

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG082820.D
 Acq On : 28 Aug 2017 15:56
 Operator : SJ/JU
 Sample : I4905-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AW9

Quant Time: Aug 29 01:31:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 01:30:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	35454	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	143363	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	94891	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.80	188	447199	20.00	ng/ul	0.10
75) Chrysene-d12	22.03	240	284594	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	288070	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	4746	6.23	ng/uL	0.00
5) Phenol-d5	7.49	99	106583	27.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	69829	28.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	80976	32.96	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	80974	24.88	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	41627	37.13	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	48700	39.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	88693	34.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	95272	33.66	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	294524	34.90	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	343486	36.10	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	44363	33.06	ng/ul	0.00
57) Fluorene-d10	15.94	176	266280	35.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.16	200	2048	0.70	ng/ul	0.10
70) Anthracene-d10	17.80	188	447383	20.86	ng/ul	0.00
76) Pyrene-d10	20.08	212	548957	37.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	536737	39.80	ng/ul	0.00

Target Compounds

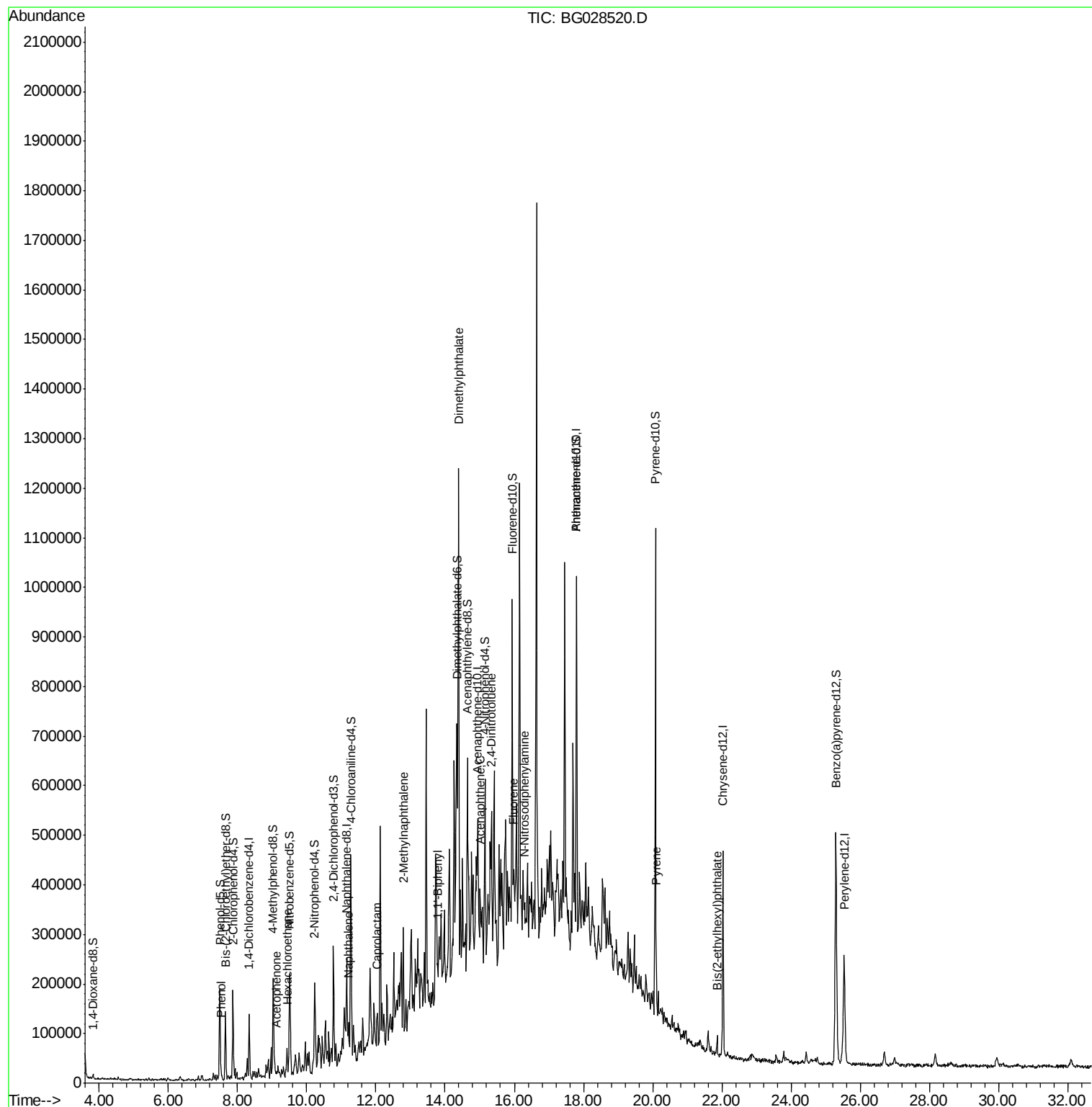
				Ovalue	
6) Phenol	7.52	94	6461	1.670	ng/ul 99
14) Acetophenone	9.14	105	9893	2.132	ng/ul# 25
17) Hexachloroethane	9.44	117	3546	3.575	ng/ul# 1
28) Naphthalene	11.20	128	21806	3.071	ng/ul# 88
32) Caprolactam	12.03	113	1231	1.279	ng/ul# 1
34) 2-Methylnaphthalene	12.79	142	89174	15.636	ng/ul 97
40) 1,1'-Biphenyl	13.78	154	12031	1.736	ng/ul# 93
44) Dimethylphthalate	14.38	163	83349	10.726	ng/ul# 98
49) Acenaphthene	15.02	153	12684	2.067	ng/ul# 67
54) 2,4-Dinitrotoluene	15.34	165	5804	2.387	ng/ul# 84
58) Fluorene	15.99	166	21566	2.723	ng/ul# 79
64) N-Nitrosodiphenylamine	16.30	169	28286	2.404	ng/ul# 42
77) Pyrene	20.10	202	23711	1.396	ng/ul# 93
81) Bis(2-ethylhexyl)phthalate	21.86	149	21396	2.365	ng/ul# 89

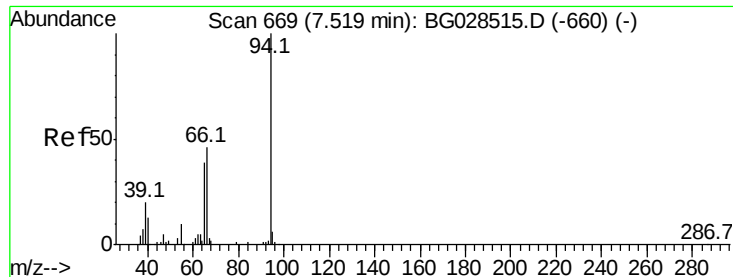
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028520.D
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QLast Update : Tue Aug 29 01:30:36 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.670 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG028520.D

Acq: 28 Aug 2017 15:56

Instrument :

BNA_G

ClientSampled :

B0AW9

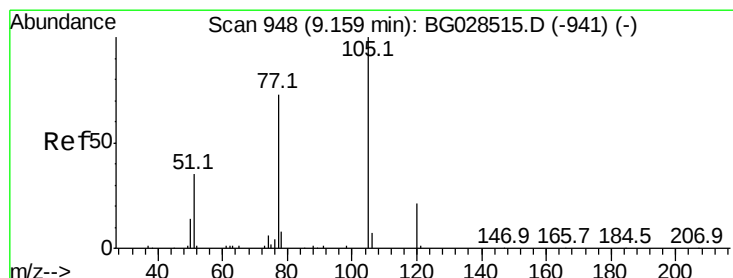
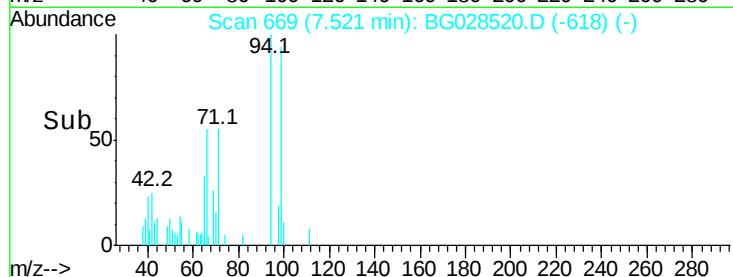
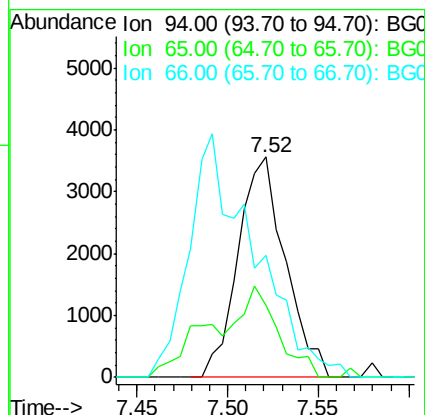
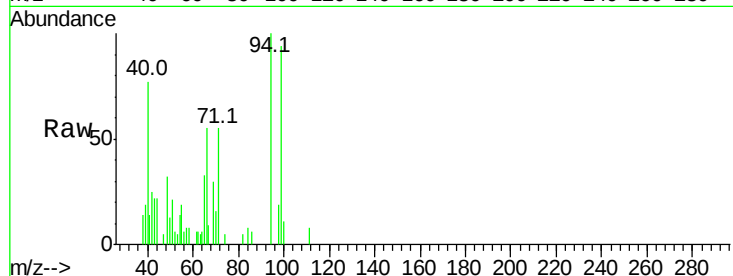
Tot Ion: 94 Resp: 6461

Ion Ratio Lower Upper

94 100

65 32.5 26.8 40.2

66 55.3 44.4 66.6



#14

Acetophenone

Concen: 2.132 ng/ul

RT: 9.14 min Scan# 944

Delta R.T. -0.02 min

Lab File: BG028520.D

Acq: 28 Aug 2017 15:56

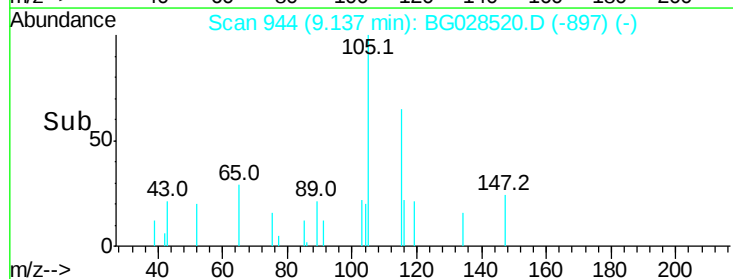
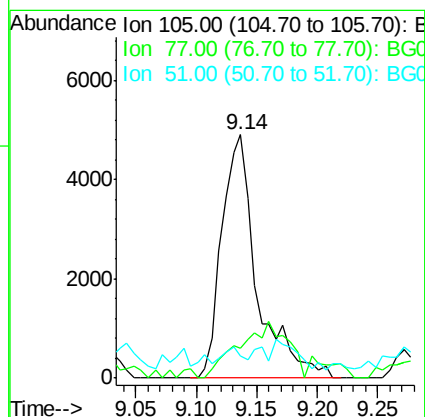
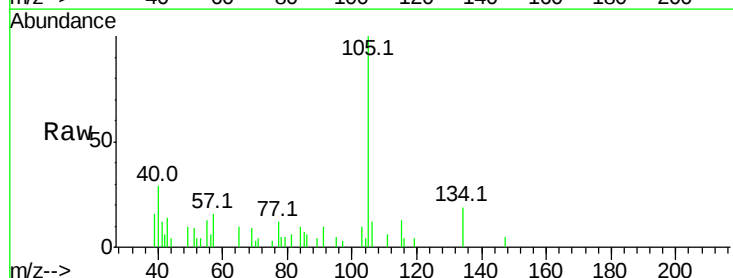
Tgt Ion: 105 Resp: 9893

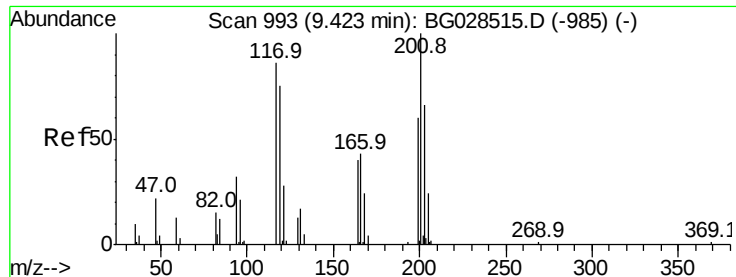
Ion Ratio Lower Upper

105 100

77 12.1 76.0 114.0#

51 9.2 34.8 52.2#





#17

Hexachloroethane

Concen: 3.575 ng/ul

RT: 9.44 min Scan# 996

Delta R.T. 0.02 min

Lab File: BG028520.D

Acq: 28 Aug 2017 15:56

Instrument :

BNA_G

ClientSampleId :

B0AW9

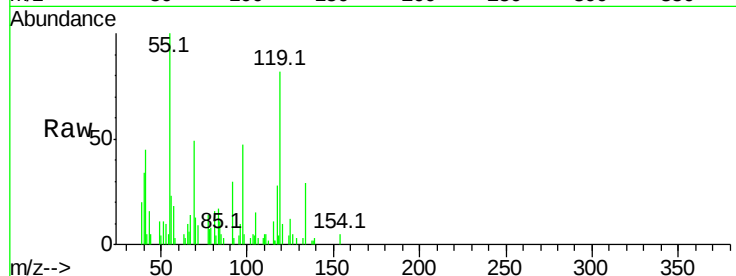
Tot Ion:117 Resp: 3546

Ion Ratio Lower Upper

117 100

201 0.0 91.9 137.9#

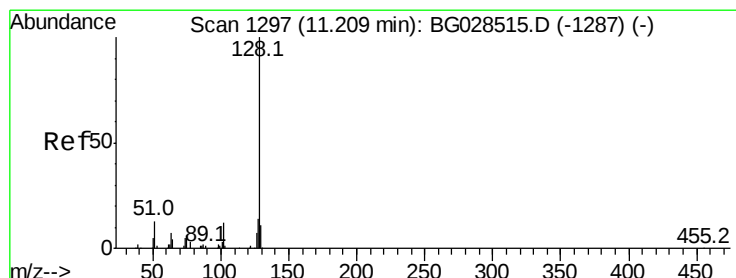
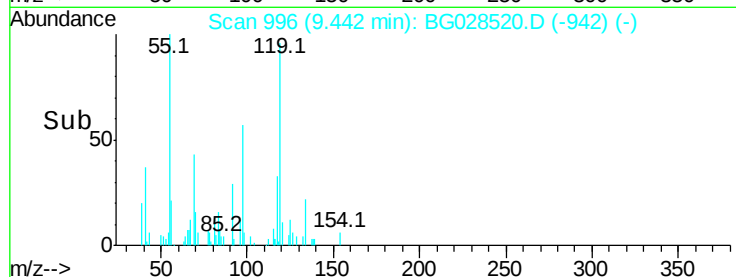
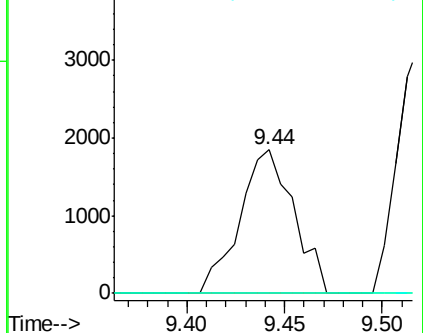
199 0.0 64.3 96.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#28

Naphthalene

Concen: 3.071 ng/ul

RT: 11.20 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG028520.D

Acq: 28 Aug 2017 15:56

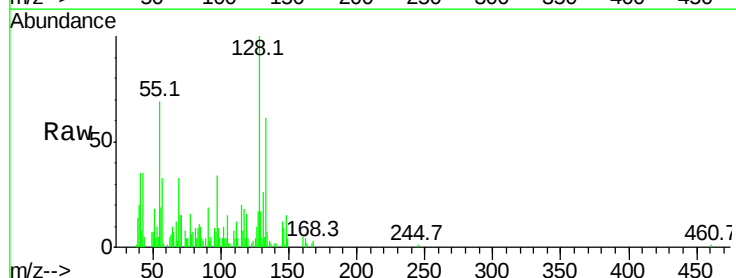
Tgt Ion:128 Resp: 21806

Ion Ratio Lower Upper

128 100

129 16.9 9.4 14.2#

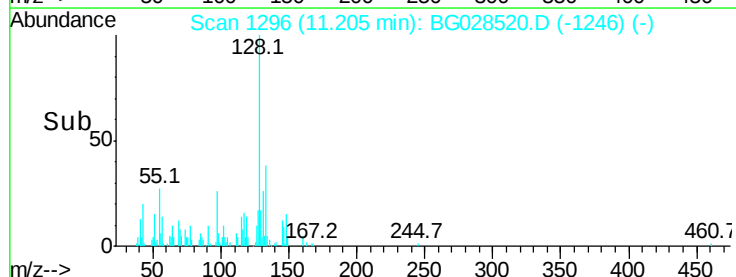
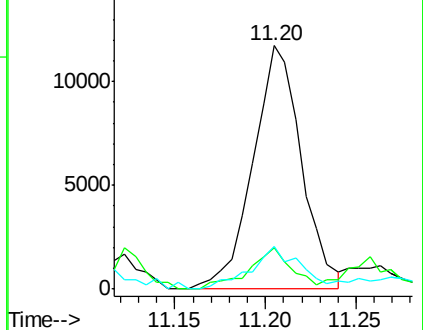
127 17.4 10.3 15.5#

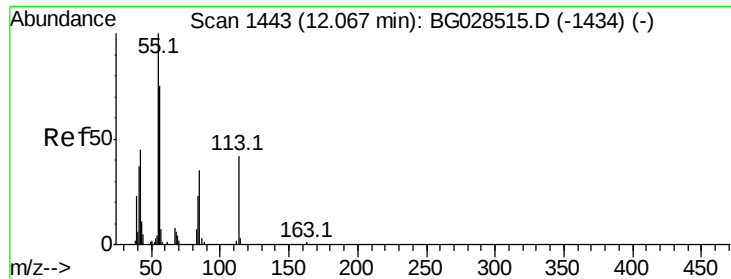


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

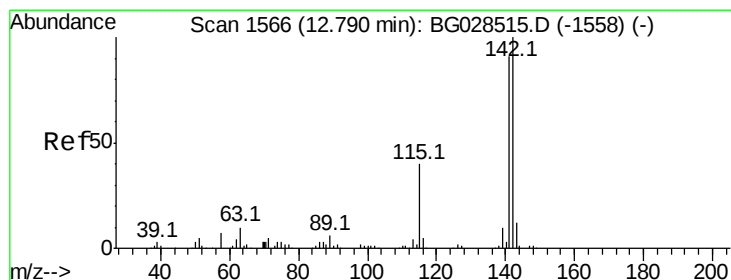
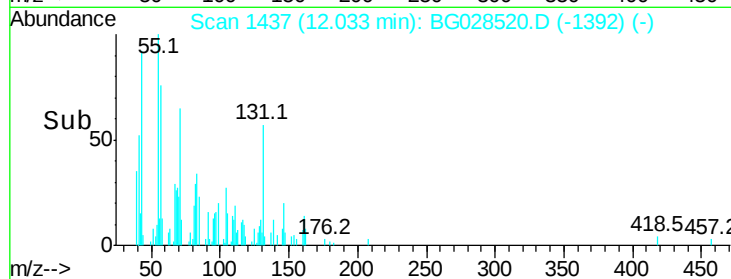
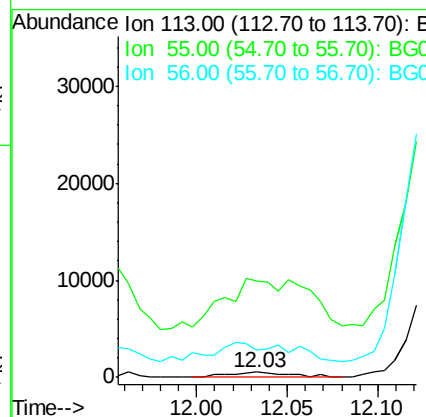
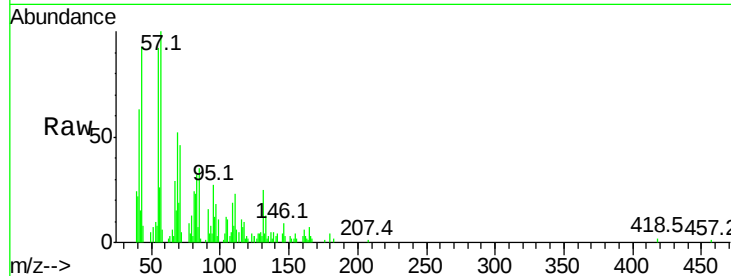




#32
 Caprolactam
 Concen: 1.279 ng/ul
 RT: 12.03 min Scan# 1437
 Delta R.T. -0.03 min
 Lab File: BG028520.D
 Acq: 28 Aug 2017 15:56

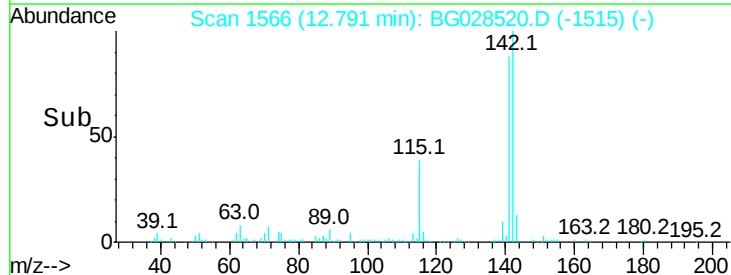
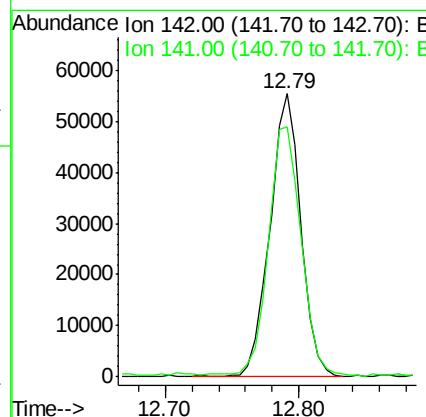
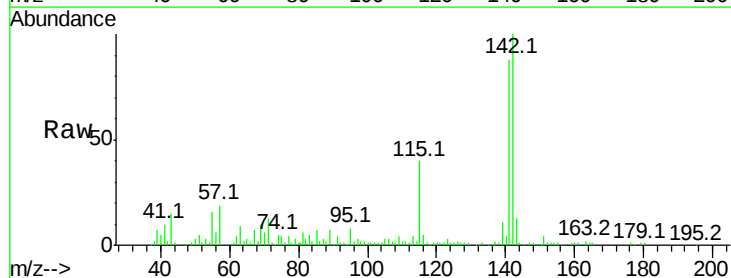
Instrument :
 BNA_G
 ClientSampleId :
 B0AW9

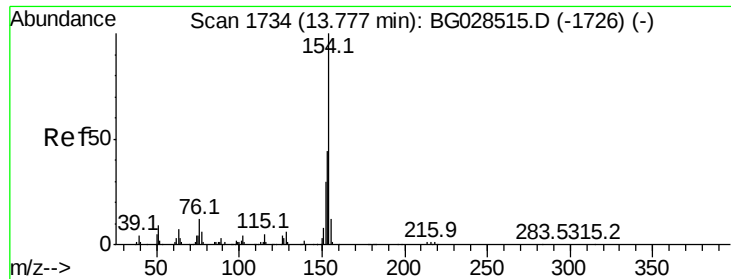
Tot Ion:113 Resp: 1231
 Ion Ratio Lower Upper
 113 100
 55 1849.1 168.6 252.8#
 56 521.9 128.5 192.7#



#34
 2-Methylnaphthalene
 Concen: 15.636 ng/ul
 RT: 12.79 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BG028520.D
 Acq: 28 Aug 2017 15:56

Tgt Ion:142 Resp: 89174
 Ion Ratio Lower Upper
 142 100
 141 88.5 68.6 102.8

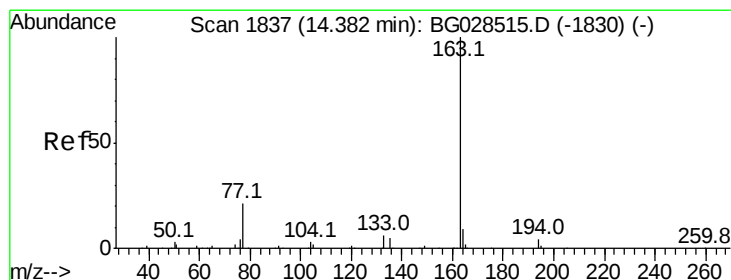
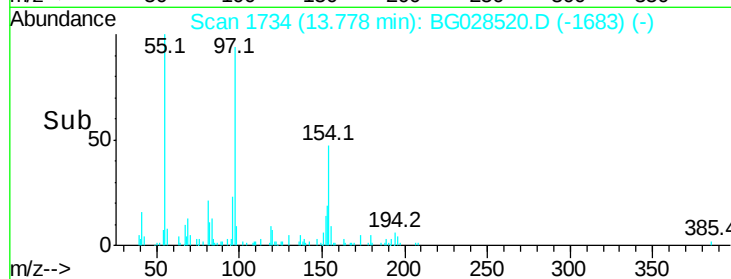
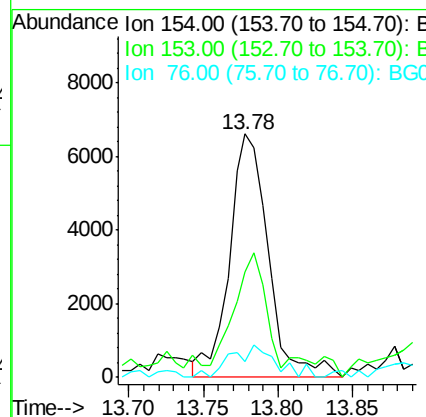
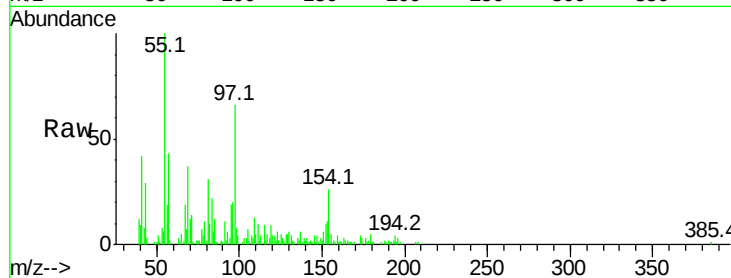




#40
 1,1'-Biphenyl
 Concen: 1.736 ng/ul
 RT: 13.78 min Scan# 1734
 Delta R.T. 0.00 min
 Lab File: BG028520.D
 Acq: 28 Aug 2017 15:56

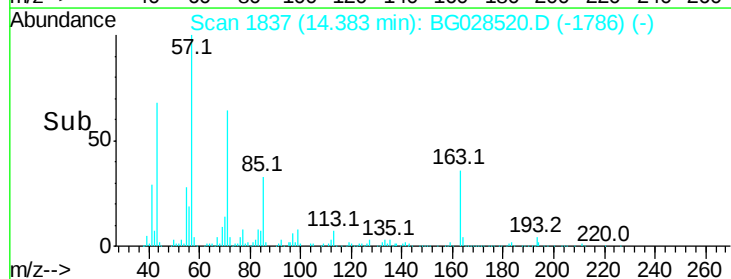
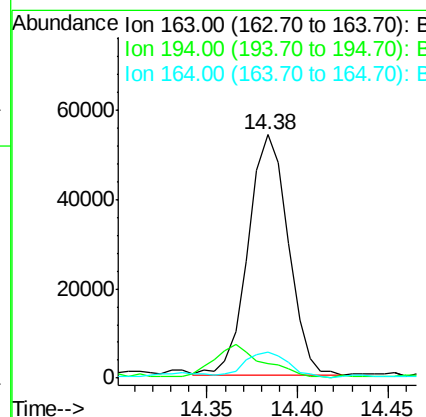
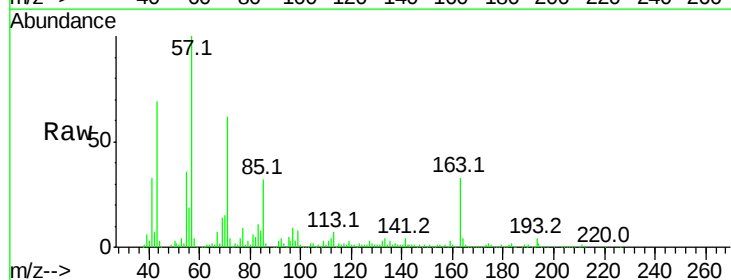
Instrument :
 BNA_G
 ClientSampleId :
 B0AW9

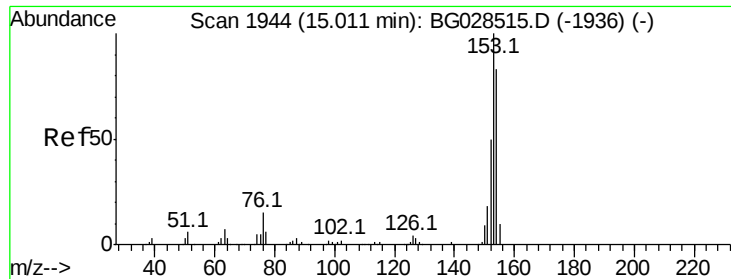
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.2	32.2	48.2
76	6.7	9.6	14.4



#44
 Dimethylphthalate
 Concen: 10.726 ng/ul
 RT: 14.38 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: BG028520.D
 Acq: 28 Aug 2017 15:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.4	5.0
164	10.8	9.0	13.4





#49

Acenaphthene

Concen: 2.067 ng/ul

RT: 15.02 min Scan# 1945

Delta R.T. 0.01 min

Lab File: BG028520.D

Acq: 28 Aug 2017 15:56

Instrument :

BNA_G

ClientSampleId :

B0AW9

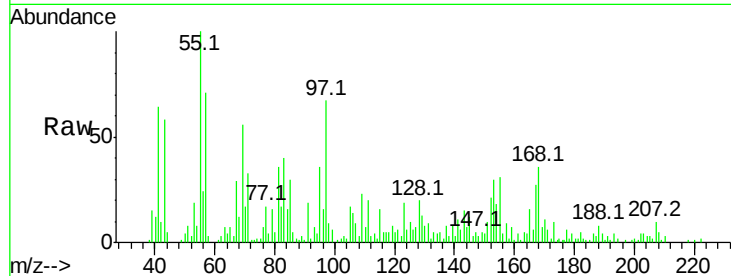
Tot Ion:153 Resp: 12684

Ion Ratio Lower Upper

153 100

152 68.3 36.5 54.7#

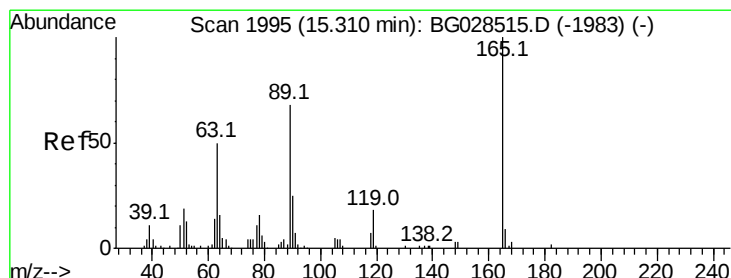
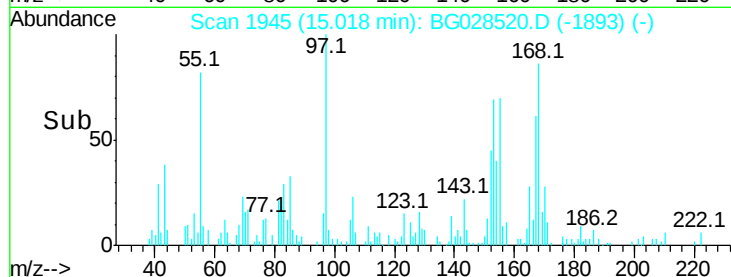
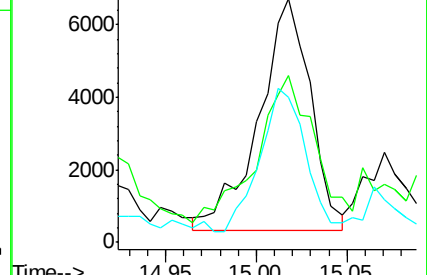
154 59.5 72.3 108.5#



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

2,4-Dinitrotoluene

Concen: 2.387 ng/ul

RT: 15.34 min Scan# 2000

Delta R.T. 0.03 min

Lab File: BG028520.D

Acq: 28 Aug 2017 15:56

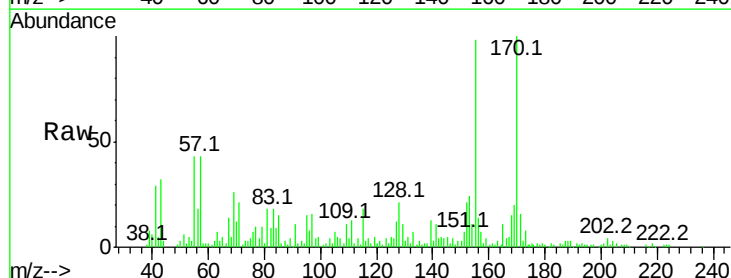
Tgt Ion:165 Resp: 5804

Ion Ratio Lower Upper

165 100

63 69.6 46.8 70.2

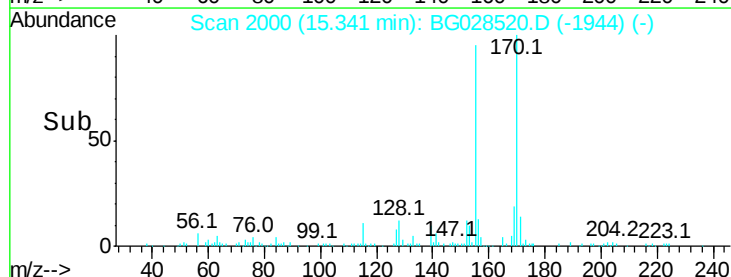
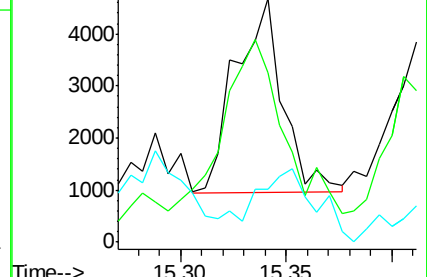
182 21.9 1.8 2.6#

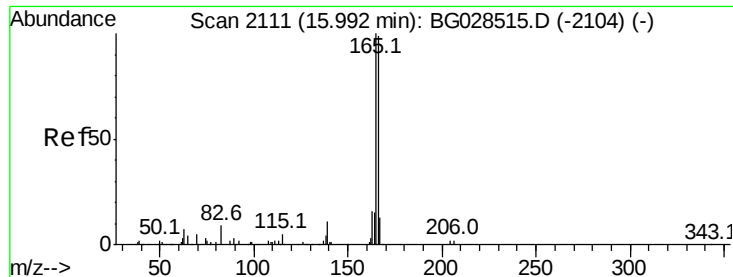


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 2.723 ng/ul

RT: 15.99 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BG028520.D

Acq: 28 Aug 2017 15:56

Instrument :

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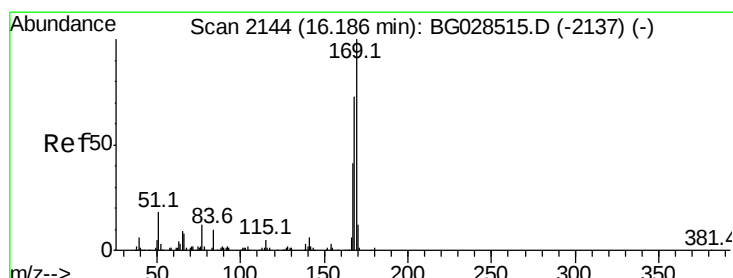
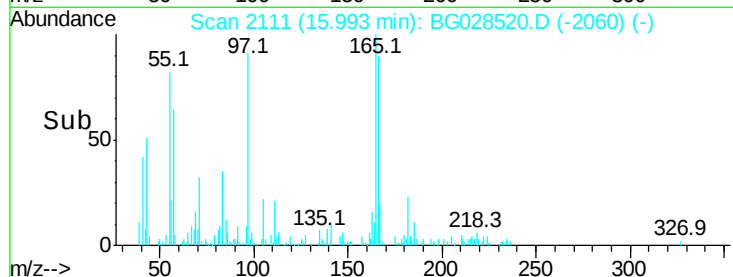
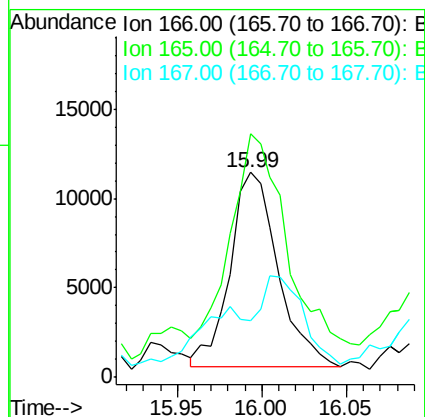
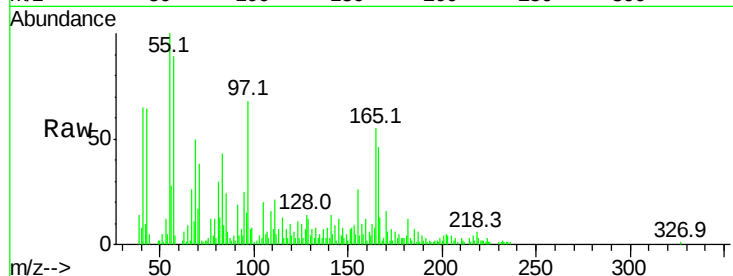
Tot Ion:166 Resp: 21566

Ion Ratio Lower Upper

166 100

165 118.7 79.7 119.5

167 27.4 11.4 17.2#



#64

N-Nitrosodiphenylamine

Concen: 2.404 ng/ul

RT: 16.30 min Scan# 2163

Delta R.T. 0.11 min

Lab File: BG028520.D

Acq: 28 Aug 2017 15:56

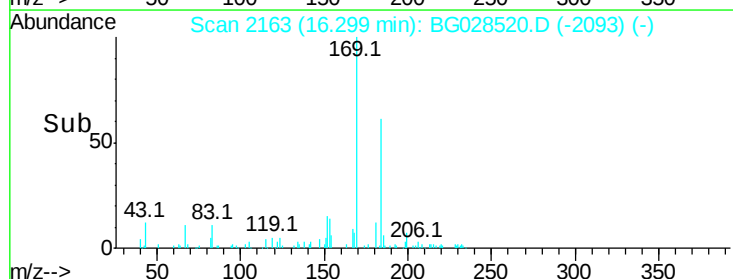
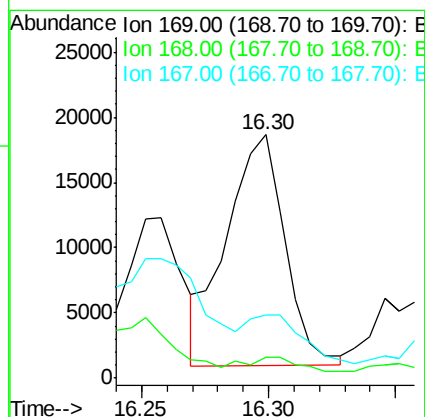
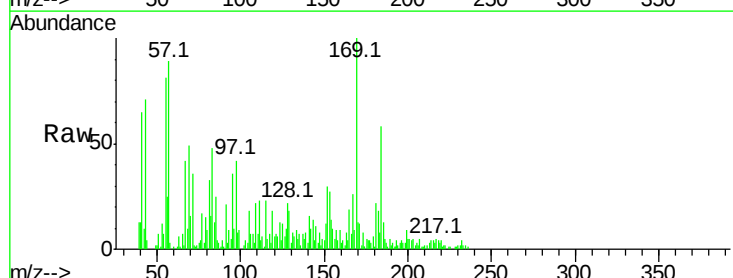
Tgt Ion:169 Resp: 28286

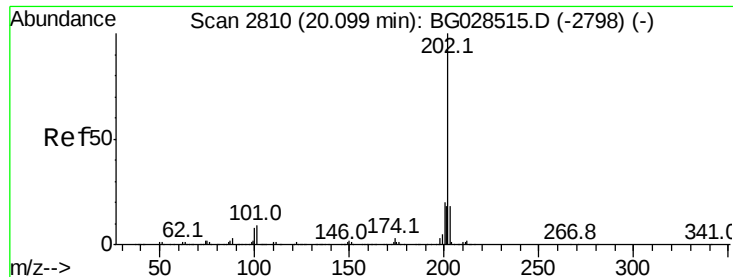
Ion Ratio Lower Upper

169 100

168 8.5 59.1 88.7#

167 25.7 29.7 44.5#





#77

Pvrene

Concen: 1.396 ng/ul

RT: 20.10 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG028520.D

Acq: 28 Aug 2017 15:56

Instrument :

BNA_G

ClientSampleId :

B0AW9

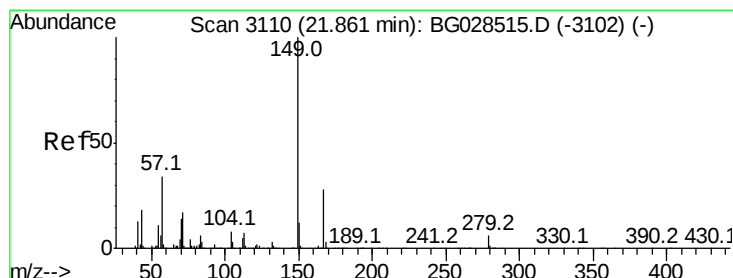
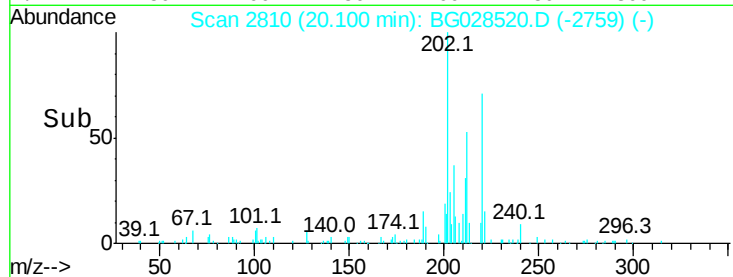
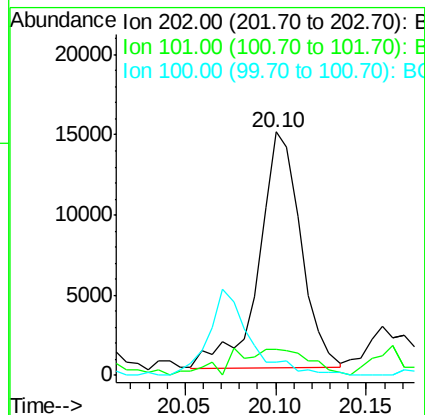
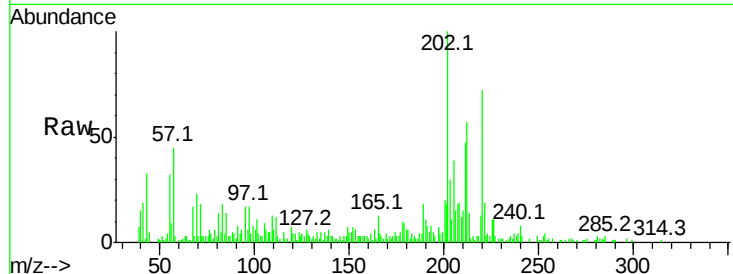
Tot Ion:202 Resp: 23711

Ion Ratio Lower Upper

202 100

101 10.9 6.9 10.3#

100 5.5 6.6 10.0#



#81

Bis(2-ethylhexyl)phthalate

Concen: 2.365 ng/ul

RT: 21.86 min Scan# 3110

Delta R.T. 0.00 min

Lab File: BG028520.D

Acq: 28 Aug 2017 15:56

Tgt Ion:149 Resp: 21396

Ion Ratio Lower Upper

149 100

167 34.3 21.8 32.8#

279 5.6 4.5 6.7

