

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121615\
 Data File : BG020195.D
 Acq On : 15 Dec 2015 18:44
 Operator : UM/SJ
 Sample : G4786-07MS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G9BQ3MS

Quant Time: Dec 16 02:42:04 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 16 02:38:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	21542	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	96821	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	71186	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	188343	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	207233	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	193969	20.00	ng/ul	0.00

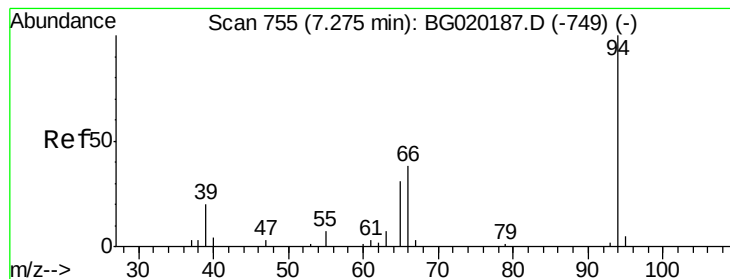
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	340	0.87	ng/uL	0.00
5) Phenol-d5	7.25	99	13399	7.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	32282	28.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	34270	24.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	26592	16.37	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	22546	29.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	26302	31.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	46547	27.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	5676	2.97	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	182865	31.76	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	204621	30.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	7122	6.90	ng/ul	0.00
58) Fluorene-d10	15.72	176	161042	30.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	34055	30.50	ng/ul	0.00
71) Anthracene-d10	17.57	188	263615	30.38	ng/ul	0.00
79) Pyrene-d10	19.85	212	298071	30.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	292235	30.21	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.27	94	14459	7.11	ng/ul	98
10) 2-Chlorophenol	7.66	128	35111	24.27	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.90	70	39027	28.98	ng/ul	97
33) 4-Chloro-3-methylphenol	12.18	107	54541	26.27	ng/ul	93
48) Acenaphthylene	14.45	152	8705	1.22	ng/ul#	87
50) Acenaphthene	14.79	153	198020	41.35	ng/ul	98
53) 4-Nitrophenol	14.93	109	7099	7.15	ng/ul	94
55) 2,4-Dinitrotoluene	15.08	165	55074	30.84	ng/ul	98
69) Pentachlorophenol	17.12	266	45425	31.73	ng/ul	96
80) Pyrene	19.88	202	377698	30.11	ng/ul	99

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



#6

Phenol

Concen: 7.11 ng/ul

RT: 7.27 min Scan# 754

Delta R.T. -0.00 min

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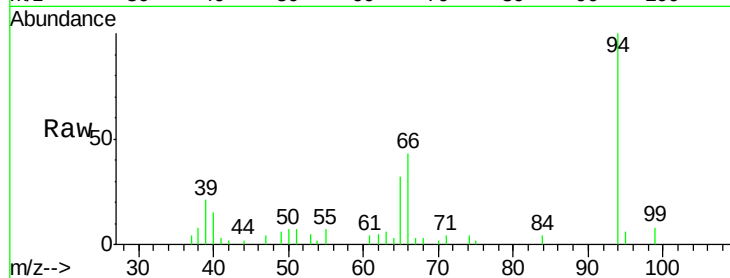
Tgt Ion: 94 Resp: 14459

Ion Ratio Lower Upper

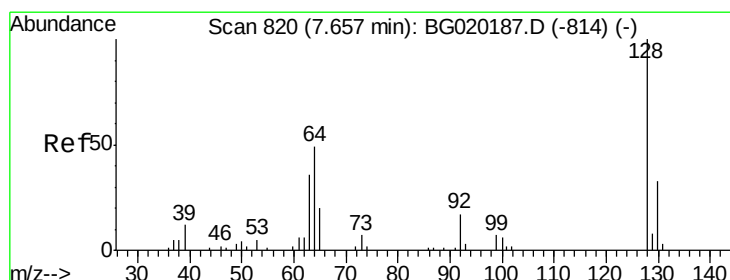
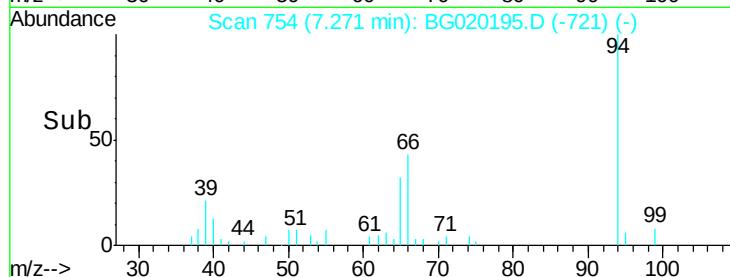
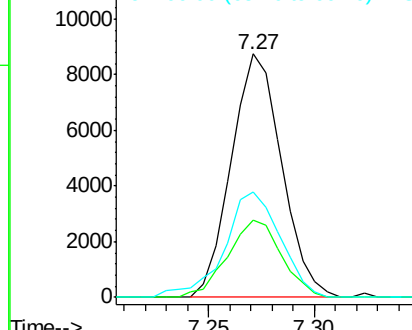
94 100

65 31.9 26.3 39.5

66 43.4 33.3 49.9



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: 24.27 ng/ul

RT: 7.66 min Scan# 820

Delta R.T. 0.00 min

Lab File: BG020195.D

Acq: 15 Dec 2015 18:44

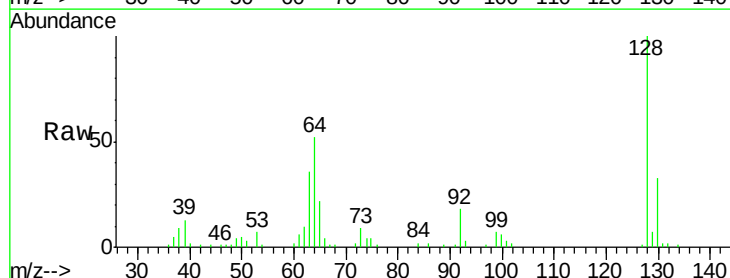
Tgt Ion:128 Resp: 35111

Ion Ratio Lower Upper

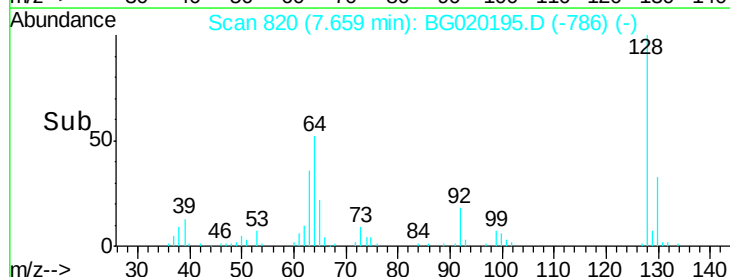
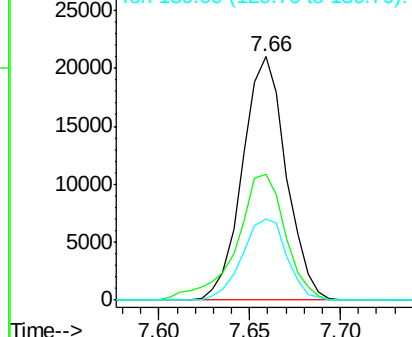
128 100

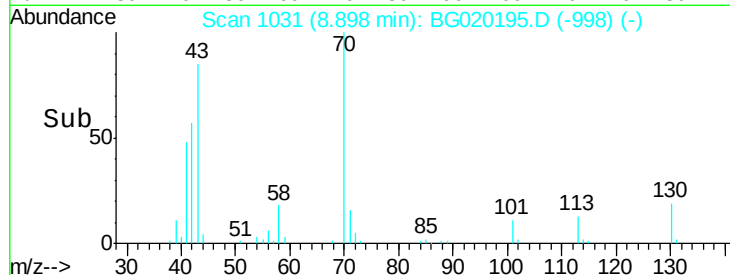
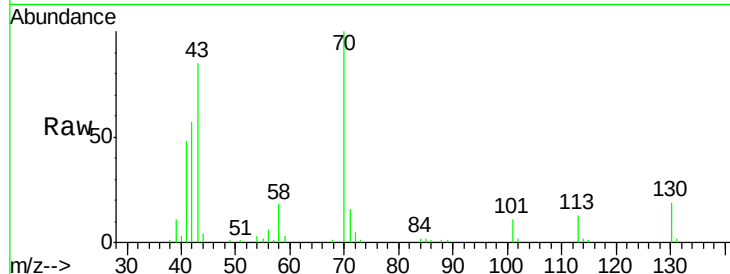
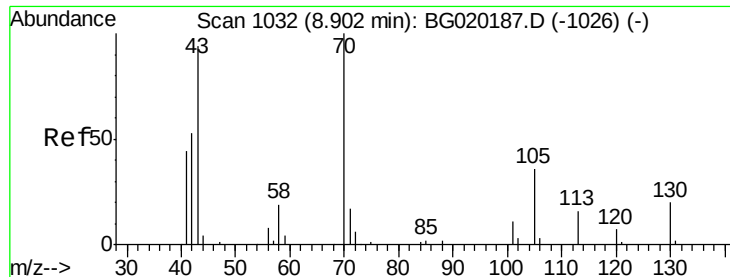
64 51.7 39.4 59.0

130 33.2 24.6 36.8



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

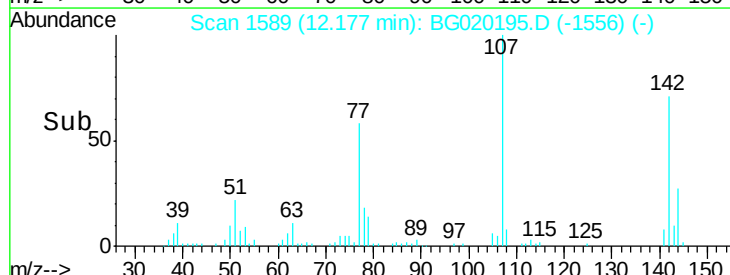
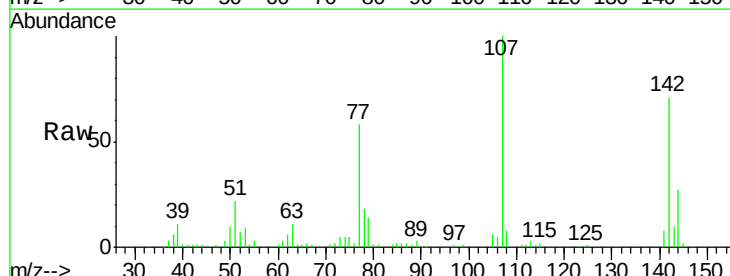
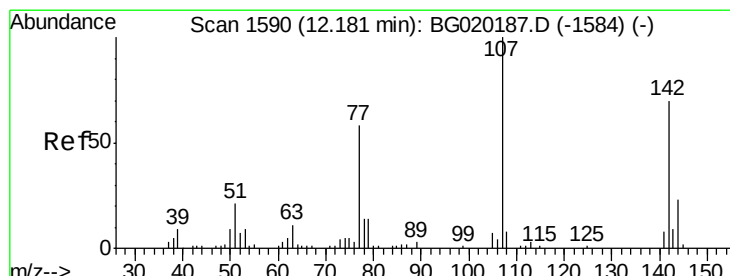
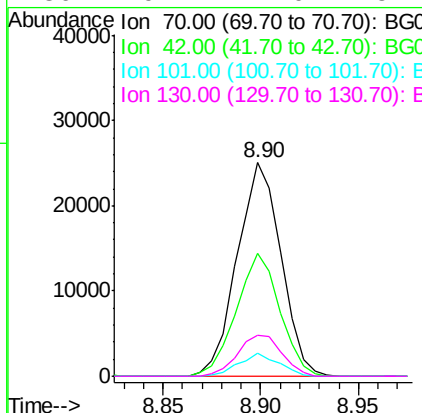




#15
N-Nitroso-di-n-propylamine
Concen: 28.98 ng/ul
RT: 8.90 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG020195.D
Acq: 15 Dec 2015 18:44

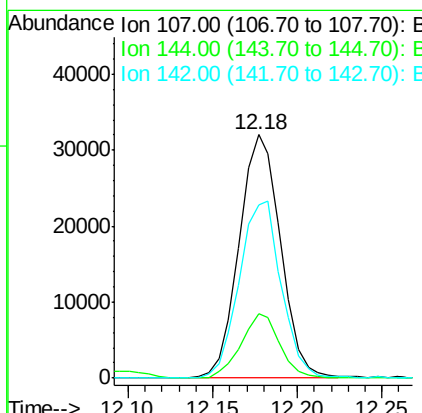
Instrument :
BNA_F
ClientSampleId :
G9BQ3MS

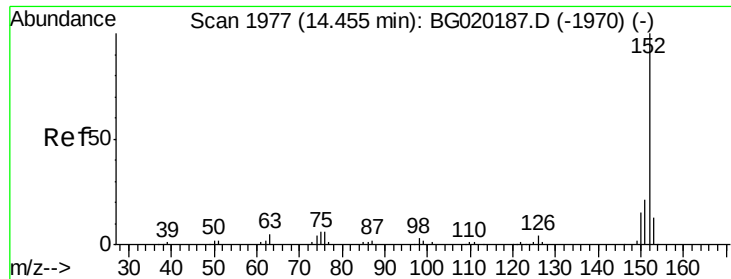
Tgt Ion:	70	Resp:	39027
Ion	Ratio	Lower	Upper
70	100		
42	57.3	44.3	66.5
101	11.0	7.6	11.4
130	19.1	17.0	25.4



#33
4-Chloro-3-methylphenol
Concen: 26.27 ng/ul
RT: 12.18 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG020195.D
Acq: 15 Dec 2015 18:44

Tgt Ion:	107	Resp:	54541
Ion	Ratio	Lower	Upper
107	100		
144	26.5	18.7	28.1
142	71.4	52.8	79.2





#48

Acenaphthylene

Concen: 1.22 ng/ul

RT: 14.45 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG020195.D

Acq: 15 Dec 2015 18:44

Instrument :

BNA_F

ClientSampleId :

G9BQ3MS

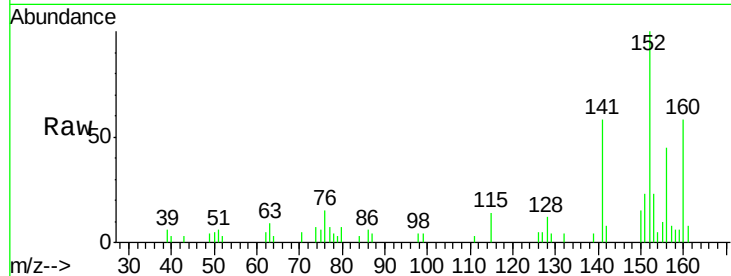
Tgt Ion:152 Resp: 8705

Ion Ratio Lower Upper

152 100

151 23.2 16.4 24.6

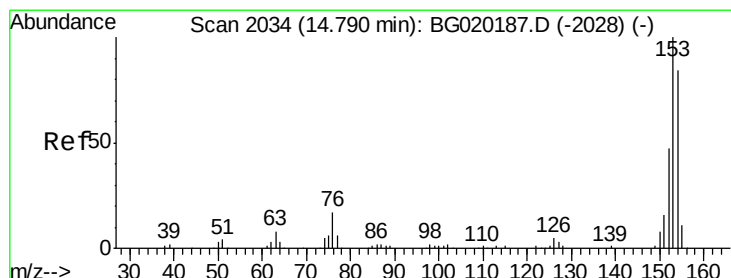
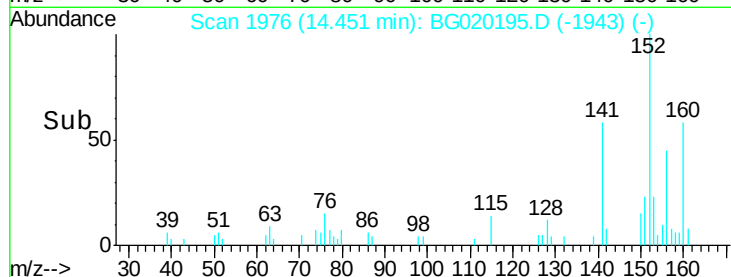
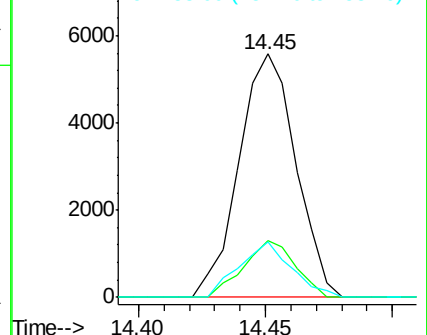
153 23.0 10.4 15.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Acenaphthene

Concen: 41.35 ng/ul

RT: 14.79 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BG020195.D

Acq: 15 Dec 2015 18:44

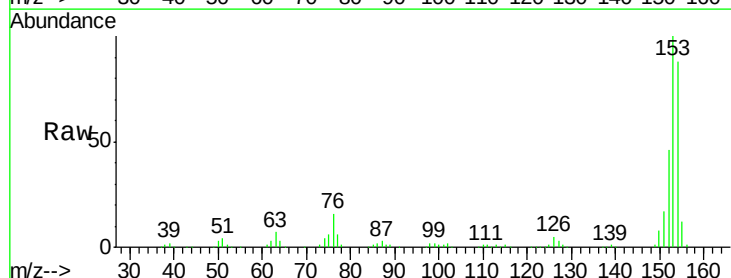
Tgt Ion:153 Resp: 198020

Ion Ratio Lower Upper

153 100

152 46.4 37.6 56.4

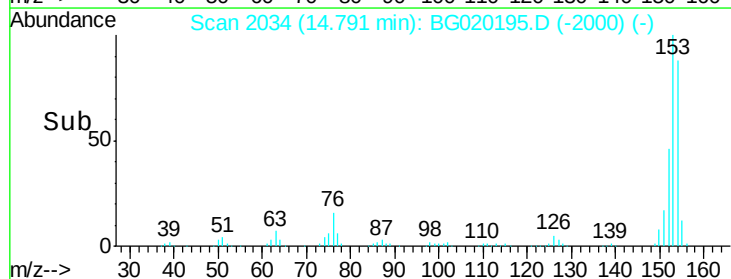
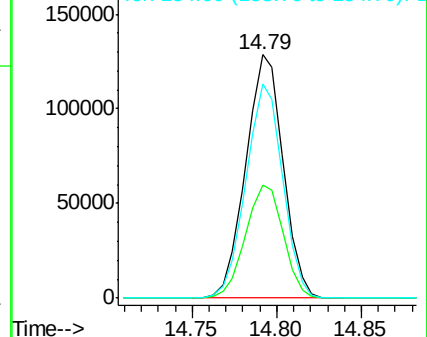
154 87.7 67.9 101.9

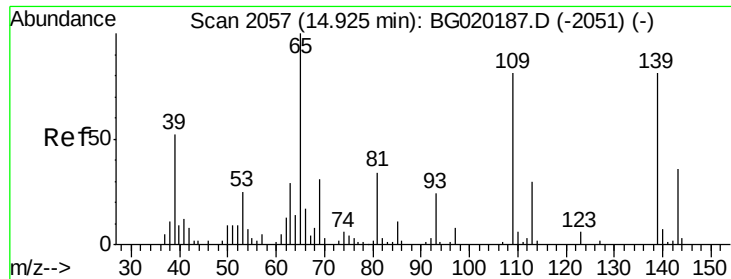


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 7.15 ng/ul

RT: 14.93 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG020195.D

Acq: 15 Dec 2015 18:44

Instrument :

BNA_F

ClientSampleId :

G9BQ3MS

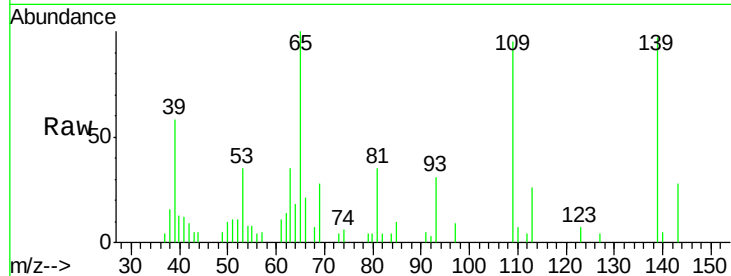
Tgt Ion:109 Resp: 7099

Ion Ratio Lower Upper

109 100

139 101.6 80.5 120.7

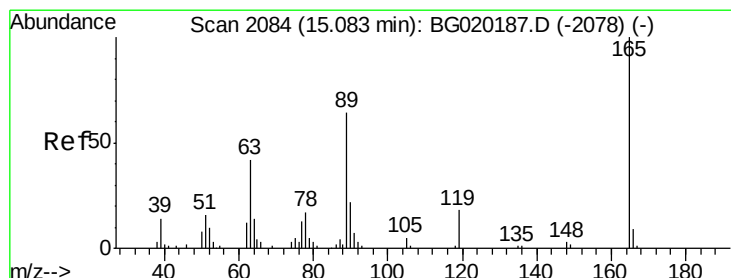
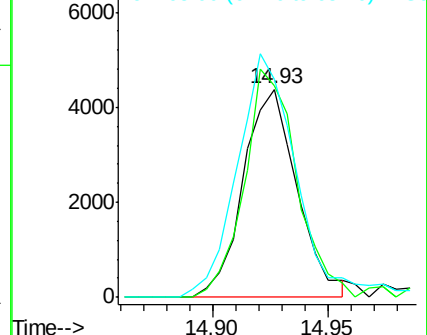
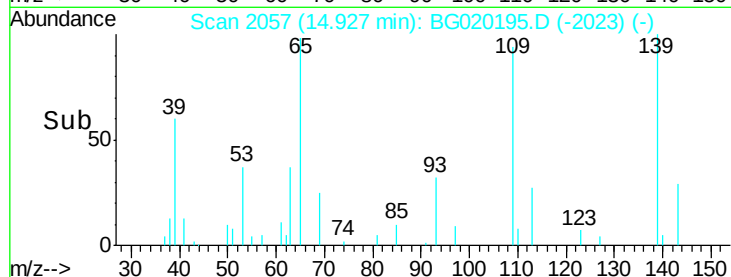
65 104.8 93.4 140.2



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



#55

2,4-Dinitrotoluene

Concen: 30.84 ng/ul

RT: 15.08 min Scan# 2083

Delta R.T. -0.00 min

Lab File: BG020195.D

Acq: 15 Dec 2015 18:44

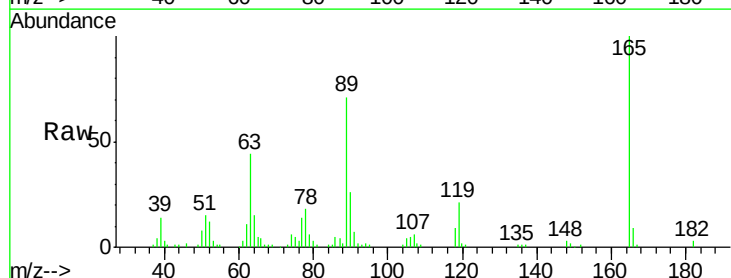
Tgt Ion:165 Resp: 55074

Ion Ratio Lower Upper

165 100

63 43.7 35.8 53.8

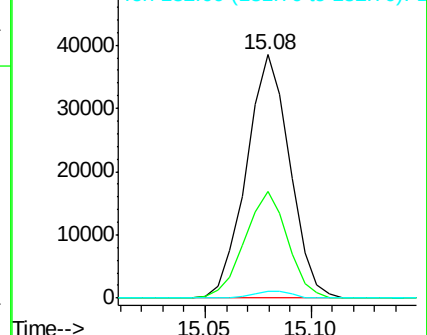
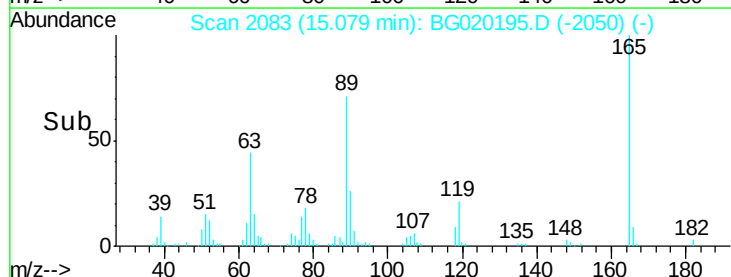
182 2.7 2.2 3.2

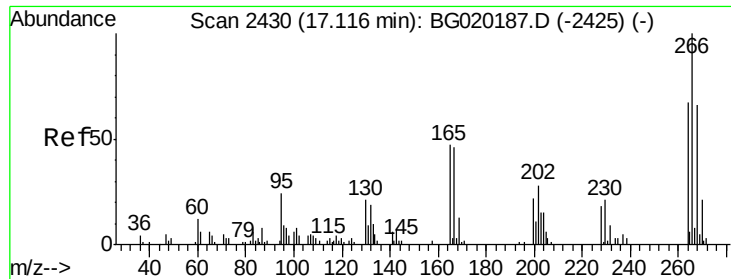


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 31.73 ng/ul

RT: 17.12 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG020195.D

Acq: 15 Dec 2015 18:44

Instrument :

BNA_F

ClientSampleId :

G9BQ3MS

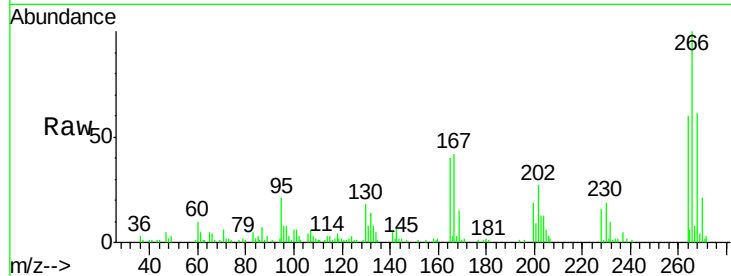
Tgt Ion:266 Resp: 45425

Ion Ratio Lower Upper

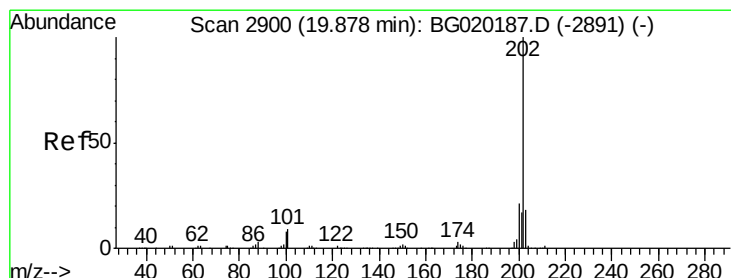
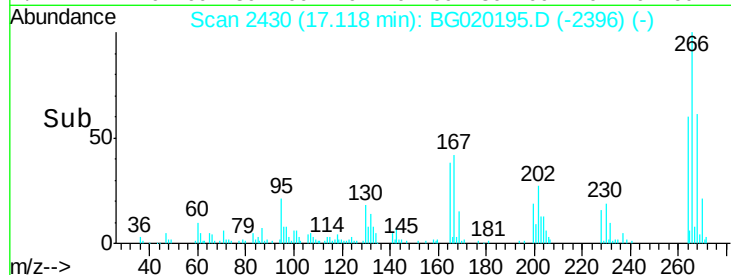
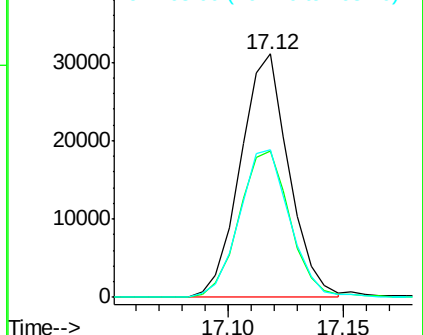
266 100

264 60.3 52.2 78.2

268 60.5 49.3 73.9



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: 30.11 ng/ul

RT: 19.88 min Scan# 2900

Delta R.T. 0.00 min

Lab File: BG020195.D

Acq: 15 Dec 2015 18:44

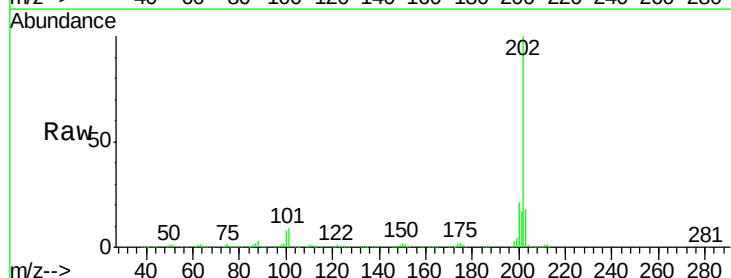
Tgt Ion:202 Resp: 377698

Ion Ratio Lower Upper

202 100

101 8.6 7.0 10.4

100 7.5 6.4 9.6



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

