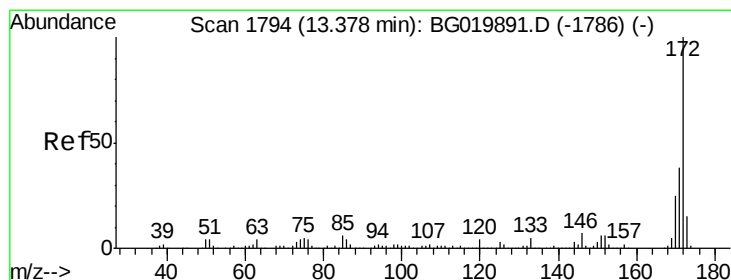
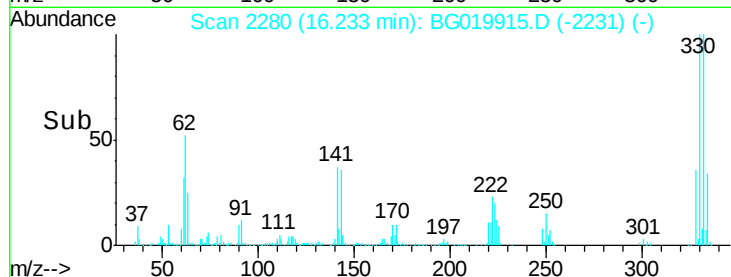
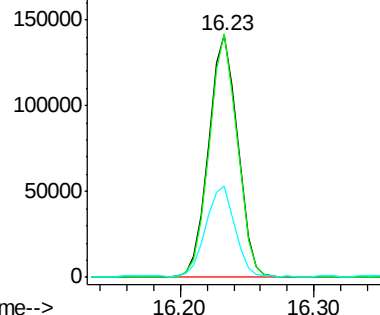
141 37.5 28.2 42.2



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: 93.81 ng

RT: 13.37 min Scan# 1793

Delta R.T. -0.02 min

Lab File: BG019915.D

Acq: 4 Dec 2015 21:43

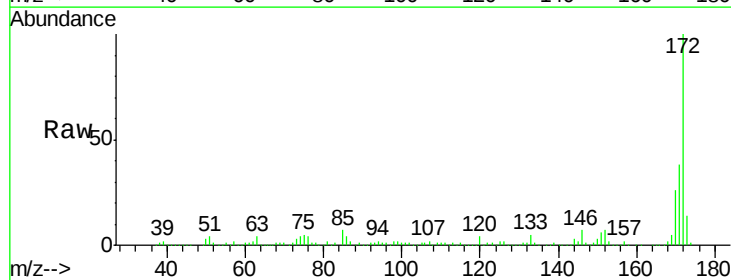
Tgt Ion:172 Resp: 637381

Ion Ratio Lower Upper

172 100

171 38.0 29.0 43.6

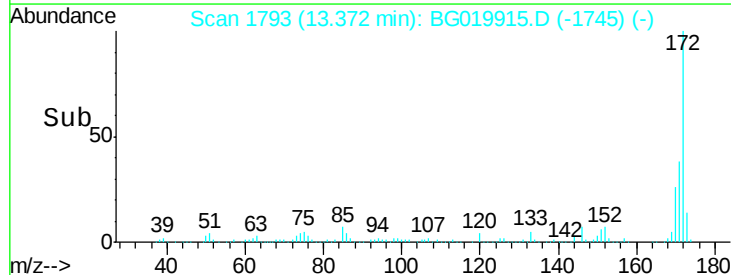
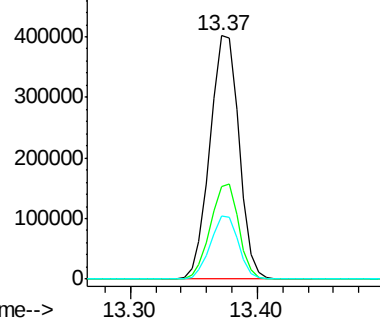
170 25.8 19.9 29.9

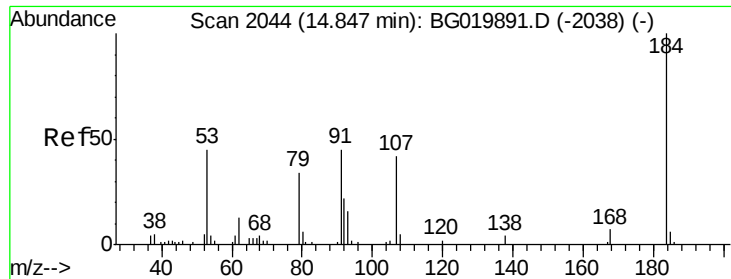


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

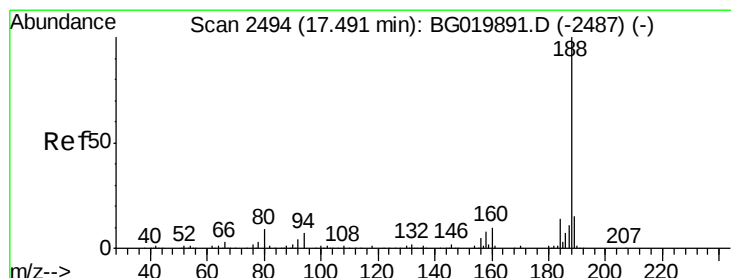
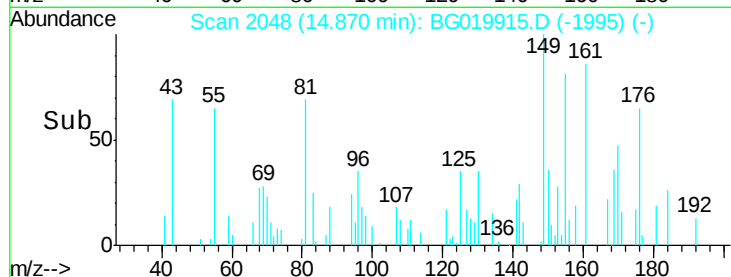
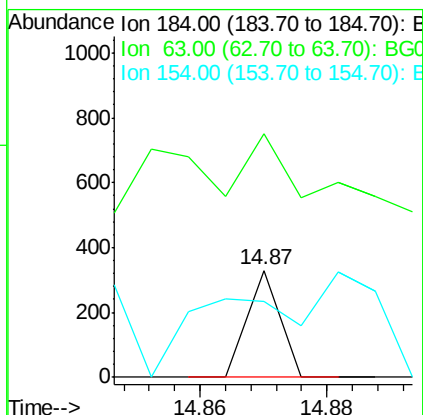
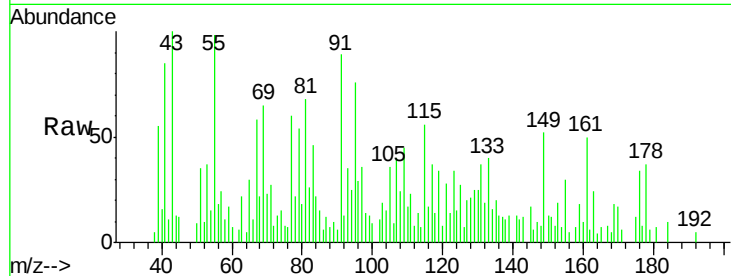




#53
 2,4-Dinitrophenol
 Concen: 9.39 ng
 RT: 14.87 min Scan# 2048
 Delta R.T. 0.01 min
 Lab File: BG019915.D
 Acq: 4 Dec 2015 21:43

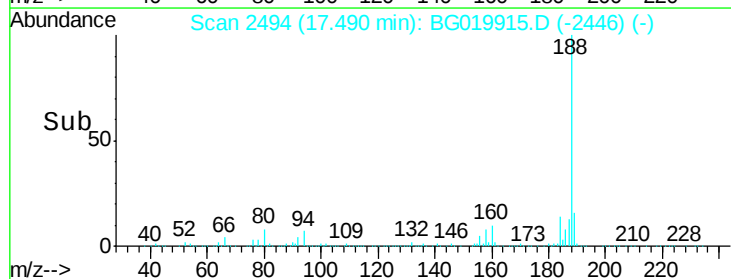
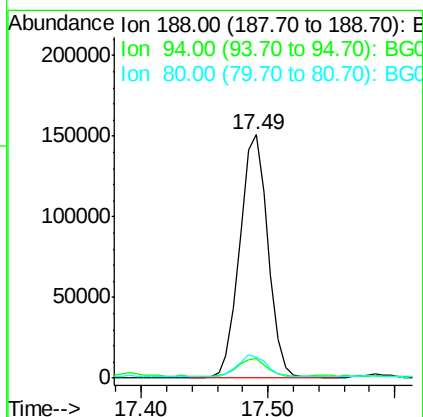
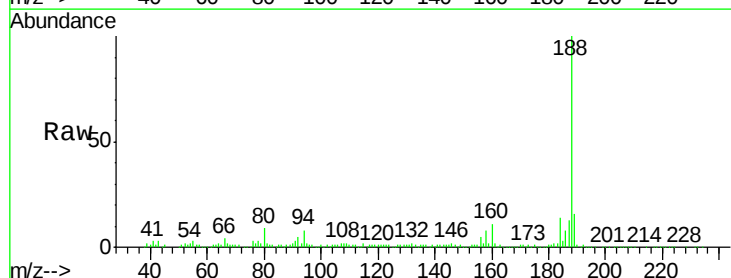
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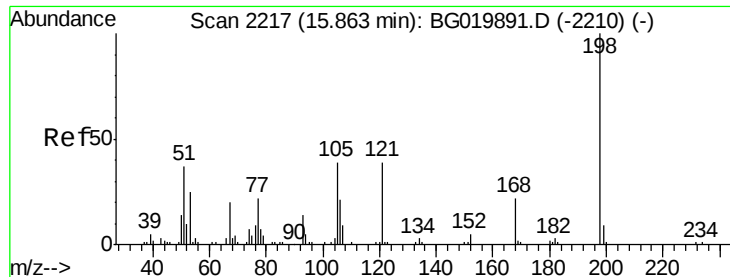
Tgt Ion:184 Resp: 116
 Ion Ratio Lower Upper
 184 100
 63 227.6 42.7 64.1#
 154 70.9 44.3 66.5#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2494
 Delta R.T. -0.02 min
 Lab File: BG019915.D
 Acq: 4 Dec 2015 21:43

Tgt Ion:188 Resp: 230478
 Ion Ratio Lower Upper
 188 100
 94 7.9 7.7 11.5
 80 8.6 7.8 11.8





#64

4,6-Dinitro-2-methylphenol

Concen: 6.31 ng

RT: 15.93 min Scan# 2228

Delta R.T. 0.05 min

Lab File: BG019915.D

Acq: 4 Dec 2015 21:43

Instrument :

BNA_G

ClientSampled :

MW-10

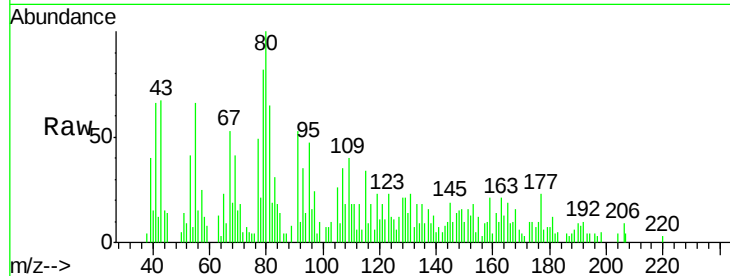
Tgt Ion:198 Resp: 304

Ion Ratio Lower Upper

198 100

51 312.7 14.2 54.2#

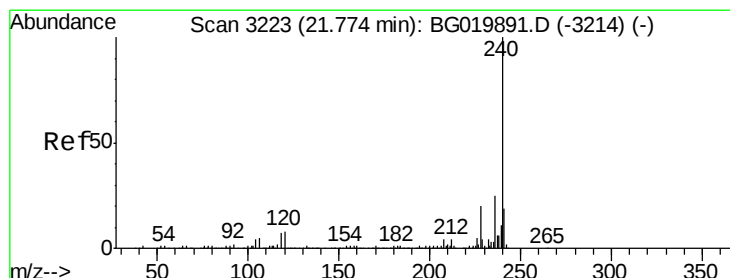
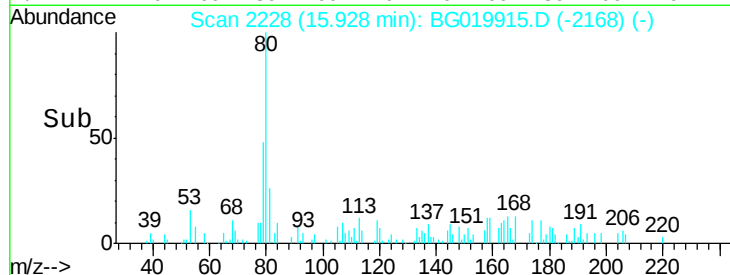
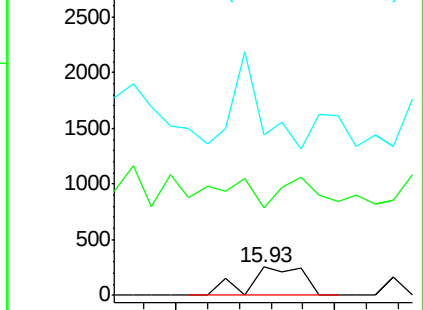
105 571.0 21.1 61.1#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG019915.D (-2210) (-)

Ion 105.00 (104.70 to 105.70): BG019915.D (-2210) (-)



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.03 min

Lab File: BG019915.D

Acq: 4 Dec 2015 21:43

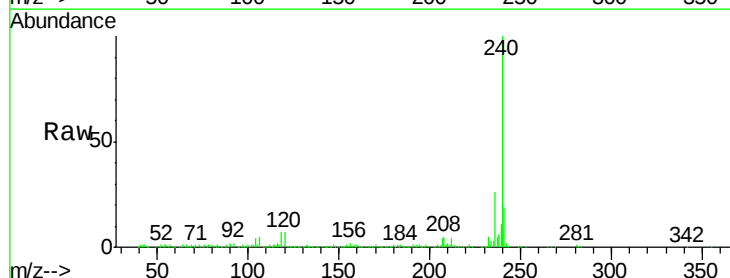
Tgt Ion:240 Resp: 285603

Ion Ratio Lower Upper

240 100

120 6.9 7.4 11.0#

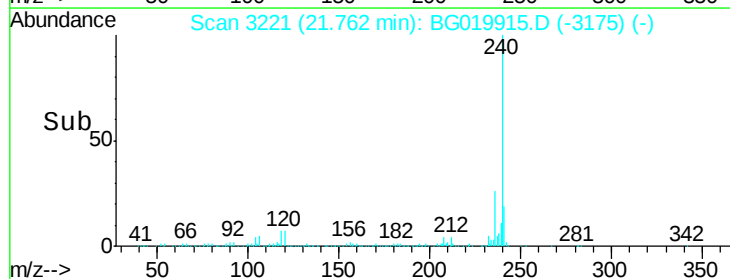
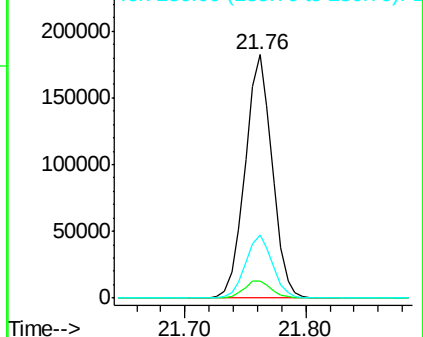
236 26.0 20.7 31.1

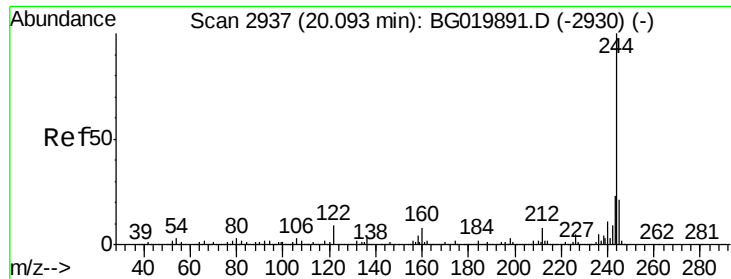


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): BG019915.D (-3214) (-)

Ion 236.00 (235.70 to 236.70): BG019915.D (-3214) (-)

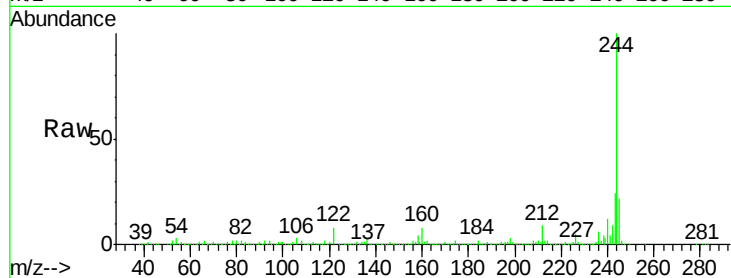




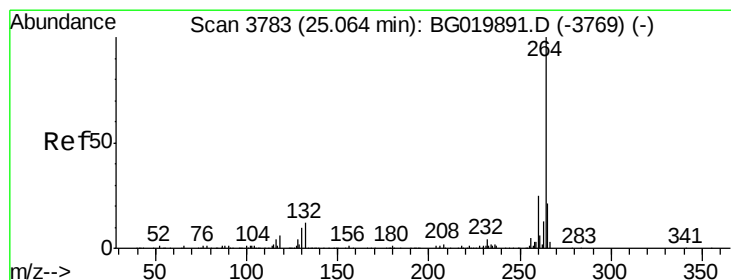
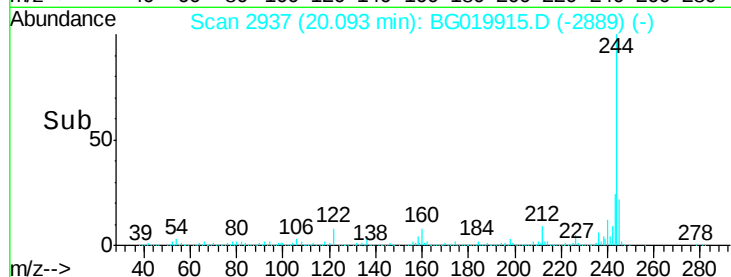
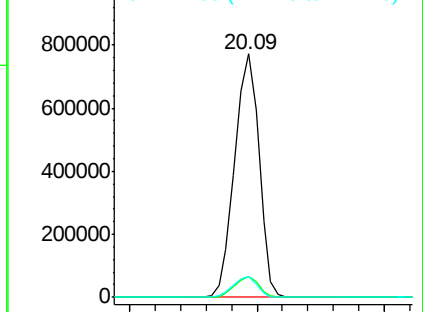
#78
 Terphenyl-d14
 Concen: 87.80 ng
 RT: 20.09 min Scan# 2937
 Delta R.T. -0.02 min
 Lab File: BG019915.D
 Acq: 4 Dec 2015 21:43

Instrument :
 BNA_G
 ClientSampleId :
 MW-10

Tgt Ion:244 Resp: 1028074
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.9 10.3
 122 8.4 10.2 15.2#

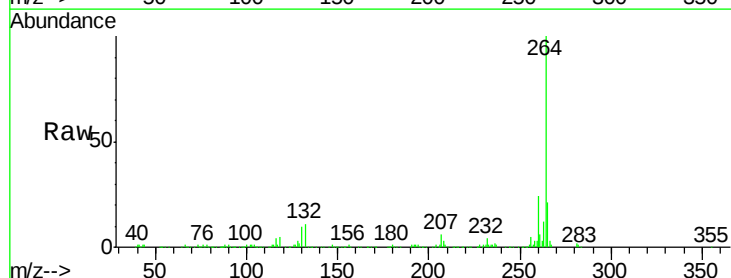


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.05 min Scan# 3780
 Delta R.T. -0.05 min
 Lab File: BG019915.D
 Acq: 4 Dec 2015 21:43

Tgt Ion:264 Resp: 271075
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.5 27.7
 265 21.0 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

