

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111015\
 Data File : BG019559.D
 Acq On : 11 Nov 2015 00:03
 Operator : UM/NP
 Sample : G4308-15MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9KR2MS

Quant Time: Nov 13 08:38:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 13 08:28:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	44135	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	189233	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	151765	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	427073	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	531746	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	499243	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	1145	1.24	ng/uL	-0.01
5) Phenol-d5	7.32	99	26950	6.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	82472	32.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	58885	23.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	51690	16.02	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	41364	29.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	46655	28.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	93641	26.14	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	2239	0.62	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	396912	31.72	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	405615	29.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	12471	6.27	ng/ul	0.00
58) Fluorene-d10	15.79	176	339447	29.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	73636	26.64	ng/ul	0.00
71) Anthracene-d10	17.64	188	567296	29.14	ng/ul	0.00
79) Pyrene-d10	19.92	212	674502	28.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	747744	29.85	ng/ul	0.00

Target Compounds

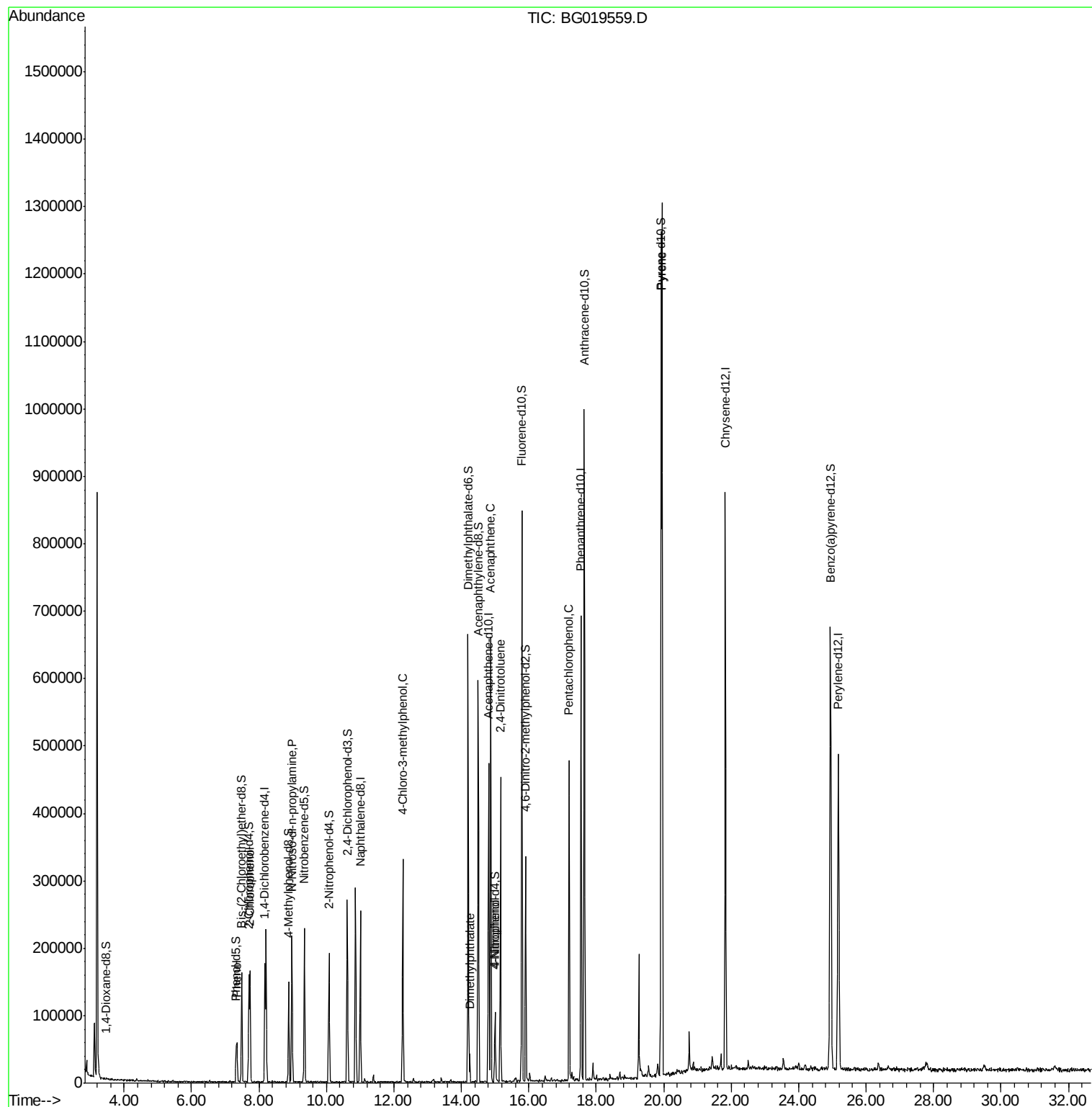
						Ovalue
6) Phenol	7.34	94	30400	7.04	ng/ul	96
10) 2-Chlorophenol	7.73	128	60814	23.36	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.98	70	106359	29.95	ng/ul#	88
33) 4-Chloro-3-methylphenol	12.26	107	117937	25.67	ng/ul#	97
45) Dimethylphthalate	14.25	163	23827	1.86	ng/ul#	95
50) Acenaphthene	14.87	153	265870	27.73	ng/ul	94
53) 4-Nitrophenol	15.00	109	16758	5.41	ng/ul#	71
55) 2,4-Dinitrotoluene	15.16	165	113053	27.64	ng/ul#	81
69) Pentachlorophenol	17.19	266	81500	25.64	ng/ul	97
80) Pyrene	19.95	202	802010	26.88	ng/ul#	92

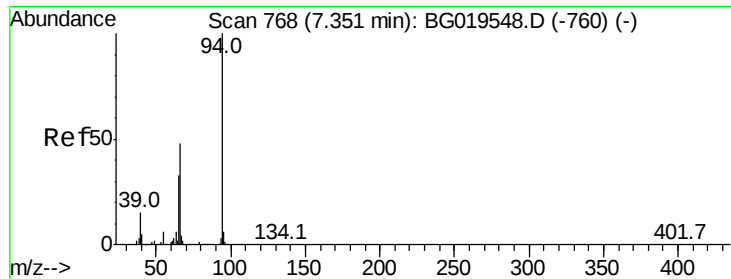
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 7.04 ng/ul

RT: 7.34 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG019559.D

Acq: 11 Nov 2015 00:03

Instrument :

BNA_G

ClientSampleId :

D9KR2MS

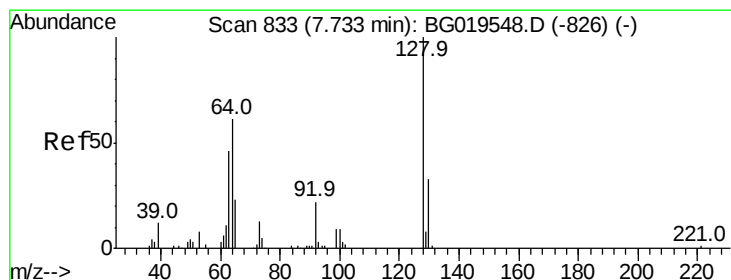
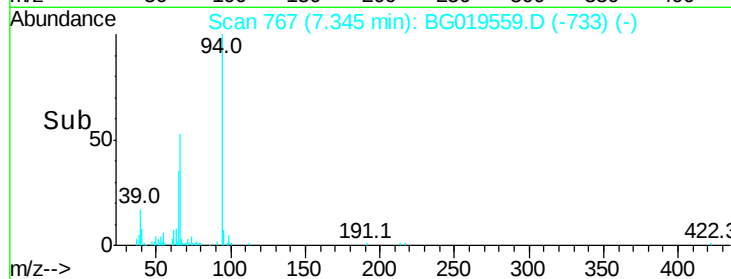
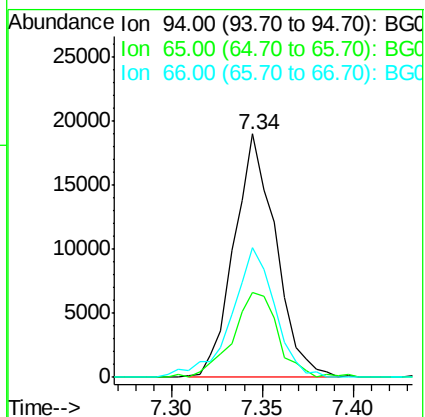
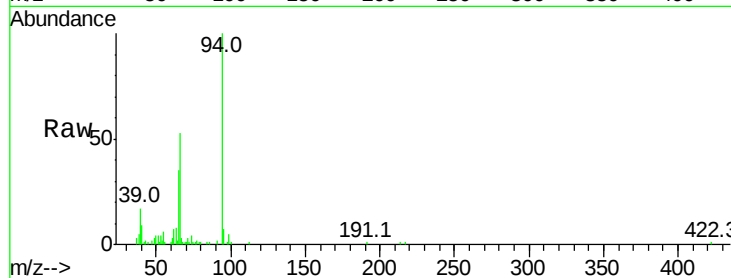
Tot Ion: 94 Resp: 30400

Ion Ratio Lower Upper

94 100

65 35.1 29.3 43.9

66 53.2 45.0 67.6



#10

2-Chlorophenol

Concen: 23.36 ng/ul

RT: 7.73 min Scan# 833

Delta R.T. -0.00 min

Lab File: BG019559.D

Acq: 11 Nov 2015 00:03

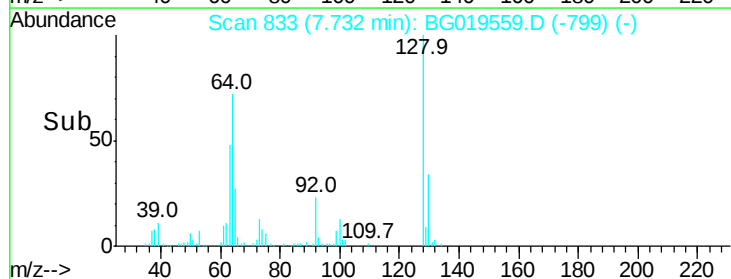
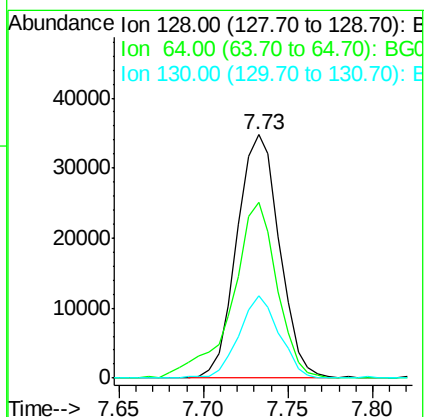
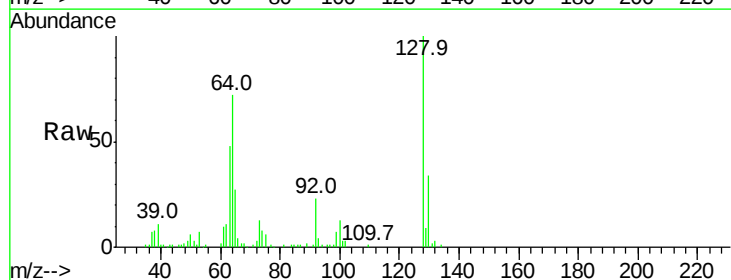
Tgt Ion:128 Resp: 60814

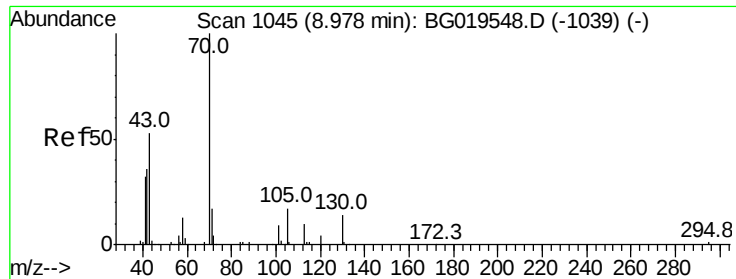
Ion Ratio Lower Upper

128 100

64 72.1 53.2 79.8

130 33.9 25.9 38.9

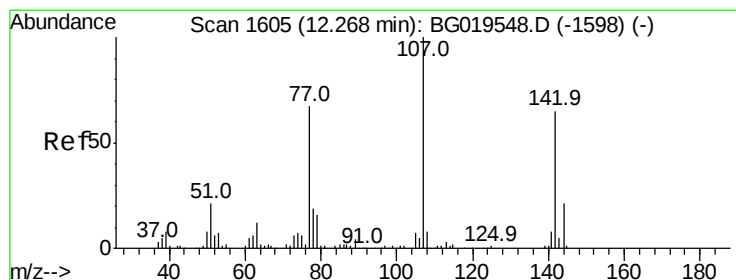
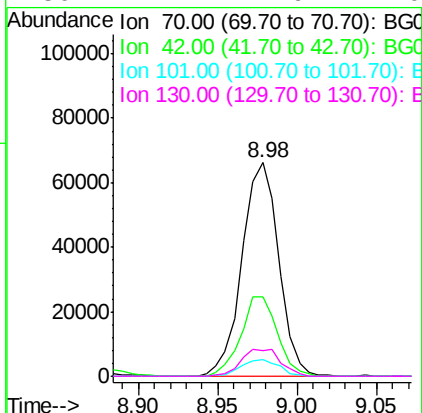
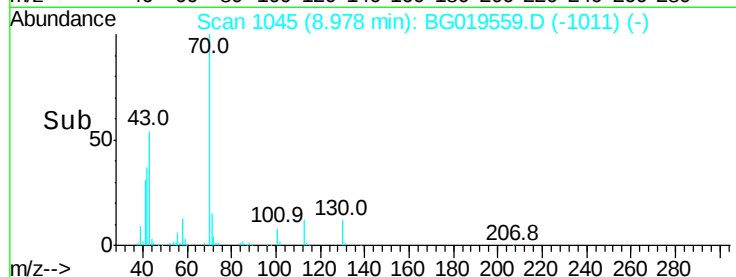
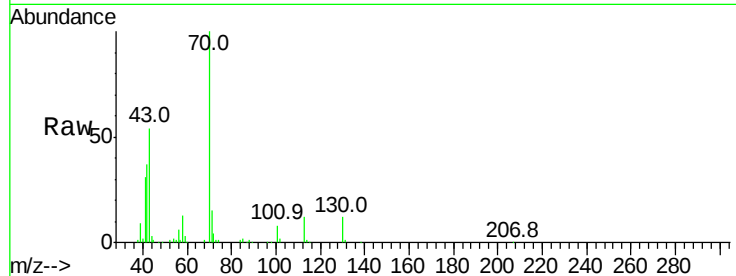




#15
N-Nitroso-di-n-propylamine
Concen: 29.95 ng/ul
RT: 8.98 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG019559.D
Acq: 11 Nov 2015 00:03

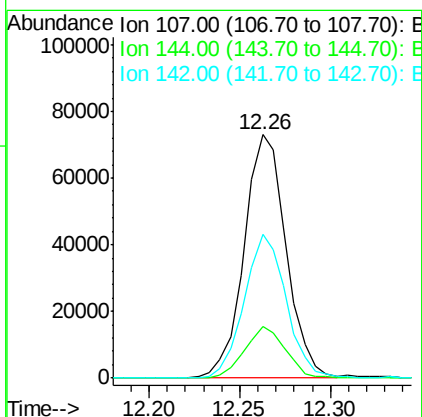
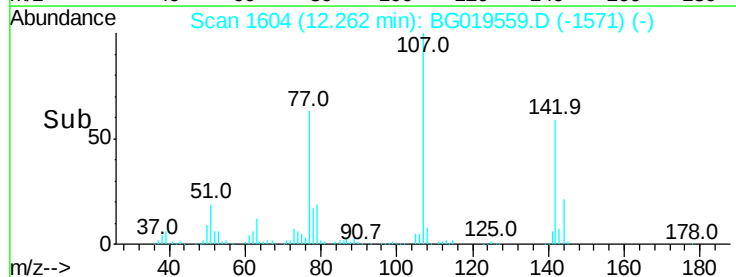
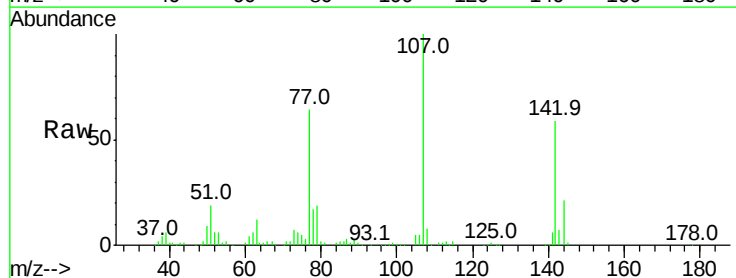
Instrument :
BNA_G
ClientSampleId :
D9KR2MS

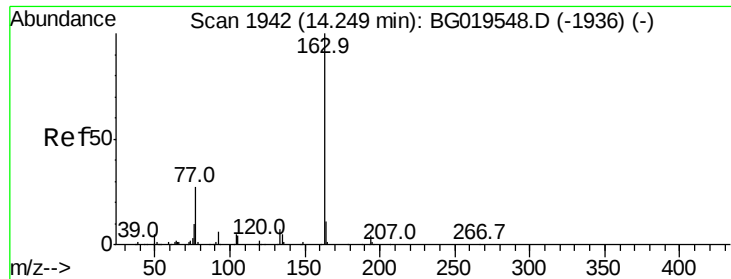
Tot Ion: 70 Resp: 106359
Ion Ratio Lower Upper
70 100
42 36.9 36.6 55.0
101 7.8 5.8 8.8
130 12.2 14.6 22.0#



#33
4-Chloro-3-methylphenol
Concen: 25.67 ng/ul
RT: 12.26 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BG019559.D
Acq: 11 Nov 2015 00:03

Tgt Ion:107 Resp: 117937
Ion Ratio Lower Upper
107 100
144 21.3 13.0 19.6#
142 58.8 47.0 70.6

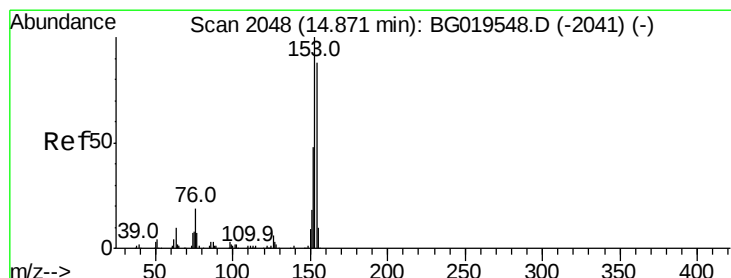
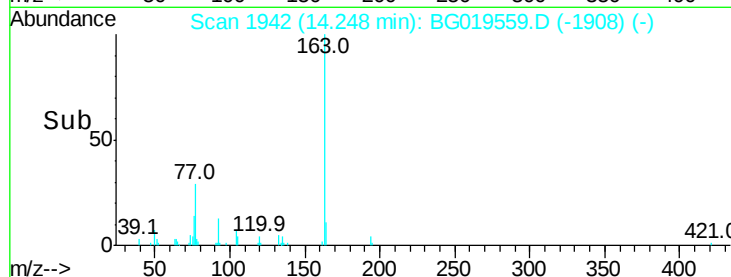
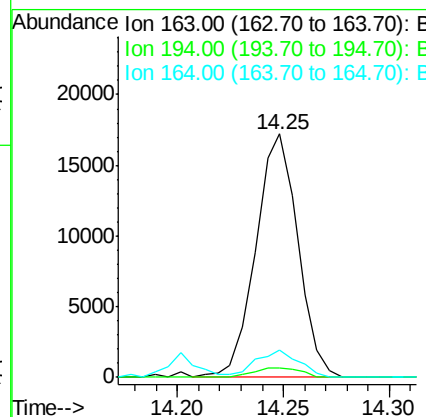
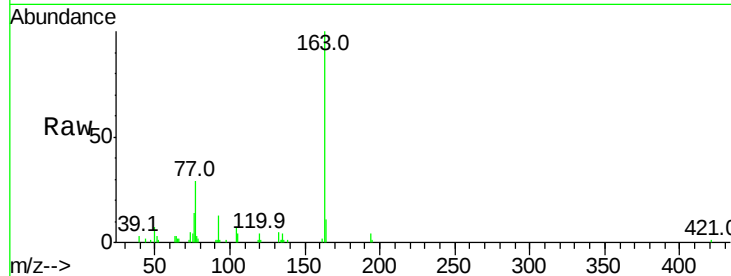




#45
Dimethylphthalate
Concen: 1.86 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG019559.D
Acq: 11 Nov 2015 00:03

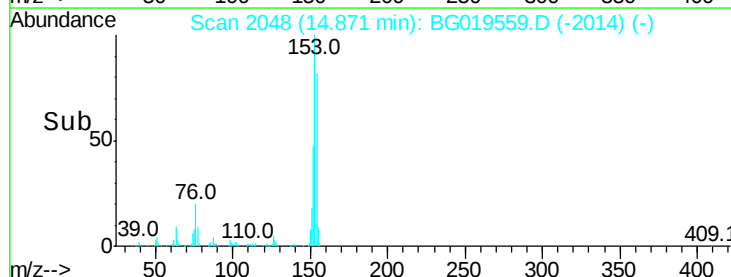
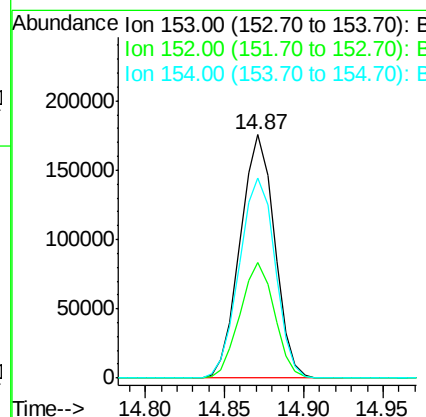
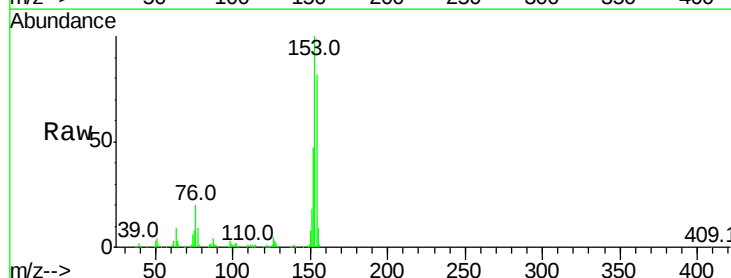
Instrument :
BNA_G
ClientSampleId :
D9KR2MS

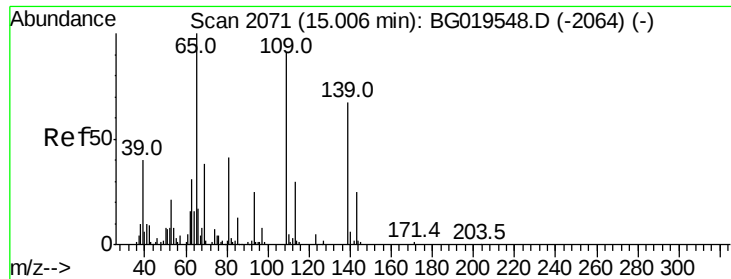
Tot Ion:163 Resp: 23827
Ion Ratio Lower Upper
163 100
194 3.6 4.3 6.5#
164 11.3 7.5 11.3#



#50
Acenaphthene
Concen: 27.73 ng/ul
RT: 14.87 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG019559.D
Acq: 11 Nov 2015 00:03

Tgt Ion:153 Resp: 265870
Ion Ratio Lower Upper
153 100
152 47.4 38.8 58.2
154 82.0 71.5 107.3

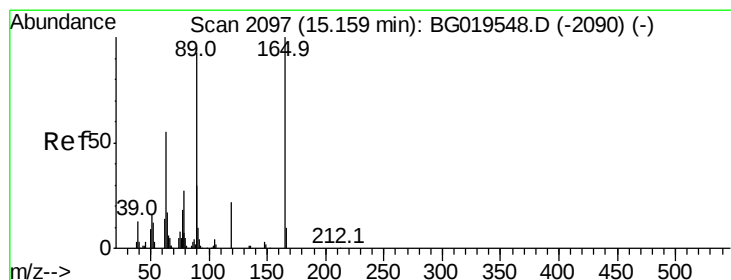
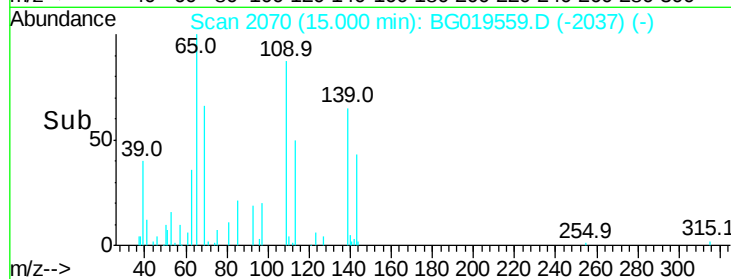
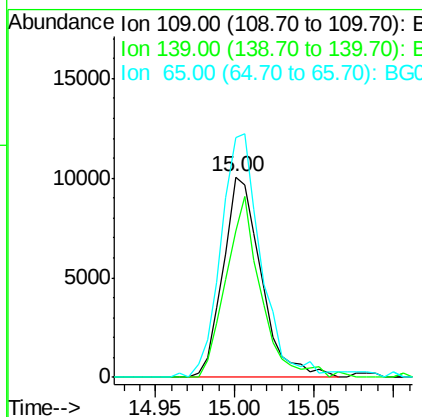
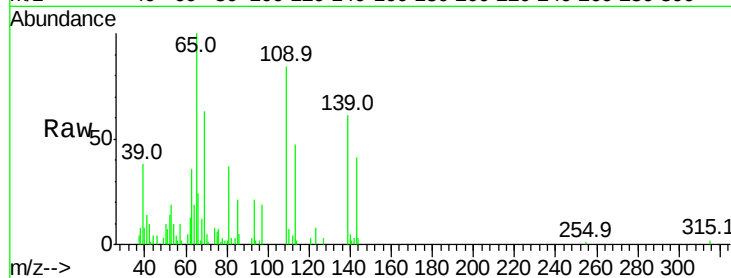




#53
4-Nitrophenol
Concen: 5.41 ng/ul
RT: 15.00 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG019559.D
Acq: 11 Nov 2015 00:03

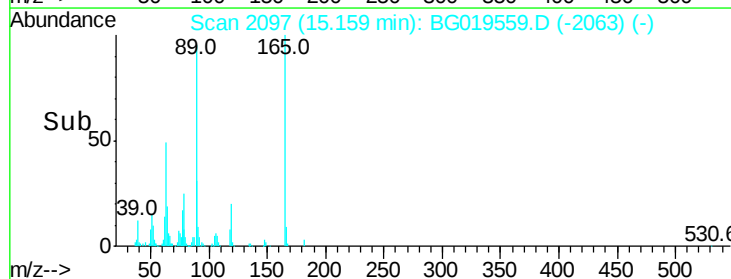
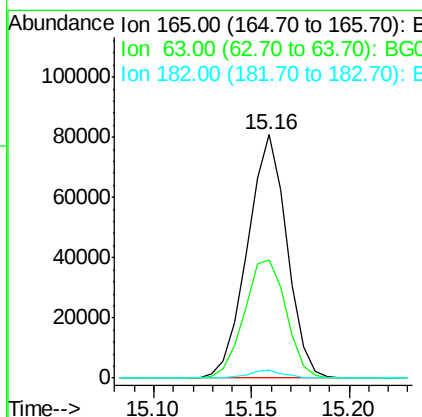
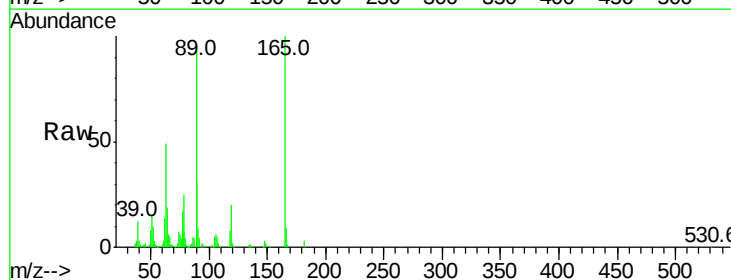
Instrument :
BNA_G
ClientSampleId :
D9KR2MS

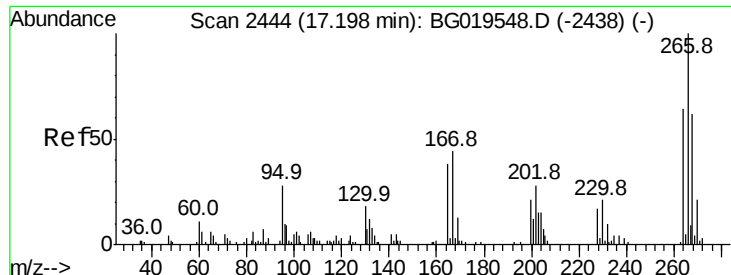
Tot Ion:109 Resp: 16758
Ion Ratio Lower Upper
109 100
139 73.0 41.5 62.3#
65 119.5 73.7 110.5#



#55
2,4-Dinitrotoluene
Concen: 27.64 ng/ul
RT: 15.16 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BG019559.D
Acq: 11 Nov 2015 00:03

Tgt Ion:165 Resp: 113053
Ion Ratio Lower Upper
165 100
63 48.5 51.1 76.7#
182 3.2 3.3 4.9#





#69

Pentachlorophenol

Concen: 25.64 ng/ul

RT: 17.19 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG019559.D

Acq: 11 Nov 2015 00:03

Instrument :

BNA_G

ClientSampleId :

D9KR2MS

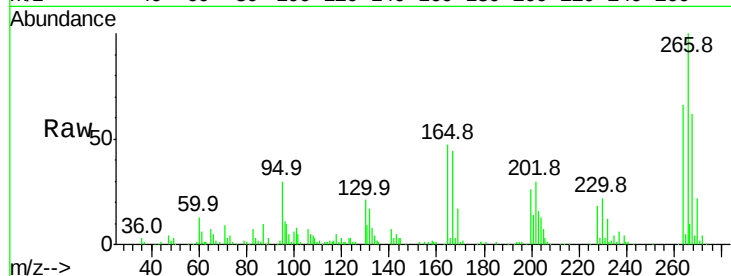
Tot Ion:266 Resp: 81500

Ion Ratio Lower Upper

266 100

264 65.9 49.5 74.3

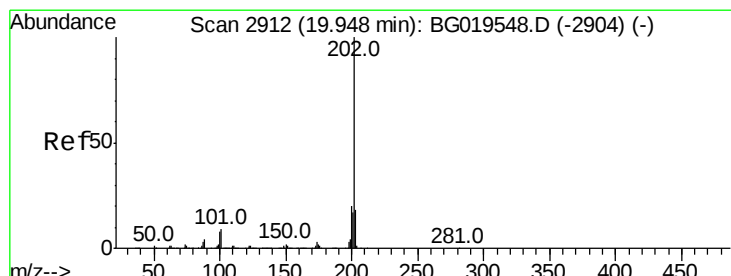
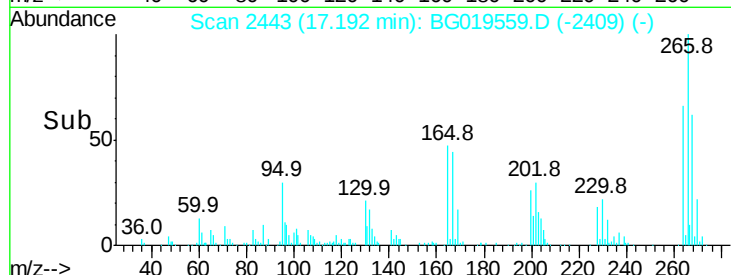
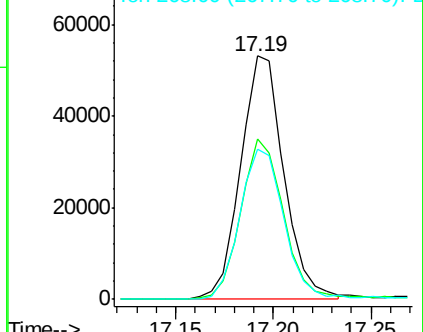
268 61.6 48.7 73.1



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



#80

Pyrene

Concen: 26.88 ng/ul

RT: 19.95 min Scan# 2913

Delta R.T. 0.01 min

Lab File: BG019559.D

Acq: 11 Nov 2015 00:03

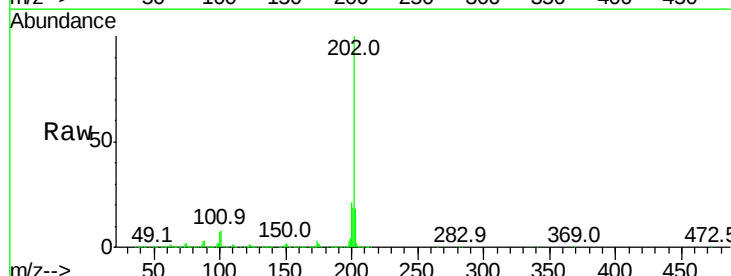
Tgt Ion:202 Resp: 802010

Ion Ratio Lower Upper

202 100

101 8.3 4.3 6.5#

100 7.0 3.6 5.4#



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

