

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010917\
 Data File : BG025448.D
 Acq On : 10 Jan 2017 2:39
 Operator : UM/SJ
 Sample : I1056-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-20

Quant Time: Jan 10 04:23:13 2017
 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

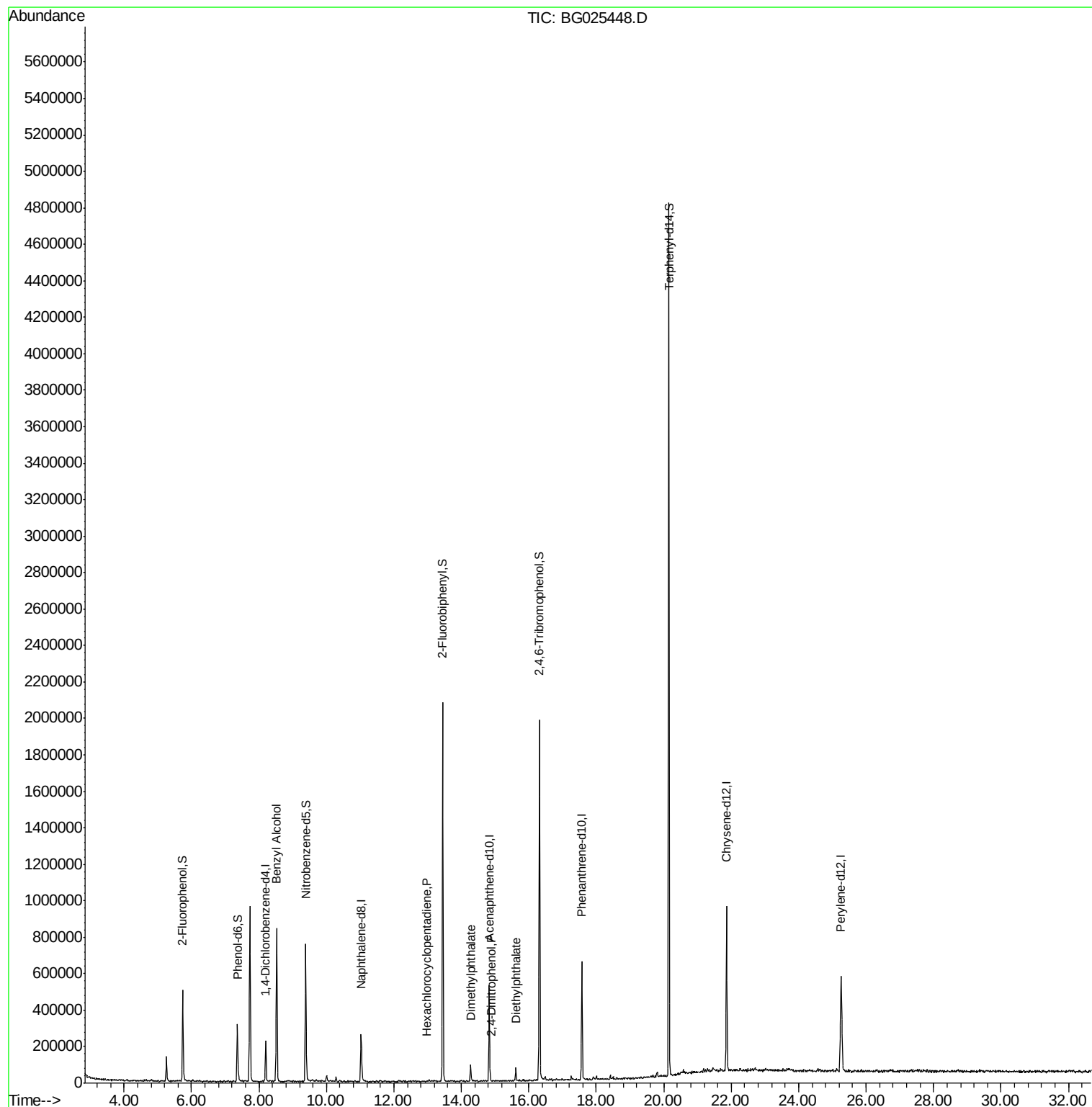
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	55405	20.00	ng	-0.02
21) Naphthalene-d8	11.02	136	225076	20.00	ng	-0.02
38) Acenaphthene-d10	14.82	164	186885	20.00	ng	-0.02
63) Phenanthrene-d10	17.57	188	412749	20.00	ng	-0.01
75) Chrysene-d12	21.86	240	605479	20.00	ng	-0.02
86) Perylene-d12	25.26	264	657238	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	208708	68.47	ng	-0.01
7) Phenol-d6	7.36	99	178581	41.60	ng	-0.01
23) Nitrobenzene-d5	9.38	82	471591	92.56	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	396945	131.93	ng	-0.01
44) 2-Fluorobiphenyl	13.44	172	1046593	90.67	ng	-0.02
78) Terphenyl-d14	20.15	244	2026962	88.76	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.53	79	9886	2.41	ng	# 31
40) Hexachlorocyclopentadiene	12.99	237	100	8.55	ng	# 29
49) Dimethylphthalate	14.28	163	68673	5.04	ng	# 89
53) 2,4-Dinitrophenol	14.89	184	65	5.11	ng	# 15
59) Diethylphthalate	15.62	149	33458	2.34	ng	99

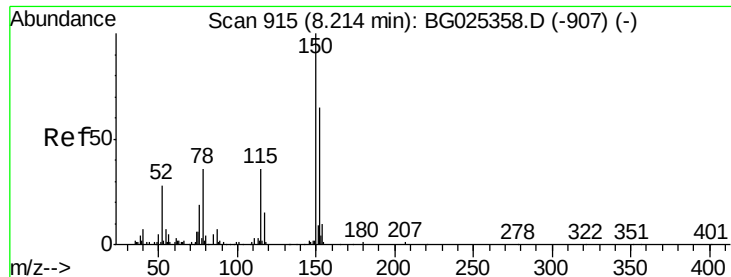
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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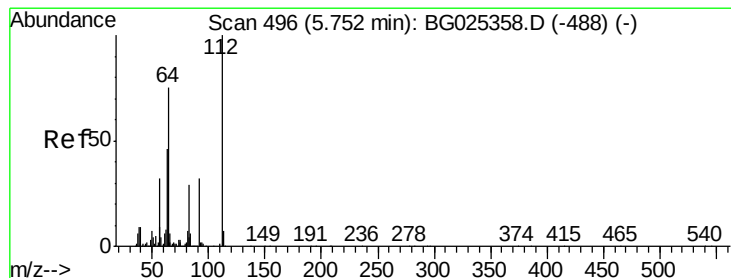
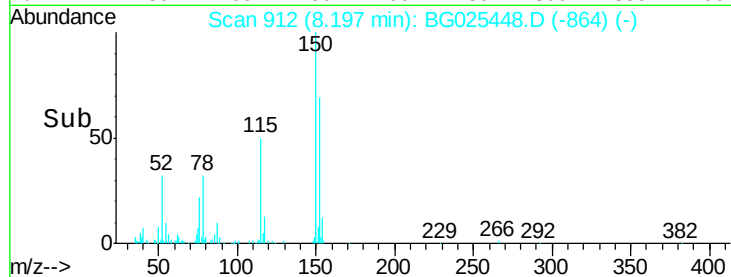
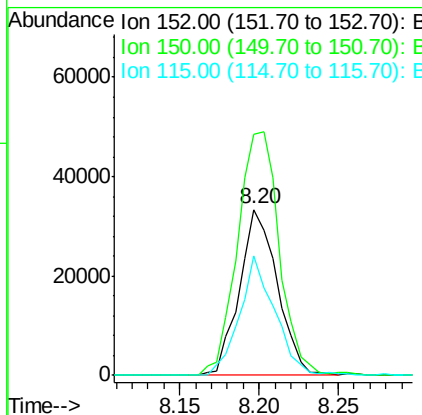
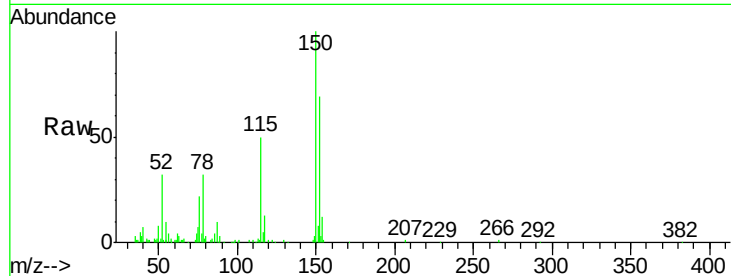


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 912
Delta R.T. -0.02 min
Lab File: BG025448.D
Acq: 10 Jan 2017 2:39

Instrument :
BNA_G
ClientSampleId :
W-20

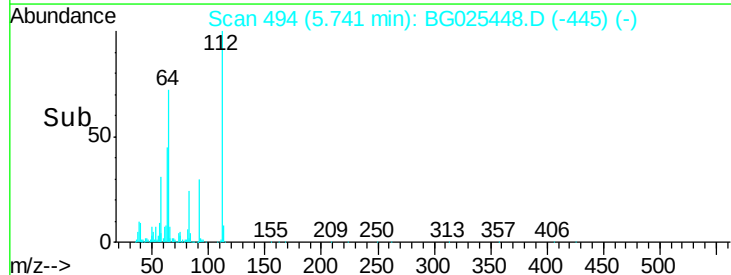
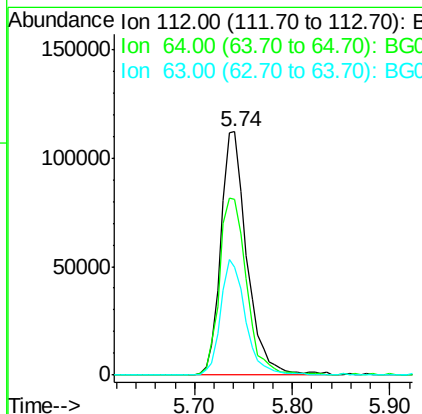
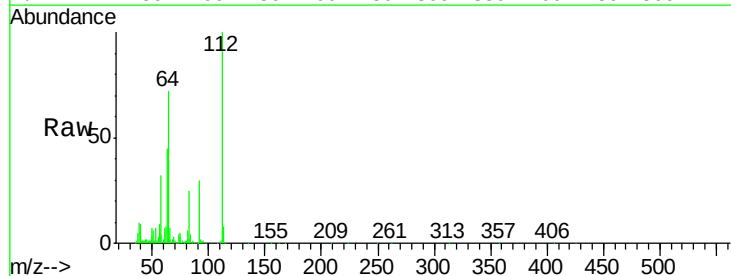
Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.3	114.0	171.0
115	72.2	48.1	72.1#

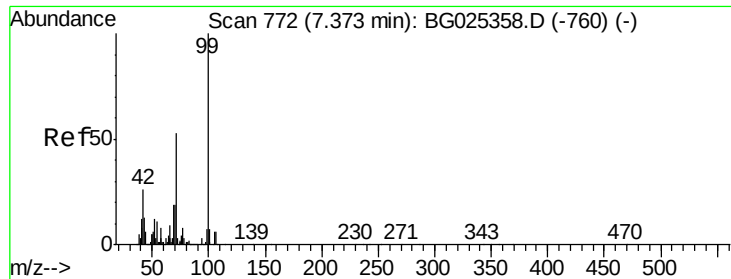


#5

2-Fluorophenol
Concen: 68.47 ng
RT: 5.74 min Scan# 494
Delta R.T. -0.01 min
Lab File: BG025448.D
Acq: 10 Jan 2017 2:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.0	61.8	92.6
63	44.5	37.2	55.8





#7

Phenol-d6

Concen: 41.60 ng

RT: 7.36 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG025448.D

Acq: 10 Jan 2017 2:39

Instrument :

BNA_G

ClientSampleId :

W-20

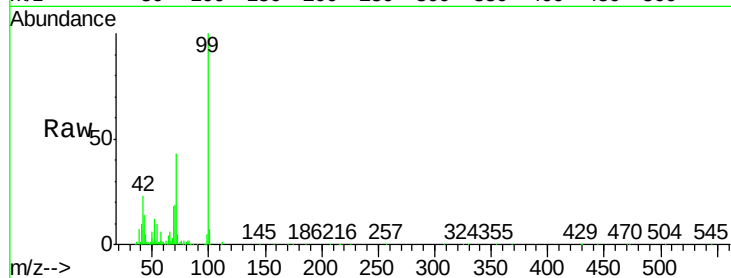
Tgt Ion: 99 Resp: 178581

Ion Ratio Lower Upper

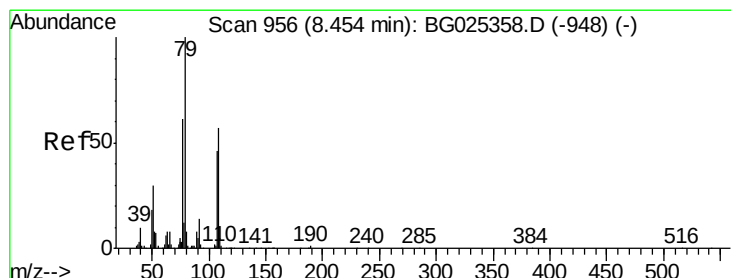
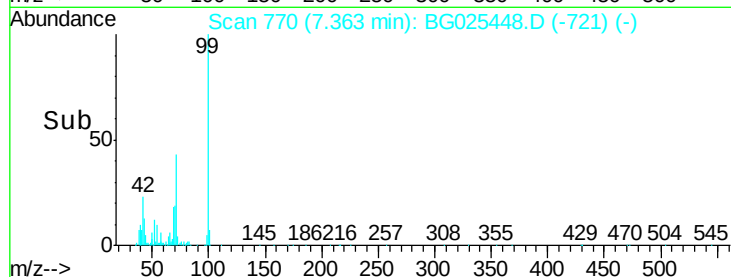
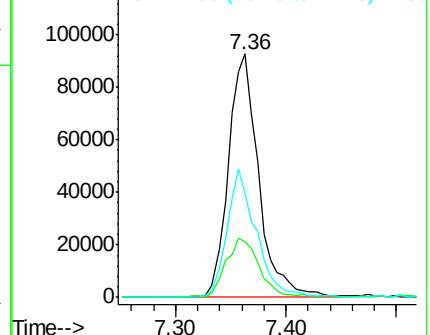
99 100

42 22.9 20.5 30.7

71 42.7 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



#15

Benzyl Alcohol

Concen: 2.41 ng

RT: 8.53 min Scan# 968

Delta R.T. 0.07 min

Lab File: BG025448.D

Acq: 10 Jan 2017 2:39

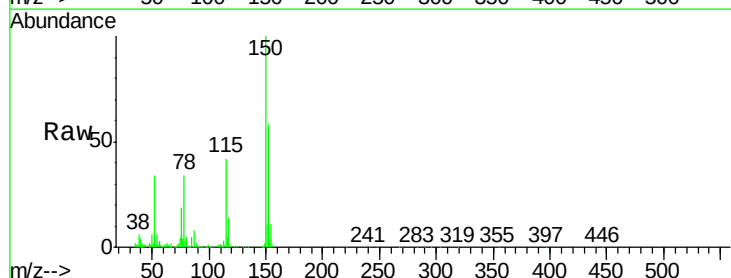
Tgt Ion: 79 Resp: 9886

Ion Ratio Lower Upper

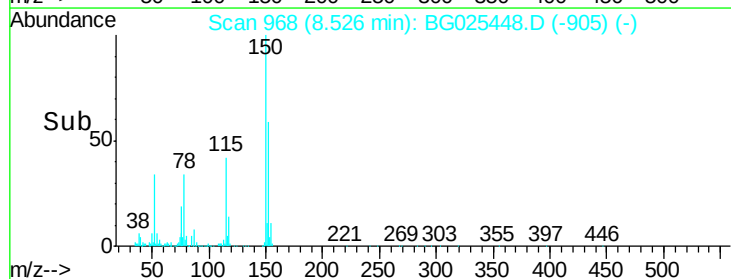
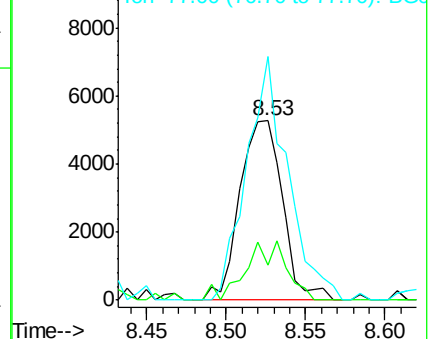
79 100

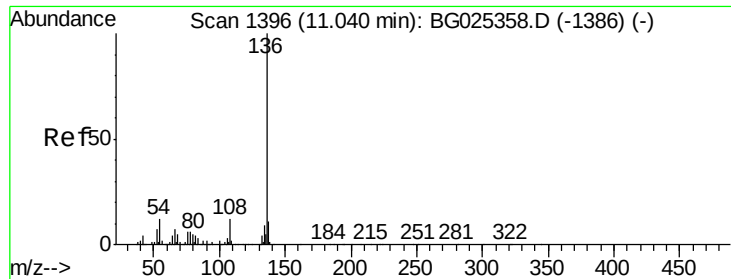
108 19.2 45.5 68.3#

77 135.7 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

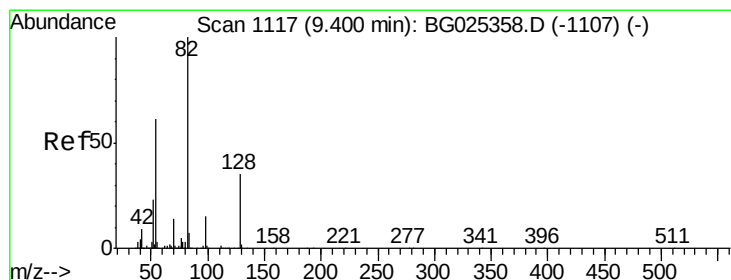
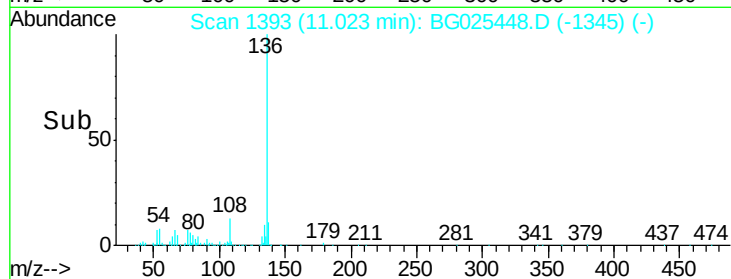
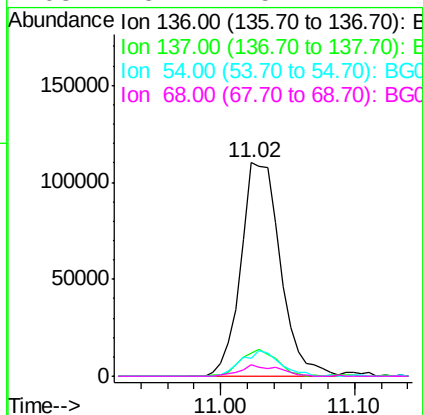
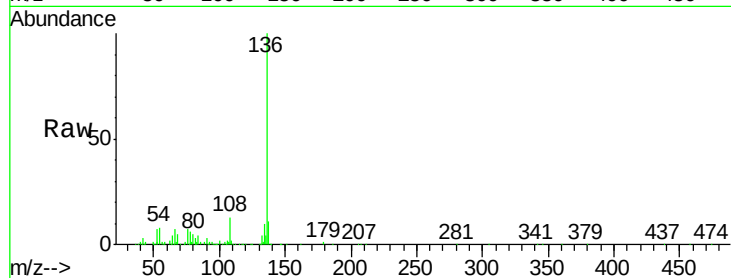




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BG025448.D
Acq: 10 Jan 2017 2:39

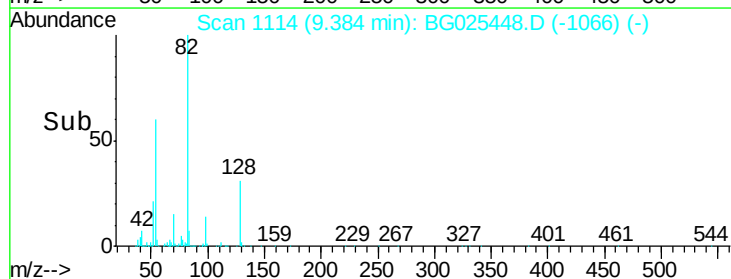
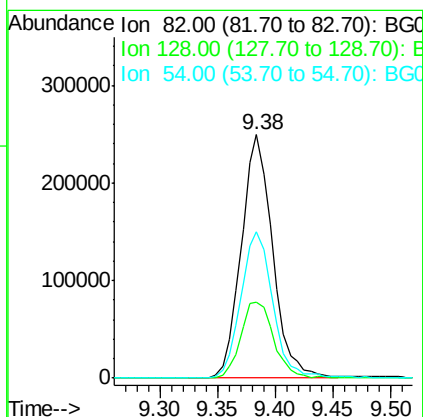
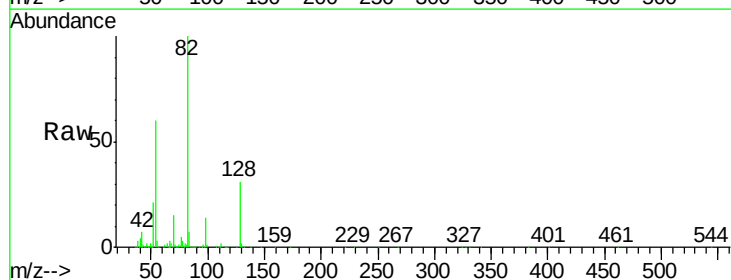
Instrument :
BNA_G
ClientSampleId :
W-20

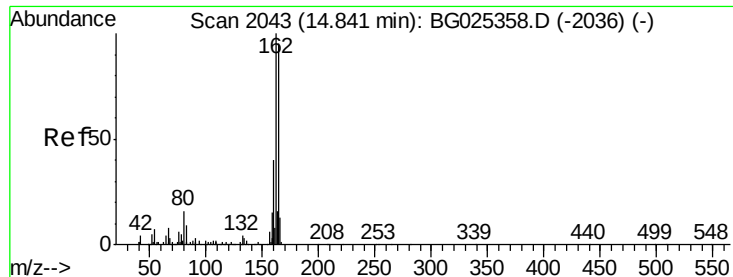
Tgt Ion:	136	Resp:	225076
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.3	9.3	13.9#
68	5.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 92.56 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.02 min
Lab File: BG025448.D
Acq: 10 Jan 2017 2:39

Tgt Ion:	82	Resp:	471591
Ion	Ratio	Lower	Upper
82	100		
128	31.0	26.4	39.6
54	59.9	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.82 min Scan# 2040

Delta R.T. -0.02 min

Lab File: BG025448.D

Acq: 10 Jan 2017 2:39

Instrument :

BNA_G

ClientSampleId :

W-20

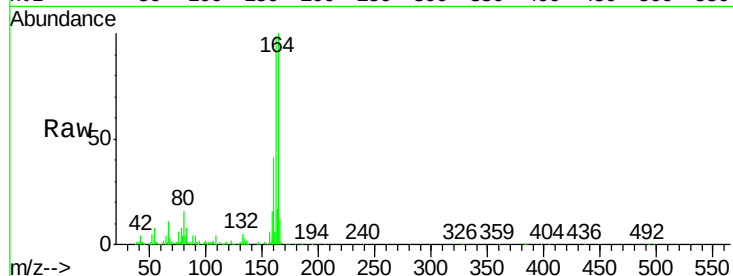
Tgt Ion:164 Resp: 186885

Ion Ratio Lower Upper

164 100

162 98.9 85.1 127.7

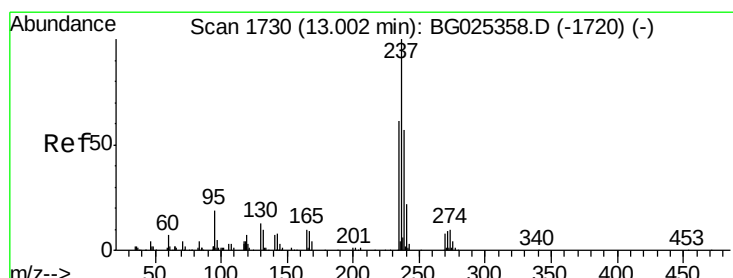
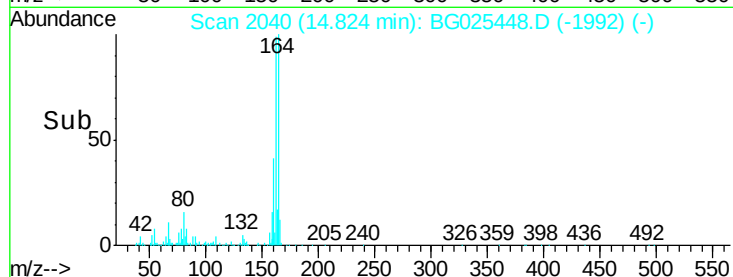
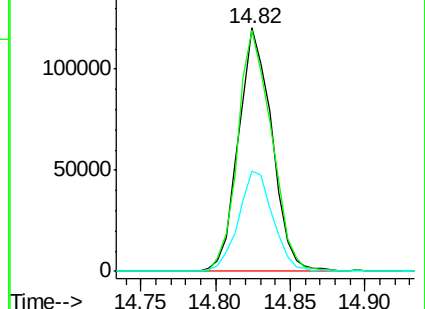
160 41.2 34.7 52.1



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: 8.55 ng

RT: 12.99 min Scan# 1728

Delta R.T. -0.01 min

Lab File: BG025448.D

Acq: 10 Jan 2017 2:39

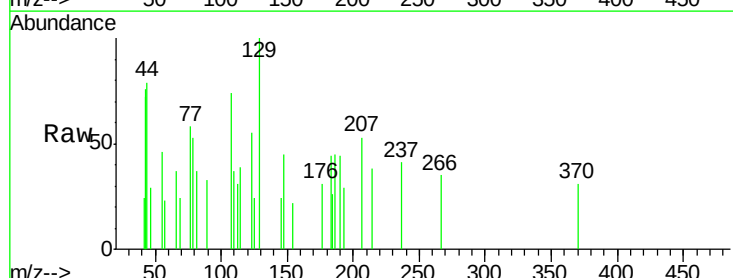
Tgt Ion:237 Resp: 100

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

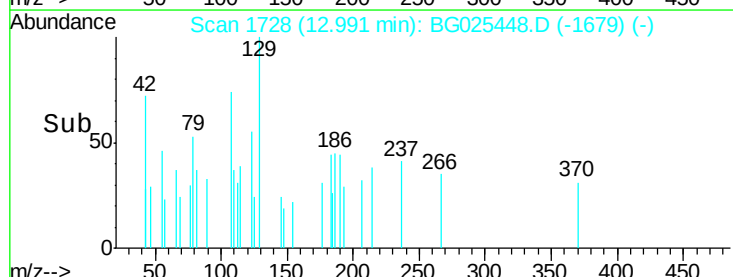
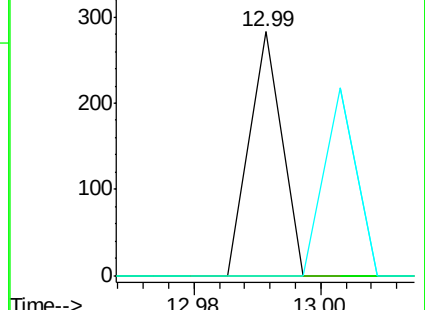
272 0.0 0.0 32.0

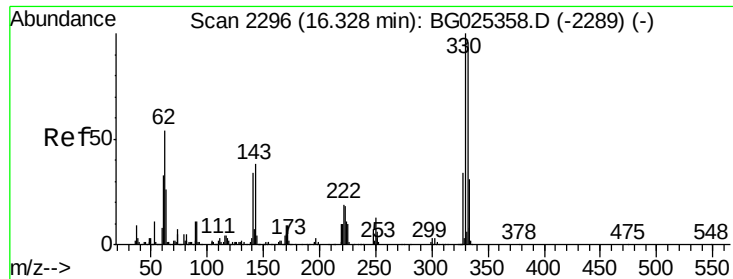


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

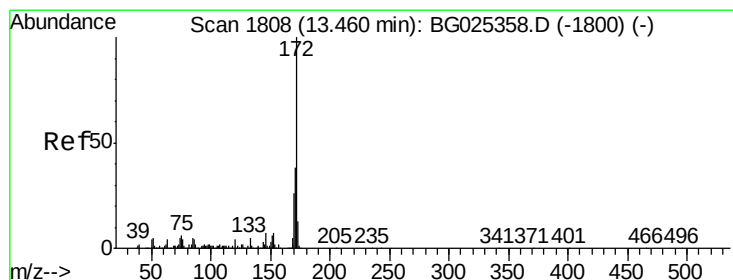
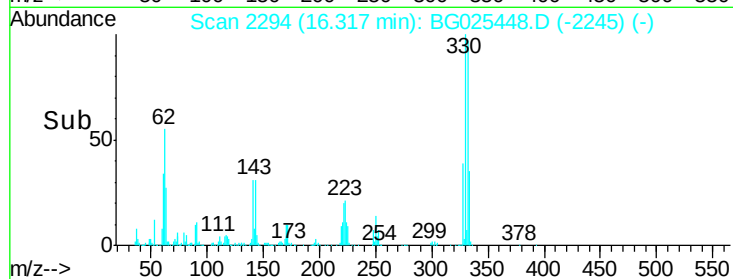
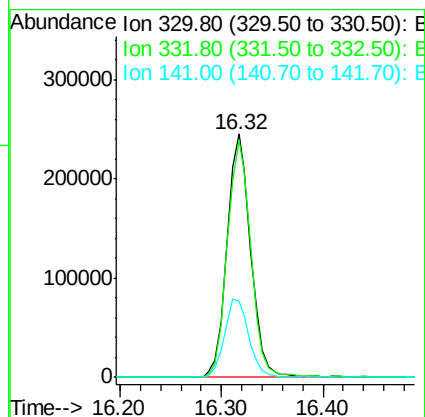
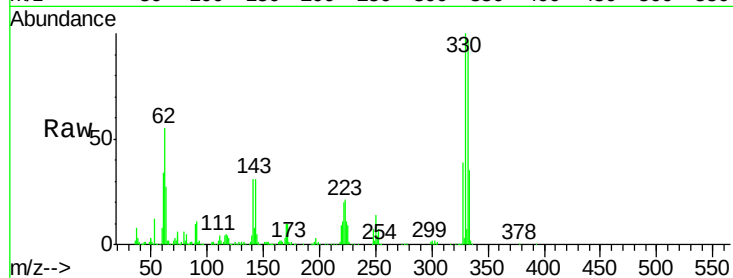




#41
2,4,6-Tribromophenol
Concen: 131.93 ng
RT: 16.32 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG025448.D
Acq: 10 Jan 2017 2:39

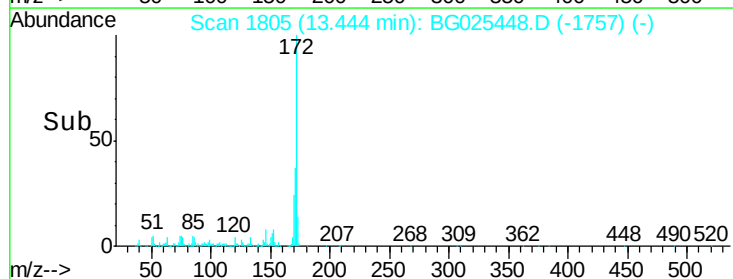
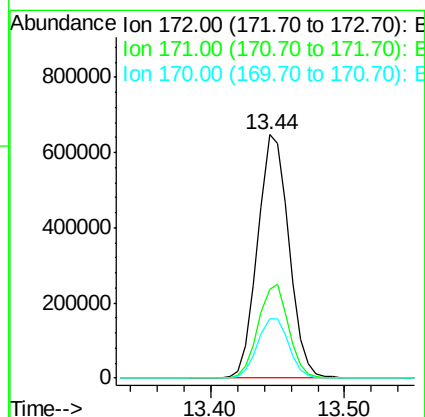
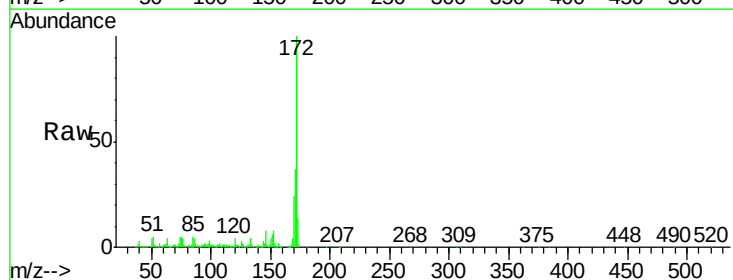
Instrument :
BNA_G
ClientSampleId :
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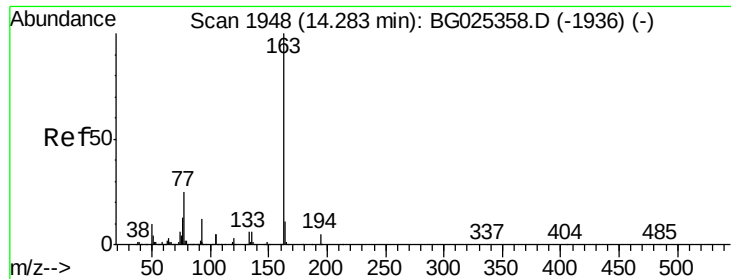
Tgt Ion:330 Resp: 396945
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 32.9 32.1 48.1



#44
2-Fluorobiphenyl
Concen: 90.67 ng
RT: 13.44 min Scan# 1805
Delta R.T. -0.02 min
Lab File: BG025448.D
Acq: 10 Jan 2017 2:39

Tgt Ion:172 Resp: 1046593
Ion Ratio Lower Upper
172 100
171 36.6 32.2 48.2
170 24.2 21.8 32.6





#49

Dimethylphthalate

Concen: 5.04 ng

RT: 14.28 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BG025448.D

Acq: 10 Jan 2017 2:39

Instrument :

BNA_G

ClientSampleId :

W-20

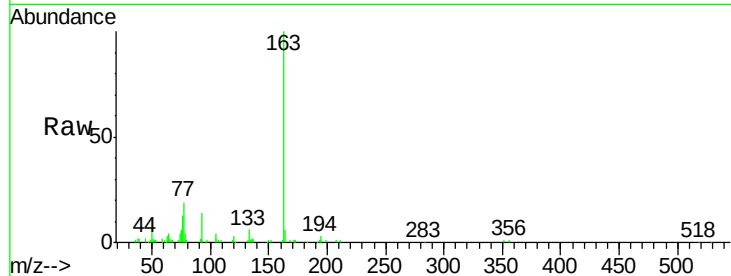
Tgt Ion:163 Resp: 68673

Ion Ratio Lower Upper

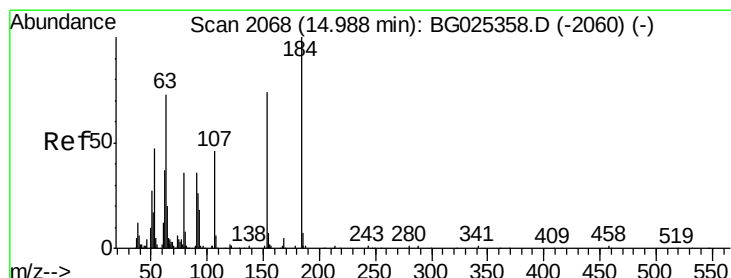
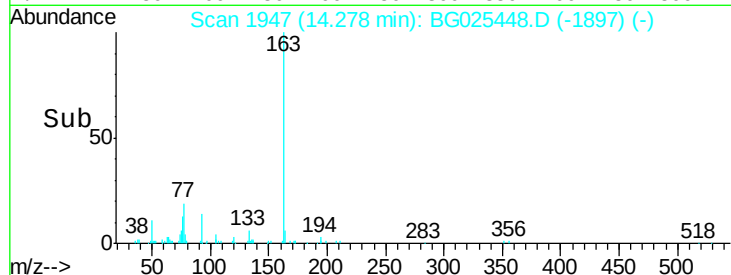
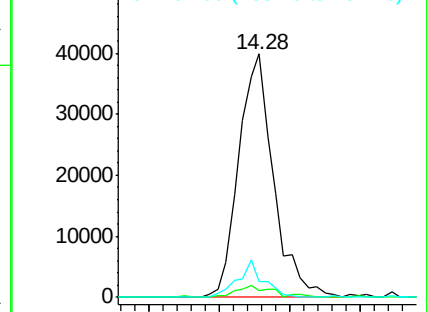
163 100

194 2.8 3.8 5.6#

164 6.4 9.3 13.9#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 5.11 ng

RT: 14.89 min Scan# 2051

Delta R.T. -0.10 min

Lab File: BG025448.D

Acq: 10 Jan 2017 2:39

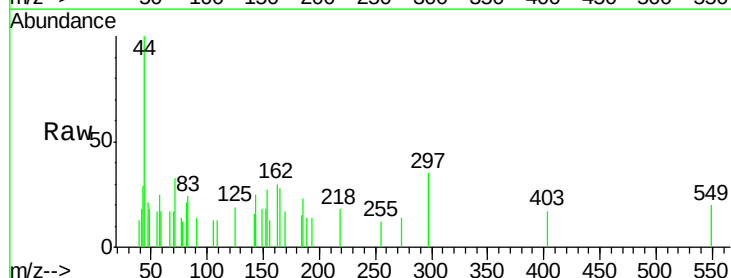
Tgt Ion:184 Resp: 65

Ion Ratio Lower Upper

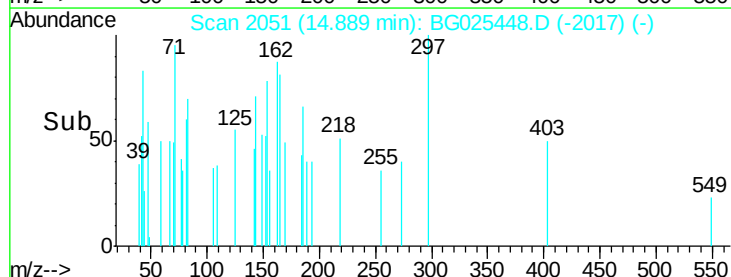
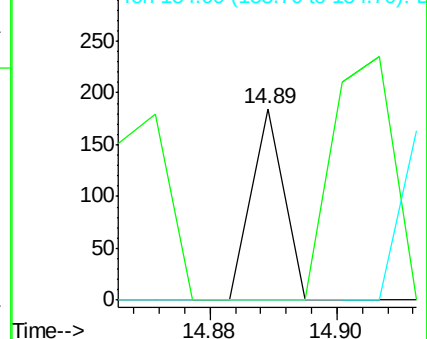
184 100

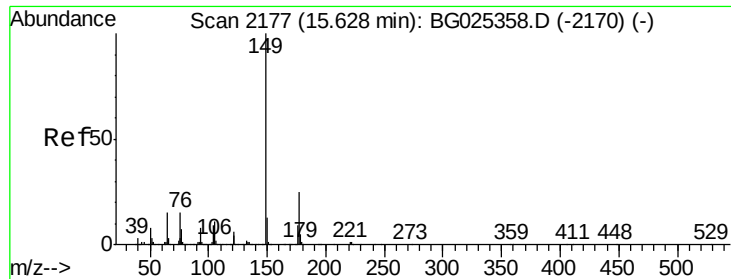
63 0.0 52.7 79.1#

154 0.0 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E





#59

Diethylphthalate

Concen: 2.34 ng

RT: 15.62 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG025448.D

Acq: 10 Jan 2017 2:39

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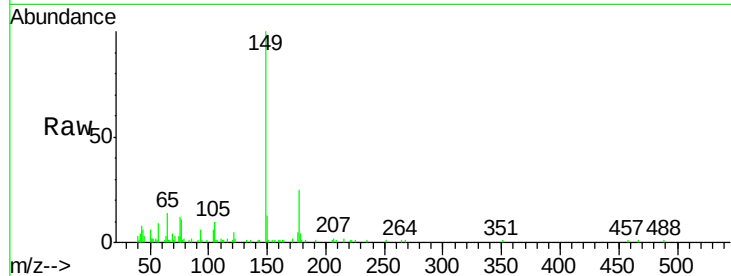
Tgt Ion:149 Resp: 33458

Ion Ratio Lower Upper

149 100

177 25.5 20.1 30.1

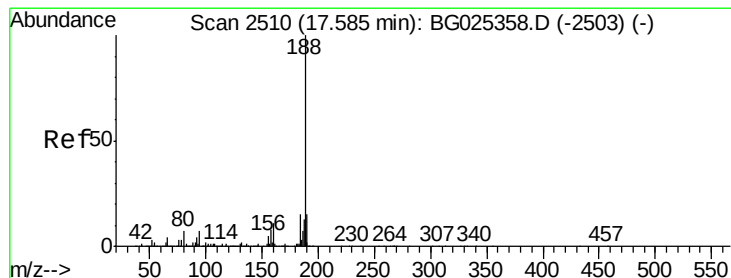
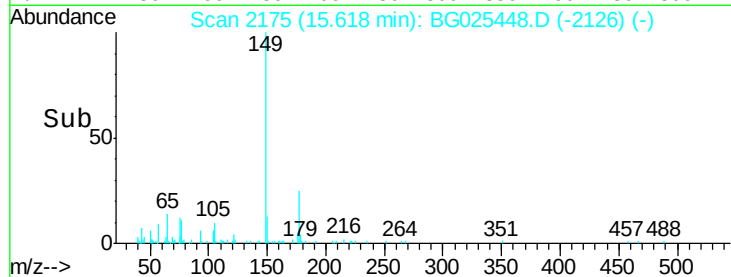
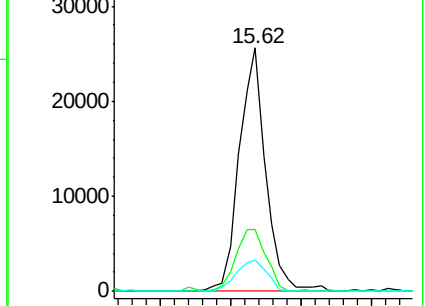
150 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG025448.D

Acq: 10 Jan 2017 2:39

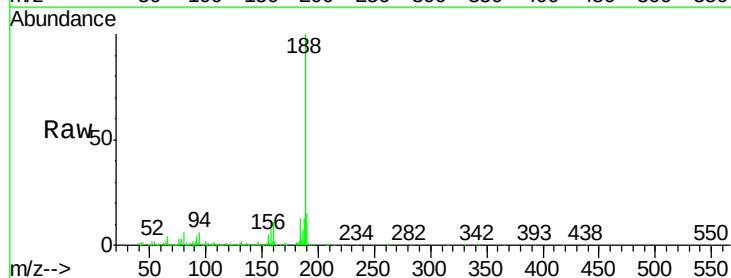
Tgt Ion:188 Resp: 412749

Ion Ratio Lower Upper

188 100

94 5.6 5.8 8.8#

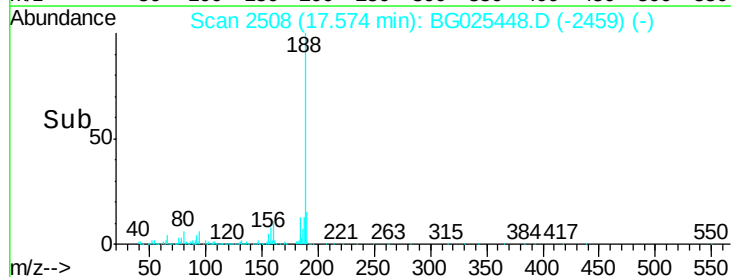
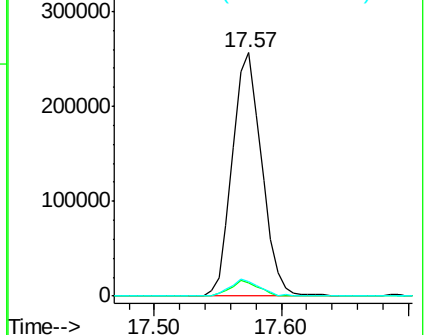
80 6.2 7.5 11.3#

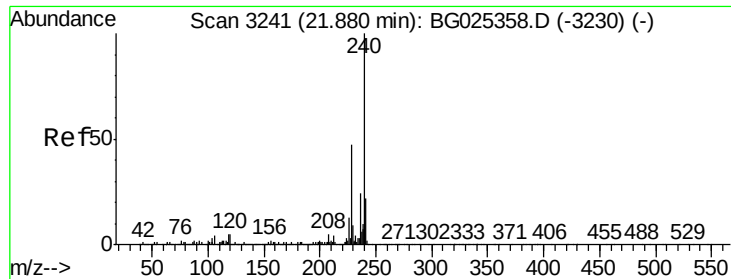


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. -0.02 min

Lab File: BG025448.D

Acq: 10 Jan 2017 2:39

Instrument :

BNA_G

ClientSampleId :

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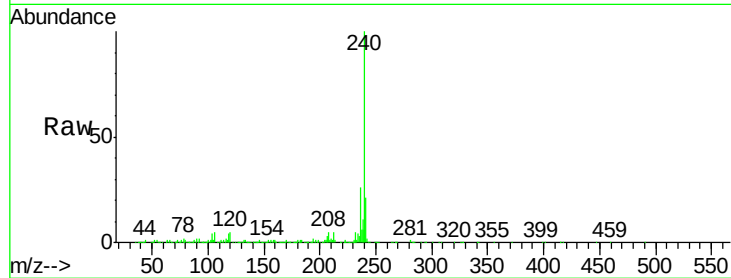
Tgt Ion:240 Resp: 605479

Ion Ratio Lower Upper

240 100

120 4.6 5.7 8.5#

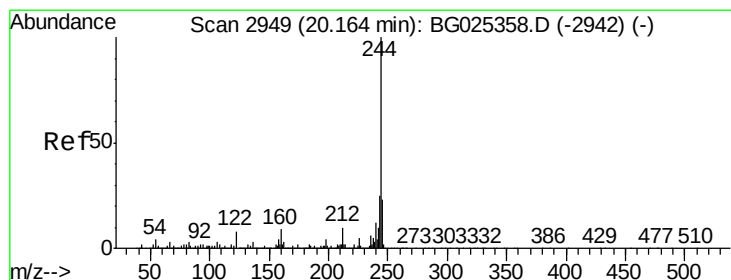
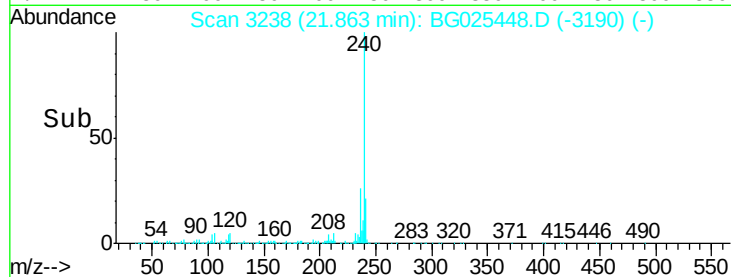
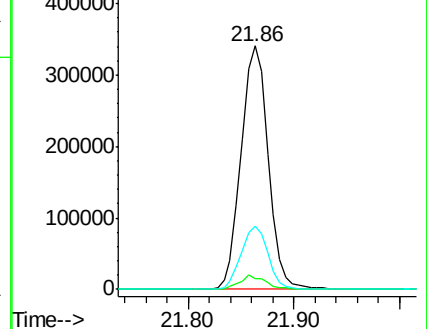
236 25.8 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 88.76 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG025448.D

Acq: 10 Jan 2017 2:39

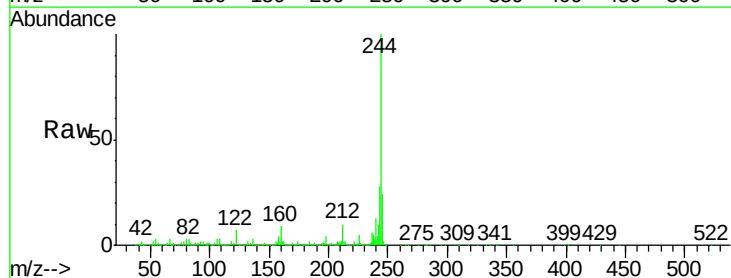
Tgt Ion:244 Resp: 2026962

Ion Ratio Lower Upper

244 100

212 9.8 10.0 15.0#

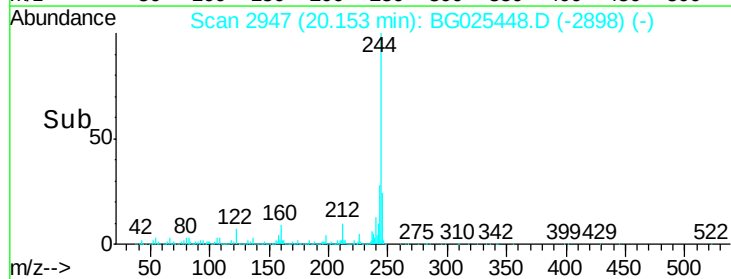
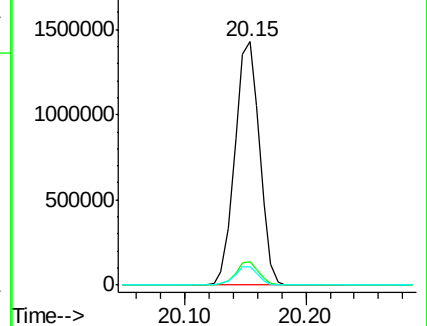
122 7.4 8.6 12.8#

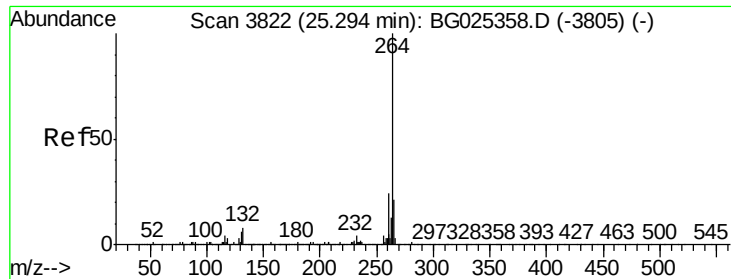


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.26 min Scan# 3816
Delta R.T. -0.03 min
Lab File: BG025448.D
Acq: 10 Jan 2017 2:39

Instrument :
BNA_G
ClientSampleId :
W-20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	21.8	32.8
265	22.5	18.2	27.4

