

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011017\
 Data File : BG025463.D
 Acq On : 10 Jan 2017 22:20
 Operator : UM/SJ
 Sample : I1079-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 USDOT-617122-COMP-0-2

Quant Time: Jan 10 23:07:04 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

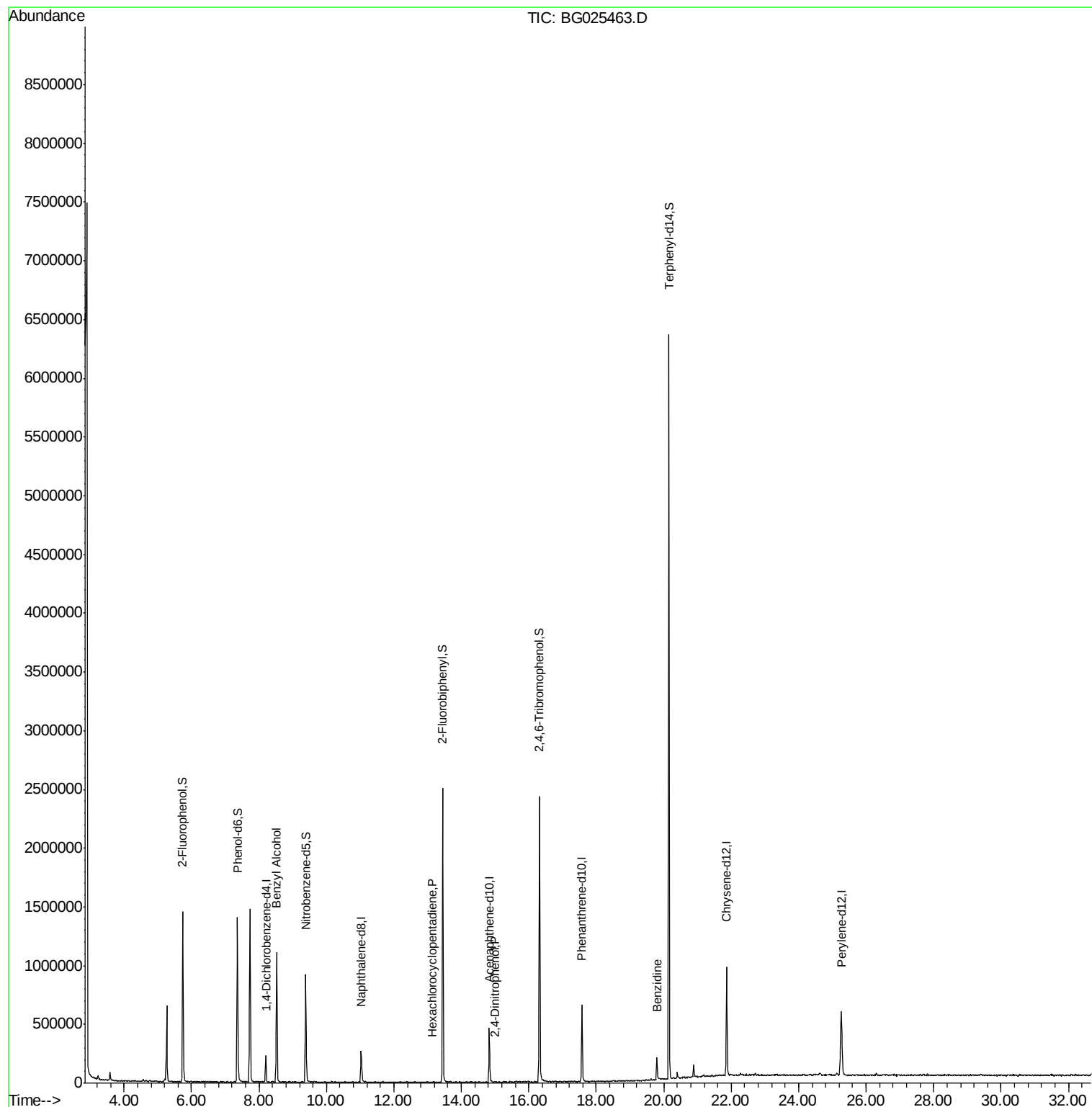
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	57856	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	229285	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	183640	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	443198	20.00	ng	0.00
75) Chrysene-d12	21.86	240	661579	20.00	ng	0.00
86) Perylene-d12	25.26	264	693097	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	554220	174.12	ng	0.00
7) Phenol-d6	7.36	99	744718	166.13	ng	0.00
23) Nitrobenzene-d5	9.38	82	598823	115.38	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	496248	167.85	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1276374	112.53	ng	0.00
78) Terphenyl-d14	20.15	244	2496613	100.06	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.53	79	10821	2.53	ng	# 59
40) Hexachlorocyclopentadiene	13.15	237	56	8.53	ng	# 29
53) 2,4-Dinitrophenol	15.01	184	56	5.11	ng	# 32
76) Benzidine	19.79	184	135651	8.22	ng	94

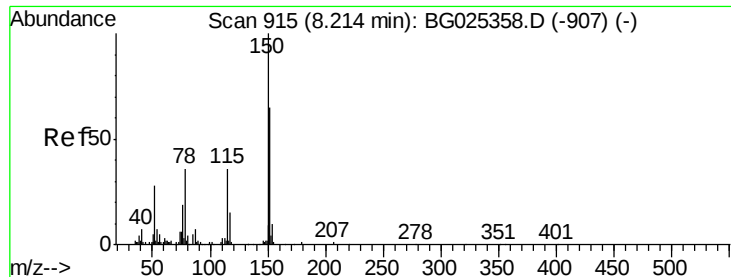
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG025463.D

Acq: 10 Jan 2017 22:20

Instrument :

BNA_G

ClientSampleId :

USDOT-617122-COMP-0-2

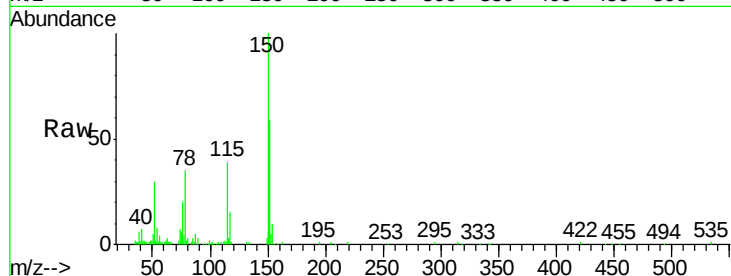
Tgt Ion:152 Resp: 57856

Ion Ratio Lower Upper

152 100

150 169.4 114.0 171.0

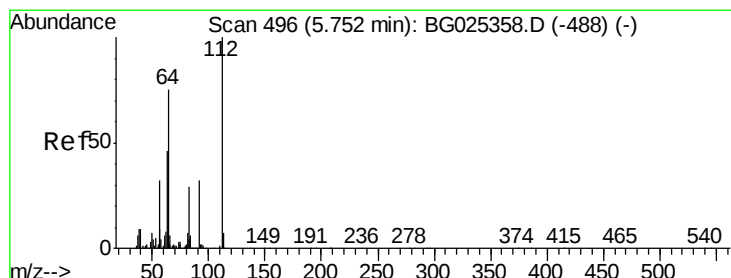
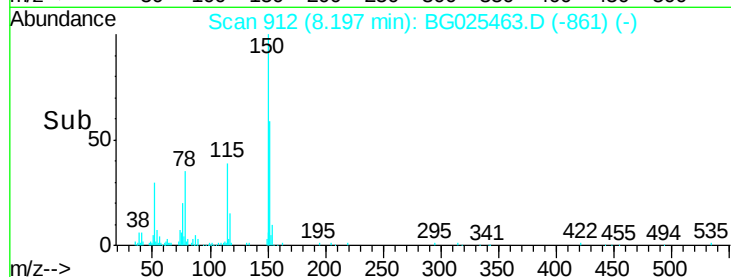
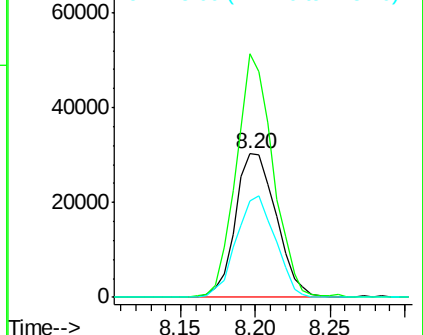
115 66.7 48.1 72.1



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: 174.12 ng

RT: 5.74 min Scan# 494

Delta R.T. 0.01 min

Lab File: BG025463.D

Acq: 10 Jan 2017 22:20

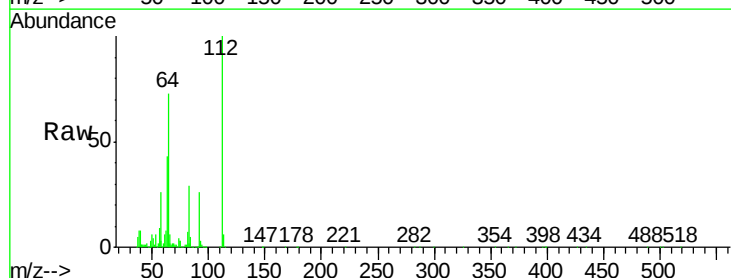
Tgt Ion:112 Resp: 554220

Ion Ratio Lower Upper

112 100

64 73.4 61.8 92.6

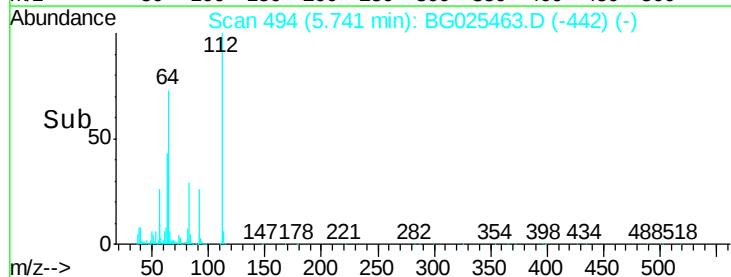
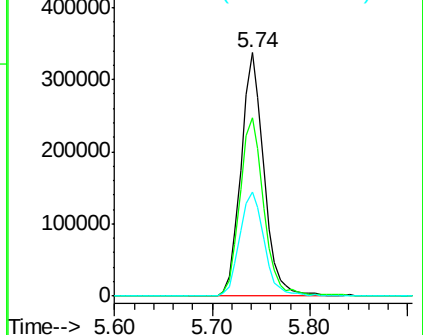
63 42.6 37.2 55.8

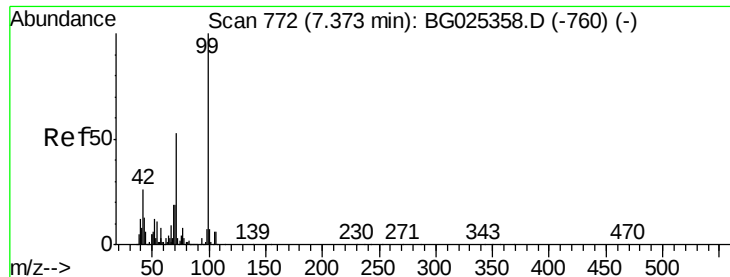


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 166.13 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG025463.D

Acq: 10 Jan 2017 22:20

Instrument :

BNA_G

ClientSampleId :

USDOT-617122-COMP-0-2

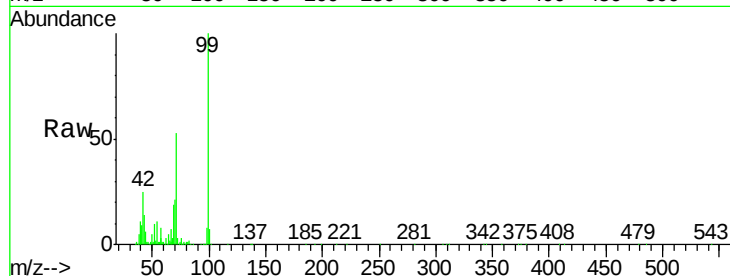
Tgt Ion: 99 Resp: 744718

Ion Ratio Lower Upper

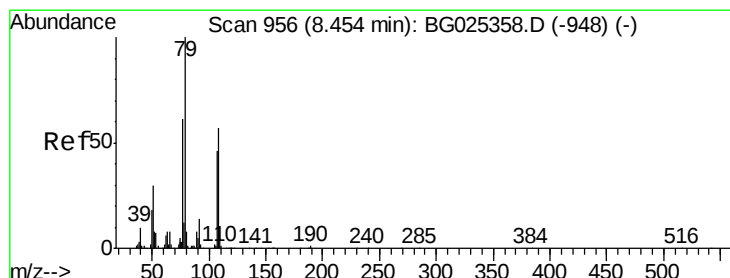
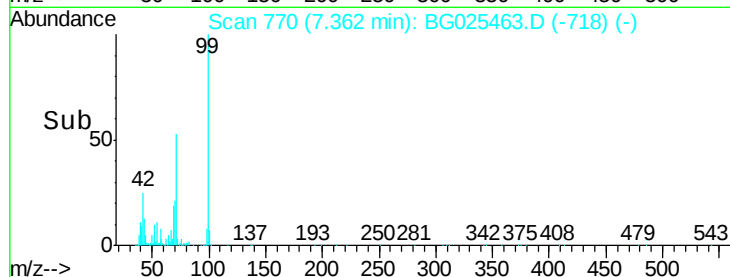
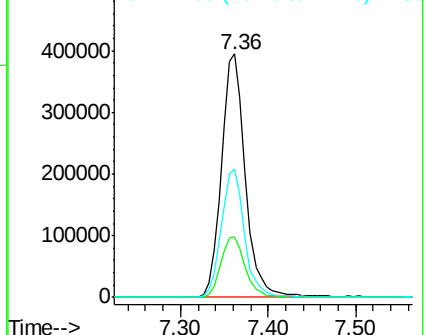
99 100

42 25.1 20.5 30.7

71 52.9 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: 2.53 ng

RT: 8.53 min Scan# 968

Delta R.T. 0.08 min

Lab File: BG025463.D

Acq: 10 Jan 2017 22:20

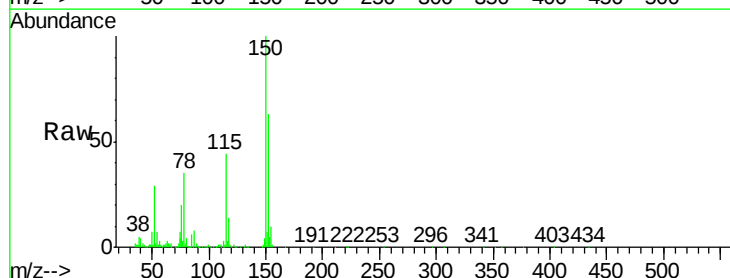
Tgt Ion: 79 Resp: 10821

Ion Ratio Lower Upper

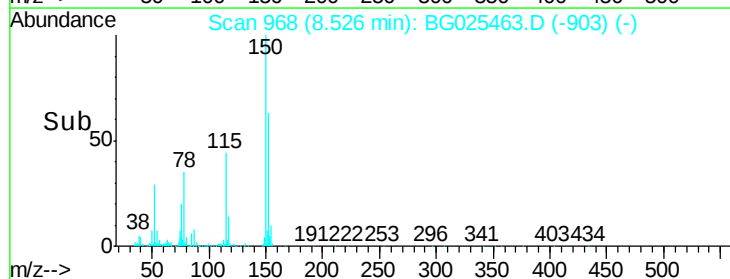
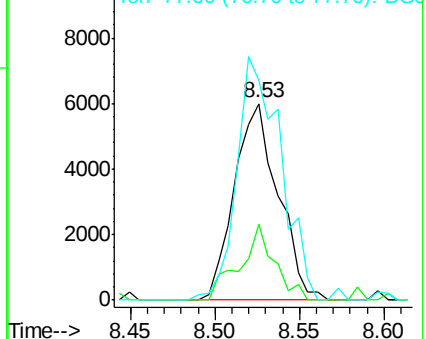
79 100

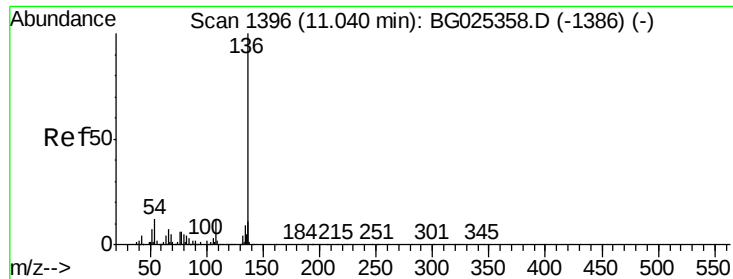
108 38.5 45.5 68.3#

77 111.5 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

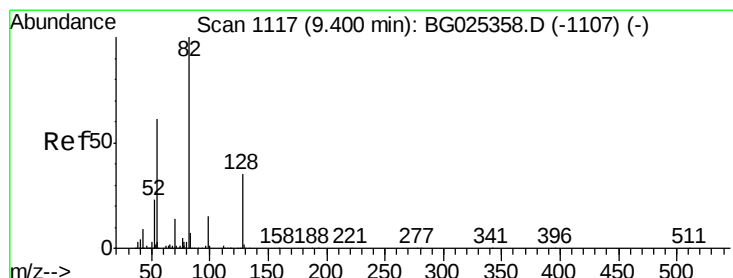
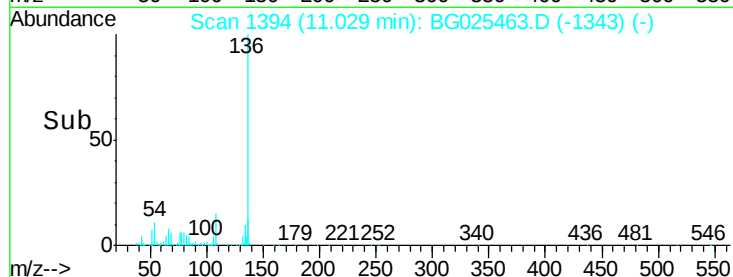
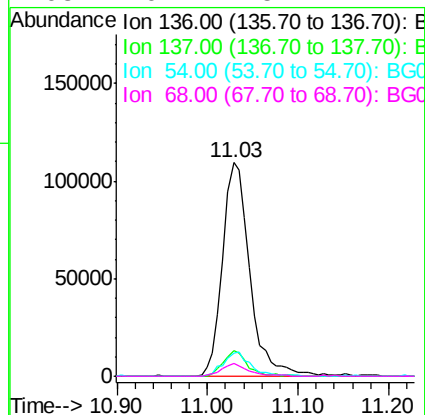
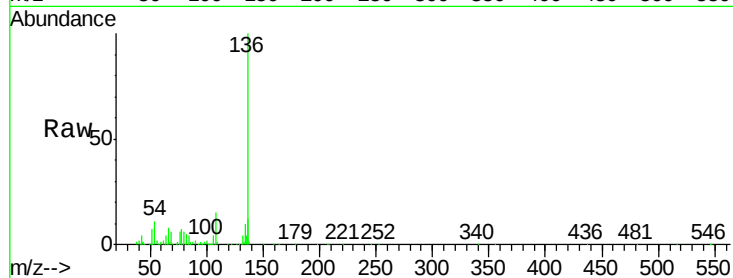




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG025463.D
Acq: 10 Jan 2017 22:20

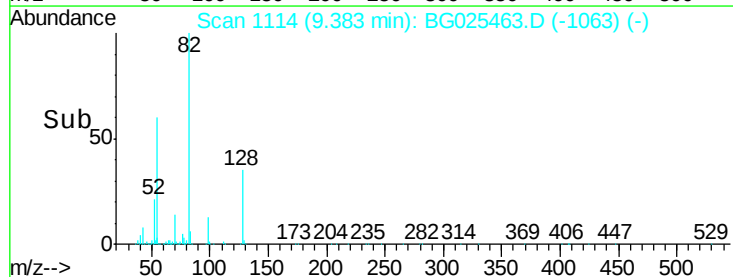
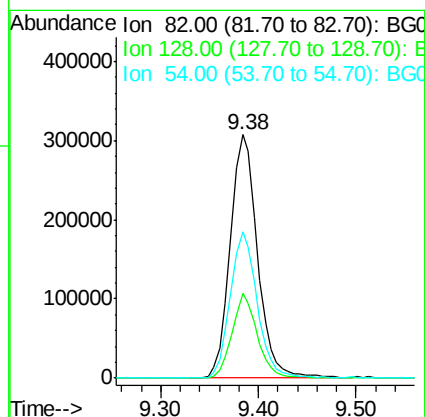
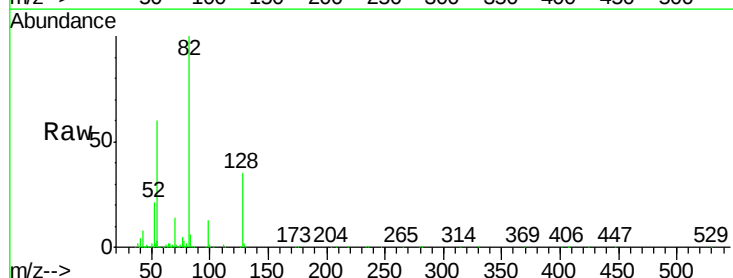
Instrument :
BNA_G
ClientSampleId :
USDOT-617122-COMP-0-2

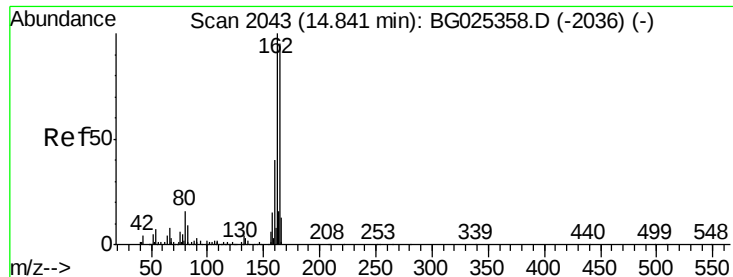
Tgt Ion:	136	Resp:	229285
Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.9	13.3
54	11.0	9.3	13.9
68	6.1	5.1	7.7



#23
Nitrobenzene-d5
Concen: 115.38 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG025463.D
Acq: 10 Jan 2017 22:20

Tgt Ion:	82	Resp:	598823
Ion	Ratio	Lower	Upper
82	100		
128	34.8	26.4	39.6
54	60.0	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: BG025463.D

Acq: 10 Jan 2017 22:20

Instrument :

BNA_G

ClientSampleId :

USDOT-617122-COMP-0-2

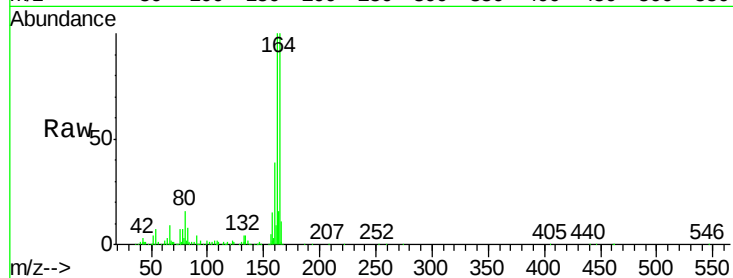
Tgt Ion:164 Resp: 183640

Ion Ratio Lower Upper

164 100

162 100.2 85.1 127.7

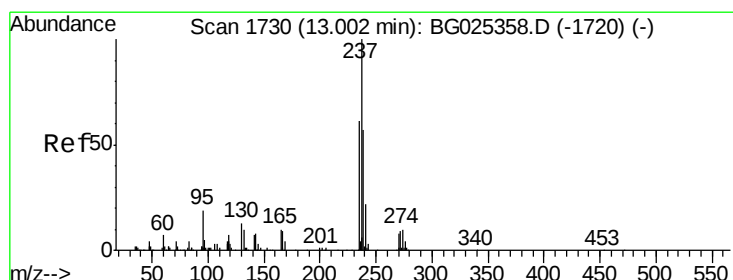
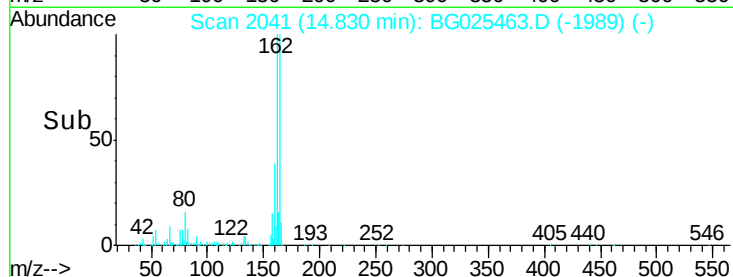
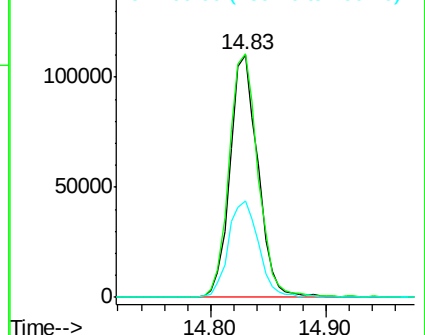
160 39.5 34.7 52.1



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: 8.53 ng

RT: 13.15 min Scan# 1755

Delta R.T. 0.16 min

Lab File: BG025463.D

Acq: 10 Jan 2017 22:20

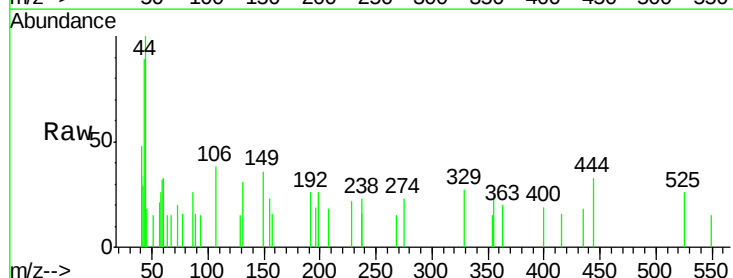
Tgt Ion:237 Resp: 56

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

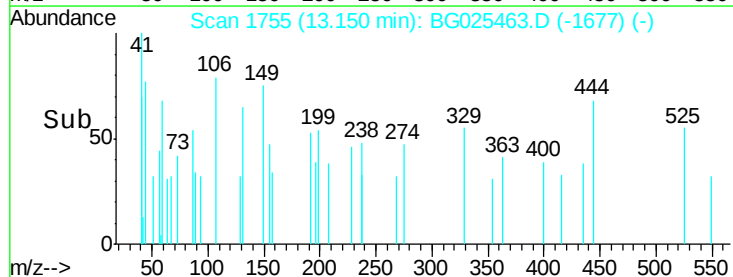
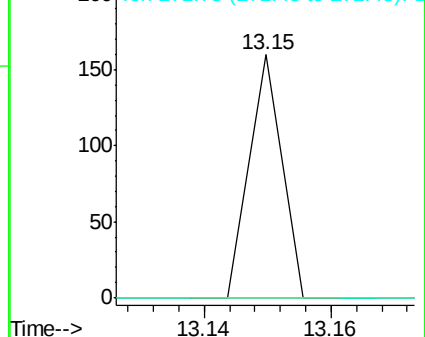
272 0.0 0.0 32.0

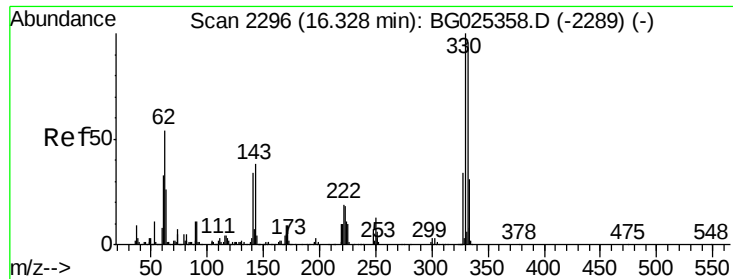


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

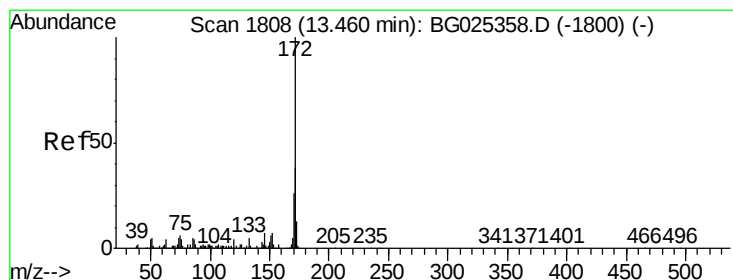
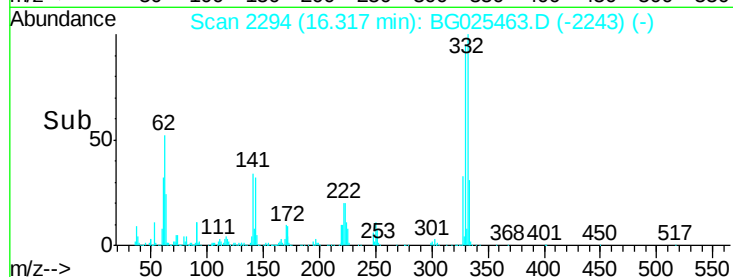
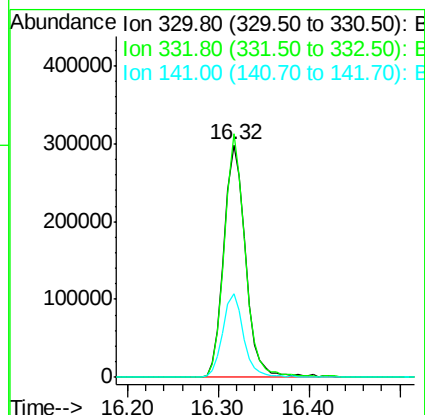
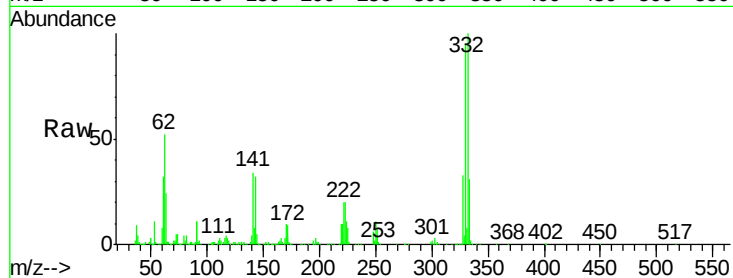




#41
 2,4,6-Tribromophenol
 Concen: 167.85 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: BG025463.D
 Acq: 10 Jan 2017 22:20

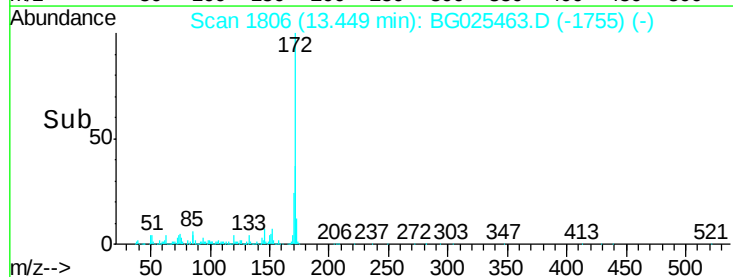
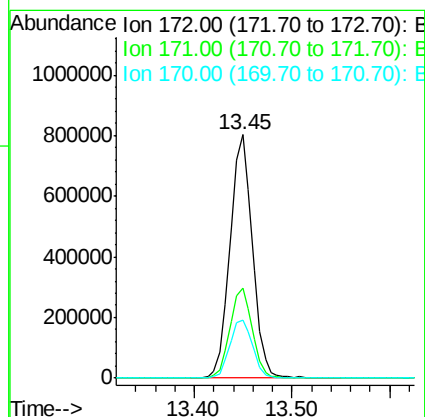
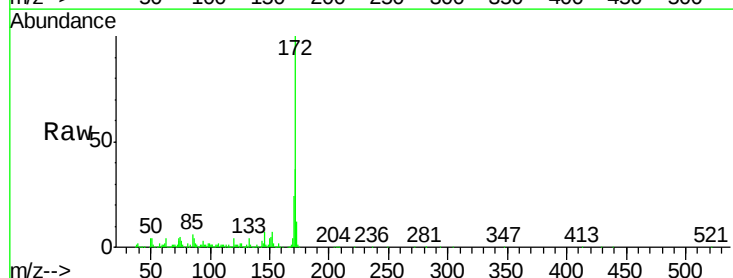
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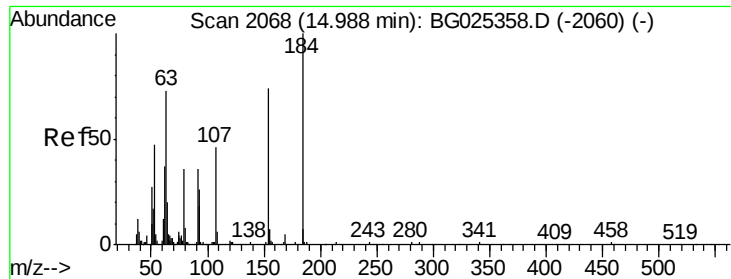
Tgt Ion:330 Resp: 496248
 Ion Ratio Lower Upper
 330 100
 332 99.5 77.3 115.9
 141 34.8 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 112.53 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG025463.D
 Acq: 10 Jan 2017 22:20

Tgt Ion:172 Resp: 1276374
 Ion Ratio Lower Upper
 172 100
 171 37.2 32.2 48.2
 170 23.8 21.8 32.6

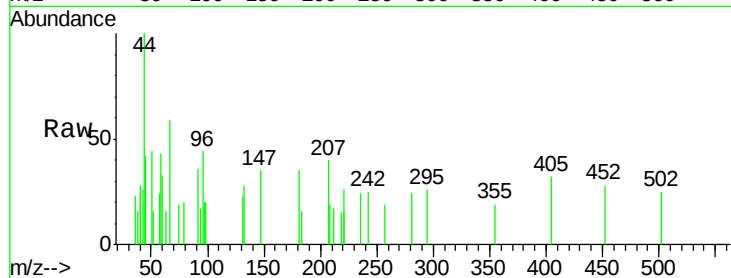




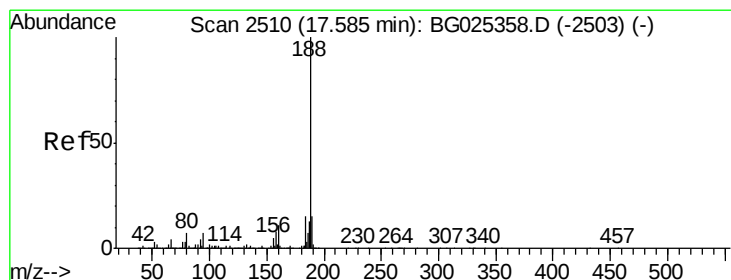
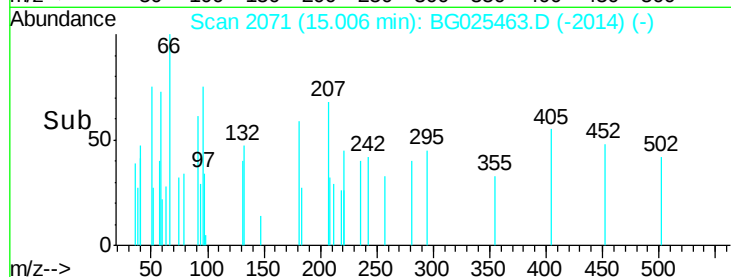
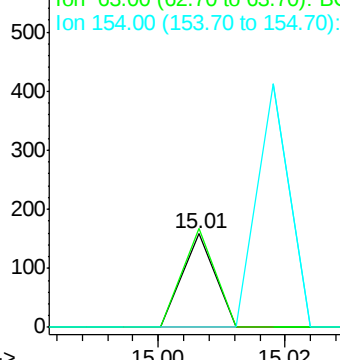
#53
2,4-Dinitrophenol
Concen: 5.11 ng
RT: 15.01 min Scan# 2071
Delta R.T. 0.04 min
Lab File: BG025463.D
Acq: 10 Jan 2017 22:20

Instrument :
BNA_G
ClientSampleId :
USDOT-617122-COMP-0-2

Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 105.0 52.7 79.1#
154 0.0 57.3 85.9#

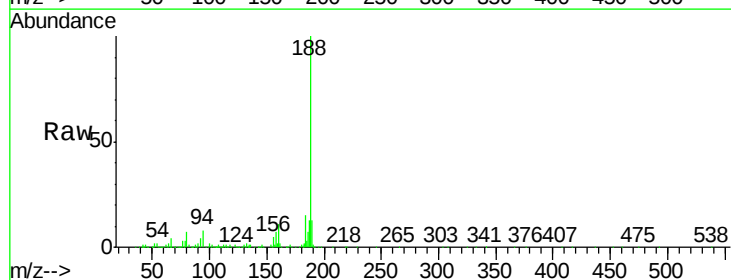


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

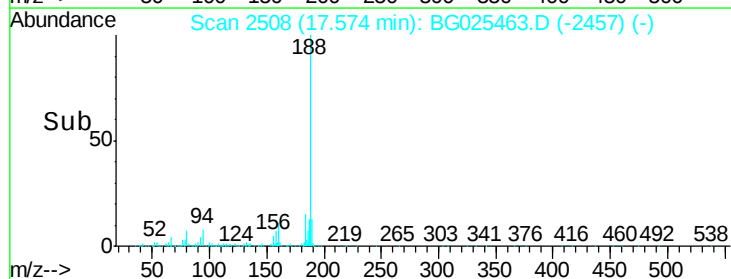
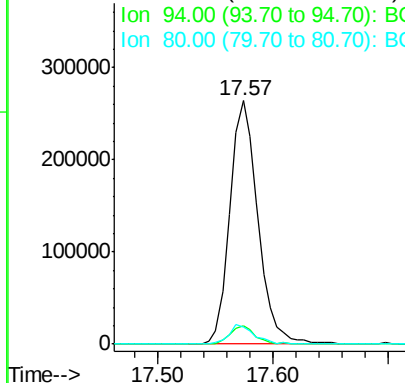


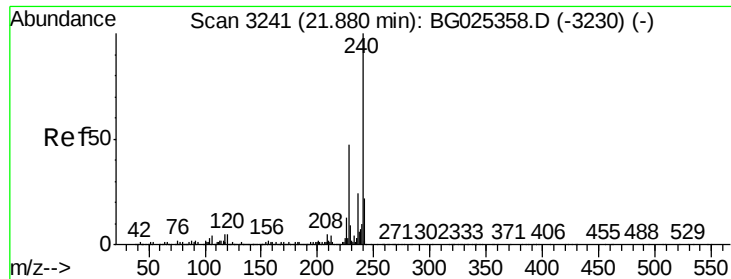
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BG025463.D
Acq: 10 Jan 2017 22:20

Tgt Ion:188 Resp: 443198
Ion Ratio Lower Upper
188 100
94 7.6 5.8 8.8
80 6.9 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

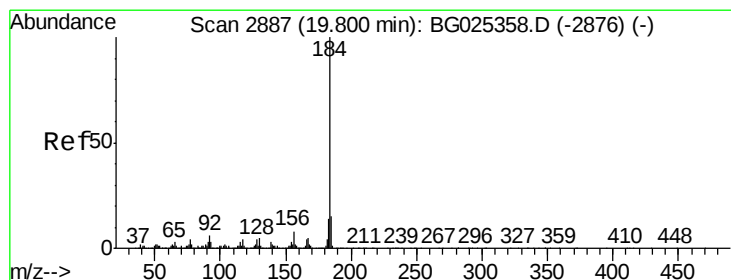
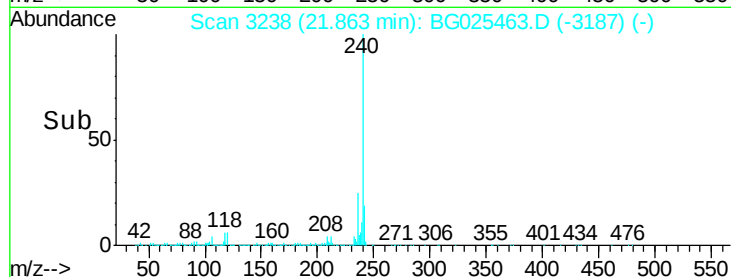
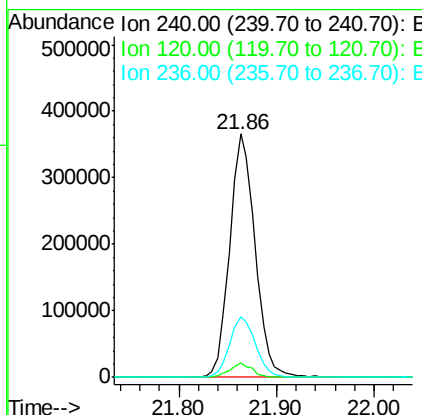
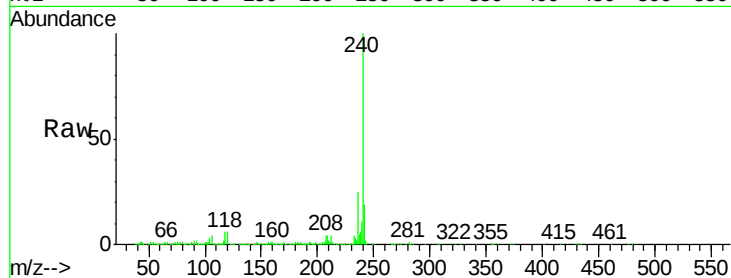




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. -0.00 min
 Lab File: BG025463.D
 Acq: 10 Jan 2017 22:20

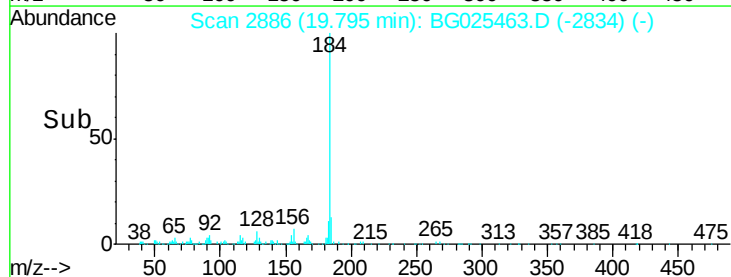
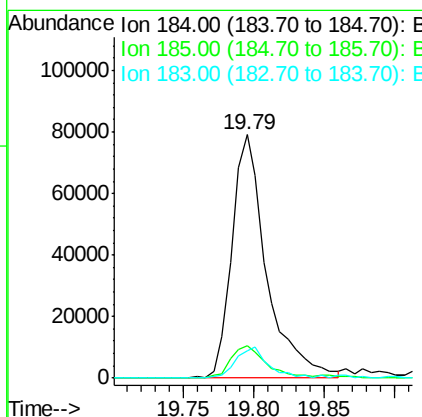
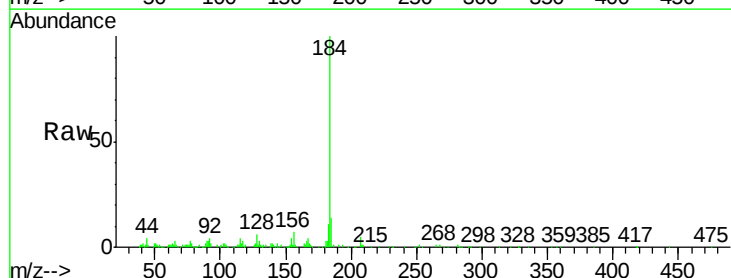
Instrument :
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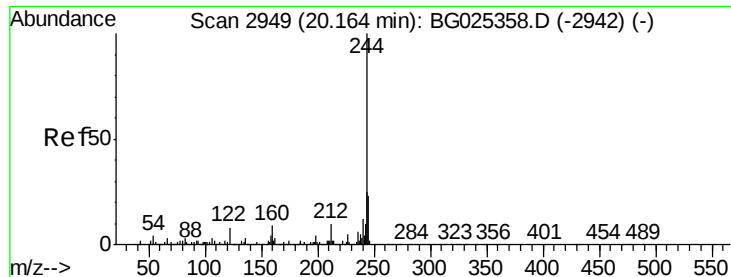
Tgt Ion:240 Resp: 661579
 Ion Ratio Lower Upper
 240 100
 120 5.9 5.7 8.5
 236 25.0 22.2 33.4



#76
 Benzidine
 Concen: 8.22 ng
 RT: 19.79 min Scan# 2886
 Delta R.T. 0.01 min
 Lab File: BG025463.D
 Acq: 10 Jan 2017 22:20

Tgt Ion:184 Resp: 135651
 Ion Ratio Lower Upper
 184 100
 185 13.6 13.0 19.6
 183 11.2 11.0 16.6





#78

Terphenyl-d14

Concen: 100.06 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG025463.D

Acq: 10 Jan 2017 22:20

Instrument :

BNA_G

ClientSampleId :

USDOT-617122-COMP-0-2

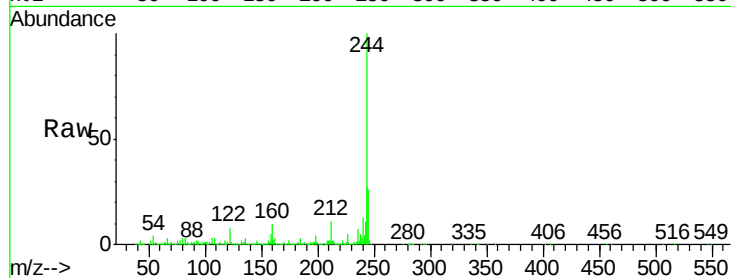
Tgt Ion:244 Resp: 2496613

Ion Ratio Lower Upper

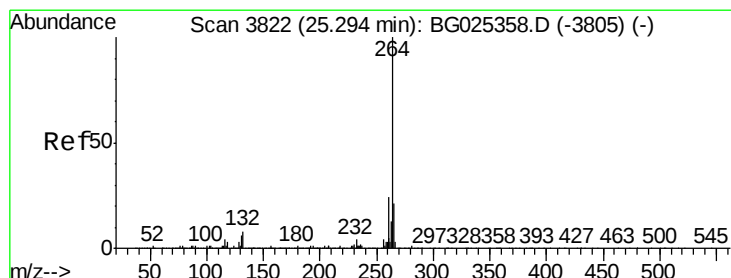
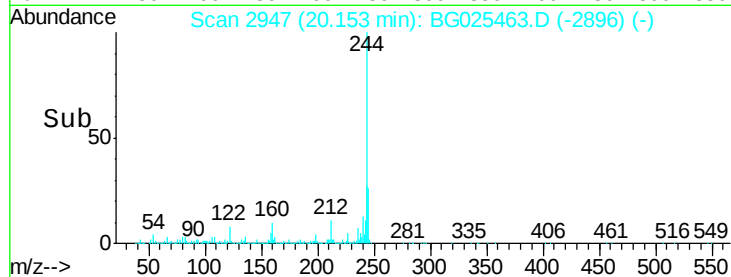
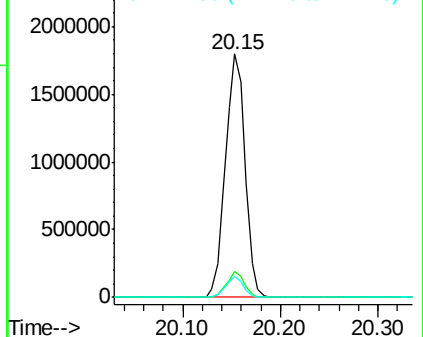
244 100

212 10.9 10.0 15.0

122 8.4 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. -0.01 min

Lab File: BG025463.D

Acq: 10 Jan 2017 22:20

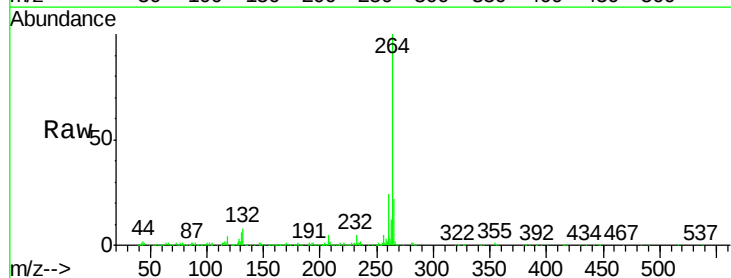
Tgt Ion:264 Resp: 693097

Ion Ratio Lower Upper

264 100

260 24.2 21.8 32.8

265 22.3 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

