

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010917\
 Data File : BG025447.D
 Acq On : 10 Jan 2017 2:00
 Operator : UM/SJ
 Sample : I1056-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-27

Quant Time: Jan 10 04:23:00 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

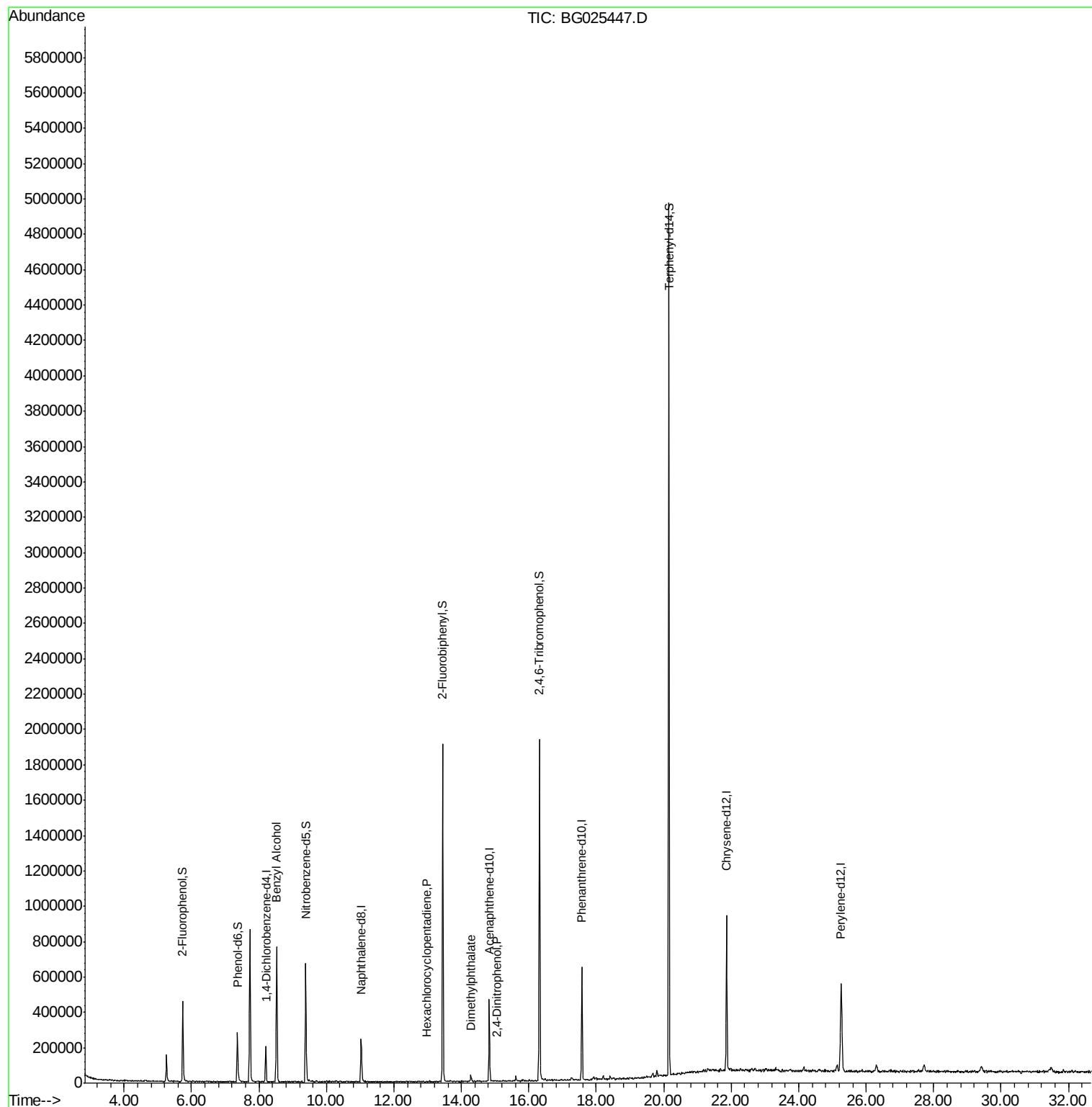
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	49693	20.00	ng	-0.02
21) Naphthalene-d8	11.03	136	210313	20.00	ng	-0.01
38) Acenaphthene-d10	14.82	164	174257	20.00	ng	-0.02
63) Phenanthrene-d10	17.57	188	392464	20.00	ng	-0.01
75) Chrysene-d12	21.86	240	591187	20.00	ng	-0.02
86) Perylene-d12	25.26	264	634014	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	188880	69.09	ng	-0.01
7) Phenol-d6	7.36	99	167933	43.62	ng	-0.01
23) Nitrobenzene-d5	9.38	82	437403	91.88	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	391435	139.53	ng	-0.01
44) 2-Fluorobiphenyl	13.45	172	990686	92.04	ng	-0.01
78) Terphenyl-d14	20.15	244	1968182	88.27	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	8.52	79	9284	2.53	ng	# 71
40) Hexachlorocyclopentadiene	12.96	237	61	8.54	ng	# 29
49) Dimethylphthalate	14.28	163	27394	2.16	ng	100
53) 2,4-Dinitrophenol	15.05	184	67	5.11	ng	# 15

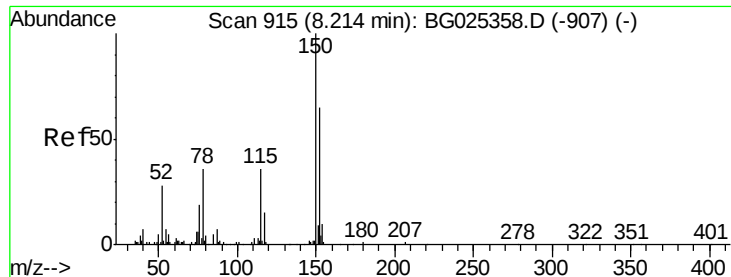
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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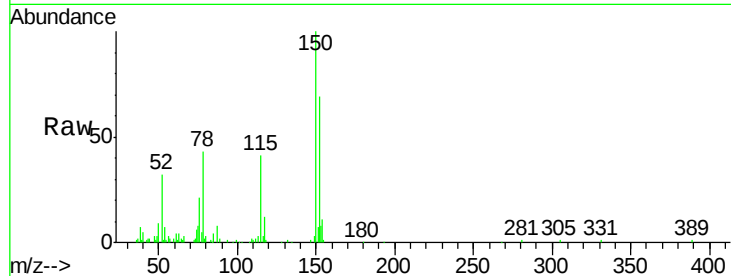


#1

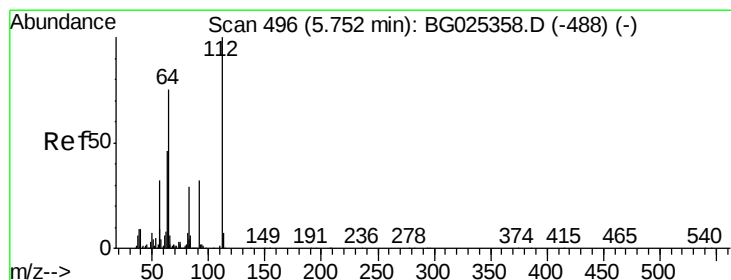
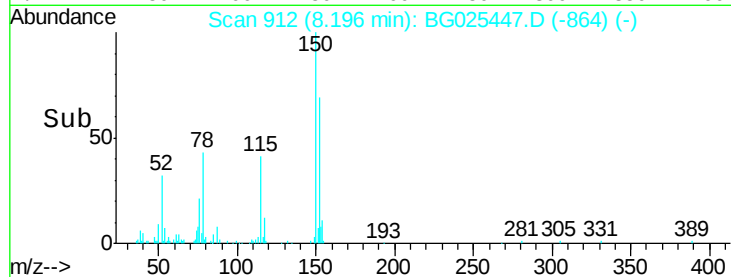
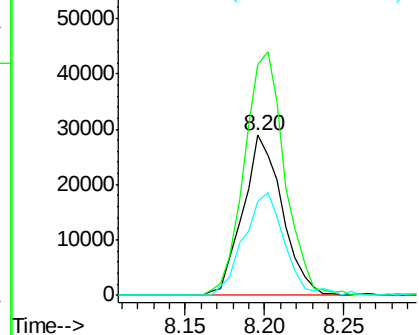
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 912
Delta R.T. -0.02 min
Lab File: BG025447.D
Acq: 10 Jan 2017 2:00

Instrument :
BNA_G
ClientSampleId :
W-27

Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.6	114.0	171.0
115	58.9	48.1	72.1



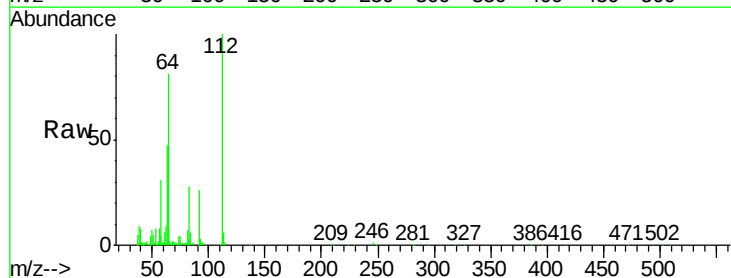
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



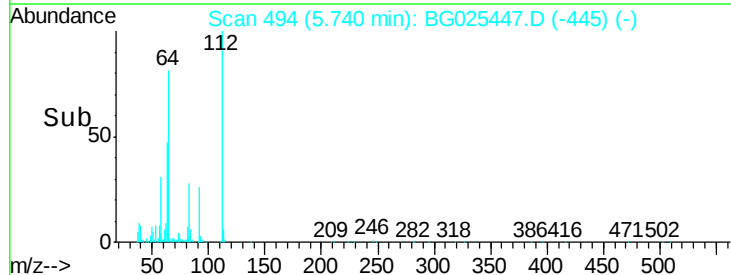
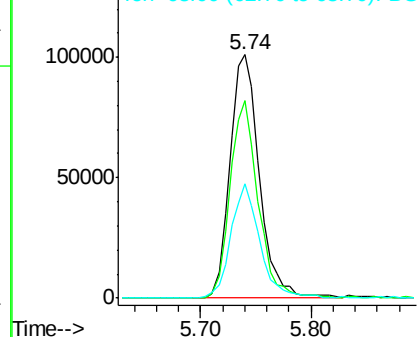
#5

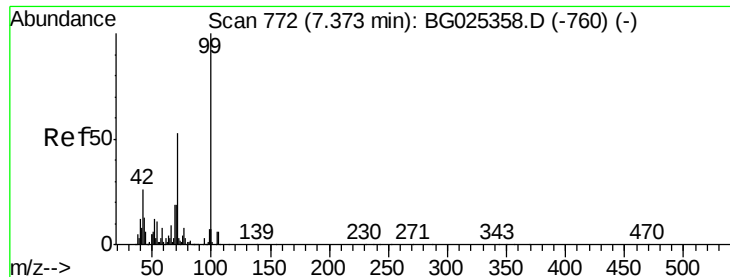
2-Fluorophenol
Concen: 69.09 ng
RT: 5.74 min Scan# 494
Delta R.T. -0.01 min
Lab File: BG025447.D
Acq: 10 Jan 2017 2:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	81.0	61.8	92.6
63	47.1	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: 43.62 ng

RT: 7.36 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG025447.D

Acq: 10 Jan 2017 2:00

Instrument :

BNA_G

ClientSampleId :

W-27

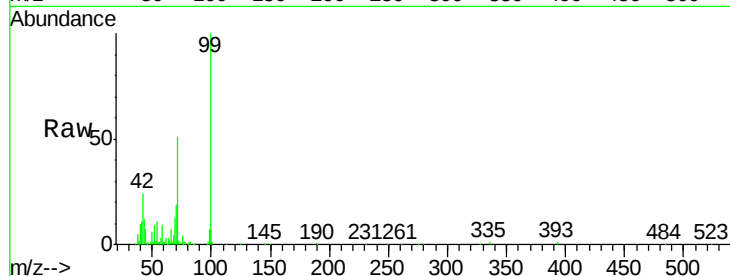
Tgt Ion: 99 Resp: 167933

Ion Ratio Lower Upper

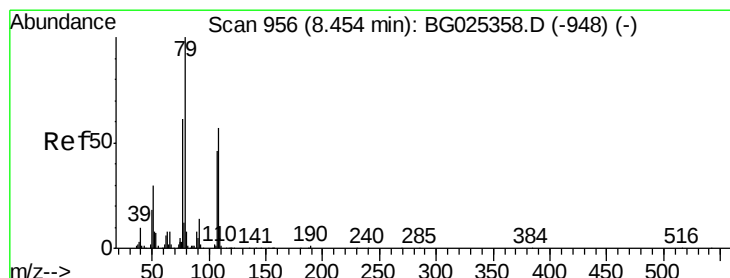
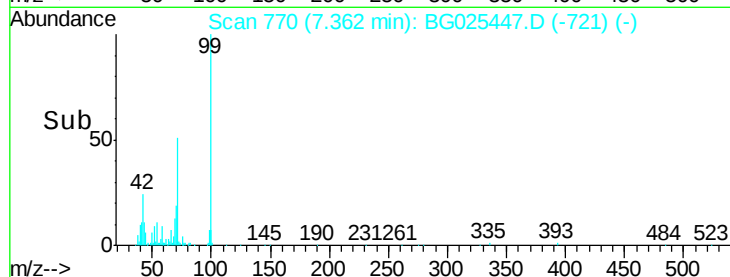
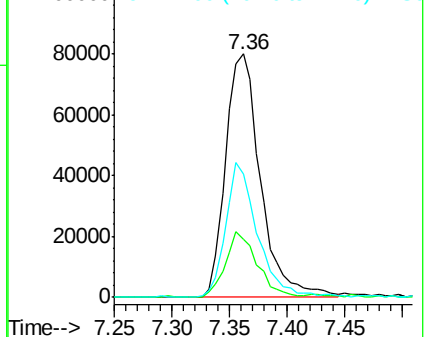
99 100

42 23.9 20.5 30.7

71 50.6 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: 2.53 ng

RT: 8.52 min Scan# 968

Delta R.T. 0.07 min

Lab File: BG025447.D

Acq: 10 Jan 2017 2:00

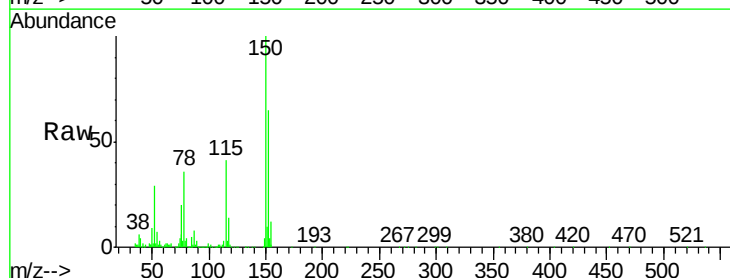
Tgt Ion: 79 Resp: 9284

Ion Ratio Lower Upper

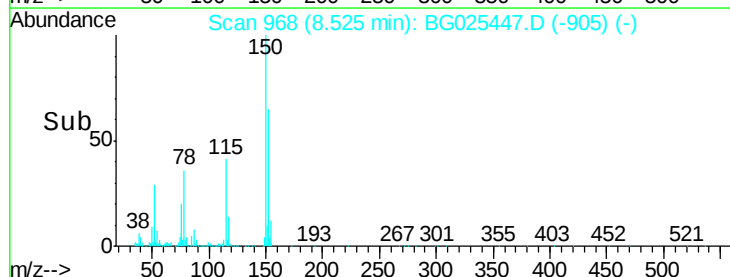
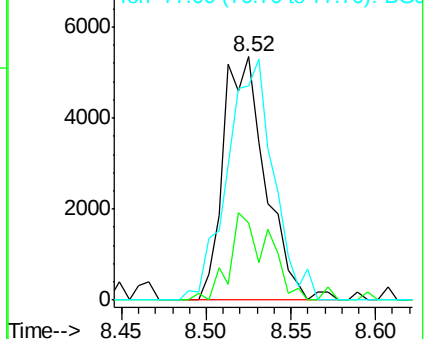
79 100

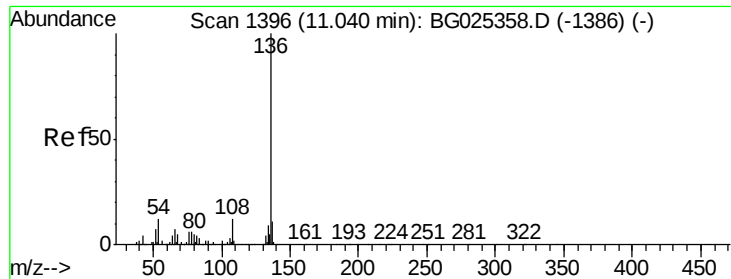
108 31.7 45.5 68.3#

77 87.8 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

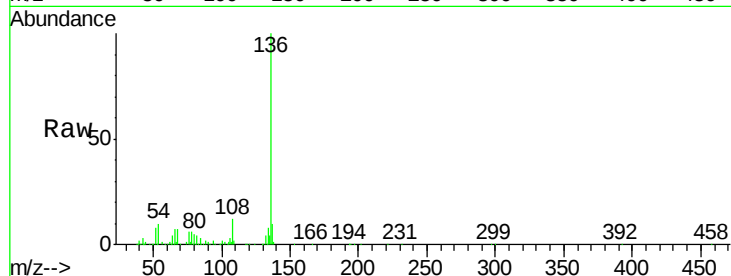




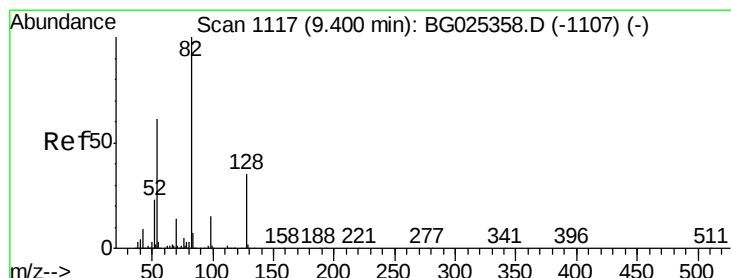
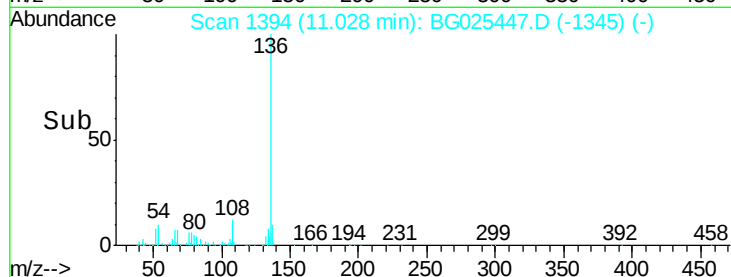
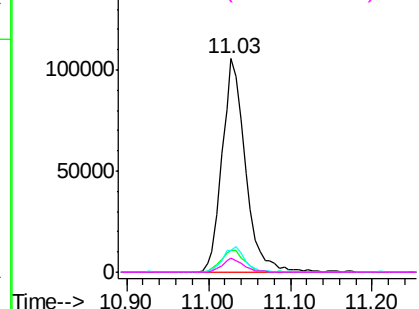
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG025447.D
Acq: 10 Jan 2017 2:00

Instrument :
BNA_G
ClientSampleId :
W-27

Tgt Ion:	136	Resp:	210313
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.9	13.3
54	10.0	9.3	13.9
68	6.7	5.1	7.7

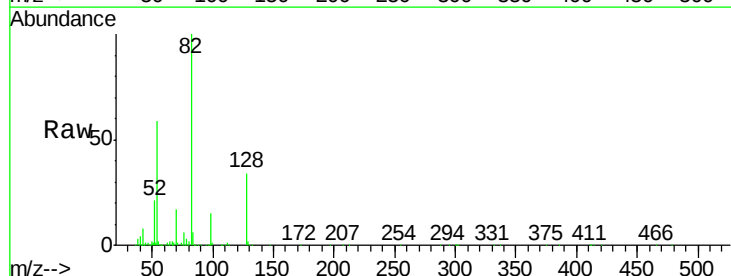


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

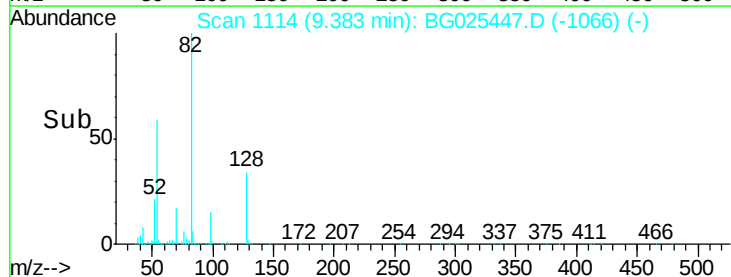
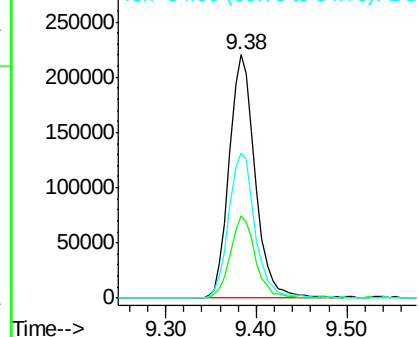


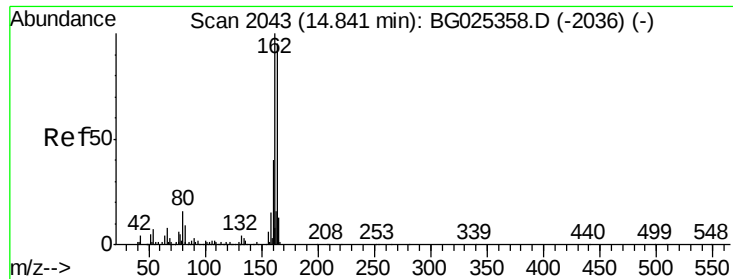
#23
Nitrobenzene-d5
Concen: 91.88 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.02 min
Lab File: BG025447.D
Acq: 10 Jan 2017 2:00

Tgt Ion:	82	Resp:	437403
Ion	Ratio	Lower	Upper
82	100		
128	34.0	26.4	39.6
54	59.4	49.4	74.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.82 min Scan# 2040

Delta R.T. -0.02 min

Lab File: BG025447.D

Acq: 10 Jan 2017 2:00

Instrument :

BNA_G

ClientSampled :

W-27

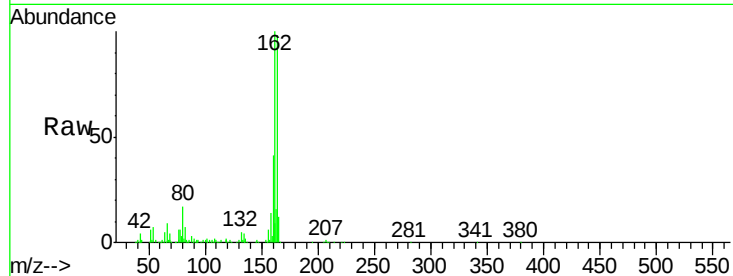
Tgt Ion:164 Resp: 174257

Ion Ratio Lower Upper

164 100

162 102.2 85.1 127.7

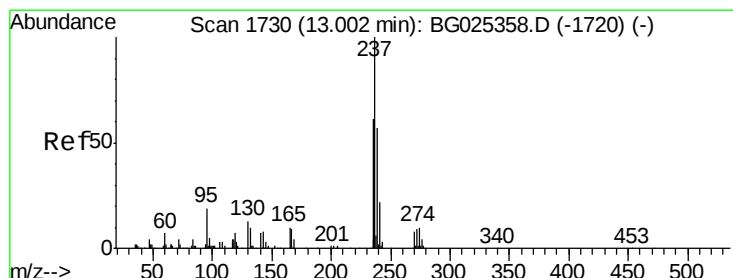
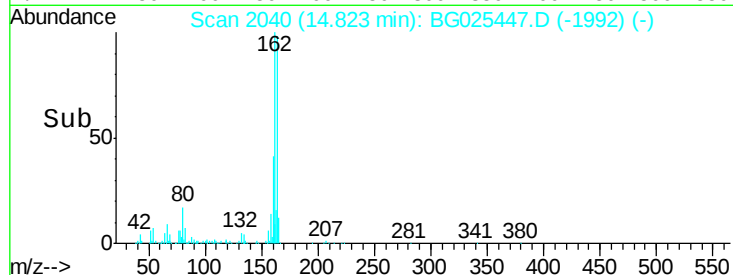
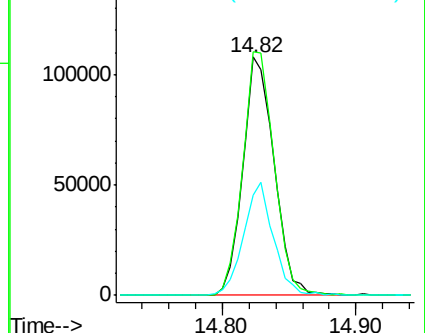
160 42.0 34.7 52.1



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: 12.96 min Scan# 1723

Delta R.T. -0.04 min

Lab File: BG025447.D

Acq: 10 Jan 2017 2:00

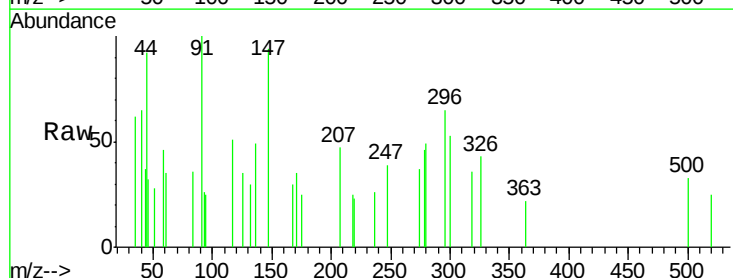
Tgt Ion:237 Resp: 61

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

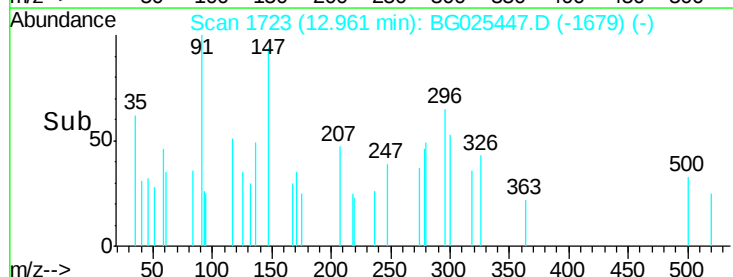
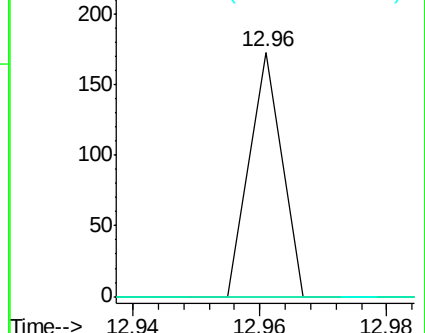
272 0.0 0.0 32.0

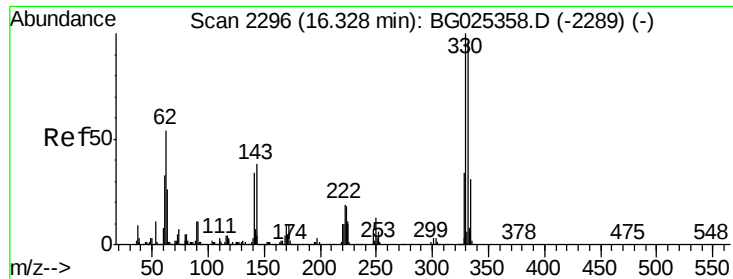


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

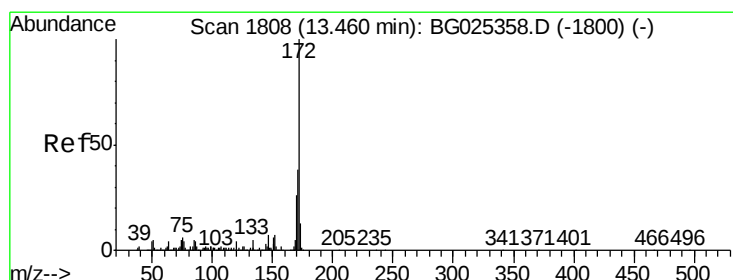
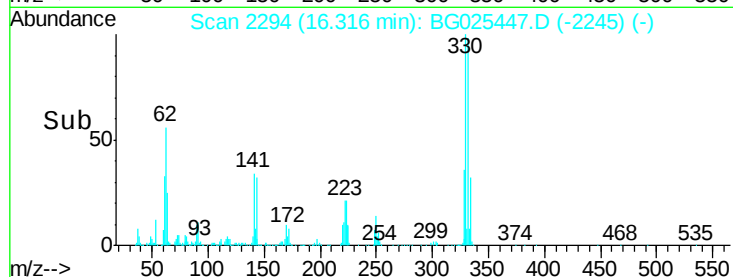
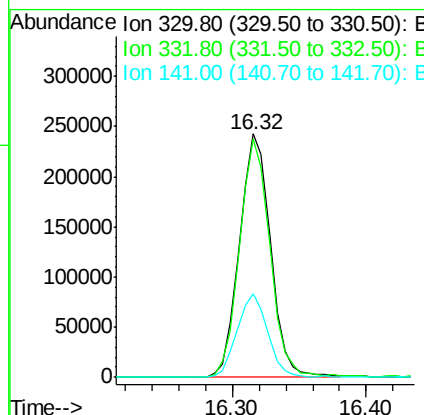
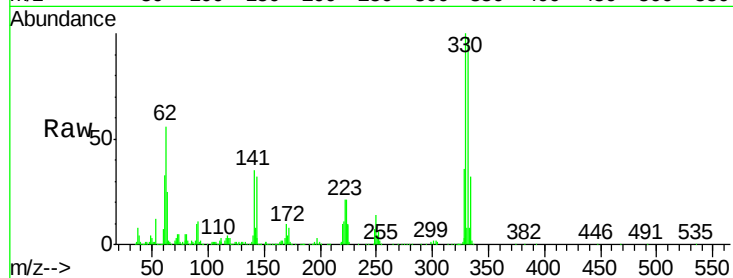




#41
 2,4,6-Tribromophenol
 Concen: 139.53 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG025447.D
 Acq: 10 Jan 2017 2:00

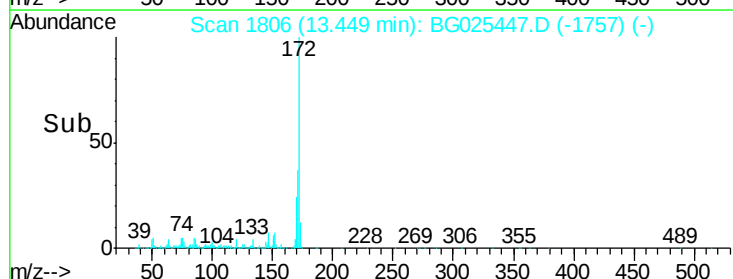
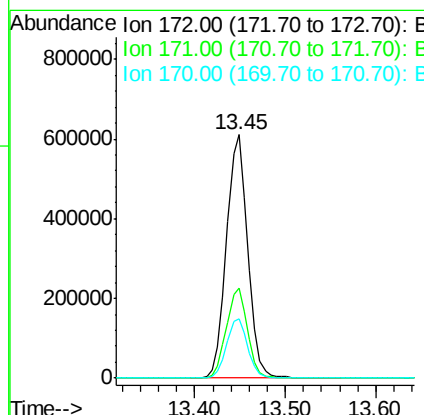
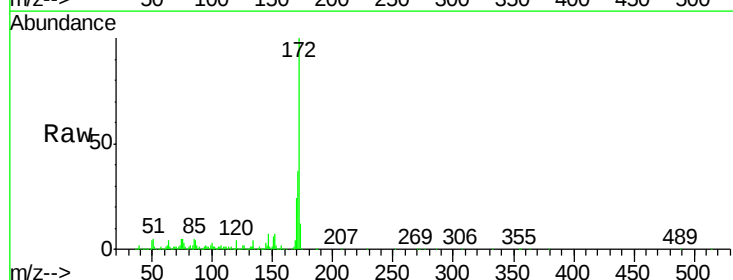
Instrument :
 BNA_G
 ClientSampleId :
 W-27

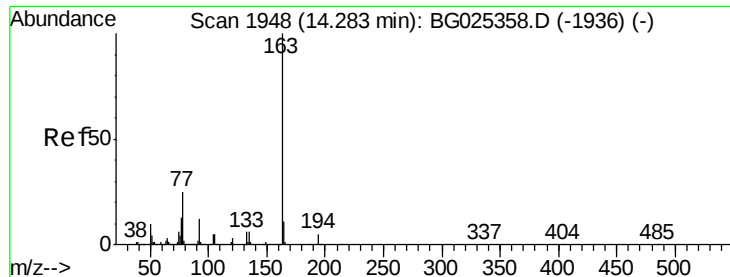
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	33.8	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 92.04 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG025447.D
 Acq: 10 Jan 2017 2:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	32.2	48.2
170	24.1	21.8	32.6





#49

Dimethylphthalate

Concen: 2.16 ng

RT: 14.28 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG025447.D

Acq: 10 Jan 2017 2:00

Instrument :

BNA_G

ClientSampleId :

W-27

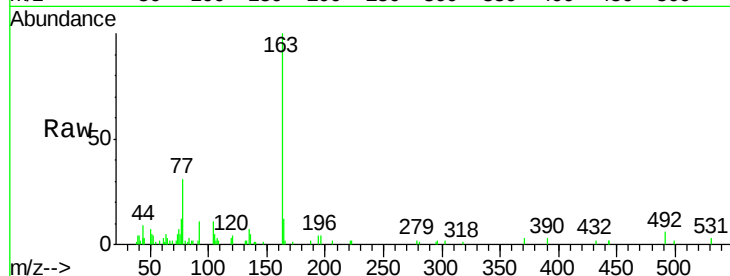
Tgt Ion:163 Resp: 27394

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.6

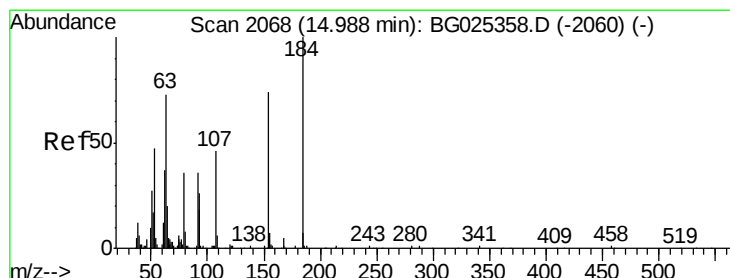
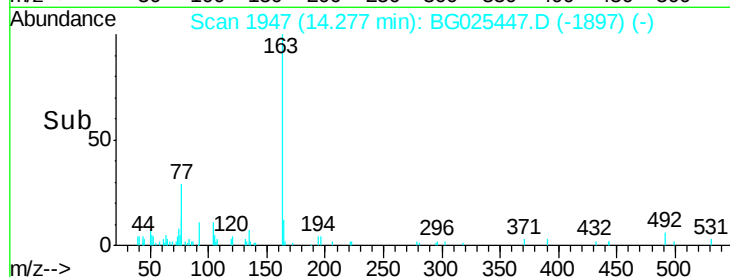
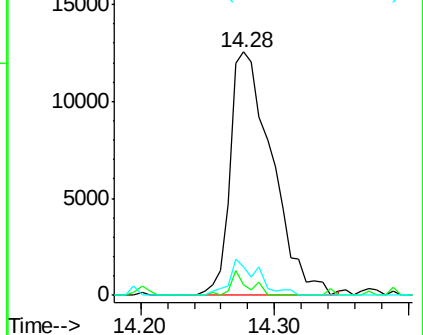
164 11.6 9.3 13.9



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: 15.05 min Scan# 2078

Delta R.T. 0.06 min

Lab File: BG025447.D

Acq: 10 Jan 2017 2:00

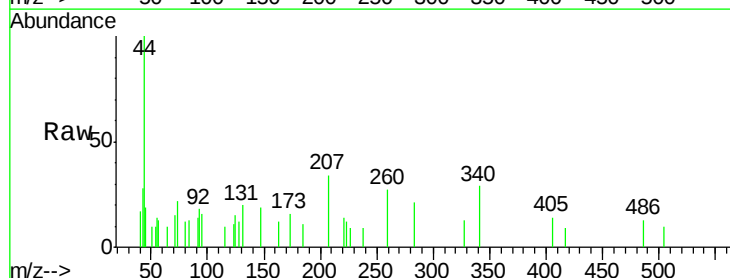
Tgt Ion:184 Resp: 67

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

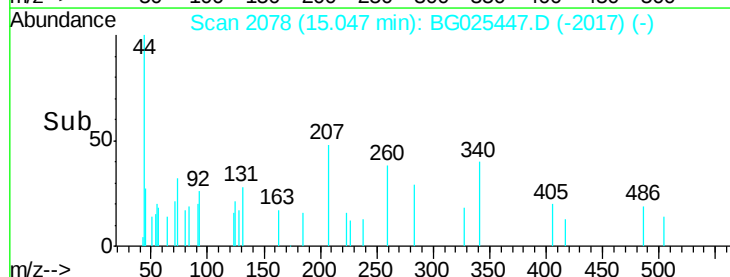
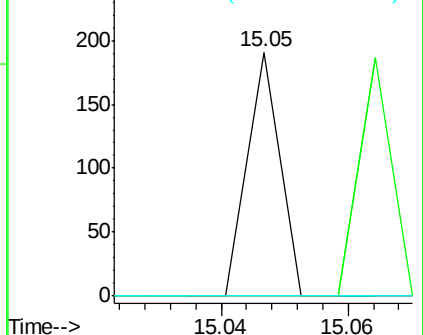
154 0.0 57.3 85.9#

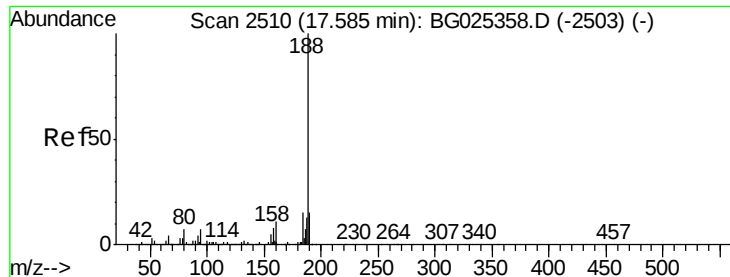


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

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. -0.01 min

Lab File: BG025447.D

Acq: 10 Jan 2017 2:00

Instrument :

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ClientSampleId :

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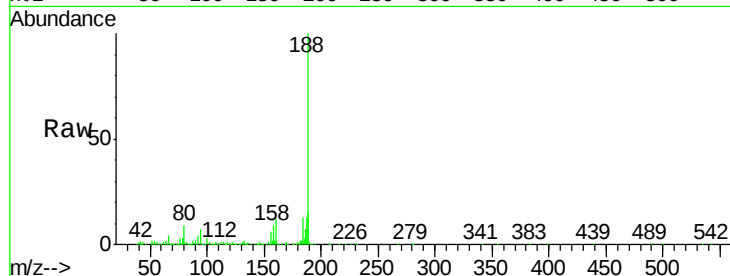
Tgt Ion:188 Resp: 392464

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

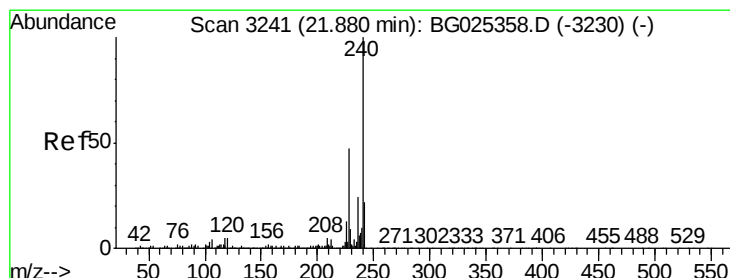
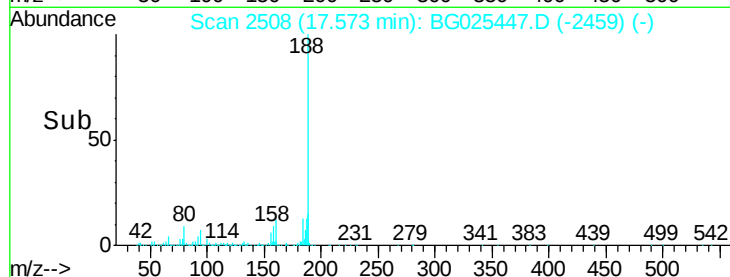
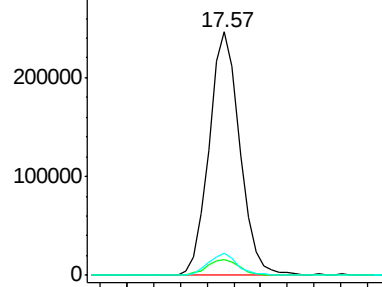
80 9.0 7.5 11.3



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: BG025447.D

Acq: 10 Jan 2017 2:00

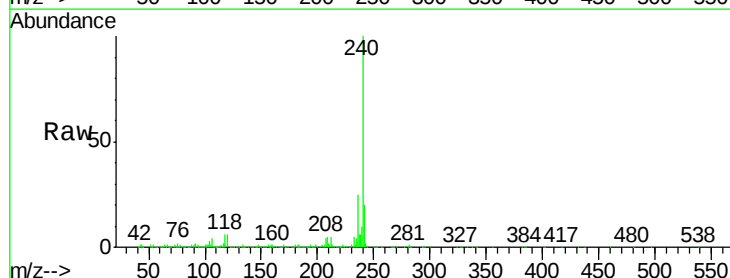
Tgt Ion:240 Resp: 591187

Ion Ratio Lower Upper

240 100

120 6.4 5.7 8.5

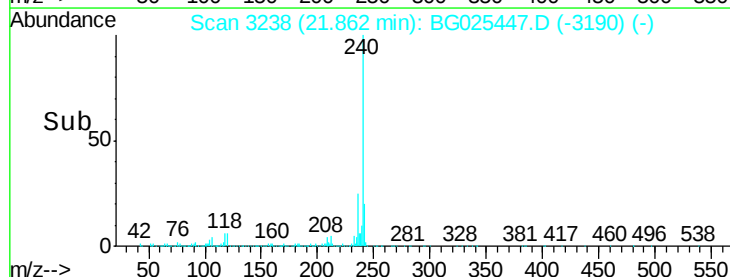
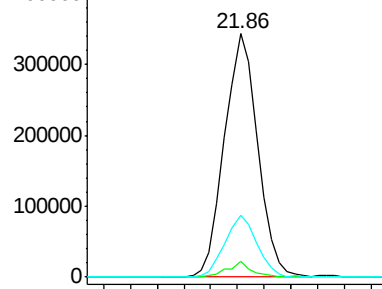
236 25.3 22.2 33.4

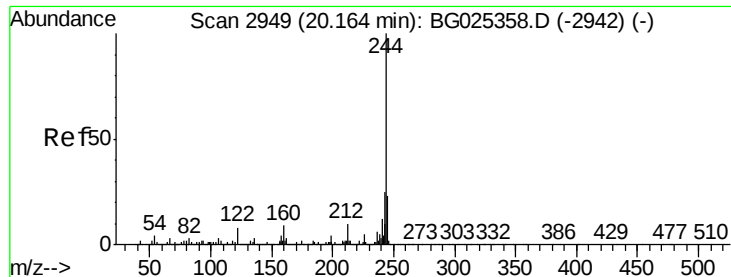


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.27 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG025447.D

Acq: 10 Jan 2017 2:00

Instrument :

BNA_G

ClientSampleId :

W-27

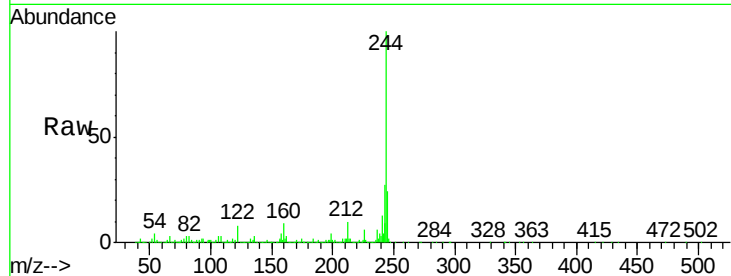
Tgt Ion:244 Resp: 1968182

Ion Ratio Lower Upper

244 100

212 9.5 10.0 15.0#

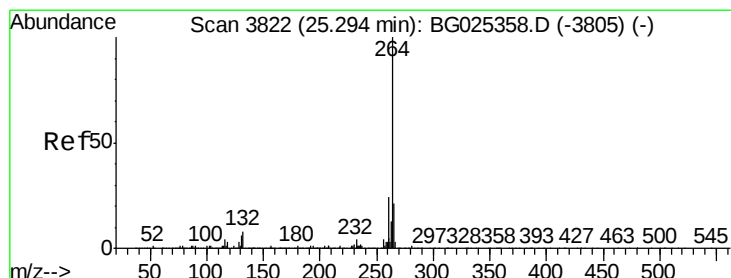
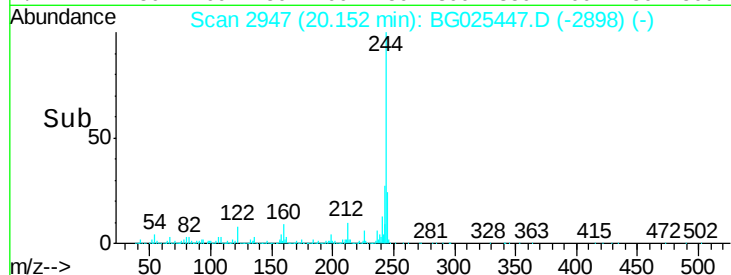
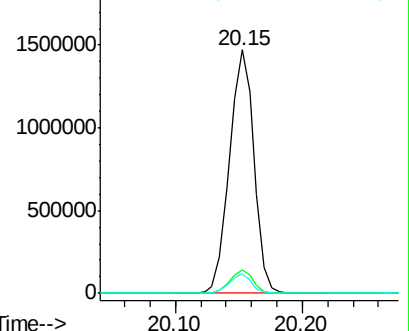
122 7.8 8.6 12.8#



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# 3817

Delta R.T. -0.03 min

Lab File: BG025447.D

Acq: 10 Jan 2017 2:00

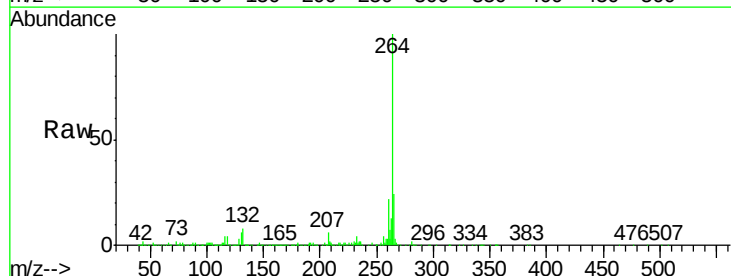
Tgt Ion:264 Resp: 634014

Ion Ratio Lower Upper

264 100

260 22.3 21.8 32.8

265 23.9 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

