

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081816\
 Data File : BG023777.D
 Acq On : 19 Aug 2016 3:20
 Operator : UM/SJ
 Sample : H4492-05MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHPS2MSD

Quant Time: Aug 19 04:06:38 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 04:06:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	95479	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	420131	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	264526	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.63	188	948952	20.00	ng/ul	0.10
75) Chrysene-d12	21.95	240	744	20.00	ng/ul	0.11
83) Perylene-d12	25.22	264	705331	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	11291	5.37	ng/uL	0.00
5) Phenol-d5	7.25	99	283307	31.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	200808	32.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	205563	32.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	220228	31.46	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	107968	31.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	125734	32.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	208585	29.81	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	281320	32.86	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	736491	33.59	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	830579	33.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	96919	27.35	ng/ul	0.00
57) Fluorene-d10	15.76	176	629791	32.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	320	0.05	ng/ul	0.09
70) Anthracene-d10	17.63	188	948952	21.69	ng/ul	0.00
76) Pyrene-d10	19.99	212	1165	32.63	ng/ul	0.07
87) Benzo(a)pyrene-d12	24.98	264	1097156	33.98	ng/ul	0.00

Target Compounds

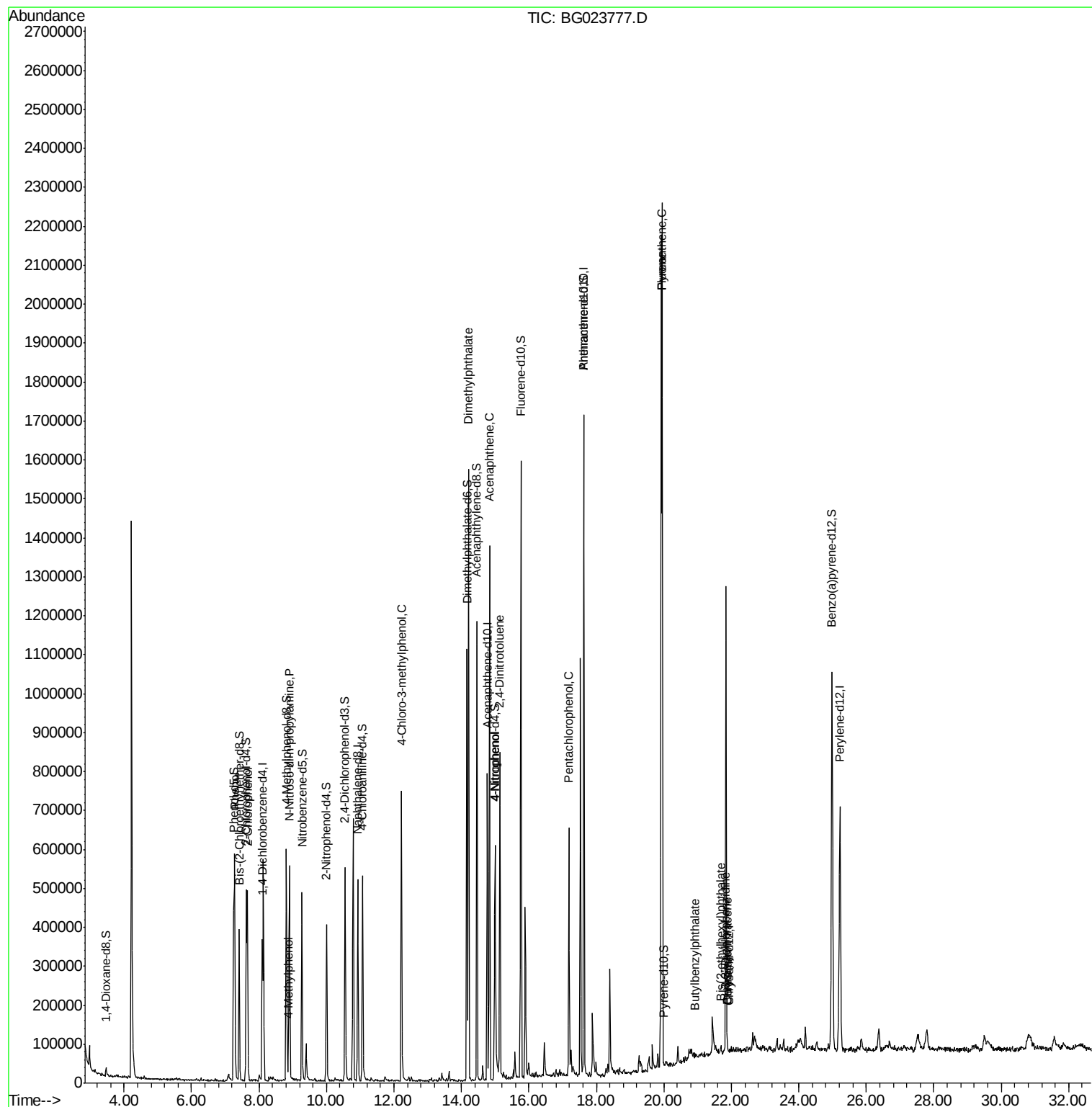
						Qvalue
6) Phenol	7.27	94	312639	34.08	ng/ul#	69
10) 2-Chlorophenol	7.66	128	200147	30.88	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.90	70	234845	33.32	ng/ul#	80
16) 4-Methylphenol	8.87	108	8289	1.09	ng/ul	87
33) 4-Chloro-3-methylphenol	12.22	107	272764	31.60	ng/ul	85
44) Dimethylphthalate	14.21	163	946924	43.18	ng/ul	99
49) Acenaphthene	14.83	153	578463	33.38	ng/ul	96
52) 4-Nitrophenol	15.00	109	107601	30.22	ng/ul#	68
54) 2,4-Dinitrotoluene	15.14	165	220762	32.27	ng/ul#	64
68) Pentachlorophenol	17.18	266	119919	23.50	ng/ul	96
74) Fluoranthene	19.95	202	1339746	25.04	ng/ul	99
77) Pyrene	19.95	202	1343307	30549.73	ng/ul	93
78) Butylbenzylphthalate	20.93	149	149	7.49	ng/ul#	87
79) 3,3'-Dichlorobenzidine	21.81	252	352	23.81	ng/ul#	71
80) Benzo(a)anthracene	21.90	228	1575	36.62	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.70	149	7873	294.27	ng/ul	92
82) Chrysene	21.90	228	1575	40.69	ng/ul	96

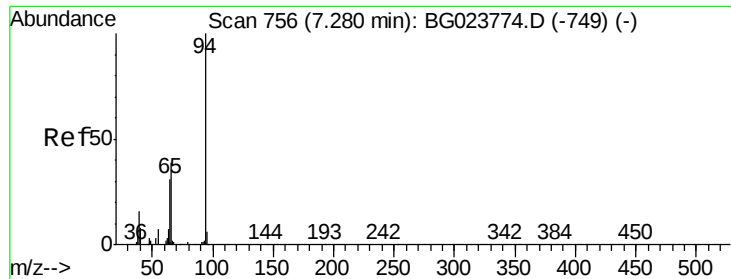
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 34.08 ng/ul

RT: 7.27 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG023777.D

Acq: 19 Aug 2016 3:20

Instrument :

BNA_G

ClientSampleId :

JHPS2MSD

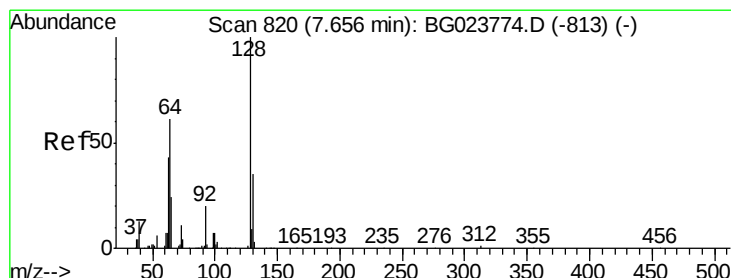
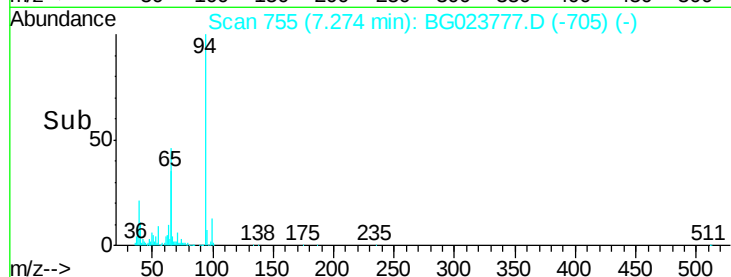
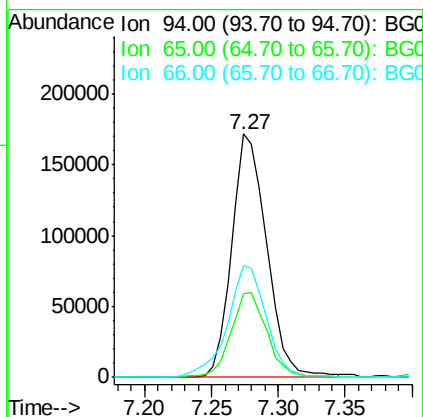
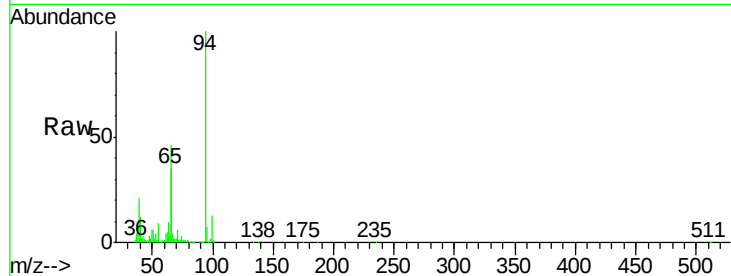
Tgt Ion: 94 Resp: 312639

Ion Ratio Lower Upper

94 100

65 34.6 16.8 25.2#

66 45.8 22.6 33.8#



#10

2-Chlorophenol

Concen: 30.88 ng/ul

RT: 7.66 min Scan# 820

Delta R.T. 0.00 min

Lab File: BG023777.D

Acq: 19 Aug 2016 3:20

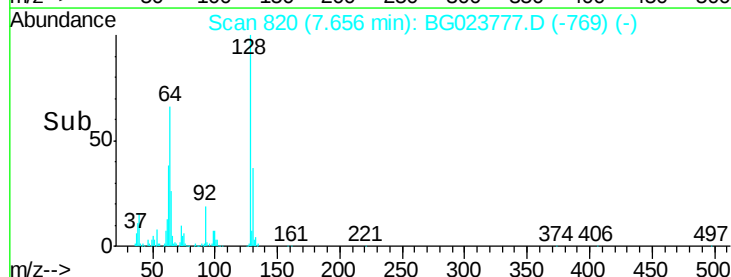
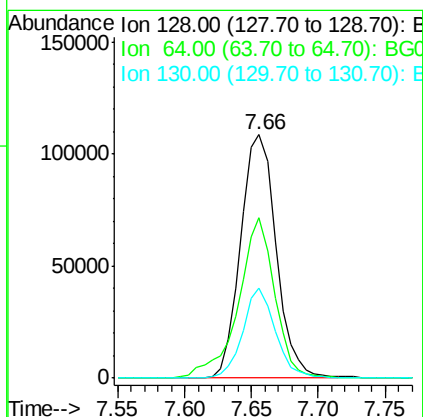
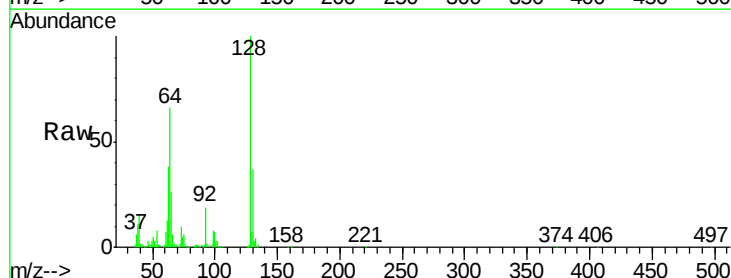
Tgt Ion: 128 Resp: 200147

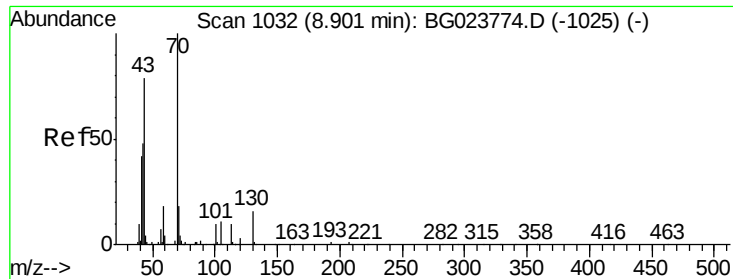
Ion Ratio Lower Upper

128 100

64 66.0 34.2 51.4#

130 37.2 27.0 40.4

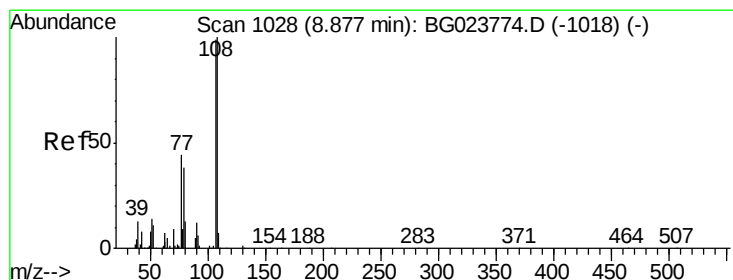
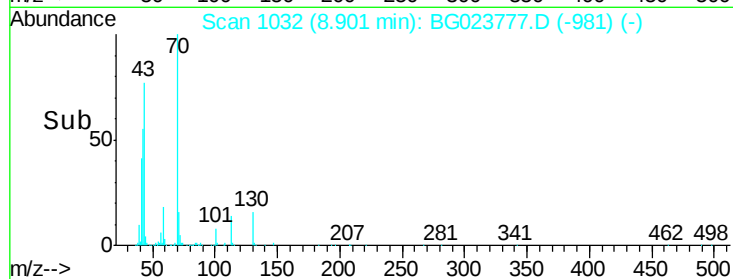
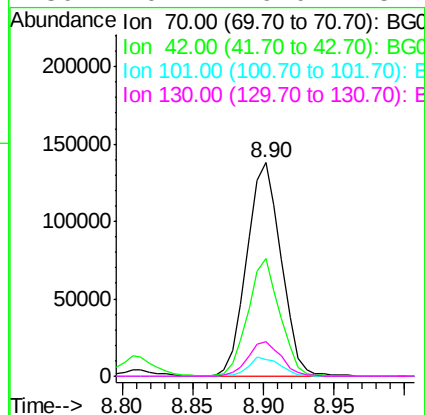
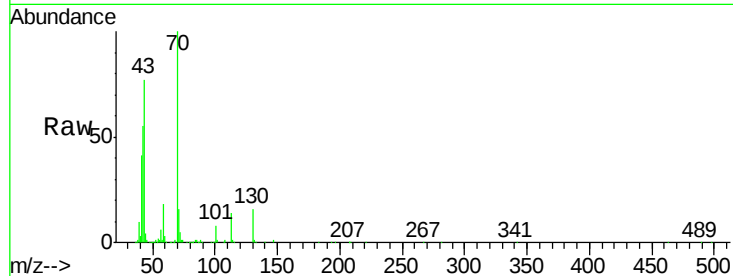




#15
N-Nitroso-di-n-propylamine
Concen: 33.32 ng/ul
RT: 8.90 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG023777.D
Acq: 19 Aug 2016 3:20

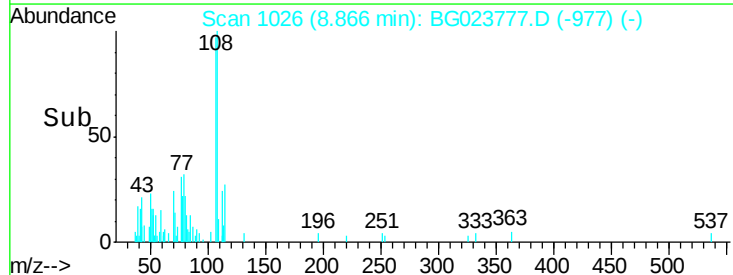
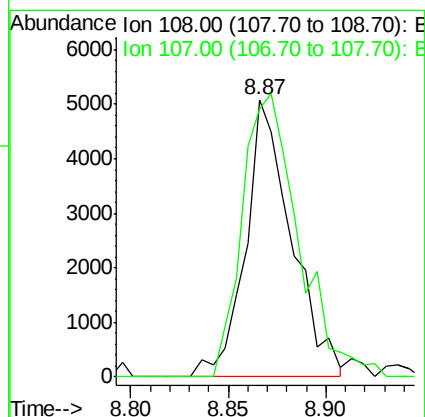
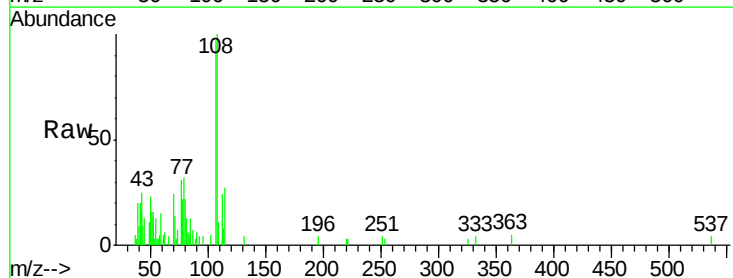
Instrument :
BNA_G
ClientSampleId :
JHPS2MSD

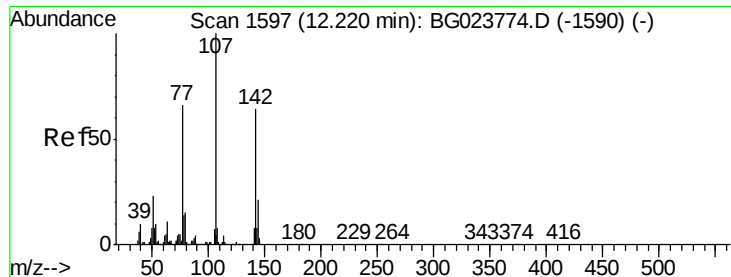
Tgt Ion: 70 Resp: 234845
Ion Ratio Lower Upper
70 100
42 54.9 31.4 47.2#
101 8.0 8.6 13.0#
130 16.1 19.0 28.4#



#16
4-Methylphenol
Concen: 1.09 ng/ul
RT: 8.87 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG023777.D
Acq: 19 Aug 2016 3:20

Tgt Ion: 108 Resp: 8289
Ion Ratio Lower Upper
108 100
107 96.8 88.3 132.5

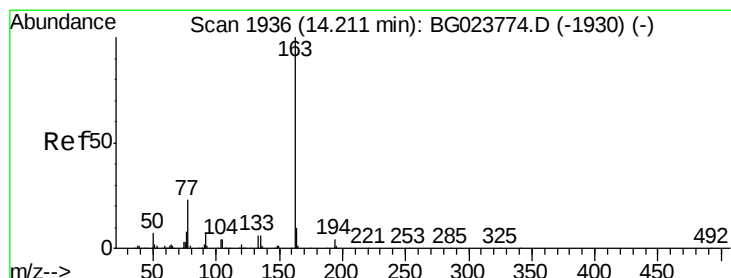
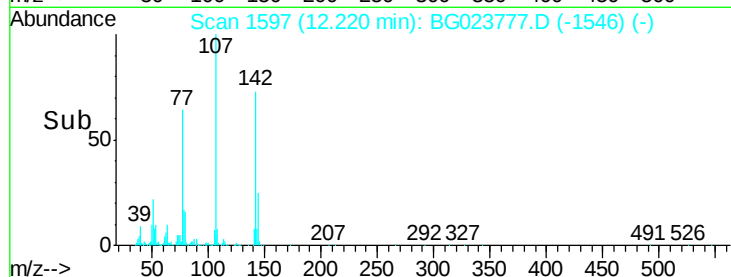
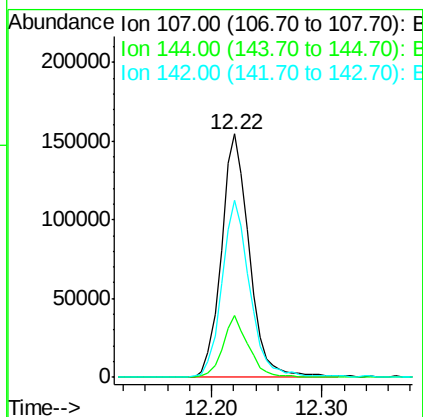
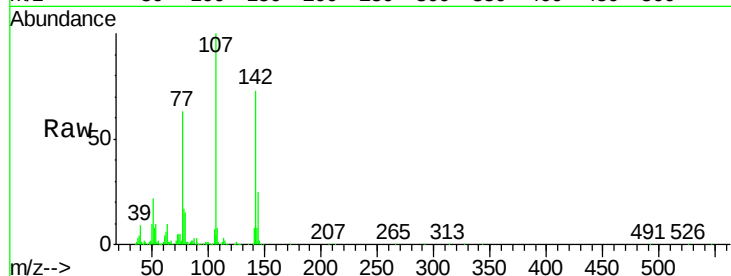




#33
4-Chloro-3-methylphenol
Concen: 31.60 ng/ul
RT: 12.22 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BG023777.D
Acq: 19 Aug 2016 3:20

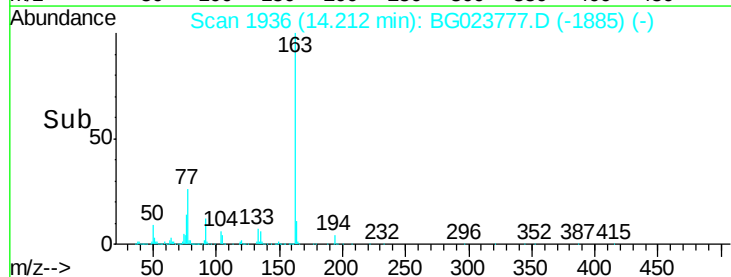
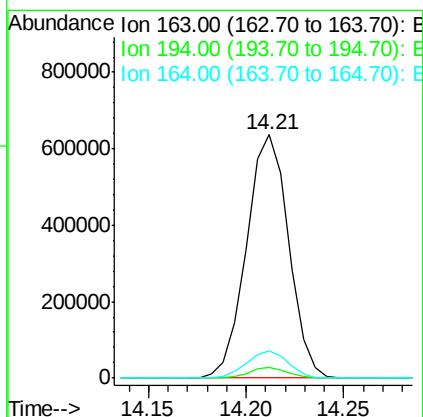
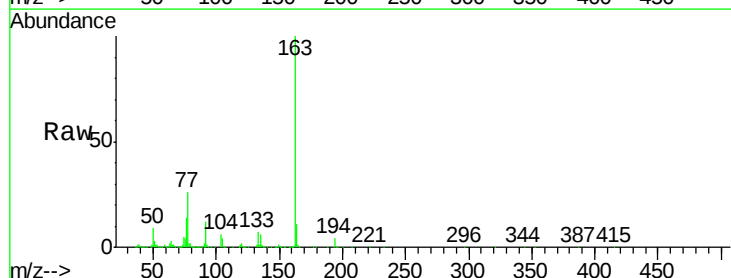
Instrument :
BNA_G
ClientSampleId :
JHPS2MSD

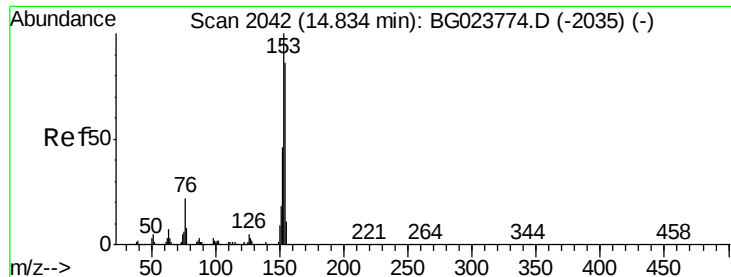
Tgt Ion:107 Resp: 272764
Ion Ratio Lower Upper
107 100
144 25.4 22.7 34.1
142 72.6 71.6 107.4



#44
Dimethylphthalate
Concen: 43.18 ng/ul
RT: 14.21 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG023777.D
Acq: 19 Aug 2016 3:20

Tgt Ion:163 Resp: 946924
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 11.3 8.8 13.2





#49

Acenaphthene

Concen: 33.38 ng/ul

RT: 14.83 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BG023777.D

Acq: 19 Aug 2016 3:20

Instrument :

BNA_G

ClientSampleId :

JHPS2MSD

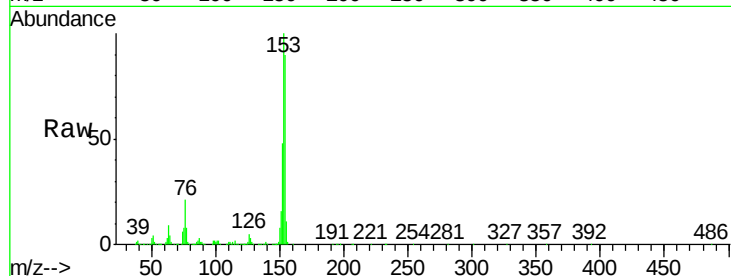
Tgt Ion:153 Resp: 578463

Ion Ratio Lower Upper

153 100

152 48.1 37.3 55.9

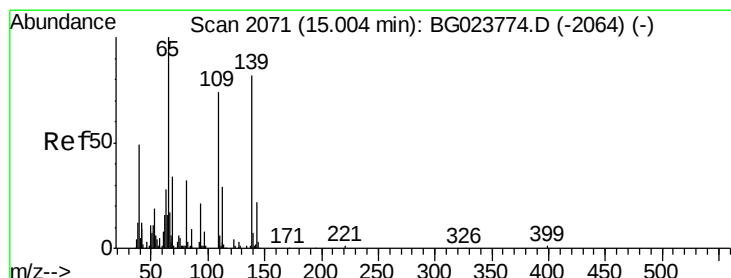
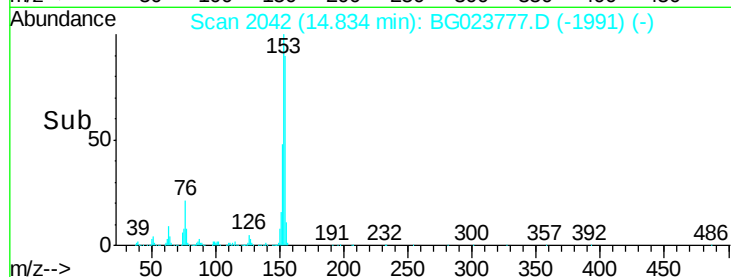
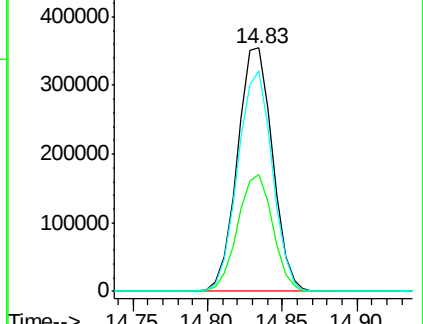
154 90.3 68.2 102.2



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: 30.22 ng/ul

RT: 15.00 min Scan# 2070

Delta R.T. -0.01 min

Lab File: BG023777.D

Acq: 19 Aug 2016 3:20

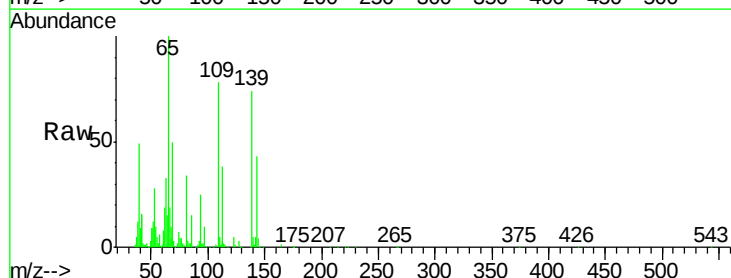
Tgt Ion:109 Resp: 107601

Ion Ratio Lower Upper

109 100

139 95.6 136.1 204.1#

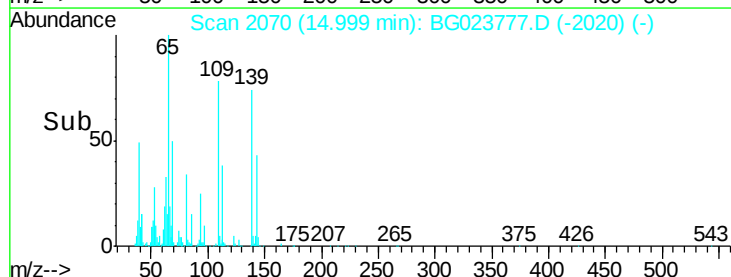
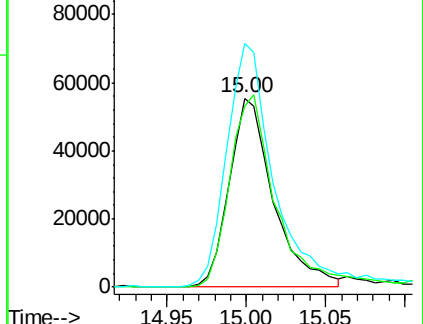
65 128.7 106.0 159.0

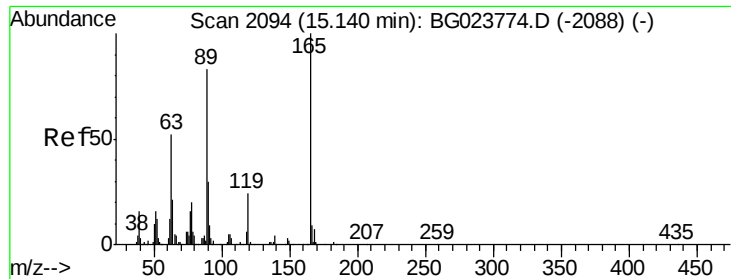


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC

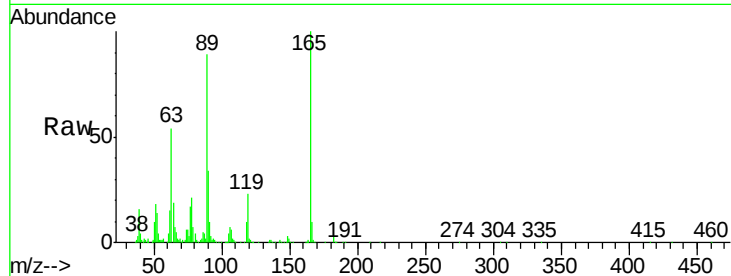




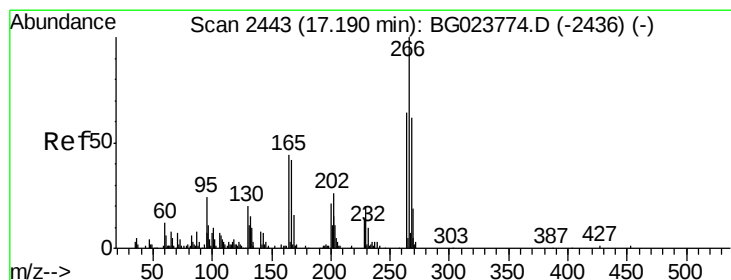
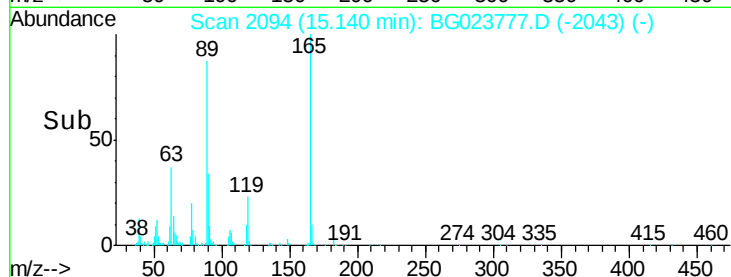
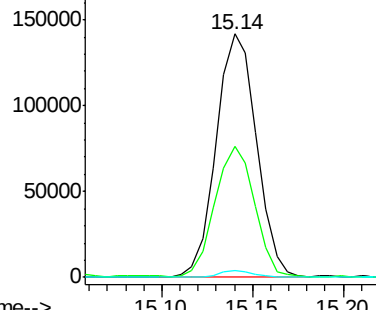
#54
 2,4-Dinitrotoluene
 Concen: 32.27 ng/ul
 RT: 15.14 min Scan# 2094
 Delta R.T. 0.00 min
 Lab File: BG023777.D
 Acq: 19 Aug 2016 3:20

Instrument :
 BNA_G
 ClientSampleId :
 JHPS2MSD

Tgt Ion:165 Resp: 220762
 Ion Ratio Lower Upper
 165 100
 63 53.9 25.7 38.5#
 182 2.7 2.1 3.1

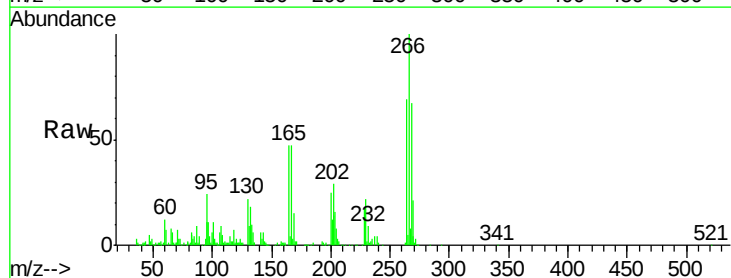


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 182.00 (181.70 to 182.70): E

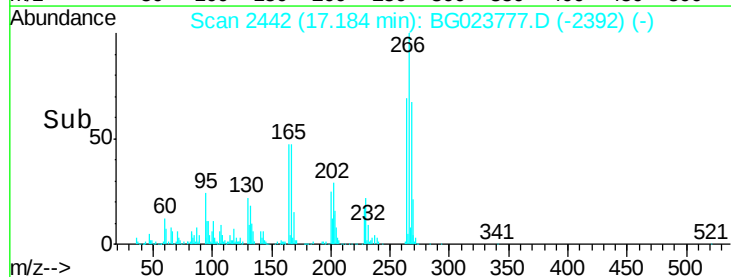
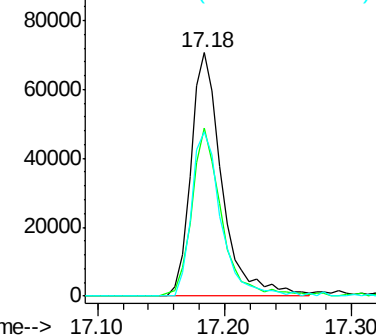


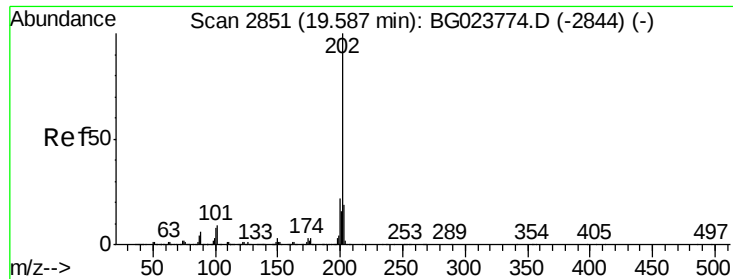
#68
 Pentachlorophenol
 Concen: 23.50 ng/ul
 RT: 17.18 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG023777.D
 Acq: 19 Aug 2016 3:20

Tgt Ion:266 Resp: 119919
 Ion Ratio Lower Upper
 266 100
 264 69.3 54.7 82.1
 268 67.4 57.8 86.8



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E





#74

Fluoranthene

Concen: 25.04 ng/ul

RT: 19.95 min Scan# 2913

Delta R.T. 0.36 min

Lab File: BG023777.D

Acq: 19 Aug 2016 3:20

Instrument :

BNA_G

ClientSampleId :

JHPS2MSD

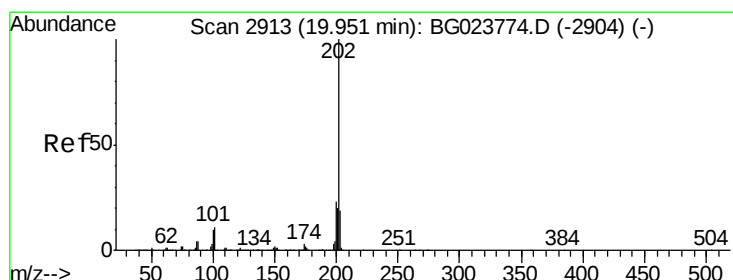
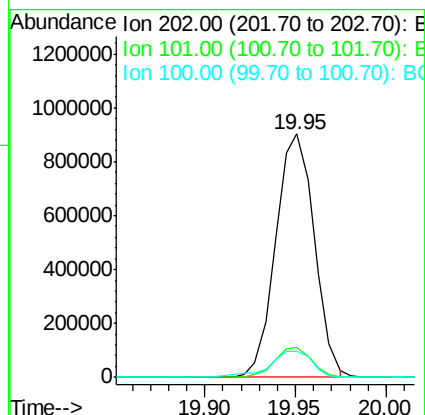
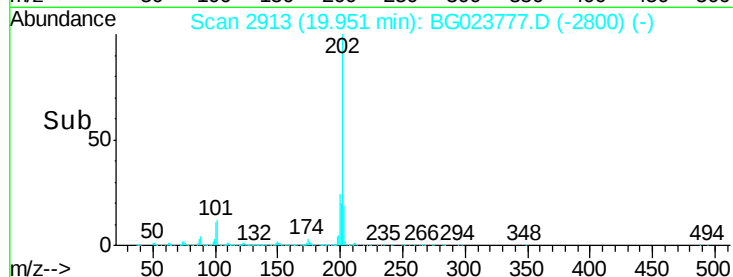
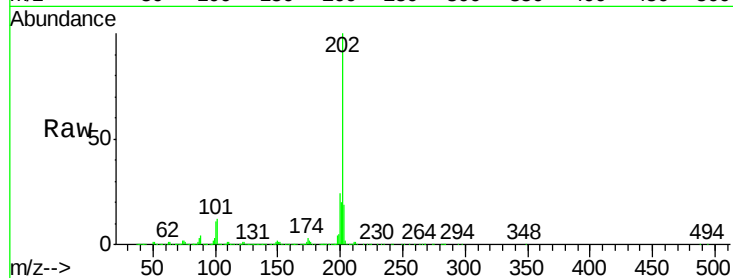
Tgt Ion:202 Resp: 1339746

Ion Ratio Lower Upper

202 100

101 12.5 10.6 16.0

100 10.6 8.7 13.1



#77

Pyrene

Concen: 30549.73 ng/ul

RT: 19.95 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG023777.D

Acq: 19 Aug 2016 3:20

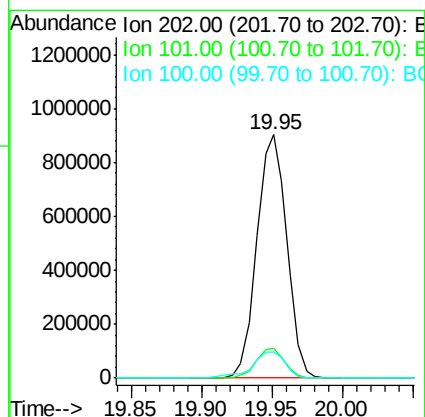
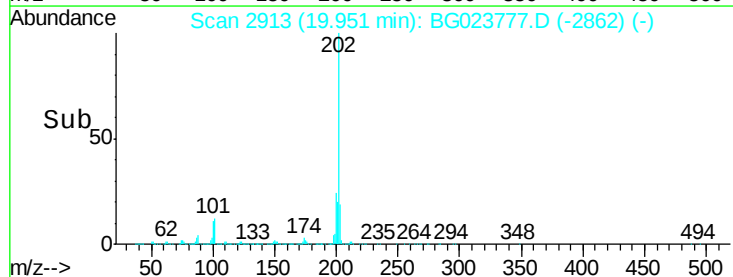
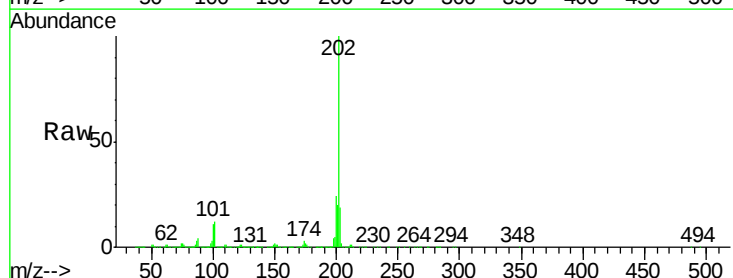
Tgt Ion:202 Resp: 1343307

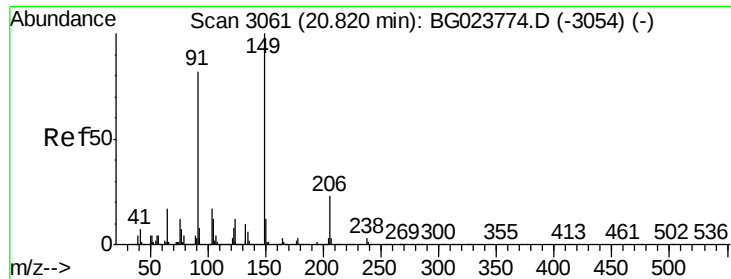
Ion Ratio Lower Upper

202 100

101 12.5 12.5 18.7

100 10.6 10.2 15.4





#78

Butylbenzylphthalate

Concen: 7.49 ng/ul

RT: 20.93 min Scan# 3080

Delta R.T. 0.11 min

Lab File: BG023777.D

Acq: 19 Aug 2016 3:20

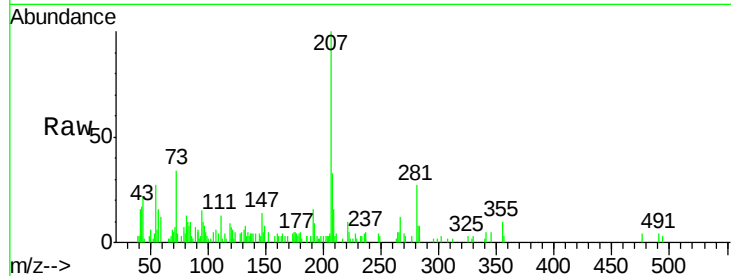
Instrument :

BNA_G

ClientSampleId :

JHPS2MSD

Tgt Ion:	149	Resp:	149
Ion	Ratio	Lower	Upper
149	100		
91	62.0	54.2	81.4
206	33.7	14.1	21.1#

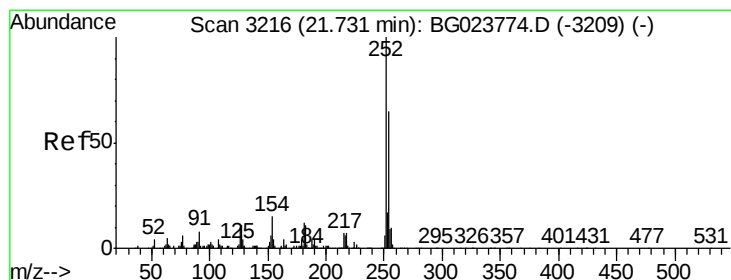
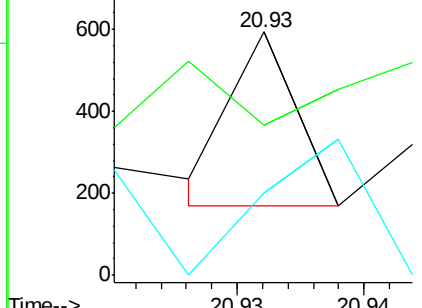
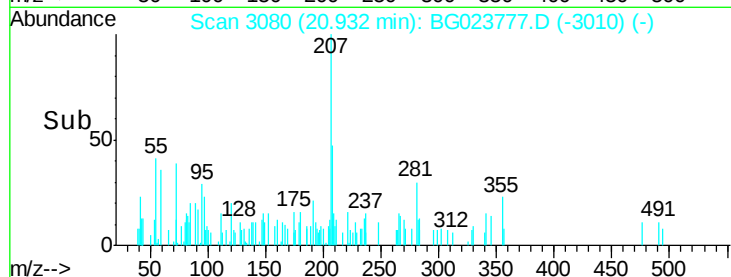


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E

Time-->



#79

3,3'-Dichlorobenzidine

Concen: 23.81 ng/ul

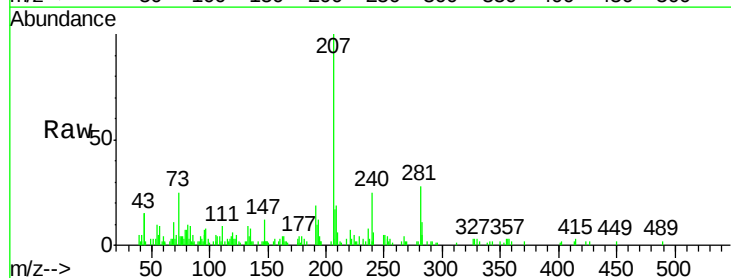
RT: 21.81 min Scan# 3229

Delta R.T. 0.08 min

Lab File: BG023777.D

Acq: 19 Aug 2016 3:20

Tgt Ion:	252	Resp:	352
Ion	Ratio	Lower	Upper
252	100		
254	45.0	51.4	77.2#
126	34.0	10.7	16.1#

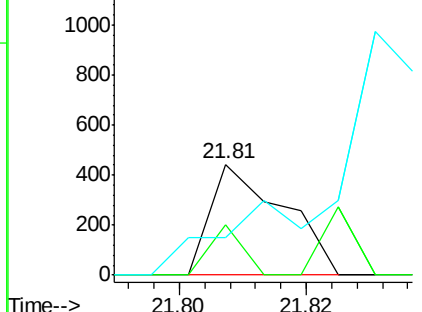
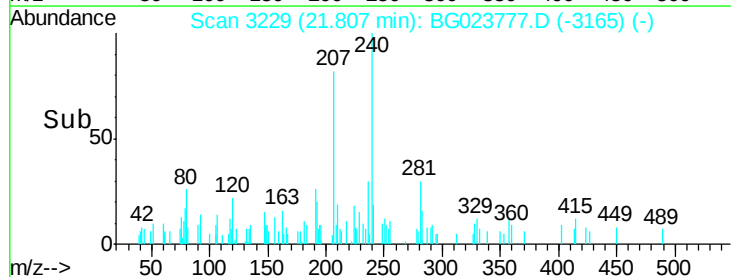


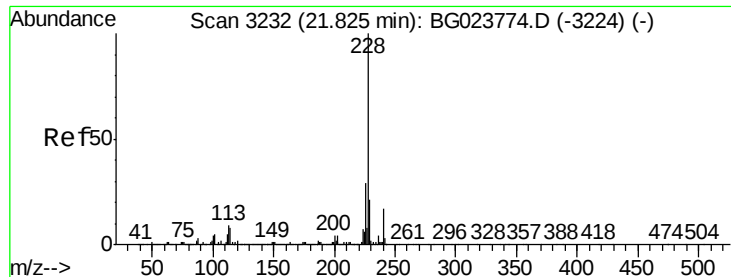
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

Time-->





#80

Benzo(a)anthracene

Concen: 36.62 ng/ul

RT: 21.90 min Scan# 3244

Delta R.T. 0.07 min

Lab File: BG023777.D

Acq: 19 Aug 2016 3:20

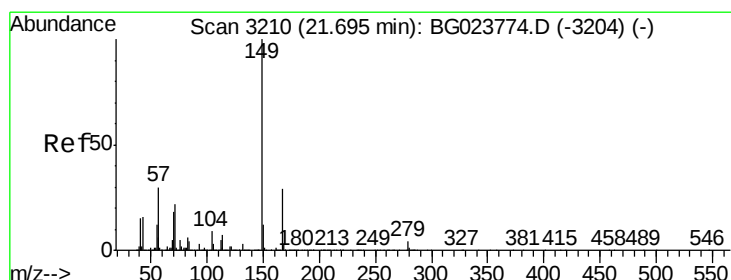
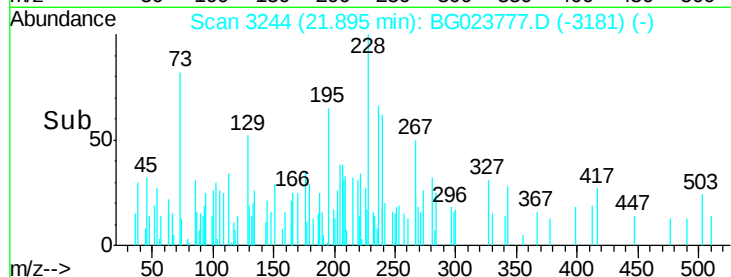
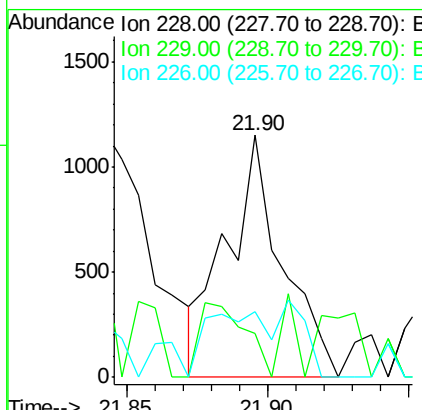
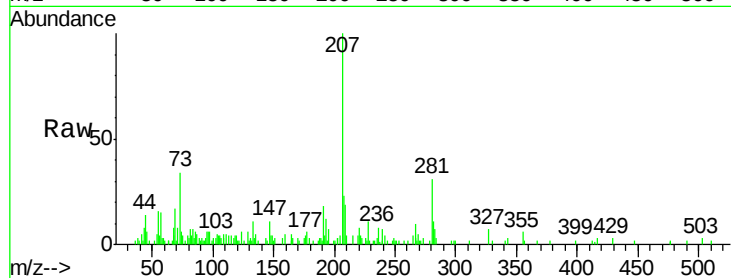
Instrument :

BNA_G

ClientSampleId :

JHPS2MSD

Tgt Ion:	228	Resp:	1575
Ion	Ratio	Lower	Upper
228	100		
229	18.1	15.4	23.2
226	27.0	22.8	34.2



#81

Bis(2-ethylhexyl)phthalate

Concen: 294.27 ng/ul

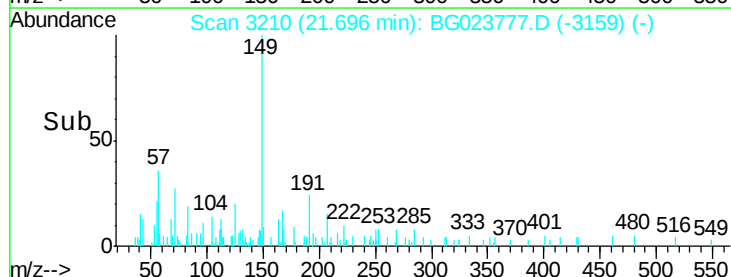
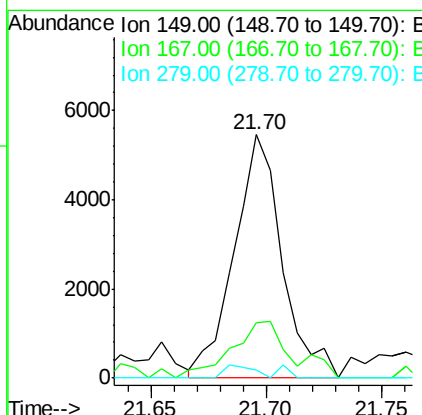
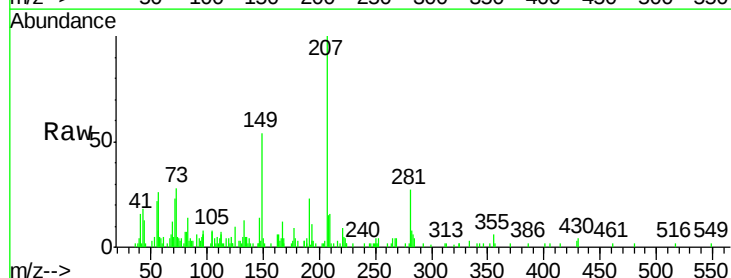
RT: 21.70 min Scan# 3210

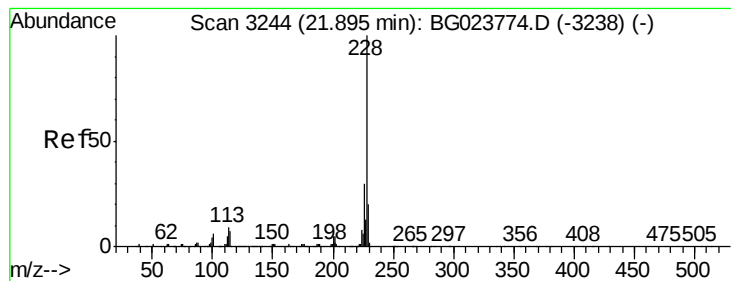
Delta R.T. 0.00 min

Lab File: BG023777.D

Acq: 19 Aug 2016 3:20

Tgt Ion:	149	Resp:	7873
Ion	Ratio	Lower	Upper
149	100		
167	22.7	21.9	32.9
279	3.1	2.9	4.3





#82

Chrysene

Concen: 40.69 ng/ul

RT: 21.90 min Scan# 3244

Delta R.T. 0.00 min

Lab File: BG023777.D

Acq: 19 Aug 2016 3:20

Instrument :

BNA_G

ClientSampleId :

JHPS2MSD

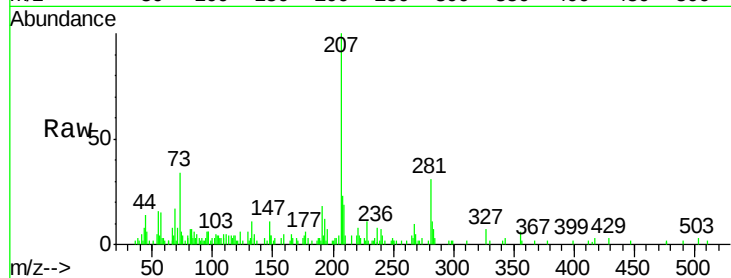
Tgt Ion: 228 Resp: 1575

Ion Ratio Lower Upper

228 100

226 27.0 24.2 36.4

229 18.1 15.0 22.6



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

