

Data Path : Z:\HPCHEM1\BNA_G\Data\BG011217\
 Data File : BG025508.D
 Acq On : 13 Jan 2017 8:16
 Operator : UM/SJ
 Sample : I1138-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Quant Time: Jan 13 12:56:35 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

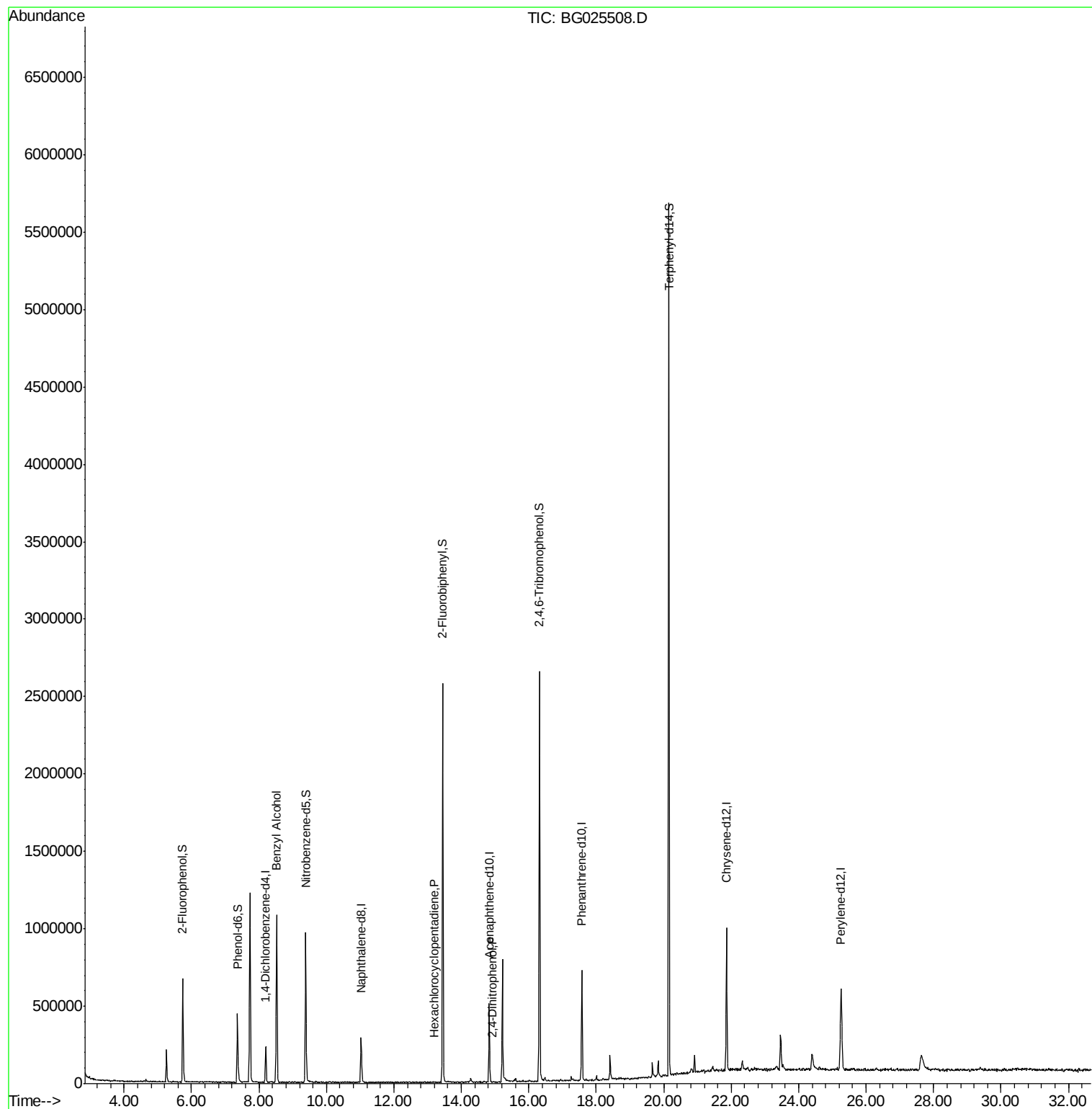
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	59099	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	237222	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	198136	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	443441	20.00	ng	0.00
75) Chrysene-d12	21.86	240	630005	20.00	ng	0.00
86) Perylene-d12	25.26	264	675128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	262107	80.61	ng	0.00
7) Phenol-d6	7.36	99	240455	52.51	ng	0.00
23) Nitrobenzene-d5	9.38	82	601770	112.07	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	522243	163.72	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1308910	106.95	ng	0.00
78) Terphenyl-d14	20.15	244	2310991	97.26	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.52	79	10619	2.43	ng	# 62
40) Hexachlorocyclopentadiene	13.20	237	85	8.54	ng	# 1
53) 2,4-Dinitrophenol	14.92	184	88	5.12	ng	# 44

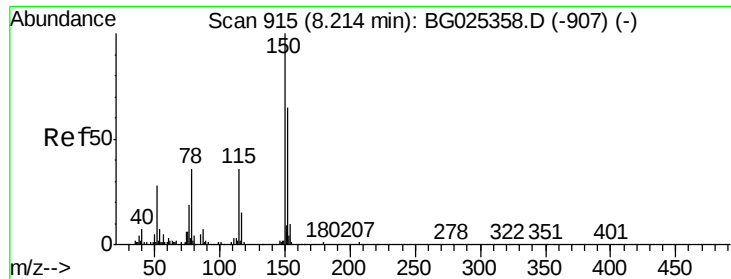
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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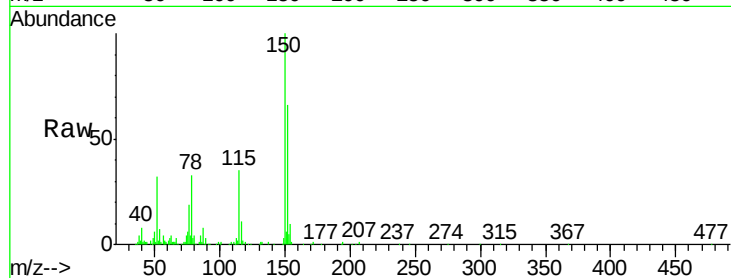


#1

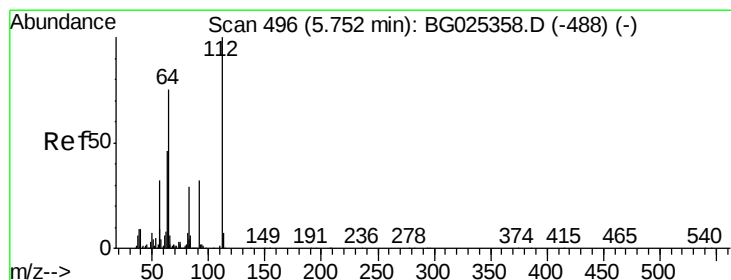
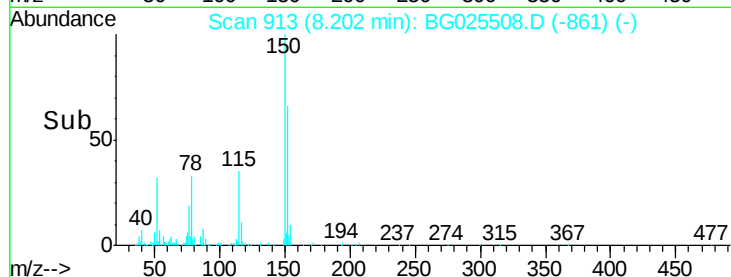
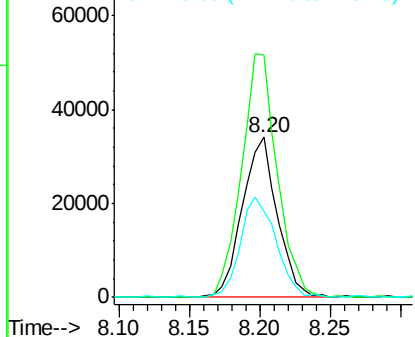
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. 0.01 min
Lab File: BG025508.D
Acq: 13 Jan 2017 8:16

Instrument :
BNA_G
ClientSampleId :
MW-3

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.5	114.0	171.0
115	53.4	48.1	72.1



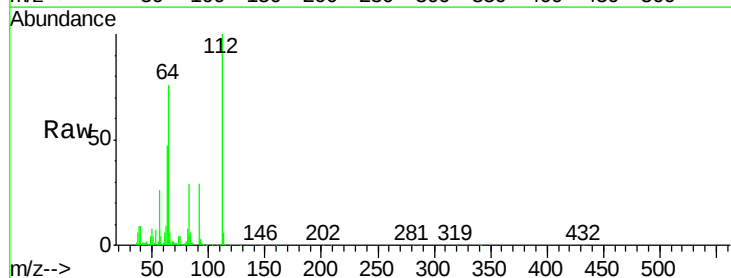
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



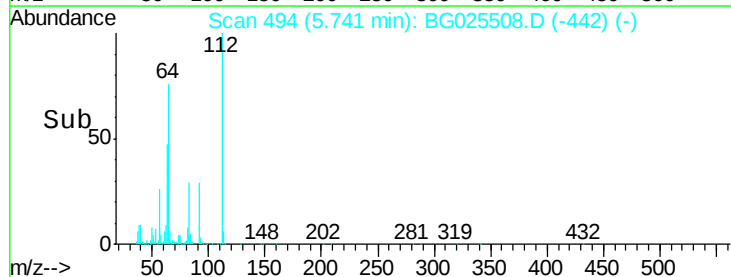
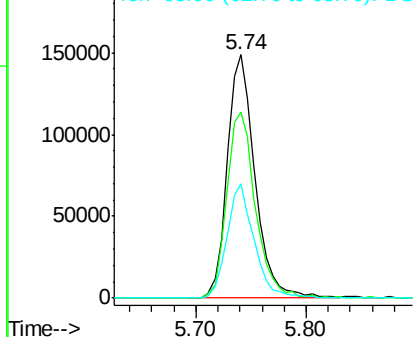
#5

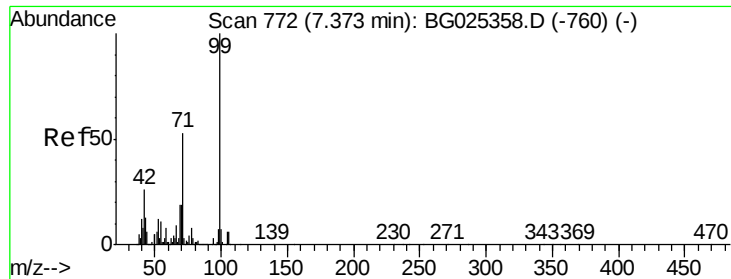
2-Fluorophenol
Concen: 80.61 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.01 min
Lab File: BG025508.D
Acq: 13 Jan 2017 8:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.3	61.8	92.6
63	46.8	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: 52.51 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG025508.D

Acq: 13 Jan 2017 8:16

Instrument :

BNA_G

ClientSampleId :

MW-3

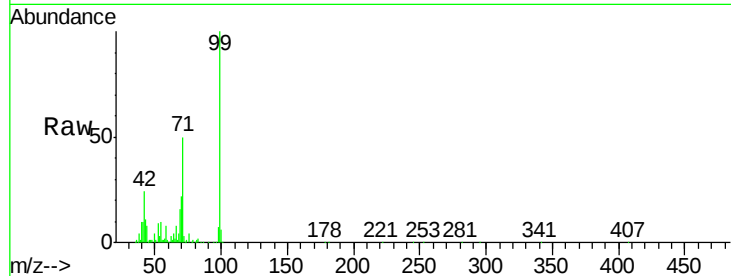
Tgt Ion: 99 Resp: 240455

Ion Ratio Lower Upper

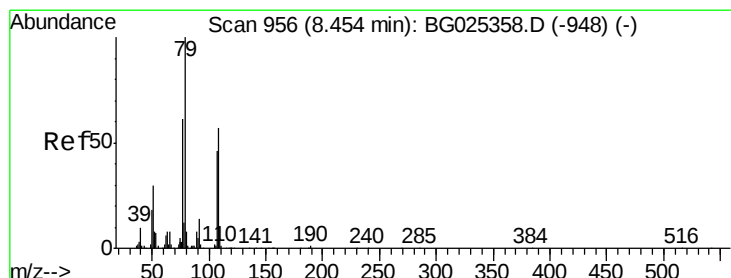
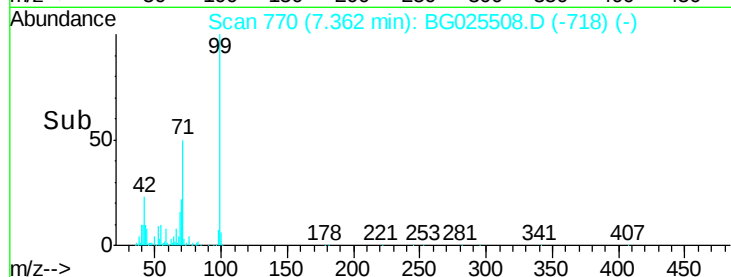
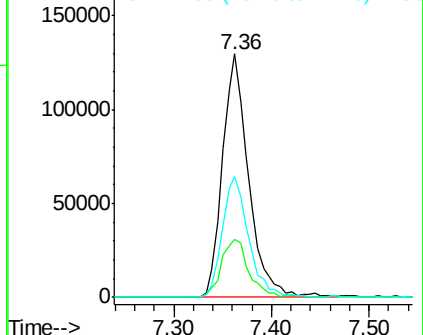
99 100

42 23.9 20.5 30.7

71 49.6 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



#15

Benzyl Alcohol

Concen: 2.43 ng

RT: 8.52 min Scan# 967

Delta R.T. 0.08 min

Lab File: BG025508.D

Acq: 13 Jan 2017 8:16

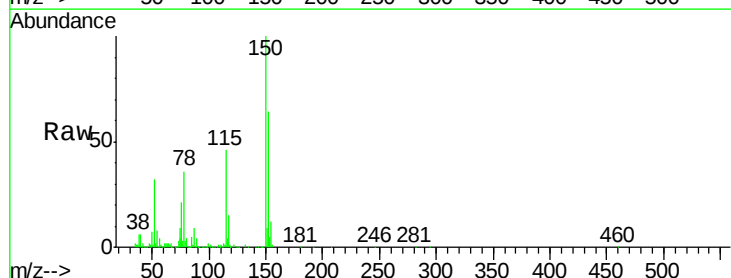
Tgt Ion: 79 Resp: 10619

Ion Ratio Lower Upper

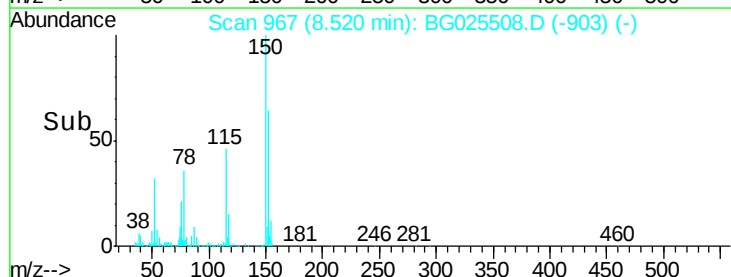
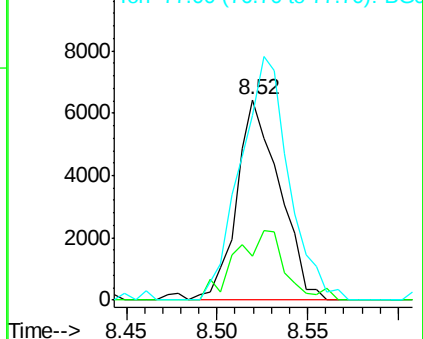
79 100

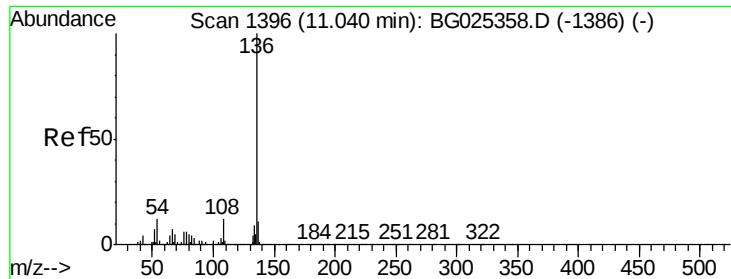
108 21.6 45.5 68.3#

77 92.0 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

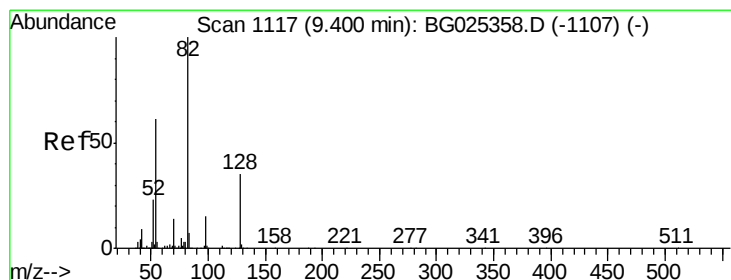
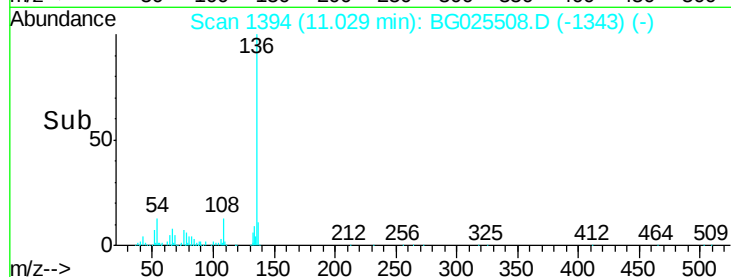
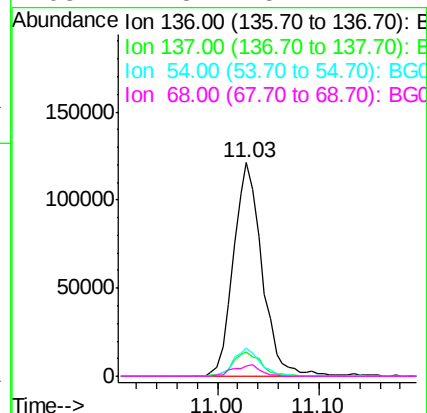
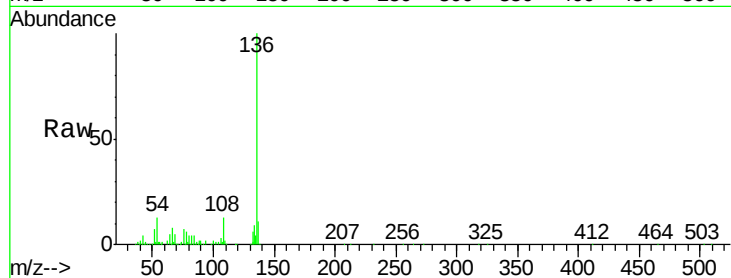




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG025508.D
Acq: 13 Jan 2017 8:16

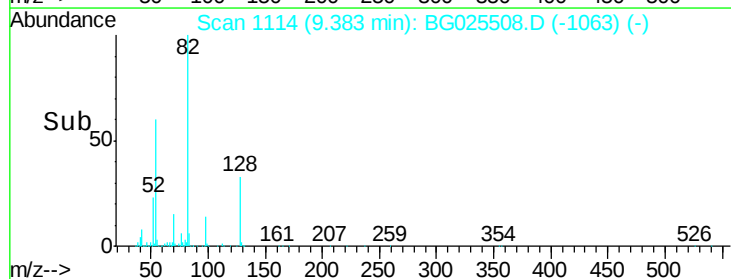
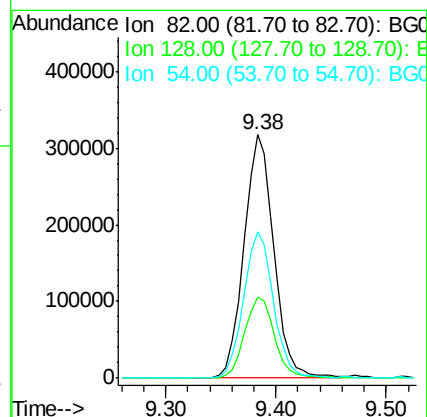
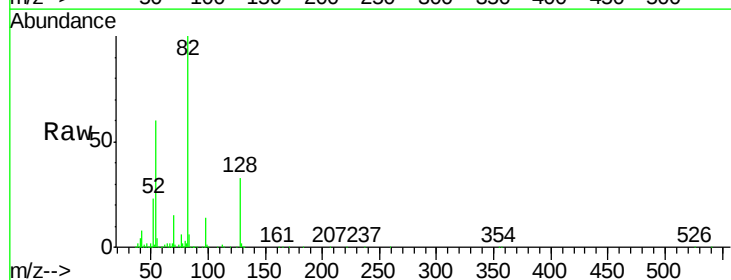
Instrument :
BNA_G
ClientSampleId :
MW-3

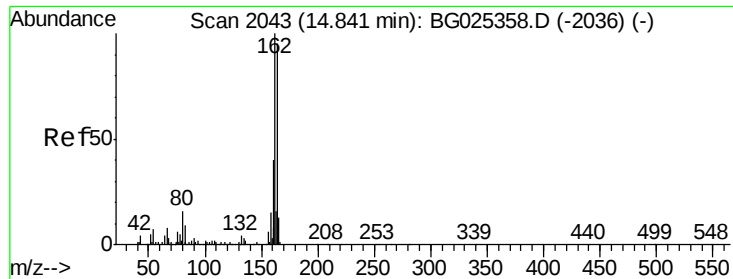
Tgt Ion:	136	Resp:	237222
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	13.3	9.3	13.9
68	4.8	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 112.07 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG025508.D
Acq: 13 Jan 2017 8:16

Tgt Ion:	82	Resp:	601770
Ion	Ratio	Lower	Upper
82	100		
128	33.2	26.4	39.6
54	60.2	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BG025508.D

Acq: 13 Jan 2017 8:16

Instrument :

BNA_G

ClientSampleId :

MW-3

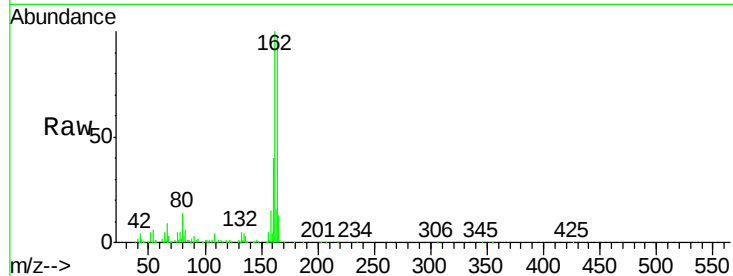
Tgt Ion:164 Resp: 198136

Ion Ratio Lower Upper

164 100

162 103.6 85.1 127.7

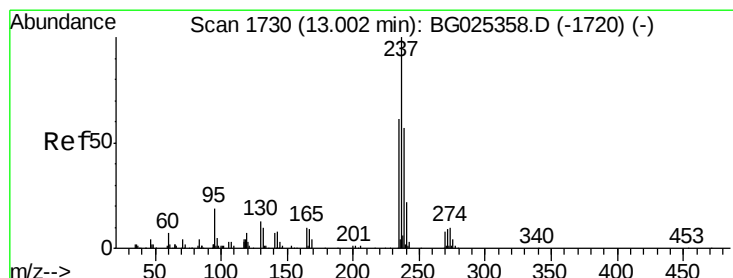
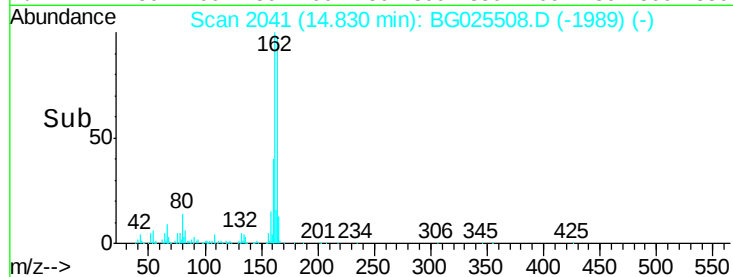
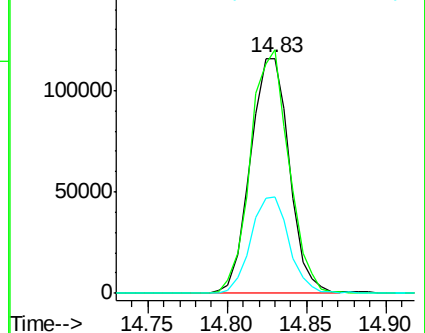
160 41.2 34.7 52.1



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: 13.20 min Scan# 1763

Delta R.T. 0.21 min

Lab File: BG025508.D

Acq: 13 Jan 2017 8:16

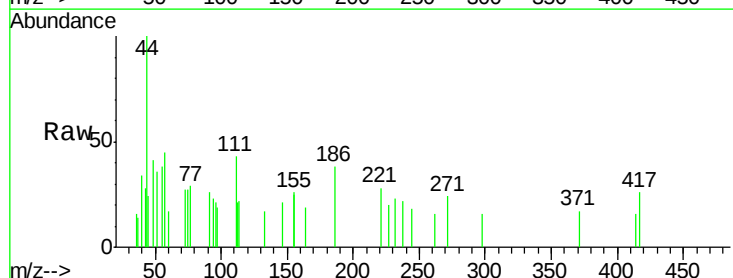
Tgt Ion:237 Resp: 85

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

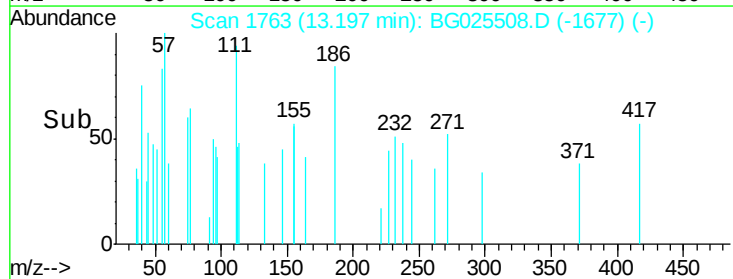
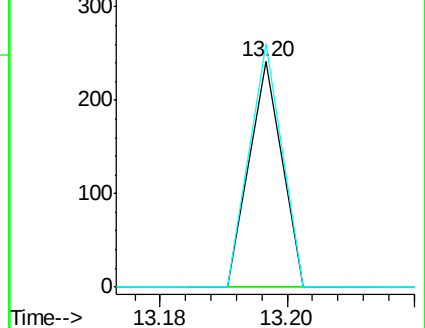
272 108.3 0.0 32.0#



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

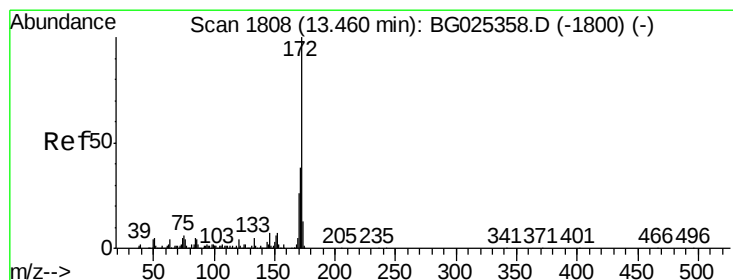
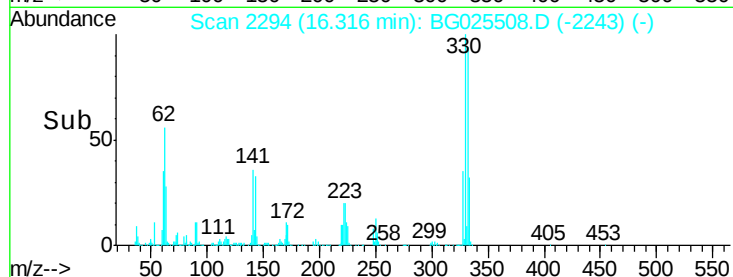
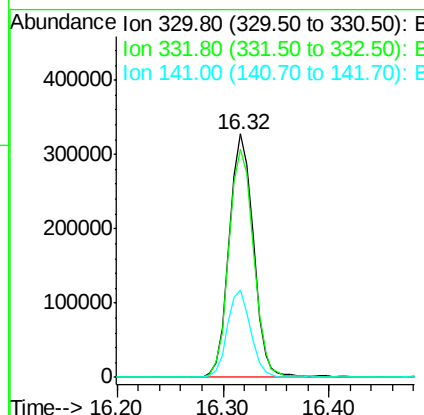
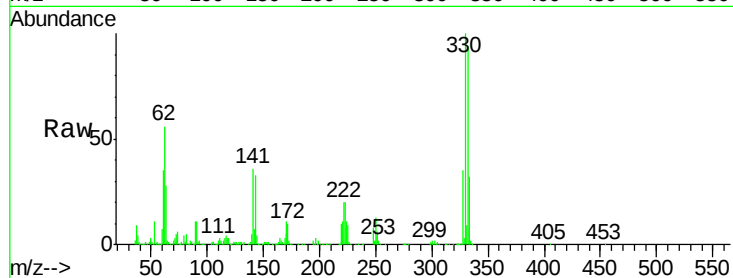




#41
 2,4,6-Tribromophenol
 Concen: 163.72 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: BG025508.D
 Acq: 13 Jan 2017 8:16

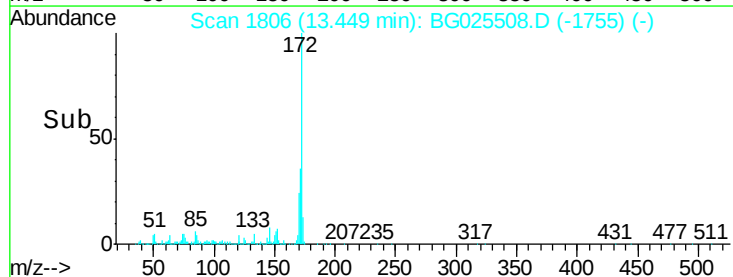
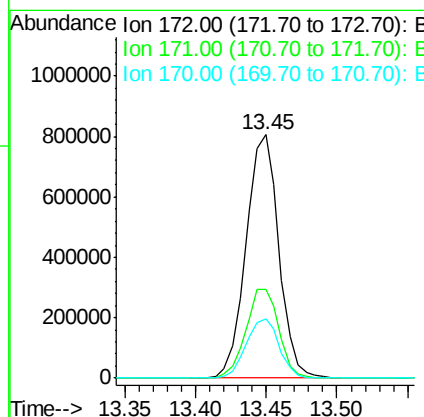
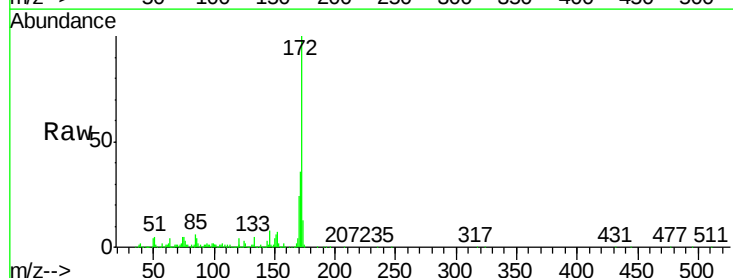
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 BNA_G
 ClientSampleId :
 MW-3

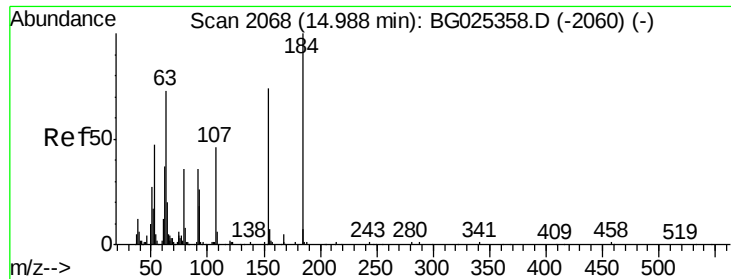
Tgt Ion:330 Resp: 522243
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.3 115.9
 141 34.4 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 106.95 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG025508.D
 Acq: 13 Jan 2017 8:16

Tgt Ion:172 Resp: 1308910
 Ion Ratio Lower Upper
 172 100
 171 36.5 32.2 48.2
 170 24.4 21.8 32.6

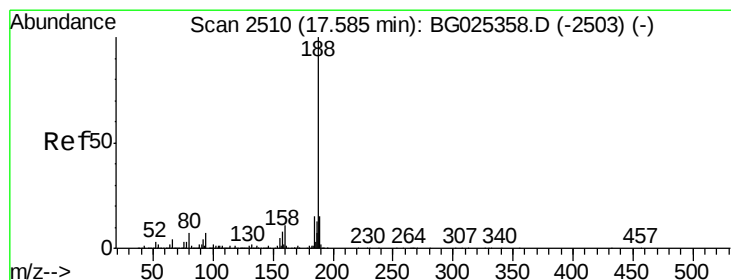
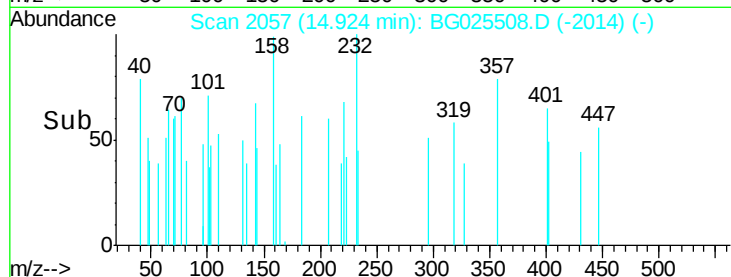
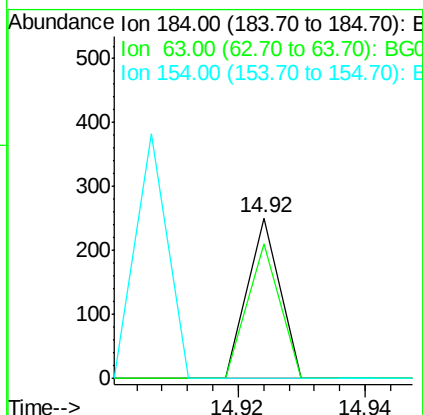
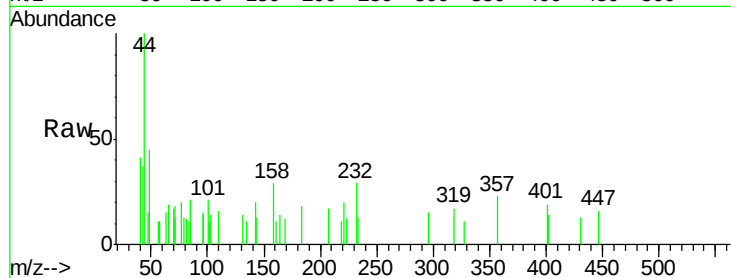




#53
2,4-Dinitrophenol
Concen: 5.12 ng
RT: 14.92 min Scan# 2057
Delta R.T. -0.05 min
Lab File: BG025508.D
Acq: 13 Jan 2017 8:16

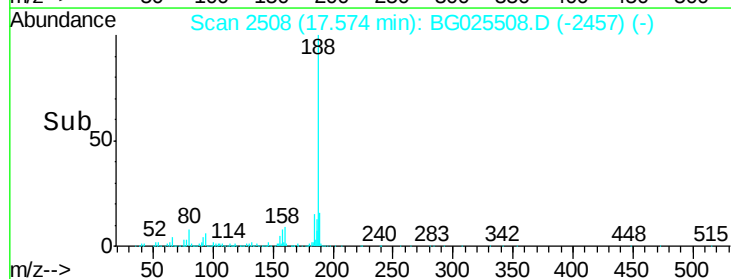
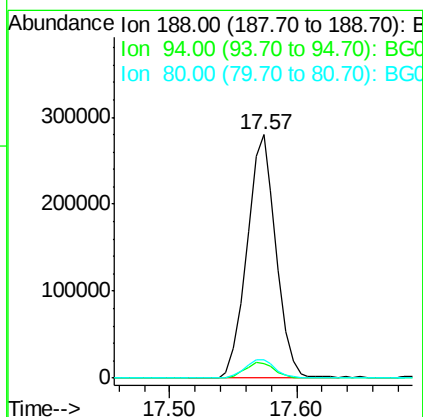
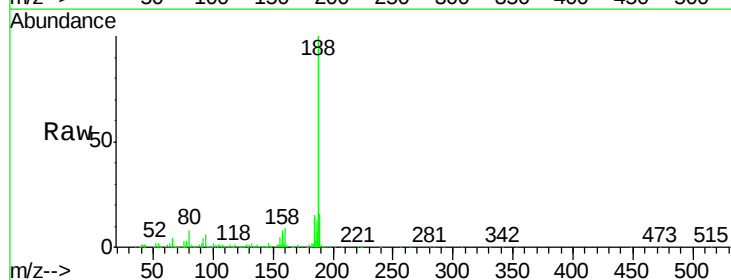
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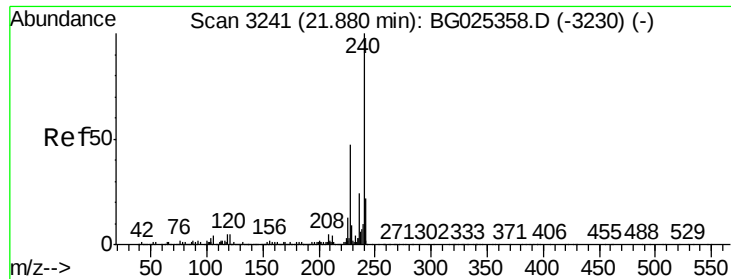
Tgt Ion:184 Resp: 88
Ion Ratio Lower Upper
184 100
63 83.6 52.7 79.1#
154 0.0 57.3 85.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BG025508.D
Acq: 13 Jan 2017 8:16

Tgt Ion:188 Resp: 443441
Ion Ratio Lower Upper
188 100
94 5.8 5.8 8.8#
80 7.7 7.5 11.3

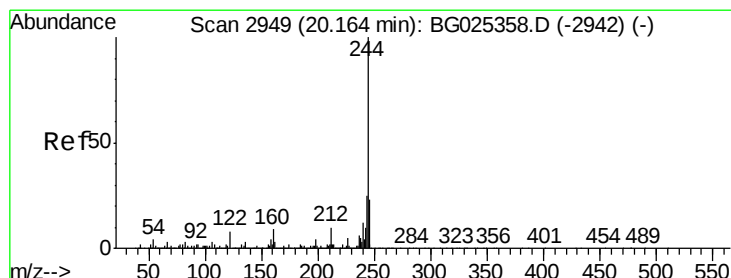
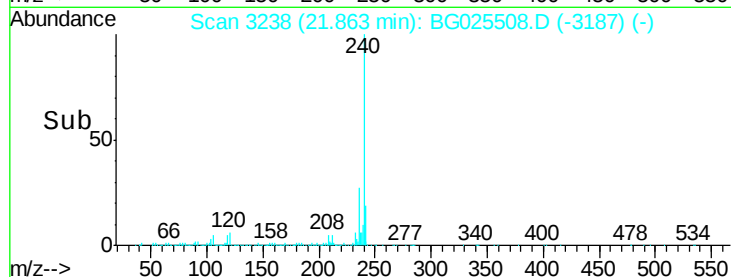
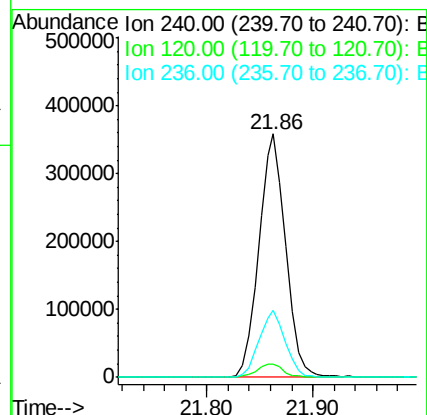
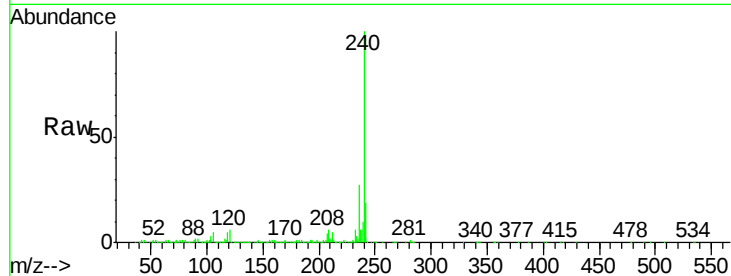




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BG025508.D
Acq: 13 Jan 2017 8:16

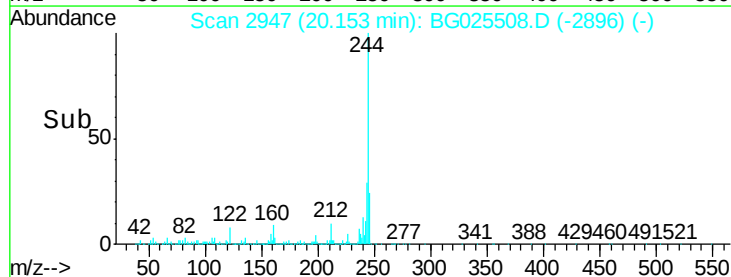
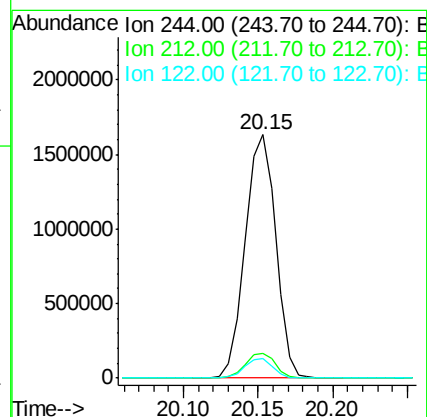
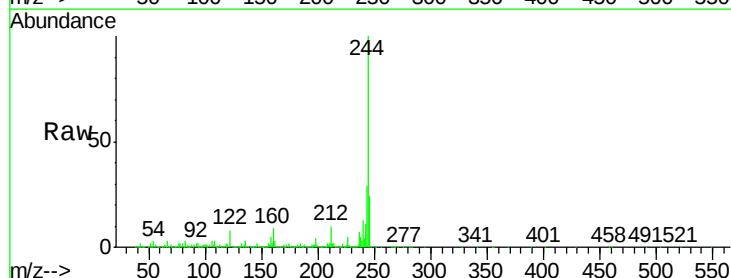
Instrument :
BNA_G
ClientSampleId :
MW-3

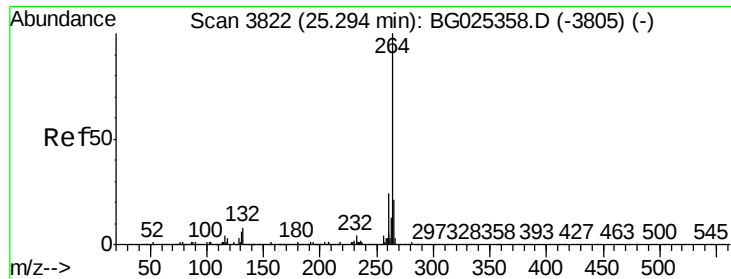
Tgt Ion:240 Resp: 630005
Ion Ratio Lower Upper
240 100
120 5.5 5.7 8.5#
236 27.5 22.2 33.4



#78
Terphenyl-d14
Concen: 97.26 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG025508.D
Acq: 13 Jan 2017 8:16

Tgt Ion:244 Resp: 2310991
Ion Ratio Lower Upper
244 100
212 10.4 10.0 15.0
122 8.2 8.6 12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3816
Delta R.T. -0.01 min
Lab File: BG025508.D
Acq: 13 Jan 2017 8:16

Instrument :
BNA_G
ClientSampleId :
MW-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.8	32.8
265	21.6	18.2	27.4

