

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122216\
 Data File : BG025389.D
 Acq On : 22 Dec 2016 14:47
 Operator : UM/SJ
 Sample : H6166-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-22

Quant Time: Dec 23 00:15:22 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

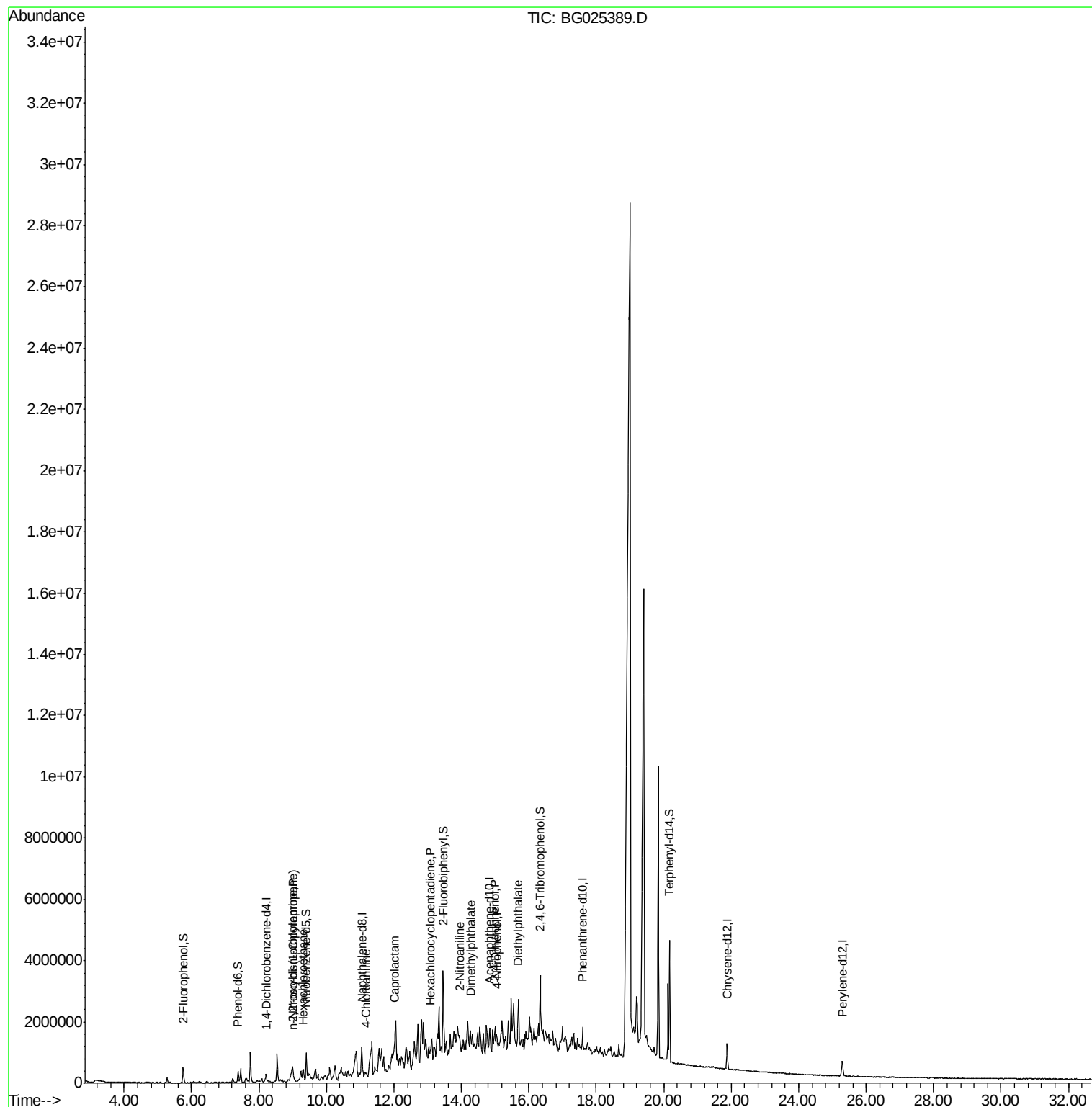
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	58956	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	250998	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	218593	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	431973	20.00	ng	0.00
75) Chrysene-d12	21.88	240	558963	20.00	ng	0.00
86) Perylene-d12	25.29	264	592956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	211310	65.15	ng	0.00
7) Phenol-d6	7.38	99	184894	40.48	ng	0.00
23) Nitrobenzene-d5	9.39	82	550573	96.90	ng	0.00
41) 2,4,6-Tribromophenol	16.34	330	458578	130.31	ng	0.01
44) 2-Fluorobiphenyl	13.46	172	1175758	87.08	ng	0.00
78) Terphenyl-d14	20.17	244	1630017	77.32	ng	0.00
Target Compounds						
16) 2,2'-oxybis(1-Chloropropan	8.99	45	40064	5.54	ng	Qvalue 89
18) Hexachloroethane	9.32	117	4477	2.54	ng	# 1
19) n-Nitroso-di-n-propylamine	9.02	70	15278	3.96	ng	# 1
33) 4-Chloroaniline	11.19	127	21062	4.00	ng	# 58
35) Caprolactam	12.00	113	9960	6.32	ng	# 1
40) Hexachlorocyclopentadiene	13.07	237	88	8.54	ng	# 29
47) 2-Nitroaniline	13.95	65	10020	2.07	ng	# 47
49) Dimethylphthalate	14.29	163	71968	4.52	ng	96
53) 2,4-Dinitrophenol	14.99	184	481	5.28	ng	# 1
55) 4-Nitrophenol	15.05	139	11027	4.41	ng	# 1
59) Diethylphthalate	15.68	149	38191	2.29	ng	# 67

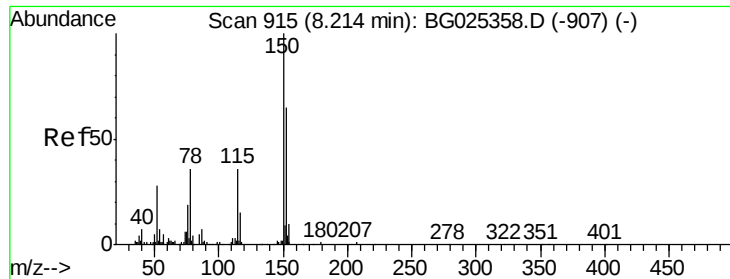
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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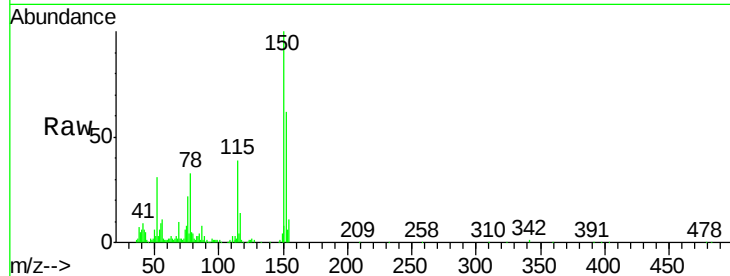


#1

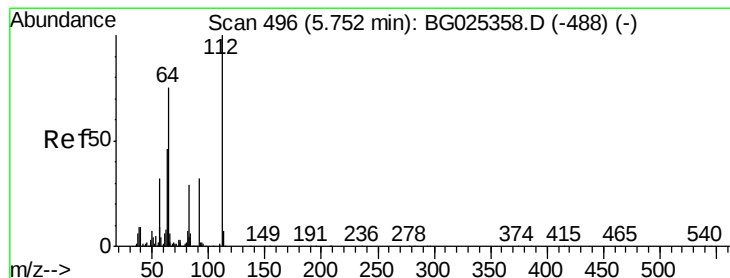
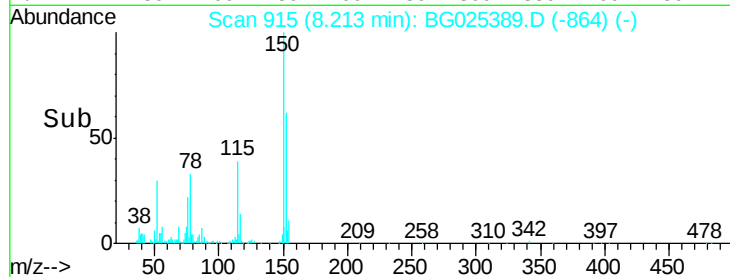
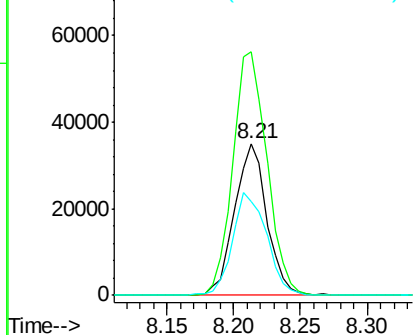
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG025389.D
Acq: 22 Dec 2016 14:47

Instrument :
BNA_G
ClientSampleId :
MW-22

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.7	114.0	171.0
115	61.9	48.1	72.1



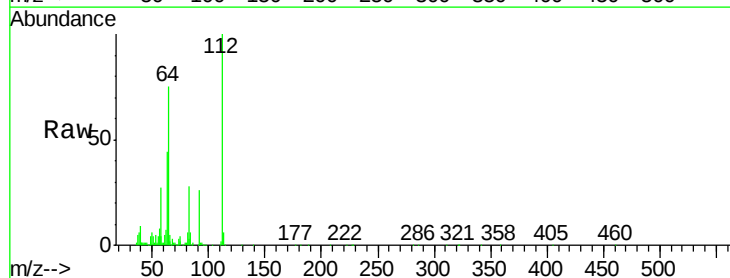
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



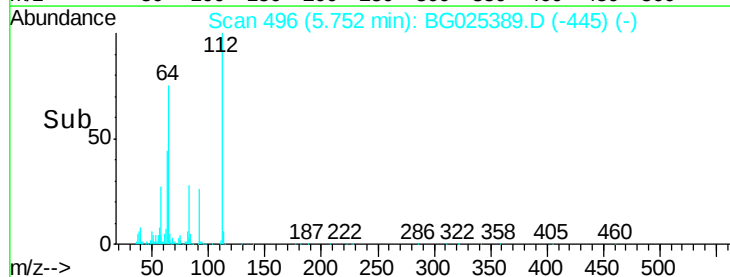
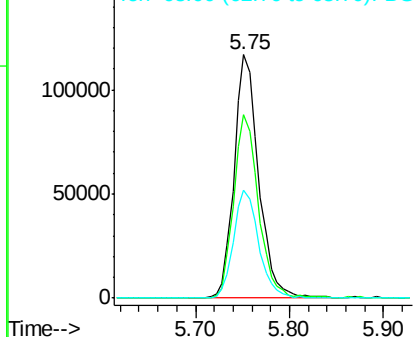
#5

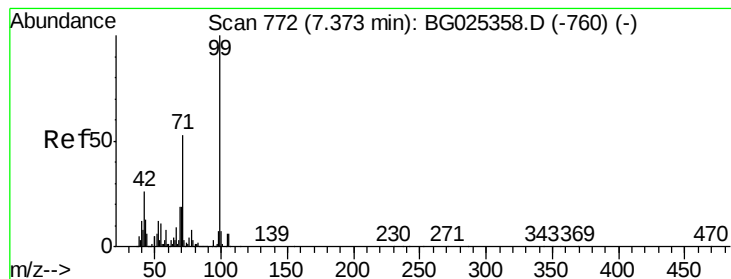
2-Fluorophenol
Concen: 65.15 ng
RT: 5.75 min Scan# 496
Delta R.T. -0.00 min
Lab File: BG025389.D
Acq: 22 Dec 2016 14:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.4	61.8	92.6
63	44.2	37.2	55.8



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: 40.48 ng

RT: 7.38 min Scan# 773

Delta R.T. 0.01 min

Lab File: BG025389.D

Acq: 22 Dec 2016 14:47

Instrument :

BNA_G

ClientSampleId :

MW-22

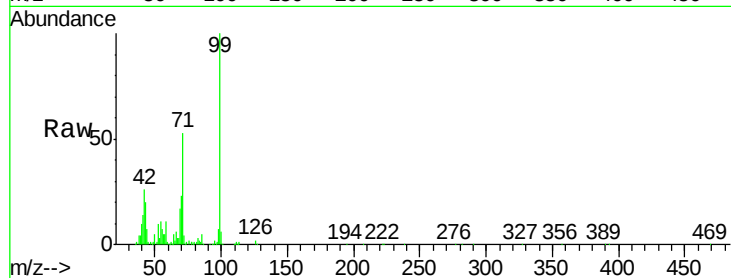
Tgt Ion: 99 Resp: 184894

Ion Ratio Lower Upper

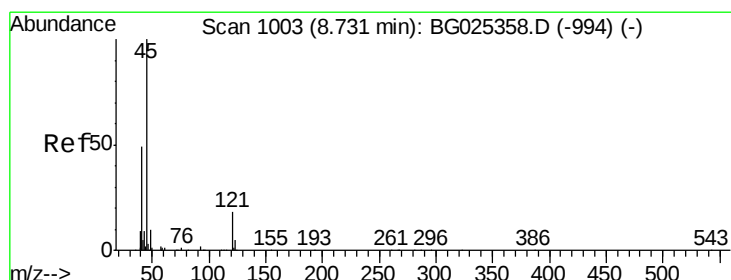
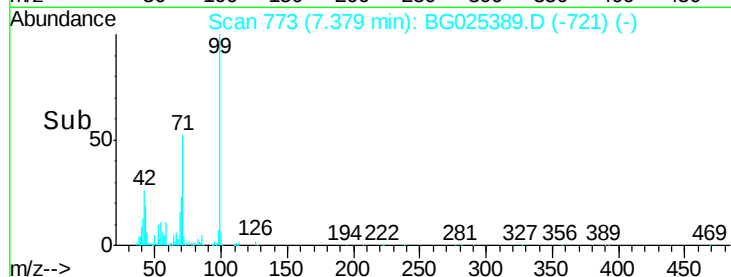
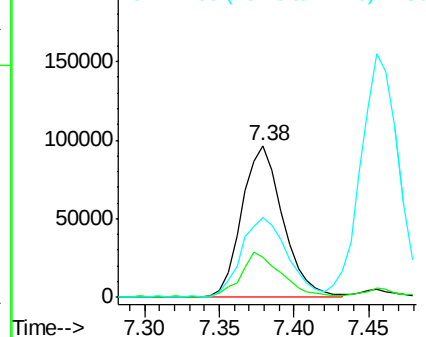
99 100

42 26.0 20.5 30.7

71 52.7 37.6 56.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.54 ng

RT: 8.99 min Scan# 1048

Delta R.T. 0.26 min

Lab File: BG025389.D

Acq: 22 Dec 2016 14:47

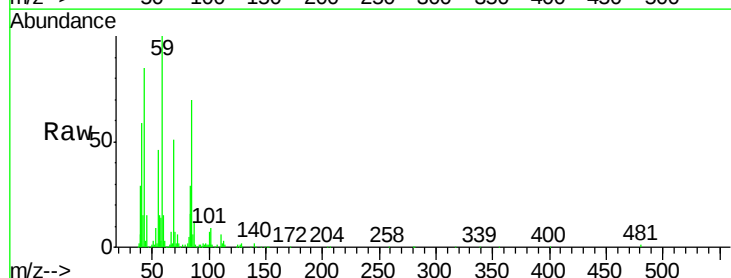
Tgt Ion: 45 Resp: 40064

Ion Ratio Lower Upper

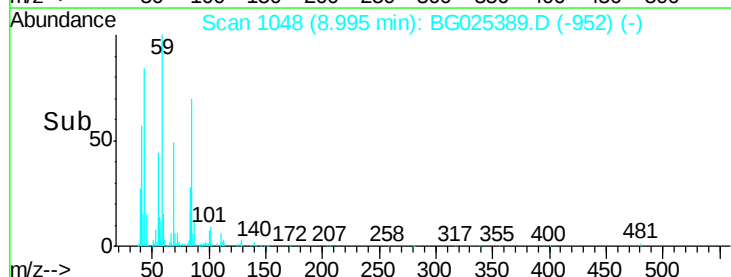
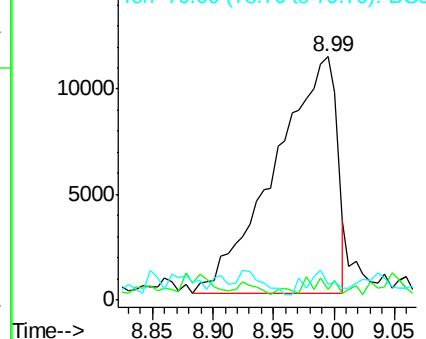
45 100

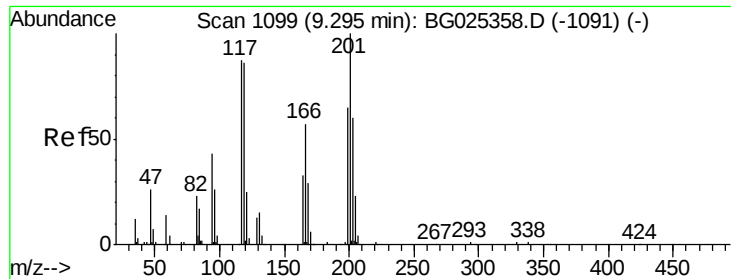
77 4.6 0.0 30.6

79 6.5 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

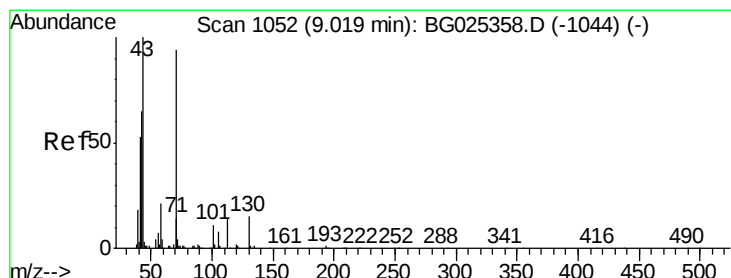
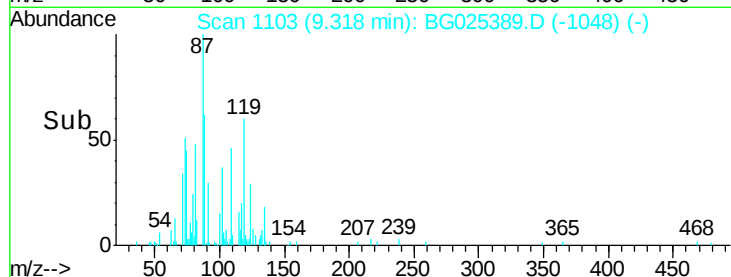
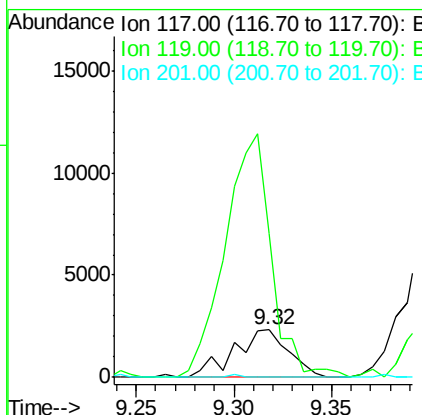
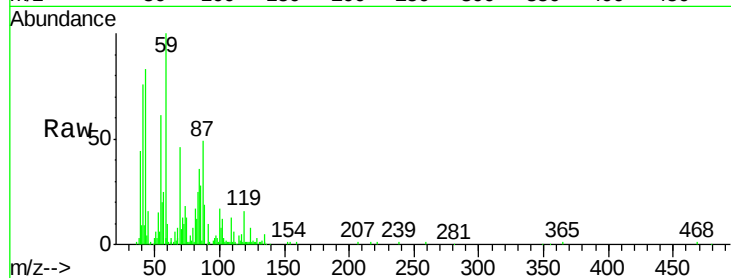




#18
Hexachloroethane
Concen: 2.54 ng
RT: 9.32 min Scan# 1103
Delta R.T. 0.02 min
Lab File: BG025389.D
Acq: 22 Dec 2016 14:47

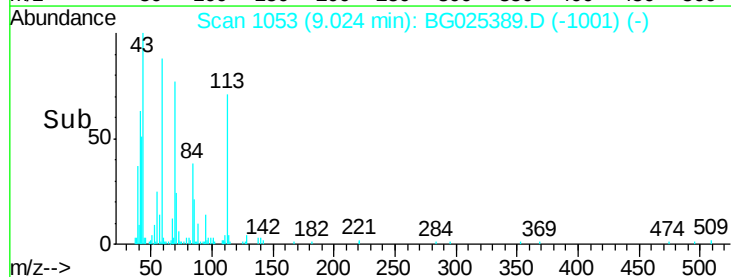
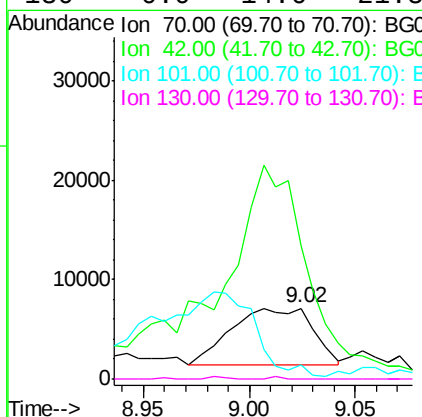
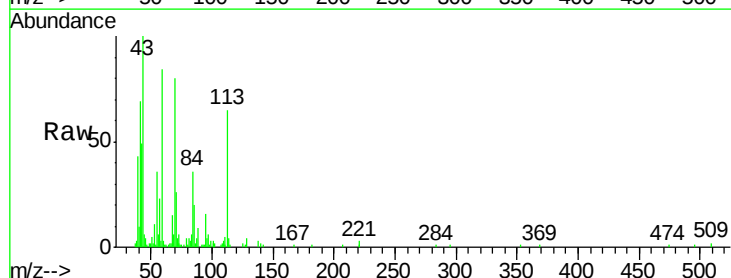
Instrument :
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MW-22

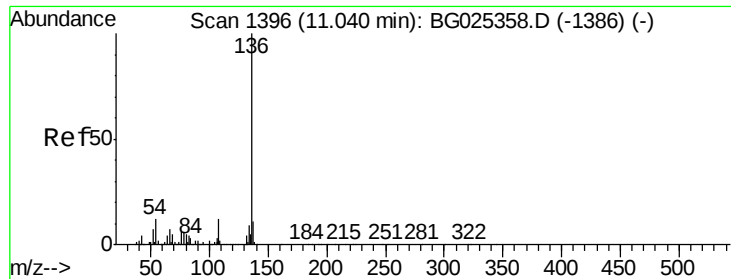
Tgt Ion: 117 Resp: 4477
Ion Ratio Lower Upper
117 100
119 300.7 69.8 104.6#
201 0.0 95.4 143.0#



#19
n-Nitroso-di-n-propylamine
Concen: 3.96 ng
RT: 9.02 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BG025389.D
Acq: 22 Dec 2016 14:47

Tgt Ion: 70 Resp: 15278
Ion Ratio Lower Upper
70 100
42 188.5 56.1 84.1#
101 19.3 7.5 11.3#
130 0.0 14.6 21.8#

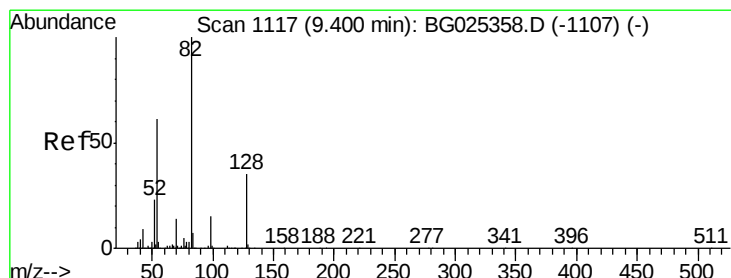
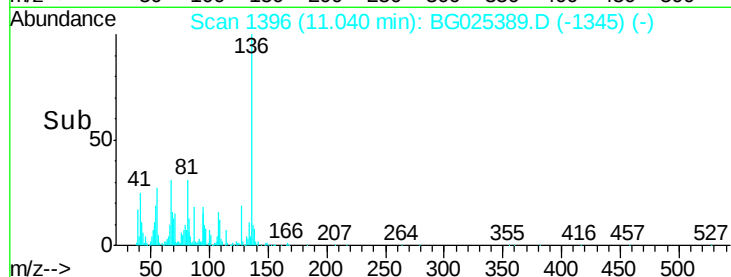
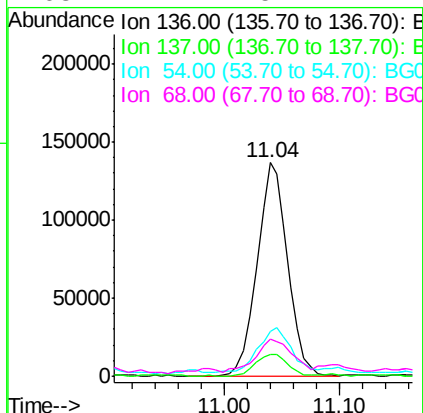
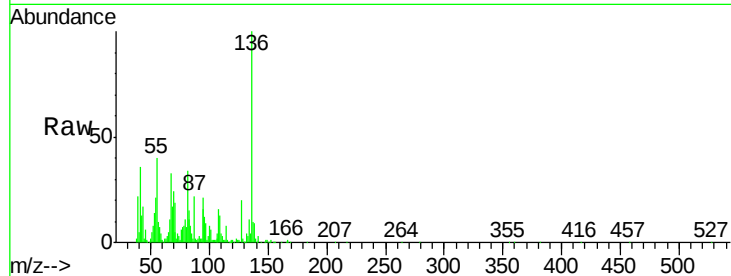




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG025389.D
Acq: 22 Dec 2016 14:47

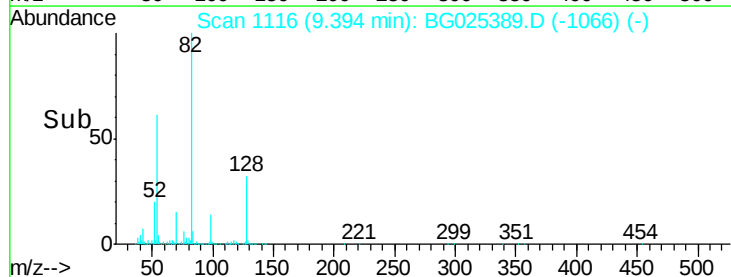
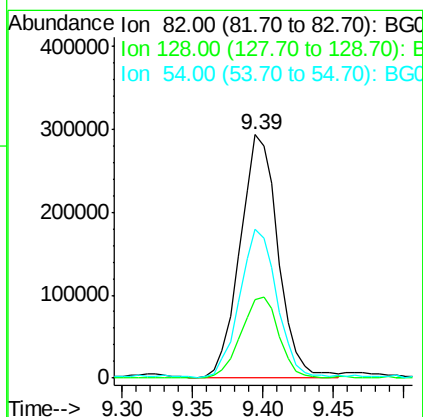
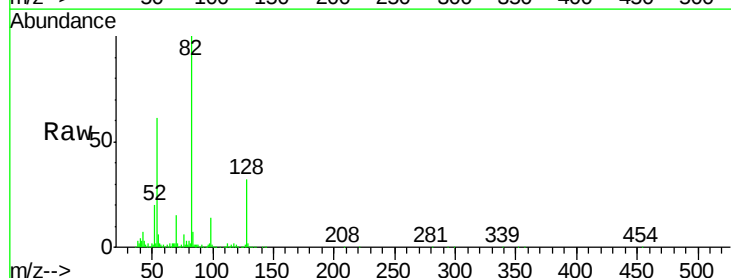
Instrument :
BNA_G
ClientSampleId :
MW-22

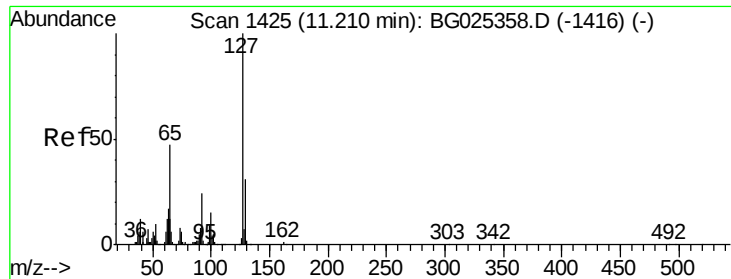
Tgt Ion:	136	Resp:	250998
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	20.9	9.3	13.9#
68	17.1	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 96.90 ng
RT: 9.39 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BG025389.D
Acq: 22 Dec 2016 14:47

Tgt Ion:	82	Resp:	550573
Ion	Ratio	Lower	Upper
82	100		
128	32.0	26.4	39.6
54	61.2	49.4	74.2

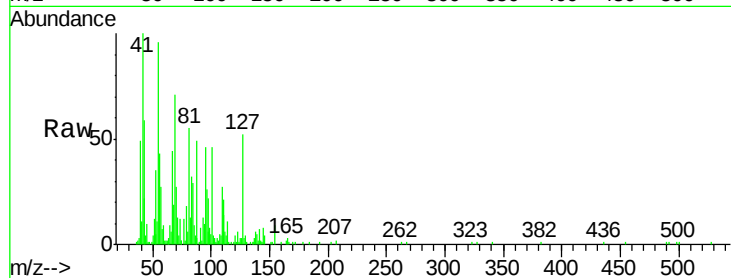




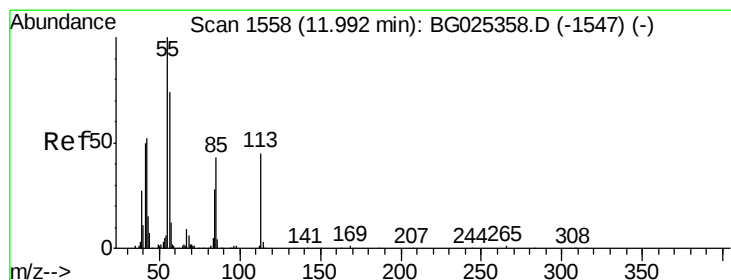
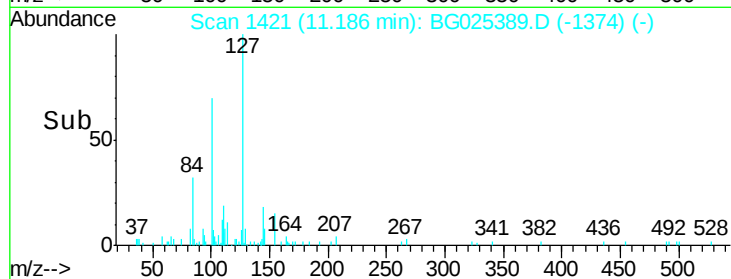
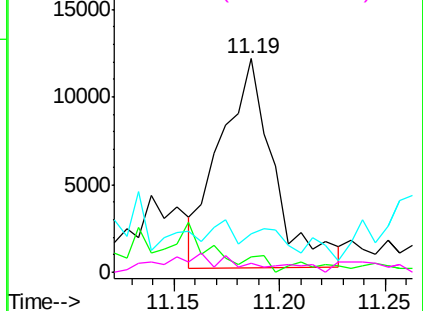
#33
4-Chloroaniline
Concen: 4.00 ng
RT: 11.19 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BG025389.D
Acq: 22 Dec 2016 14:47

Instrument :
BNA_G
ClientSampleId :
MW-22

Tgt Ion	Ratio	Lower	Upper
127	100		
129	7.1	23.6	35.4#
65	17.8	37.7	56.5#
92	4.0	17.6	26.4#

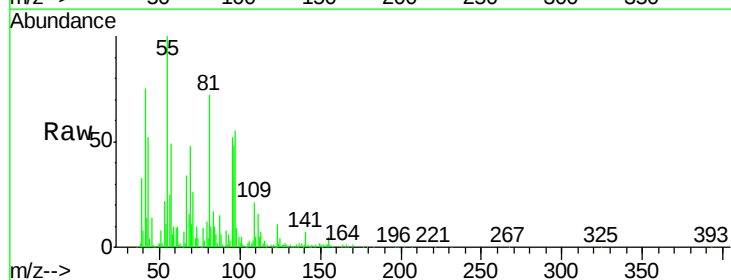


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

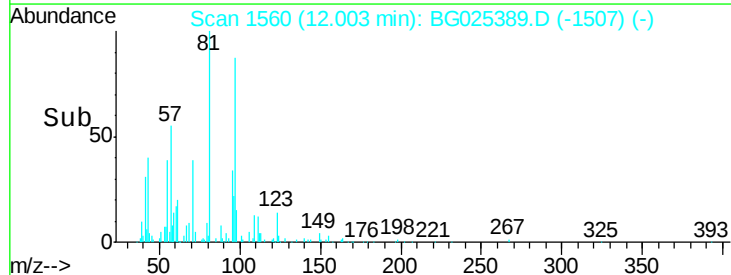
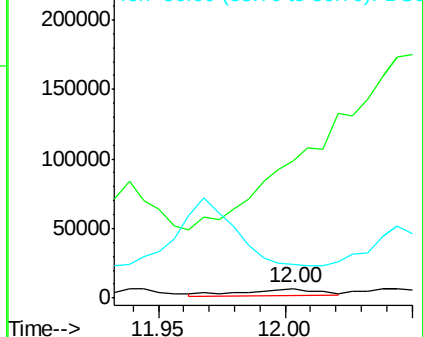


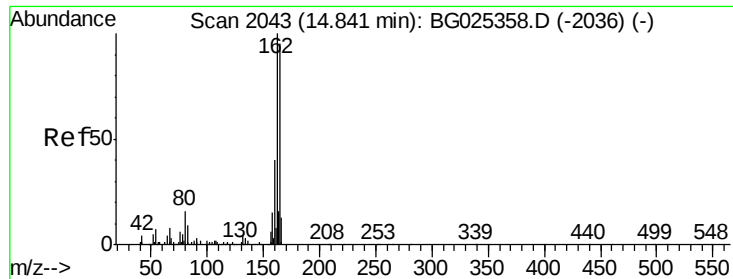
#35
Caprolactam
Concen: 6.32 ng
RT: 12.00 min Scan# 1560
Delta R.T. 0.01 min
Lab File: BG025389.D
Acq: 22 Dec 2016 14:47

Tgt Ion	Ratio	Lower	Upper
113	100		
55	1463.5	198.6	238.6#
56	366.9	140.4	180.4#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.84 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG025389.D

Acq: 22 Dec 2016 14:47

Instrument :

BNA_G

ClientSampleId :

MW-22

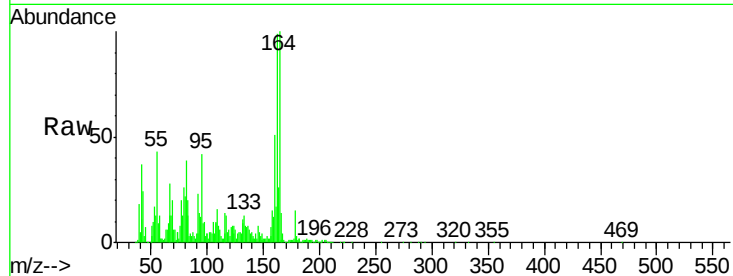
Tgt Ion:164 Resp: 218593

Ion Ratio Lower Upper

164 100

162 99.3 85.1 127.7

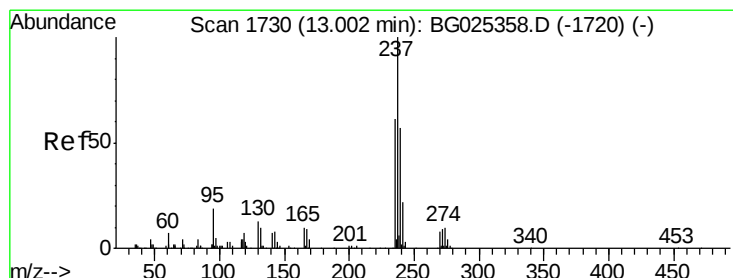
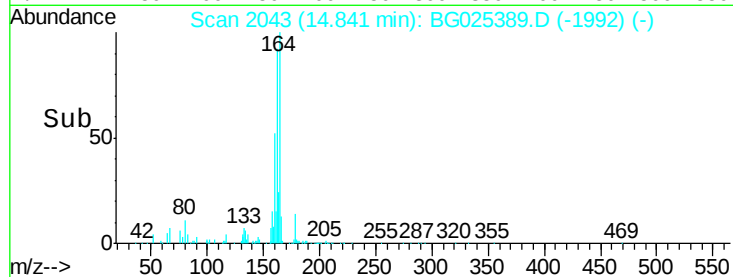
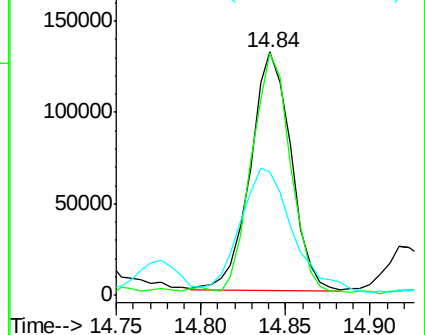
160 50.8 34.7 52.1



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



#40

Hexachlorocyclopentadiene

Concen: 8.54 ng

RT: 13.07 min Scan# 1742

Delta R.T. 0.07 min

Lab File: BG025389.D

Acq: 22 Dec 2016 14:47

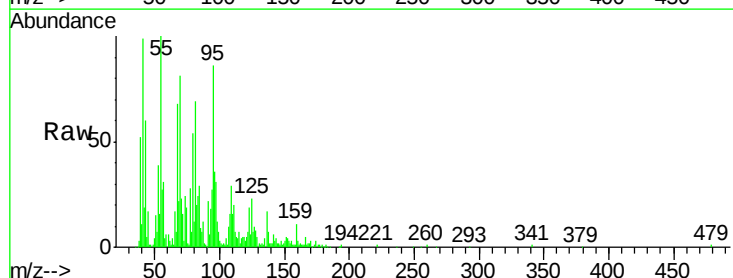
Tgt Ion:237 Resp: 88

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

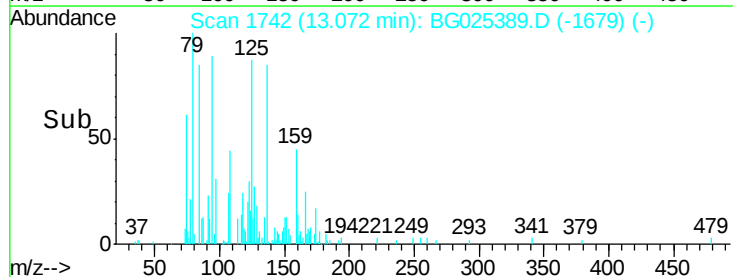
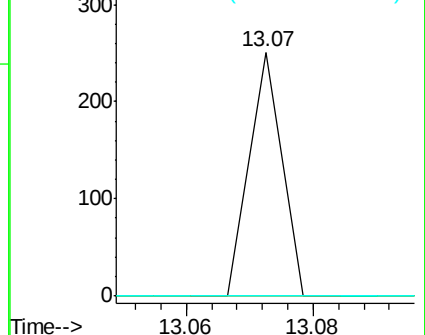
272 0.0 0.0 32.0

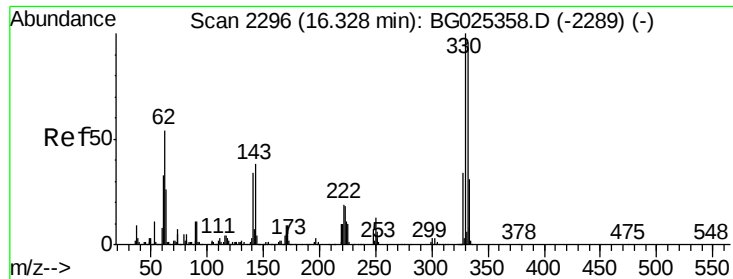


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 130.31 ng

RT: 16.34 min Scan# 2298

Delta R.T. 0.01 min

Lab File: BG025389.D

Acq: 22 Dec 2016 14:47

Instrument :

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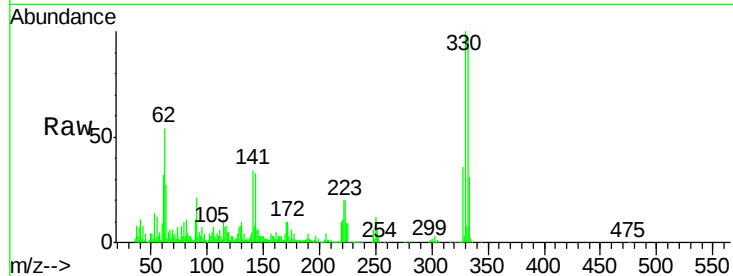
Tgt Ion:330 Resp: 458578

Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

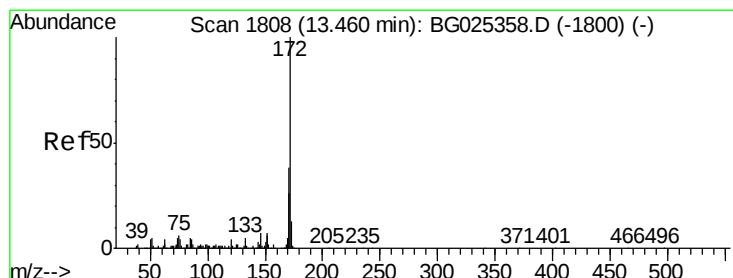
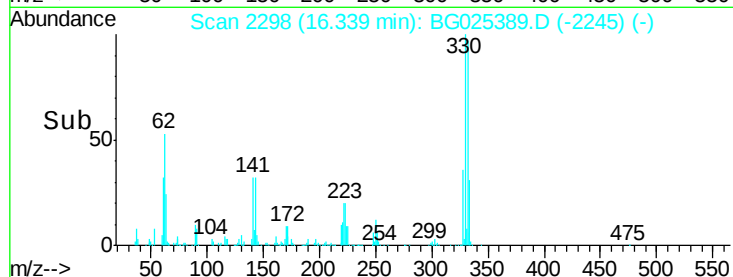
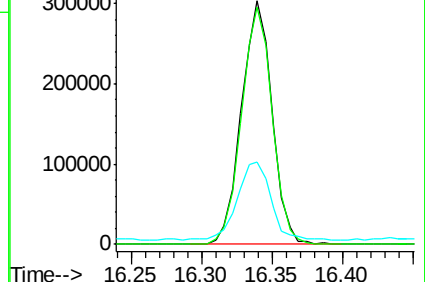
141 34.8 32.1 48.1



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: 87.08 ng

RT: 13.46 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BG025389.D

Acq: 22 Dec 2016 14:47

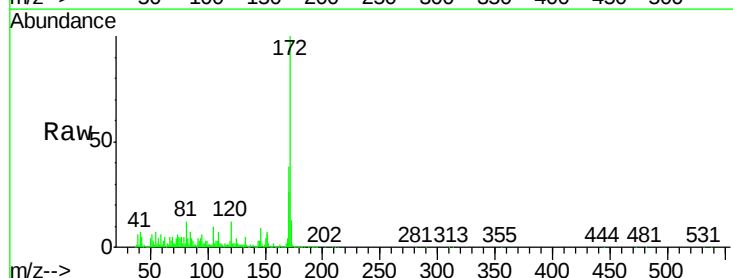
Tgt Ion:172 Resp: 1175758

Ion Ratio Lower Upper

172 100

171 38.0 32.2 48.2

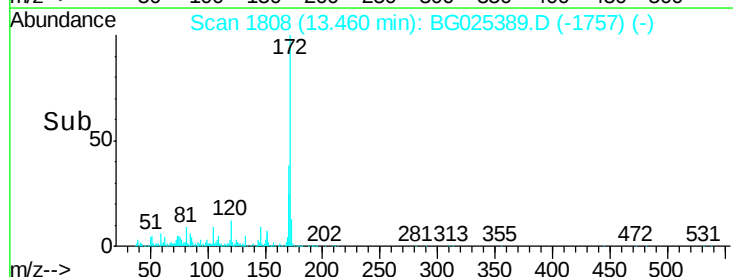
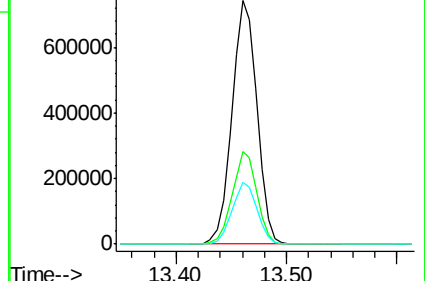
170 25.5 21.8 32.6

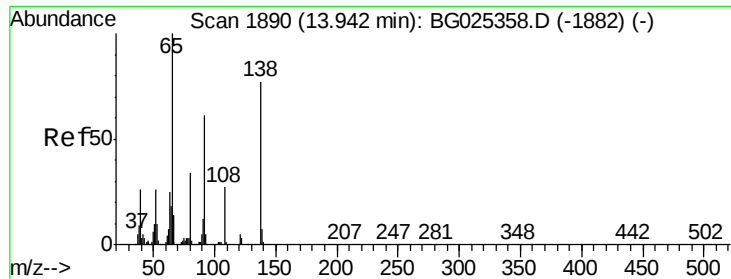


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

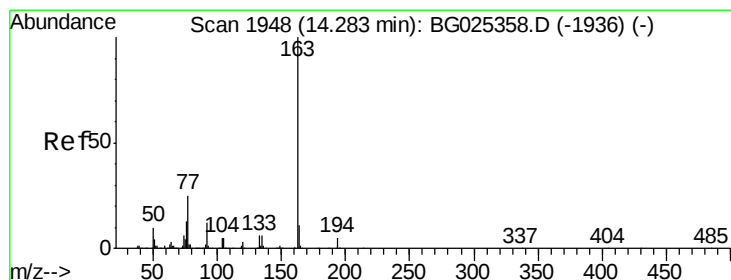
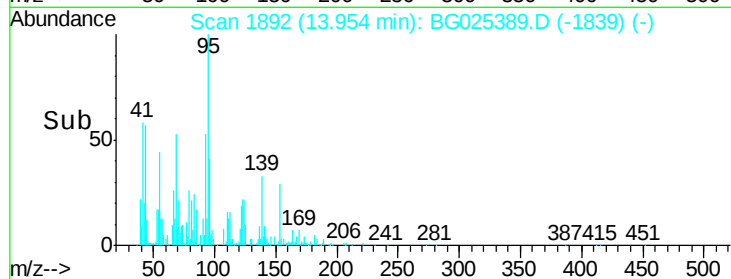
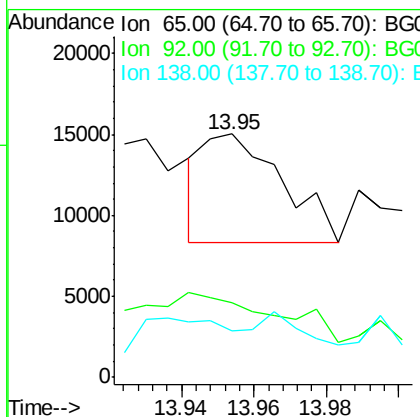
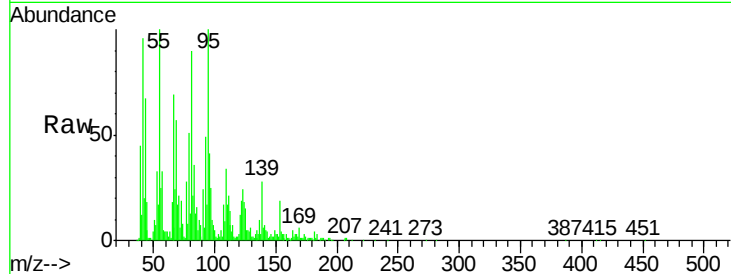




#47
2-Nitroaniline
Concen: 2.07 ng
RT: 13.95 min Scan# 1892
Delta R.T. 0.01 min
Lab File: BG025389.D
Acq: 22 Dec 2016 14:47

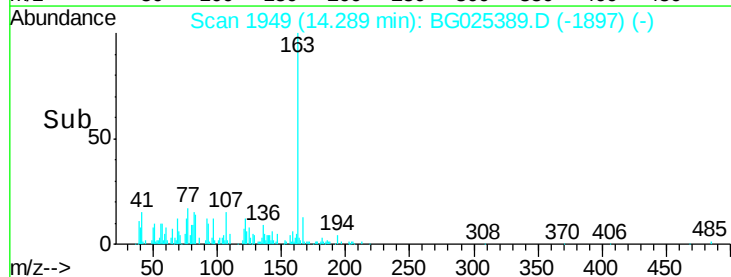
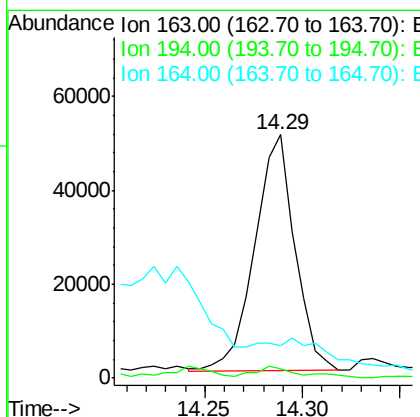
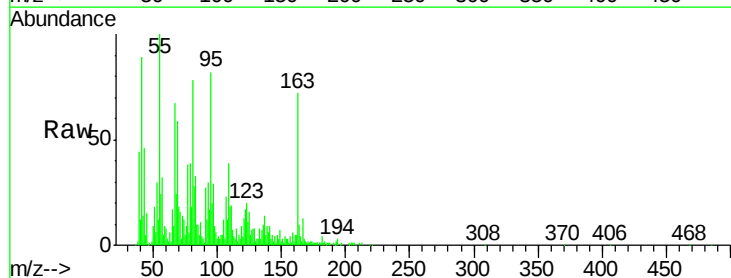
Instrument :
BNA_G
ClientSampleId :
MW-22

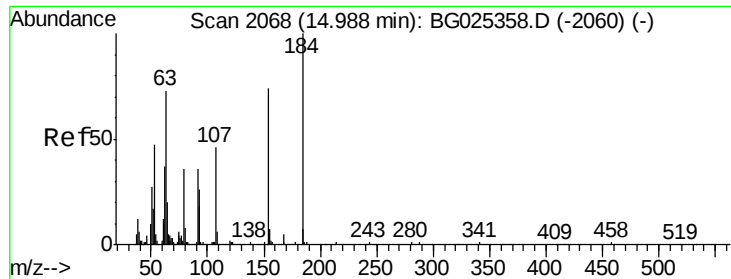
Tgt Ion: 65 Resp: 10020
Ion Ratio Lower Upper
65 100
92 30.7 49.0 73.4#
138 19.2 58.6 87.8#



#49
Dimethylphthalate
Concen: 4.52 ng
RT: 14.29 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BG025389.D
Acq: 22 Dec 2016 14:47

Tgt Ion: 163 Resp: 71968
Ion Ratio Lower Upper
163 100
194 3.9 3.8 5.6
164 13.2 9.3 13.9

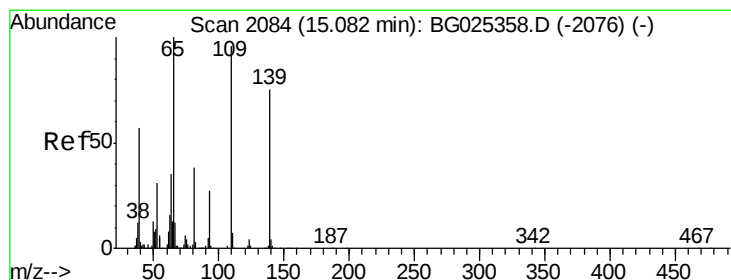
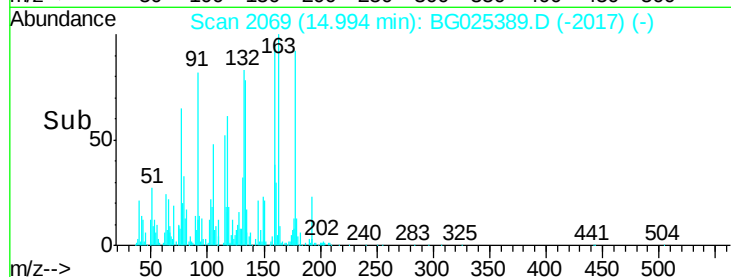
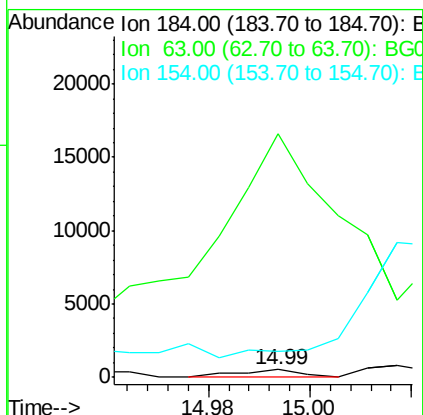
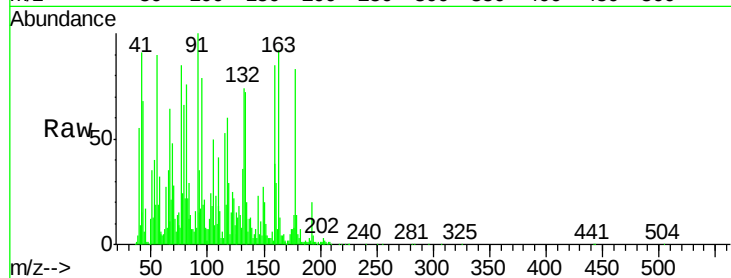




#53
2,4-Dinitrophenol
Concen: 5.28 ng
RT: 14.99 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BG025389.D
Acq: 22 Dec 2016 14:47

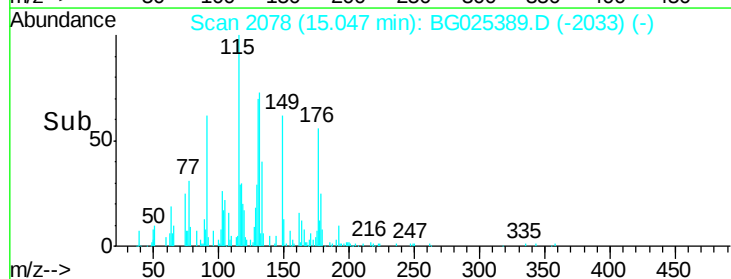
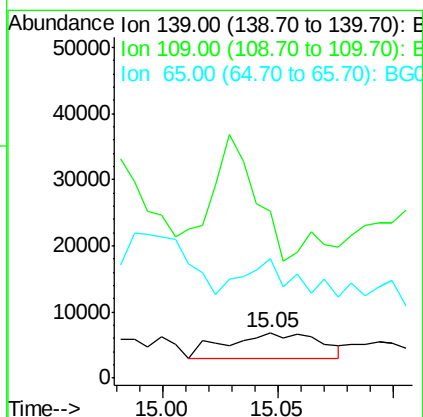
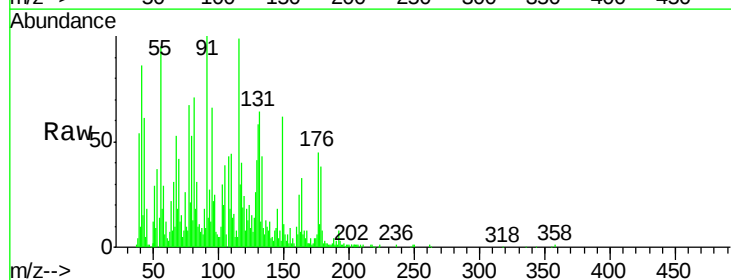
Instrument :
BNA_G
ClientSampleId :
MW-22

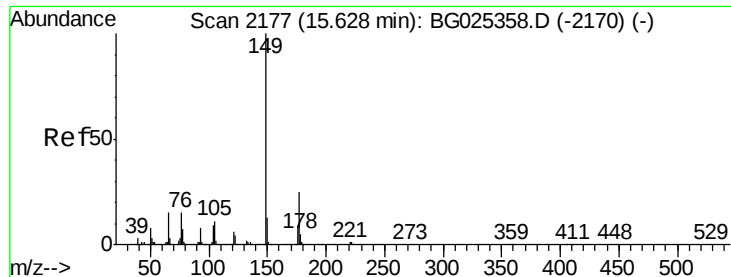
Tgt Ion:184 Resp: 481
Ion Ratio Lower Upper
184 100
63 3051.5 52.7 79.1#
154 321.9 57.3 85.9#



#55
4-Nitrophenol
Concen: 4.41 ng
RT: 15.05 min Scan# 2078
Delta R.T. -0.04 min
Lab File: BG025389.D
Acq: 22 Dec 2016 14:47

Tgt Ion:139 Resp: 11027
Ion Ratio Lower Upper
139 100
109 367.2 101.2 141.2#
65 264.5 135.3 175.3#





#59

Diethylphthalate

Concen: 2.29 ng

RT: 15.68 min Scan# 2185

Delta R.T. 0.05 min

Lab File: BG025389.D

Acq: 22 Dec 2016 14:47

Instrument :

BNA_G

ClientSampleId :

MW-22

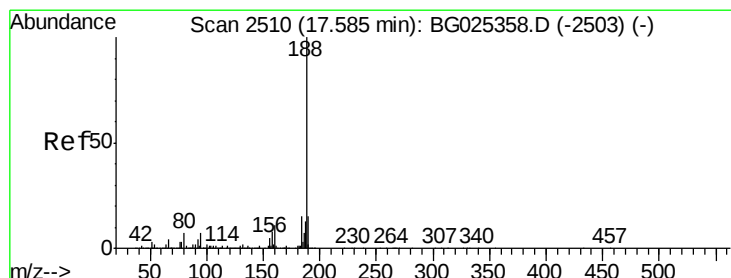
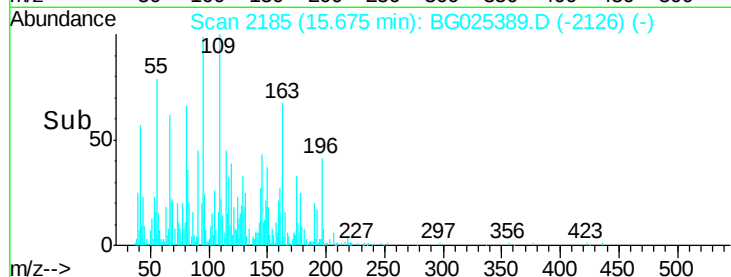
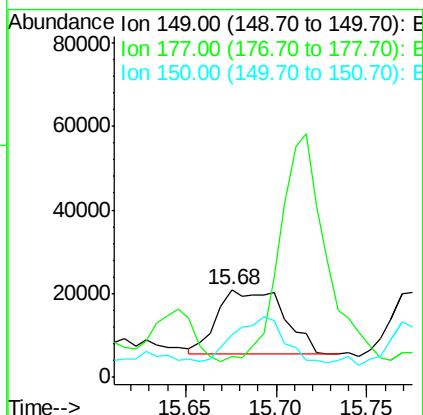
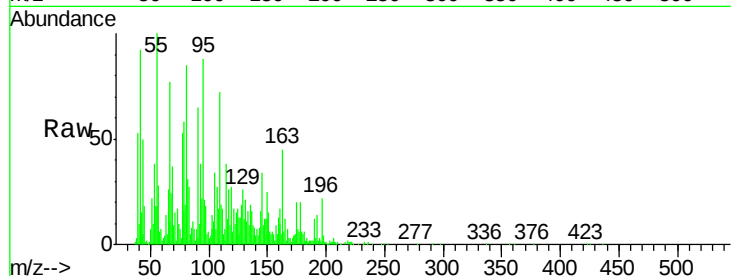
Tgt Ion:149 Resp: 38191

Ion Ratio Lower Upper

149 100

177 23.3 20.1 30.1

150 48.6 10.2 15.2#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.59 min Scan# 2511

Delta R.T. 0.01 min

Lab File: BG025389.D

Acq: 22 Dec 2016 14:47

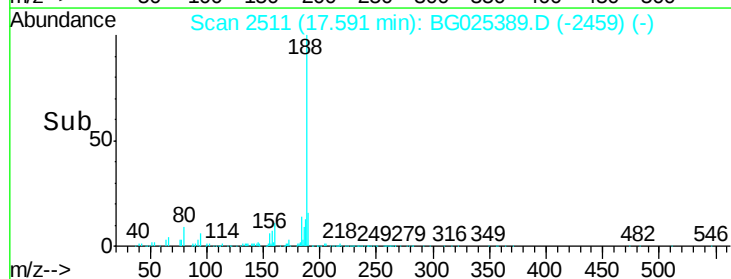
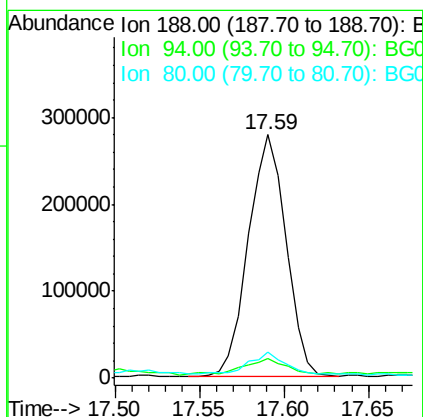
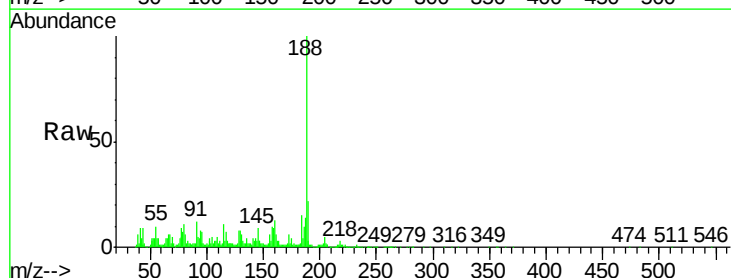
Tgt Ion:188 Resp: 431973

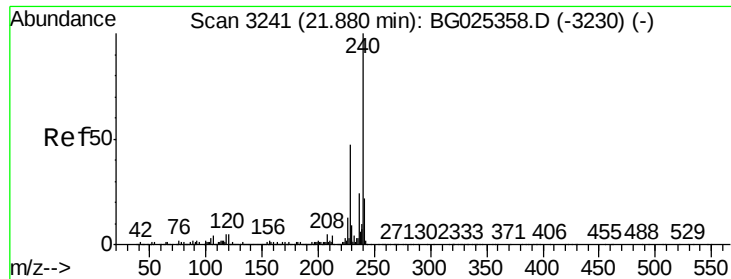
Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.8

80 10.8 7.5 11.3

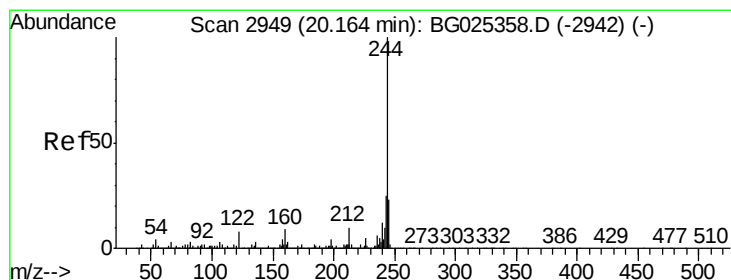
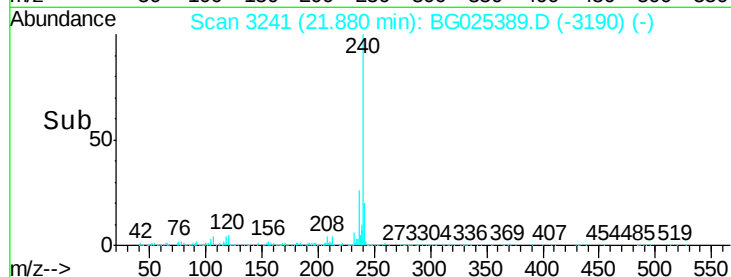
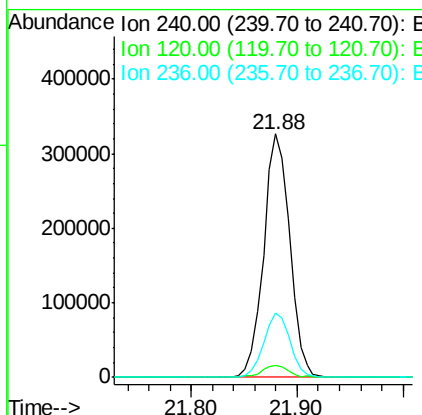
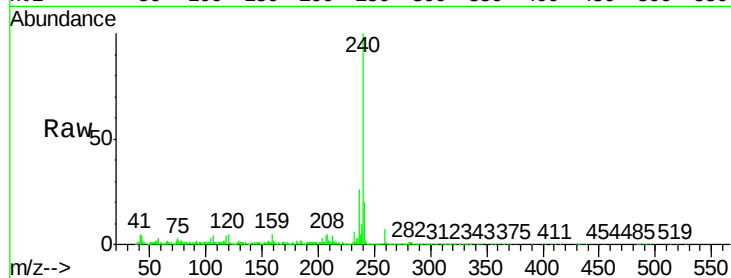




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3241
Delta R.T. -0.00 min
Lab File: BG025389.D
Acq: 22 Dec 2016 14:47

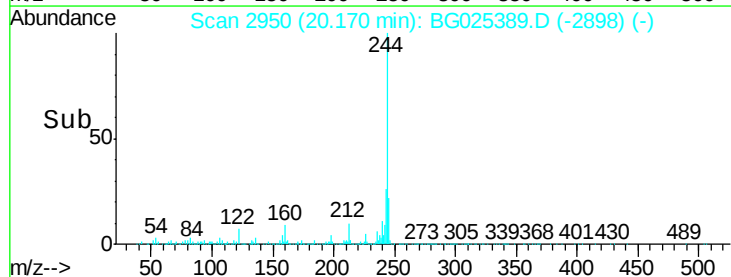
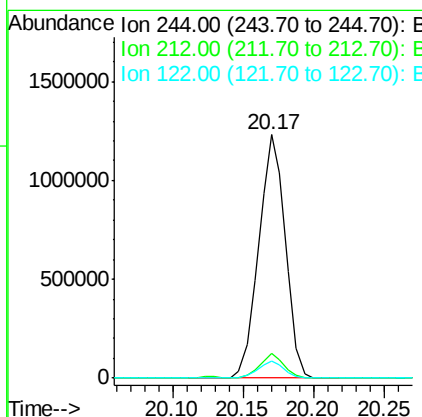
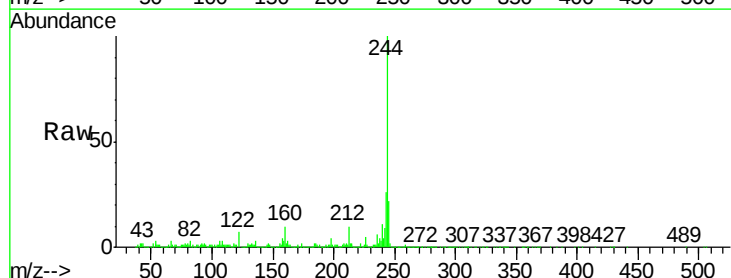
Instrument :
BNA_G
ClientSampleId :
MW-22

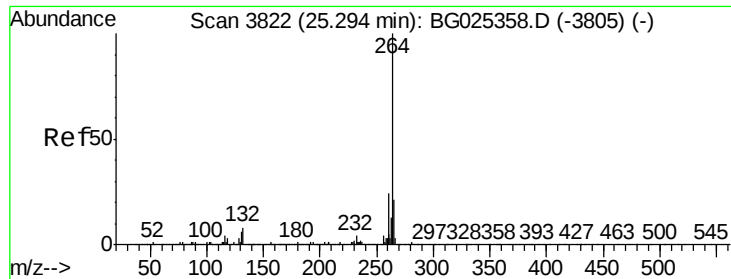
Tgt Ion:240 Resp: 558963
Ion Ratio Lower Upper
240 100
120 5.0 5.7 8.5#
236 26.4 22.2 33.4



#78
Terphenyl-d14
Concen: 77.32 ng
RT: 20.17 min Scan# 2950
Delta R.T. 0.01 min
Lab File: BG025389.D
Acq: 22 Dec 2016 14:47

Tgt Ion:244 Resp: 1630017
Ion Ratio Lower Upper
244 100
212 10.4 10.0 15.0
122 6.9 8.6 12.8#

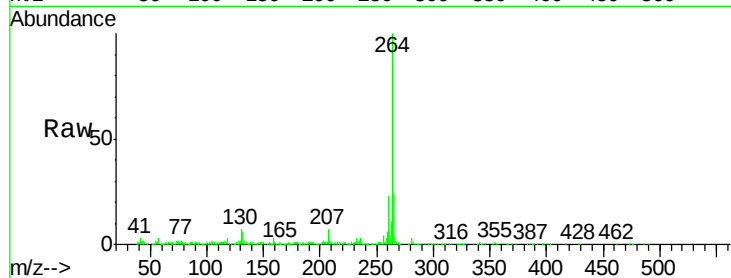




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.29 min Scan# 3822
Delta R.T. -0.00 min
Lab File: BG025389.D
Acq: 22 Dec 2016 14:47

Instrument :
BNA_G
ClientSampleId :
MW-22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	23.7	18.2	27.4



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

