

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
 Data File : BG025187.D
 Acq On : 14 Dec 2016 22:17
 Operator : UM/SJ
 Sample : H5938-05MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA826MS

Quant Time: Dec 15 04:02:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 03:57:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	78973	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	357801	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	295416	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	605745	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	713099	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	719348	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	5755	3.76	ng/uL	0.00
5) Phenol-d5	7.38	99	172555	25.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	108981	25.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	119152	25.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	154094	27.06	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	61874	24.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	78377	24.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	158093	26.02	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	16572	2.78	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	577050	28.40	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	609774	27.40	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	74222	21.25	ng/ul	0.00
57) Fluorene-d10	15.85	176	502086	26.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	93526	24.97	ng/ul	0.00
70) Anthracene-d10	17.70	188	717106	28.05	ng/ul	0.00
76) Pyrene-d10	19.98	212	795202	27.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	746835	25.62	ng/ul	0.00

Target Compounds

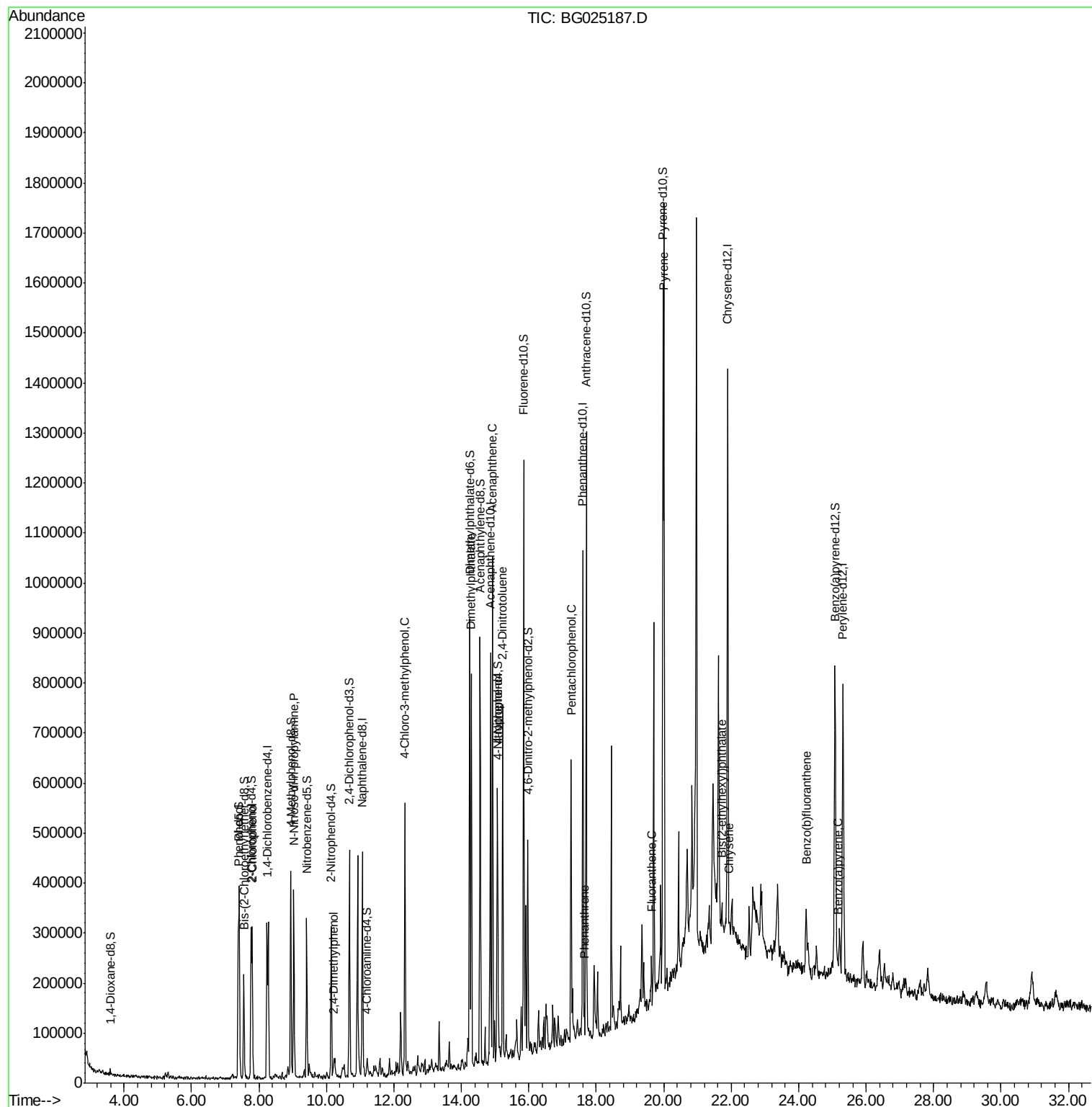
						Qvalue
6) Phenol	7.41	94	185760	26.56	ng/ul	93
10) 2-Chlorophenol	7.80	128	115107	24.03	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.03	70	142622	28.50	ng/ul#	87
24) 2,4-Dimethylphenol	10.21	107	11184	1.53	ng/ul	88
33) 4-Chloro-3-methylphenol	12.33	107	196309	27.00	ng/ul	96
44) Dimethylphthalate	14.29	163	466374	23.35	ng/ul	96
49) Acenaphthene	14.92	153	407650	27.50	ng/ul	97
52) 4-Nitrophenol	15.08	109	92946	22.13	ng/ul	94
54) 2,4-Dinitrotoluene	15.22	165	176786	27.34	ng/ul#	95
68) Pentachlorophenol	17.25	266	113470	24.53	ng/ul	92
69) Phenanthrene	17.64	178	44595	1.54	ng/ul	99
74) Fluoranthene	19.64	202	61737	1.80	ng/ul#	94
77) Pyrene	20.01	202	962601	28.08	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.72	149	19962	1.08	ng/ul#	96
82) Chrysene	21.94	228	41671	1.20	ng/ul	94
85) Benzo(b)fluoranthene	24.22	252	70698	1.98	ng/ul#	93
88) Benzo(a)pyrene	25.15	252	38104	1.11	ng/ul	93

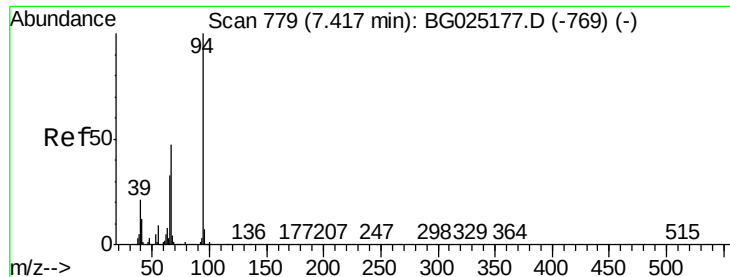
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025187.D
Acq On : 14 Dec 2016 22:17
Operator : UM/SJ
Sample : H5938-05MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA826MS

Quant Time: Dec 15 04:02:40 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 03:57:23 2016
Response via : Initial Calibration





#6

Phenol

Concen: 26.56 ng/ul

RT: 7.41 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG025187.D

Acq: 14 Dec 2016 22:17

Instrument :

BNA_G

ClientSampleId :

DA826MS

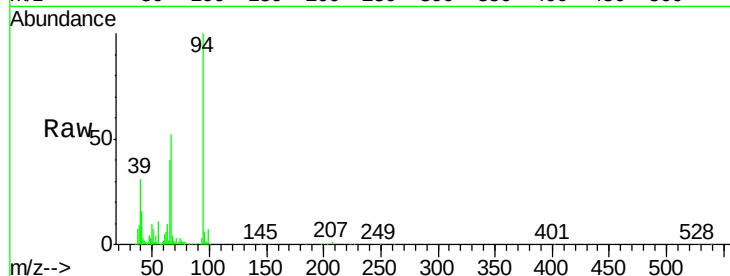
Tgt Ion: 94 Resp: 185760

Ion Ratio Lower Upper

94 100

65 39.8 26.8 40.2

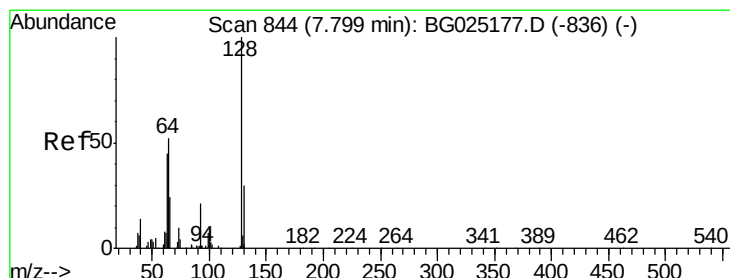
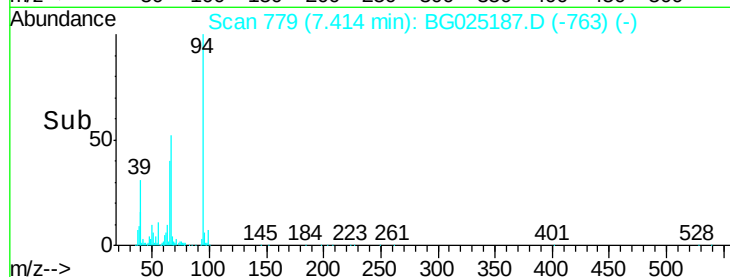
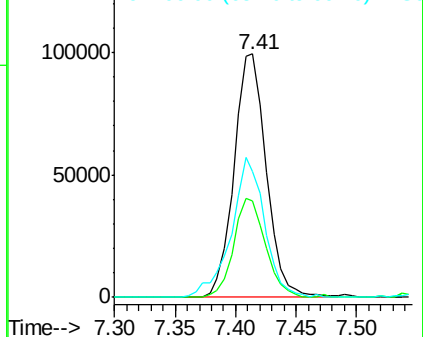
66 51.9 44.4 66.6



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: 24.03 ng/ul

RT: 7.80 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG025187.D

Acq: 14 Dec 2016 22:17

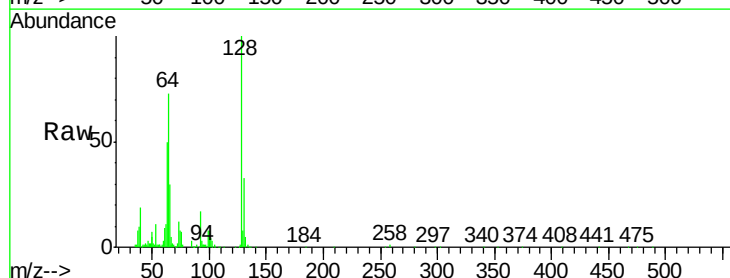
Tgt Ion: 128 Resp: 115107

Ion Ratio Lower Upper

128 100

64 73.1 56.3 84.5

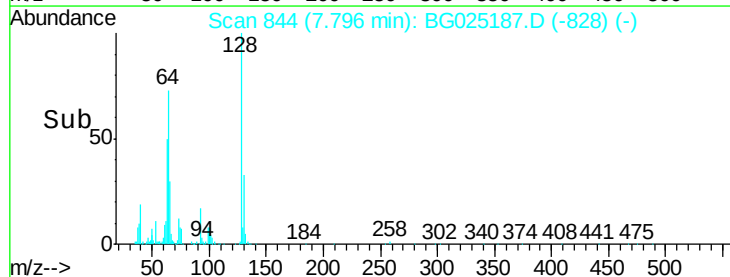
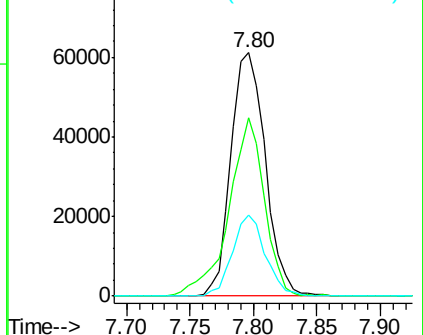
130 33.4 26.7 40.1

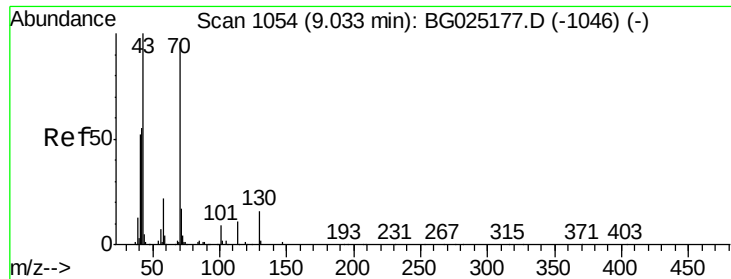


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 130.00 (129.70 to 130.70): E

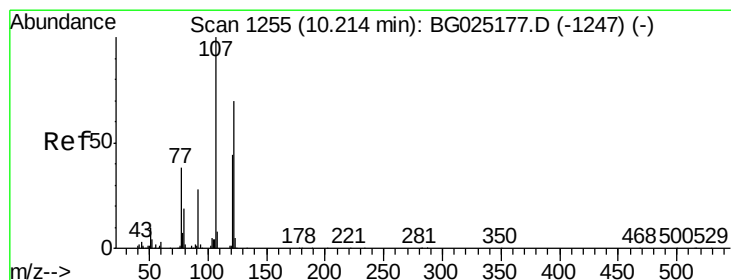
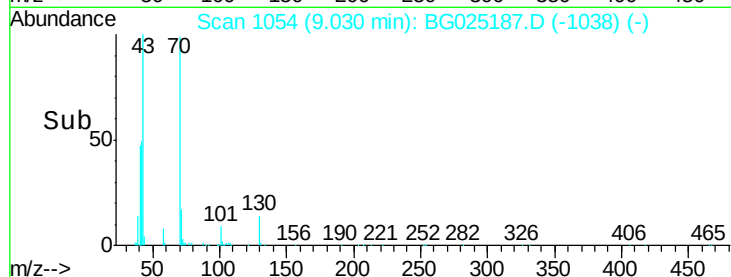
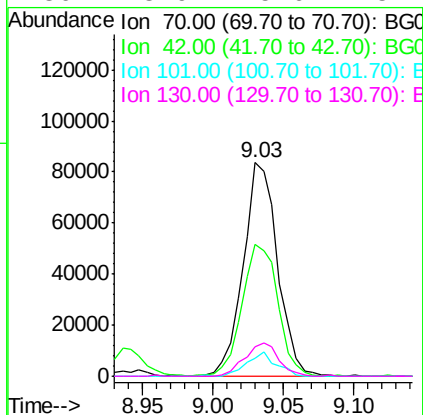
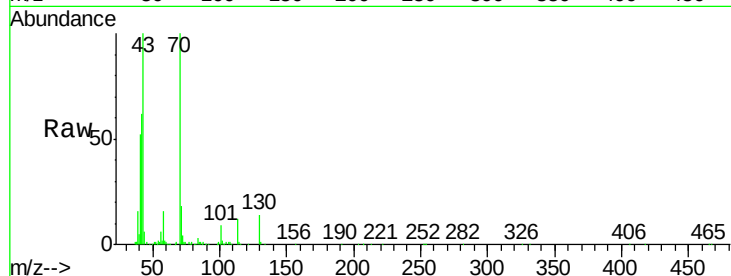




#15
N-Nitroso-di-n-propylamine
Concen: 28.50 ng/ul
RT: 9.03 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG025187.D
Acq: 14 Dec 2016 22:17

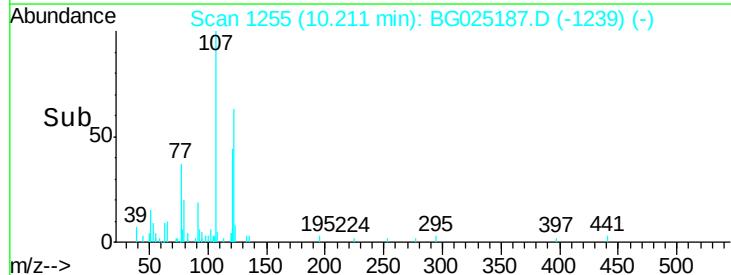
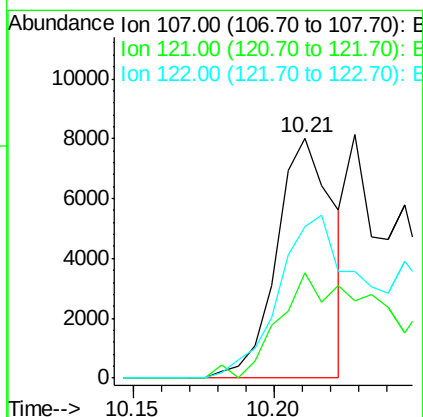
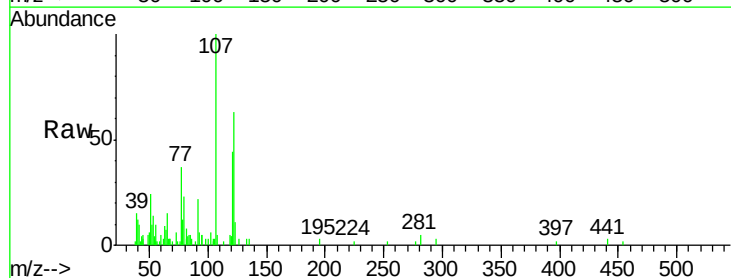
Instrument :
BNA_G
ClientSampleId :
DA826MS

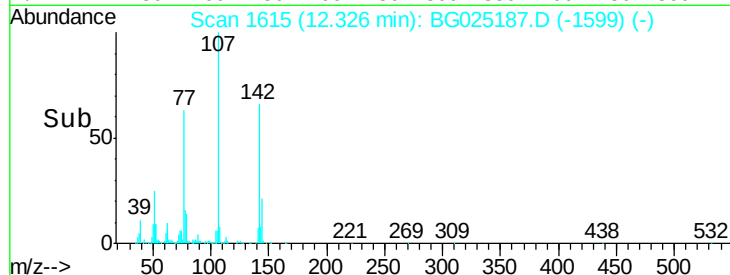
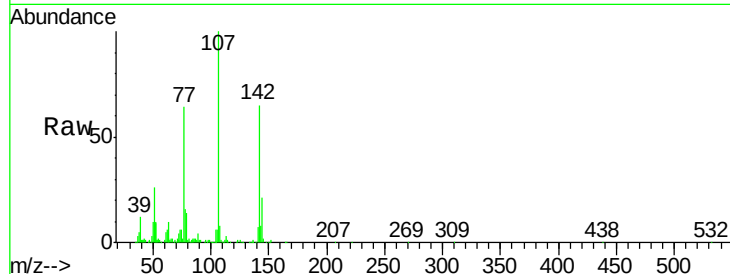
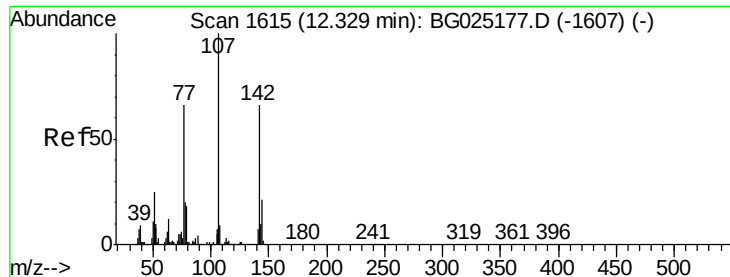
Tgt Ion:	70	Resp:	142622
Ion	Ratio	Lower	Upper
70	100		
42	61.6	59.0	88.6
101	8.5	6.6	9.8
130	13.9	15.6	23.4#



#24
2,4-Dimethylphenol
Concen: 1.53 ng/ul
RT: 10.21 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BG025187.D
Acq: 14 Dec 2016 22:17

Tgt Ion:	107	Resp:	11184
Ion	Ratio	Lower	Upper
107	100		
121	43.8	32.3	48.5
122	62.9	61.2	91.8

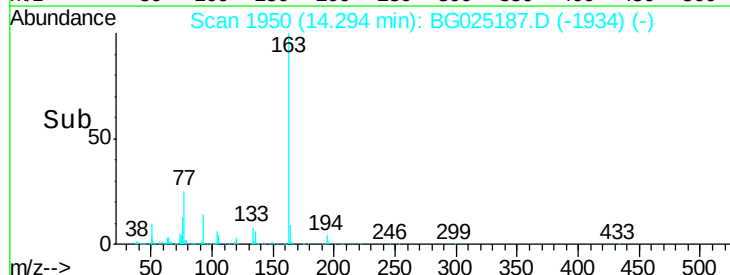
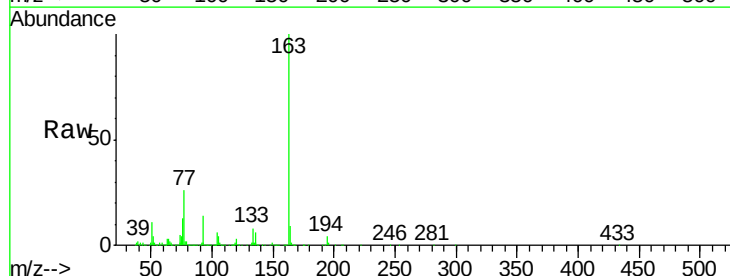
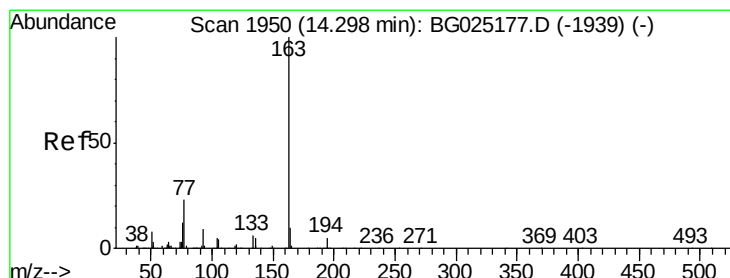
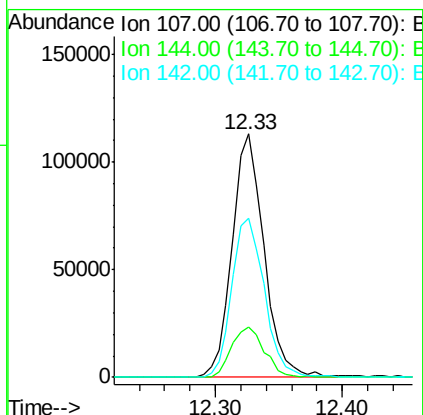




#33
4-Chloro-3-methylphenol
Concen: 27.00 ng/ul
RT: 12.33 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG025187.D
Acq: 14 Dec 2016 22:17

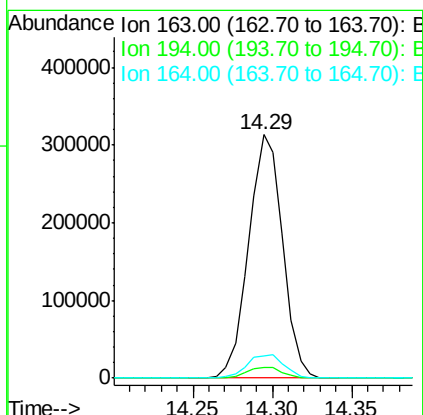
Instrument :
BNA_G
ClientSampleId :
DA826MS

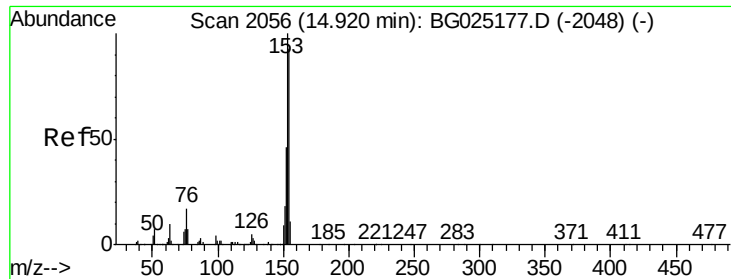
Tgt Ion	Ratio	Lower	Upper
107	100		
144	20.9	18.2	27.4
142	65.4	55.0	82.4



#44
Dimethylphthalate
Concen: 23.35 ng/ul
RT: 14.29 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG025187.D
Acq: 14 Dec 2016 22:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.3	9.0	13.4





#49

Acenaphthene

Concen: 27.50 ng/ul

RT: 14.92 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG025187.D

Acq: 14 Dec 2016 22:17

Instrument :

BNA_G

ClientSampleId :

DA826MS

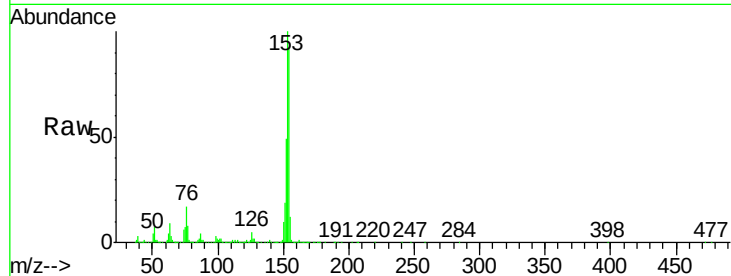
Tgt Ion:153 Resp: 407650

Ion Ratio Lower Upper

153 100

152 48.6 36.5 54.7

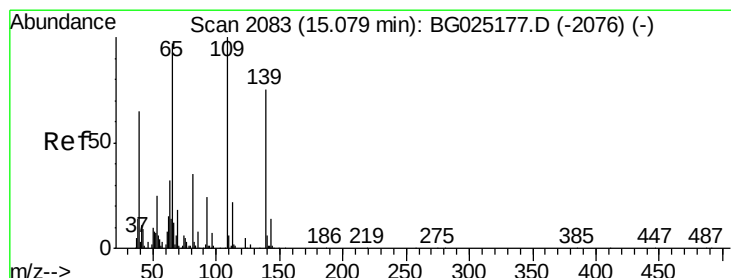
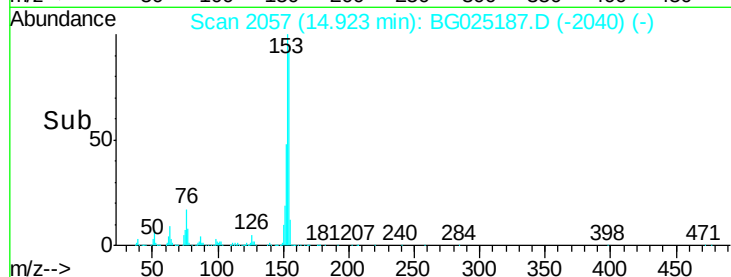
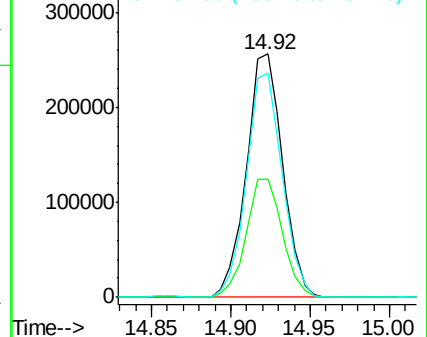
154 92.2 72.3 108.5



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: 22.13 ng/ul

RT: 15.08 min Scan# 2083

Delta R.T. -0.00 min

Lab File: BG025187.D

Acq: 14 Dec 2016 22:17

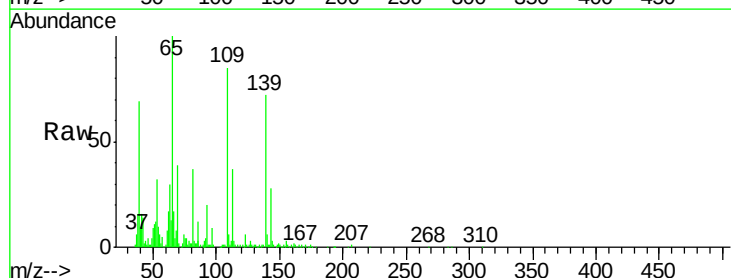
Tgt Ion:109 Resp: 92946

Ion Ratio Lower Upper

109 100

139 84.6 62.6 93.8

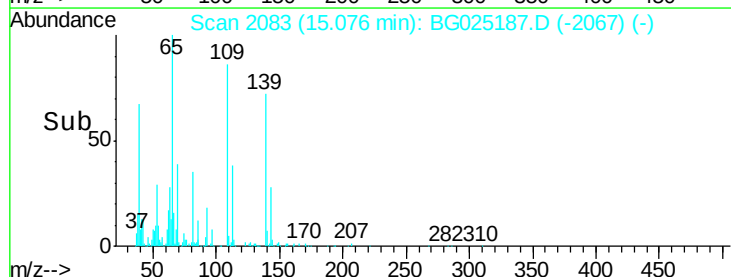
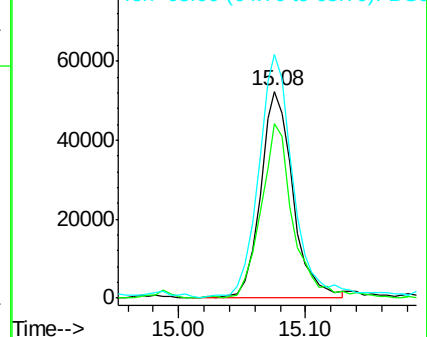
65 117.8 90.4 135.6

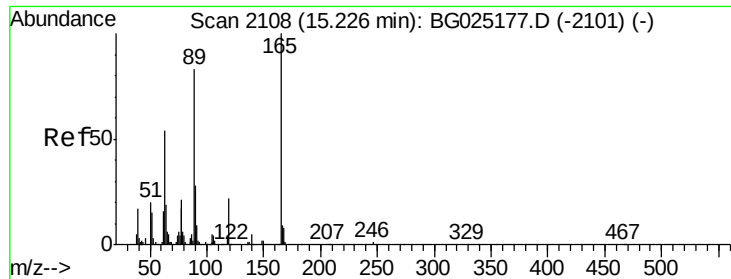


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG

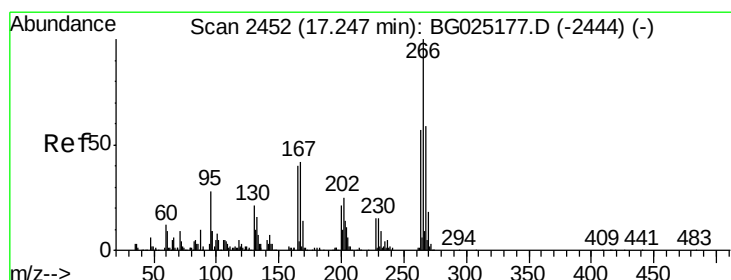
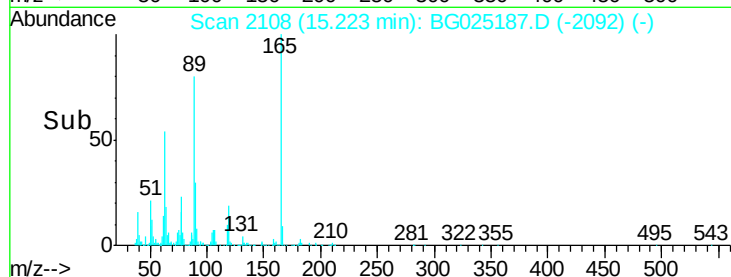
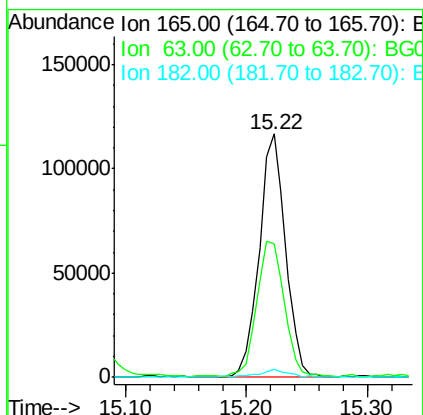
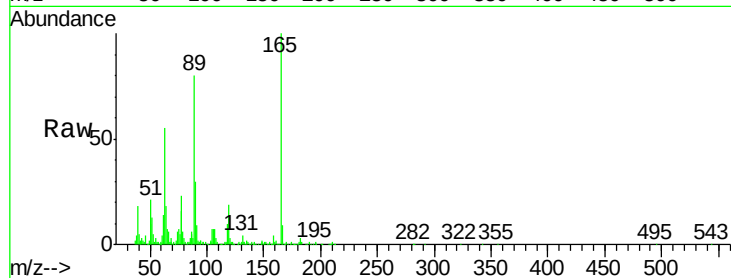




#54
 2,4-Dinitrotoluene
 Concen: 27.34 ng/ul
 RT: 15.22 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BG025187.D
 Acq: 14 Dec 2016 22:17

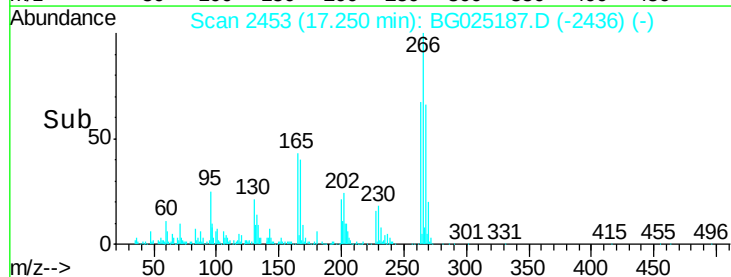
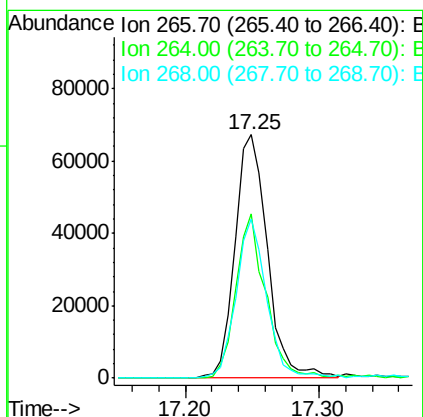
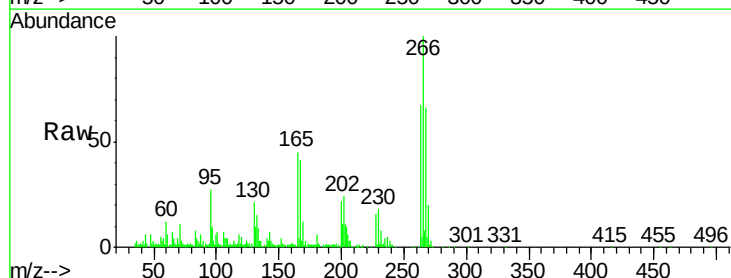
Instrument :
 BNA_G
 ClientSampleId :
 DA826MS

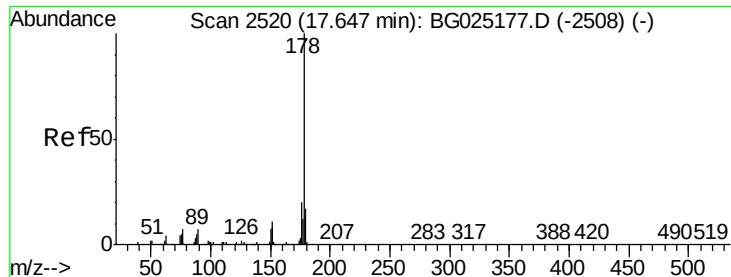
Tgt Ion:165 Resp: 176786
 Ion Ratio Lower Upper
 165 100
 63 54.8 46.8 70.2
 182 3.4 1.8 2.6#



#68
 Pentachlorophenol
 Concen: 24.53 ng/ul
 RT: 17.25 min Scan# 2453
 Delta R.T. 0.00 min
 Lab File: BG025187.D
 Acq: 14 Dec 2016 22:17

Tgt Ion:266 Resp: 113470
 Ion Ratio Lower Upper
 266 100
 264 67.4 47.1 70.7
 268 65.6 56.2 84.4





#69

Phenanthrene

Concen: 1.54 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BG025187.D

Acq: 14 Dec 2016 22:17

Instrument :

BNA_G

ClientSampleId :

DA826MS

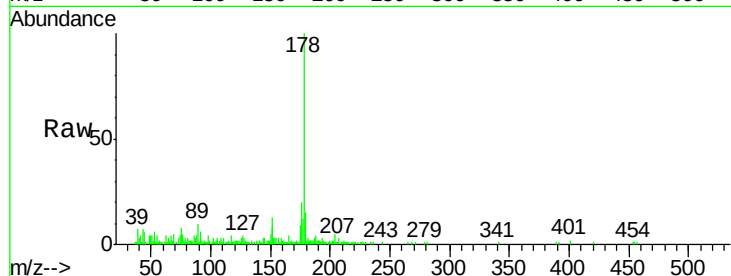
Tgt Ion:178 Resp: 44595

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

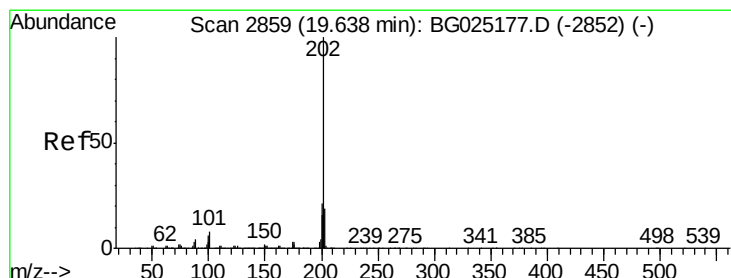
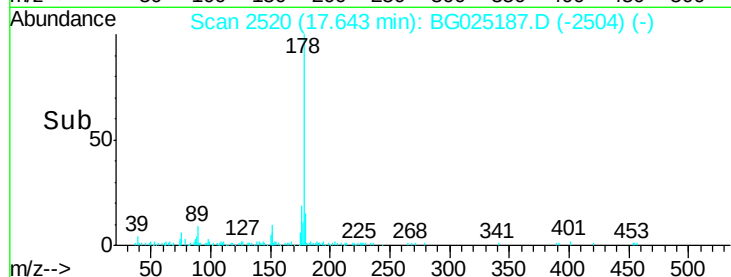
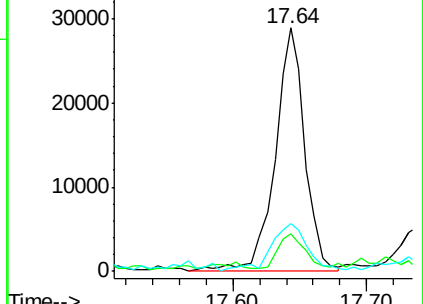
176 19.6 16.5 24.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 1.80 ng/ul

RT: 19.64 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG025187.D

Acq: 14 Dec 2016 22:17

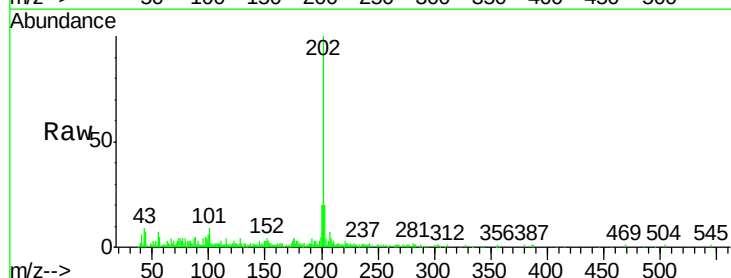
Tgt Ion:202 Resp: 61737

Ion Ratio Lower Upper

202 100

101 10.6 6.2 9.2#

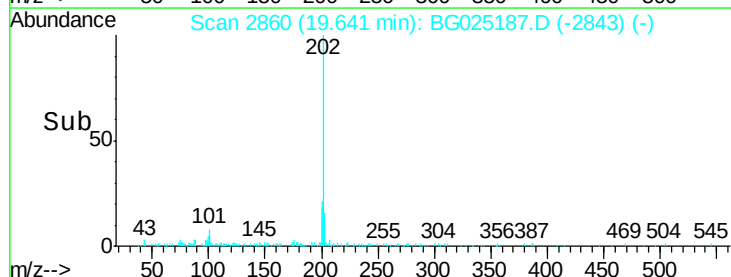
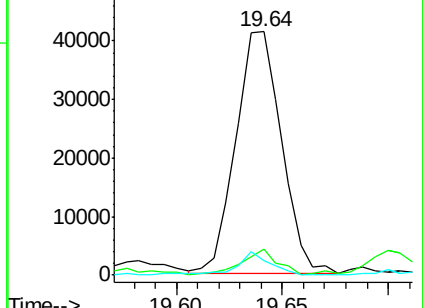
100 5.8 5.2 7.8

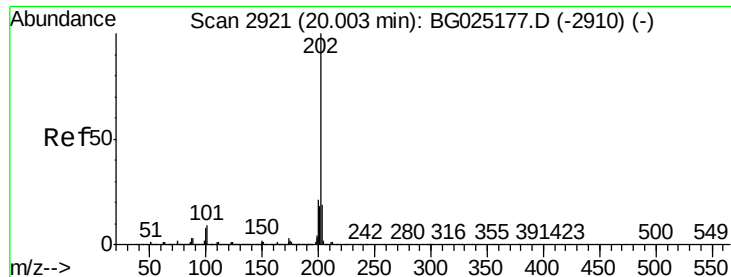


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 28.08 ng/ul

RT: 20.01 min Scan# 2922

Delta R.T. 0.00 min

Lab File: BG025187.D

Acq: 14 Dec 2016 22:17

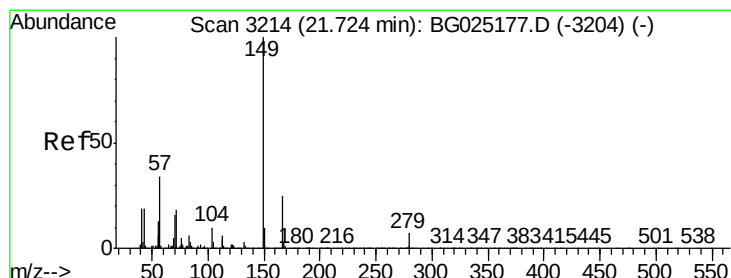
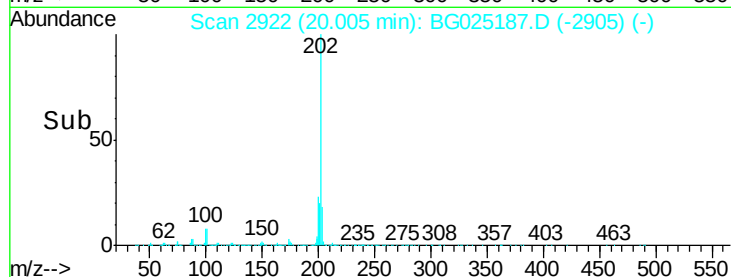
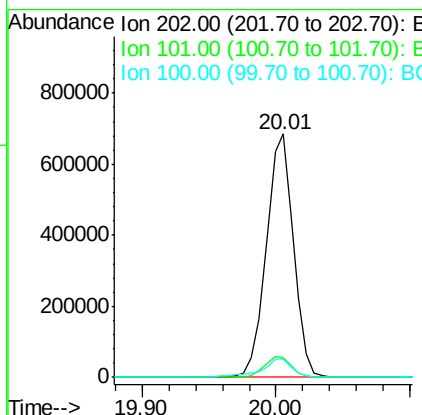
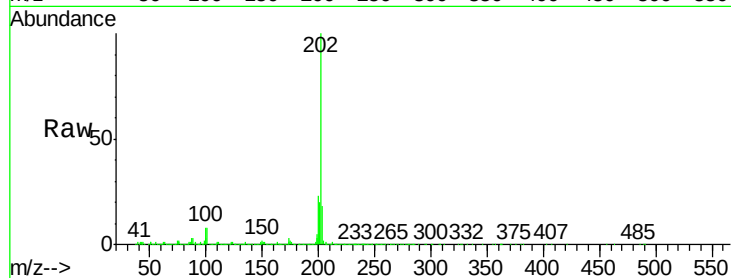
Instrument :

BNA_G

ClientSampleId :

DA826MS

Tgt Ion:	202	Resp:	962601
Ion Ratio	Lower	Upper	
202	100		
101	8.3	6.9	10.3
100	7.6	6.6	10.0



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.08 ng/ul

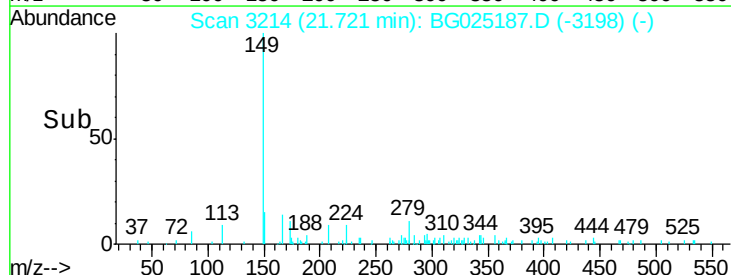
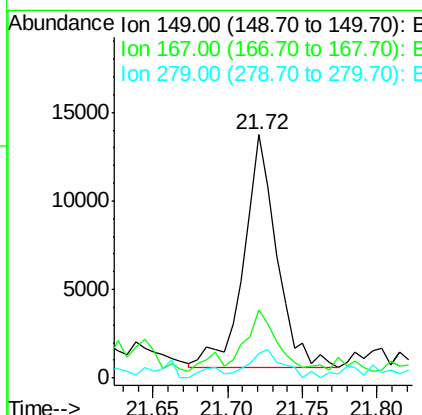
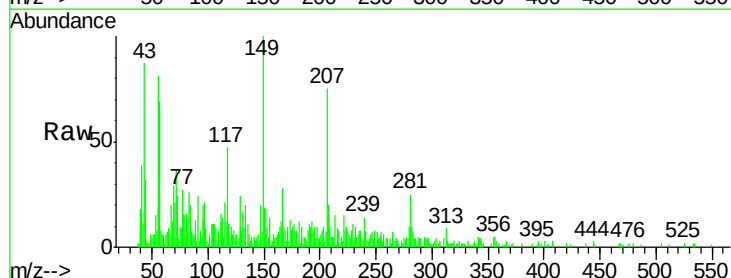
RT: 21.72 min Scan# 3214

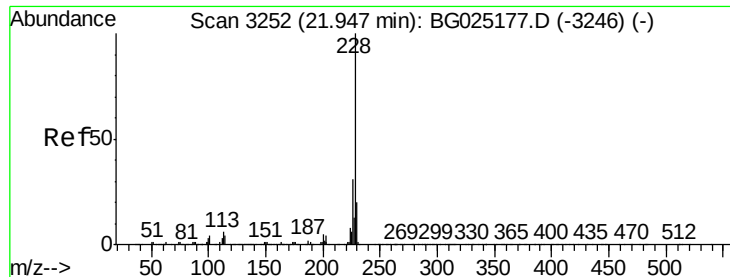
Delta R.T. -0.00 min

Lab File: BG025187.D

Acq: 14 Dec 2016 22:17

Tgt Ion:	149	Resp:	19962
Ion Ratio	Lower	Upper	
149	100		
167	28.1	21.8	32.8
279	10.0	4.5	6.7#





#82

Chrysene

Concen: 1.20 ng/ul

RT: 21.94 min Scan# 3251

Delta R.T. -0.01 min

Lab File: BG025187.D

Acq: 14 Dec 2016 22:17

Instrument :

BNA_G

ClientSampled :

DA826MS

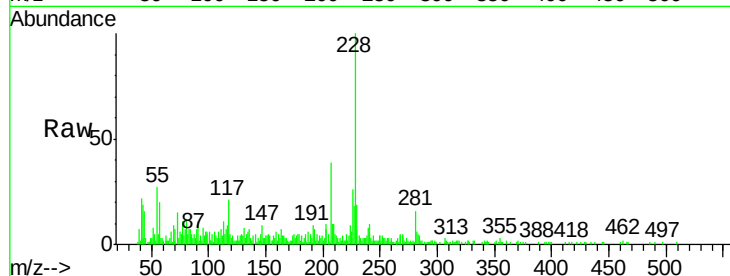
Tgt Ion:228 Resp: 41671

Ion Ratio Lower Upper

228 100

226 25.6 24.0 36.0

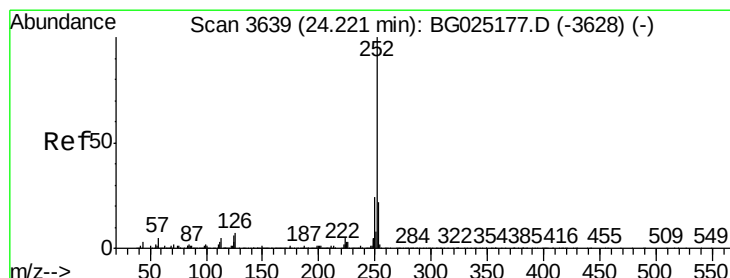
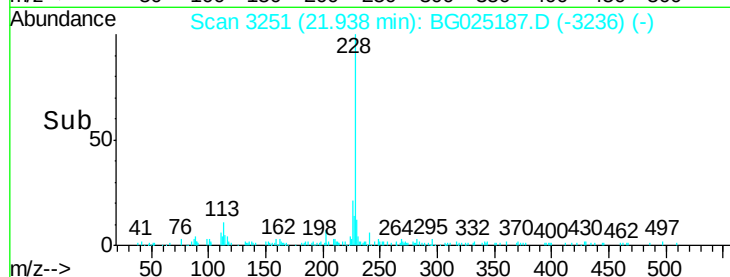
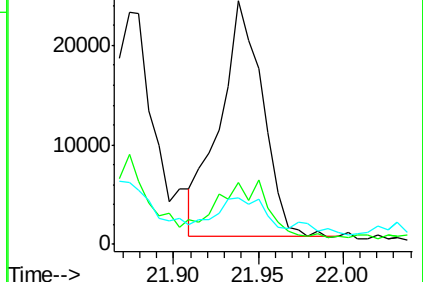
229 19.2 16.9 25.3



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



#85

Benzo(b)fluoranthene

Concen: 1.98 ng/ul

RT: 24.22 min Scan# 3639

Delta R.T. -0.00 min

Lab File: BG025187.D

Acq: 14 Dec 2016 22:17

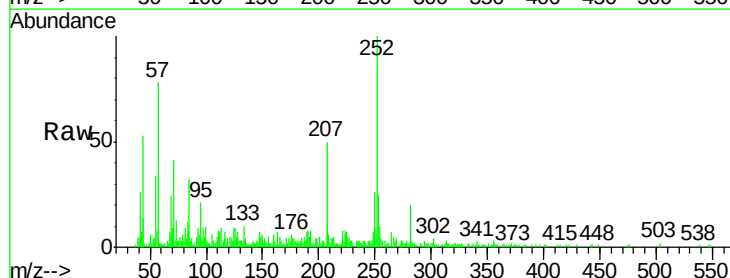
Tgt Ion:252 Resp: 70698

Ion Ratio Lower Upper

252 100

253 25.0 17.7 26.5

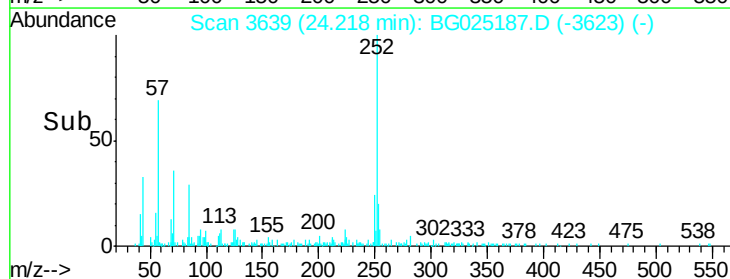
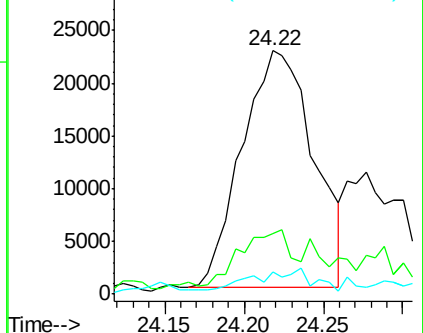
125 9.3 4.0 6.0#

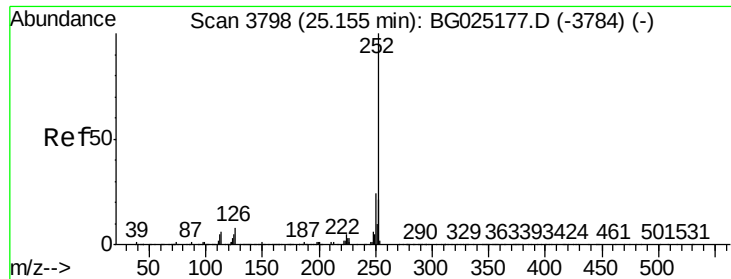


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.11 ng/ul

RT: 25.15 min Scan# 3797

Delta R.T. -0.01 min

Lab File: BG025187.D

Acq: 14 Dec 2016 22:17

Instrument :

BNA_G

ClientSampleId :

DA826MS

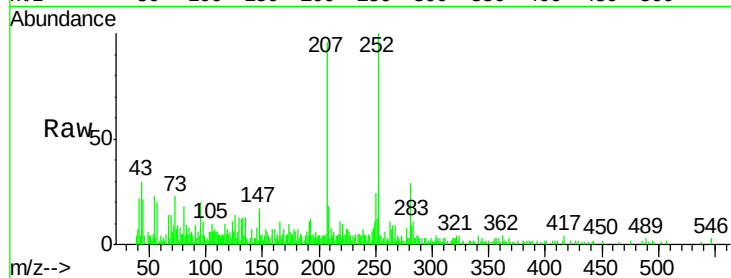
Tgt Ion: 252 Resp: 38104

Ion Ratio Lower Upper

252 100

253 26.5 17.8 26.6

125 5.9 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

