

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011117\
 Data File : BG025475.D
 Acq On : 11 Jan 2017 16:00
 Operator : UM/SJ
 Sample : I1098-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 11 17:25:58 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

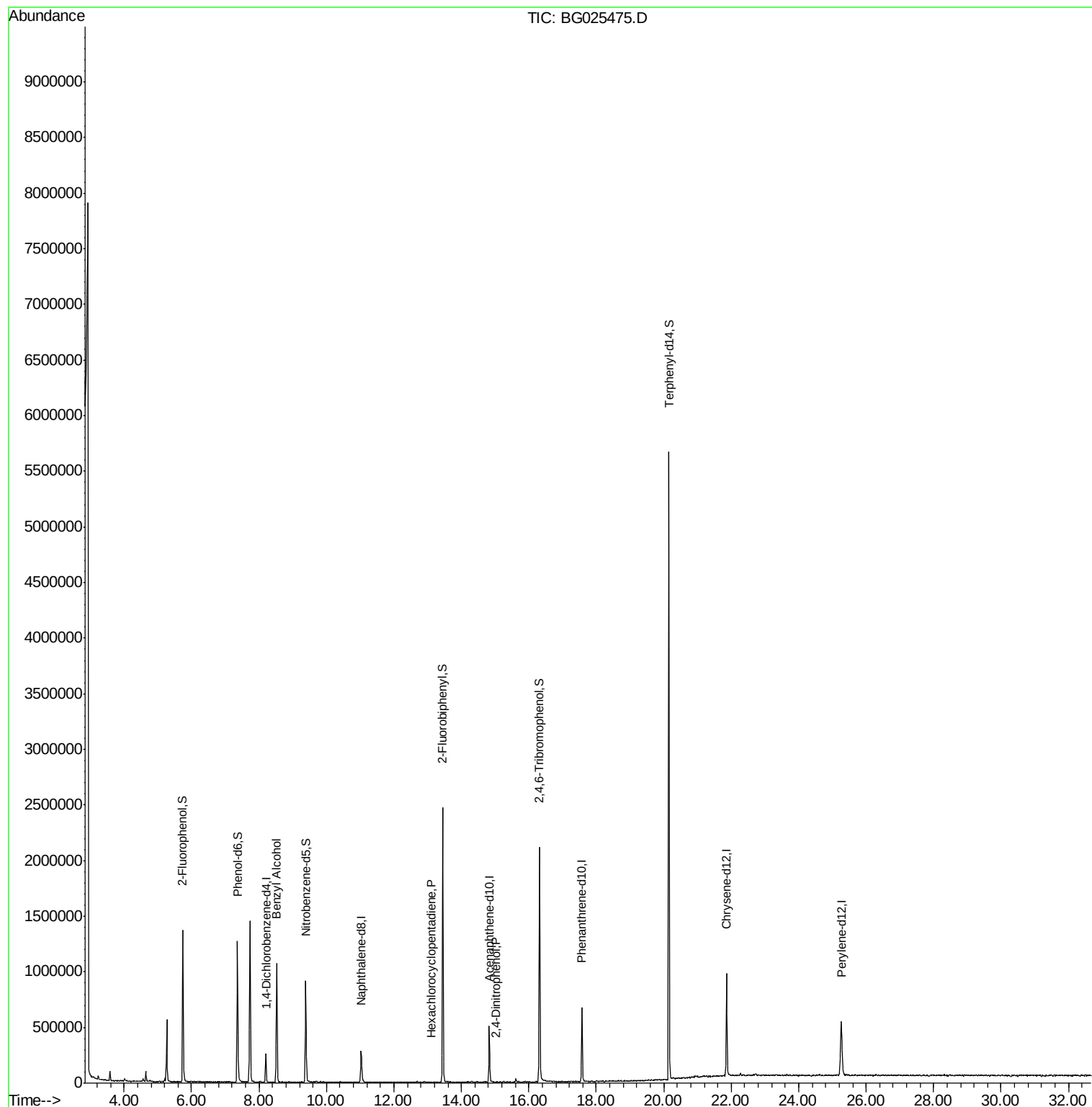
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	61523	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	244541	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	193563	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	440138	20.00	ng	0.00
75) Chrysene-d12	21.86	240	637231	20.00	ng	0.00
86) Perylene-d12	25.26	264	638863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	527647	155.89	ng	0.00
7) Phenol-d6	7.36	99	676168	141.85	ng	0.00
23) Nitrobenzene-d5	9.39	82	590874	106.74	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	444587	142.67	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1237809	103.53	ng	0.00
78) Terphenyl-d14	20.15	244	2364235	98.37	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.52	79	11099	2.44	ng	# 58
40) Hexachlorocyclopentadiene	13.11	237	74	8.54	ng	# 29
53) 2,4-Dinitrophenol	15.03	184	114	5.13	ng	# 57

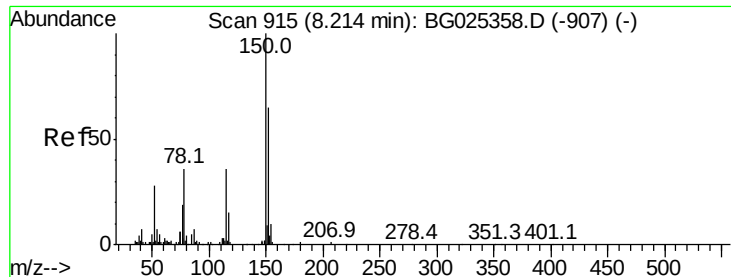
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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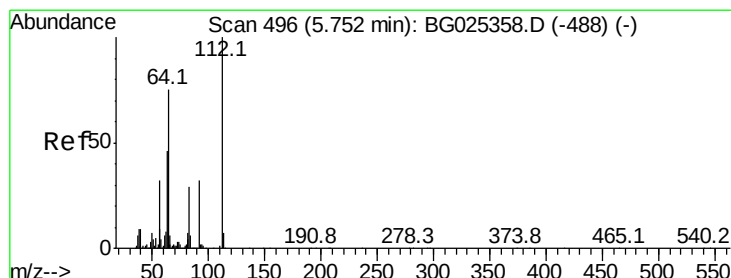
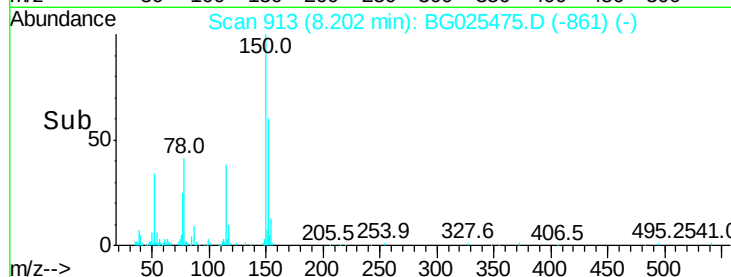
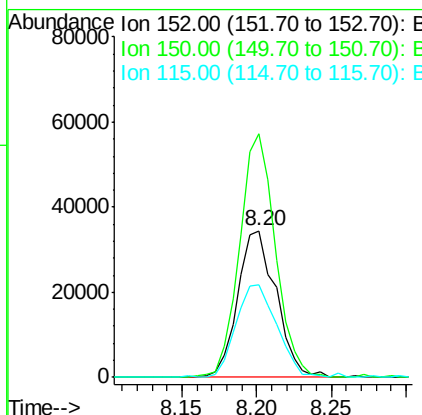
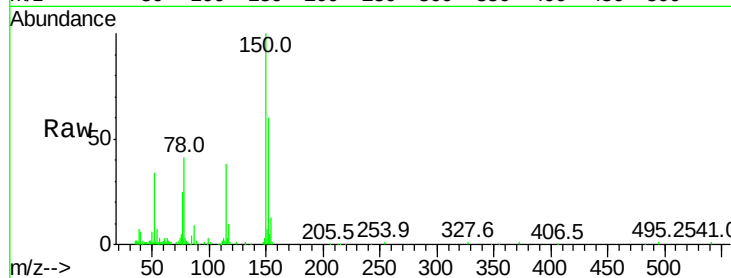


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. 0.00 min
Lab File: BG025475.D
Acq: 11 Jan 2017 16:00

Instrument :
BNA_G
ClientSampleId :

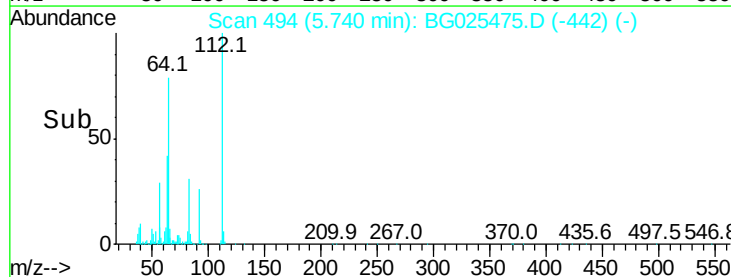
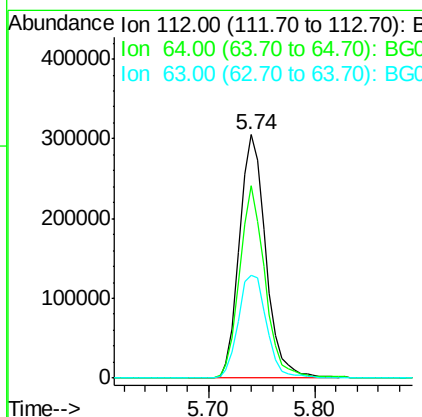
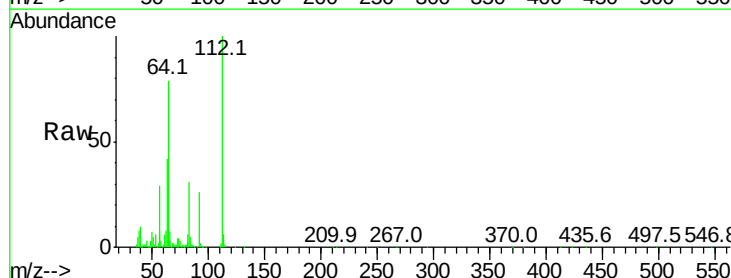
Tot Ion	Ratio	Lower	Upper
152	100		
150	166.2	114.0	171.0
115	63.5	48.1	72.1

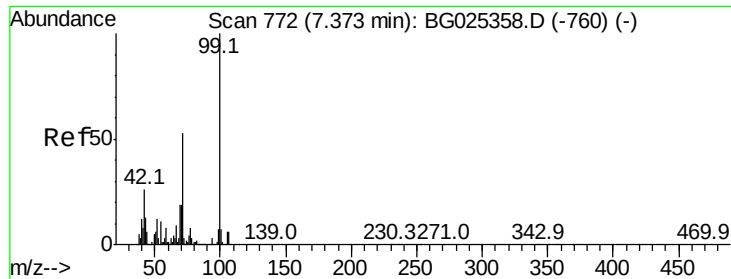


#5

2-Fluorophenol
Concen: 155.89 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.00 min
Lab File: BG025475.D
Acq: 11 Jan 2017 16:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.3	61.8	92.6
63	42.4	37.2	55.8





#7

Phenol-d6

Concen: 141.85 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG025475.D

Acq: 11 Jan 2017 16:00

Instrument :

BNA_G

ClientSampleId :

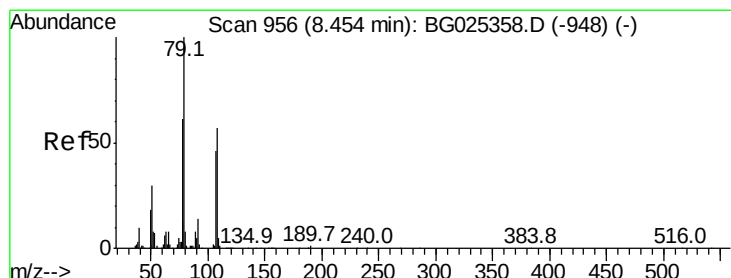
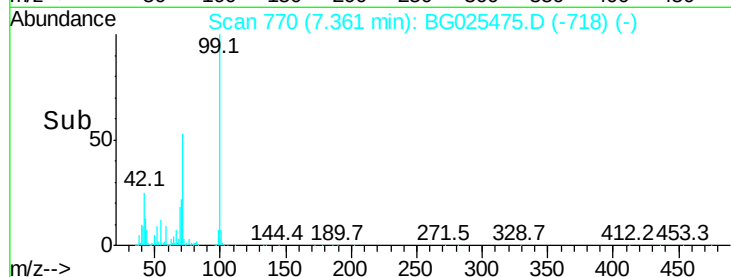
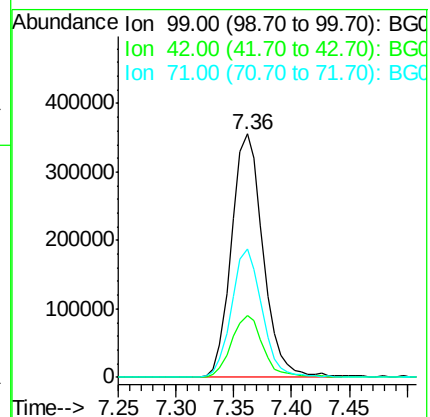
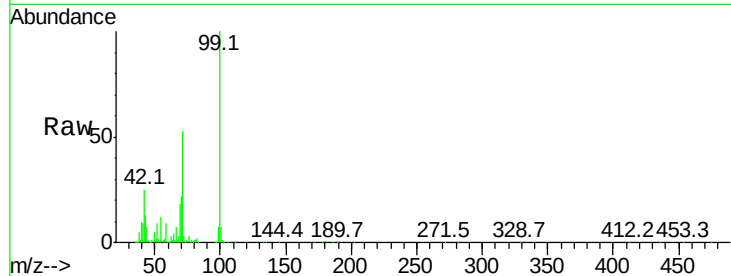
Tot Ion: 99 Resp: 676168

Ion Ratio Lower Upper

99 100

42 25.3 20.5 30.7

71 53.0 37.6 56.4



#15

Benzyl Alcohol

Concen: 2.44 ng

RT: 8.52 min Scan# 968

Delta R.T. 0.08 min

Lab File: BG025475.D

Acq: 11 Jan 2017 16:00

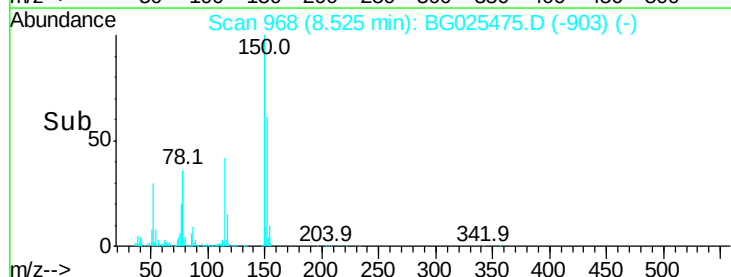
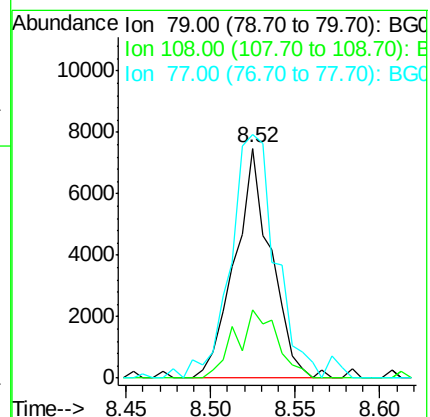
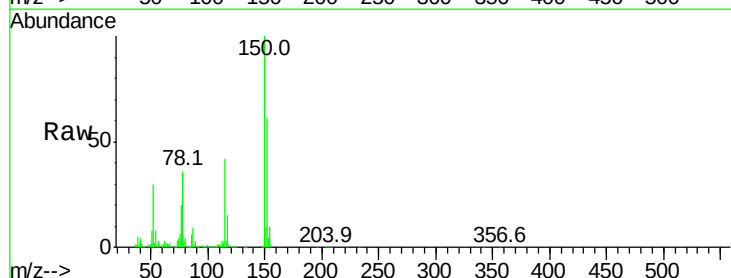
Tgt Ion: 79 Resp: 11099

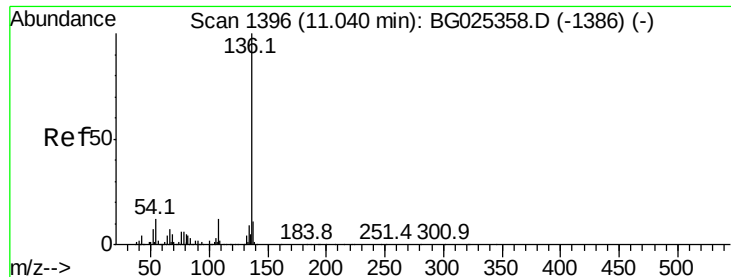
Ion Ratio Lower Upper

79 100

108 30.0 45.5 68.3#

77 106.0 54.3 81.5#

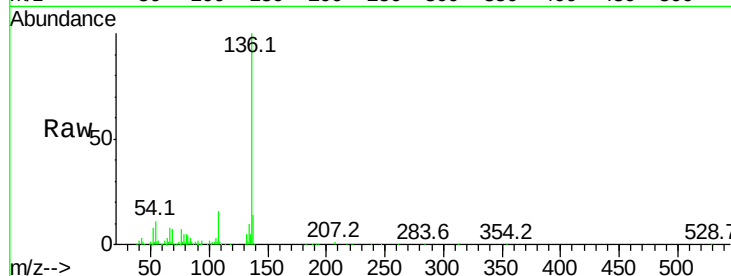




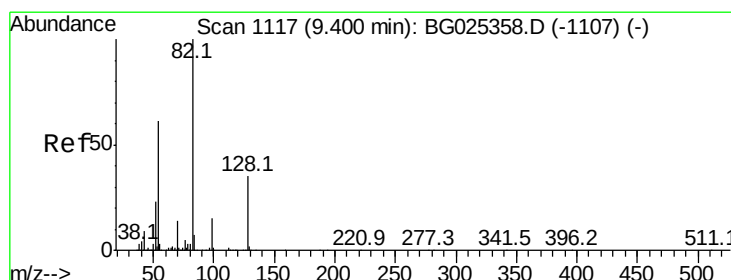
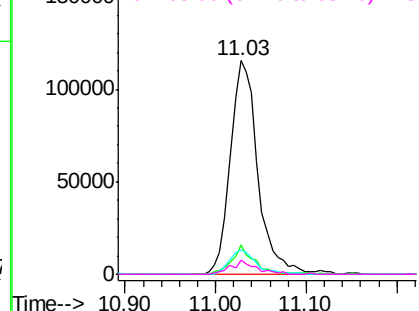
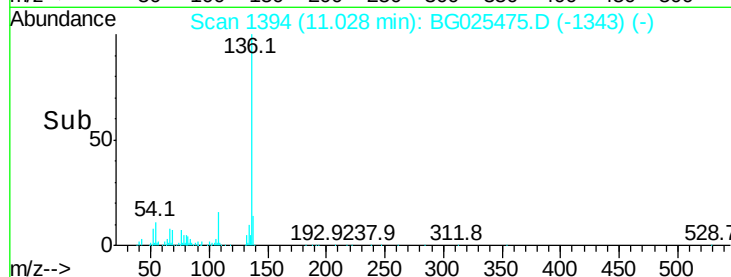
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG025475.D
Acq: 11 Jan 2017 16:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
136	100		
137	13.7	8.9	13.3
54	11.4	9.3	13.9
68	6.9	5.1	7.7

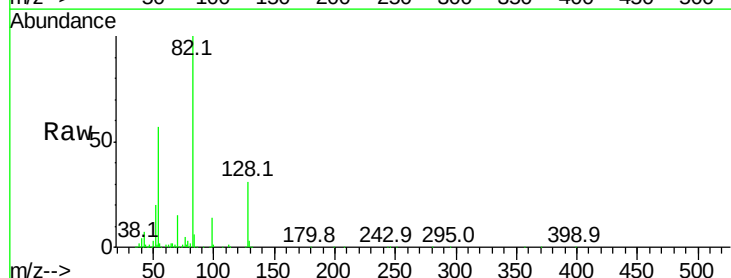


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

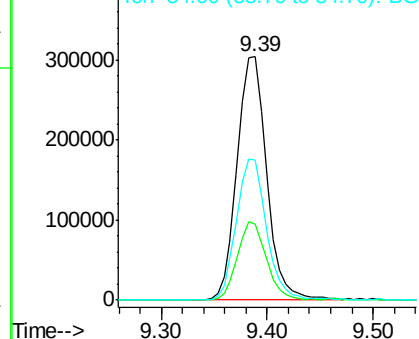
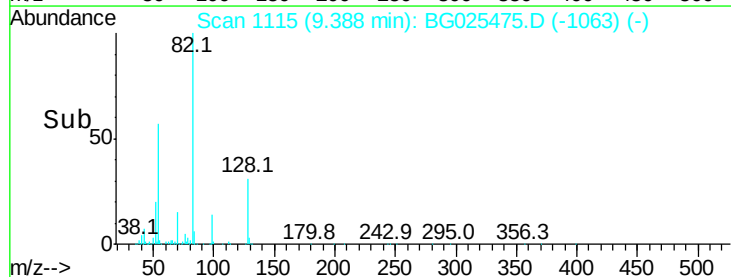


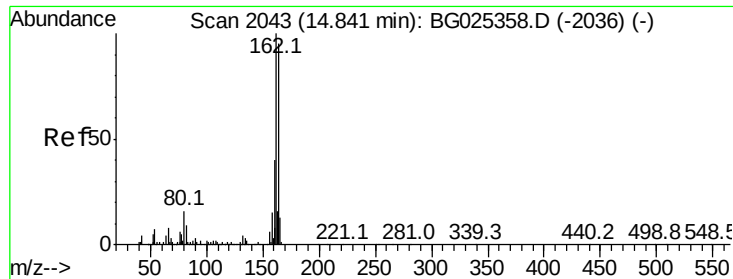
#23
Nitrobenzene-d5
Concen: 106.74 ng
RT: 9.39 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BG025475.D
Acq: 11 Jan 2017 16:00

Tgt Ion	Ratio	Lower	Upper
82	100		
128	30.9	26.4	39.6
54	57.3	49.4	74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
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. 0.00 min

Lab File: BG025475.D

Acq: 11 Jan 2017 16:00

Instrument :

BNA_G

ClientSampleId :

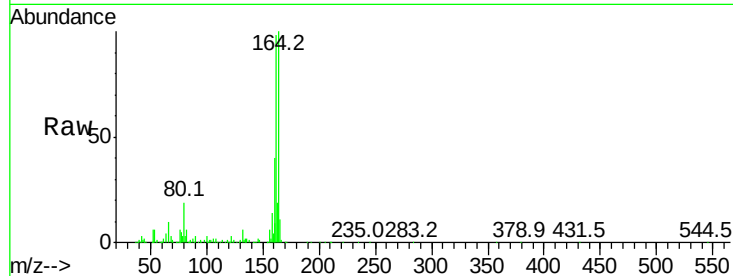
Tot Ion:164 Resp: 193563

Ion Ratio Lower Upper

164 100

162 98.2 85.1 127.7

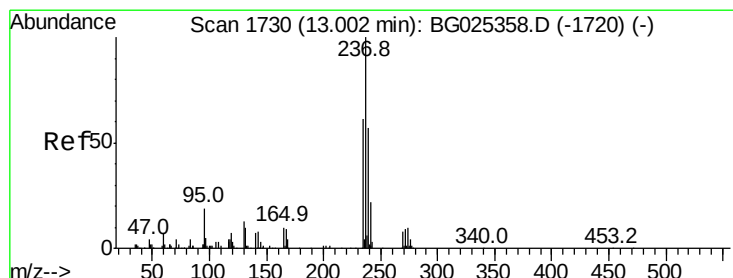
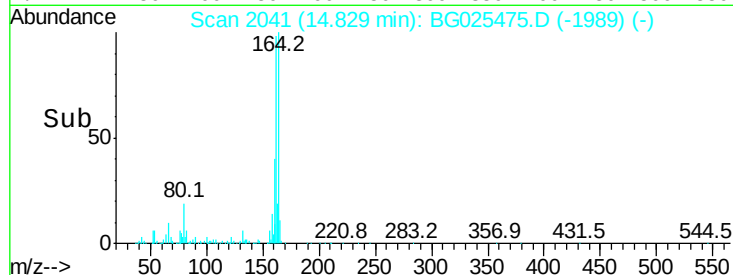
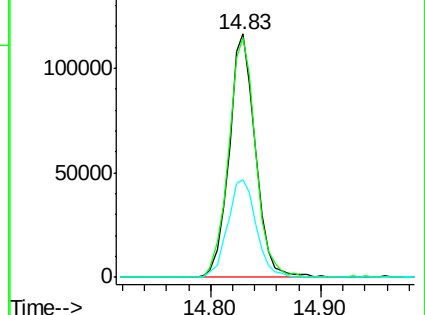
160 40.1 34.7 52.1



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: 13.11 min Scan# 1748

Delta R.T. 0.12 min

Lab File: BG025475.D

Acq: 11 Jan 2017 16:00

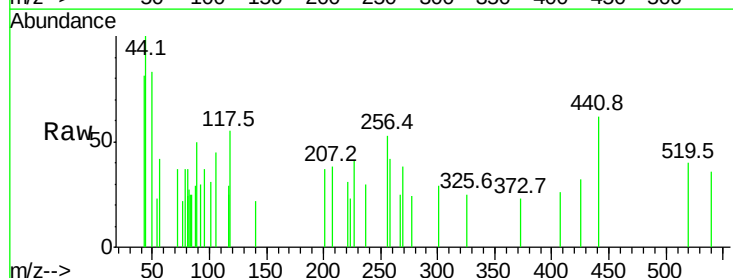
Tgt Ion:237 Resp: 74

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

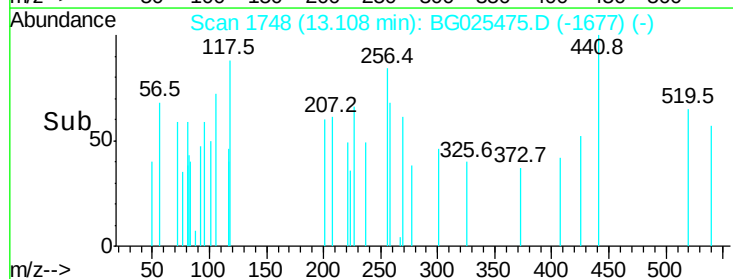
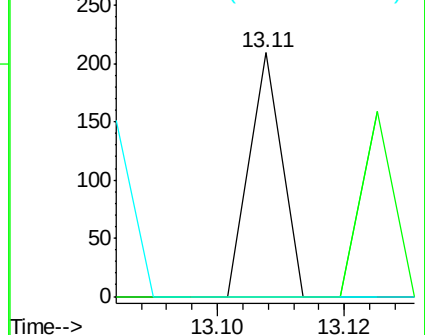
272 0.0 0.0 32.0

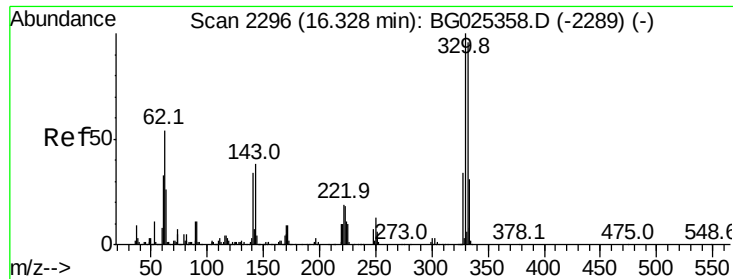


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 142.67 ng

RT: 16.32 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BG025475.D

Acq: 11 Jan 2017 16:00

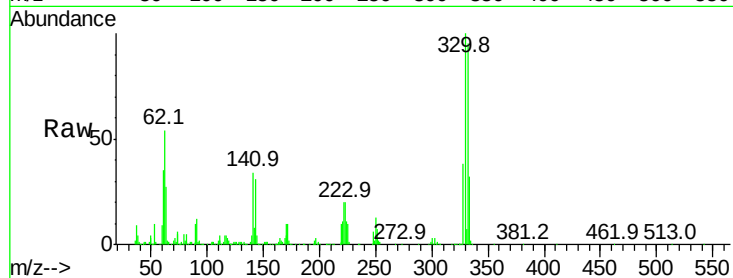
Instrument :

BNA_G

ClientSampleId :

Tot Ion:330 Resp: 444587

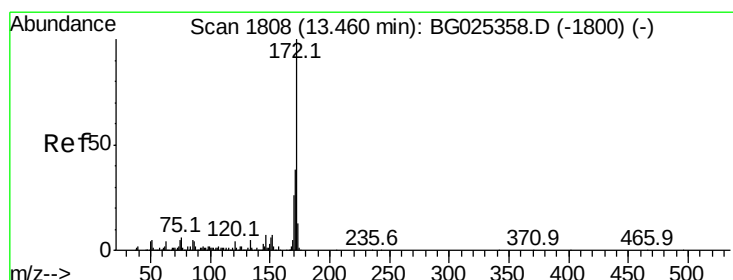
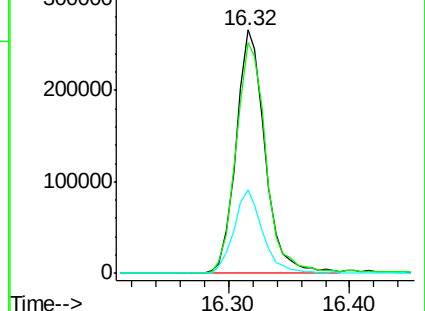
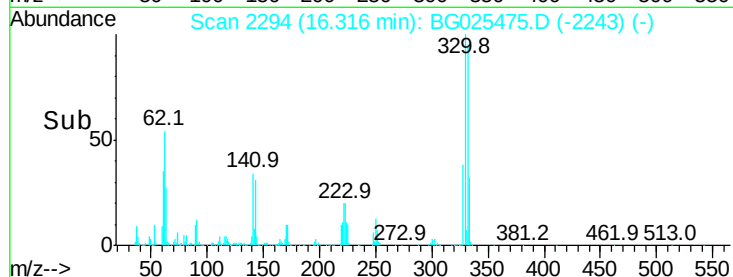
Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.3	115.9
141	34.1	32.1	48.1



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: 103.53 ng

RT: 13.45 min Scan# 1806

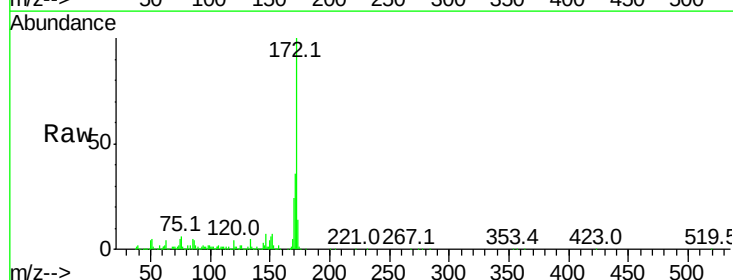
Delta R.T. -0.00 min

Lab File: BG025475.D

Acq: 11 Jan 2017 16:00

Tgt Ion:172 Resp: 1237809

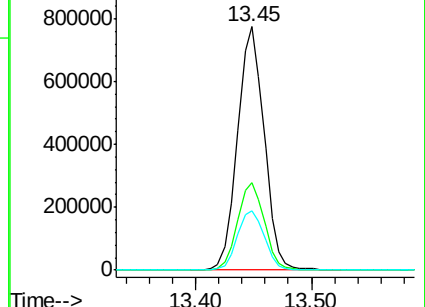
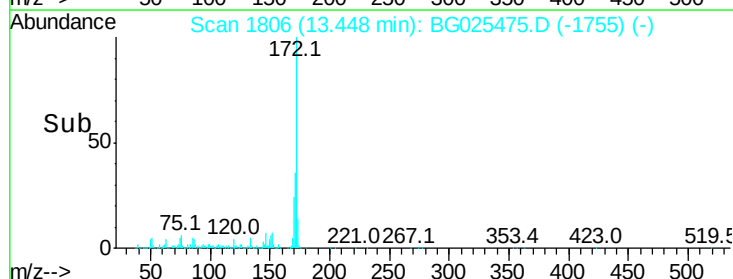
Ion	Ratio	Lower	Upper
172	100		
171	35.7	32.2	48.2
170	24.5	21.8	32.6

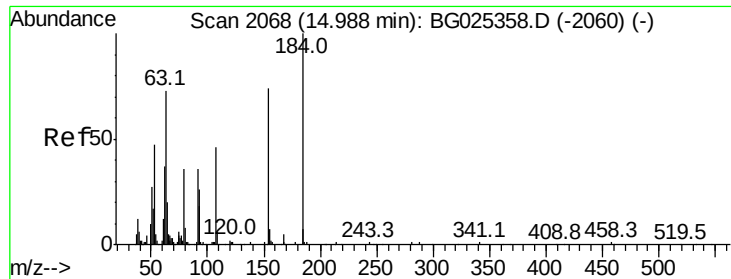


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

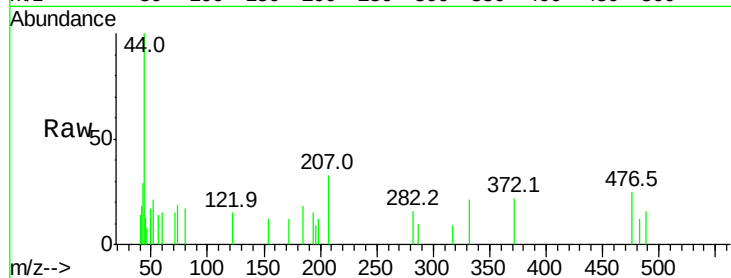




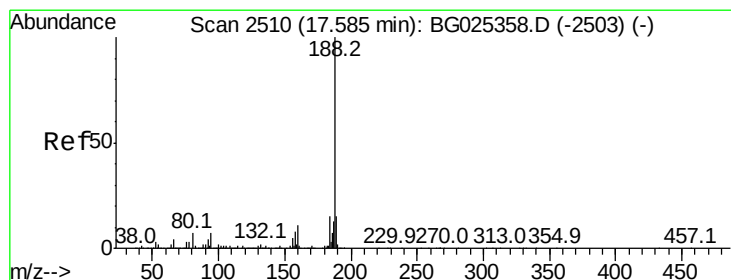
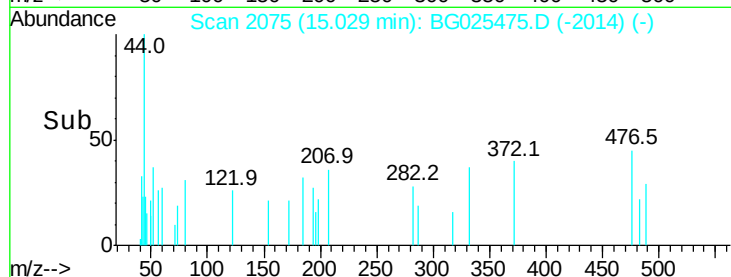
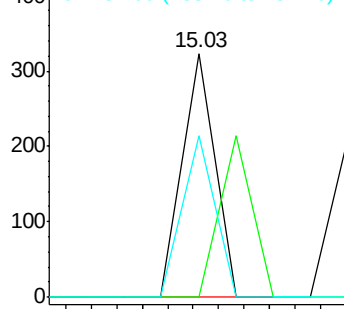
#53
2,4-Dinitrophenol
Concen: 5.13 ng
RT: 15.03 min Scan# 2075
Delta R.T. 0.06 min
Lab File: BG025475.D
Acq: 11 Jan 2017 16:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 114
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 66.3 57.3 85.9

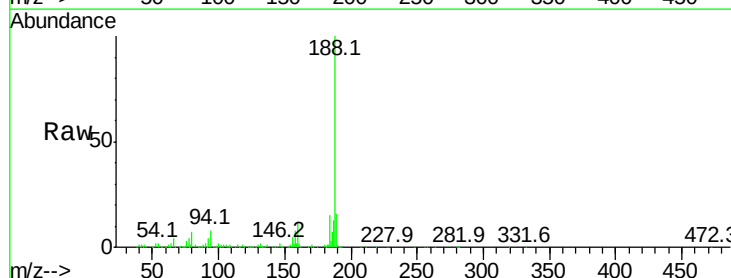


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

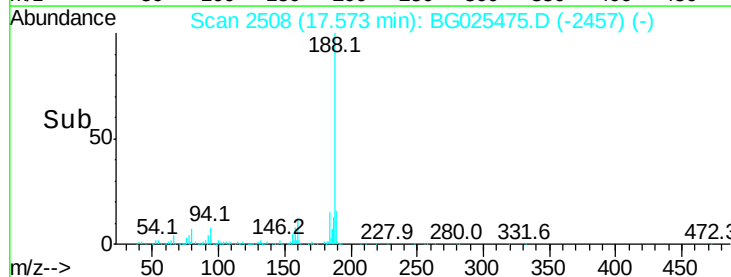
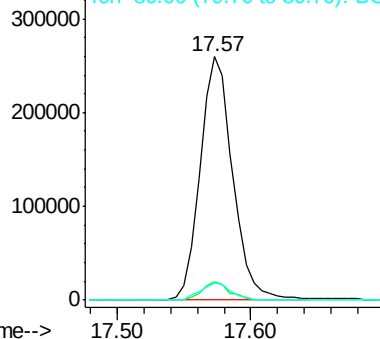


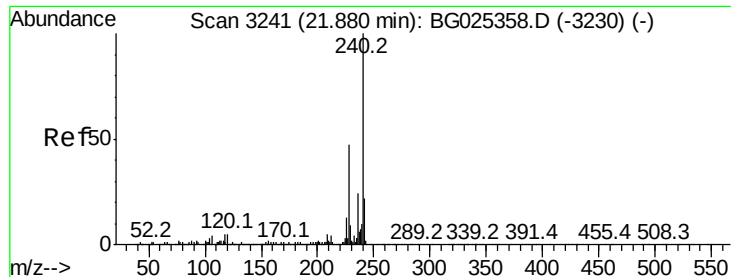
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BG025475.D
Acq: 11 Jan 2017 16:00

Tgt Ion:188 Resp: 440138
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.8
80 6.8 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

Chrvsene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG025475.D

Acq: 11 Jan 2017 16:00

Instrument :

BNA_G

ClientSampleId :

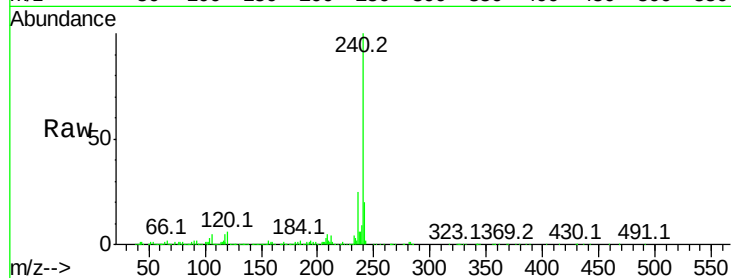
Tot Ion:240 Resp: 637231

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

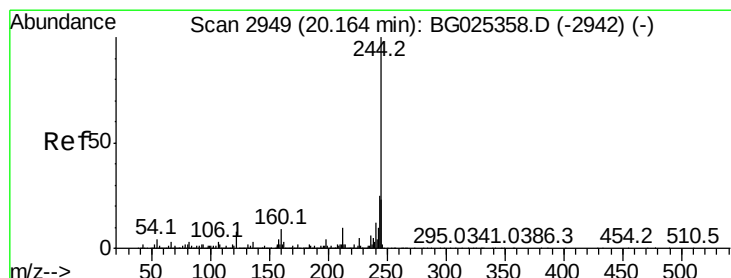
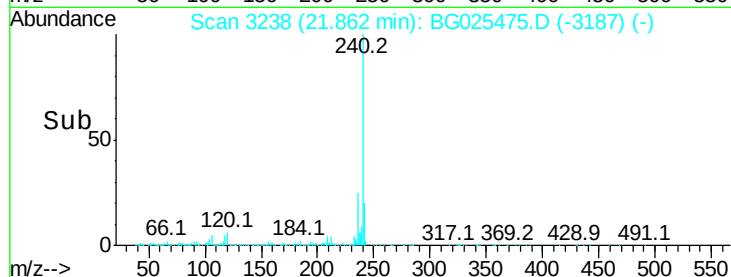
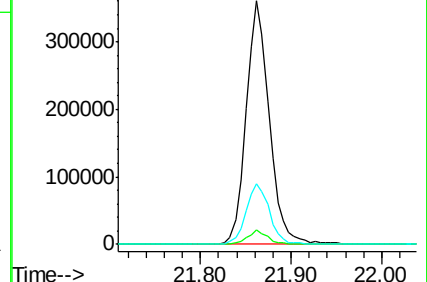
236 25.1 22.2 33.4



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: 98.37 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG025475.D

Acq: 11 Jan 2017 16:00

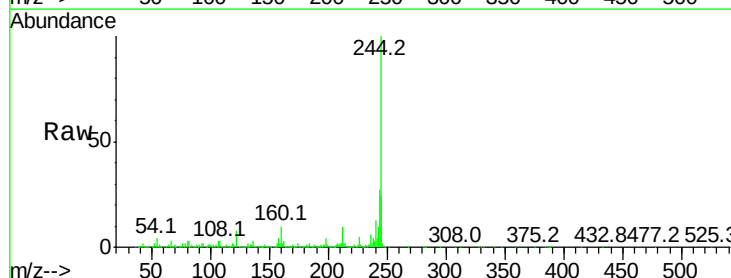
Tgt Ion:244 Resp: 2364235

Ion Ratio Lower Upper

244 100

212 10.1 10.0 15.0

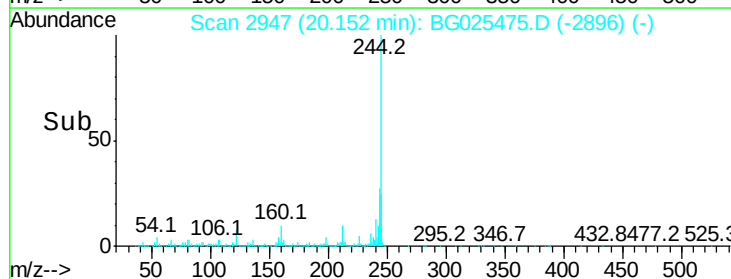
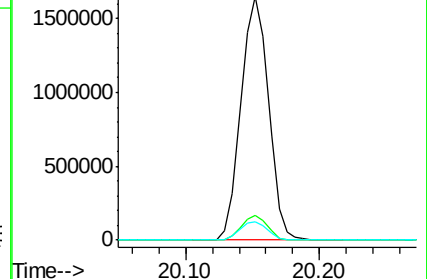
122 7.7 8.6 12.8#

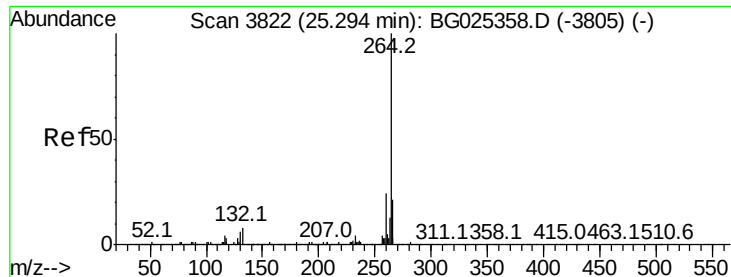


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

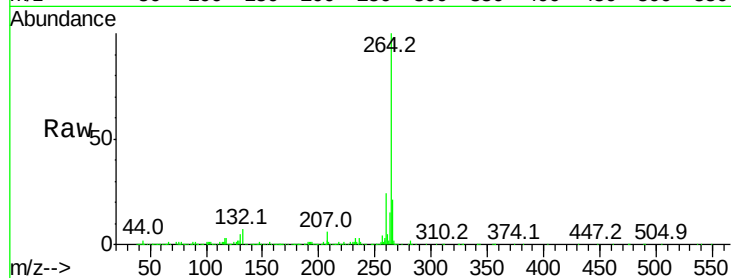




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3817
Delta R.T. -0.00 min
Lab File: BG025475.D
Acq: 11 Jan 2017 16:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	20.5	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

