

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
 Data File : BG023559.D
 Acq On : 9 Aug 2016 16:46
 Operator : UM/SJ
 Sample : H4362-05MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS005-0002-01MSD

Quant Time: Aug 10 05:02:35 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	8.11	152	141740	20.00	ng/ul	-0.03
18) Naphthalene-d8	10.95	136	679318	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.78	164	506833	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1255285	20.00	ng/ul	0.00
75) Chrysene-d12	21.98	240	2268	20.00	ng/ul	0.12
83) Perylene-d12	25.28	264	1234420	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	6313	1.89	ng/uL	0.00
5) Phenol-d5	7.27	99	292657	20.50	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	201621	22.04	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	202641	20.80	ng/ul	-0.03
13) 4-Methylphenol-d8	8.83	113	220148	19.75	ng/ul	-0.02
19) Nitrobenzene-d5	9.28	128	112210	20.96	ng/ul	-0.03
22) 2-Nitrophenol-d4	10.02	143	135930	22.10	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.76	165	344	0.03	ng/ul	0.18
29) 4-Chloroaniline-d4	11.09	131	298592	21.94	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	914073	22.03	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1033702	22.13	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	146368	20.66	ng/ul	0.00
57) Fluorene-d10	15.78	176	855451	22.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	164818	20.47	ng/ul	0.00
70) Anthracene-d10	17.65	188	1293376	22.87	ng/ul	0.00
76) Pyrene-d10	19.94	212	1443640	12574.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.05	264	1287666	23.05	ng/ul	0.03

Target Compounds

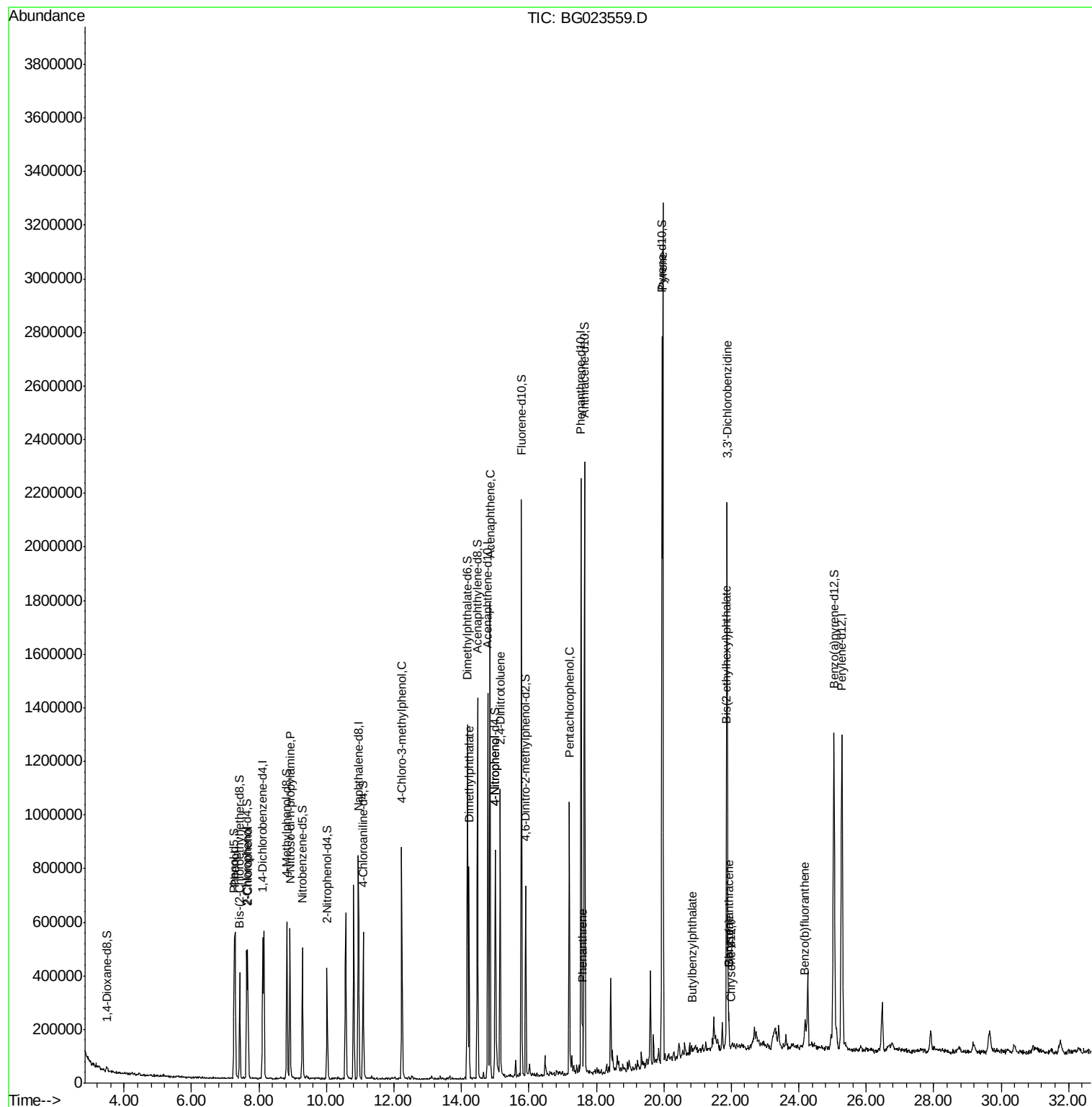
						Qvalue
6) Phenol	7.29	94	309428	20.81	ng/ul#	77
10) 2-Chlorophenol	7.67	128	203592	20.52	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.92	70	241249	22.43	ng/ul#	86
33) 4-Chloro-3-methylphenol	12.23	107	329064	21.86	ng/ul#	81
44) Dimethylphthalate	14.22	163	492530	11.99	ng/ul	99
49) Acenaphthene	14.85	153	743291	22.33	ng/ul	97
52) 4-Nitrophenol	15.01	109	142719	20.11	ng/ul#	74
54) 2,4-Dinitrotoluene	15.15	165	299103	22.16	ng/ul#	78
68) Pentachlorophenol	17.20	266	187761	22.19	ng/ul	97
69) Phenanthrene	17.59	178	102193	1.57	ng/ul	95
77) Pyrene	19.98	202	1863496	13291.03	ng/ul#	94
78) Butylbenzylphthalate	20.85	149	2735	50.86	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.87	252	115	2.88	ng/ul#	1
80) Benzo(a)anthracene	21.93	228	86873	680.16	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.86	149	669	9.36	ng/ul#	57
82) Chrysene	21.93	228	86549	745.24	ng/ul	97
85) Benzo(b)fluoranthene	24.19	252	113627	1.62	ng/ul#	88

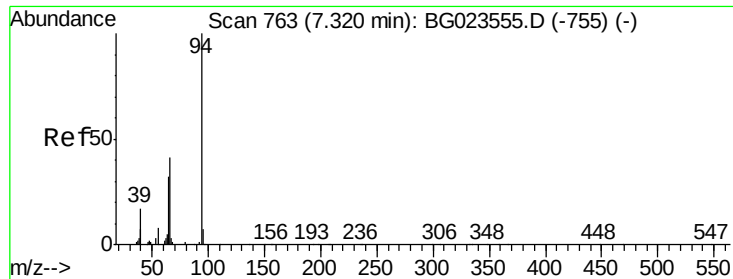
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 20.81 ng/ul

RT: 7.29 min Scan# 758

Delta R.T. -0.03 min

Lab File: BG023559.D

Acq: 9 Aug 2016 16:46

Instrument :

BNA_G

ClientSampleId :

PR001-SS005-0002-01MSD

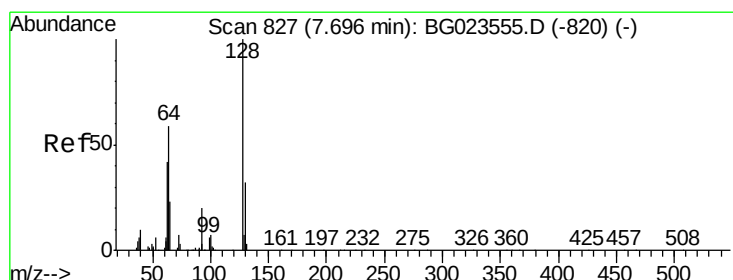
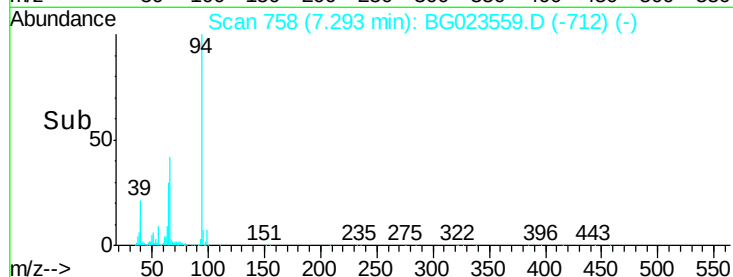
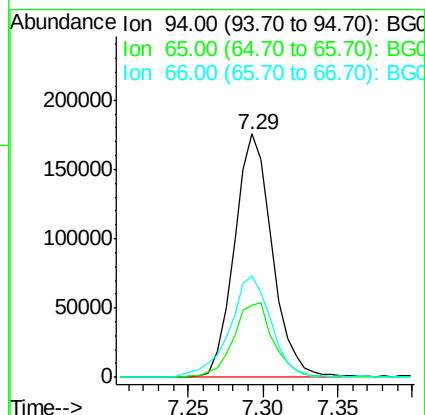
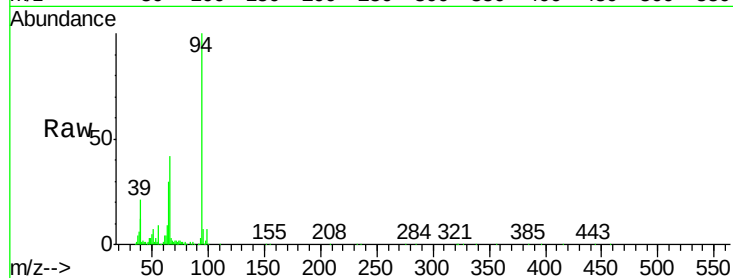
Tgt Ion: 94 Resp: 309428

Ion Ratio Lower Upper

94 100

65 29.6 16.8 25.2#

66 41.9 22.6 33.8#



#10

2-Chlorophenol

Concen: 20.52 ng/ul

RT: 7.67 min Scan# 822

Delta R.T. -0.03 min

Lab File: BG023559.D

Acq: 9 Aug 2016 16:46

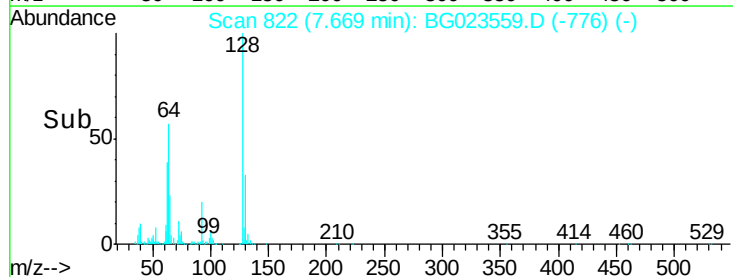
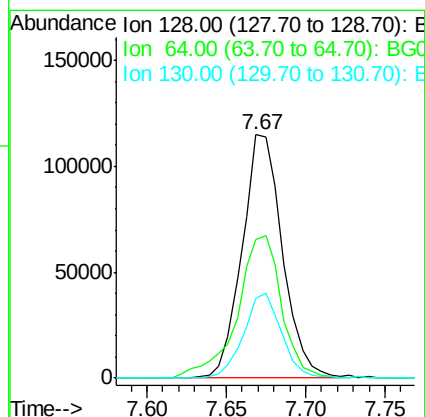
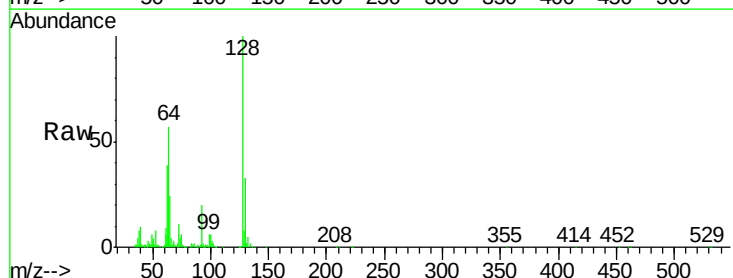
Tgt Ion: 128 Resp: 203592

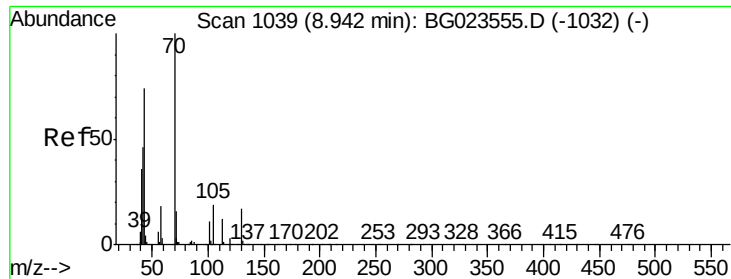
Ion Ratio Lower Upper

128 100

64 56.8 34.2 51.4#

130 32.9 27.0 40.4

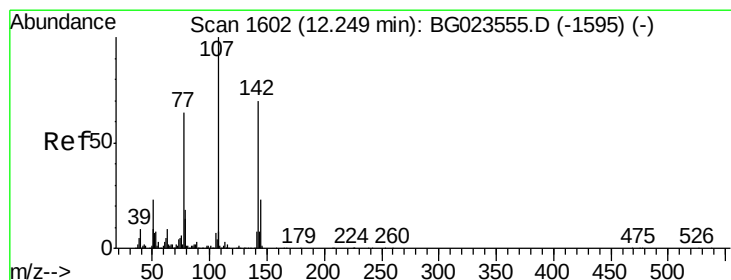
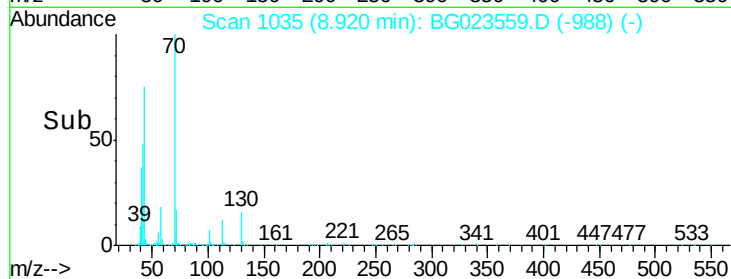
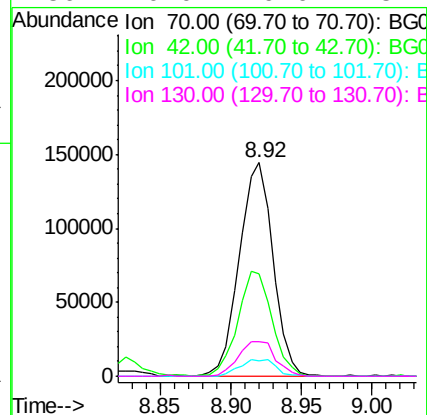
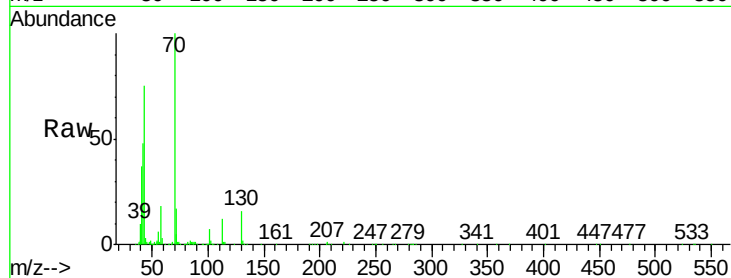




#15
N-Nitroso-di-n-propylamine
Concen: 22.43 ng/ul
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG023559.D
Acq: 9 Aug 2016 16:46

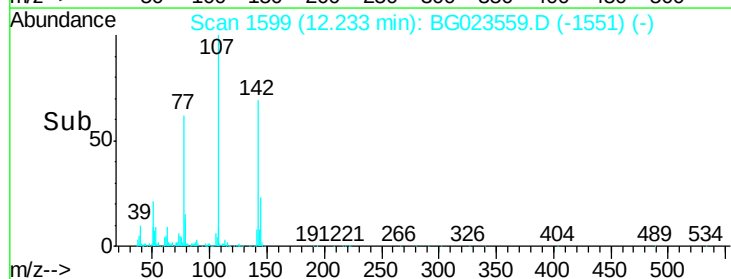
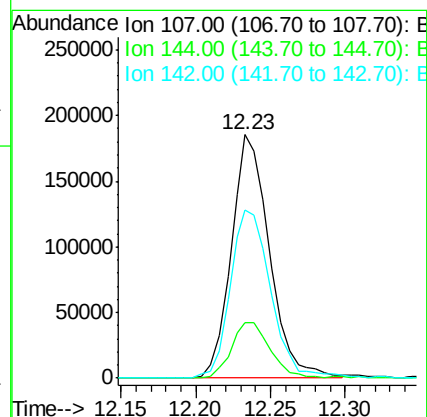
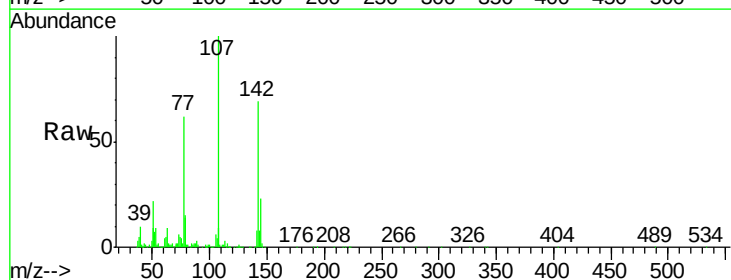
Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0002-01MSD

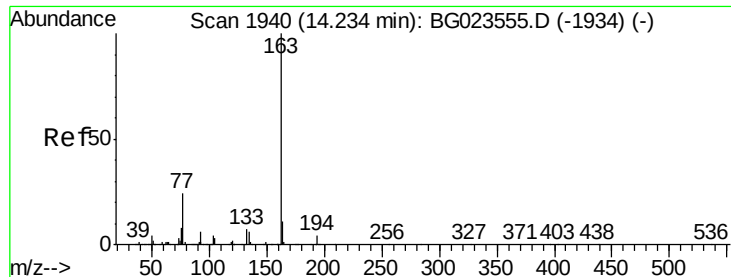
Tgt Ion:	70	Resp:	241249
Ion Ratio	Lower	Upper	
70	100		
42	48.1	31.4	47.2#
101	7.0	8.6	13.0#
130	16.0	19.0	28.4#



#33
4-Chloro-3-methylphenol
Concen: 21.86 ng/ul
RT: 12.23 min Scan# 1599
Delta R.T. -0.02 min
Lab File: BG023559.D
Acq: 9 Aug 2016 16:46

Tgt Ion:	107	Resp:	329064
Ion Ratio	Lower	Upper	
107	100		
144	23.0	22.7	34.1
142	68.8	71.6	107.4#

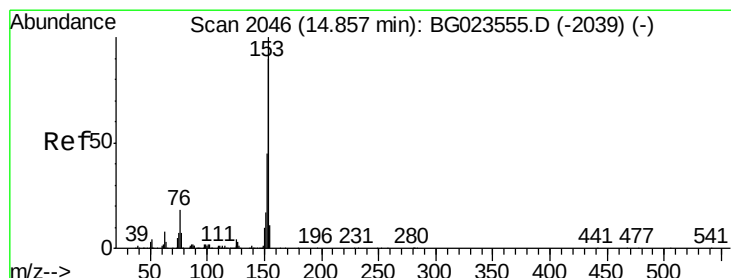
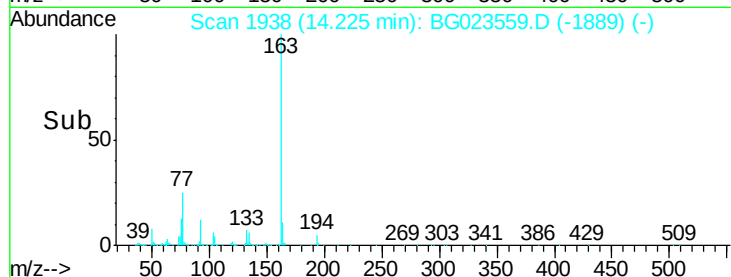
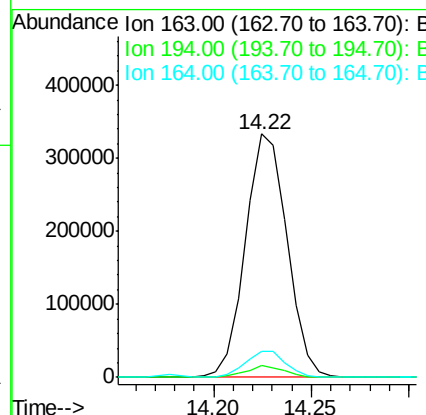
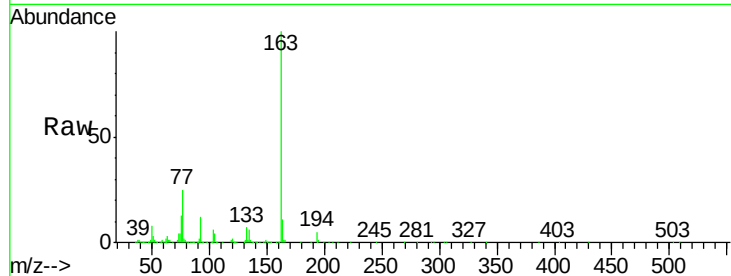




#44
Dimethylphthalate
Concen: 11.99 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG023559.D
Acq: 9 Aug 2016 16:46

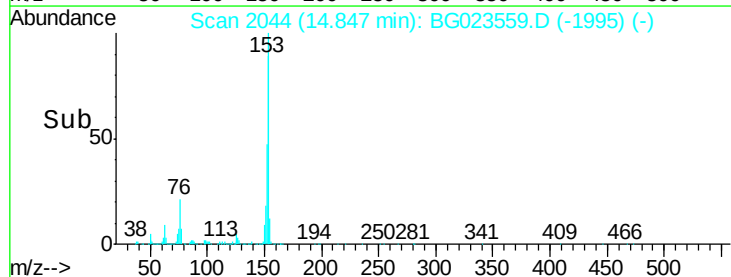
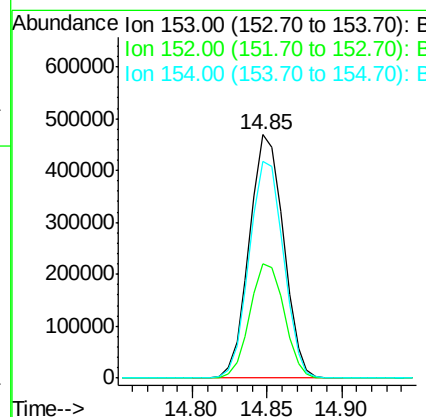
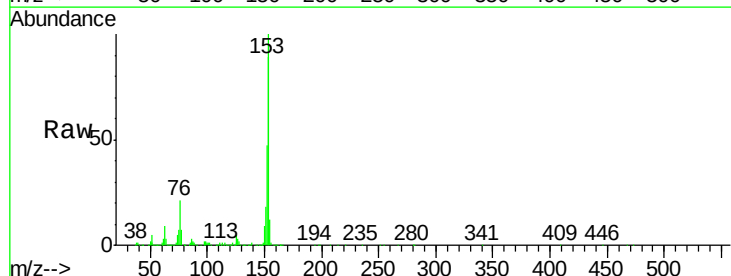
Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0002-01MSD

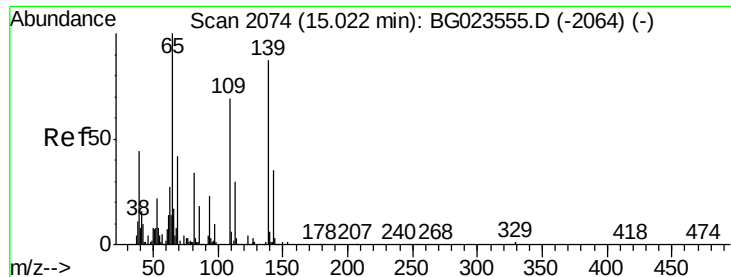
Tgt Ion:163 Resp: 492530
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 10.9 8.8 13.2



#49
Acenaphthene
Concen: 22.33 ng/ul
RT: 14.85 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG023559.D
Acq: 9 Aug 2016 16:46

Tgt Ion:153 Resp: 743291
Ion Ratio Lower Upper
153 100
152 47.1 37.3 55.9
154 89.0 68.2 102.2





#52

4-Nitrophenol

Concen: 20.11 ng/ul

RT: 15.01 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BG023559.D

Acq: 9 Aug 2016 16:46

Instrument :

BNA_G

ClientSampleId :

PR001-SS005-0002-01MSD

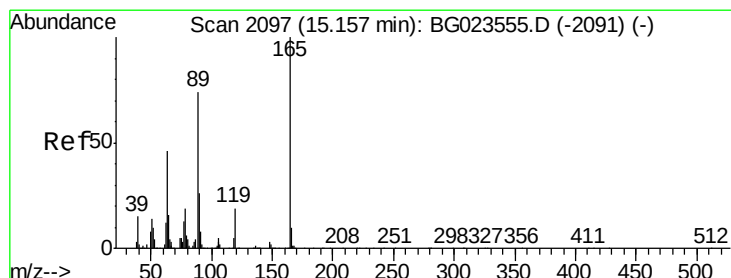
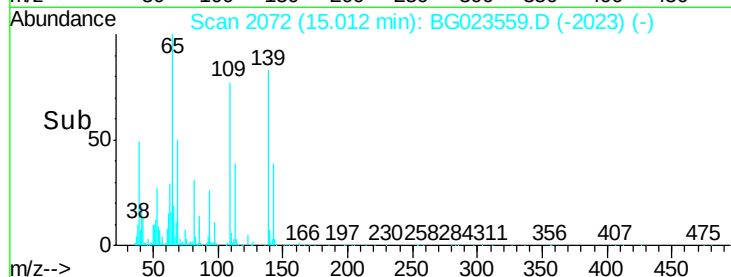
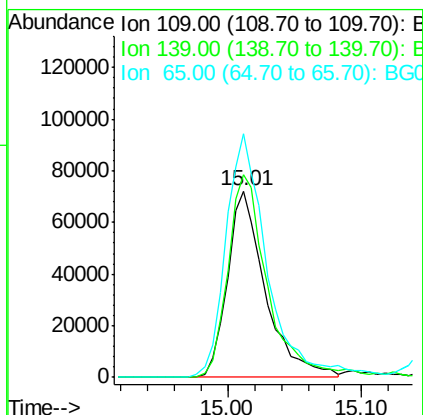
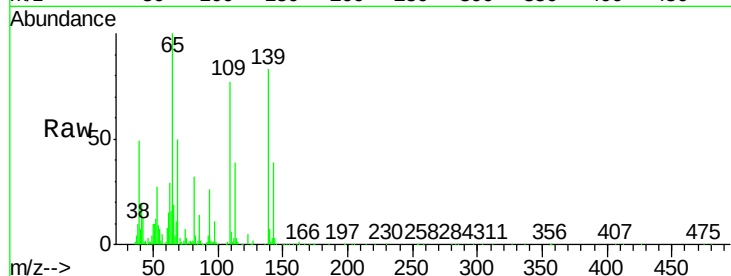
Tgt Ion:109 Resp: 142719

Ion Ratio Lower Upper

109 100

139 108.6 136.1 204.1#

65 130.7 106.0 159.0



#54

2,4-Dinitrotoluene

Concen: 22.16 ng/ul

RT: 15.15 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BG023559.D

Acq: 9 Aug 2016 16:46

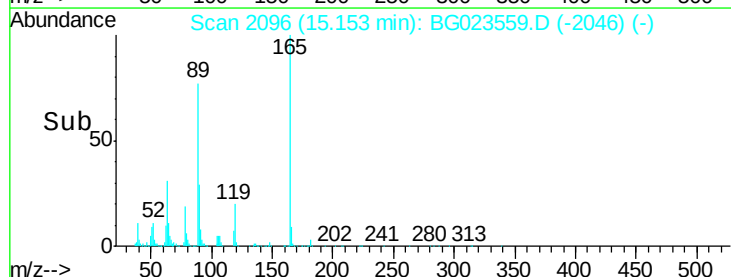
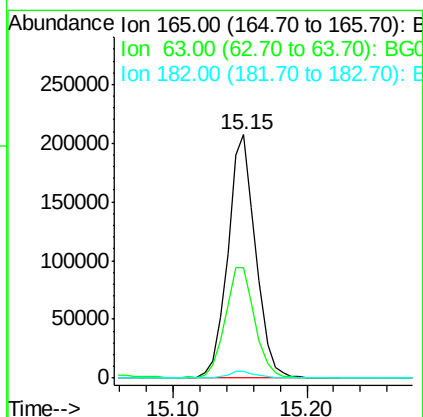
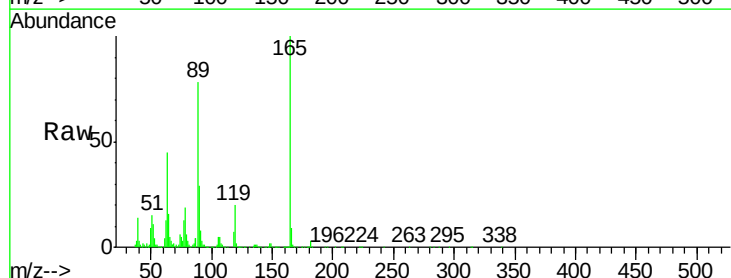
Tgt Ion:165 Resp: 299103

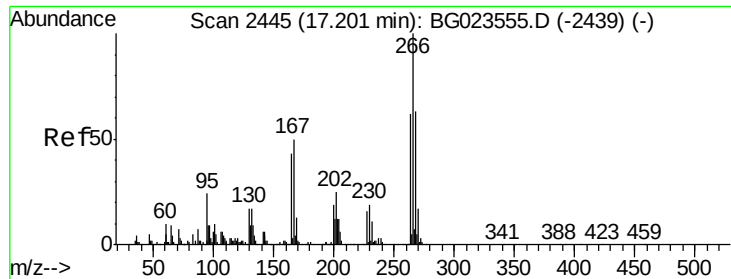
Ion Ratio Lower Upper

165 100

63 45.2 25.7 38.5#

182 3.0 2.1 3.1

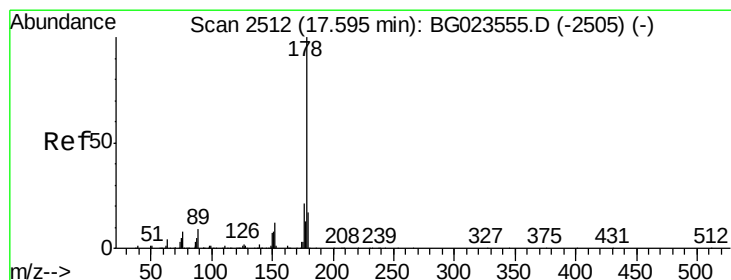
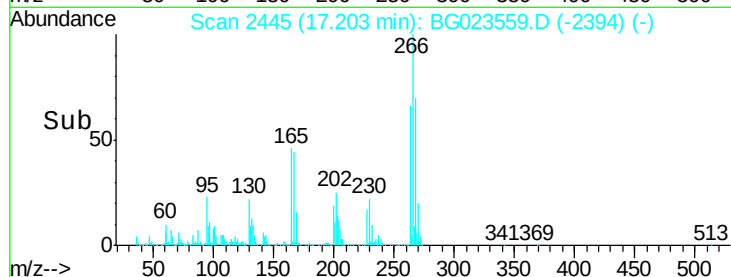
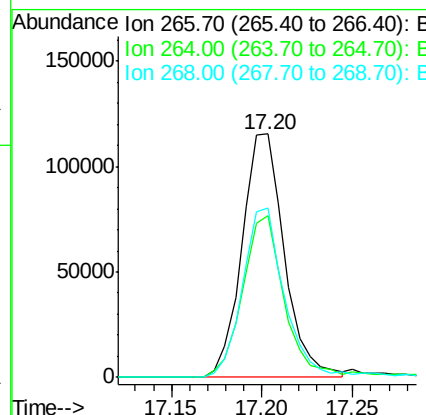
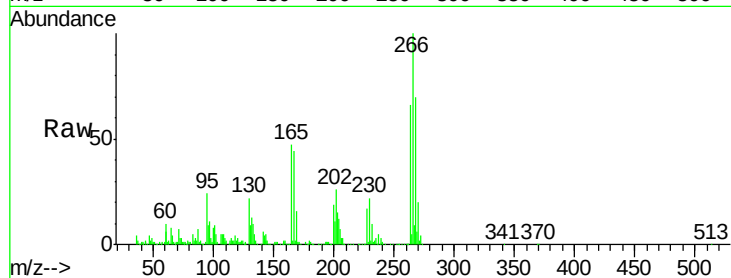




#68
 Pentachlorophenol
 Concen: 22.19 ng/ul
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG023559.D
 Acq: 9 Aug 2016 16:46

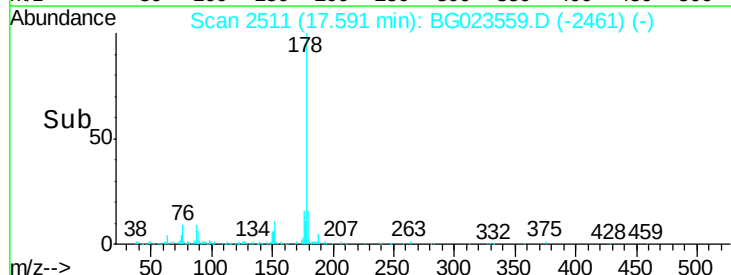
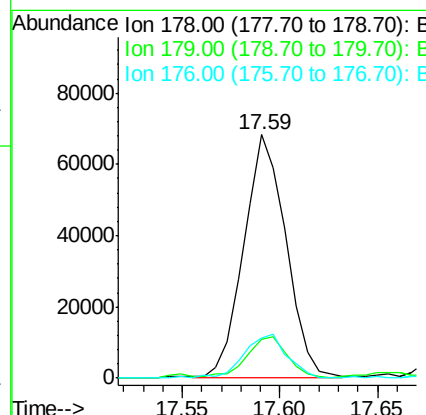
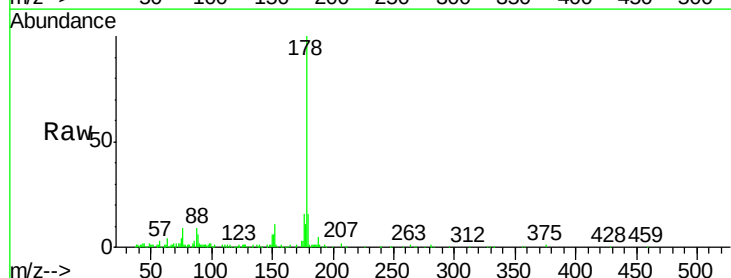
Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS005-0002-01MSD

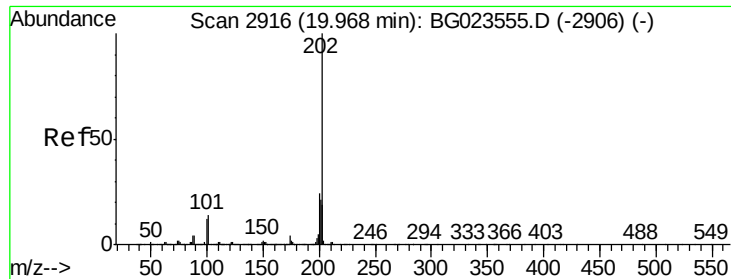
Tgt Ion:266 Resp: 187761
 Ion Ratio Lower Upper
 266 100
 264 66.4 54.7 82.1
 268 69.5 57.8 86.8



#69
 Phenanthrene
 Concen: 1.57 ng/ul
 RT: 17.59 min Scan# 2511
 Delta R.T. -0.00 min
 Lab File: BG023559.D
 Acq: 9 Aug 2016 16:46

Tgt Ion:178 Resp: 102193
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.9 19.3
 176 16.2 15.8 23.8





#77

Pyrene

Concen: 13291.03 ng/ul

RT: 19.98 min Scan# 2917

Delta R.T. 0.01 min

Lab File: BG023559.D

Acq: 9 Aug 2016 16:46

Instrument :

BNA_G

ClientSampleId :

PR001-SS005-0002-01MSD

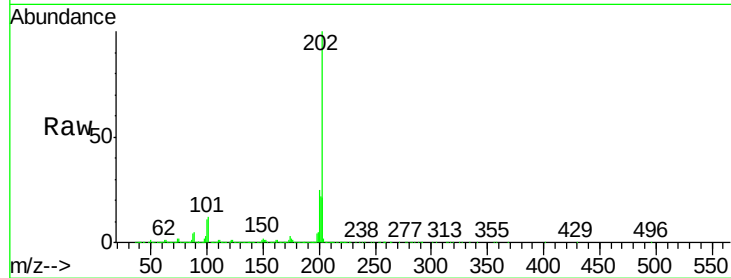
Tgt Ion:202 Resp: 1863496

Ion Ratio Lower Upper

202 100

101 12.4 12.5 18.7#

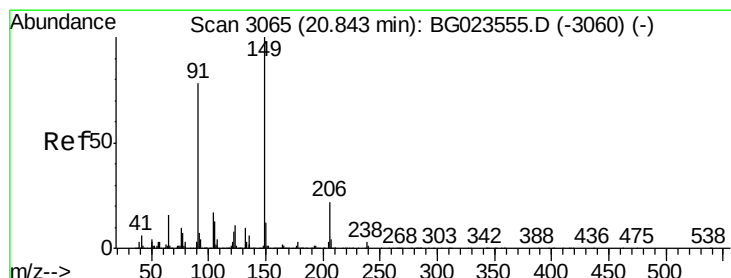
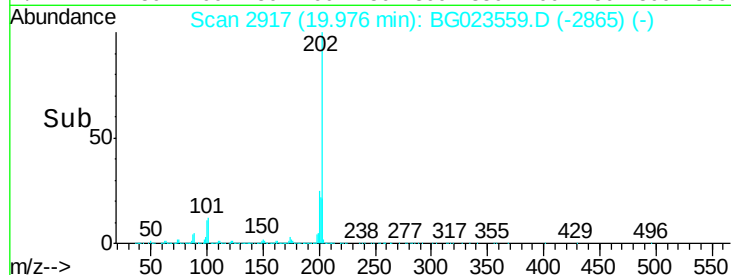
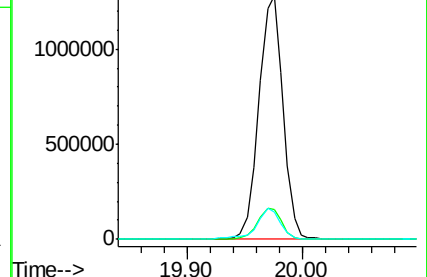
100 11.0 10.2 15.4



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): B



#78

Butylbenzylphthalate

Concen: 50.86 ng/ul

RT: 20.85 min Scan# 3066

Delta R.T. 0.01 min

Lab File: BG023559.D

Acq: 9 Aug 2016 16:46

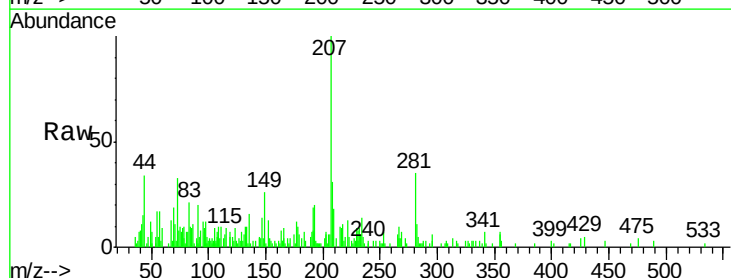
Tgt Ion:149 Resp: 2735

Ion Ratio Lower Upper

149 100

91 76.0 54.2 81.4

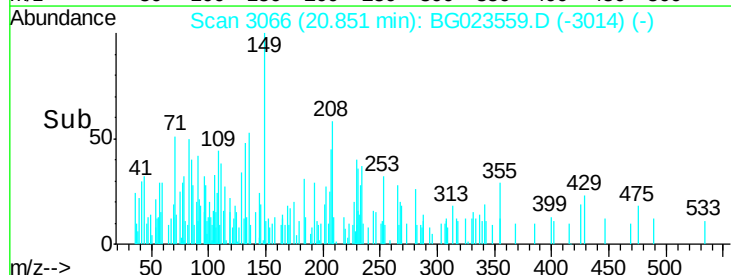
206 21.1 14.1 21.1

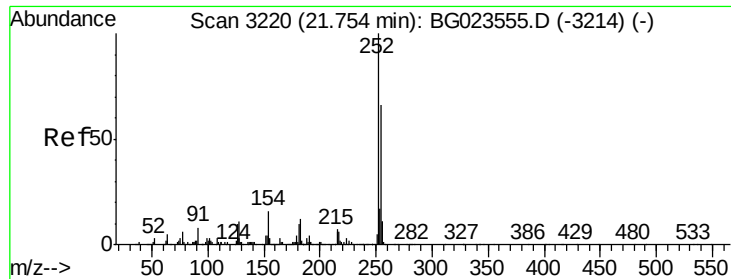


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#79

3,3'-Dichlorobenzidine

Concen: 2.88 ng/ul

RT: 21.87 min Scan# 3240

Delta R.T. 0.12 min

Lab File: BG023559.D

Acq: 9 Aug 2016 16:46

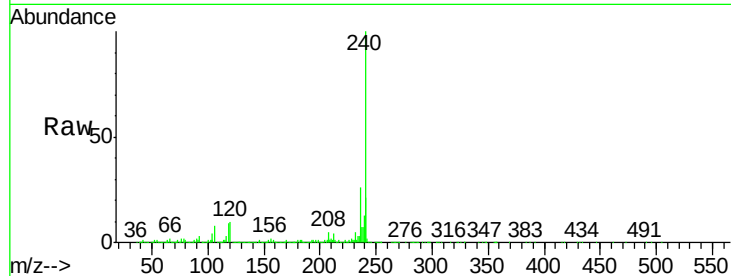
Instrument :

BNA_G

ClientSampleId :

PR001-SS005-0002-01MSD

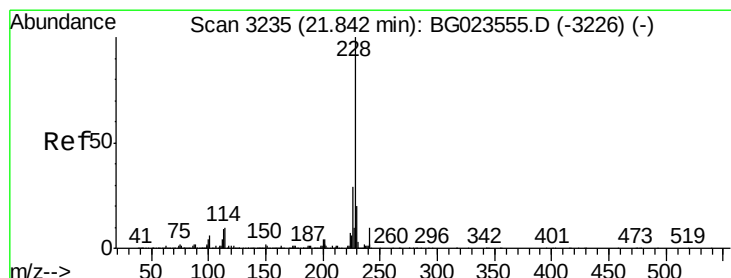
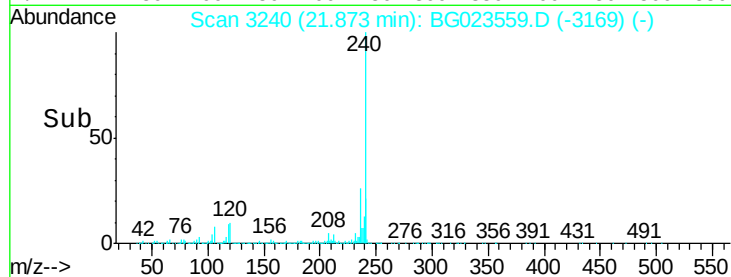
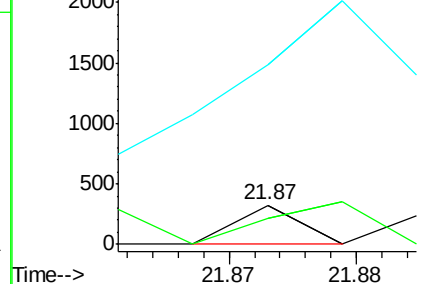
Tgt Ion:	252	Resp:	115
Ion Ratio	Lower	Upper	
252	100		
254	66.5	51.4	77.2
126	456.0	10.7	16.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#80

Benzo(a)anthracene

Concen: 680.16 ng/ul

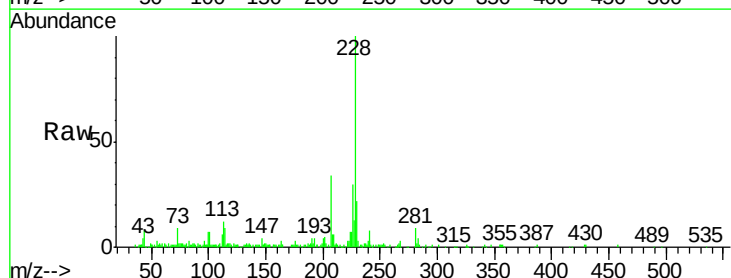
RT: 21.93 min Scan# 3249

Delta R.T. 0.08 min

Lab File: BG023559.D

Acq: 9 Aug 2016 16:46

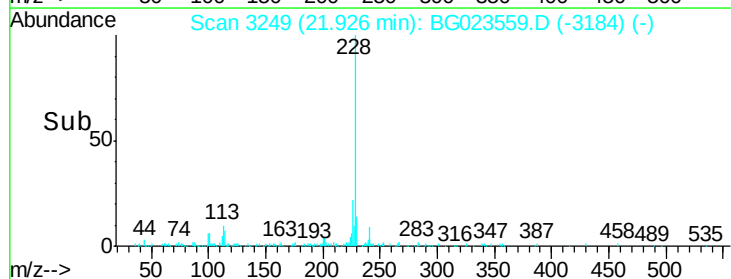
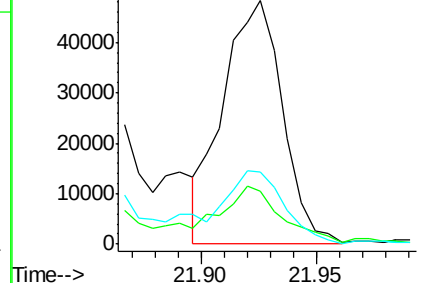
Tgt Ion:	228	Resp:	86873
Ion Ratio	Lower	Upper	
228	100		
229	21.8	15.4	23.2
226	29.5	22.8	34.2

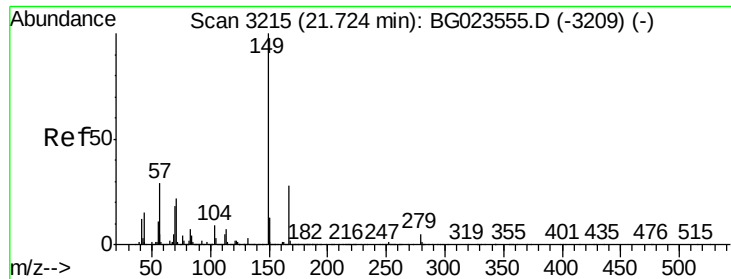


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

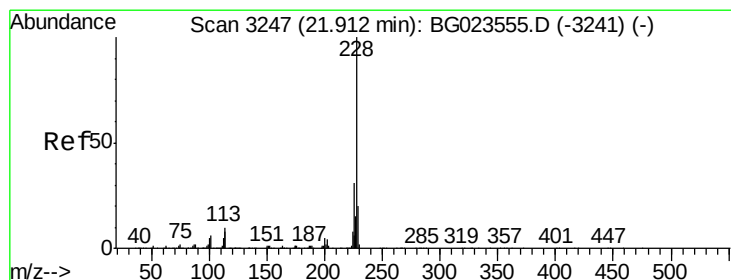
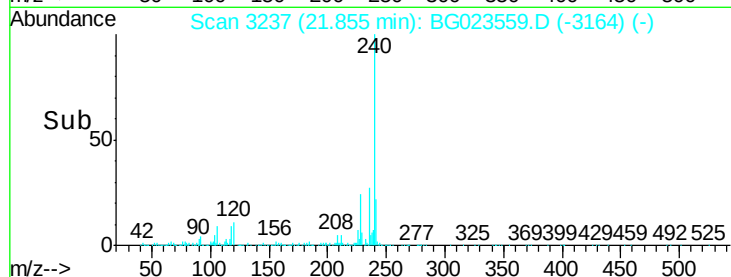
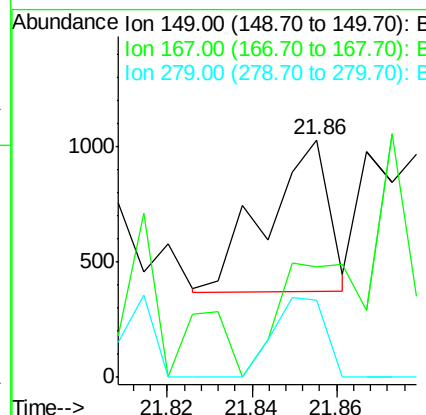
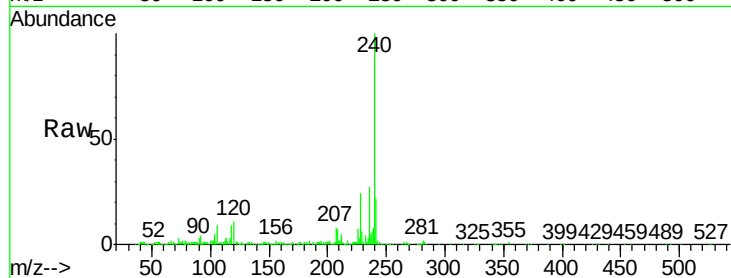




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 9.36 ng/ul
 RT: 21.86 min Scan# 3237
 Delta R.T. 0.13 min
 Lab File: BG023559.D
 Acq: 9 Aug 2016 16:46

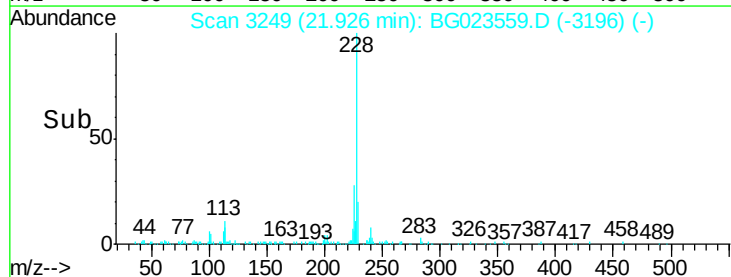
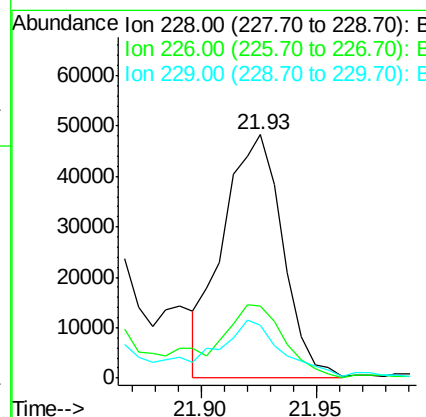
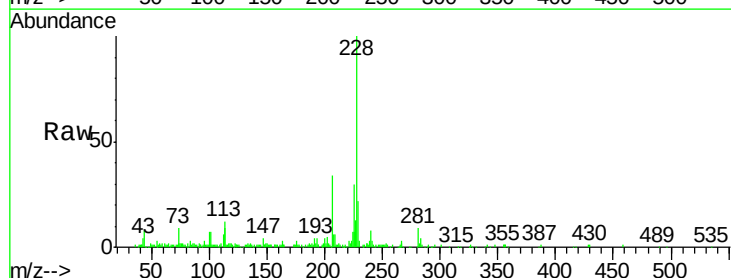
Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS005-0002-01MSD

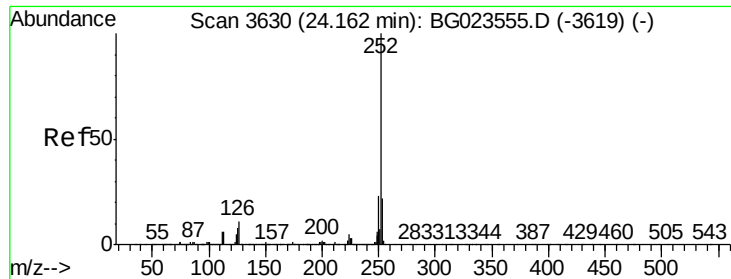
Tgt Ion:149 Resp: 669
 Ion Ratio Lower Upper
 149 100
 167 46.6 21.9 32.9#
 279 32.2 2.9 4.3#



#82
 Chrysene
 Concen: 745.24 ng/ul
 RT: 21.93 min Scan# 3249
 Delta R.T. 0.01 min
 Lab File: BG023559.D
 Acq: 9 Aug 2016 16:46

Tgt Ion:228 Resp: 86549
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.2 36.4
 229 21.8 15.0 22.6





#85

Benzo(b)fluoranthene

Concen: 1.62 ng/ul

RT: 24.19 min Scan# 3634

Delta R.T. 0.03 min

Lab File: BG023559.D

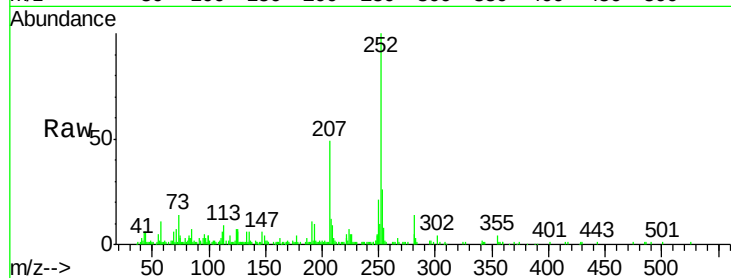
Acq: 9 Aug 2016 16:46

Instrument :

BNA_G

ClientSampleId :

PR001-SS005-0002-01MSD



Tgt Ion:	252	Resp:	113627
Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.2	27.2
125	6.0	10.8	16.2#

