

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011217\
 Data File : BG025488.D
 Acq On : 12 Jan 2017 18:54
 Operator : UM/SJ
 Sample : I1030-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-0014

Quant Time: Jan 13 00:47:48 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

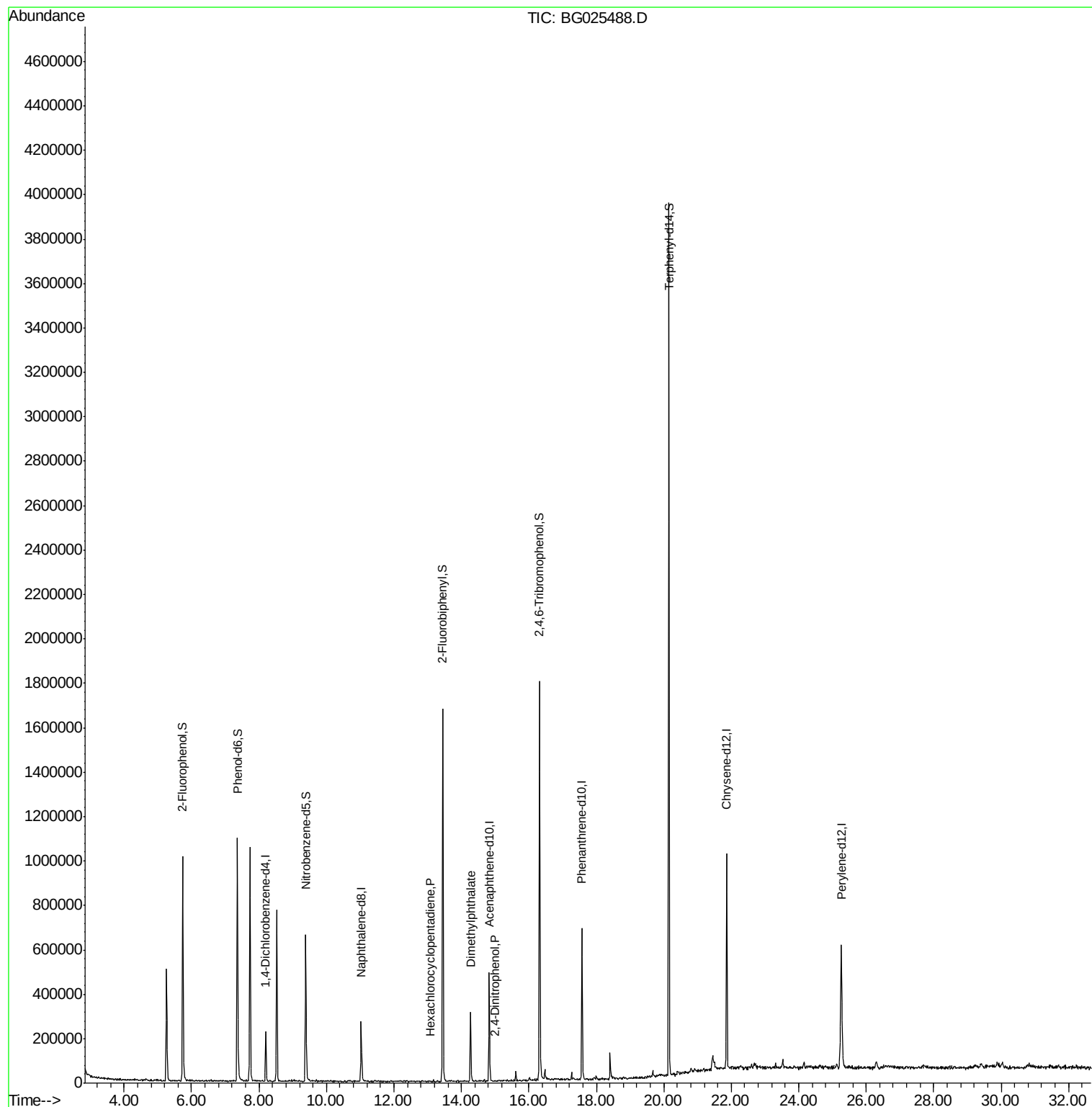
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	59053	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	234555	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	187068	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	433146	20.00	ng	0.00
75) Chrysene-d12	21.86	240	648649	20.00	ng	0.00
86) Perylene-d12	25.26	264	683865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	417952	128.65	ng	0.00
7) Phenol-d6	7.36	99	598978	130.91	ng	0.00
23) Nitrobenzene-d5	9.38	82	433082	81.57	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	366500	121.69	ng	0.00
44) 2-Fluorobiphenyl	13.44	172	883837	76.49	ng	0.00
78) Terphenyl-d14	20.15	244	1719158	70.27	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	13.06	237	61	8.53	ng	# 29
49) Dimethylphthalate	14.27	163	221066	16.21	ng	98
53) 2,4-Dinitrophenol	15.00	184	74	5.11	ng	# 15

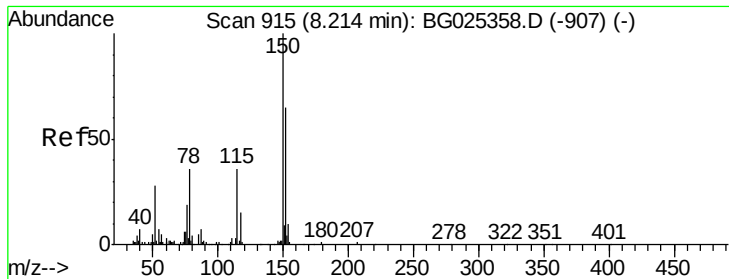
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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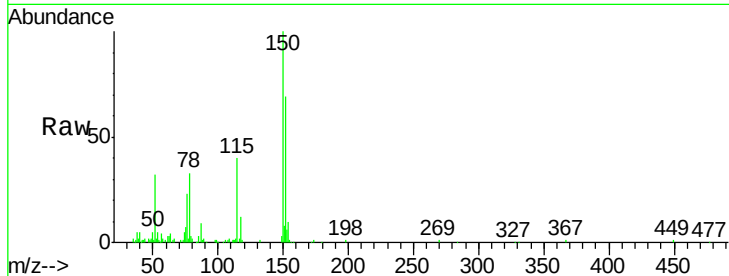


#1

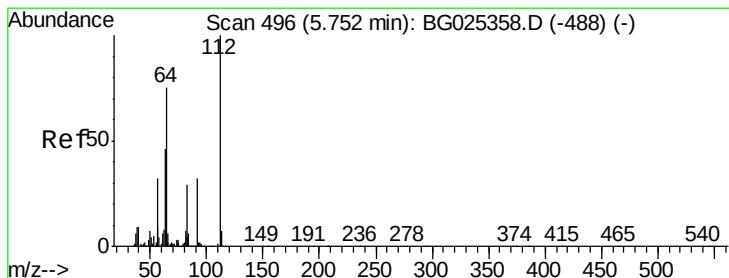
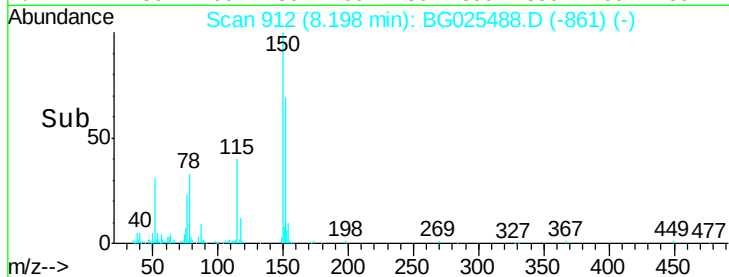
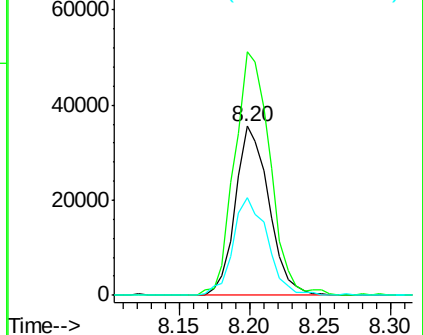
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.20 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BG025488.D
 Acq: 12 Jan 2017 18:54

Instrument :
 BNA_G
 ClientSampleId :
 COMP-0014

Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.2	114.0	171.0
115	57.9	48.1	72.1



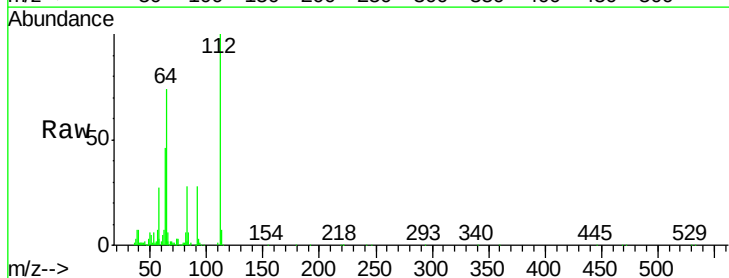
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



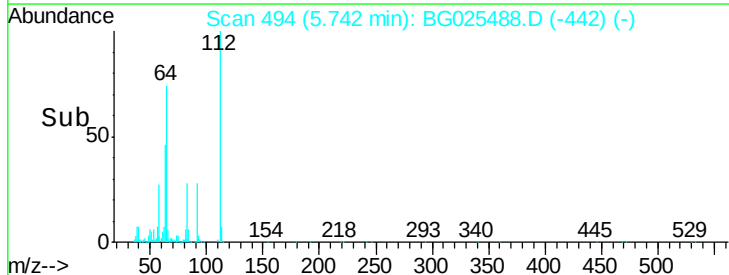
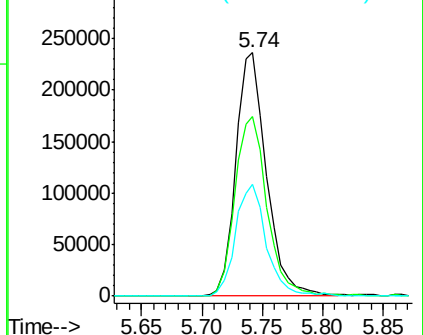
#5

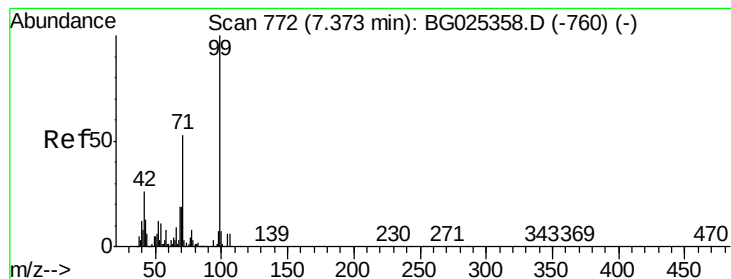
2-Fluorophenol
 Concen: 128.65 ng
 RT: 5.74 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: BG025488.D
 Acq: 12 Jan 2017 18:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.6	61.8	92.6
63	45.7	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: 130.91 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG025488.D

Acq: 12 Jan 2017 18:54

Instrument :

BNA_G

ClientSampleId :

COMP-0014

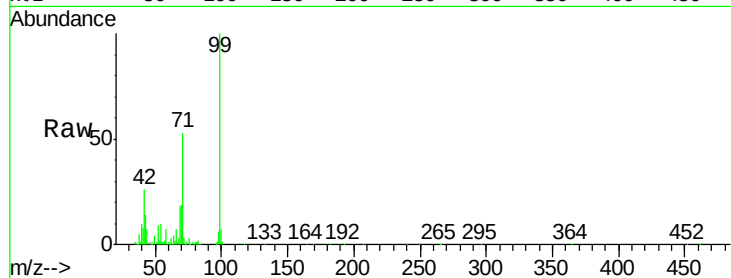
Tgt Ion: 99 Resp: 598978

Ion Ratio Lower Upper

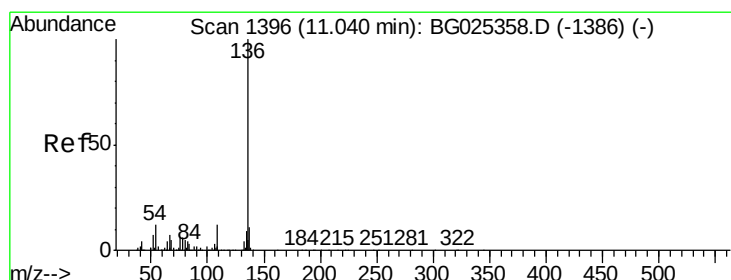
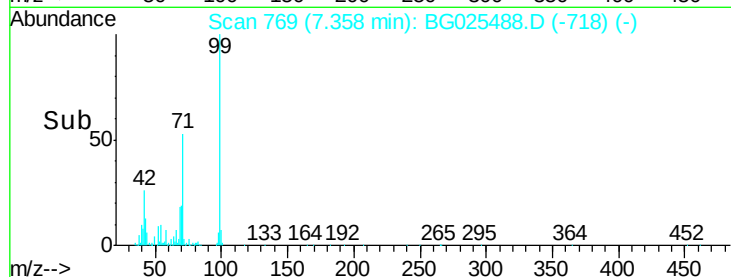
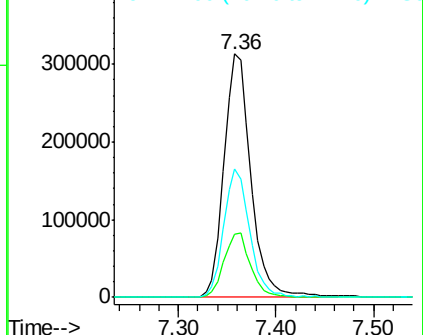
99 100

42 26.0 20.5 30.7

71 52.5 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BG025488.D

Acq: 12 Jan 2017 18:54

Tgt Ion: 136 Resp: 234555

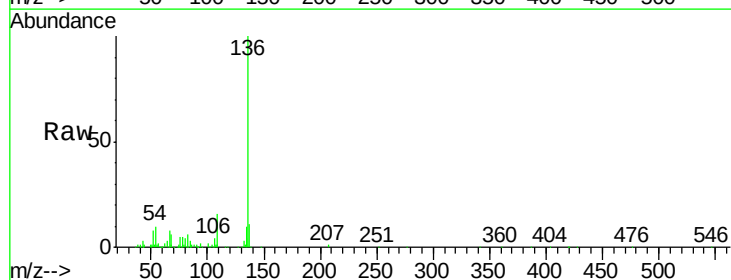
Ion Ratio Lower Upper

136 100

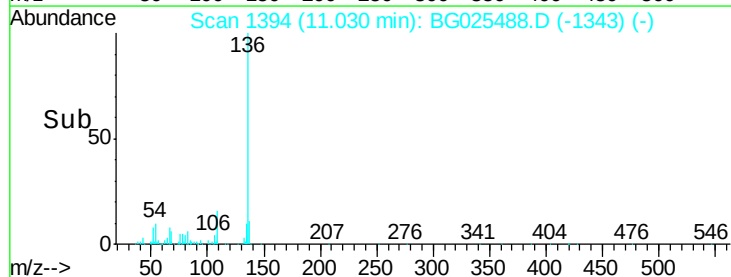
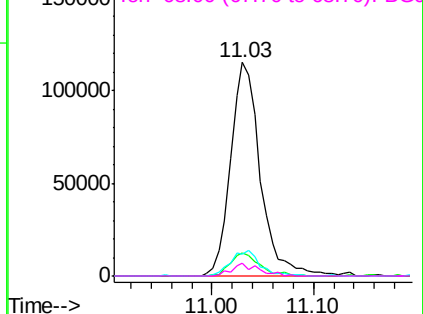
137 10.7 8.9 13.3

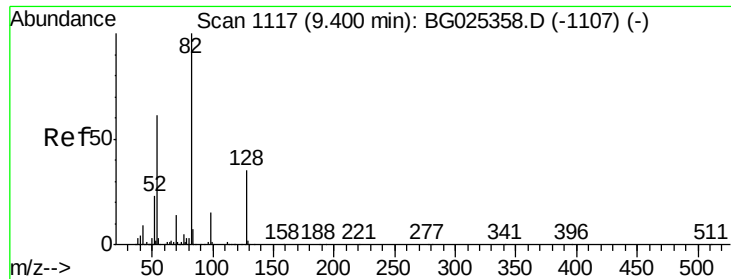
54 10.1 9.3 13.9

68 6.2 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 81.57 ng

RT: 9.38 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BG025488.D

Acq: 12 Jan 2017 18:54

Instrument :

BNA_G

ClientSampleId :

COMP-0014

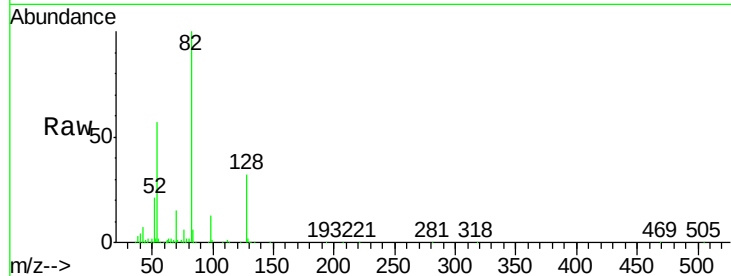
Tgt Ion: 82 Resp: 433082

Ion Ratio Lower Upper

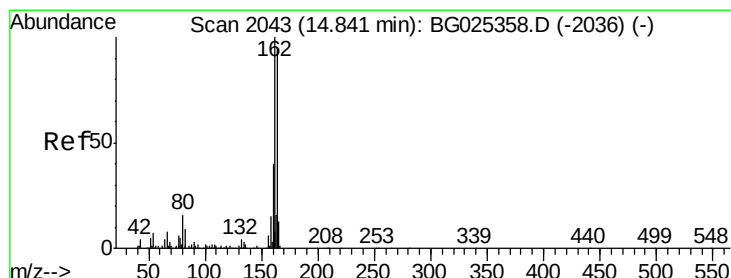
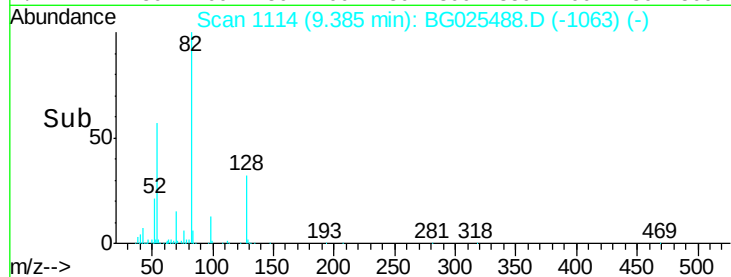
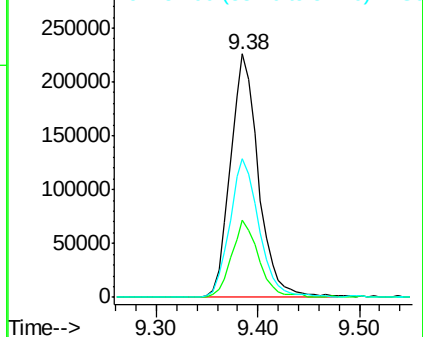
82 100

128 31.9 26.4 39.6

54 57.1 49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BG025488.D

Acq: 12 Jan 2017 18:54

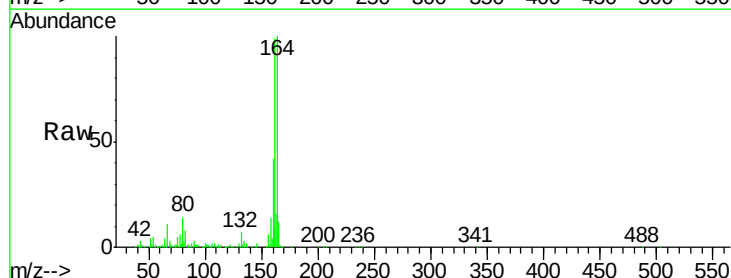
Tgt Ion: 164 Resp: 187068

Ion Ratio Lower Upper

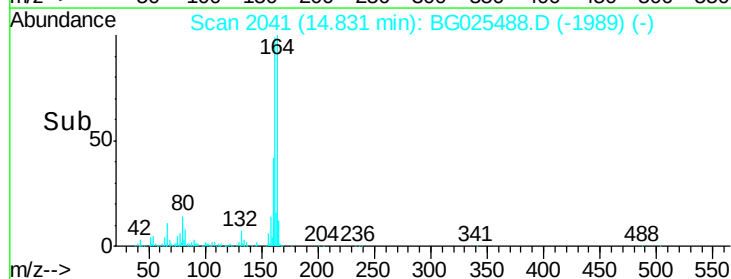
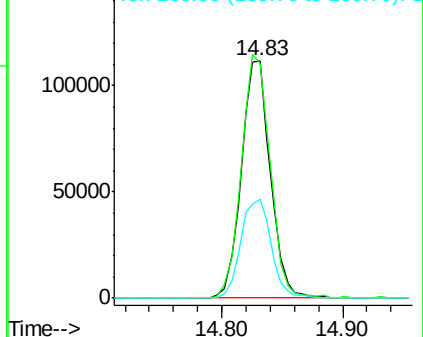
164 100

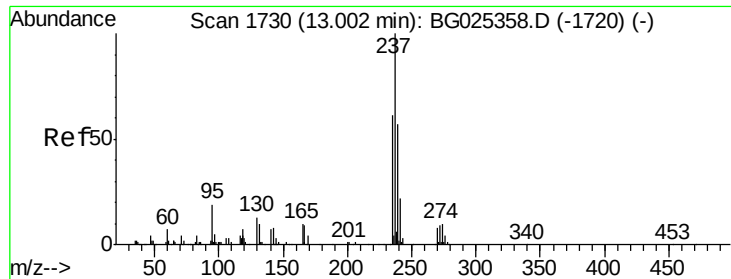
162 99.0 85.1 127.7

160 41.9 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

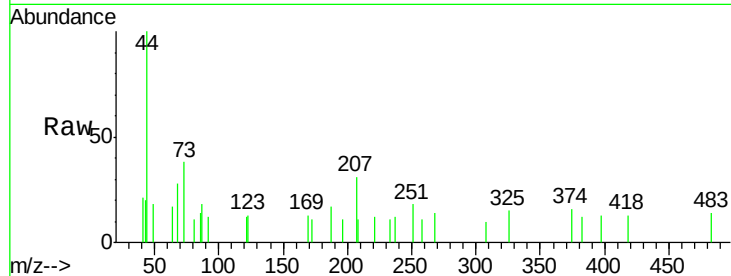




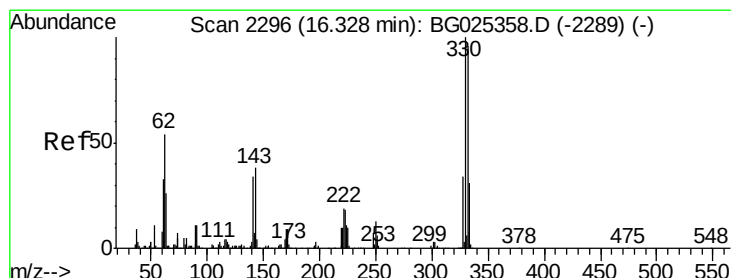
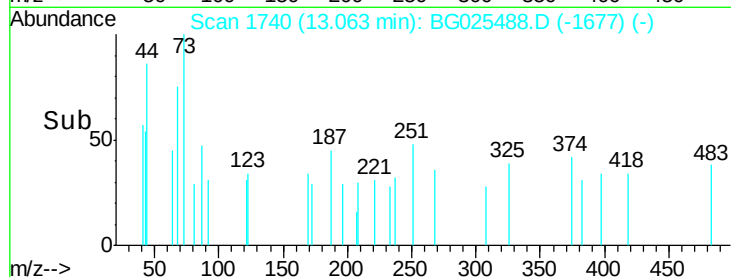
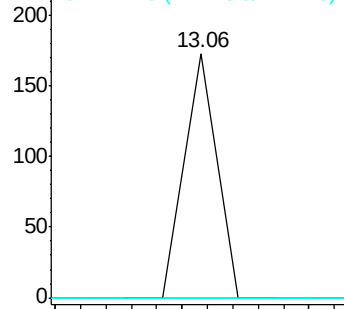
#40
Hexachlorocyclopentadiene
Concen: 8.53 ng
RT: 13.06 min Scan# 1740
Delta R.T. 0.07 min
Lab File: BG025488.D
Acq: 12 Jan 2017 18:54

Instrument :
BNA_G
ClientSampleId :
COMP-0014

Tgt Ion: 237 Resp: 61
Ion Ratio Lower Upper
237 100
235 0.0 39.4 79.4#
272 0.0 0.0 32.0

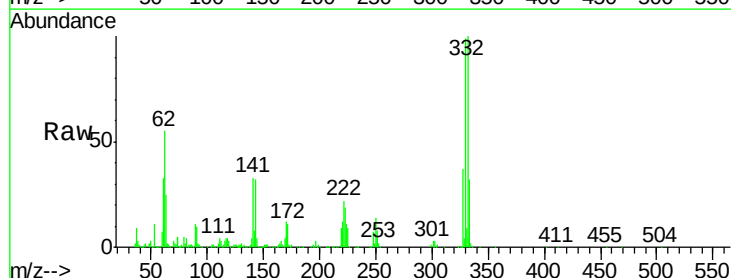


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

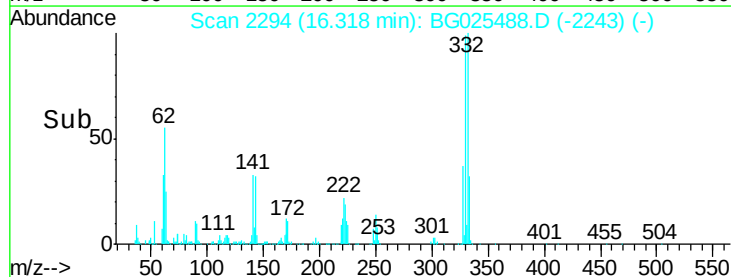
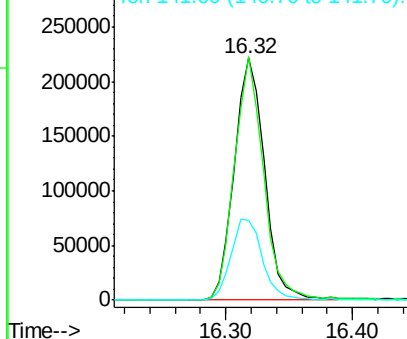


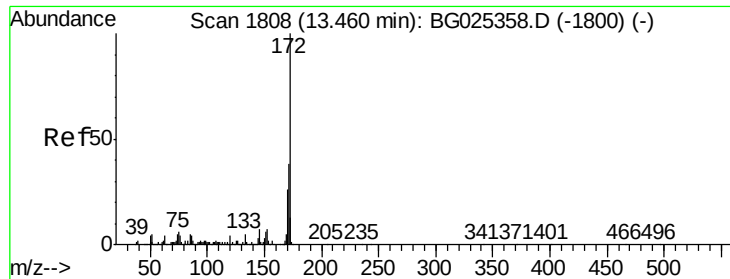
#41
2,4,6-Tribromophenol
Concen: 121.69 ng
RT: 16.32 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG025488.D
Acq: 12 Jan 2017 18:54

Tgt Ion: 330 Resp: 366500
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 34.5 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

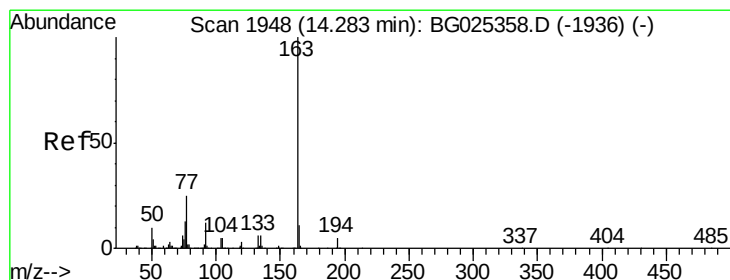
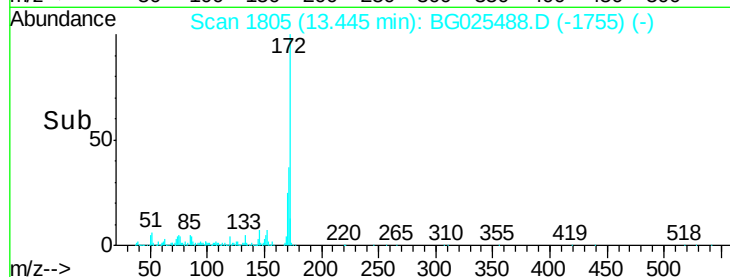
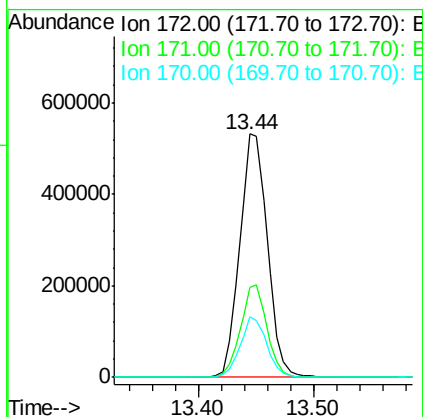
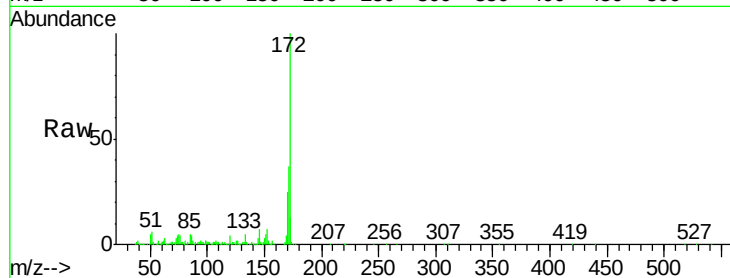




#44
2-Fluorobiphenyl
Concen: 76.49 ng
RT: 13.44 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG025488.D
Acq: 12 Jan 2017 18:54

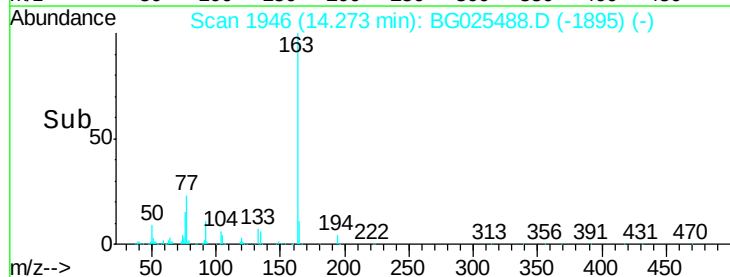
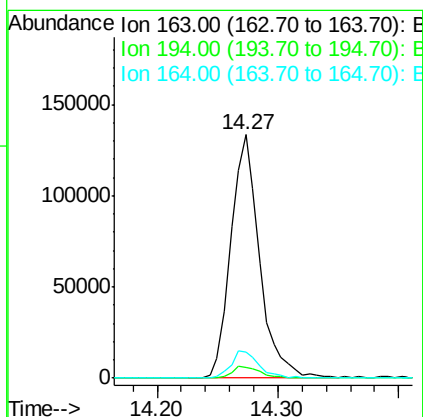
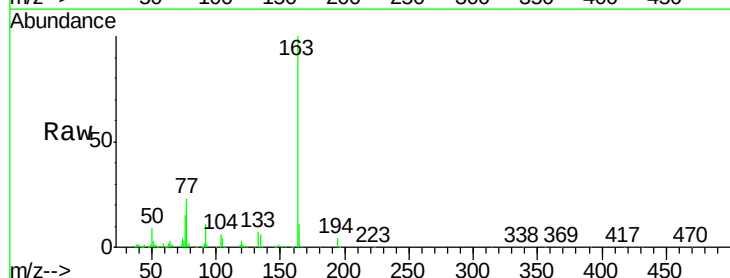
Instrument :
BNA_G
ClientSampleId :
COMP-0014

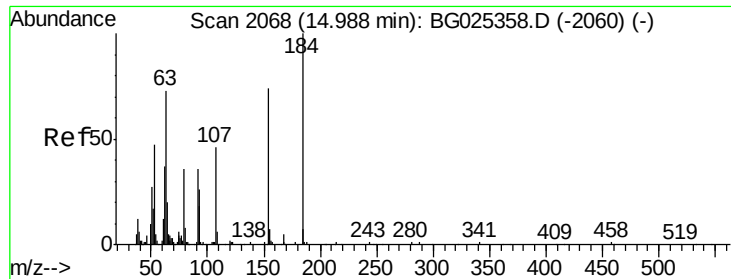
Tgt Ion:172 Resp: 883837
Ion Ratio Lower Upper
172 100
171 37.0 32.2 48.2
170 25.0 21.8 32.6



#49
Dimethylphthalate
Concen: 16.21 ng
RT: 14.27 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG025488.D
Acq: 12 Jan 2017 18:54

Tgt Ion:163 Resp: 221066
Ion Ratio Lower Upper
163 100
194 4.3 3.8 5.6
164 10.8 9.3 13.9

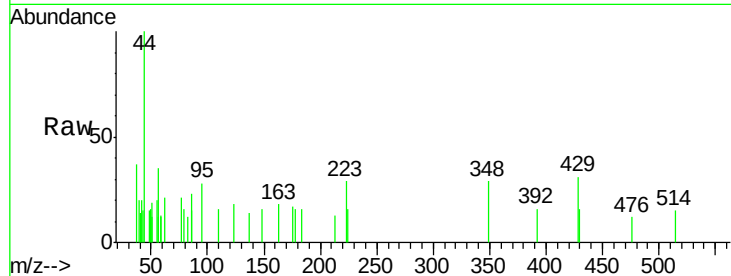




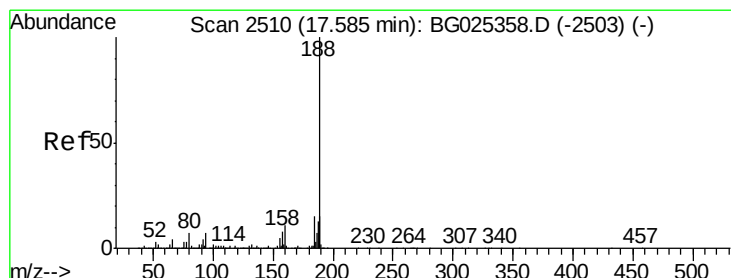
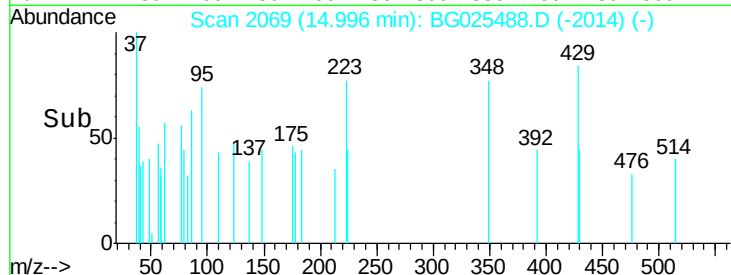
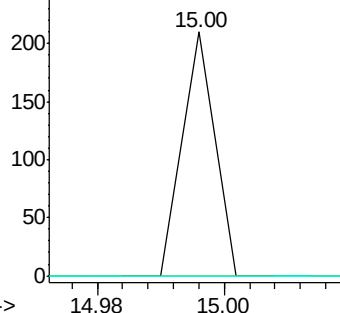
#53
2,4-Dinitrophenol
Concen: 5.11 ng
RT: 15.00 min Scan# 2069
Delta R.T. 0.02 min
Lab File: BG025488.D
Acq: 12 Jan 2017 18:54

Instrument :
BNA_G
ClientSampleId :
COMP-0014

Tgt Ion:184 Resp: 74
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#

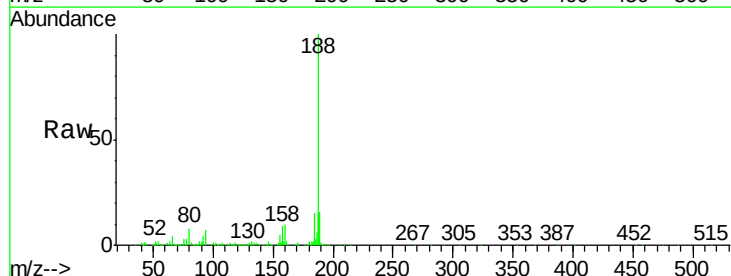


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

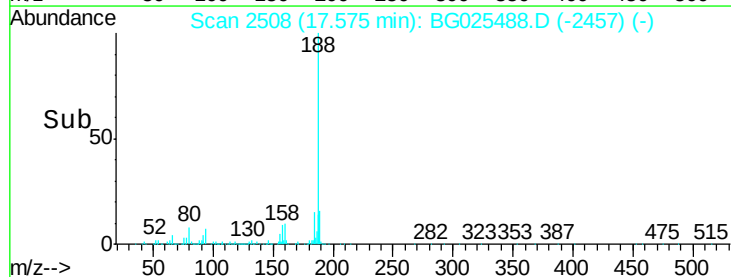
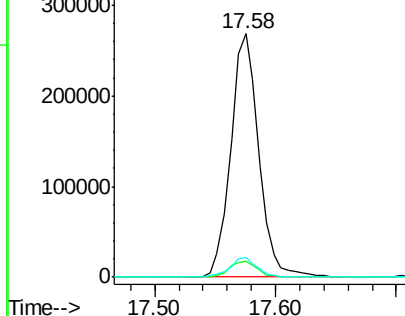


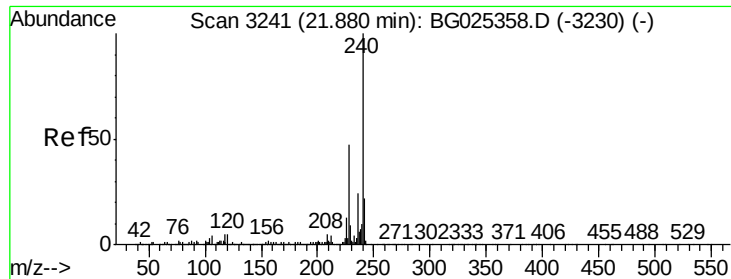
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG025488.D
Acq: 12 Jan 2017 18:54

Tgt Ion:188 Resp: 433146
Ion Ratio Lower Upper
188 100
94 6.6 5.8 8.8
80 7.9 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. 0.00 min

Lab File: BG025488.D

Acq: 12 Jan 2017 18:54

Instrument :

BNA_G

ClientSampleId :

COMP-0014

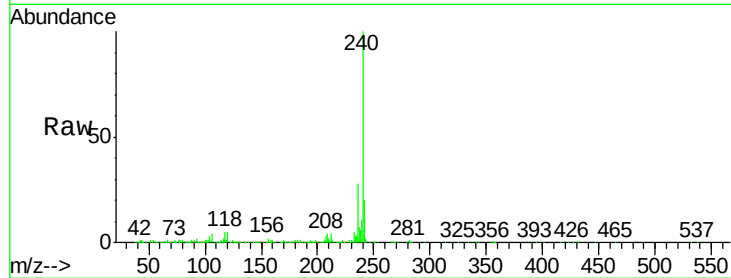
Tgt Ion:240 Resp: 648649

Ion Ratio Lower Upper

240 100

120 5.0 5.7 8.5#

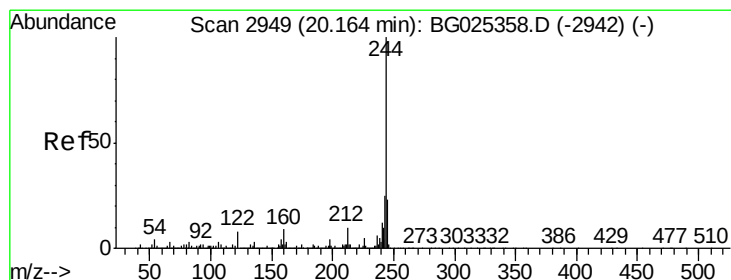
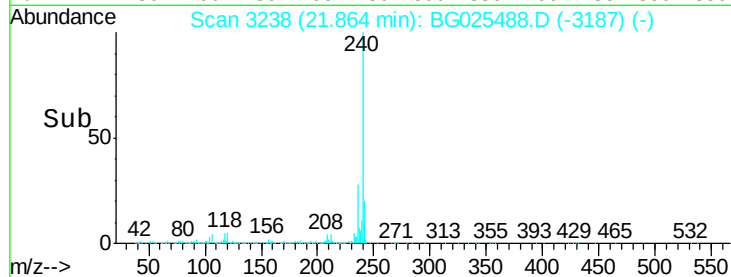
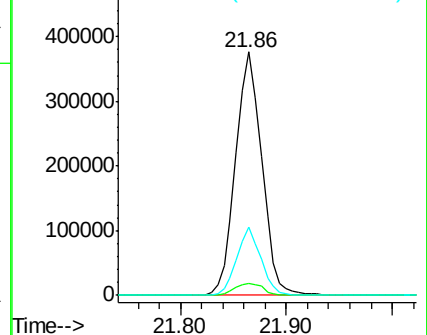
236 28.1 22.2 33.4



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: 70.27 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BG025488.D

Acq: 12 Jan 2017 18:54

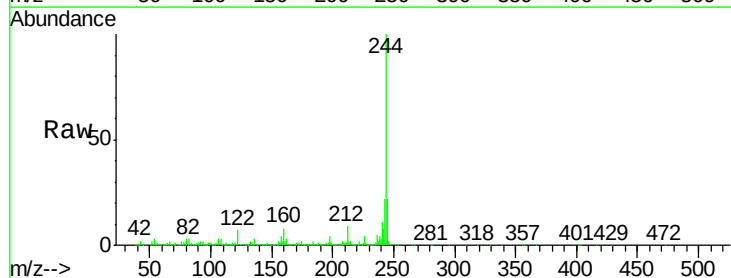
Tgt Ion:244 Resp: 1719158

Ion Ratio Lower Upper

244 100

212 8.6 10.0 15.0#

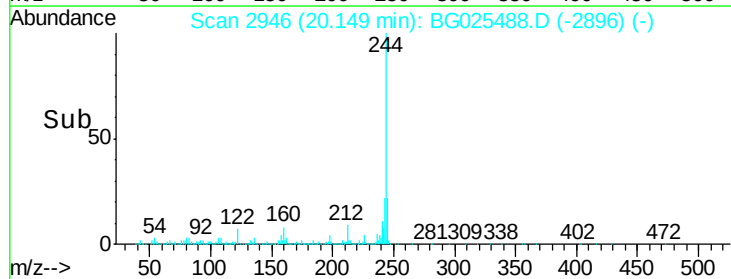
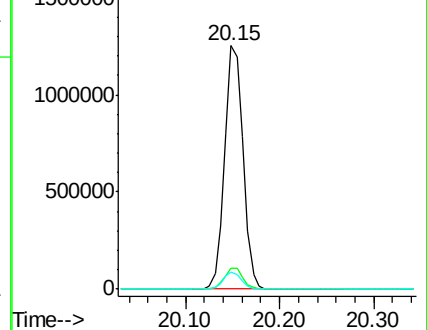
122 7.0 8.6 12.8#

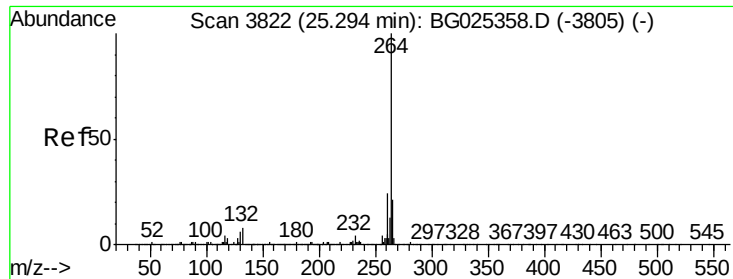


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.00 min
Lab File: BG025488.D
Acq: 12 Jan 2017 18:54

Instrument :
BNA_G
ClientSampleId :
COMP-0014

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.8	21.8	32.8
265	22.0	18.2	27.4

