

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
 Data File : BG023553.D
 Acq On : 9 Aug 2016 9:41
 Operator : UM/SJ
 Sample : SP3753
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP3753

Quant Time: Aug 10 05:01:50 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 10 05:01:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	120908	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	594822	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	442473	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1091777	20.00	ng/ul	0.00
75) Chrysene-d12	21.95	240	2538	20.00	ng/ul	0.08
83) Perylene-d12	25.25	264	1033837	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	243	0.09	ng/uL	-0.02
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.45	67	202	0.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	703	0.08	ng/ul	0.03
13) 4-Methylphenol-d8	8.94	113	87369	9.19	ng/ul	0.09
19) Nitrobenzene-d5	9.37	128	144	0.03	ng/ul	0.06
22) 2-Nitrophenol-d4	10.28	143	194	0.04	ng/ul	0.24
26) 2,4-Dichlorophenol-d3	10.59	165	80	0.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	60	0.01	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	278	0.01	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	302	0.01	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	561	0.09	ng/ul	0.00
57) Fluorene-d10	15.78	176	2958	0.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.93	200	68	0.01	ng/ul	0.02
70) Anthracene-d10	17.60	188	2963	0.06	ng/ul	-0.05
76) Pyrene-d10	19.94	212	1785	13.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	1840	0.04	ng/ul	0.00

Target Compounds

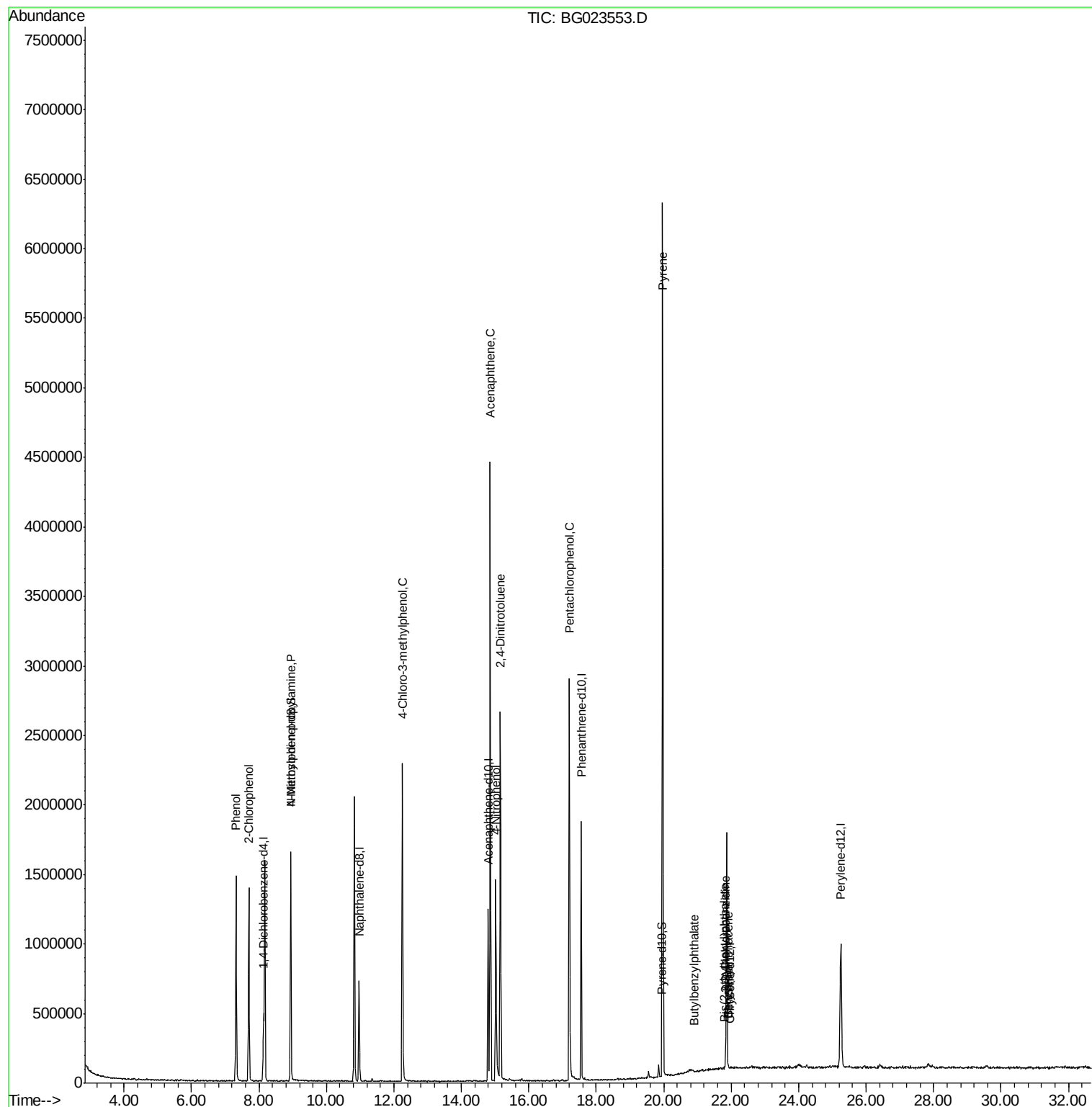
					Qvalue	
6) Phenol	7.32	94	868334	68.46	ng/ul#	73
10) 2-Chlorophenol	7.70	128	585579	69.19	ng/ul#	81
15) N-Nitroso-di-n-propylamine	8.94	70	688626	75.05	ng/ul#	87
33) 4-Chloro-3-methylphenol	12.25	107	877592	66.57	ng/ul	84
49) Acenaphthene	14.86	153	1795047	61.78	ng/ul	92
52) 4-Nitrophenol	15.02	109	383118	61.85	ng/ul#	77
54) 2,4-Dinitrotoluene	15.16	165	782588	66.41	ng/ul#	76
68) Pentachlorophenol	17.20	266	545642	74.14	ng/ul	93
77) Pyrene	19.97	202	3426554	21839.33	ng/ul#	91
78) Butylbenzylphthalate	20.92	149	116	1.93	ng/ul#	80
79) 3,3'-Dichlorobenzidine	21.84	252	359	8.03	ng/ul#	26
80) Benzo(a)anthracene	21.91	228	1691	11.83	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.80	149	360	4.50	ng/ul#	77
82) Chrysene	21.91	228	1691	13.01	ng/ul	93

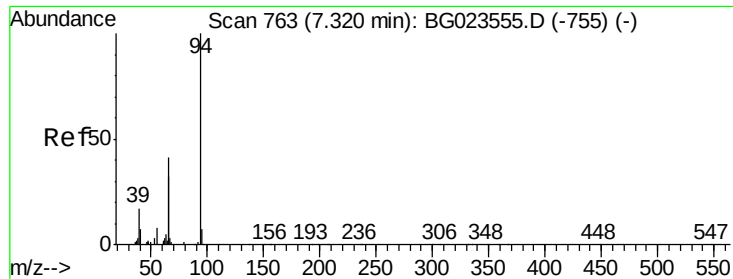
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 68.46 ng/ul

RT: 7.32 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG023553.D

Acq: 9 Aug 2016 9:41

Instrument :

BNA_G

ClientSampleId :

SP3753

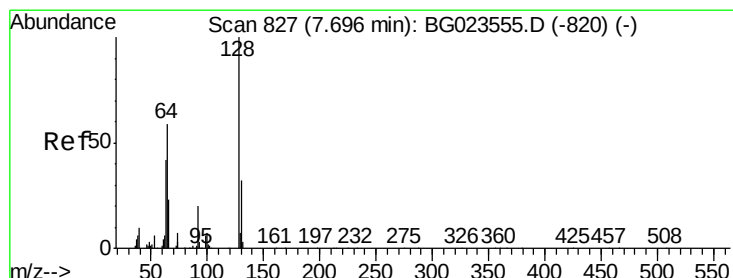
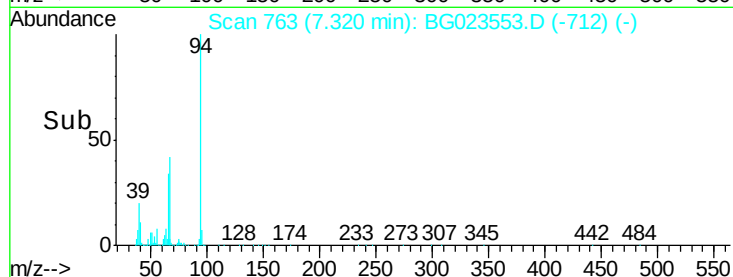
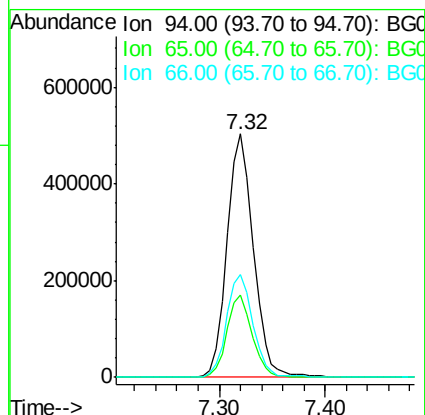
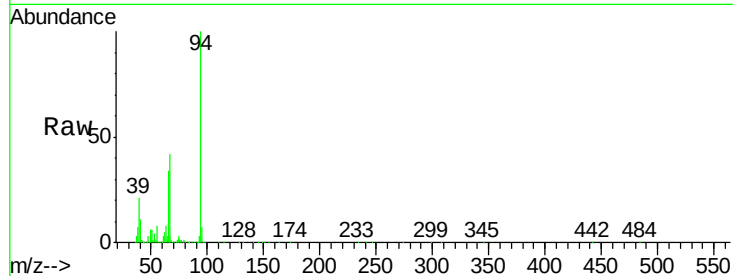
Tgt Ion: 94 Resp: 868334

Ion Ratio Lower Upper

94 100

65 33.6 16.8 25.2#

66 42.2 22.6 33.8#



#10

2-Chlorophenol

Concen: 69.19 ng/ul

RT: 7.70 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG023553.D

Acq: 9 Aug 2016 9:41

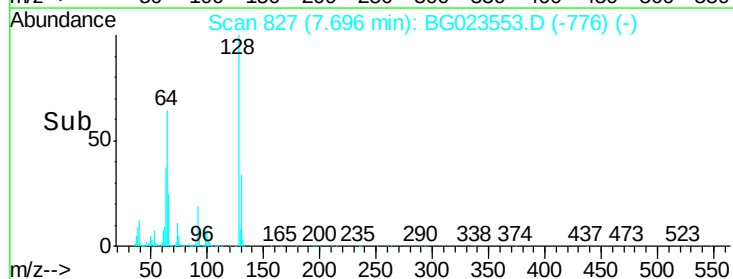
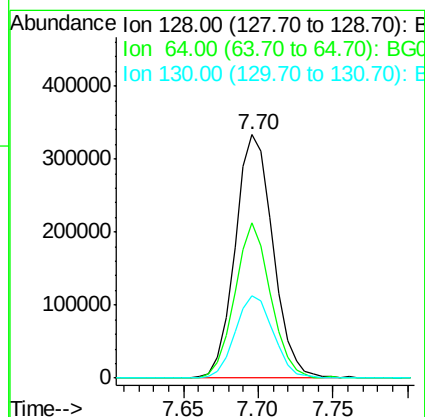
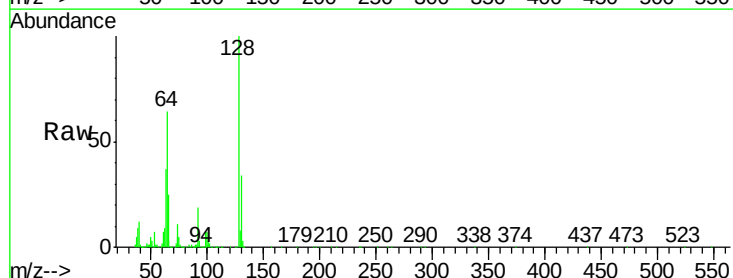
Tgt Ion: 128 Resp: 585579

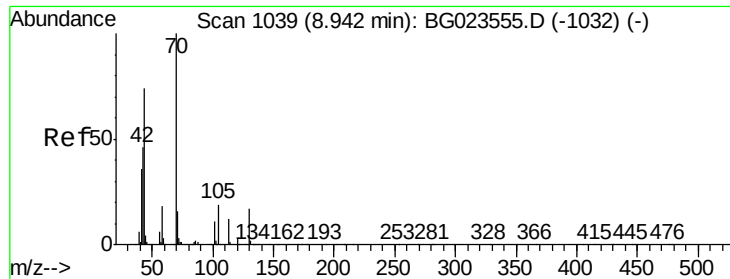
Ion Ratio Lower Upper

128 100

64 64.0 34.2 51.4#

130 33.7 27.0 40.4

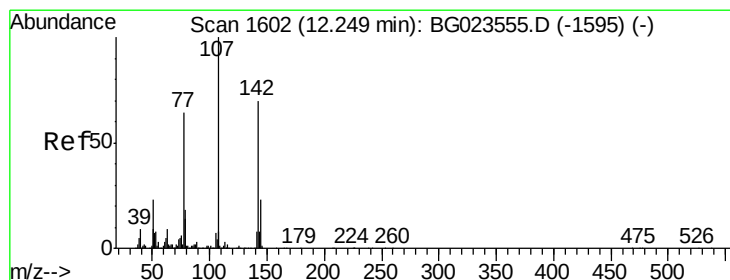
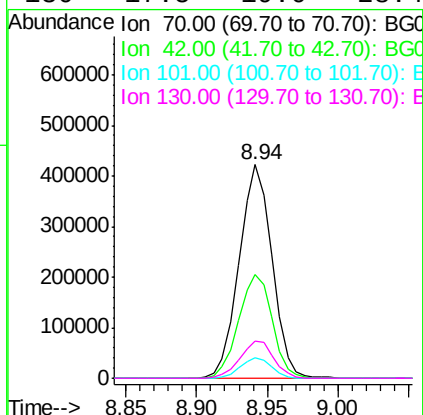
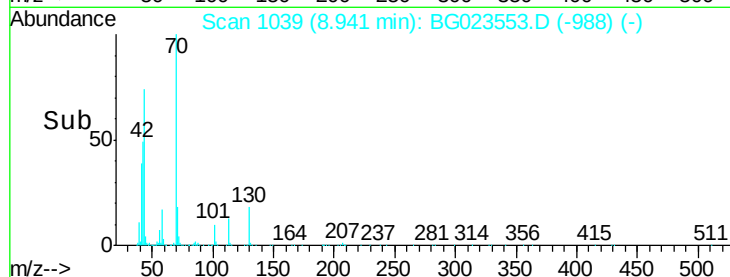
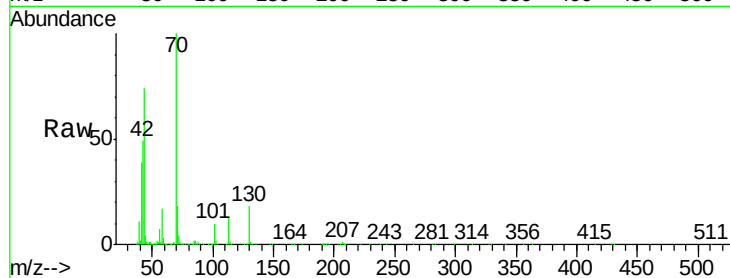




#15
N-Nitroso-di-n-propylamine
Concen: 75.05 ng/ul
RT: 8.94 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG023553.D
Acq: 9 Aug 2016 9:41

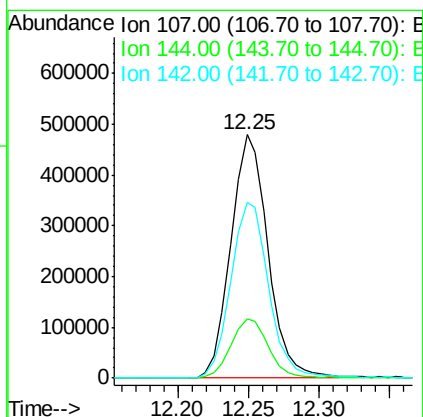
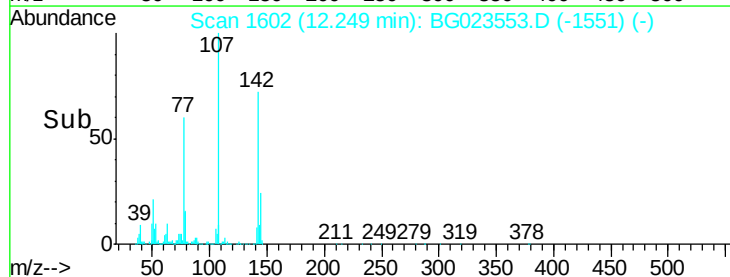
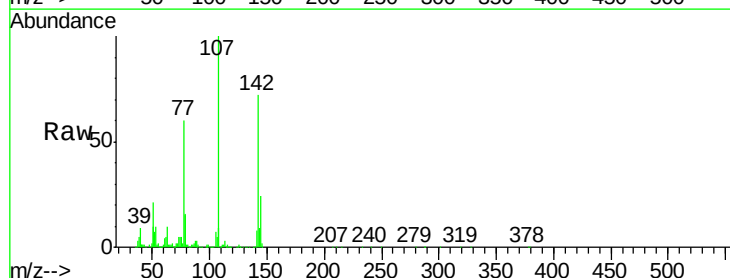
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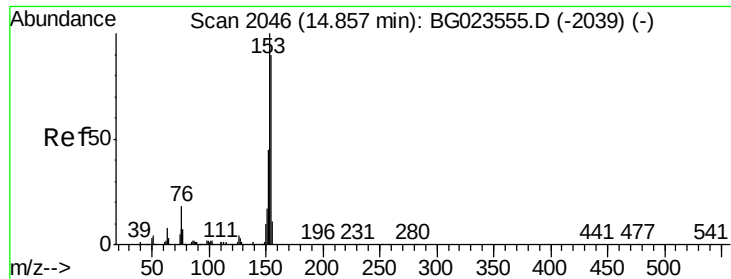
Tgt Ion: 70 Resp: 688626
Ion Ratio Lower Upper
70 100
42 48.6 31.4 47.2#
101 9.7 8.6 13.0
130 17.5 19.0 28.4#



#33
4-Chloro-3-methylphenol
Concen: 66.57 ng/ul
RT: 12.25 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BG023553.D
Acq: 9 Aug 2016 9:41

Tgt Ion: 107 Resp: 877592
Ion Ratio Lower Upper
107 100
144 24.5 22.7 34.1
142 72.3 71.6 107.4





#49

Acenaphthene

Concen: 61.78 ng/ul

RT: 14.86 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BG023553.D

Acq: 9 Aug 2016 9:41

Instrument :

BNA_G

ClientSampleId :

SP3753

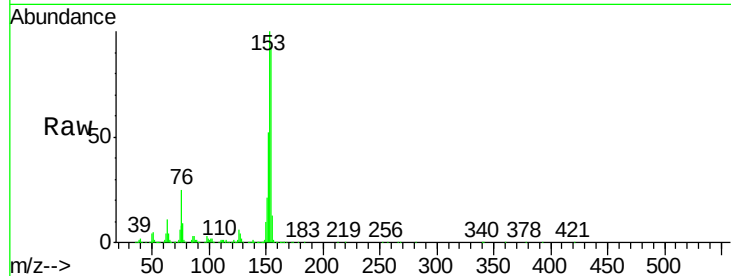
Tgt Ion:153 Resp: 1795047

Ion Ratio Lower Upper

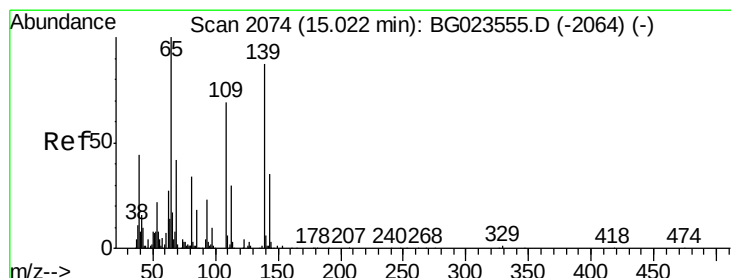
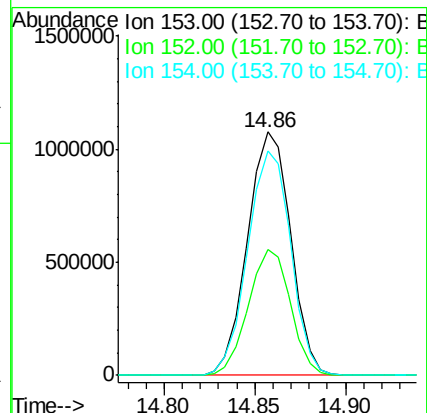
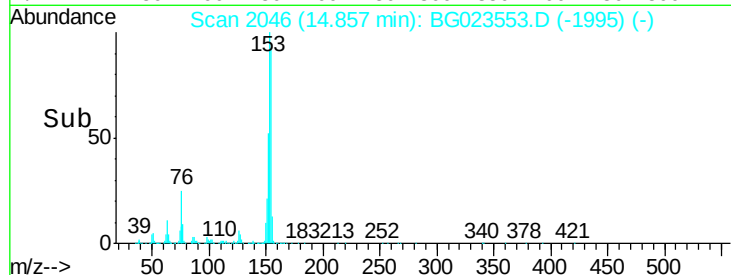
153 100

152 51.9 37.3 55.9

154 92.4 68.2 102.2



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: 61.85 ng/ul

RT: 15.02 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG023553.D

Acq: 9 Aug 2016 9:41

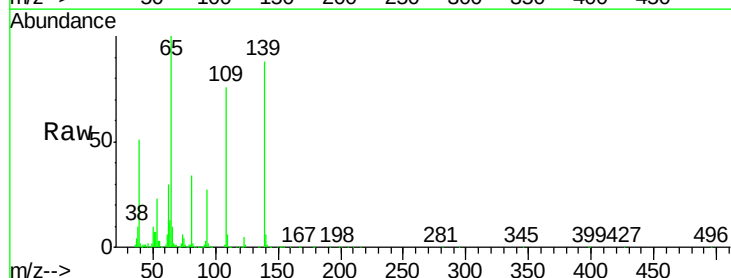
Tgt Ion:109 Resp: 383118

Ion Ratio Lower Upper

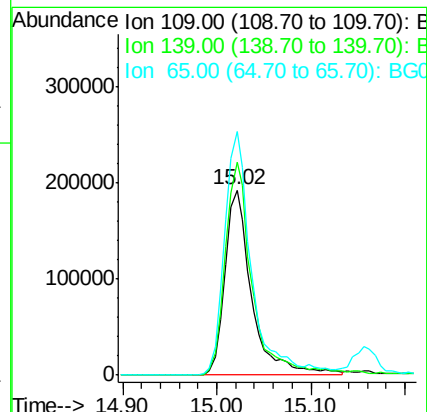
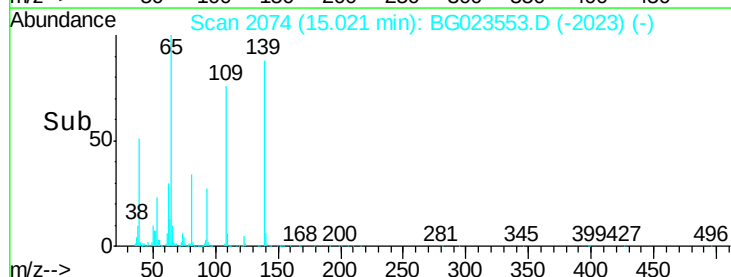
109 100

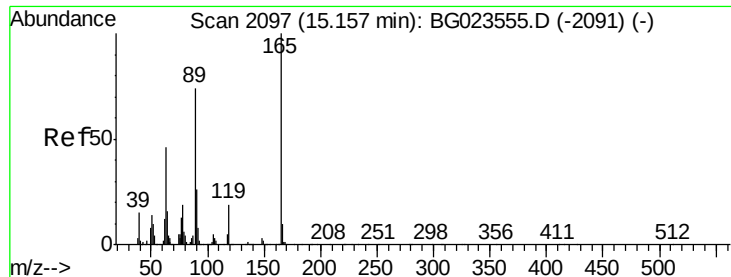
139 115.3 136.1 204.1#

65 131.7 106.0 159.0



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): BG

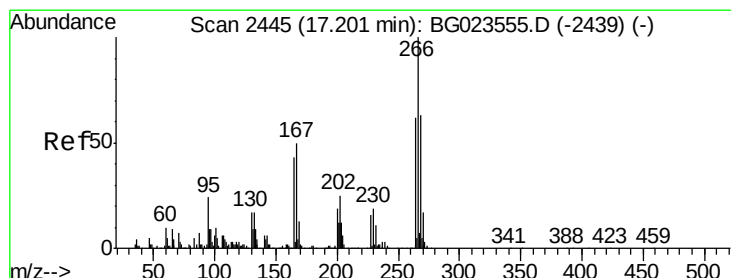
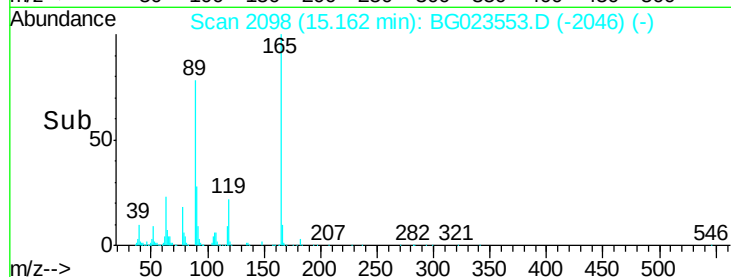
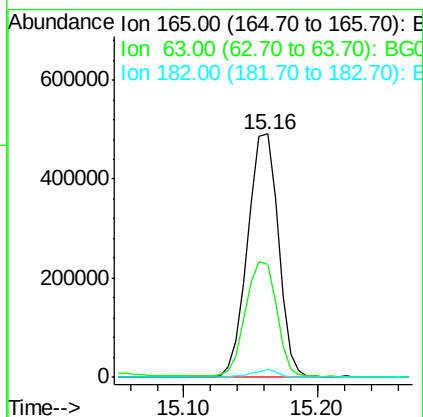
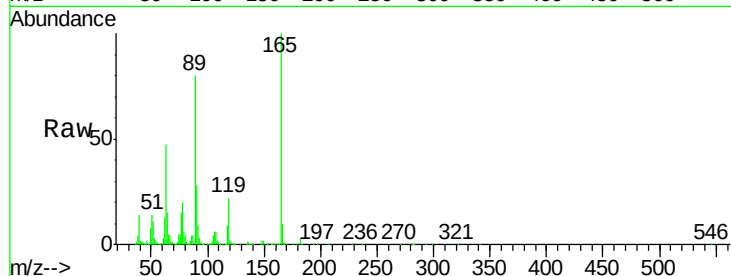




#54
 2,4-Dinitrotoluene
 Concen: 66.41 ng/ul
 RT: 15.16 min Scan# 2098
 Delta R.T. 0.01 min
 Lab File: BG023553.D
 Acq: 9 Aug 2016 9:41

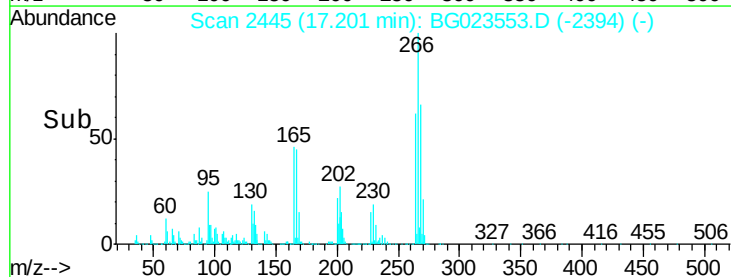
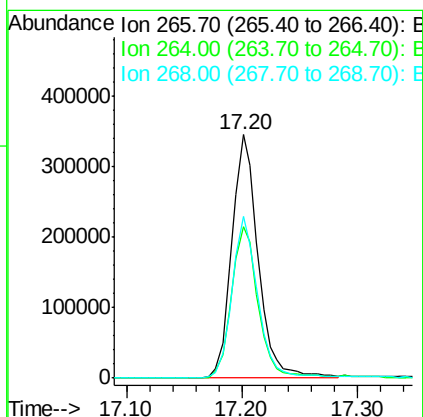
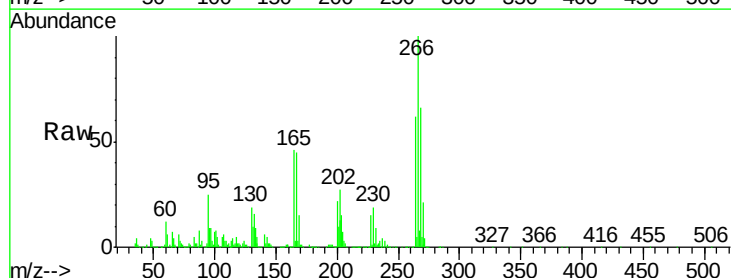
Instrument :
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 ClientSampleId :
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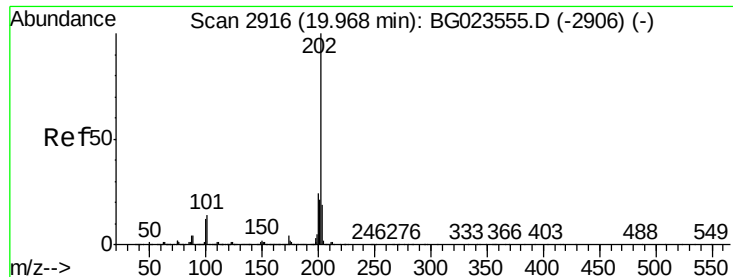
Tgt Ion:165 Resp: 782588
 Ion Ratio Lower Upper
 165 100
 63 46.7 25.7 38.5#
 182 3.3 2.1 3.1#



#68
 Pentachlorophenol
 Concen: 74.14 ng/ul
 RT: 17.20 min Scan# 2445
 Delta R.T. -0.00 min
 Lab File: BG023553.D
 Acq: 9 Aug 2016 9:41

Tgt Ion:266 Resp: 545642
 Ion Ratio Lower Upper
 266 100
 264 62.1 54.7 82.1
 268 66.4 57.8 86.8

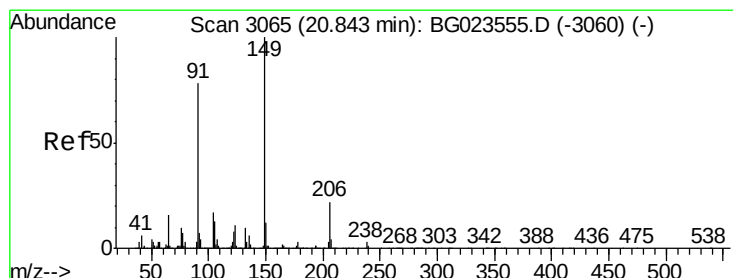
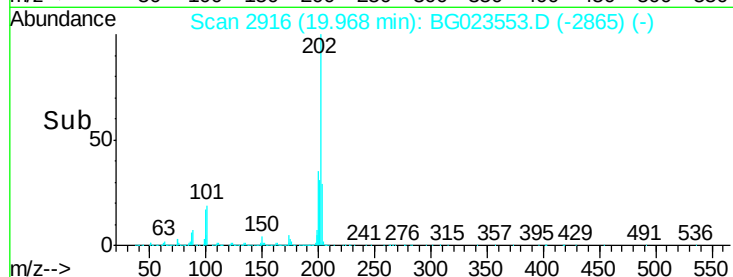
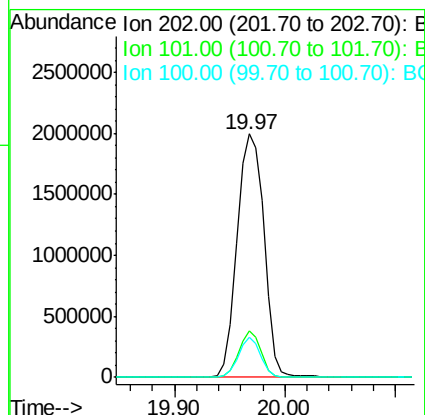
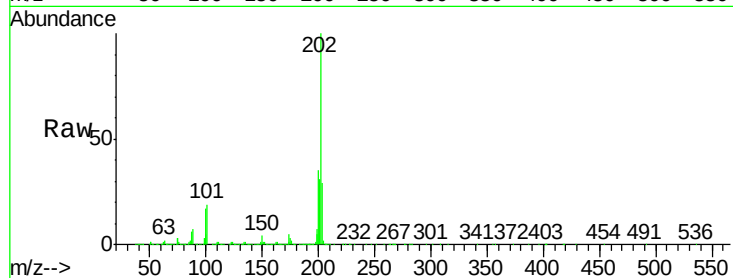




#77
 Pyrene
 Concen: 21839.33 ng/ul
 RT: 19.97 min Scan# 2916
 Delta R.T. -0.00 min
 Lab File: BG023553.D
 Acq: 9 Aug 2016 9:41

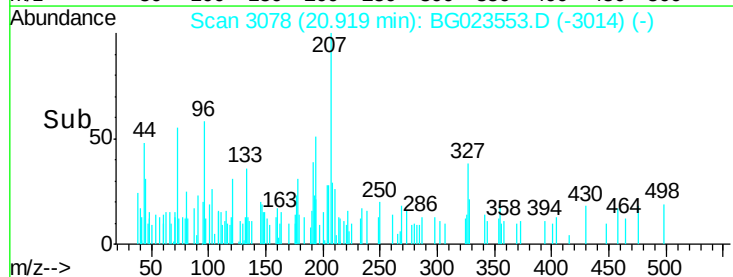
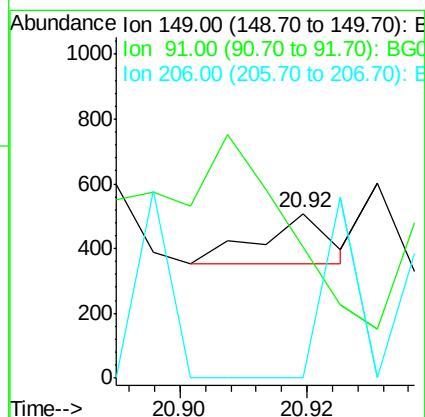
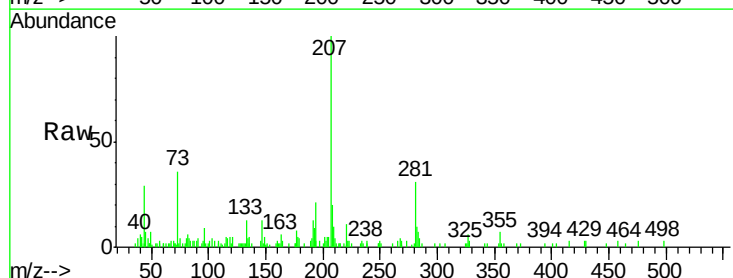
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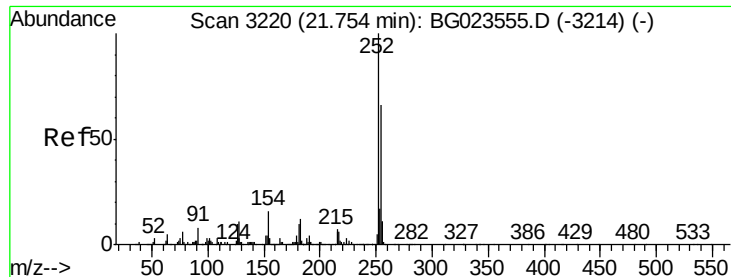
Tgt Ion: 202 Resp: 3426554
 Ion Ratio Lower Upper
 202 100
 101 19.1 12.5 18.7#
 100 16.6 10.2 15.4#



#78
 Butylbenzylphthalate
 Concen: 1.93 ng/ul
 RT: 20.92 min Scan# 3078
 Delta R.T. 0.08 min
 Lab File: BG023553.D
 Acq: 9 Aug 2016 9:41

Tgt Ion: 149 Resp: 116
 Ion Ratio Lower Upper
 149 100
 91 79.5 54.2 81.4
 206 0.0 14.1 21.1#

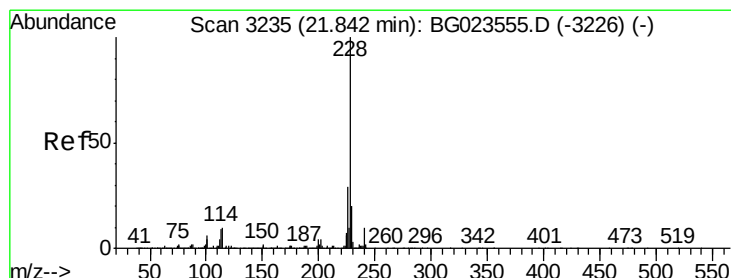
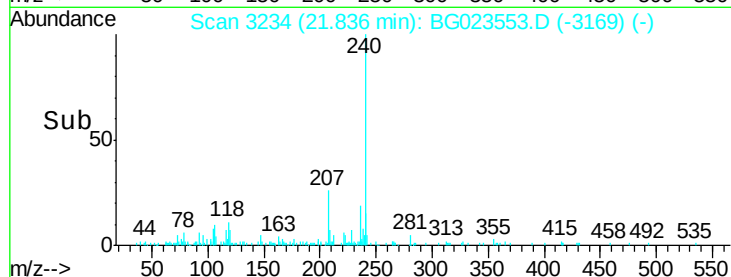
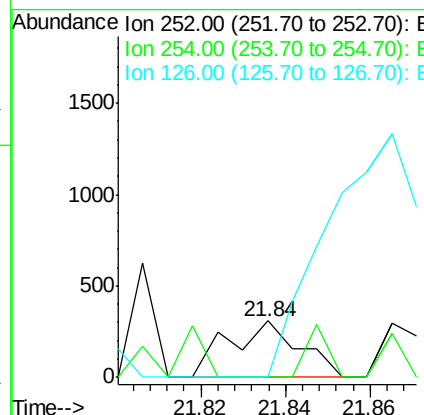
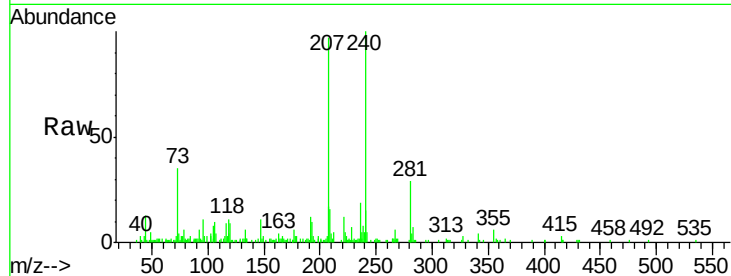




#79
 3,3'-Dichlorobenzidine
 Concen: 8.03 ng/ul
 RT: 21.84 min Scan# 3234
 Delta R.T. 0.08 min
 Lab File: BG023553.D
 Acq: 9 Aug 2016 9:41

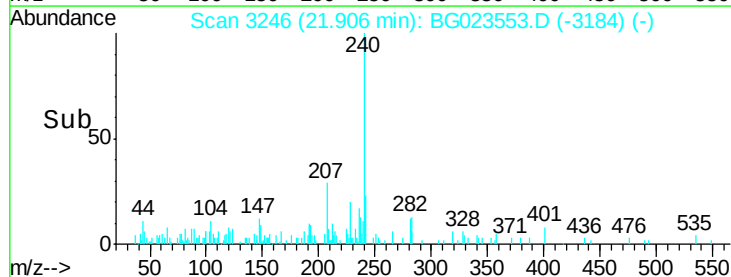
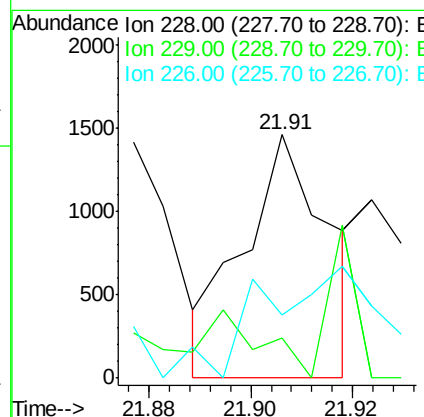
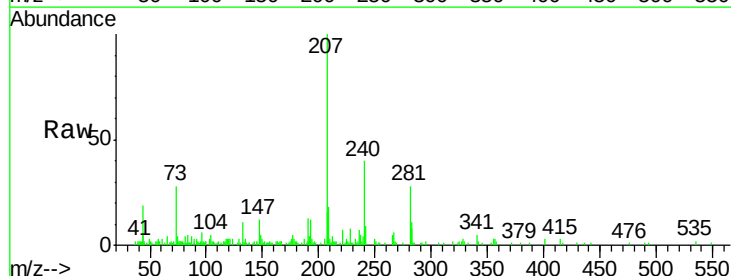
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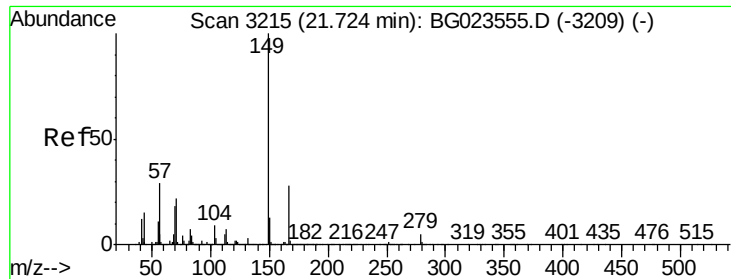
Tgt Ion: 252 Resp: 359
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.4 77.2#
 126 0.0 10.7 16.1#



#80
 Benzo(a)anthracene
 Concen: 11.83 ng/ul
 RT: 21.91 min Scan# 3246
 Delta R.T. 0.06 min
 Lab File: BG023553.D
 Acq: 9 Aug 2016 9:41

Tgt Ion: 228 Resp: 1691
 Ion Ratio Lower Upper
 228 100
 229 16.4 15.4 23.2
 226 25.9 22.8 34.2

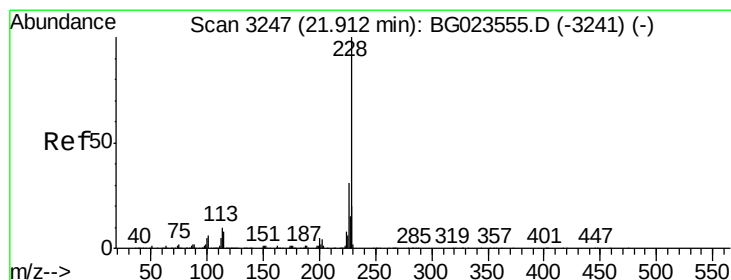
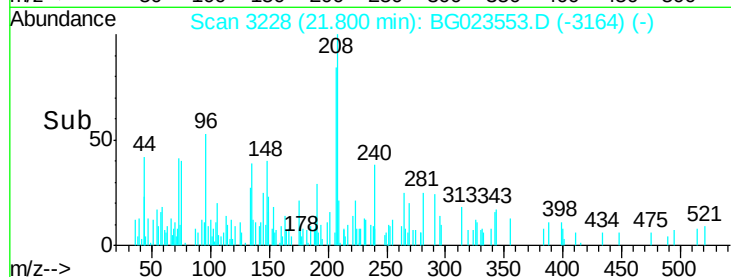
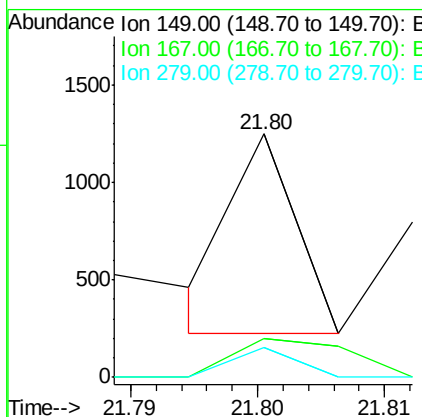
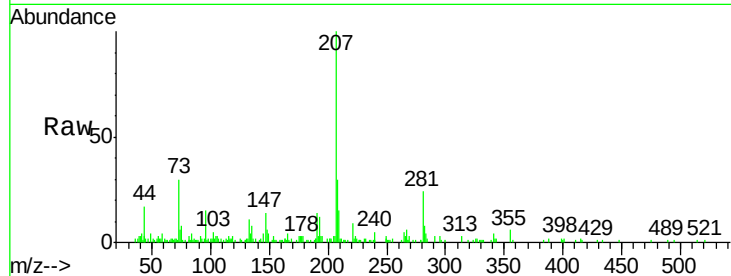




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 4.50 ng/ul
 RT: 21.80 min Scan# 3228
 Delta R.T. 0.08 min
 Lab File: BG023553.D
 Acq: 9 Aug 2016 9:41

Instrument :
 BNA_G
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Tgt Ion:149 Resp: 360
 Ion Ratio Lower Upper
 149 100
 167 15.9 21.9 32.9#
 279 12.3 2.9 4.3#



#82
 Chrysene
 Concen: 13.01 ng/ul
 RT: 21.91 min Scan# 3246
 Delta R.T. -0.01 min
 Lab File: BG023553.D
 Acq: 9 Aug 2016 9:41

Tgt Ion:228 Resp: 1691
 Ion Ratio Lower Upper
 228 100
 226 25.9 24.2 36.4
 229 16.4 15.0 22.6

