

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082517\
 Data File : BG082504.D
 Acq On : 25 Aug 2017 23:40
 Operator : SJ/JU
 Sample : I4885-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AQ2

Quant Time: Aug 26 01:57:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 26 01:54:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	34632	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	150396	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	104576	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.80	188	542539	20.00	ng/ul	0.10
75) Chrysene-d12	22.03	240	282715	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	279701	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	4986	6.70	ng/uL	0.00
5) Phenol-d5	7.49	99	142205	37.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	89410	37.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	100962	42.08	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	116850	36.76	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	53609	45.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	64743	50.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	118471	44.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	149567	50.37	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	386999	41.61	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	460595	43.92	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	57667	38.99	ng/ul	0.00
57) Fluorene-d10	15.94	176	333691	39.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	1598	0.45	ng/ul	0.08
70) Anthracene-d10	17.80	188	542539	20.85	ng/ul	0.00
76) Pyrene-d10	20.07	212	632760	43.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	617029	47.12	ng/ul	0.00

Target Compounds

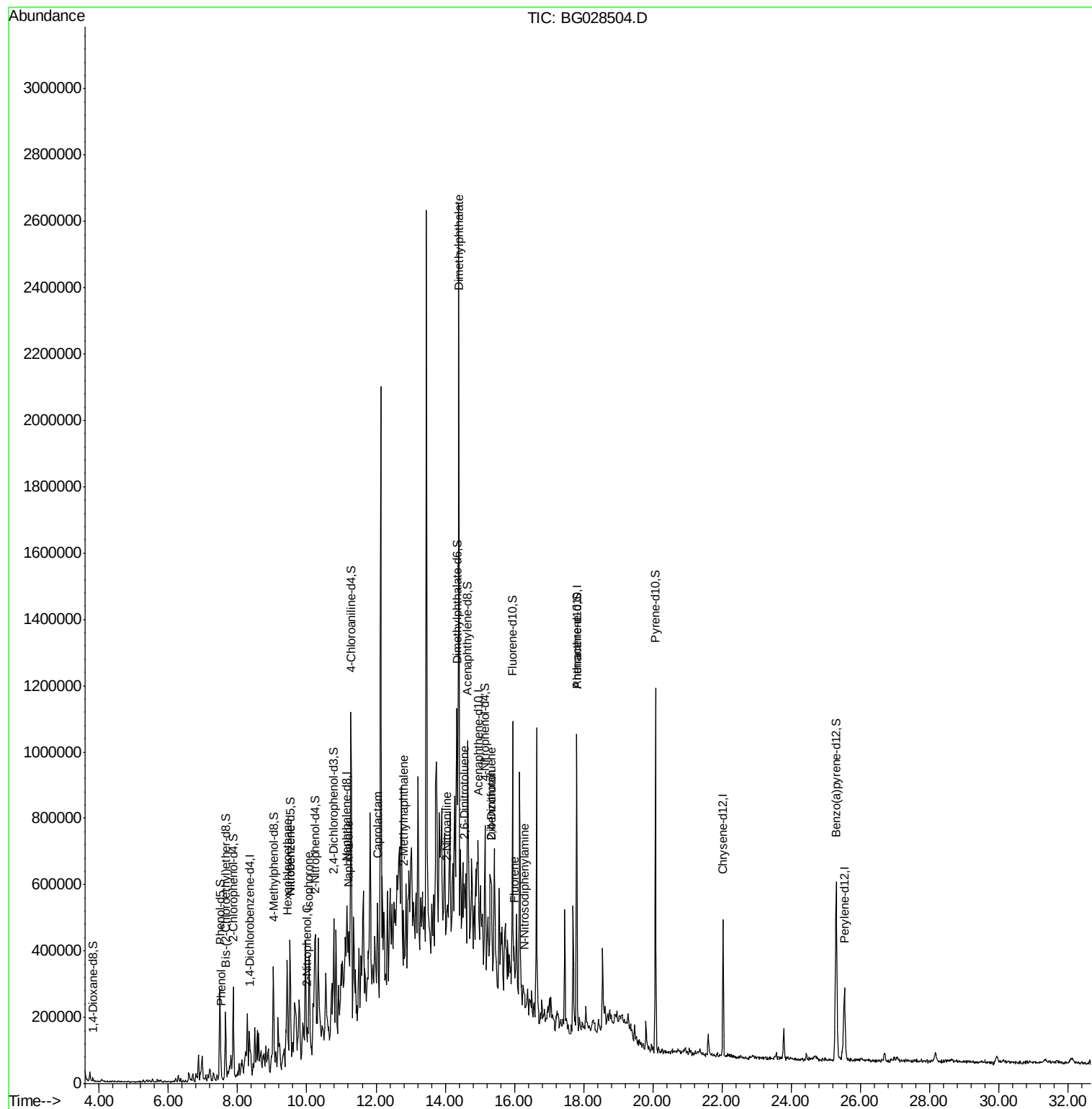
					Ovalue
6) Phenol	7.52	94	9109	2.410	ng/ul# 74
17) Hexachloroethane	9.44	117	11354	11.718	ng/ul# 1
20) Nitrobenzene	9.52	77	5098	1.497	ng/ul# 31
21) Isophorone	10.07	82	24888	3.848	ng/ul# 1
23) 2-Nitrophenol	10.01	139	1734	1.332	ng/ul 89
28) Naphthalene	11.21	128	36017	4.835	ng/ul# 72
32) Caprolactam	12.04	113	2263	2.241	ng/ul# 1
34) 2-Methylnaphthalene	12.79	142	57312	9.579	ng/ul 87
42) 2-Nitroaniline	14.05	65	3124	1.234	ng/ul# 1
44) Dimethylphthalate	14.39	163	138628	16.187	ng/ul# 96
45) 2,6-Dinitrotoluene	14.55	165	2875	1.626	ng/ul# 64
53) Dibenzofuran	15.34	168	14414	1.462	ng/ul# 50
54) 2,4-Dinitrotoluene	15.34	165	5590	2.086	ng/ul# 77
58) Fluorene	16.00	166	20194	2.314	ng/ul# 83
64) N-Nitrosodiphenylamine	16.30	169	19447	1.362	ng/ul# 40

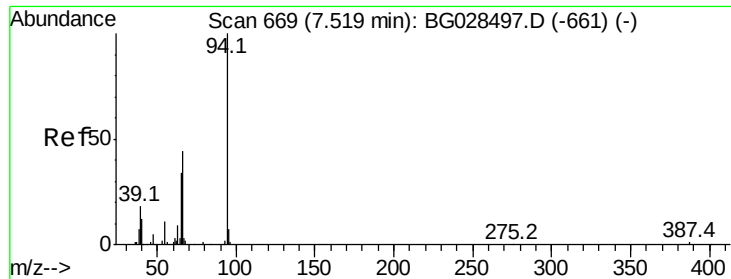
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082517\
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 26 01:54:26 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.410 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG028504.D

Acq: 25 Aug 2017 23:40

Instrument :

BNA_G

ClientSampleId :

B0AQ2

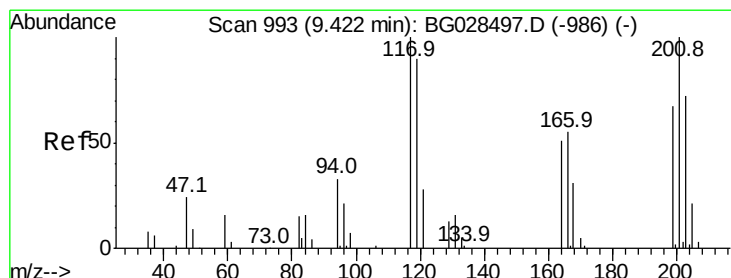
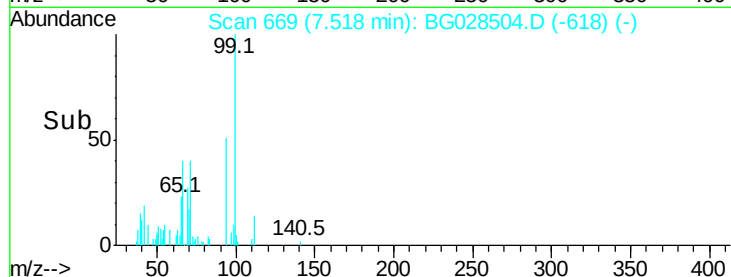
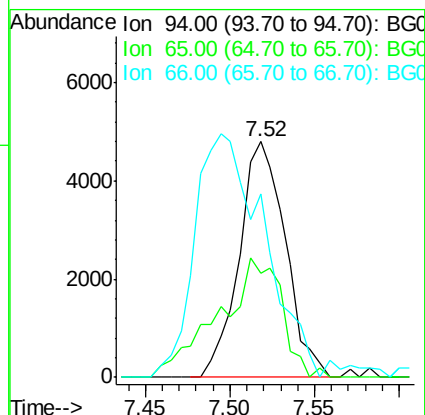
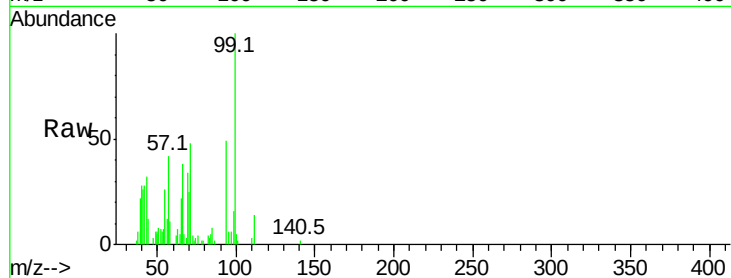
Tot Ion: 94 Resp: 9109

Ion Ratio Lower Upper

94 100

65 44.2 26.8 40.2#

66 77.9 44.4 66.6#



#17

Hexachloroethane

Concen: 11.718 ng/ul

RT: 9.44 min Scan# 996

Delta R.T. 0.02 min

Lab File: BG028504.D

Acq: 25 Aug 2017 23:40

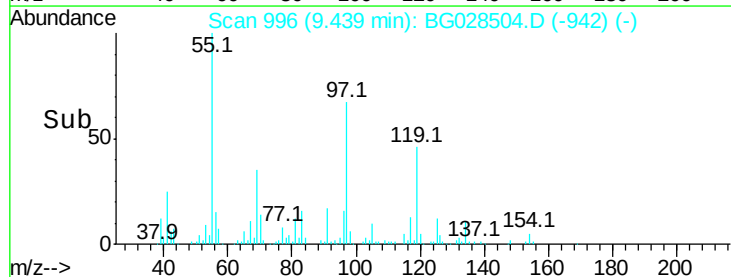
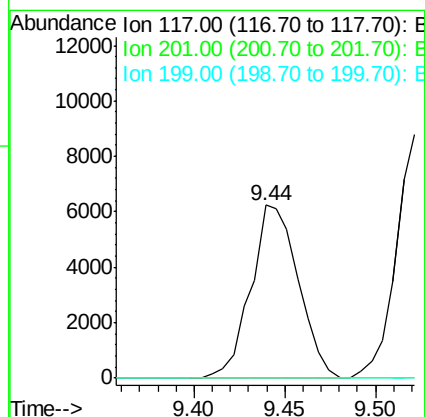
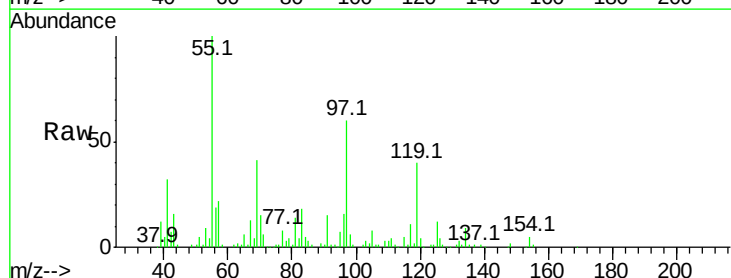
Tgt Ion: 117 Resp: 11354

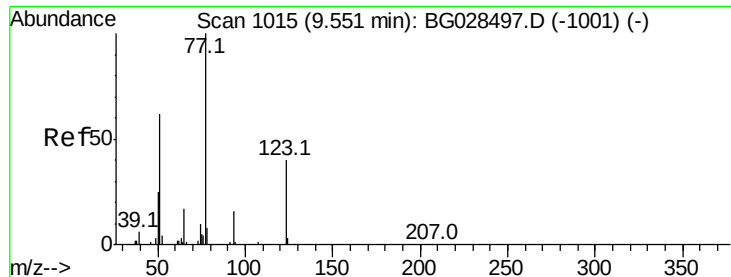
Ion Ratio Lower Upper

117 100

201 0.0 91.9 137.9#

199 0.0 64.3 96.5#

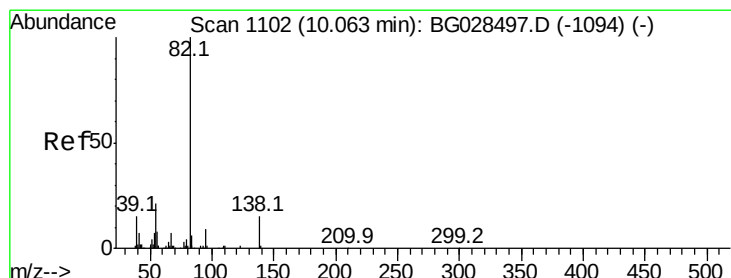
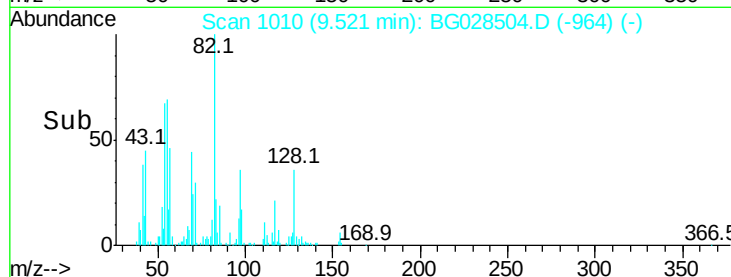
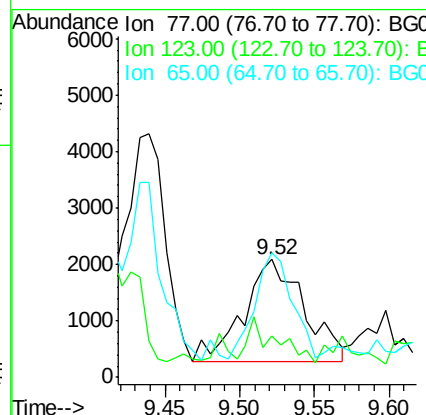
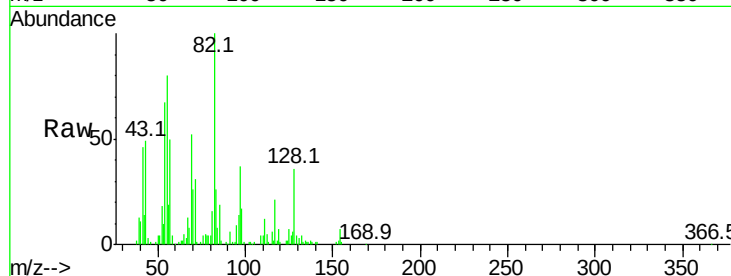




#20
 Nitrobenzene
 Concen: 1.497 ng/ul
 RT: 9.52 min Scan# 1010
 Delta R.T. -0.03 min
 Lab File: BG028504.D
 Acq: 25 Aug 2017 23:40

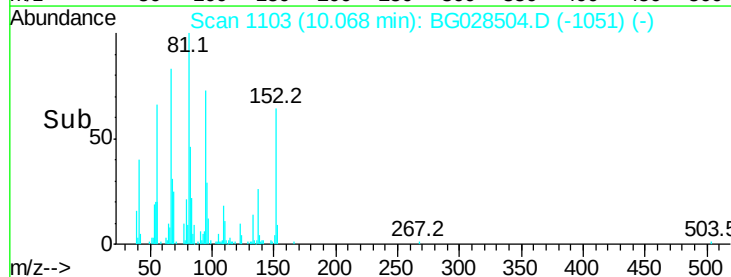
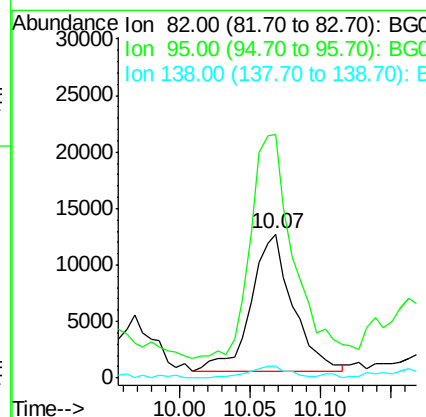
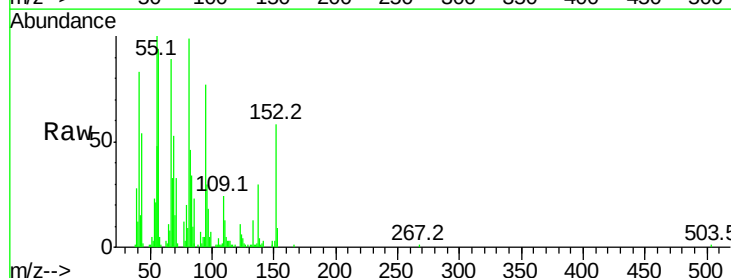
Instrument :
 BNA_G
 ClientSampleId :
 B0AQ2

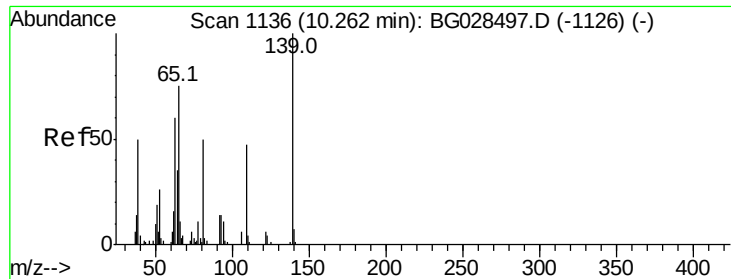
Tot Ion	Ratio	Lower	Upper
77	100		
123	35.4	27.4	41.0
65	105.5	13.3	19.9#



#21
 Isophorone
 Concen: 3.848 ng/ul
 RT: 10.07 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BG028504.D
 Acq: 25 Aug 2017 23:40

Tgt Ion	Ratio	Lower	Upper
82	100		
95	169.3	7.8	11.6#
138	8.2	12.2	18.2#

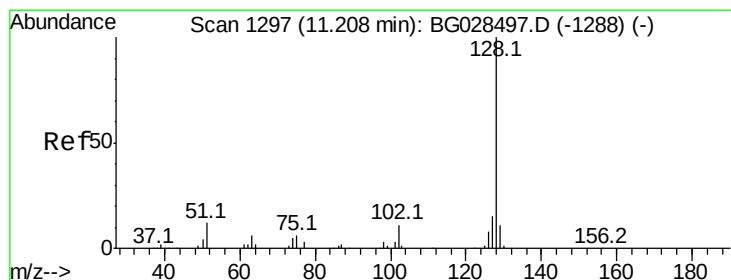
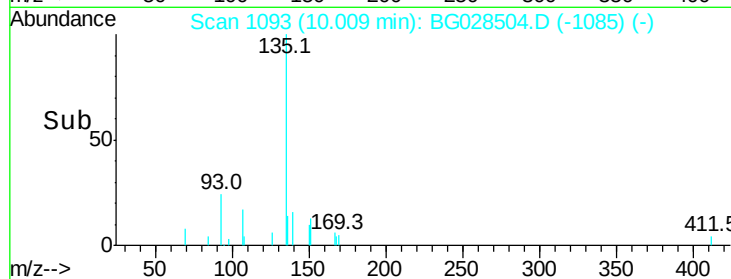
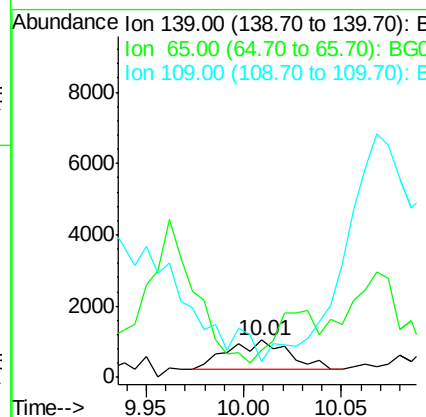
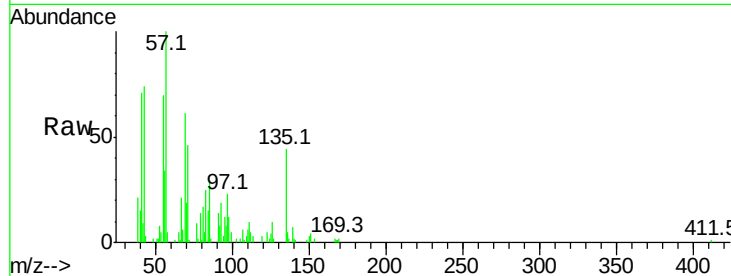




#23
2-Nitrophenol
Concen: 1.332 ng/ul
RT: 10.01 min Scan# 1093
Delta R.T. -0.25 min
Lab File: BG028504.D
Acq: 25 Aug 2017 23:40

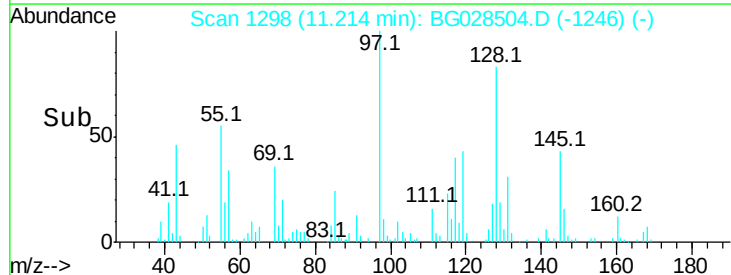
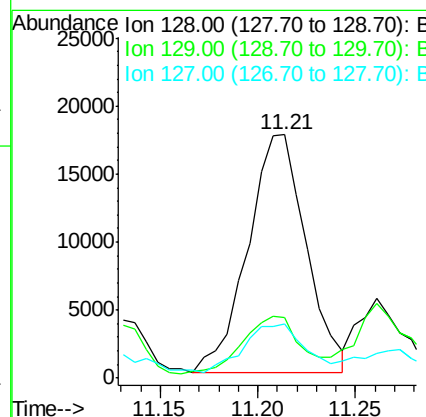
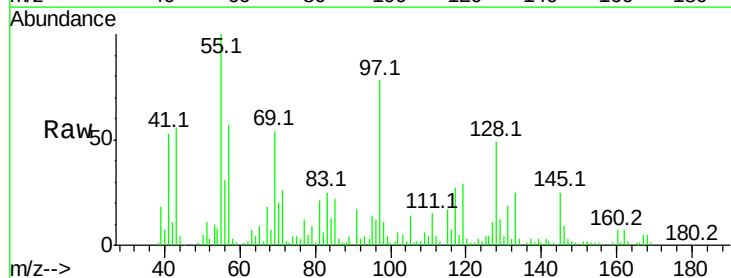
Instrument :
BNA_G
ClientSampleId :
B0AQ2

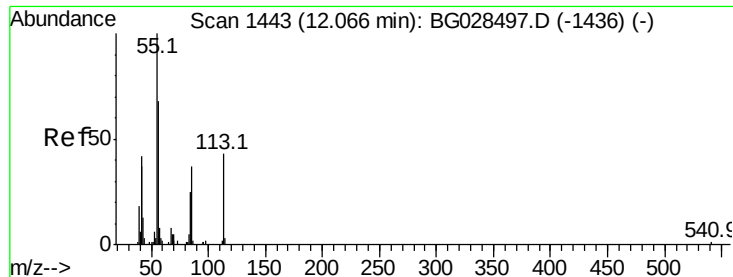
Tot Ion:139 Resp: 1734
Ion Ratio Lower Upper
139 100
65 72.9 67.0 100.6
109 42.8 39.6 59.4



#28
Naphthalene
Concen: 4.835 ng/ul
RT: 11.21 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BG028504.D
Acq: 25 Aug 2017 23:40

Tgt Ion:128 Resp: 36017
Ion Ratio Lower Upper
128 100
129 24.6 9.4 14.2#
127 22.5 10.3 15.5#





#32

Caprolactam

Concen: 2.241 ng/ul

RT: 12.04 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BG028504.D

Acq: 25 Aug 2017 23:40

Instrument :

BNA_G

ClientSampleId :

B0AQ2

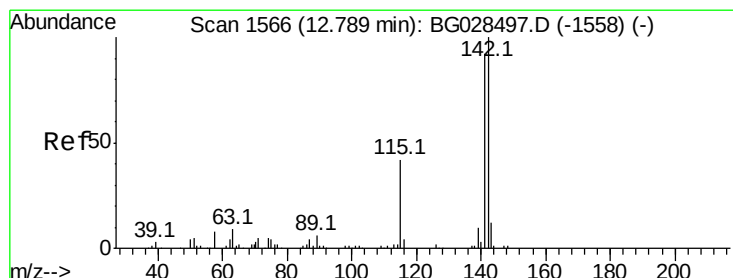
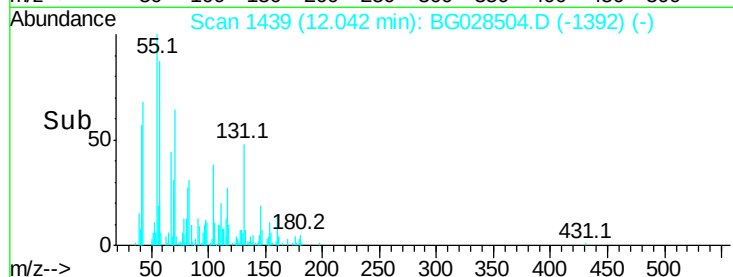
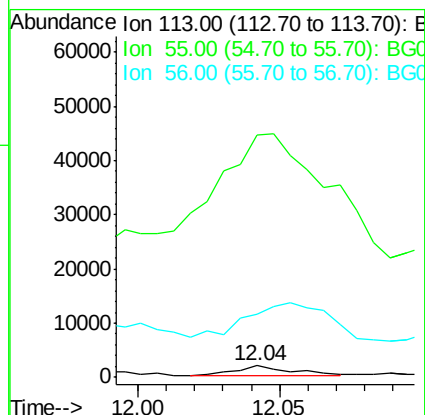
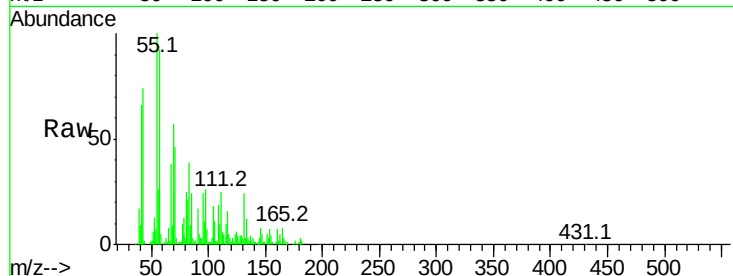
Tot Ion:113 Resp: 2263

Ion Ratio Lower Upper

113 100

55 2127.6 168.6 252.8#

56 559.0 128.5 192.7#



#34

2-Methylnaphthalene

Concen: 9.579 ng/ul

RT: 12.79 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BG028504.D

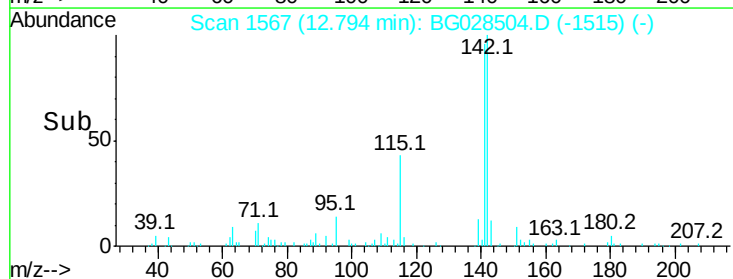
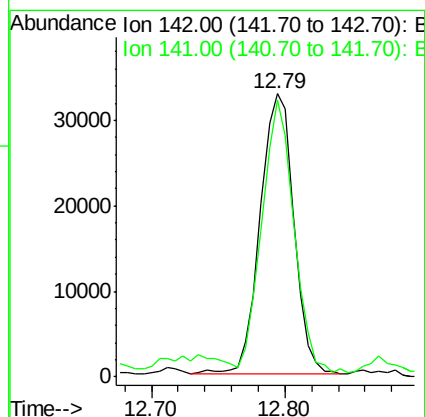
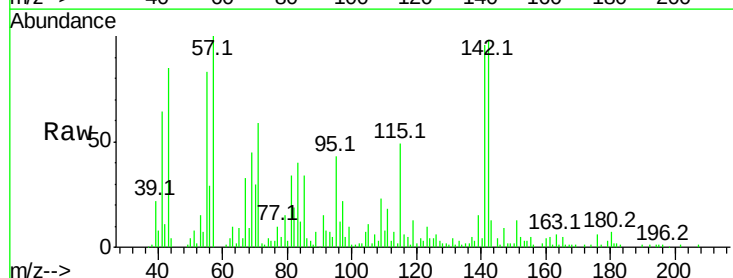
Acq: 25 Aug 2017 23:40

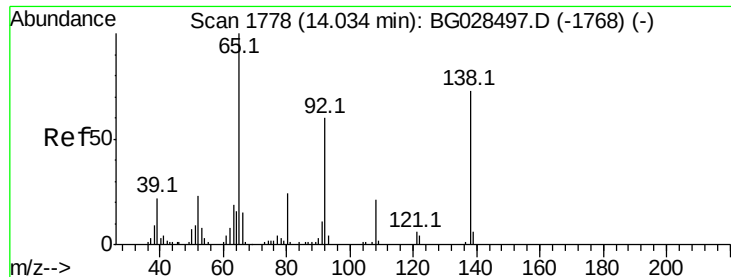
Tgt Ion:142 Resp: 57312

Ion Ratio Lower Upper

142 100

141 98.0 68.6 102.8





#42

2-Nitroaniline

Concen: 1.234 ng/ul

RT: 14.05 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BG028504.D

Acq: 25 Aug 2017 23:40

Instrument :

BNA_G

ClientSampleId :

B0AQ2

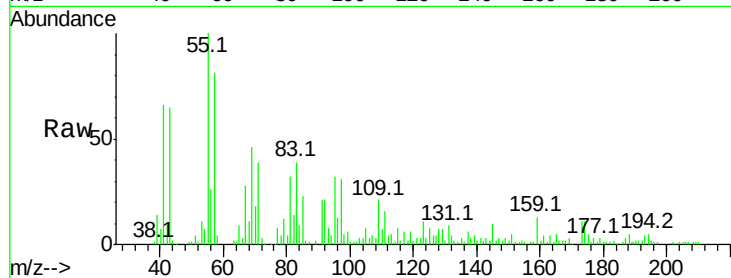
Tot Ion: 65 Resp: 3124

Ion Ratio Lower Upper

65 100

92 234.1 50.9 76.3#

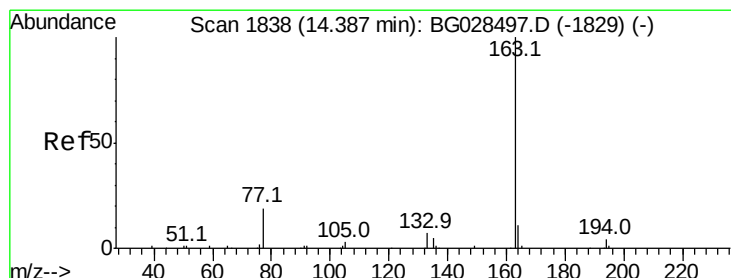
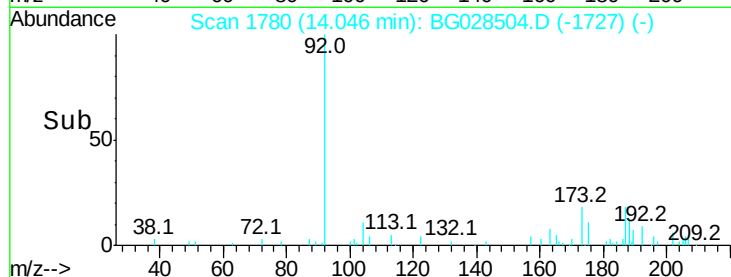
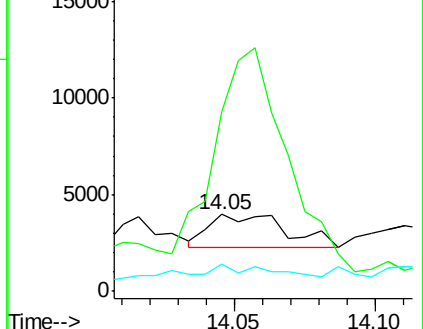
138 36.2 61.8 92.6#



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#44

Dimethylphthalate

Concen: 16.187 ng/ul

RT: 14.39 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BG028504.D

Acq: 25 Aug 2017 23:40

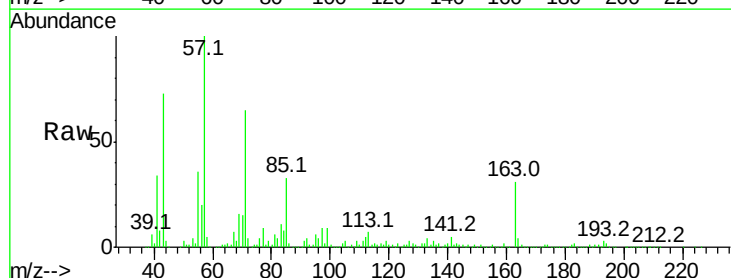
Tgt Ion:163 Resp: 138628

Ion Ratio Lower Upper

163 100

194 6.5 3.4 5.0#

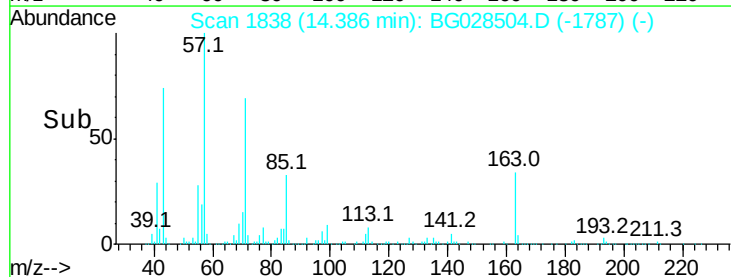
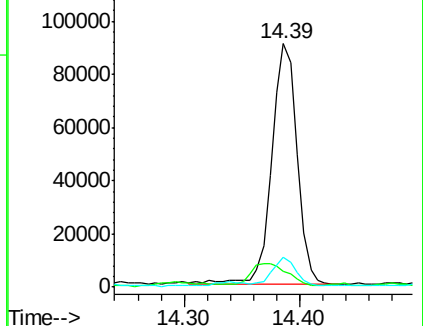
164 12.5 9.0 13.4

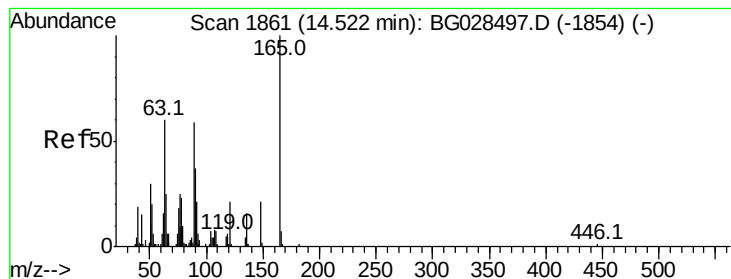


Abundance Ion 163.00 (162.70 to 163.70): BGC

Ion 194.00 (193.70 to 194.70): BGC

Ion 164.00 (163.70 to 164.70): BGC





#45

2,6-Dinitrotoluene

Concen: 1.626 ng/ul

RT: 14.55 min Scan# 1866

Delta R.T. 0.03 min

Lab File: BG028504.D

Acq: 25 Aug 2017 23:40

Instrument :

BNA_G

ClientSampleId :

B0AQ2

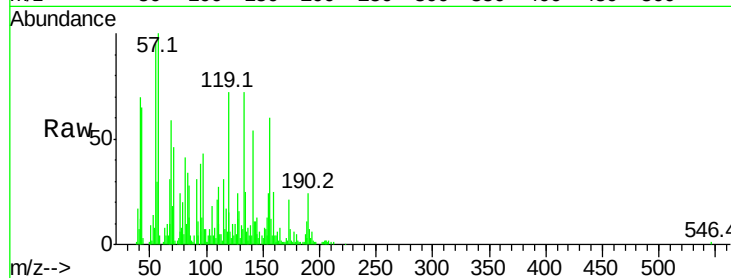
Tot Ion:165 Resp: 2875

Ion Ratio Lower Upper

165 100

89 55.8 52.9 79.3

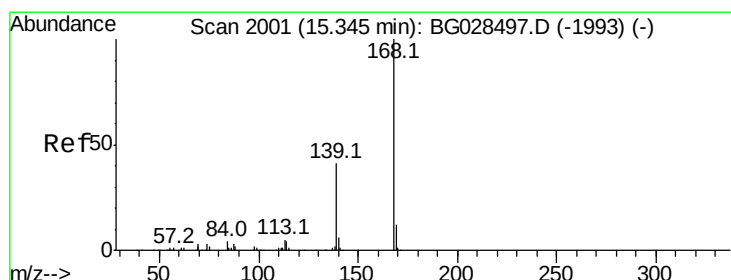
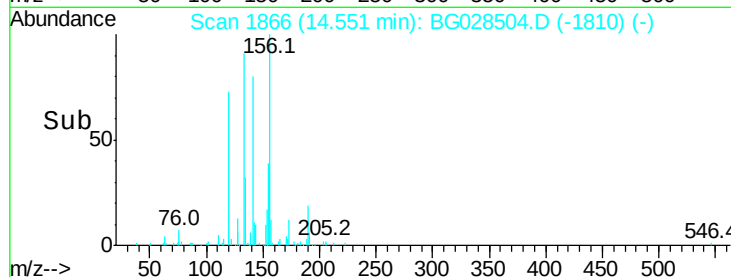
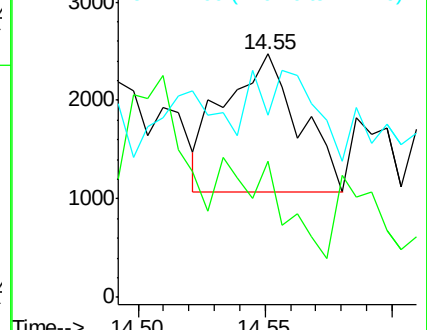
121 75.0 22.2 33.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E



#53

Dibenzofuran

Concen: 1.462 ng/ul

RT: 15.34 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BG028504.D

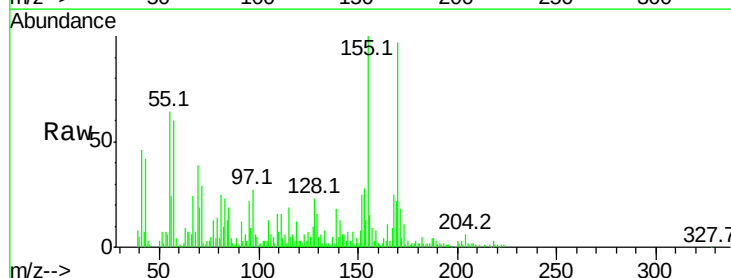
Acq: 25 Aug 2017 23:40

Tgt Ion:168 Resp: 14414

Ion Ratio Lower Upper

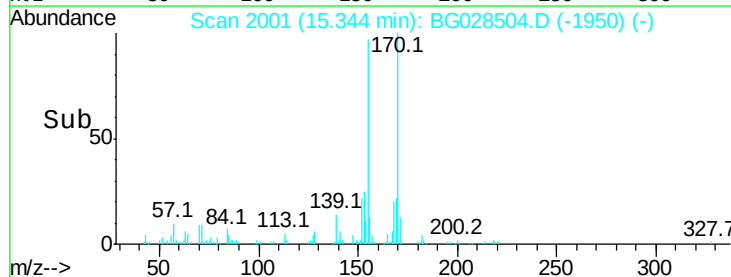
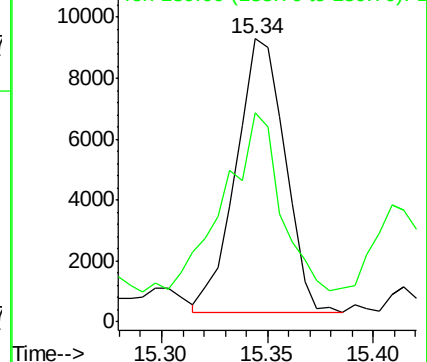
168 100

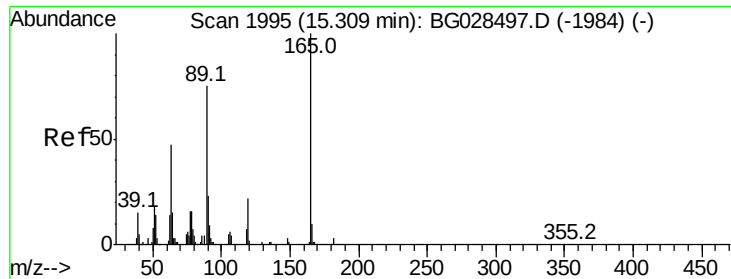
139 73.8 33.8 50.8#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

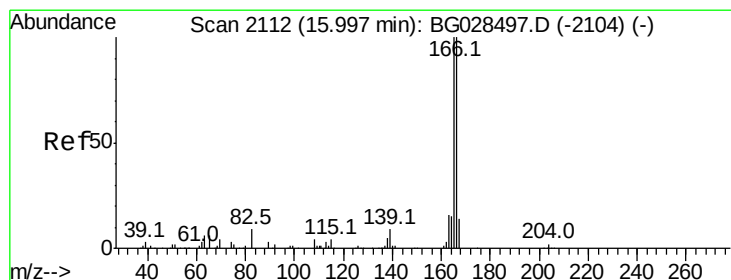
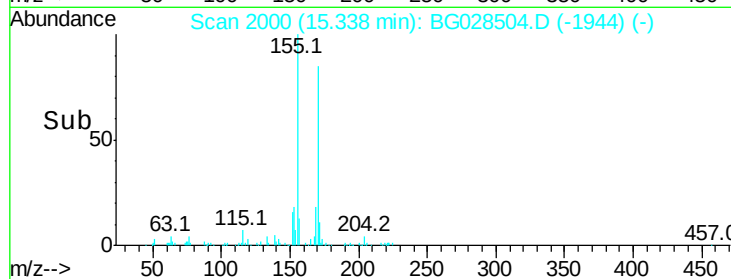
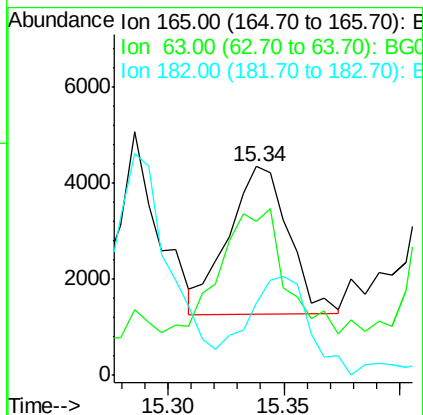
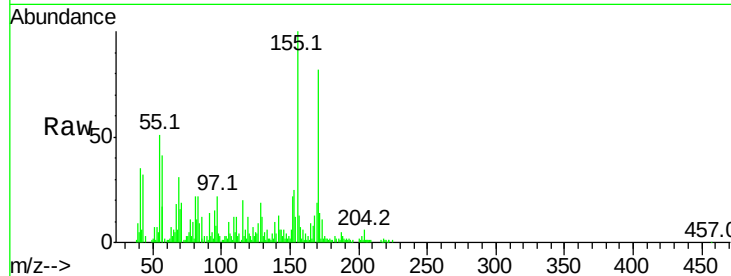




#54
 2,4-Dinitrotoluene
 Concen: 2.086 ng/ul
 RT: 15.34 min Scan# 2000
 Delta R.T. 0.03 min
 Lab File: BG028504.D
 Acq: 25 Aug 2017 23:40

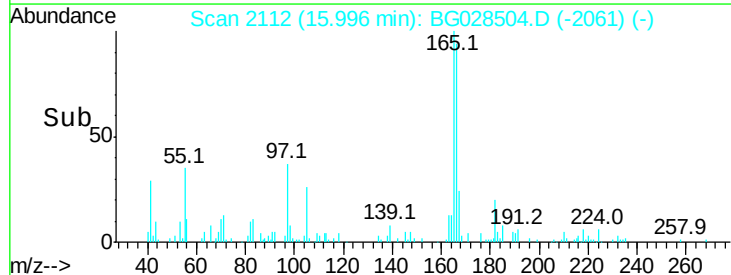
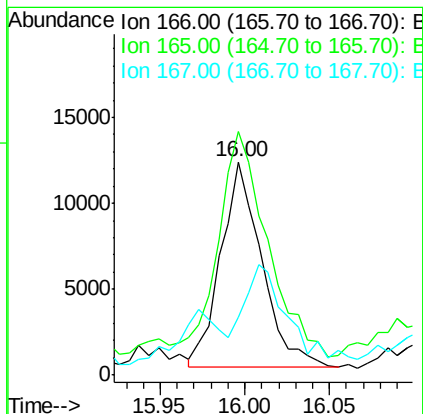
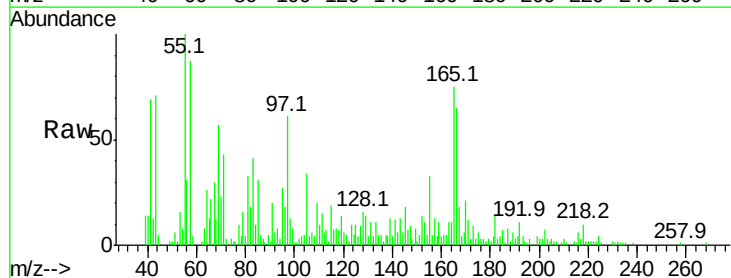
Instrument :
 BNA_G
 ClientSampleId :
 B0AQ2

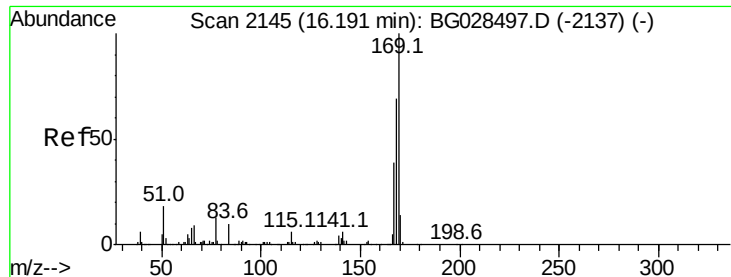
Tot Ion:165 Resp: 5590
 Ion Ratio Lower Upper
 165 100
 63 73.6 46.8 70.2#
 182 34.6 1.8 2.6#



#58
 Fluorene
 Concen: 2.314 ng/ul
 RT: 16.00 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG028504.D
 Acq: 25 Aug 2017 23:40

Tgt Ion:166 Resp: 20194
 Ion Ratio Lower Upper
 166 100
 165 114.2 79.7 119.5
 167 27.1 11.4 17.2#

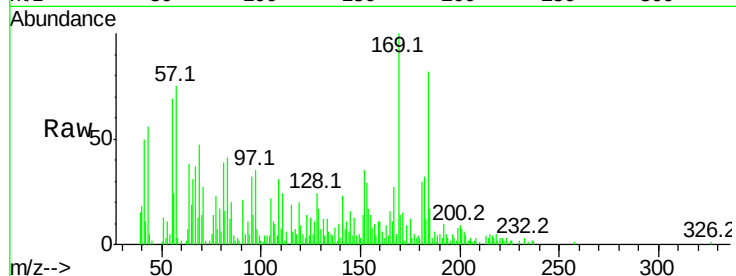




#64
 N-Nitrosodiphenylamine
 Concen: 1.362 ng/ul
 RT: 16.30 min Scan# 2163
 Delta R.T. 0.11 min
 Lab File: BG028504.D
 Acq: 25 Aug 2017 23:40

Instrument :
 BNA_G
 ClientSampleId :
 B0AQ2

Tot Ion:169 Resp: 19447
 Ion Ratio Lower Upper
 169 100
 168 5.4 59.1 88.7#
 167 27.0 29.7 44.5#



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

