

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110615\
 Data File : BG019507.D
 Acq On : 6 Nov 2015 11:47
 Operator : UM/NP
 Sample : G4297-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 H2TR1MS

Quant Time: Nov 06 22:28:26 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 06 22:26:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	36690	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	148296	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	121802	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	343875	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	458135	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	433371	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	2403	3.14	ng/uL	0.00
5) Phenol-d5	7.32	99	60653	18.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	40458	18.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	36041	17.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	47251	17.61	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	19433	17.83	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	23481	18.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	48348	17.23	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	51966	18.30	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	176419	17.57	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	200808	18.06	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	29722	18.63	ng/ul	0.00
58) Fluorene-d10	15.79	176	167290	18.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	31745	14.26	ng/ul	0.00
71) Anthracene-d10	17.65	188	279481	17.83	ng/ul	0.00
79) Pyrene-d10	19.93	212	351781	17.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	385258	17.71	ng/ul	0.00

Target Compounds

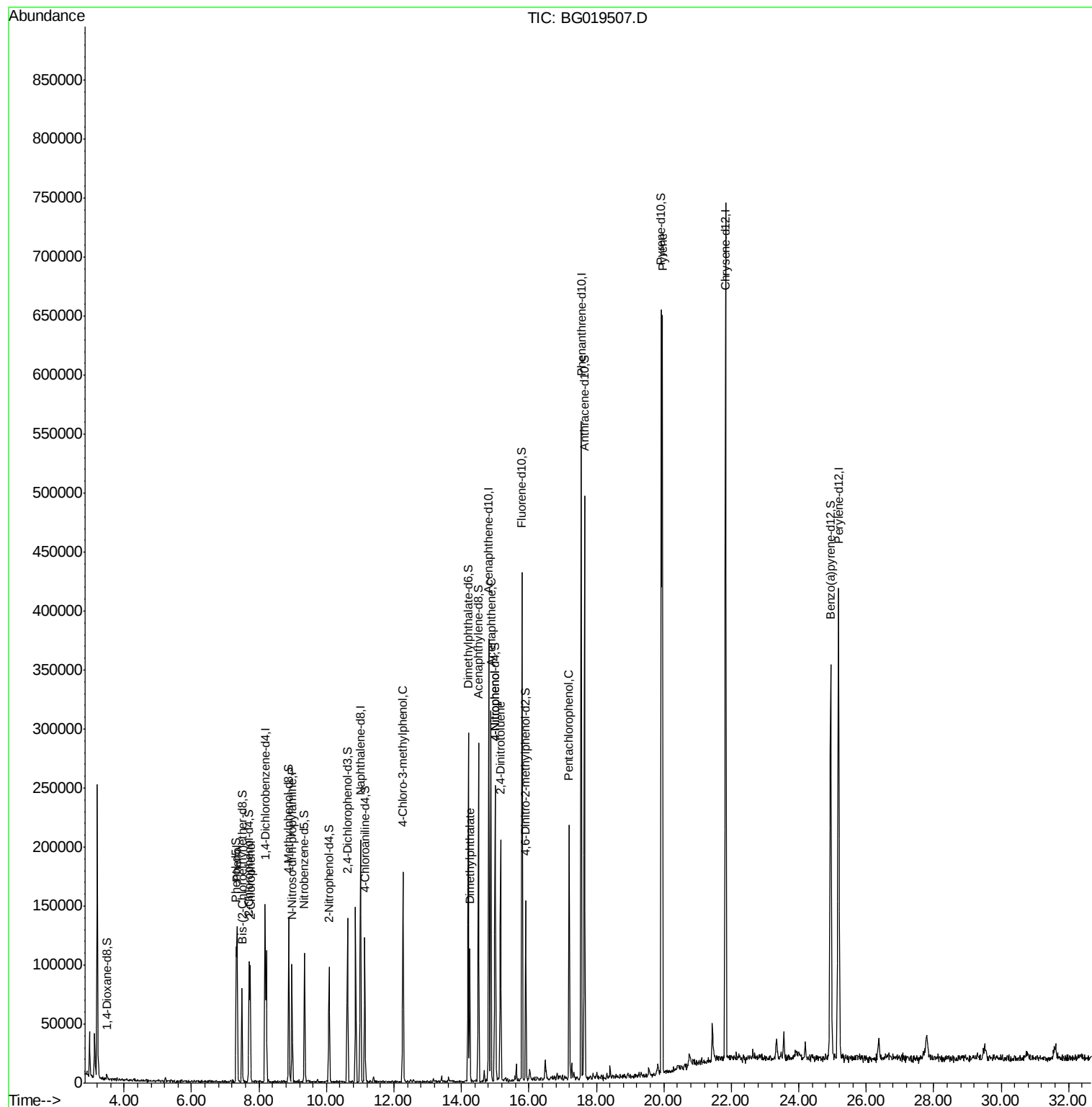
						Qvalue
6) Phenol	7.35	94	63405	17.67	ng/ul	95
10) 2-Chlorophenol	7.74	128	34763	16.06	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.98	70	47124	15.96	ng/ul#	89
33) 4-Chloro-3-methylphenol	12.27	107	63088	17.52	ng/ul#	97
45) Dimethylphthalate	14.25	163	65490	6.38	ng/ul#	95
50) Acenaphthene	14.87	153	122801	15.96	ng/ul	94
53) 4-Nitrophenol	15.01	109	39358	15.82	ng/ul#	72
55) 2,4-Dinitrotoluene	15.16	165	51900	15.81	ng/ul#	92
69) Pentachlorophenol	17.19	266	37924	14.81	ng/ul	95
80) Pyrene	19.95	202	406220	15.80	ng/ul#	94

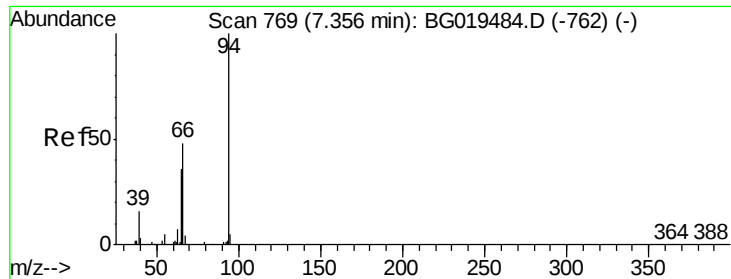
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 17.67 ng/ul

RT: 7.35 min Scan# 768

Delta R.T. -0.00 min

Lab File: BG019507.D

Acq: 6 Nov 2015 11:47

Instrument :

BNA_G

ClientSampleId :

H2TR1MS

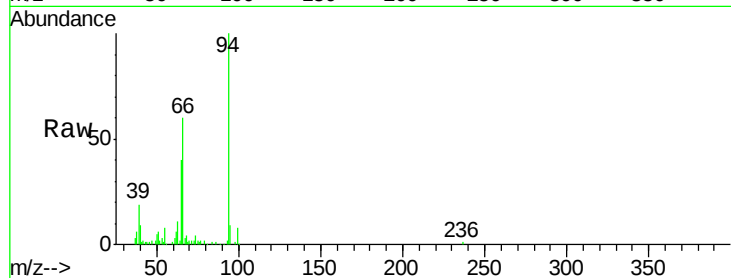
Tgt Ion: 94 Resp: 63405

Ion Ratio Lower Upper

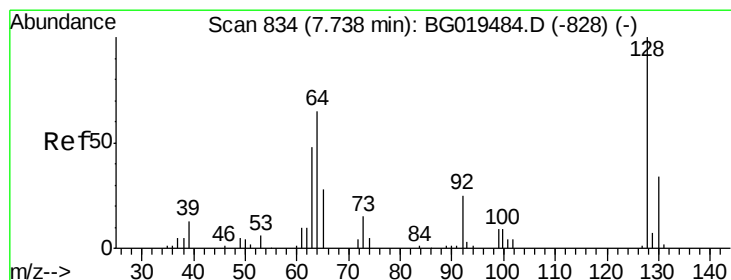
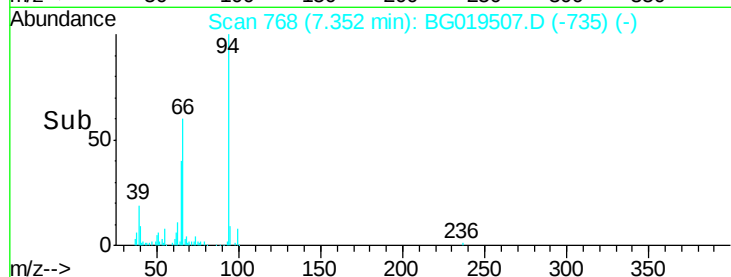
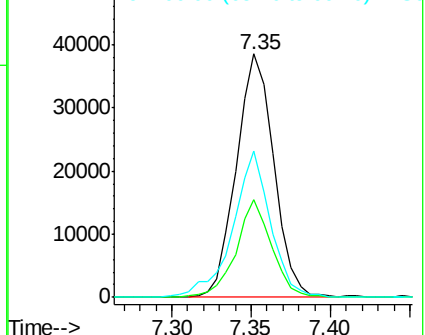
94 100

65 40.2 29.3 43.9

66 60.0 45.0 67.6



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: 16.06 ng/ul

RT: 7.74 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG019507.D

Acq: 6 Nov 2015 11:47

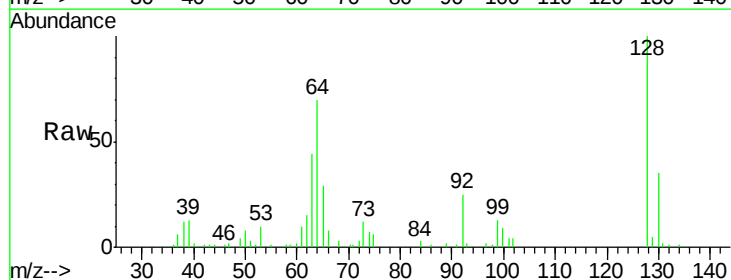
Tgt Ion:128 Resp: 34763

Ion Ratio Lower Upper

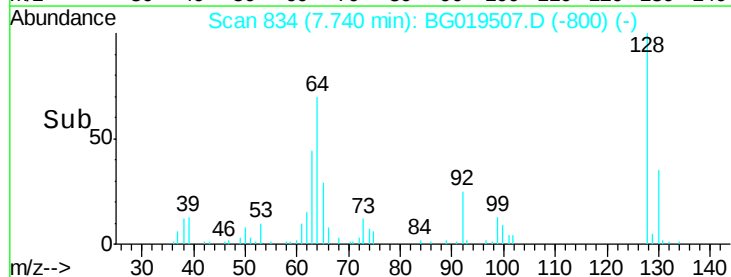
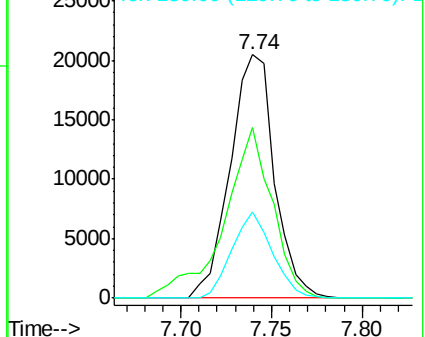
128 100

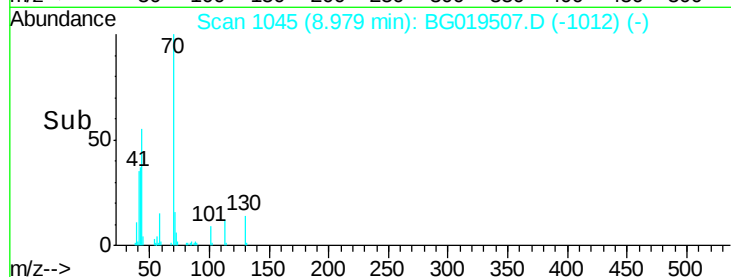
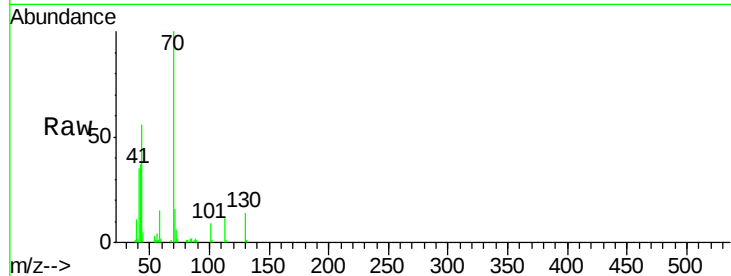
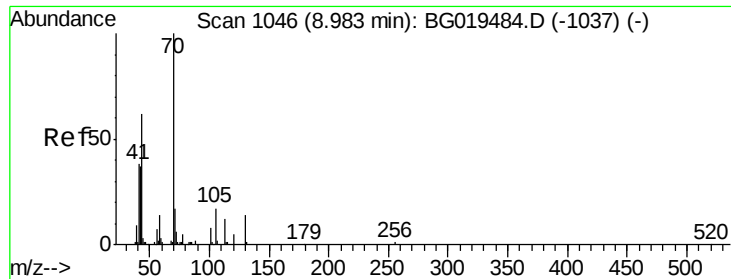
64 70.1 53.2 79.8

130 35.2 25.9 38.9



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

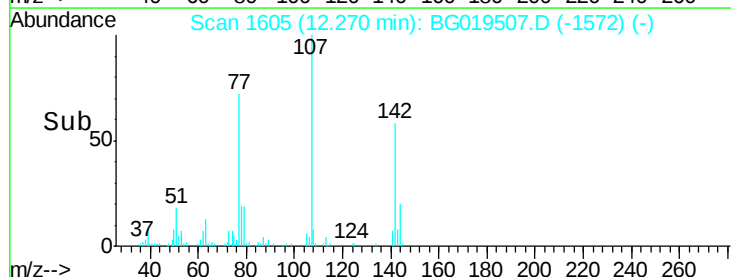
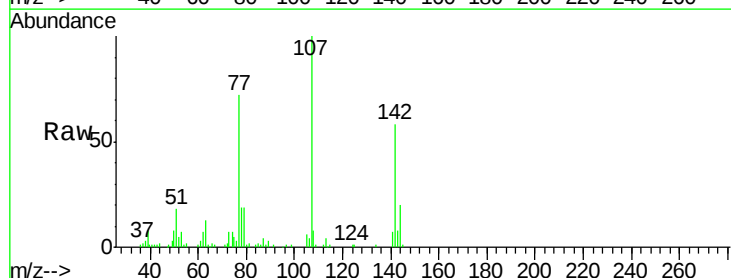
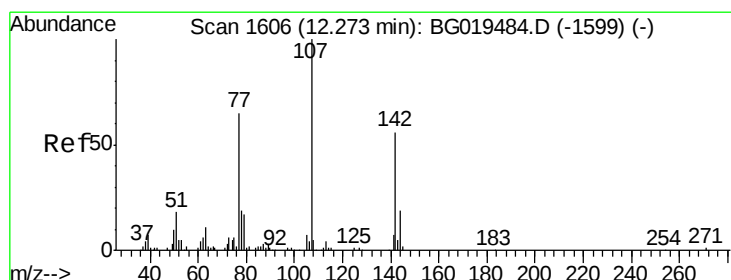
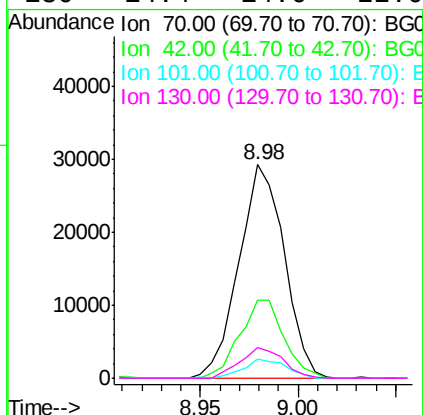




#15
N-Nitroso-di-n-propylamine
Concen: 15.96 ng/ul
RT: 8.98 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG019507.D
Acq: 6 Nov 2015 11:47

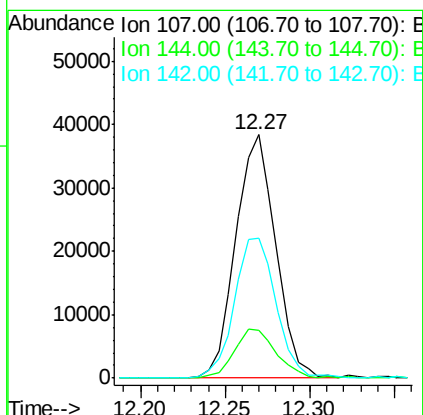
Instrument :
BNA_G
ClientSampleId :
H2TR1MS

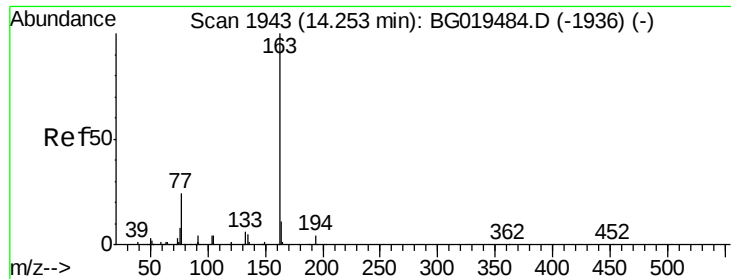
Tgt Ion: 70 Resp: 47124
Ion Ratio Lower Upper
70 100
42 36.8 36.6 55.0
101 8.8 5.8 8.8#
130 14.4 14.6 22.0#



#33
4-Chloro-3-methylphenol
Concen: 17.52 ng/ul
RT: 12.27 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BG019507.D
Acq: 6 Nov 2015 11:47

Tgt Ion: 107 Resp: 63088
Ion Ratio Lower Upper
107 100
144 19.7 13.0 19.6#
142 57.7 47.0 70.6





#45

Dimethylphthalate

Concen: 6.38 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG019507.D

Acq: 6 Nov 2015 11:47

Instrument :

BNA_G

ClientSampleId :

H2TR1MS

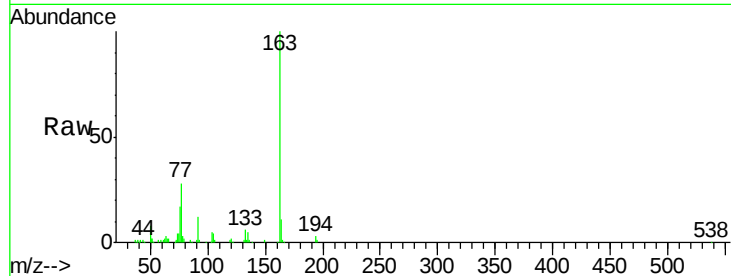
Tgt Ion:163 Resp: 65490

Ion Ratio Lower Upper

163 100

194 2.5 4.3 6.5#

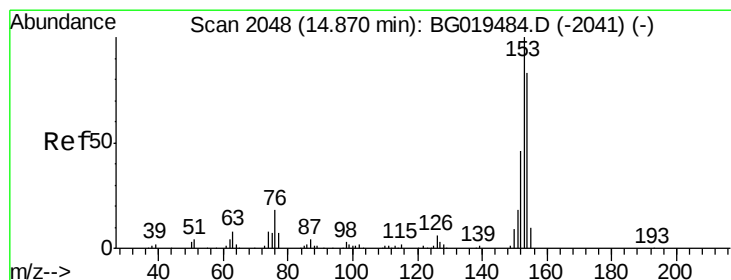
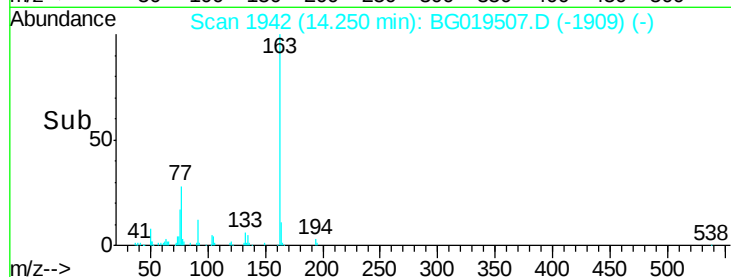
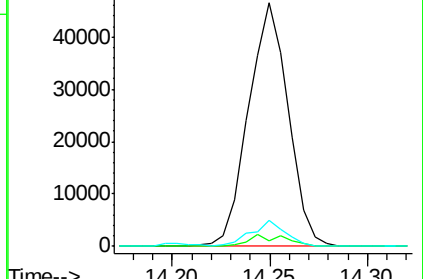
164 10.8 7.5 11.3



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



#50

Acenaphthene

Concen: 15.96 ng/ul

RT: 14.87 min Scan# 2048

Delta R.T. 0.00 min

Lab File: BG019507.D

Acq: 6 Nov 2015 11:47

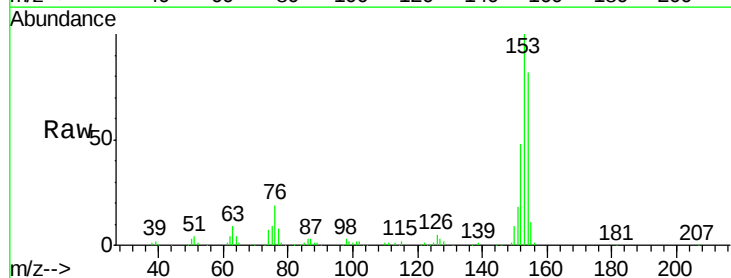
Tgt Ion:153 Resp: 122801

Ion Ratio Lower Upper

153 100

152 48.3 38.8 58.2

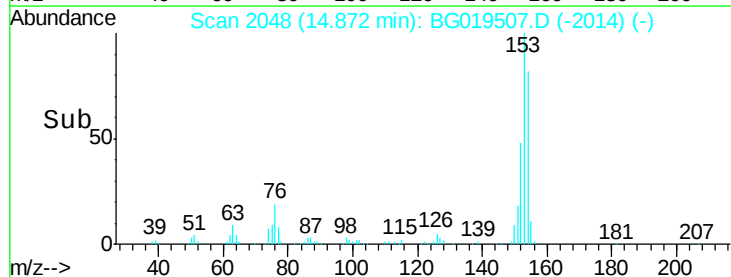
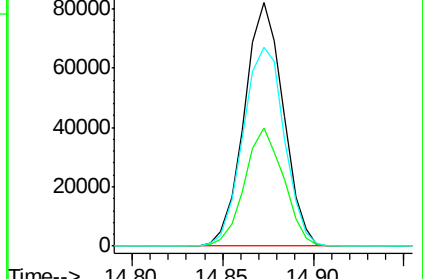
154 81.6 71.5 107.3

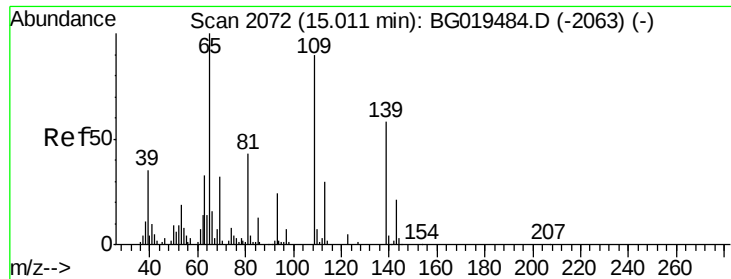


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

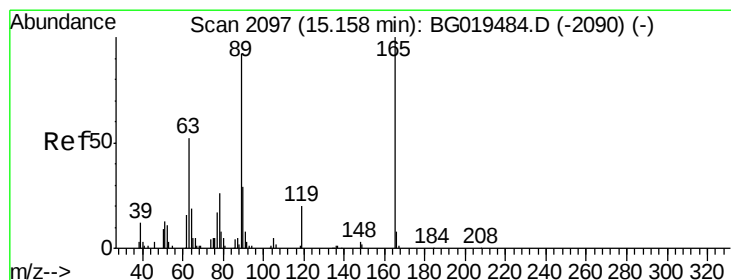
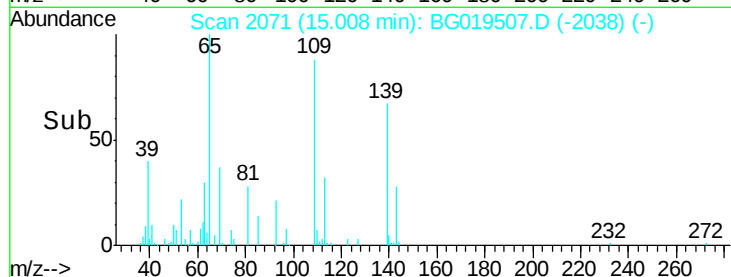
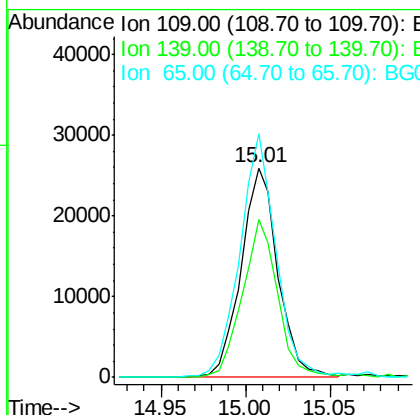
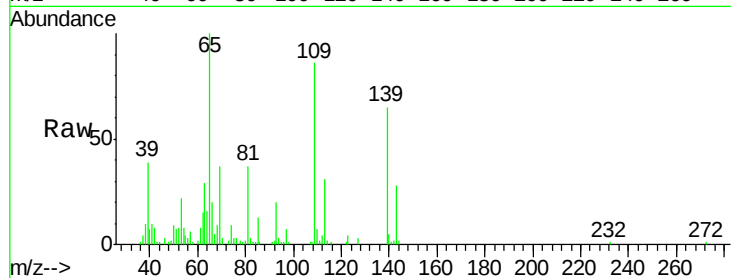




#53
4-Nitrophenol
Concen: 15.82 ng/ul
RT: 15.01 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BG019507.D
Acq: 6 Nov 2015 11:47

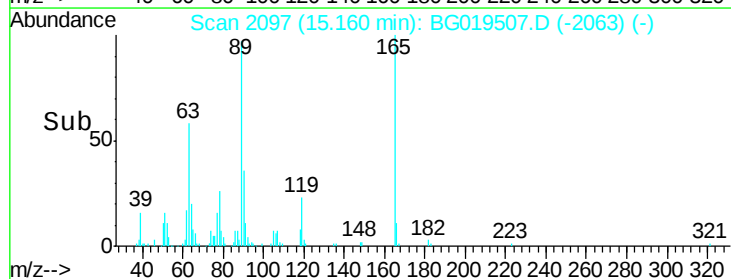
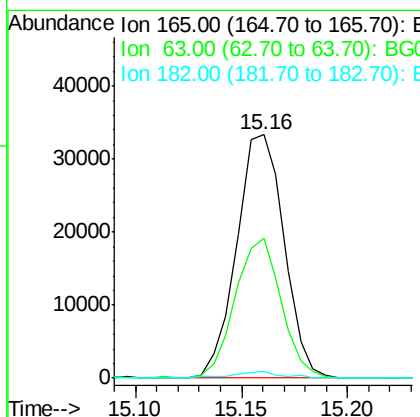
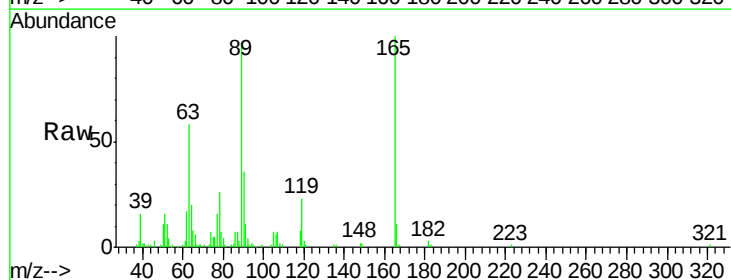
Instrument :
BNA_G
ClientSampleId :
H2TR1MS

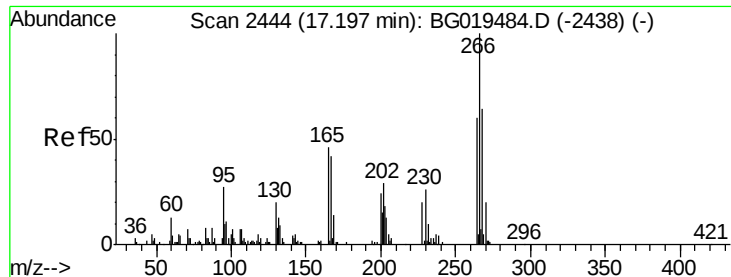
Tgt Ion:109 Resp: 39358
Ion Ratio Lower Upper
109 100
139 75.6 41.5 62.3#
65 116.1 73.7 110.5#



#55
2,4-Dinitrotoluene
Concen: 15.81 ng/ul
RT: 15.16 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG019507.D
Acq: 6 Nov 2015 11:47

Tgt Ion:165 Resp: 51900
Ion Ratio Lower Upper
165 100
63 57.7 51.1 76.7
182 2.7 3.3 4.9#





#69

Pentachlorophenol

Concen: 14.81 ng/ul

RT: 17.19 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG019507.D

Acq: 6 Nov 2015 11:47

Instrument :

BNA_G

ClientSampleId :

H2TR1MS

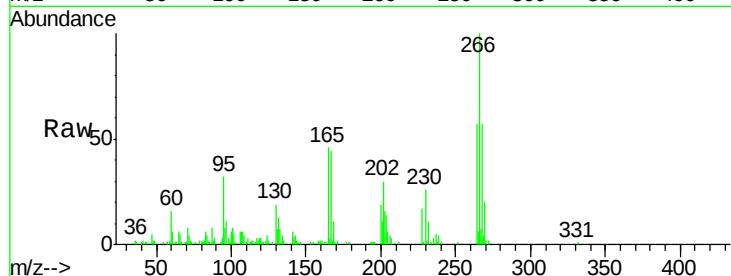
Tgt Ion:266 Resp: 37924

Ion Ratio Lower Upper

266 100

264 57.4 49.5 74.3

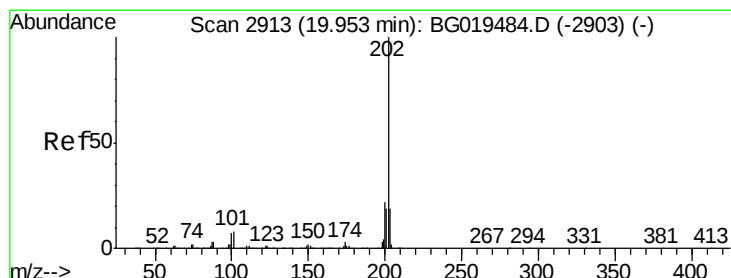
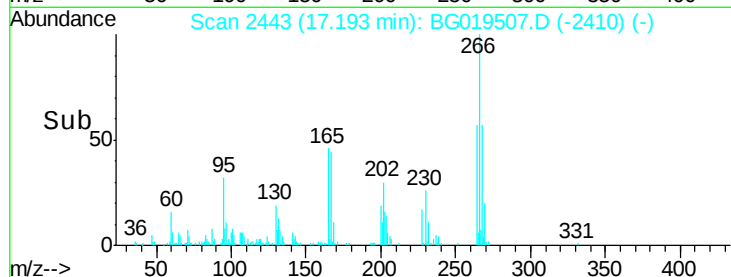
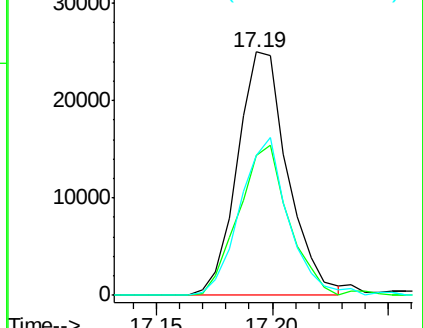
268 57.4 48.7 73.1



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: 15.80 ng/ul

RT: 19.95 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG019507.D

Acq: 6 Nov 2015 11:47

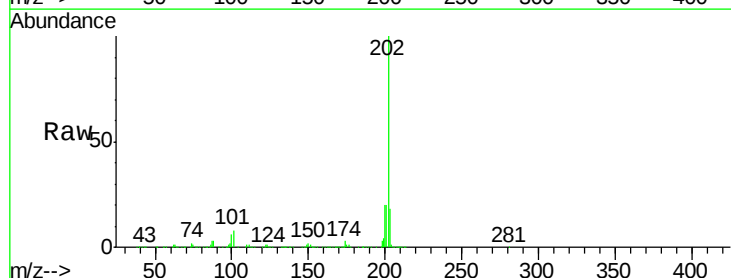
Tgt Ion:202 Resp: 406220

Ion Ratio Lower Upper

202 100

101 7.6 4.3 6.5#

100 6.4 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

