

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
 Data File : BG025164.D
 Acq On : 14 Dec 2016 3:22
 Operator : UM/SJ
 Sample : H5990-14MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P006-SS005-0106-03MSD

Quant Time: Dec 14 04:10:31 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 14 03:19:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	87012	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	389500	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	309973	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	572916	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	651490	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	705015	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	7273	4.32	ng/uL	0.02
5) Phenol-d5	7.39	99	207011	27.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	134544	28.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	147034	28.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	182263	29.05	ng/ul	0.01
19) Nitrobenzene-d5	9.42	128	78264	28.38	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	100895	29.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	190272	28.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	127311	19.59	ng/ul	0.01
43) Dimethylphthalate-d6	14.25	166	656130	30.77	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	730968	31.30	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	93128	25.41	ng/ul	0.00
57) Fluorene-d10	15.85	176	565113	28.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	95547	26.97	ng/ul	0.00
70) Anthracene-d10	17.70	188	796178	32.93	ng/ul	0.00
76) Pyrene-d10	19.98	212	874265	32.58	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.09	264	901890	31.57	ng/ul	0.01

Target Compounds

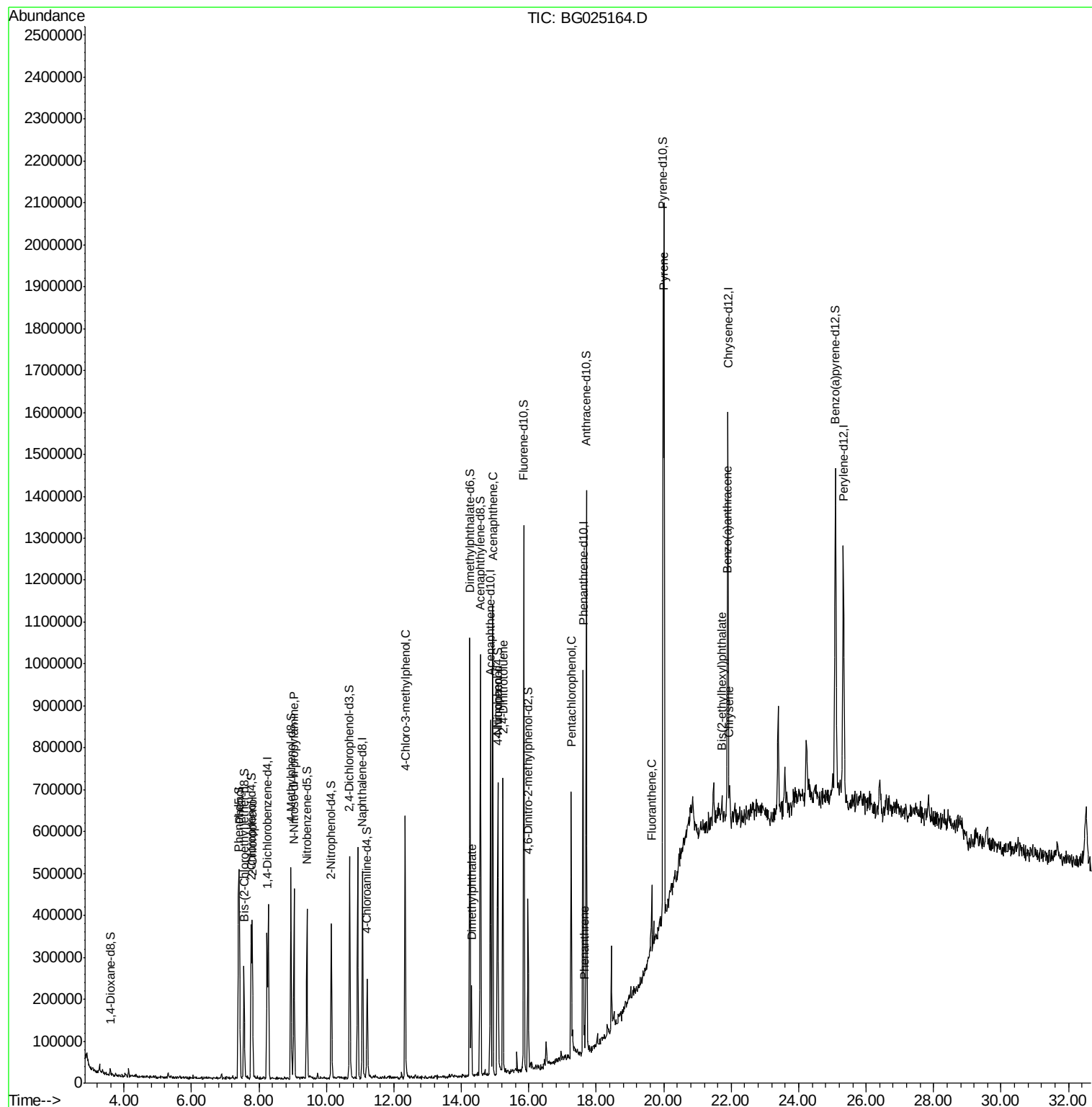
						Ovalue
6) Phenol	7.42	94	240867	31.26	ng/ul	95
10) 2-Chlorophenol	7.80	128	137737	26.10	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.04	70	160409	29.09	ng/ul#	91
33) 4-Chloro-3-methylphenol	12.33	107	218994	27.67	ng/ul	95
44) Dimethylphthalate	14.30	163	133173	6.36	ng/ul	98
49) Acenaphthene	14.93	153	472325	30.37	ng/ul	97
52) 4-Nitrophenol	15.08	109	117888	26.75	ng/ul	95
54) 2,4-Dinitrotoluene	15.23	165	183233	27.00	ng/ul	93
68) Pentachlorophenol	17.26	266	134040	30.64	ng/ul	93
69) Phenanthrene	17.65	178	37858	1.38	ng/ul	95
74) Fluoranthene	19.64	202	99590	3.07	ng/ul#	96
77) Pyrene	20.01	202	1054364	33.67	ng/ul	98
80) Benzo(a)anthracene	21.88	228	46019	1.36	ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.73	149	20943	1.24	ng/ul#	94
82) Chrysene	21.94	228	57154	1.81	ng/ul#	83

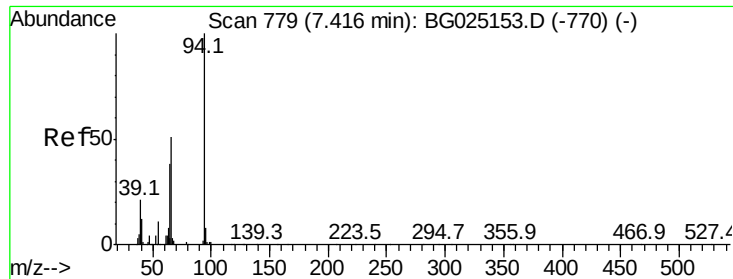
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 03:19:35 2016
Response via : Initial Calibration





#6

Phenol

Concen: 31.26 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG025164.D

Acq: 14 Dec 2016 3:22

Instrument :

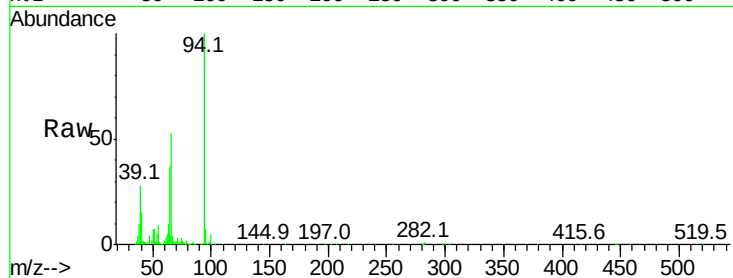
BNA_G

ClientSampleId :

P006-SS005-0106-03MSD

Tot Ion: 94 Resp: 240867

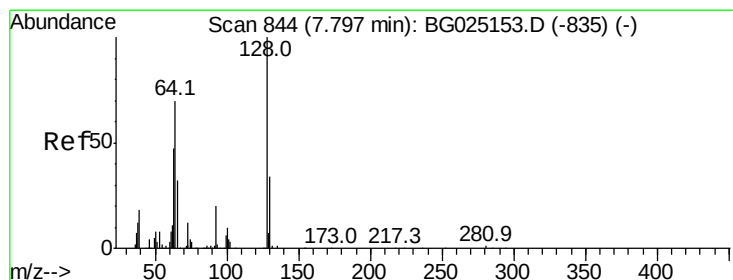
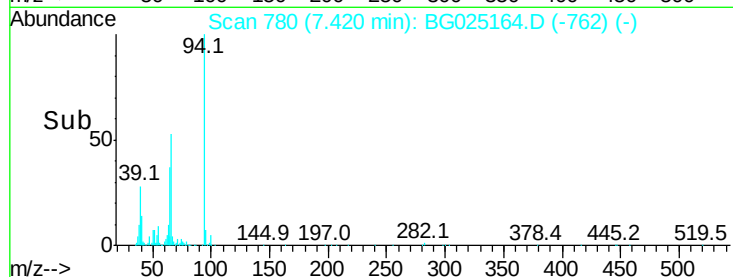
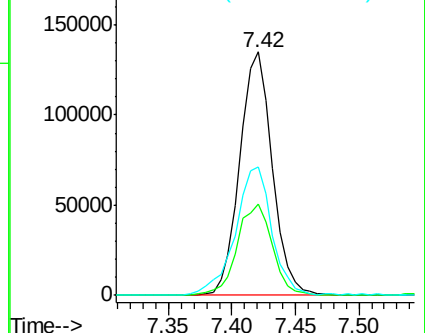
Ion	Ratio	Lower	Upper
94	100		
65	37.3	26.8	40.2
66	52.7	44.4	66.6



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#10

2-Chlorophenol

Concen: 26.10 ng/ul

RT: 7.80 min Scan# 845

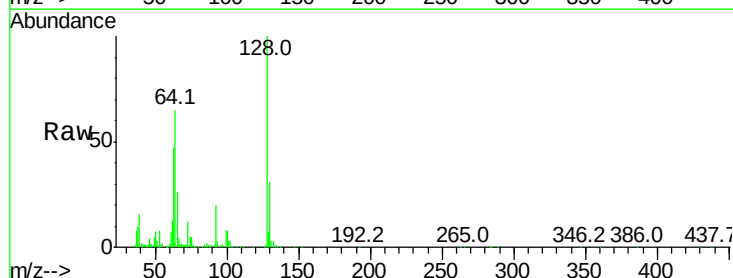
Delta R.T. 0.00 min

Lab File: BG025164.D

Acq: 14 Dec 2016 3:22

Tgt Ion:128 Resp: 137737

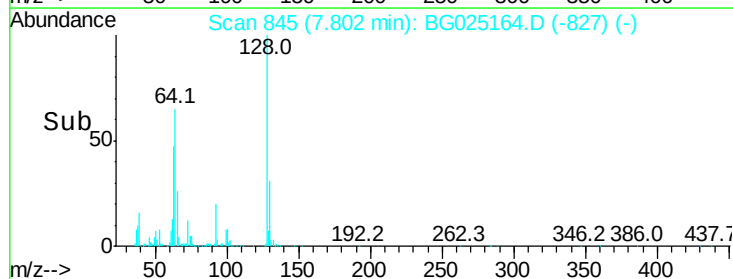
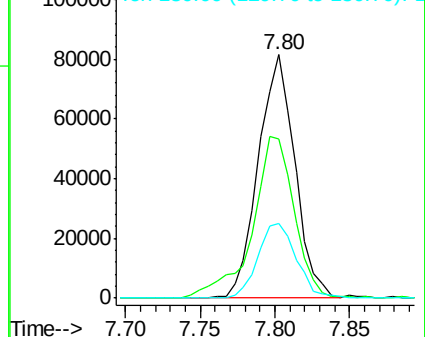
Ion	Ratio	Lower	Upper
128	100		
64	65.5	56.3	84.5
130	30.7	26.7	40.1

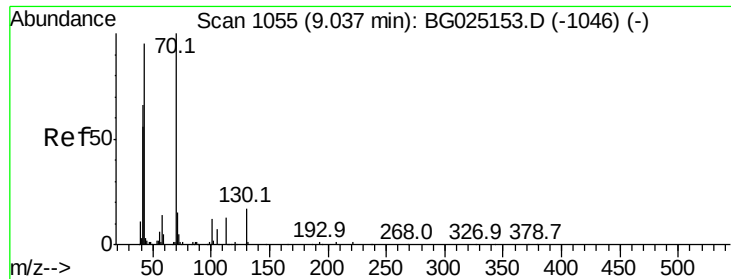


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 130.00 (129.70 to 130.70): E

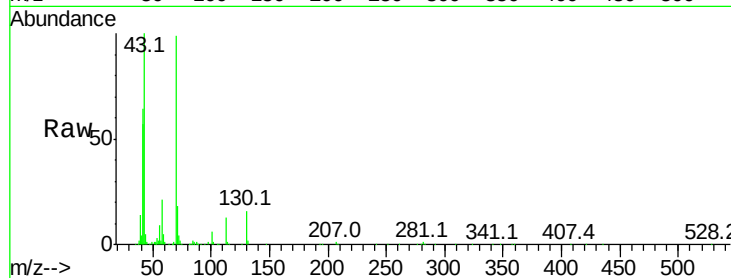




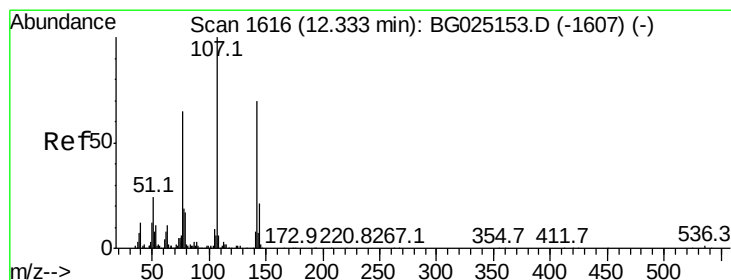
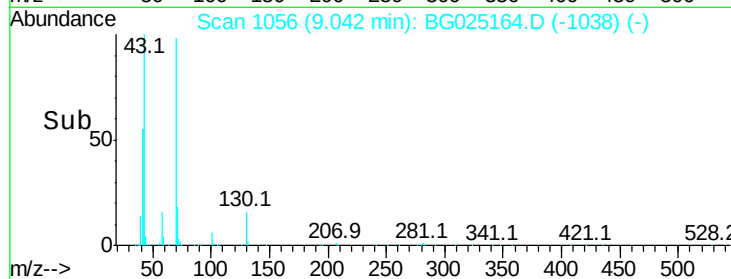
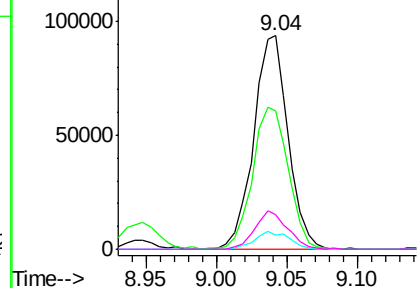
#15
N-Nitroso-di-n-propylamine
Concen: 29.09 ng/ul
RT: 9.04 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG025164.D
Acq: 14 Dec 2016 3:22

Instrument :
BNA_G
ClientSampleId :
P006-SS005-0106-03MSD

Tot Ion: 70 Resp: 160409
Ion Ratio Lower Upper
70 100
42 64.9 59.0 88.6
101 6.4 6.6 9.8#
130 16.3 15.6 23.4

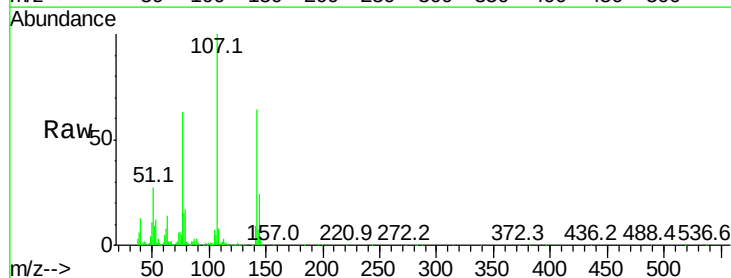


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

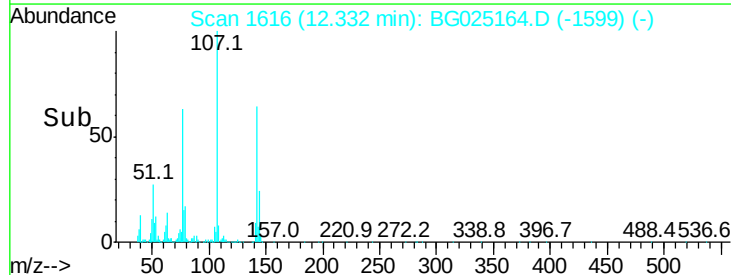
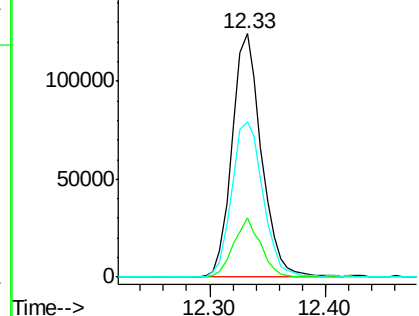


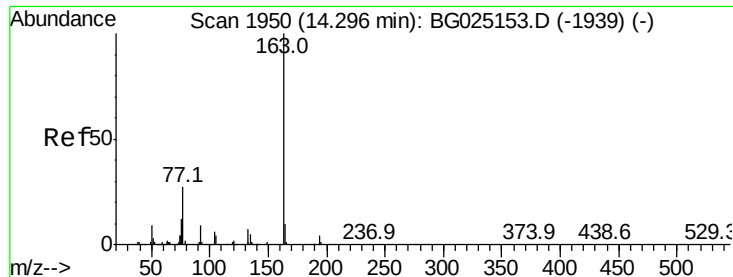
#33
4-Chloro-3-methylphenol
Concen: 27.67 ng/ul
RT: 12.33 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BG025164.D
Acq: 14 Dec 2016 3:22

Tgt Ion: 107 Resp: 218994
Ion Ratio Lower Upper
107 100
144 24.4 18.2 27.4
142 63.8 55.0 82.4



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 144.00 (143.70 to 144.70): BGC
Ion 142.00 (141.70 to 142.70): BGC





#44

Dimethylphthalate

Concen: 6.36 ng/ul

RT: 14.30 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG025164.D

Acq: 14 Dec 2016 3:22

Instrument :

BNA_G

ClientSampleId :

P006-SS005-0106-03MSD

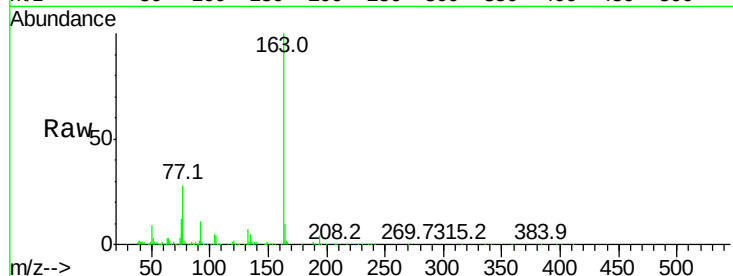
Tot Ion:163 Resp: 133173

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

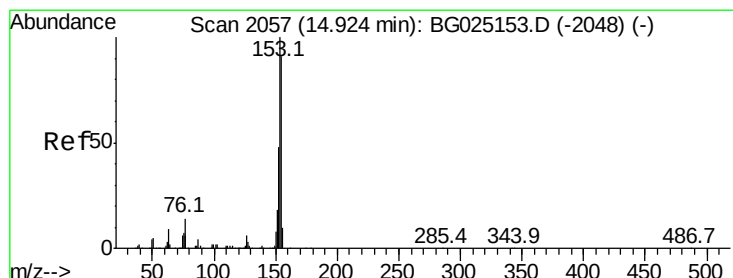
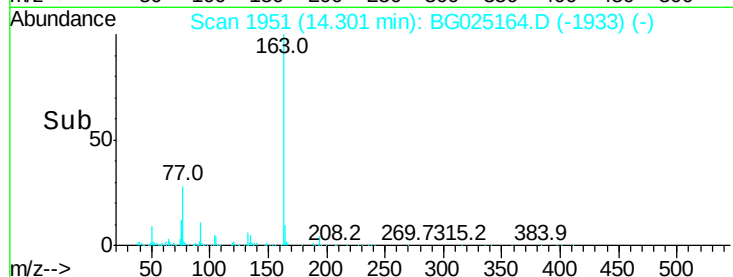
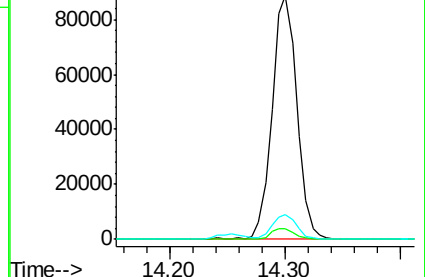
164 10.3 9.0 13.4



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



#49

Acenaphthene

Concen: 30.37 ng/ul

RT: 14.93 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BG025164.D

Acq: 14 Dec 2016 3:22

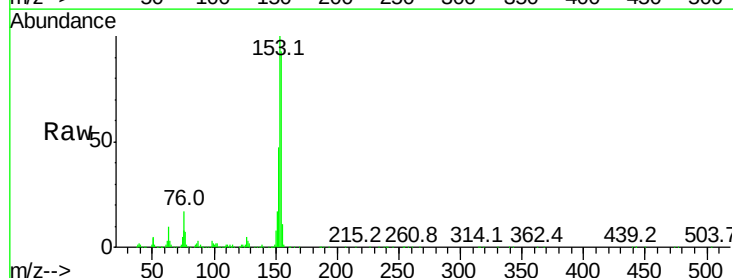
Tgt Ion:153 Resp: 472325

Ion Ratio Lower Upper

153 100

152 47.2 36.5 54.7

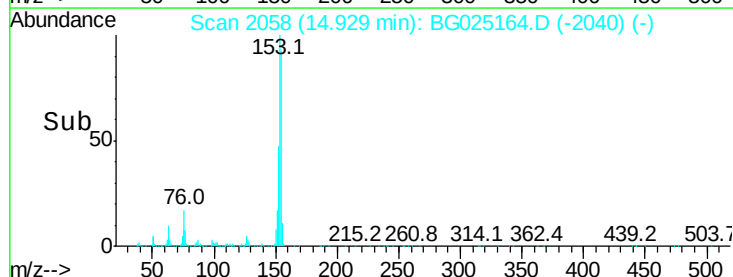
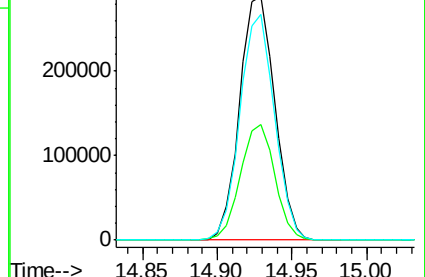
154 92.8 72.3 108.5

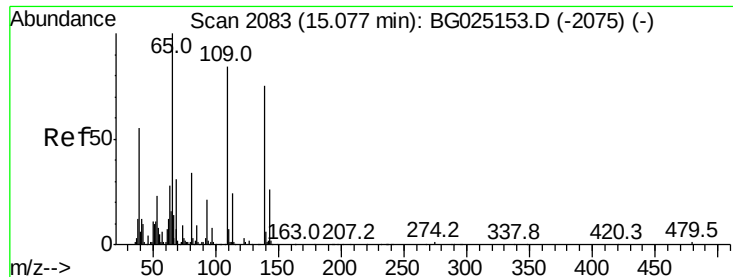


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 26.75 ng/ul

RT: 15.08 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BG025164.D

Acq: 14 Dec 2016 3:22

Instrument :

BNA_G

ClientSampleId :

P006-SS005-0106-03MSD

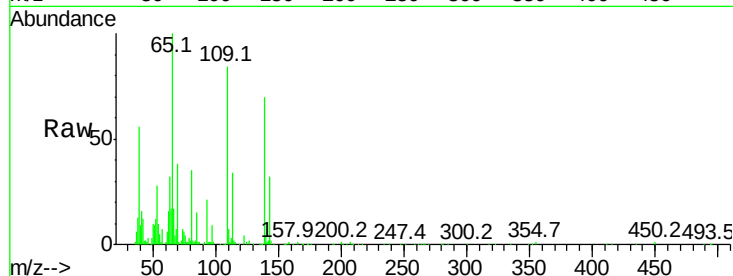
Tot Ion:109 Resp: 117888

Ion Ratio Lower Upper

109 100

139 83.2 62.6 93.8

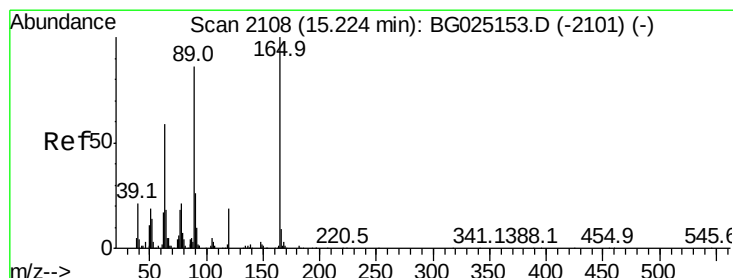
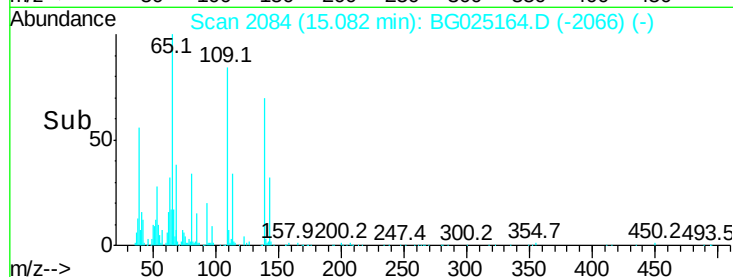
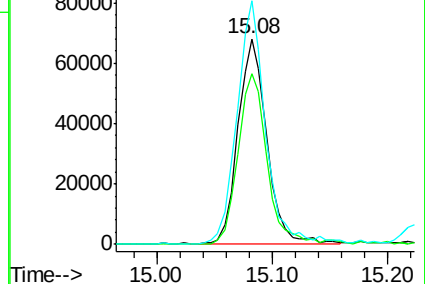
65 118.5 90.4 135.6



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC



#54

2,4-Dinitrotoluene

Concen: 27.00 ng/ul

RT: 15.23 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BG025164.D

Acq: 14 Dec 2016 3:22

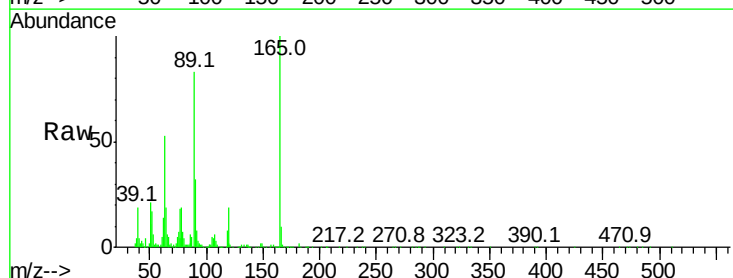
Tgt Ion:165 Resp: 183233

Ion Ratio Lower Upper

165 100

63 53.2 46.8 70.2

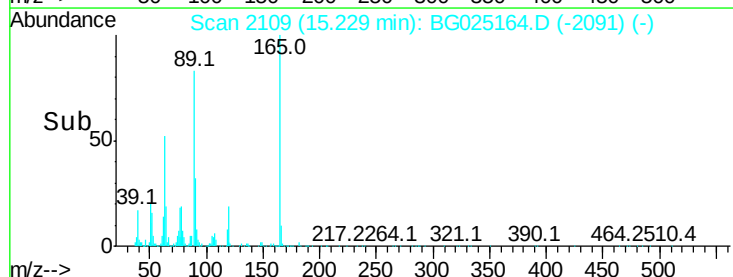
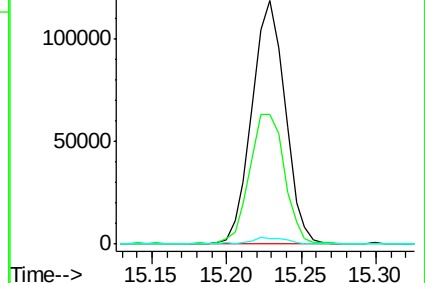
182 2.4 1.8 2.6

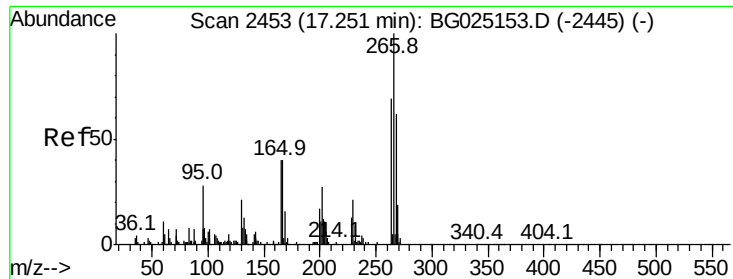


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E

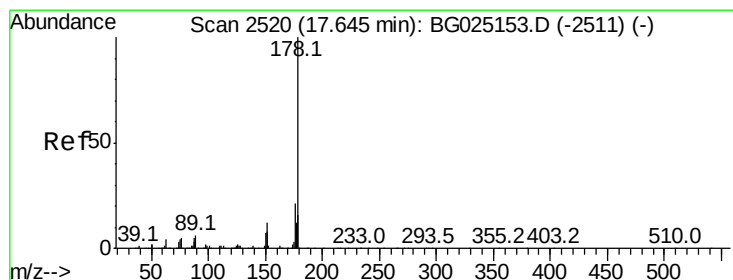
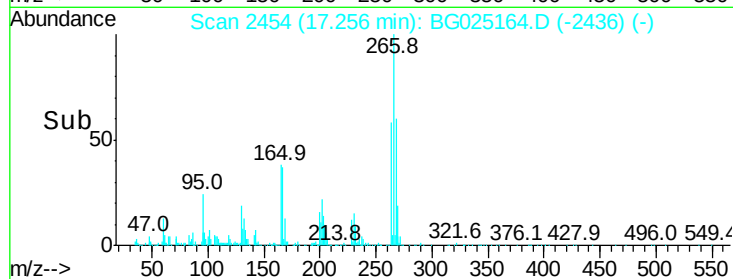
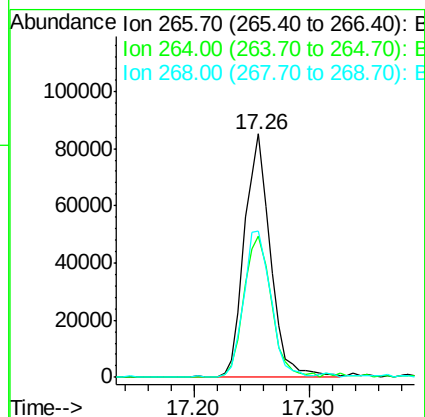
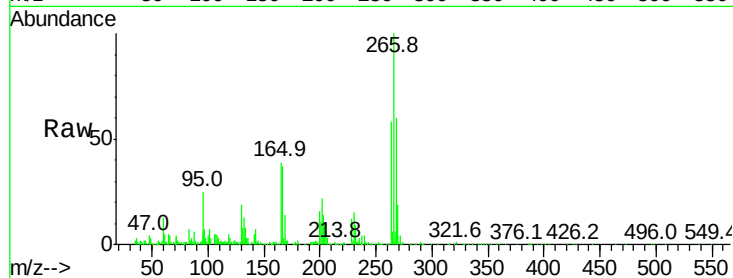




#68
 Pentachlorophenol
 Concen: 30.64 ng/ul
 RT: 17.26 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: BG025164.D
 Acq: 14 Dec 2016 3:22

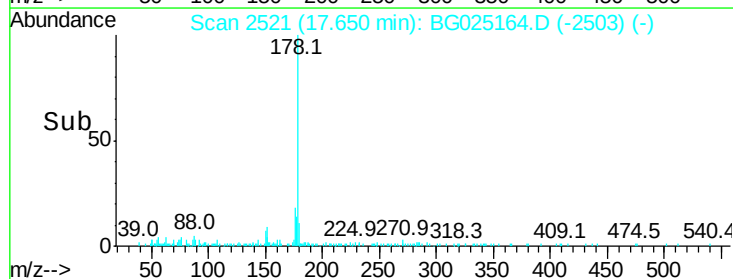
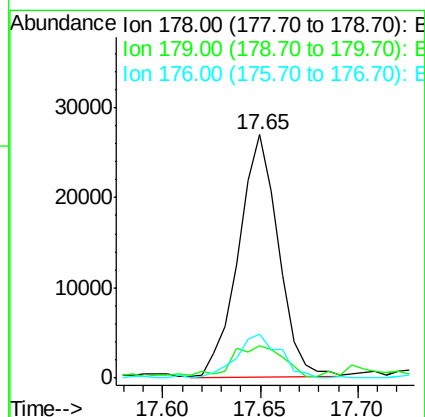
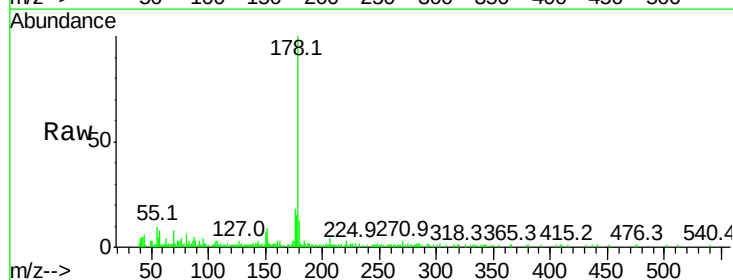
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 P006-SS005-0106-03MSD

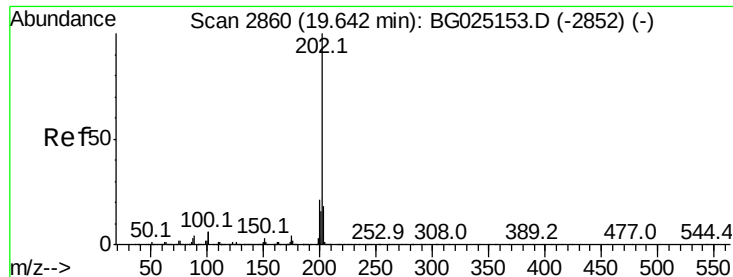
Tot Ion	Ratio	Lower	Upper
266	100		
264	58.2	47.1	70.7
268	60.0	56.2	84.4



#69
 Phenanthrene
 Concen: 1.38 ng/ul
 RT: 17.65 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: BG025164.D
 Acq: 14 Dec 2016 3:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.2	12.4	18.6
176	18.3	16.5	24.7





#74

Fluoranthene

Concen: 3.07 ng/ul

RT: 19.64 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG025164.D

Acq: 14 Dec 2016 3:22

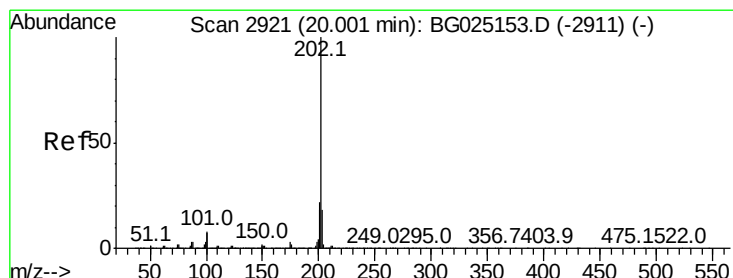
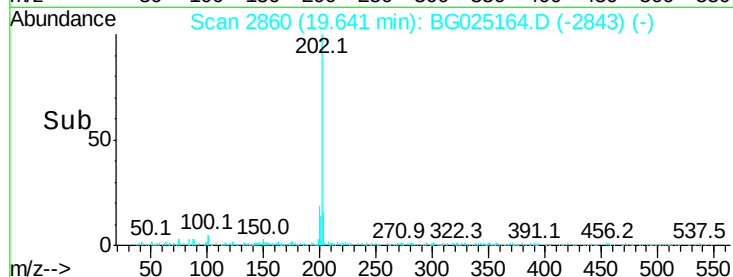
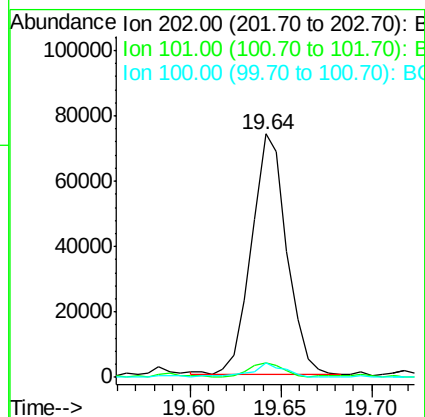
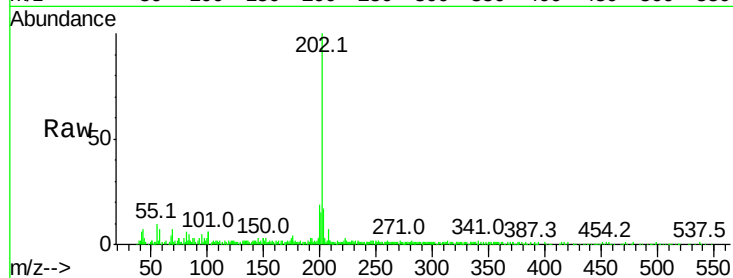
Instrument :

BNA_G

ClientSampleId :

P006-SS005-0106-03MSD

Tot Ion:	202	Resp:	99590
Ion	Ratio	Lower	Upper
202	100		
101	5.8	6.2	9.2#
100	5.7	5.2	7.8



#77

Pyrene

Concen: 33.67 ng/ul

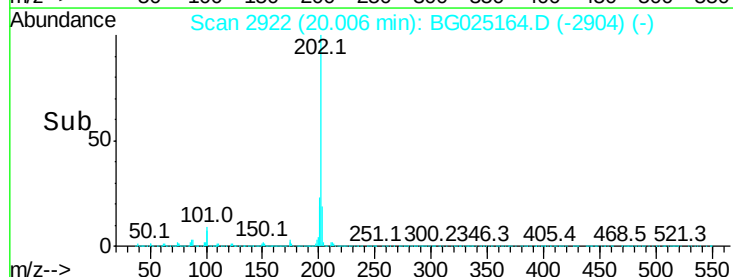
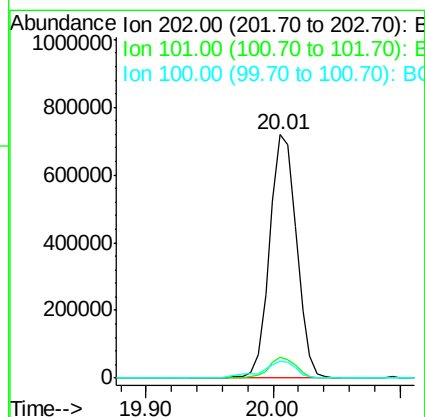
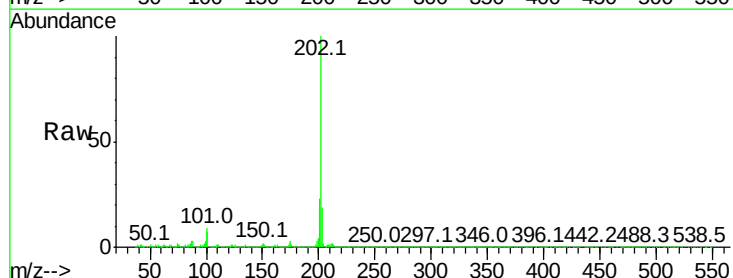
RT: 20.01 min Scan# 2922

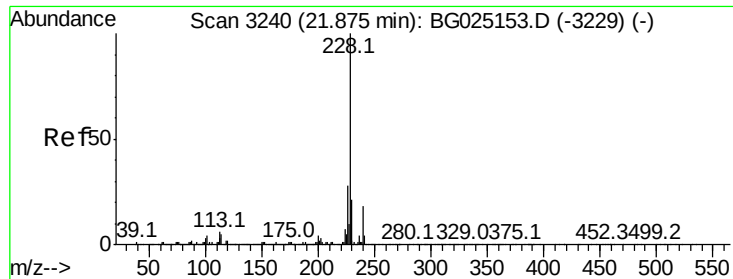
Delta R.T. 0.00 min

Lab File: BG025164.D

Acq: 14 Dec 2016 3:22

Tgt Ion:	202	Resp:	1054364
Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.9	10.3
100	7.1	6.6	10.0





#80

Benzo(a)anthracene

Concen: 1.36 ng/ul

RT: 21.88 min Scan# 3241

Delta R.T. 0.00 min

Lab File: BG025164.D

Acq: 14 Dec 2016 3:22

Instrument :

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ClientSampleId :

P006-SS005-0106-03MSD

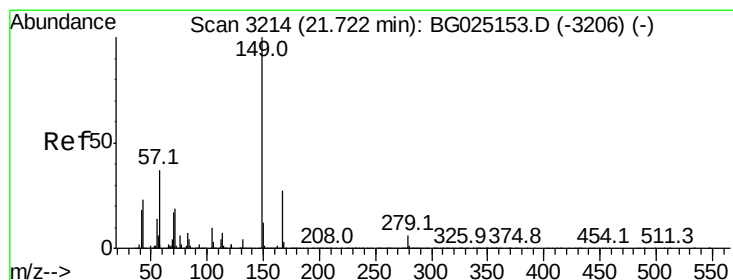
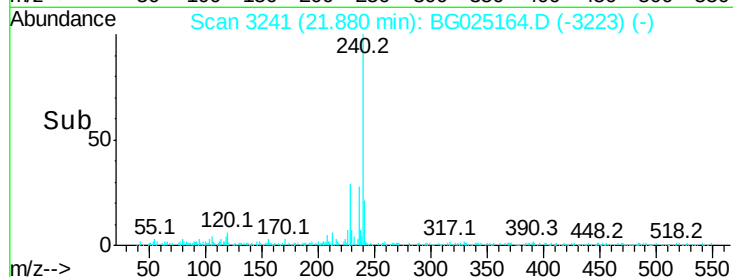
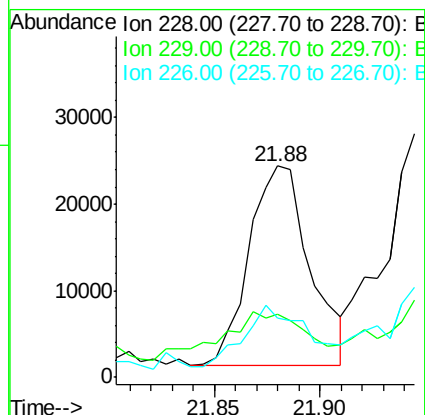
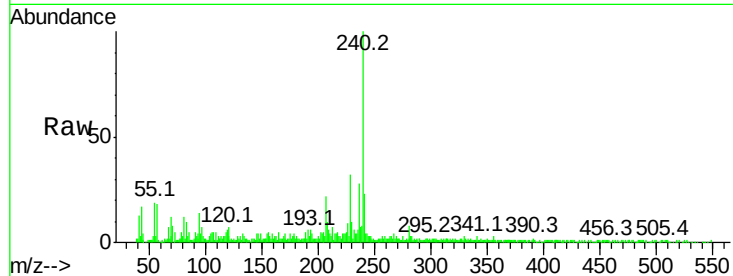
Tot Ion:228 Resp: 46019

Ion Ratio Lower Upper

228 100

229 30.2 16.3 24.5#

226 28.1 21.9 32.9



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.24 ng/ul

RT: 21.73 min Scan# 3215

Delta R.T. 0.00 min

Lab File: BG025164.D

Acq: 14 Dec 2016 3:22

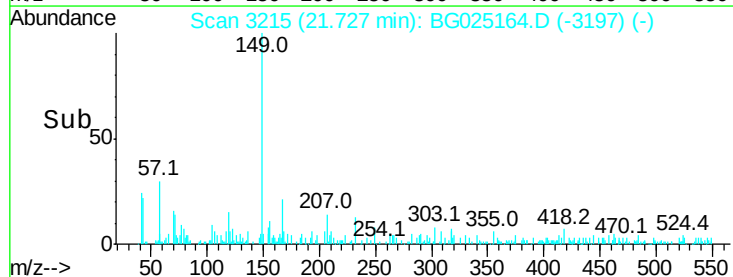
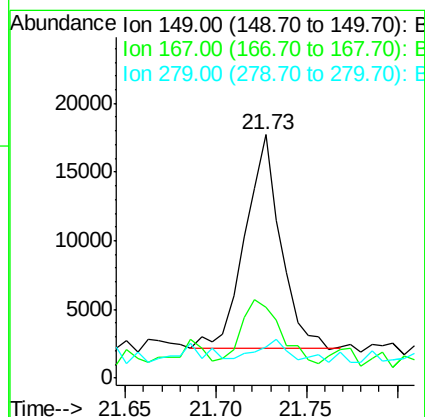
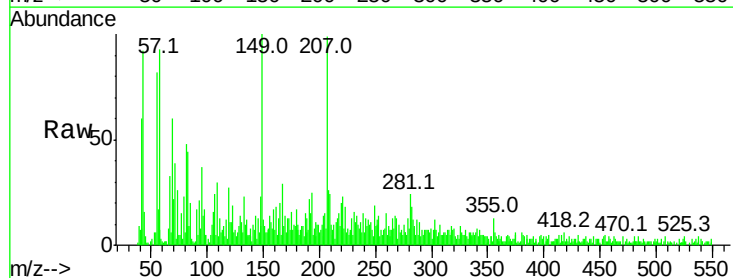
Tgt Ion:149 Resp: 20943

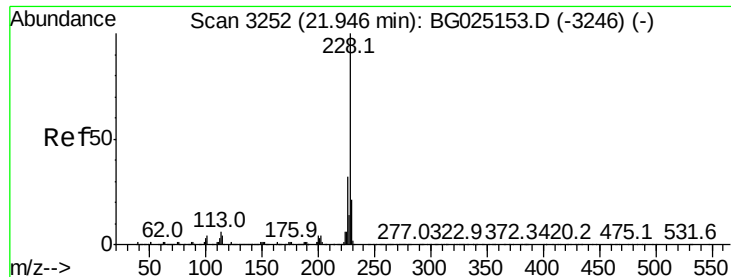
Ion Ratio Lower Upper

149 100

167 29.1 21.8 32.8

279 12.6 4.5 6.7#





#82

Chrysene

Concen: 1.81 ng/ul

RT: 21.94 min Scan# 3252

Delta R.T. -0.00 min

Lab File: BG025164.D

Acq: 14 Dec 2016 3:22

Instrument :

BNA_G

ClientSampleId :

P006-SS005-0106-03MSD

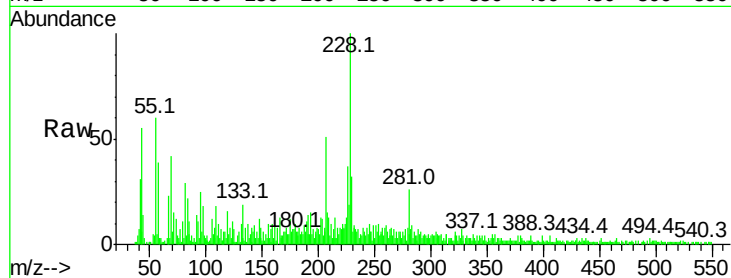
Tot Ion: 228 Resp: 57154

Ion Ratio Lower Upper

228 100

226 36.8 24.0 36.0#

229 31.9 16.9 25.3#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

