

Data Path : Z:\HPCHEM1\BNA_G\Data\BG102115\
 Data File : BG019298.D
 Acq On : 22 Oct 2015 2:25
 Operator : UM/NP
 Sample : G4057-20MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LQ0MSD

Quant Time: Oct 22 09:40:12 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 01:23:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	14667	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	67073	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	54671	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	121953	20.00	ng/ul	-0.01
78) Chrysene-d12	21.62	240	145499	20.00	ng/ul	-0.02
86) Perylene-d12	24.82	264	146379	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	616	2.34	ng/uL	-0.02
5) Phenol-d5	7.16	99	7416	5.79	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.31	67	21291	25.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.52	132	23302	24.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	15033	13.86	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	15727	30.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	19116	34.85	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.42	165	33776	31.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	1638	1.17	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	129524	27.09	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	143866	27.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	5188	6.04	ng/ul	0.00
58) Fluorene-d10	15.61	176	121498	29.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	25366	33.72	ng/ul	0.00
71) Anthracene-d10	17.46	188	180777	31.37	ng/ul	0.00
79) Pyrene-d10	19.75	212	209305	31.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	233849	31.62	ng/ul	0.00

Target Compounds

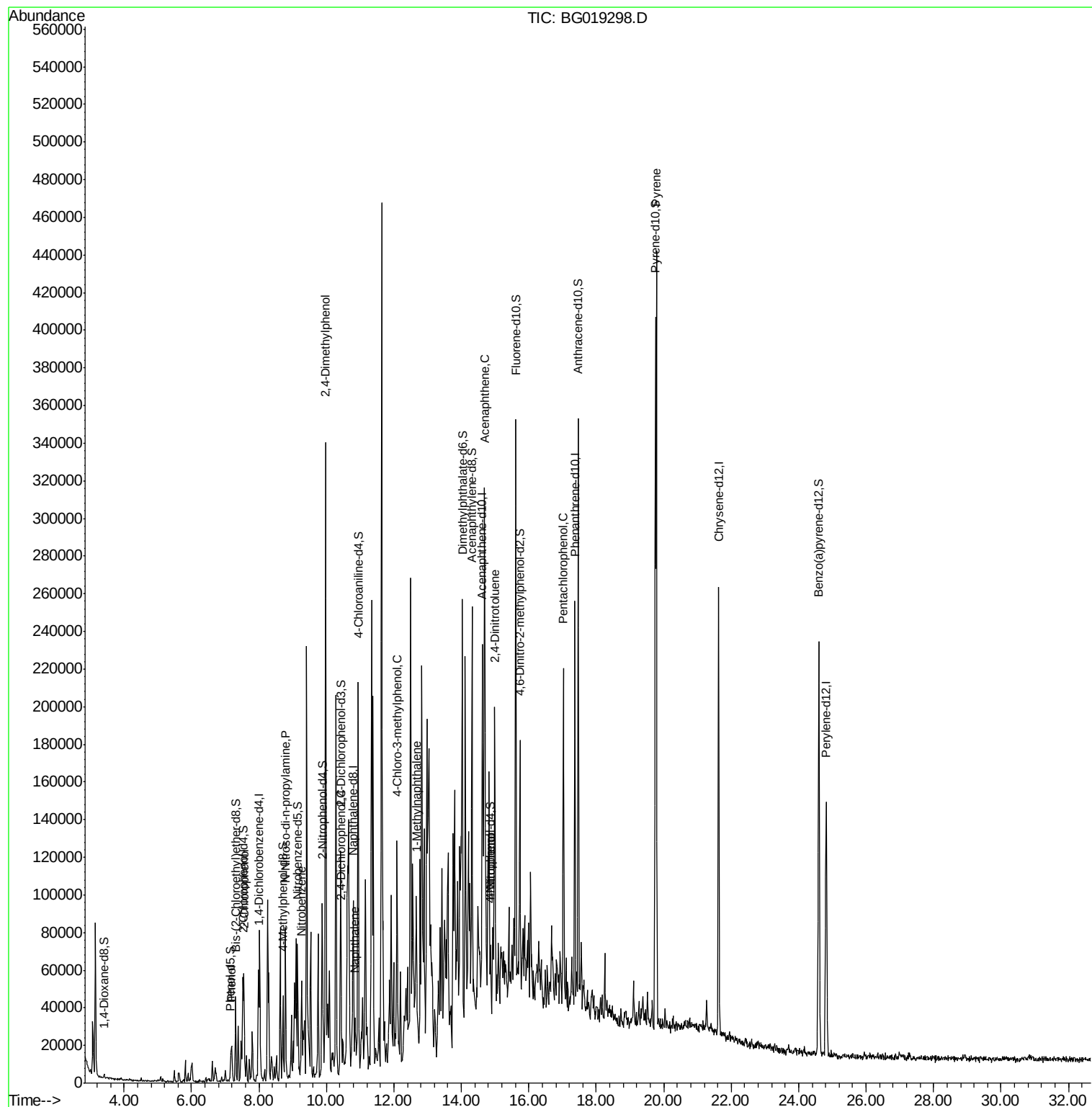
						Qvalue
6) Phenol	7.19	94	8152	6.12	ng/ul#	85
10) 2-Chlorophenol	7.56	128	22801	23.80	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.78	70	27317	29.20	ng/ul	94
20) Nitrobenzene	9.26	77	1863	1.32	ng/ul#	1
24) 2,4-Dimethylphenol	9.97	107	122318	86.64	ng/ul	88
27) 2,4-Dichlorophenol	10.44	162	2218	2.02	ng/ul#	59
28) Naphthalene	10.84	128	7213	2.06	ng/ul#	95
33) 4-Chloro-3-methylphenol	12.09	107	37421	27.08	ng/ul	88
35) 1-Methylnaphthalene	12.67	142	3984	1.46	ng/ul#	81
50) Acenaphthene	14.68	153	100585	26.35	ng/ul	96
53) 4-Nitrophenol	14.87	109	5378	5.72	ng/ul#	62
55) 2,4-Dinitrotoluene	14.99	165	39310	26.38	ng/ul	93
69) Pentachlorophenol	17.03	266	30224	36.81	ng/ul	93
80) Pyrene	19.78	202	253297	29.33	ng/ul#	88

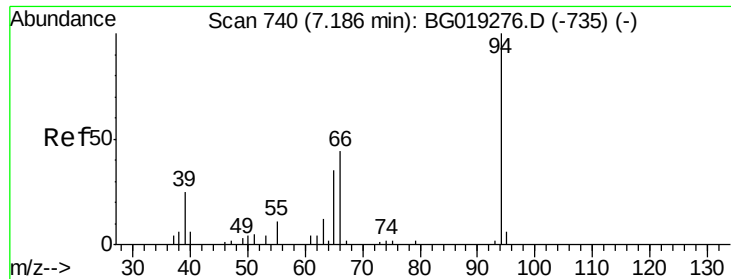
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 01:23:32 2015
Response via : Initial Calibration





#6

Phenol

Concen: 6.12 ng/ul

RT: 7.19 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG019298.D

Acq: 22 Oct 2015 2:25

Instrument :

BNA_G

ClientSampleId :

E5LQ0MSD

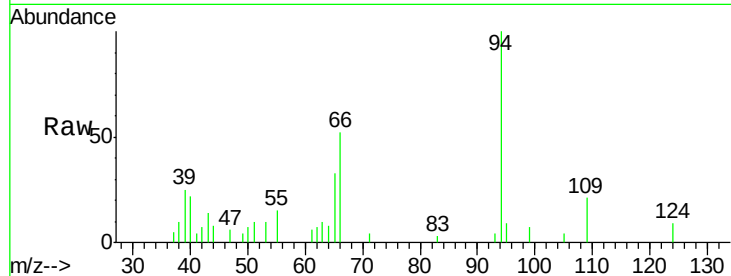
Tgt Ion: 94 Resp: 8152

Ion Ratio Lower Upper

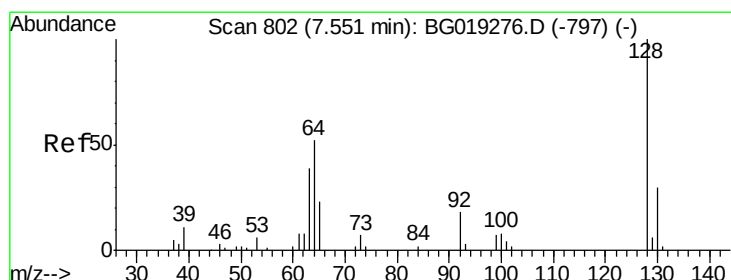
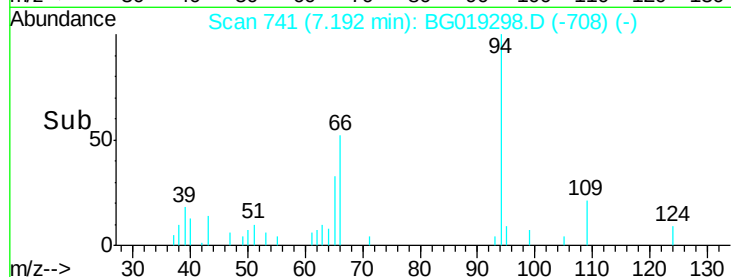
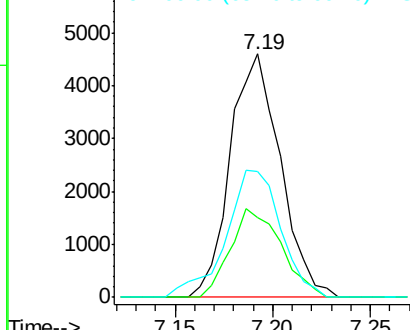
94 100

65 32.8 24.9 37.3

66 51.7 29.1 43.7#



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: 23.80 ng/ul

RT: 7.56 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG019298.D

Acq: 22 Oct 2015 2:25

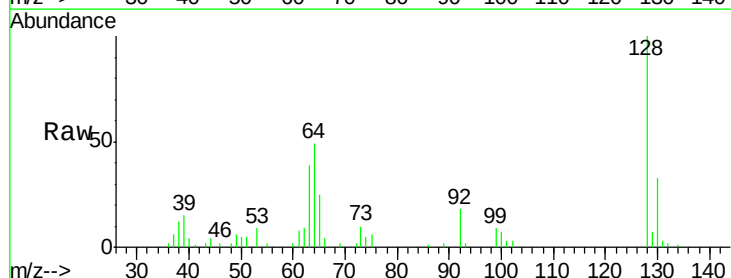
Tgt Ion: 128 Resp: 22801

Ion Ratio Lower Upper

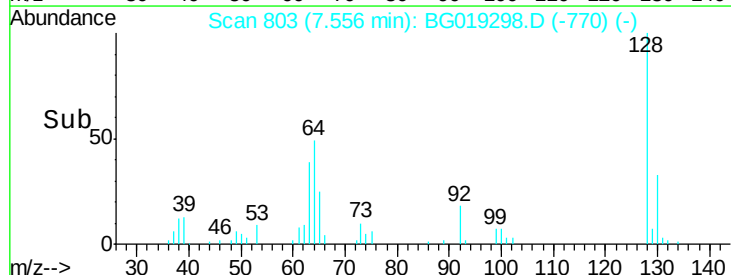
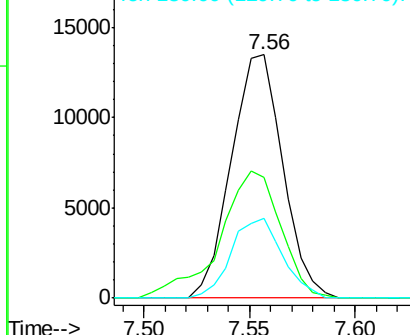
128 100

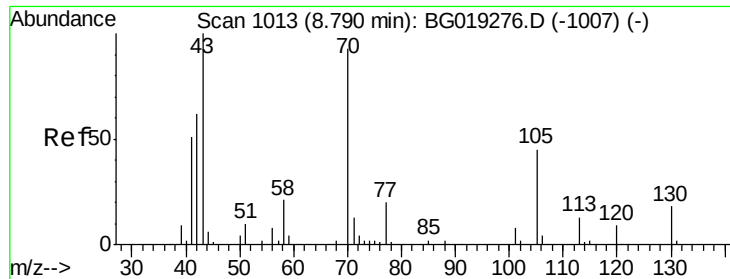
64 49.3 43.3 64.9

130 33.0 26.5 39.7



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

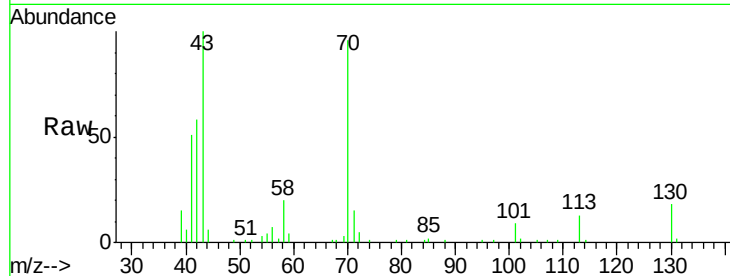




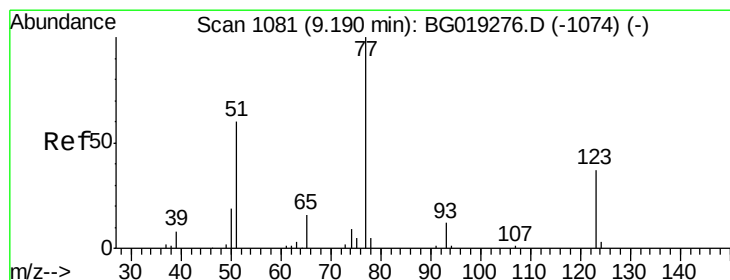
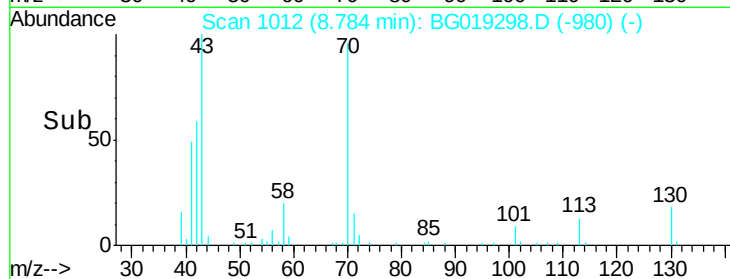
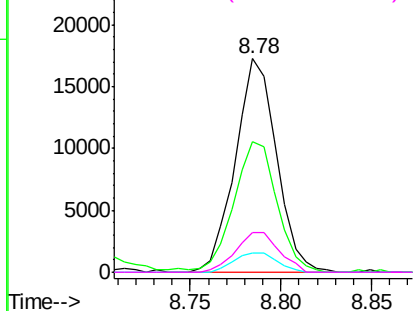
#15
N-Nitroso-di-n-propylamine
Concen: 29.20 ng/ul
RT: 8.78 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG019298.D
Acq: 22 Oct 2015 2:25

Instrument :
BNA_G
ClientSampleId :
E5LQ0MSD

Tgt Ion:	70	Resp:	27317
Ion	Ratio	Lower	Upper
70	100		
42	60.9	53.6	80.4
101	9.3	7.9	11.9
130	18.4	16.5	24.7

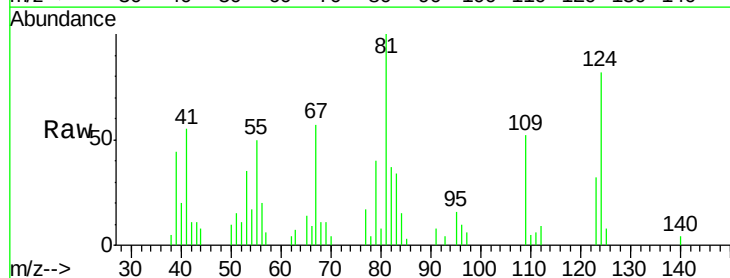


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

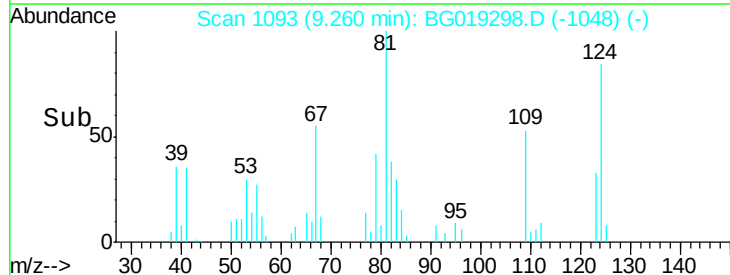
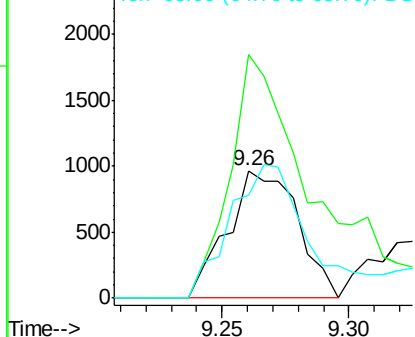


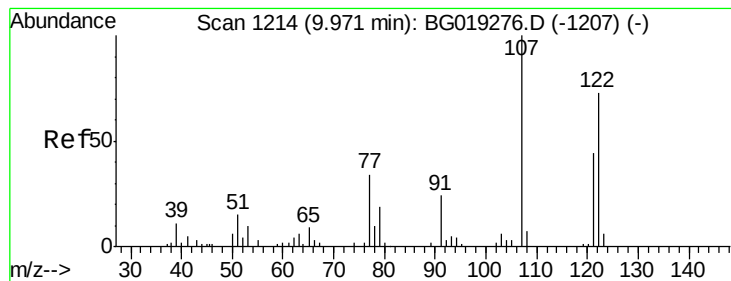
#20
Nitrobenzene
Concen: 1.32 ng/ul
RT: 9.26 min Scan# 1093
Delta R.T. 0.07 min
Lab File: BG019298.D
Acq: 22 Oct 2015 2:25

Tgt Ion:	77	Resp:	1863
Ion	Ratio	Lower	Upper
77	100		
123	190.6	32.6	48.8#
65	80.7	10.6	15.8#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#24

2,4-Dimethylphenol

Concen: 86.64 ng/ul

RT: 9.97 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BG019298.D

Acq: 22 Oct 2015 2:25

Instrument :

BNA_G

ClientSampleId :

E5LQ0MSD

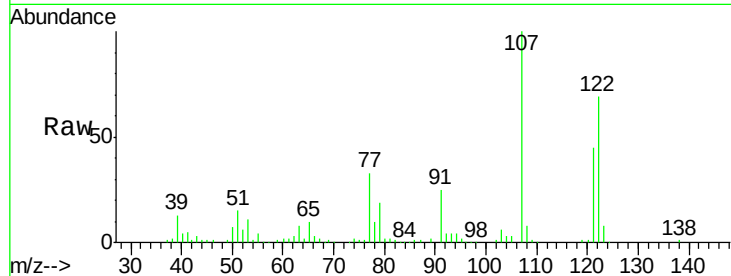
Tgt Ion:107 Resp: 122318

Ion Ratio Lower Upper

107 100

121 44.9 37.2 55.8

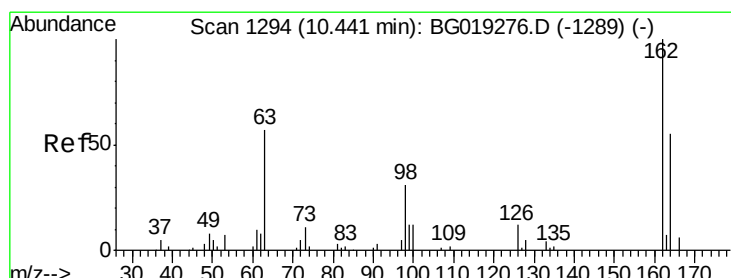
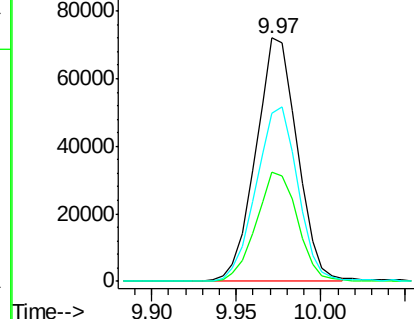
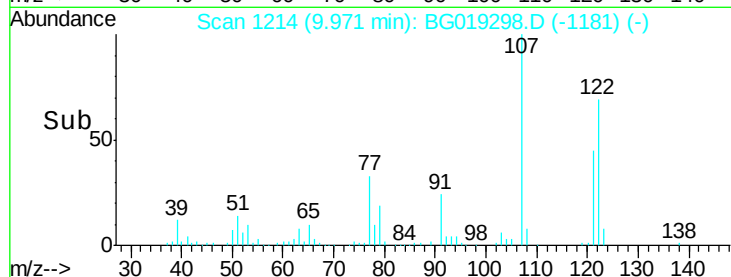
122 69.0 67.6 101.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#27

2,4-Dichlorophenol

Concen: 2.02 ng/ul

RT: 10.44 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG019298.D

Acq: 22 Oct 2015 2:25

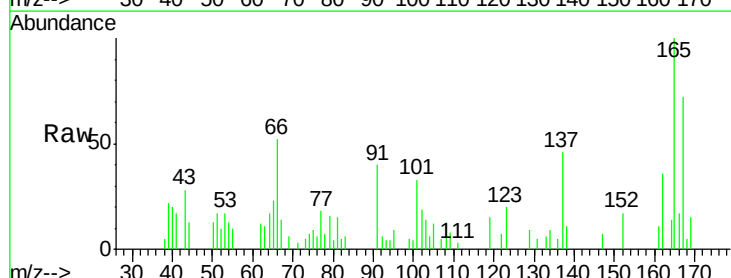
Tgt Ion:162 Resp: 2218

Ion Ratio Lower Upper

162 100

164 39.4 50.0 75.0#

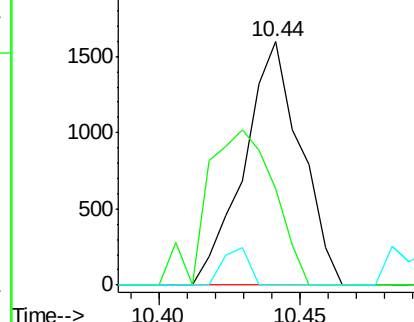
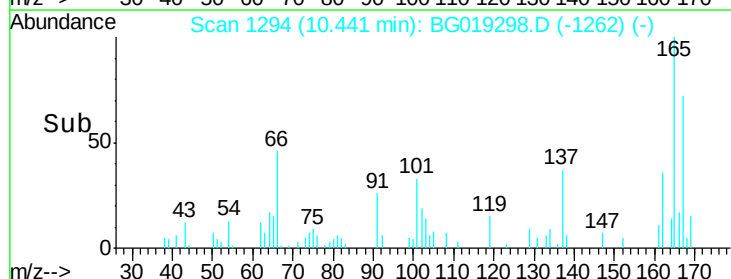
98 0.0 29.0 43.6#

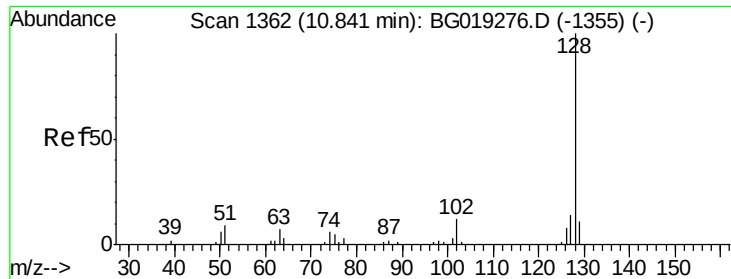


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BG

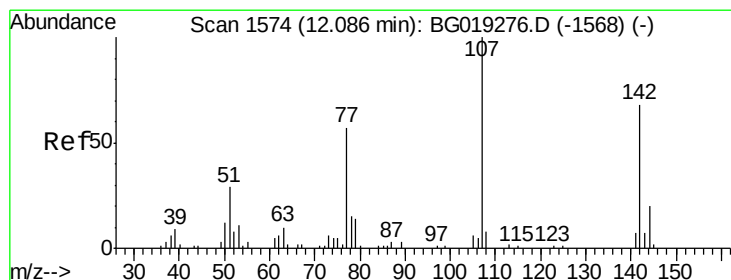
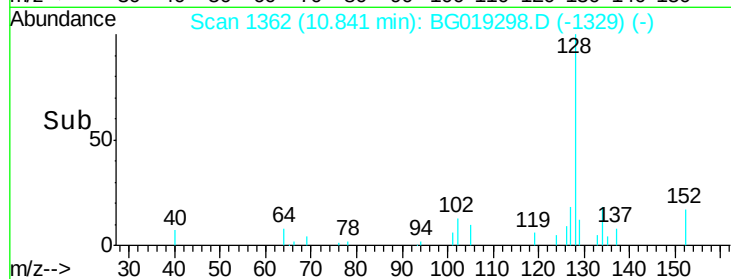
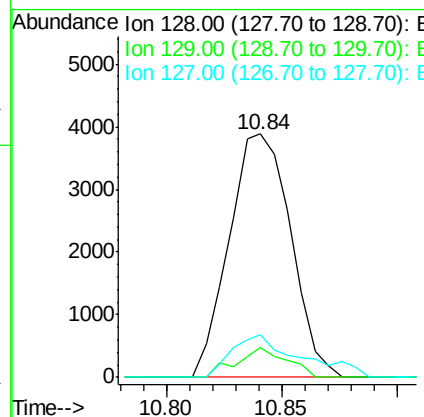
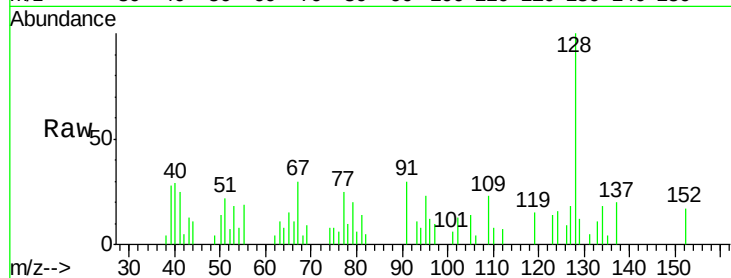




#28
Naphthalene
Concen: 2.06 ng/ul
RT: 10.84 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BG019298.D
Acq: 22 Oct 2015 2:25

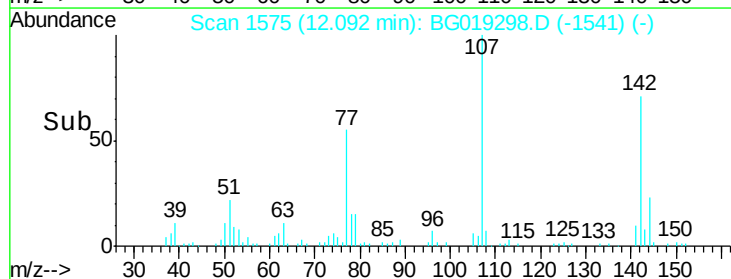
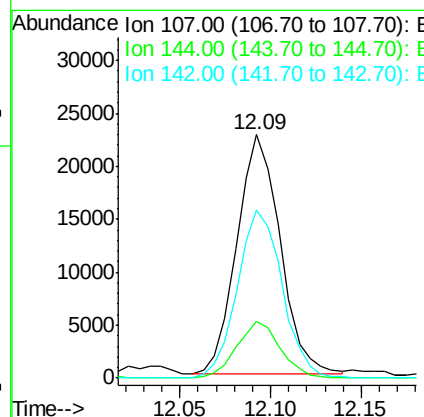
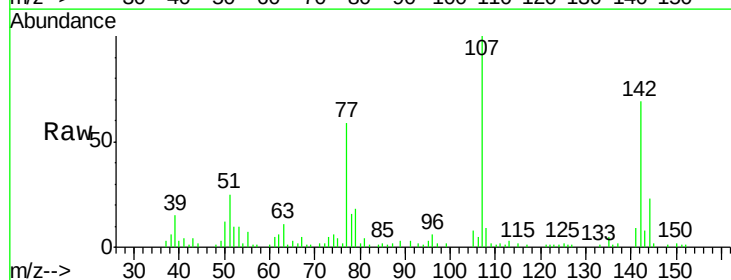
Instrument :
BNA_G
ClientSampleId :
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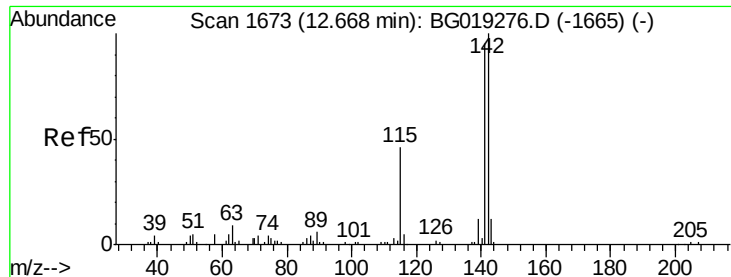
Tgt Ion:128 Resp: 7213
Ion Ratio Lower Upper
128 100
129 12.2 9.6 14.4
127 17.5 11.3 16.9#



#33
4-Chloro-3-methylphenol
Concen: 27.08 ng/ul
RT: 12.09 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BG019298.D
Acq: 22 Oct 2015 2:25

Tgt Ion:107 Resp: 37421
Ion Ratio Lower Upper
107 100
144 23.3 20.9 31.3
142 69.0 65.6 98.4

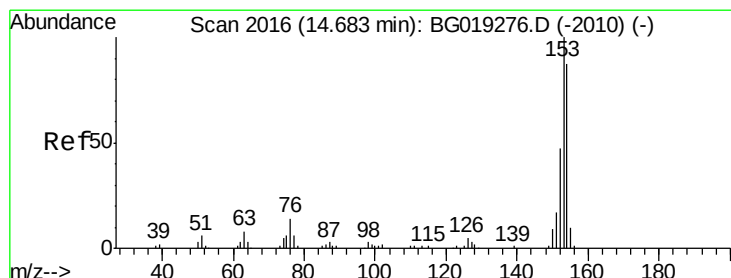
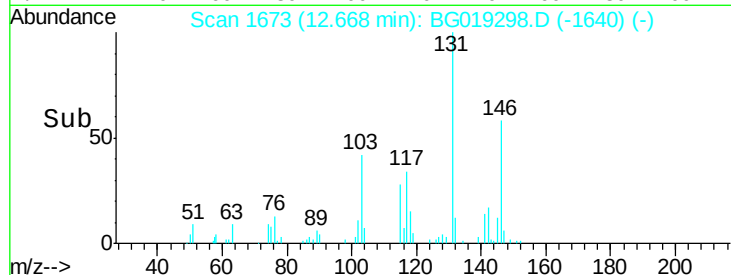
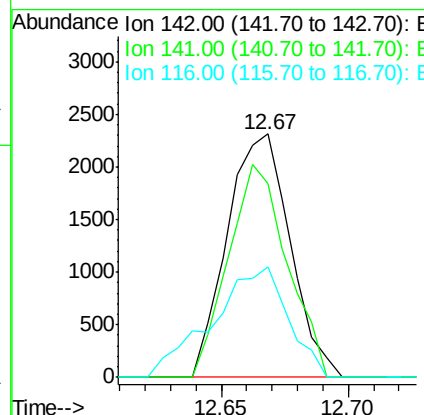
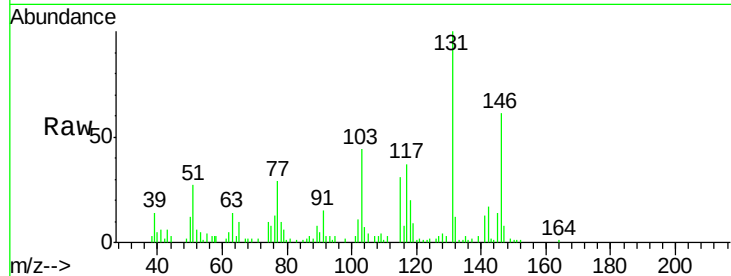




#35
 1-Methylnaphthalene
 Concen: 1.46 ng/ul
 RT: 12.67 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BG019298.D
 Acq: 22 Oct 2015 2:25

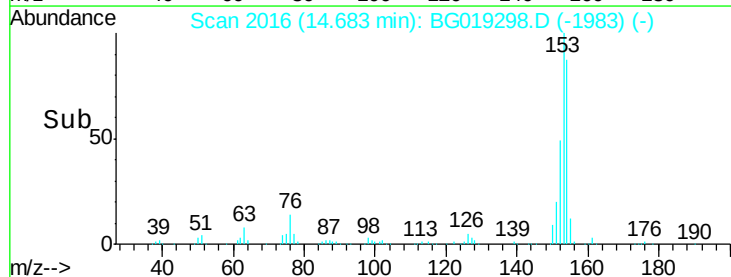
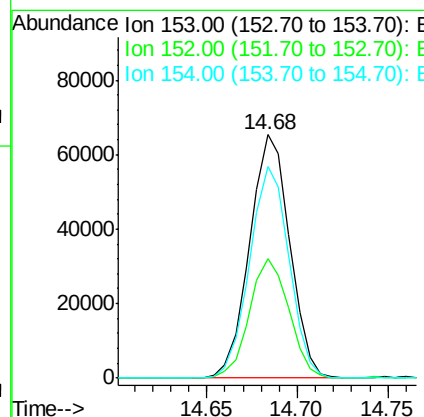
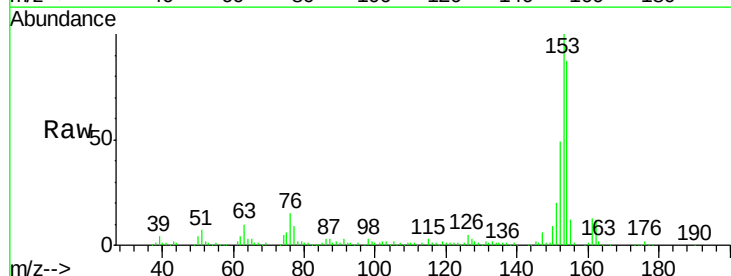
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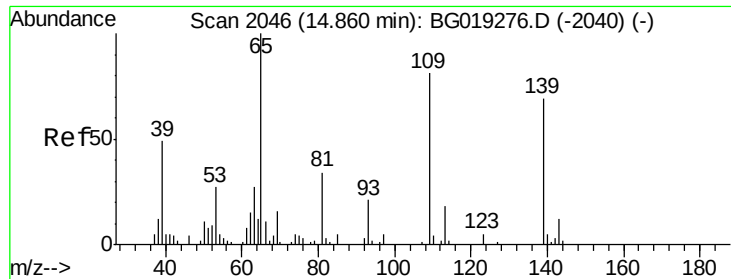
Tgt Ion:142 Resp: 3984
 Ion Ratio Lower Upper
 142 100
 141 79.6 74.8 112.2
 116 45.5 3.2 4.8#



#50
 Acenaphthene
 Concen: 26.35 ng/ul
 RT: 14.68 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BG019298.D
 Acq: 22 Oct 2015 2:25

Tgt Ion:153 Resp: 100585
 Ion Ratio Lower Upper
 153 100
 152 49.1 36.2 54.2
 154 86.9 67.5 101.3





#53

4-Nitrophenol

Concen: 5.72 ng/ul

RT: 14.87 min Scan# 2048

Delta R.T. 0.01 min

Lab File: BG019298.D

Acq: 22 Oct 2015 2:25

Instrument :

BNA_G

ClientSampleId :

E5LQ0MSD

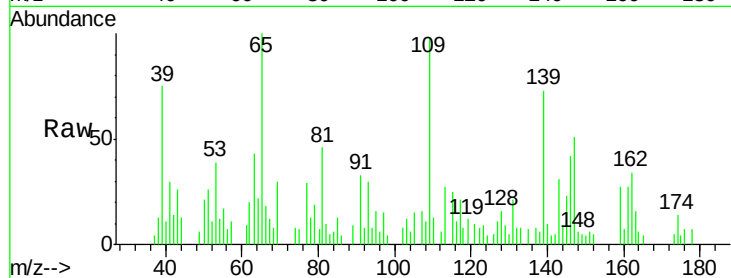
Tgt Ion:109 Resp: 5378

Ion Ratio Lower Upper

109 100

139 75.0 97.9 146.9#

65 102.3 117.4 176.0#

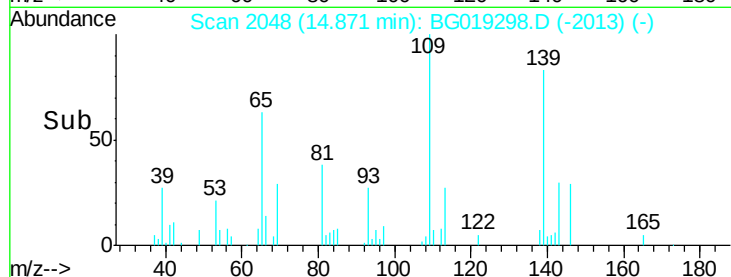


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E

Time--> 14.80 14.85 14.90

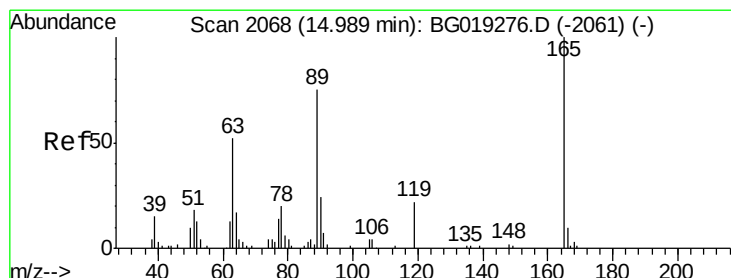


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E

Time--> 14.80 14.85 14.90



#55

2,4-Dinitrotoluene

Concen: 26.38 ng/ul

RT: 14.99 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BG019298.D

Acq: 22 Oct 2015 2:25

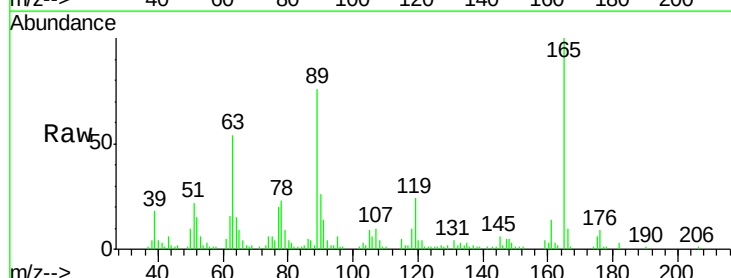
Tgt Ion:165 Resp: 39310

Ion Ratio Lower Upper

165 100

63 54.5 39.5 59.3

182 2.9 2.2 3.2

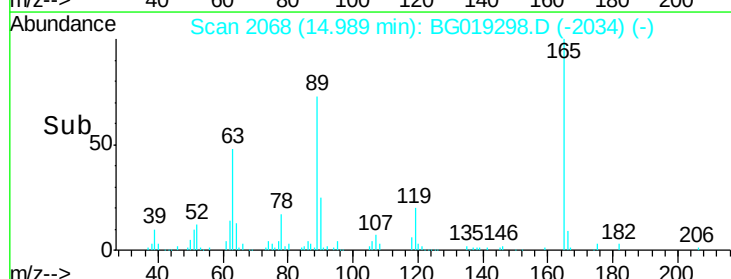


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 182.00 (181.70 to 182.70): E

Time--> 14.95 15.00

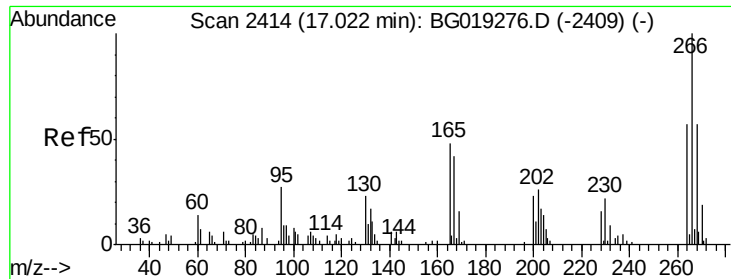


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 182.00 (181.70 to 182.70): E

Time--> 14.95 15.00



#69

Pentachlorophenol

Concen: 36.81 ng/ul

RT: 17.03 min Scan# 2415

Delta R.T. 0.00 min

Lab File: BG019298.D

Acq: 22 Oct 2015 2:25

Instrument :

BNA_G

ClientSampleId :

E5LQ0MSD

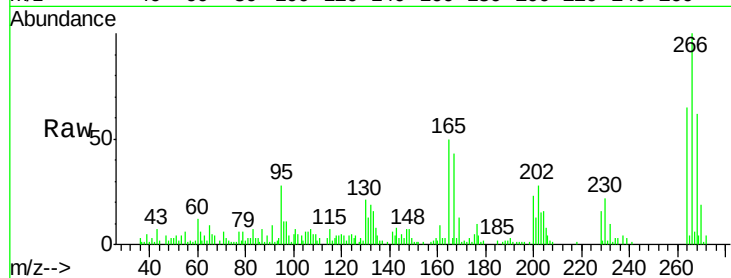
Tgt Ion:266 Resp: 30224

Ion Ratio Lower Upper

266 100

264 64.6 49.0 73.6

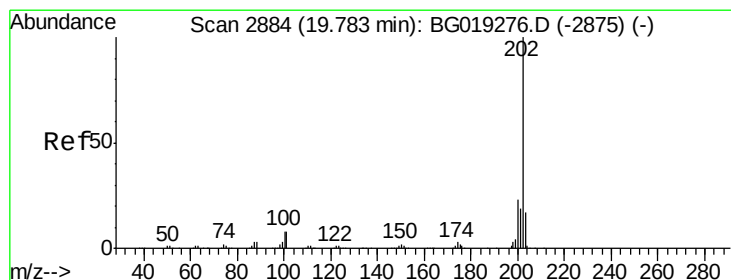
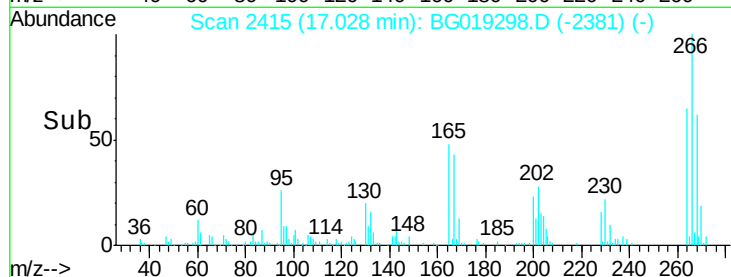
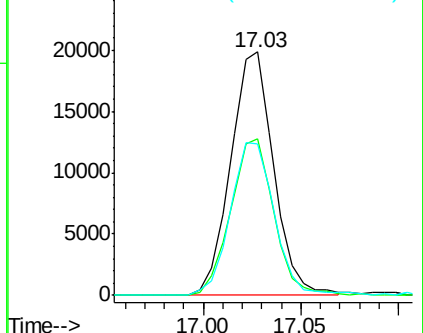
268 62.0 55.6 83.4



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: 29.33 ng/ul

RT: 19.78 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG019298.D

Acq: 22 Oct 2015 2:25

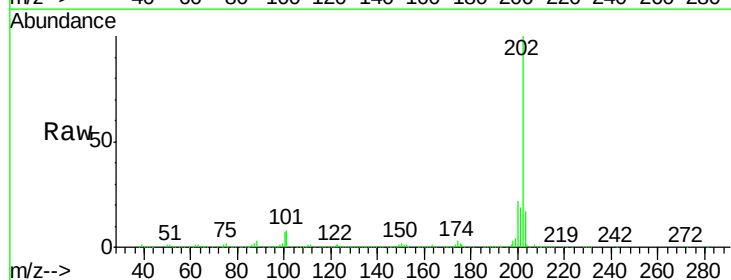
Tgt Ion:202 Resp: 253297

Ion Ratio Lower Upper

202 100

101 7.8 10.2 15.2#

100 6.6 8.5 12.7#



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

