

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
 Data File : BG028561.D
 Acq On : 30 Aug 2017 20:20
 Operator : SJ/JU
 Sample : I4917-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0B47

Quant Time: Aug 31 04:22:55 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 31 04:17:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	46443	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	186947	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	118927	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.80	188	355088	20.00	ng/ul	0.10
75) Chrysene-d12	22.04	240	315786	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	316336	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	4248	4.26	ng/uL	0.00
5) Phenol-d5	7.50	99	103995	20.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	71431	22.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	79904	24.83	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	82355	19.32	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	40358	27.61	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	46366	28.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	86504	26.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	54316	14.71	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	262823	24.85	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	306110	25.67	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	25746	15.31	ng/ul	0.01
57) Fluorene-d10	15.94	176	230434	24.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.16	200	158	0.07	ng/ul	0.09
70) Anthracene-d10	17.80	188	355769	20.89	ng/ul	0.00
76) Pyrene-d10	20.08	212	415271	25.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	403363	27.24	ng/ul	0.00

Target Compounds

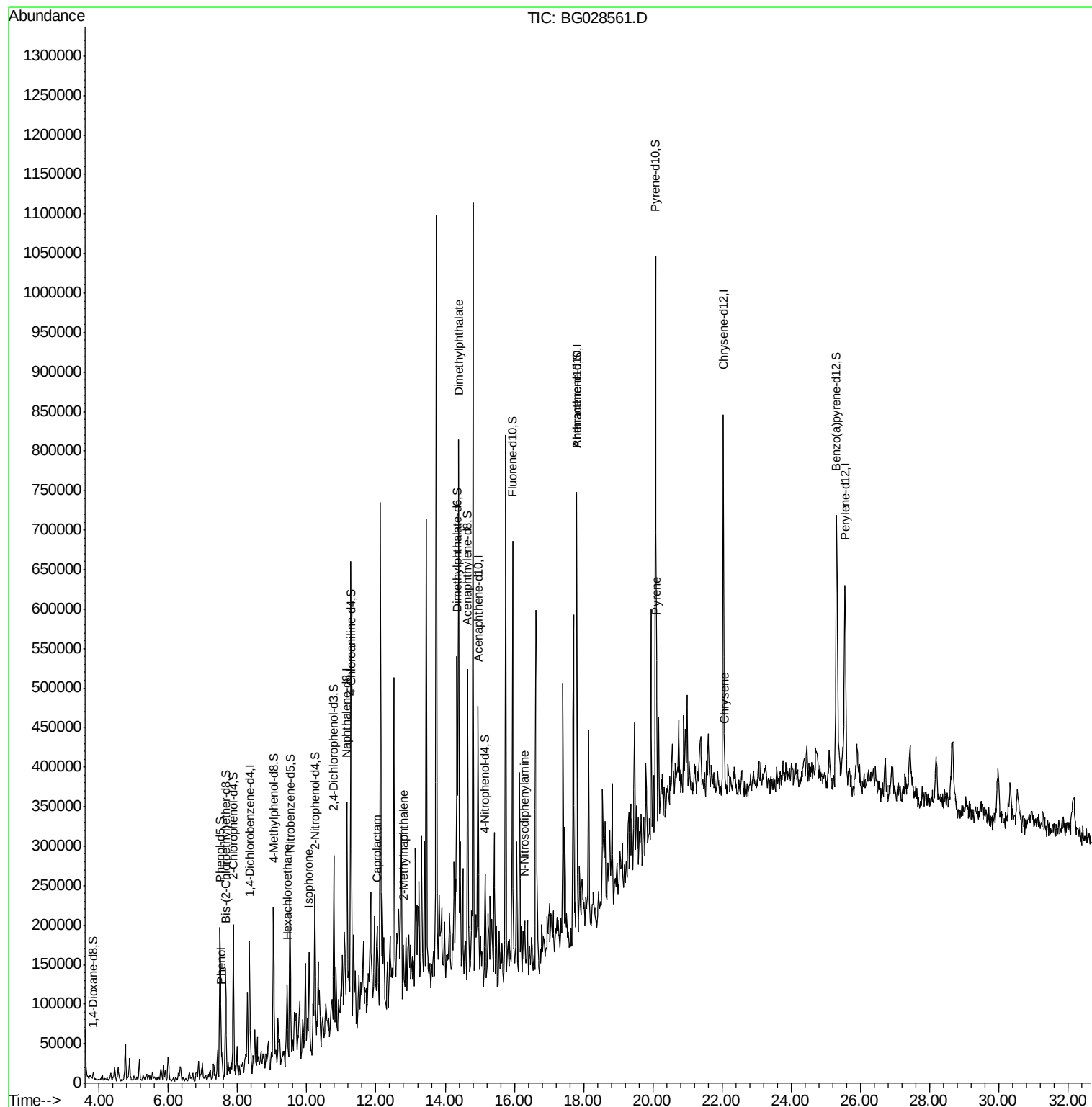
					Ovalue	
6) Phenol	7.52	94	12161	2.399	ng/ul#	89
17) Hexachloroethane	9.44	117	2076	1.598	ng/ul#	1
21) Isophorone	10.07	82	9172	1.141	ng/ul#	1
32) Caprolactam	12.03	113	1846	1.471	ng/ul#	1
34) 2-Methylnaphthalene	12.79	142	10629	1.429	ng/ul	91
44) Dimethylphthalate	14.39	163	86835	8.916	ng/ul#	97
64) N-Nitrosodiphenylamine	16.30	169	14559	1.558	ng/ul#	43
77) Pvrene	20.11	202	95415	5.064	ng/ul#	93
82) Chrysene	22.08	228	24115	1.468	ng/ul#	86

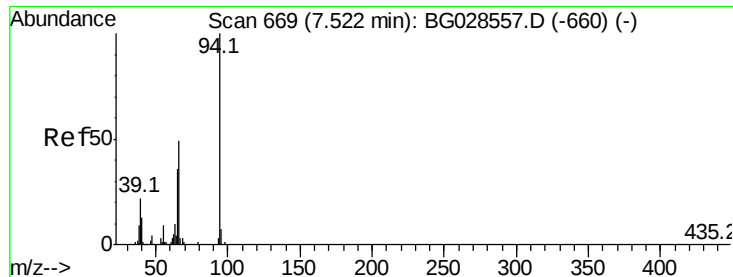
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.399 ng/ul

RT: 7.52 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG028561.D

Acq: 30 Aug 2017 20:20

Instrument :

BNA_G

ClientSampleId :

B0B47

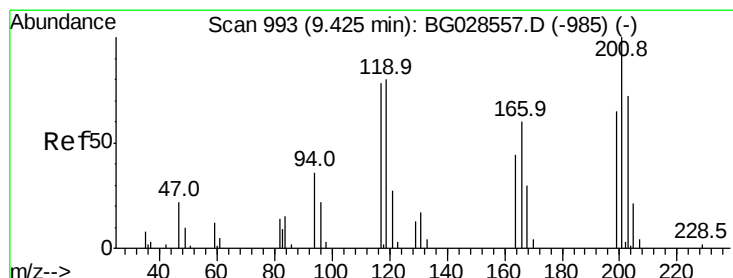
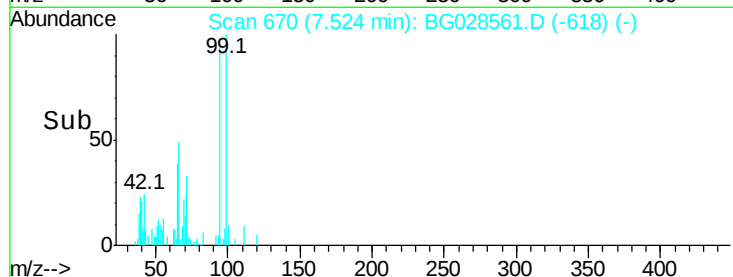
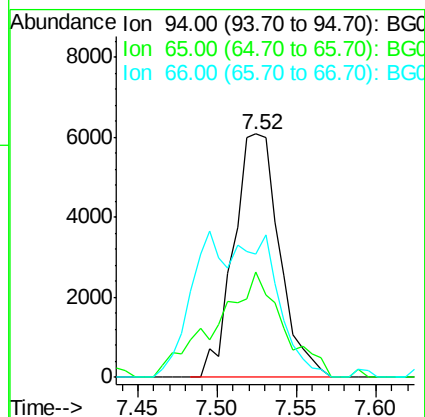
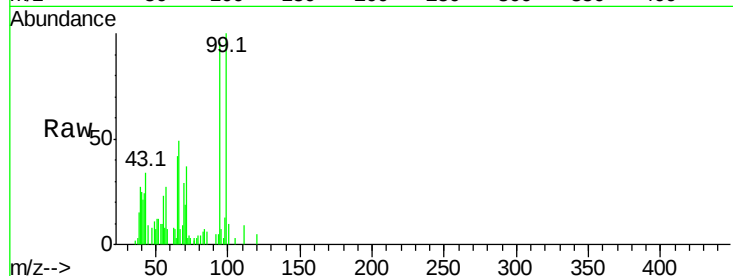
Tot Ion: 94 Resp: 12161

Ion Ratio Lower Upper

94 100

65 43.3 26.8 40.2#

66 50.5 44.4 66.6



#17

Hexachloroethane

Concen: 1.598 ng/ul

RT: 9.44 min Scan# 996

Delta R.T. 0.01 min

Lab File: BG028561.D

Acq: 30 Aug 2017 20:20

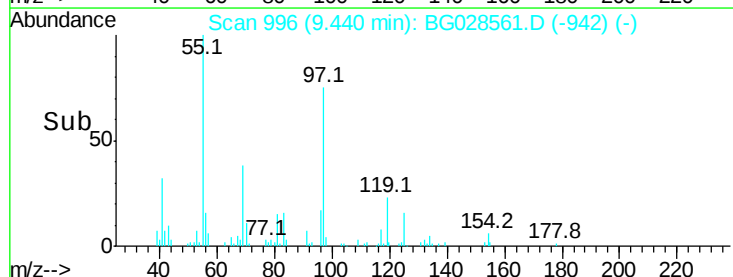
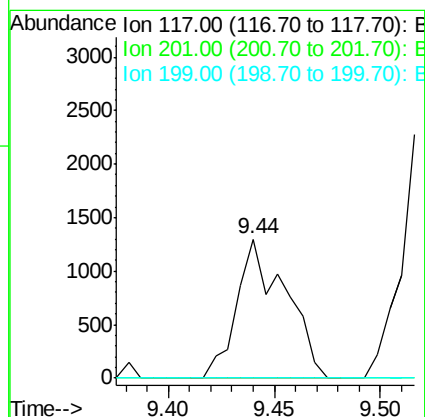
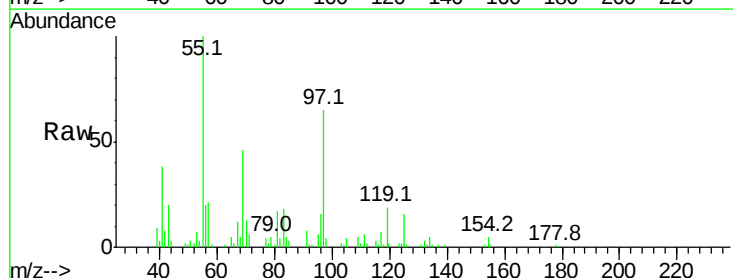
Tgt Ion: 117 Resp: 2076

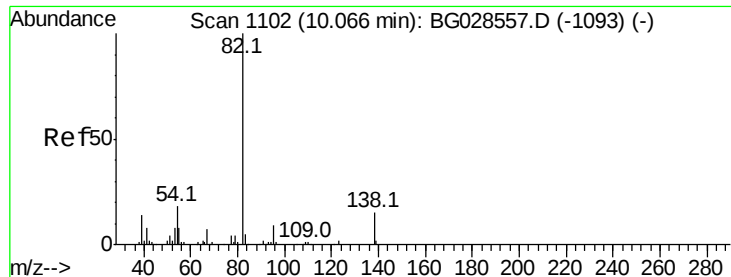
Ion Ratio Lower Upper

117 100

201 0.0 91.9 137.9#

199 0.0 64.3 96.5#





#21

Isophorone

Concen: 1.141 ng/ul

RT: 10.07 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BG028561.D

Acq: 30 Aug 2017 20:20

Instrument :

BNA_G

ClientSampleId :

B0B47

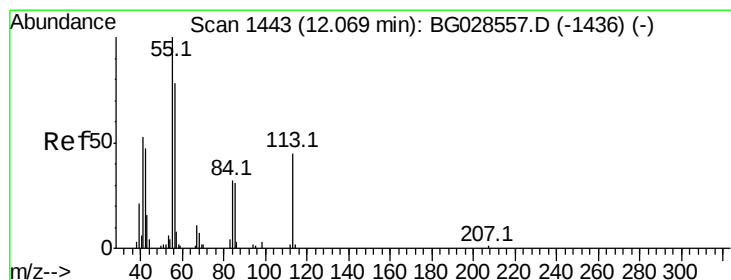
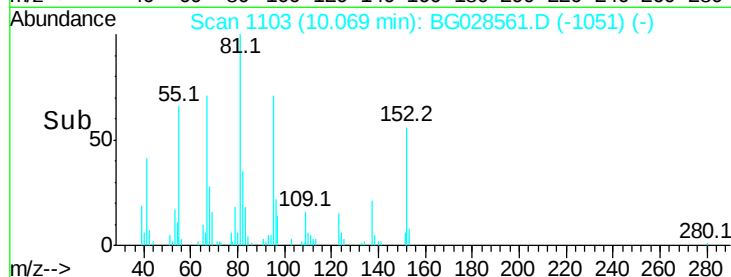
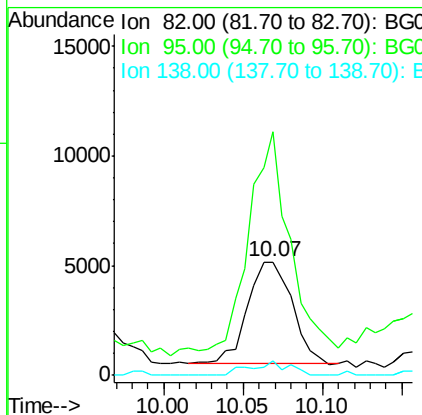
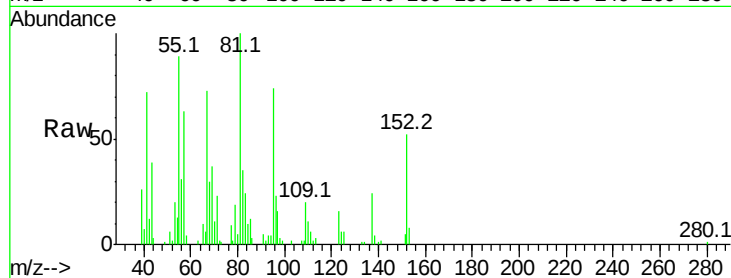
Tot Ion: 82 Resp: 9172

Ion Ratio Lower Upper

82 100

95 214.2 7.8 11.6#

138 12.6 12.2 18.2



#32

Caprolactam

Concen: 1.471 ng/ul

RT: 12.03 min Scan# 1437

Delta R.T. -0.04 min

Lab File: BG028561.D

Acq: 30 Aug 2017 20:20

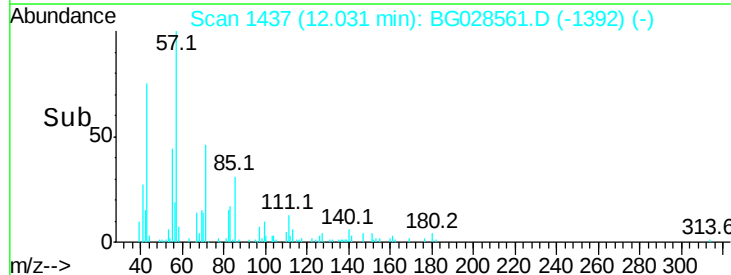
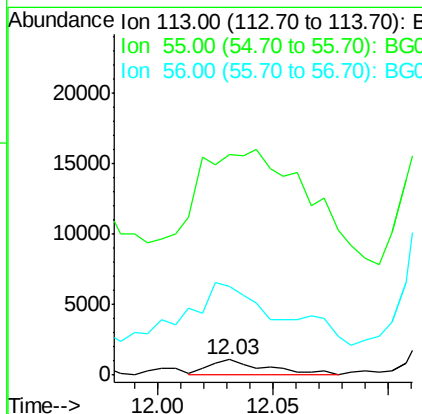
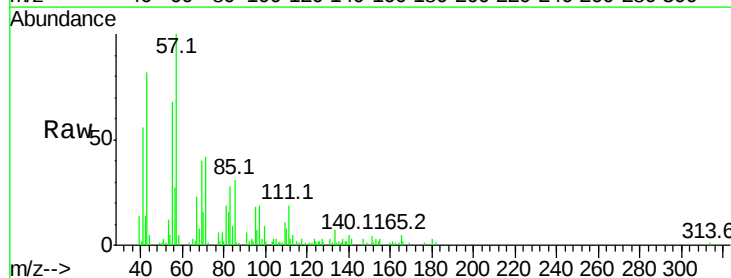
Tgt Ion: 113 Resp: 1846

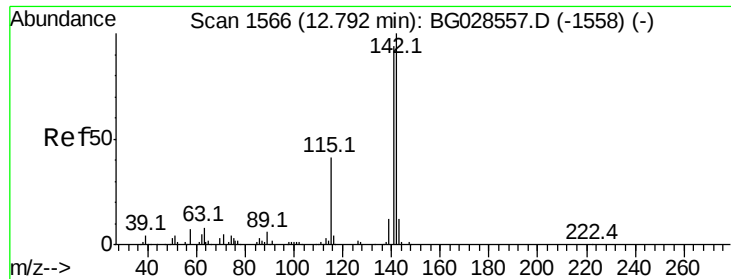
Ion Ratio Lower Upper

113 100

55 1451.2 168.6 252.8#

56 585.0 128.5 192.7#

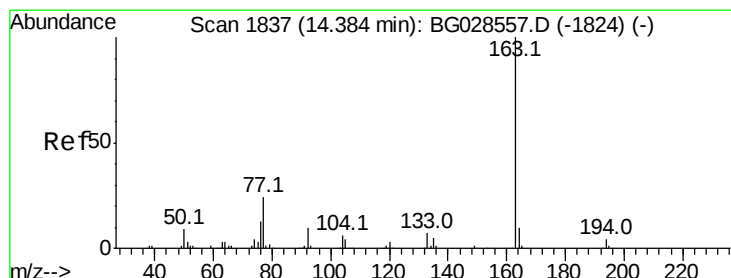
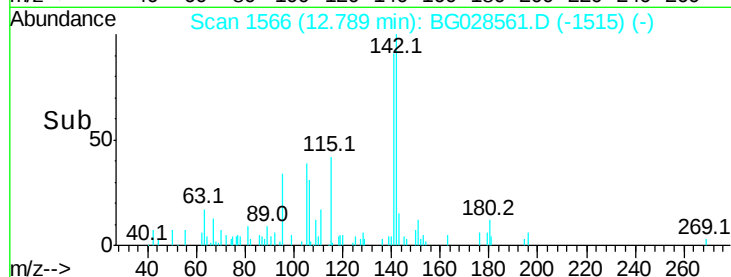
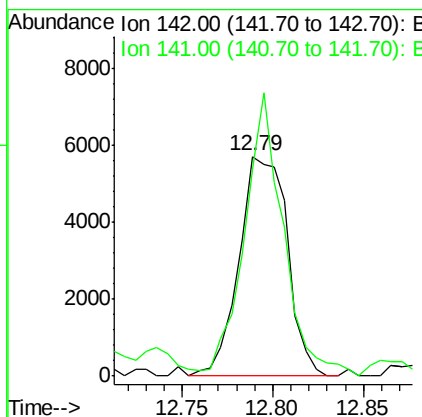
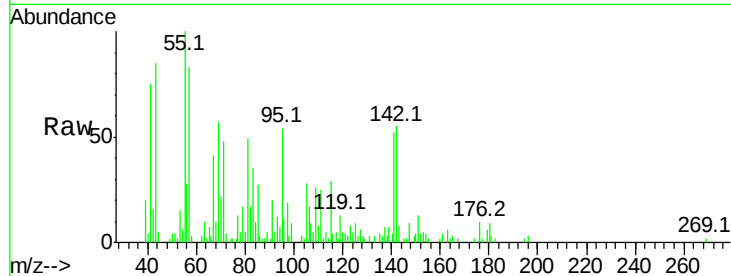




#34
 2-Methylnaphthalene
 Concen: 1.429 ng/ul
 RT: 12.79 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BG028561.D
 Acq: 30 Aug 2017 20:20

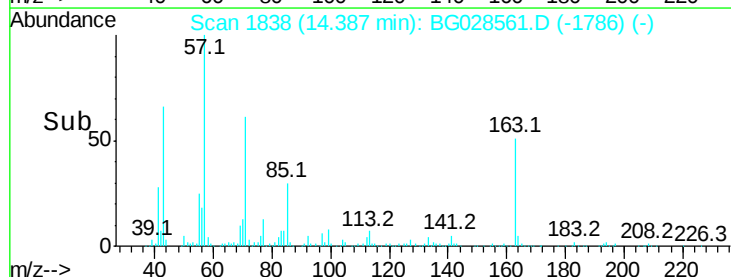
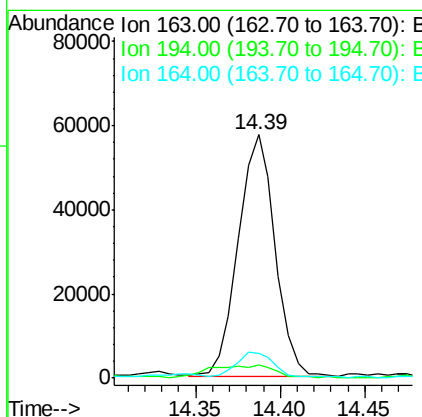
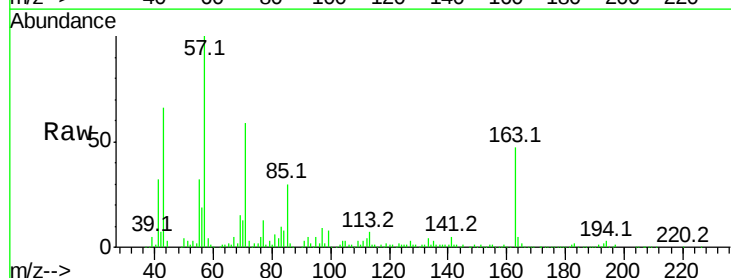
Instrument :
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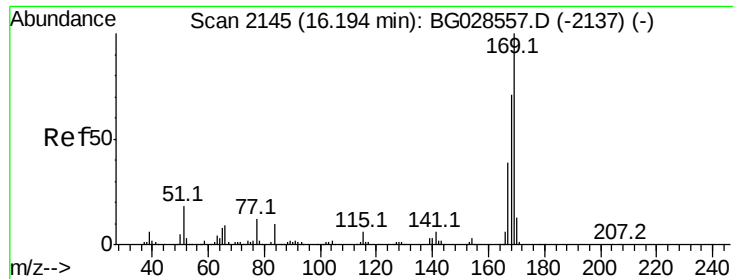
Tot Ion:142 Resp: 10629
 Ion Ratio Lower Upper
 142 100
 141 93.9 68.6 102.8



#44
 Dimethylphthalate
 Concen: 8.916 ng/ul
 RT: 14.39 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BG028561.D
 Acq: 30 Aug 2017 20:20

Tgt Ion:163 Resp: 86835
 Ion Ratio Lower Upper
 163 100
 194 5.4 3.4 5.0#
 164 10.0 9.0 13.4





#64

N-Nitrosodiphenylamine

Concen: 1.558 ng/ul

RT: 16.30 min Scan# 2163

Delta R.T. 0.10 min

Lab File: BG028561.D

Acq: 30 Aug 2017 20:20

Instrument :

BNA_G

ClientSampleId :

B0B47

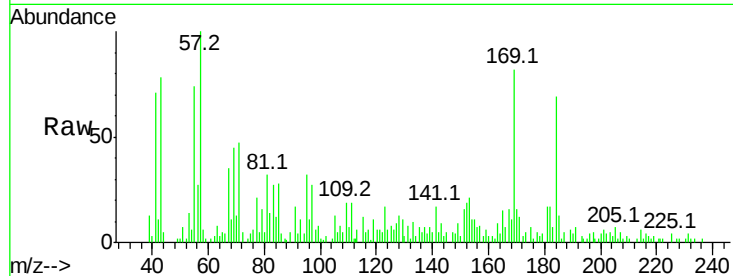
Tot Ion:169 Resp: 14559

Ion Ratio Lower Upper

169 100

168 13.9 59.1 88.7#

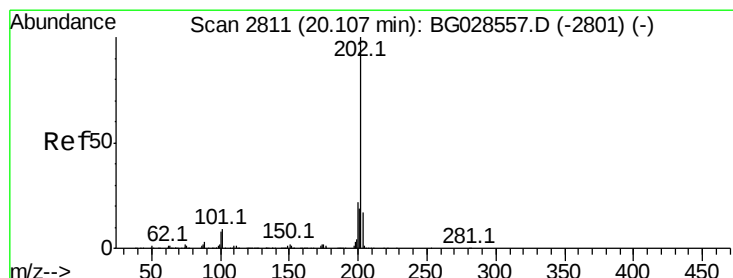
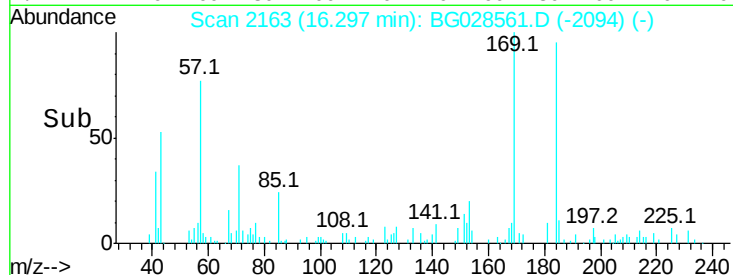
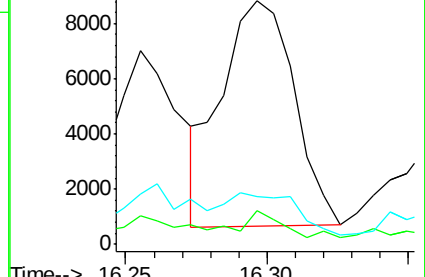
167 19.6 29.7 44.5#



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



#77

Pyrene

Concen: 5.064 ng/ul

RT: 20.11 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BG028561.D

Acq: 30 Aug 2017 20:20

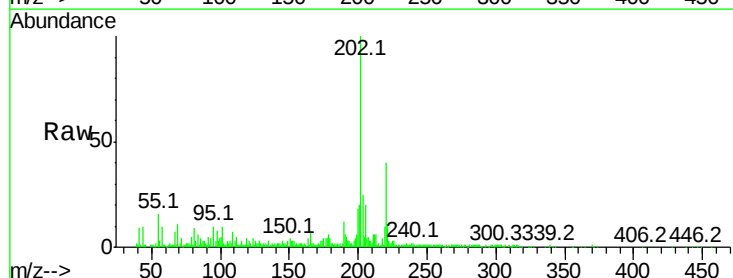
Tgt Ion:202 Resp: 95415

Ion Ratio Lower Upper

202 100

101 10.2 6.9 10.3

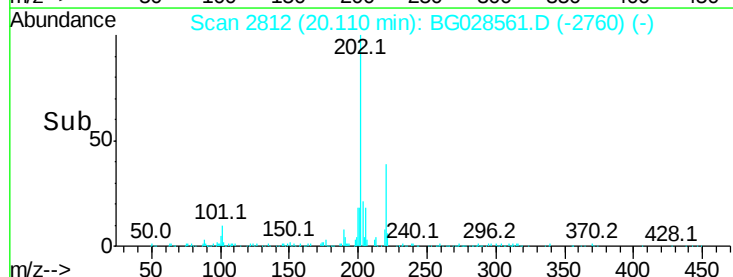
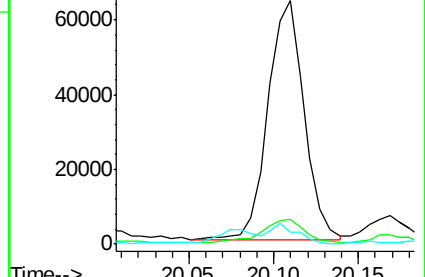
100 5.1 6.6 10.0#

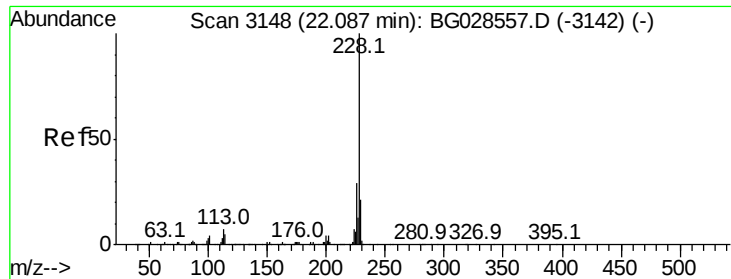


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#82

Chrysene

Concen: 1.468 ng/ul

RT: 22.08 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG028561.D

Acq: 30 Aug 2017 20:20

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Tot Ion:228 Resp: 24115

Ion Ratio Lower Upper

228 100

226 36.3 24.0 36.0#

229 29.1 16.9 25.3#

