

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112015\
 Data File : BG019771.D
 Acq On : 22 Nov 2015 2:46
 Operator : UM/NP
 Sample : G4310-22MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9KL3MSD

Quant Time: Nov 23 00:40:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 00:37:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	23886	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	89145	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.75	164	70838	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.50	188	208116	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	281350	20.00	ng/ul	0.00
86) Perylene-d12	25.06	264	268734	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	3521	6.29	ng/uL	0.00
5) Phenol-d5	7.26	99	79600	32.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	51633	32.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	52560	33.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	60390	29.81	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	26512	36.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	31266	37.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	64400	36.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	62702	37.08	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	230191	35.93	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	253835	36.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.95	143	39609	39.24	ng/ul	0.00
58) Fluorene-d10	15.74	176	209964	36.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	47841	35.59	ng/ul	0.00
71) Anthracene-d10	17.60	188	373413	36.96	ng/ul	0.00
79) Pyrene-d10	19.87	212	482635	37.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.84	264	526784	37.55	ng/ul	0.01

Target Compounds

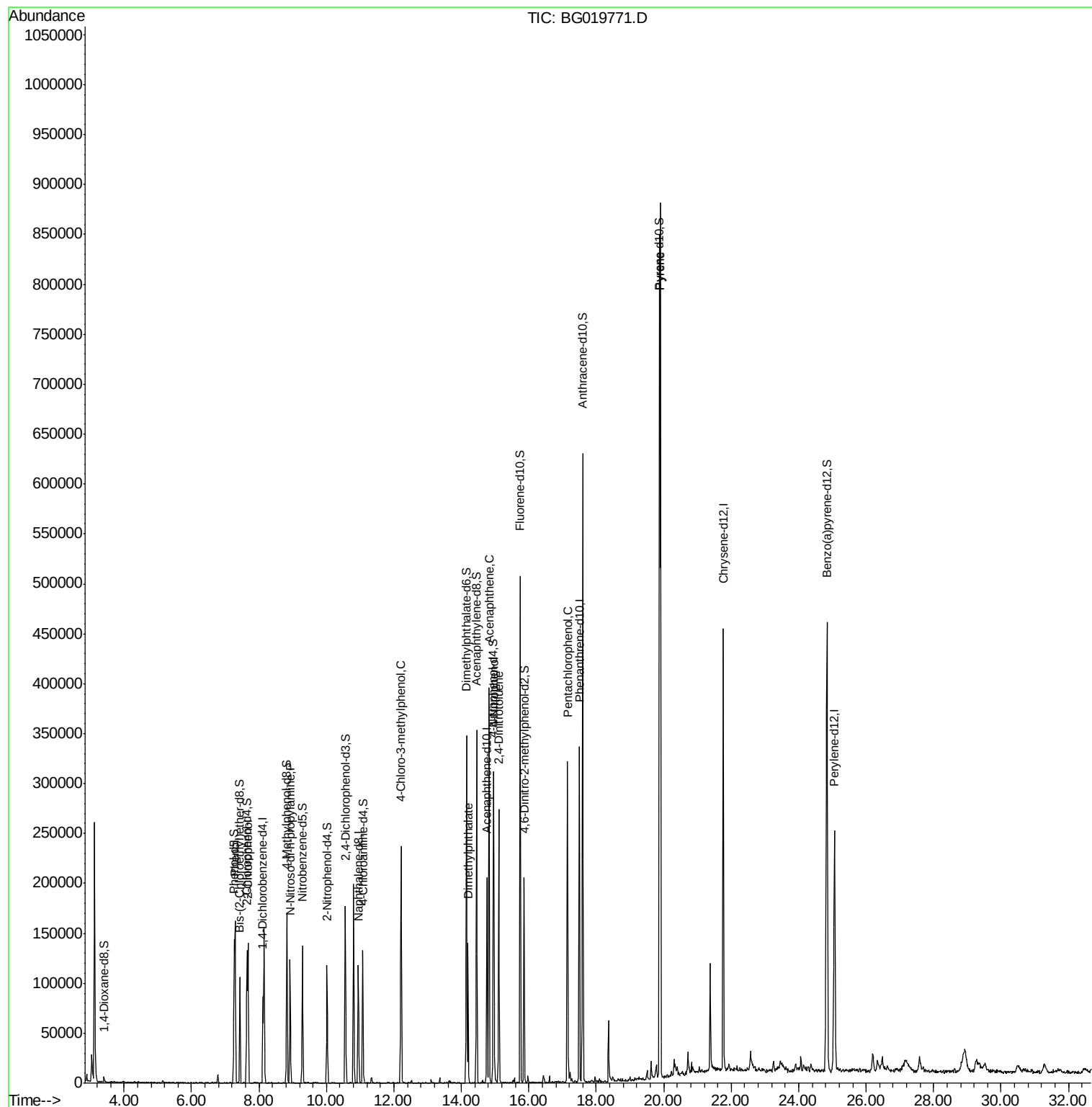
						Qvalue
6) Phenol	7.29	94	88493	33.49	ng/ul	98
10) 2-Chlorophenol	7.67	128	52420	34.19	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.92	70	61720	27.29	ng/ul#	95
33) 4-Chloro-3-methylphenol	12.21	107	91572	38.72	ng/ul	93
45) Dimethylphthalate	14.19	163	87200	13.73	ng/ul	99
50) Acenaphthene	14.82	153	157499	33.19	ng/ul	98
53) 4-Nitrophenol	14.96	109	50291	40.88	ng/ul	96
55) 2,4-Dinitrotoluene	15.11	165	72606	36.73	ng/ul#	93
69) Pentachlorophenol	17.14	266	60705	41.10	ng/ul	96
80) Pyrene	19.90	202	539055	32.81	ng/ul	98

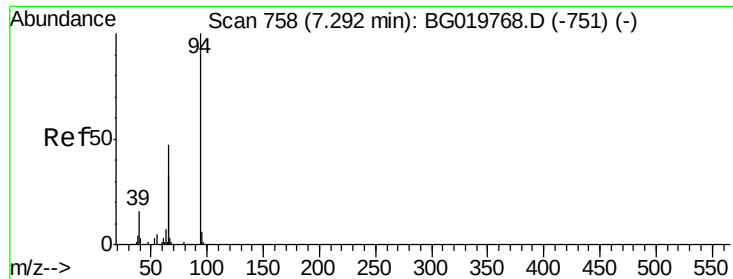
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 33.49 ng/ul

RT: 7.29 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG019771.D

Acq: 22 Nov 2015 2:46

Instrument :

BNA_G

ClientSampleId :

D9KL3MSD

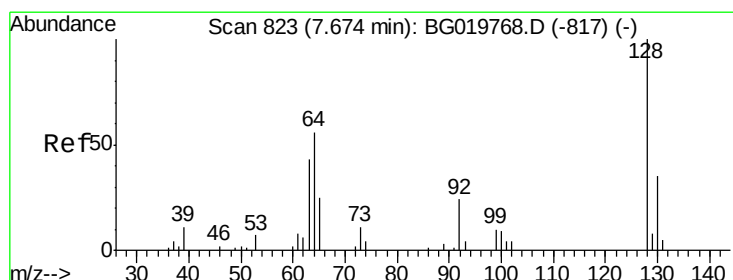
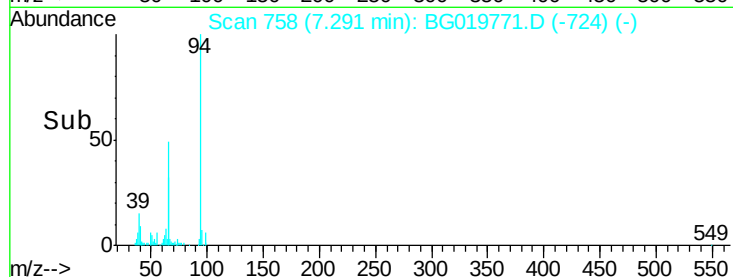
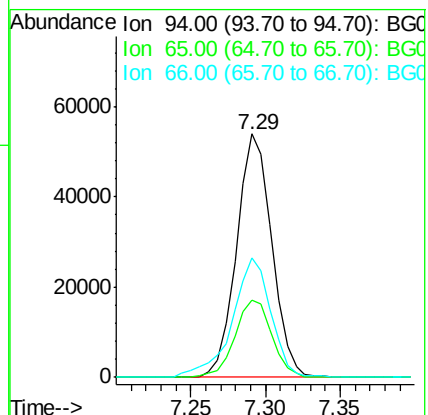
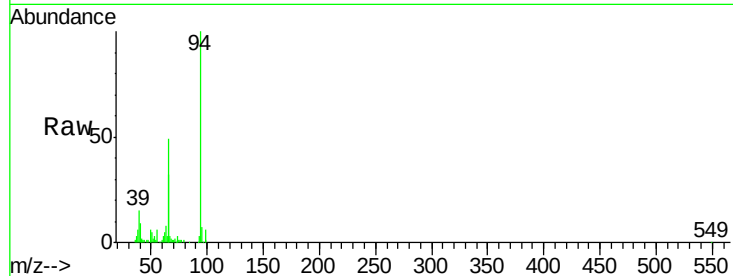
Tgt Ion: 94 Resp: 88493

Ion Ratio Lower Upper

94 100

65 31.5 27.4 41.0

66 49.2 39.0 58.6



#10

2-Chlorophenol

Concen: 34.19 ng/ul

RT: 7.67 min Scan# 823

Delta R.T. -0.00 min

Lab File: BG019771.D

Acq: 22 Nov 2015 2:46

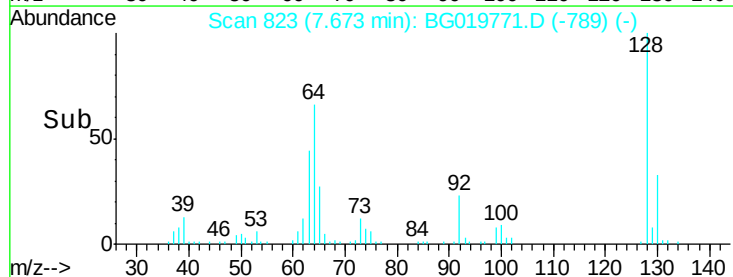
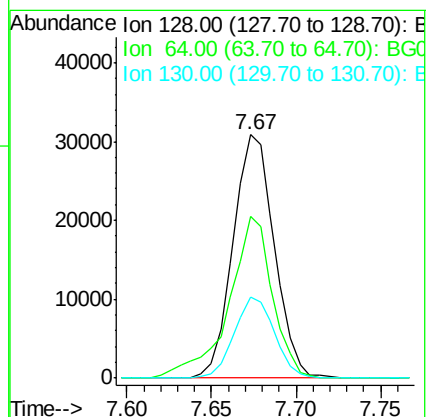
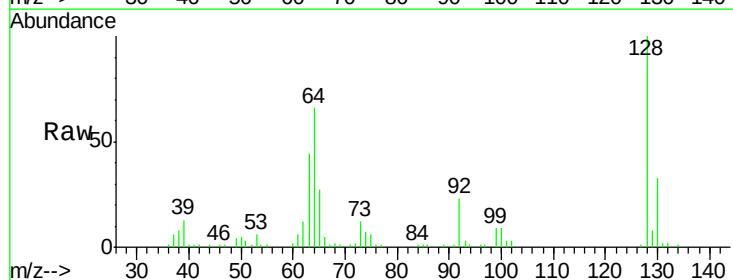
Tgt Ion: 128 Resp: 52420

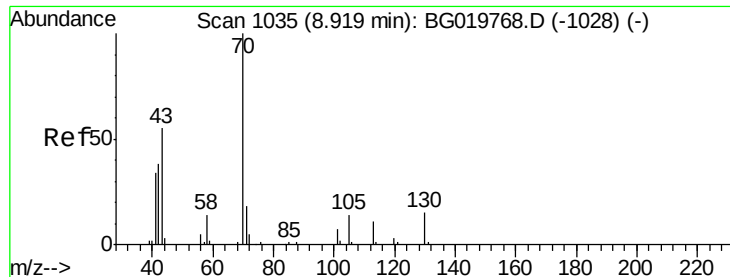
Ion Ratio Lower Upper

128 100

64 66.3 59.4 89.0

130 33.1 28.9 43.3

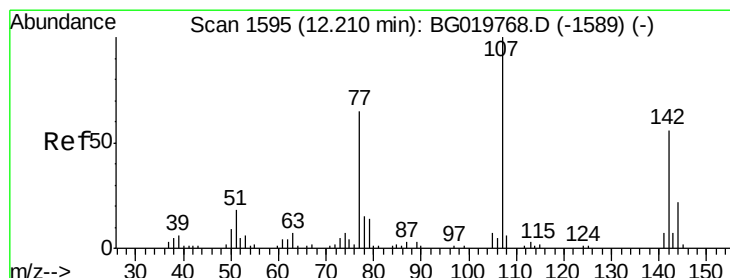
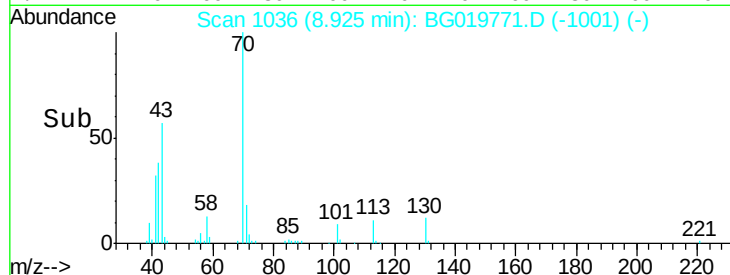
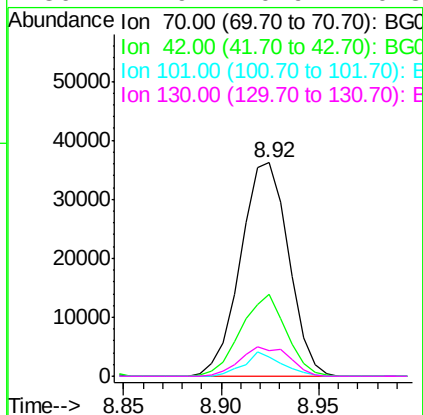
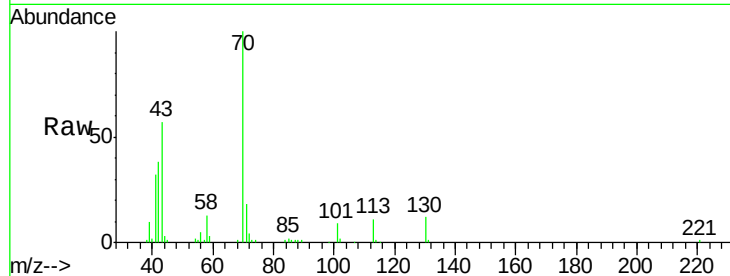




#15
N-Nitroso-di-n-propylamine
Concen: 27.29 ng/ul
RT: 8.92 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BG019771.D
Acq: 22 Nov 2015 2:46

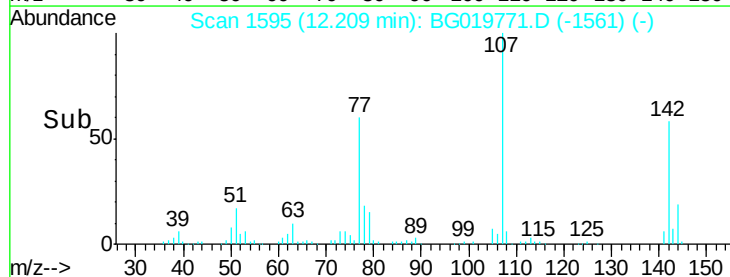
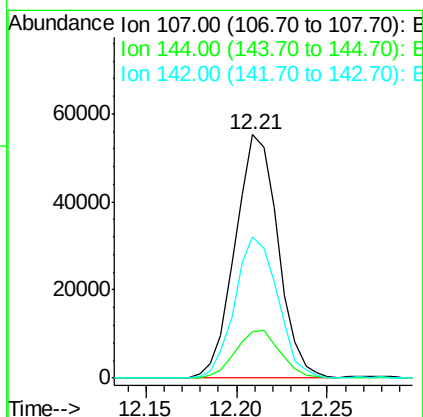
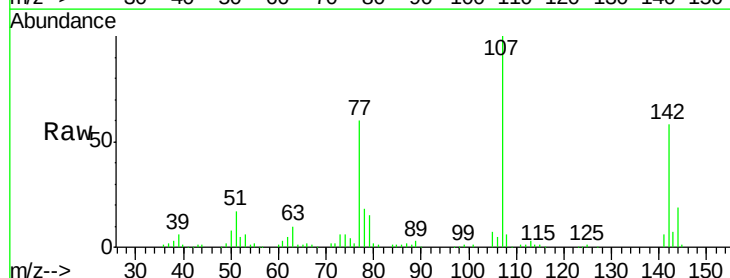
Instrument :
BNA_G
ClientSampleId :
D9KL3MSD

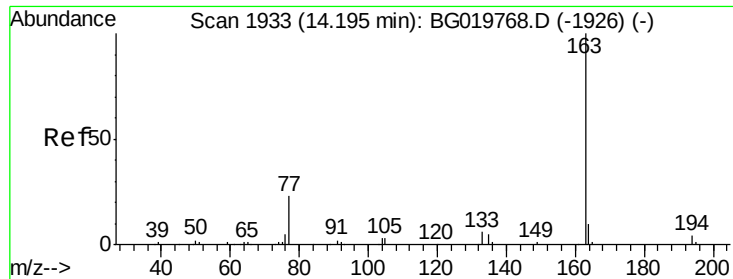
Tgt Ion:	70	Resp:	61720
Ion	Ratio	Lower	Upper
70	100		
42	38.1	28.4	42.6
101	8.8	5.3	7.9#
130	11.9	10.9	16.3



#33
4-Chloro-3-methylphenol
Concen: 38.72 ng/ul
RT: 12.21 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG019771.D
Acq: 22 Nov 2015 2:46

Tgt Ion:	107	Resp:	91572
Ion	Ratio	Lower	Upper
107	100		
144	18.9	18.2	27.2
142	57.9	50.1	75.1

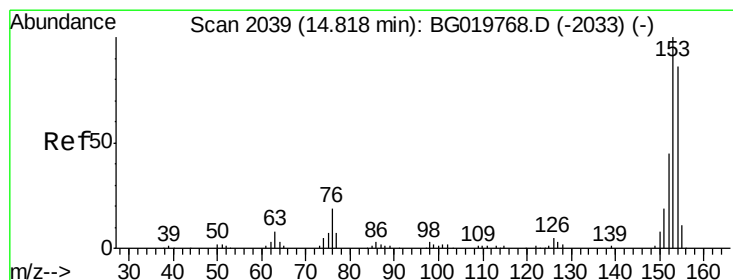
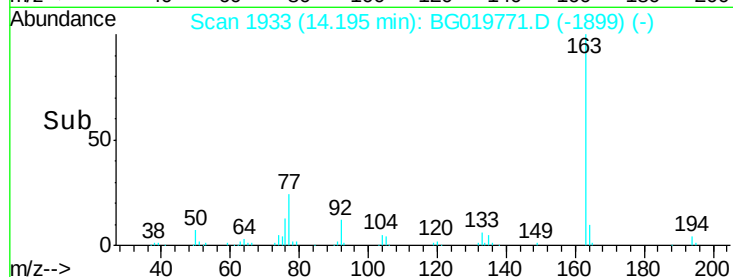
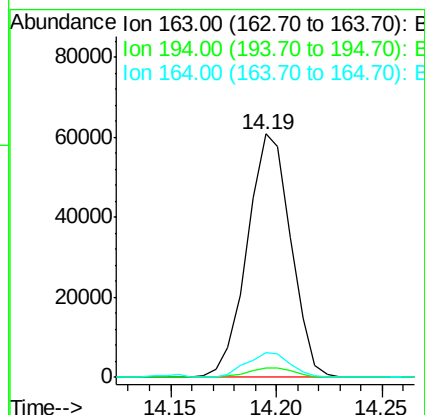
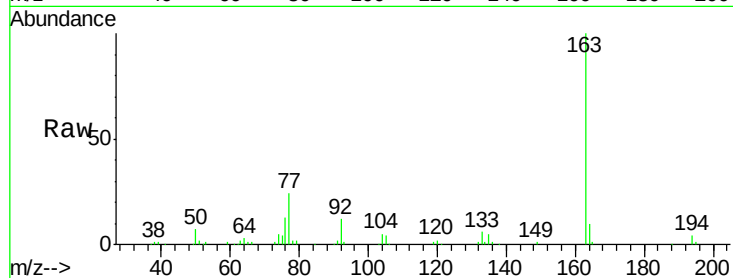




#45
Dimethylphthalate
Concen: 13.73 ng/ul
RT: 14.19 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG019771.D
Acq: 22 Nov 2015 2:46

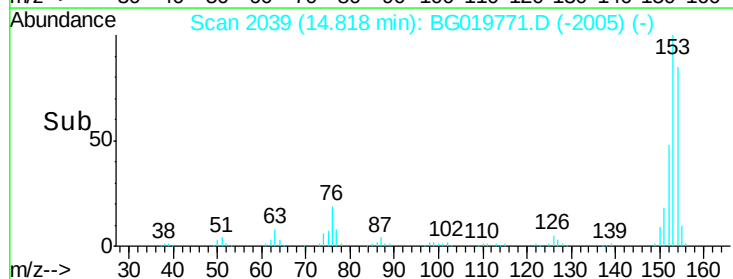
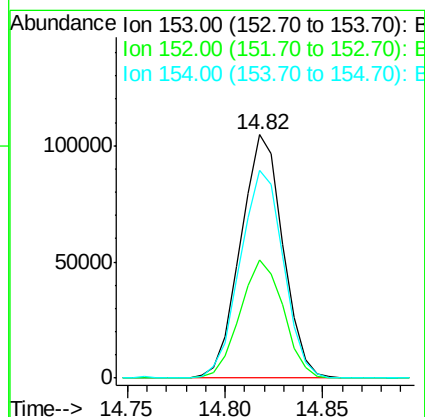
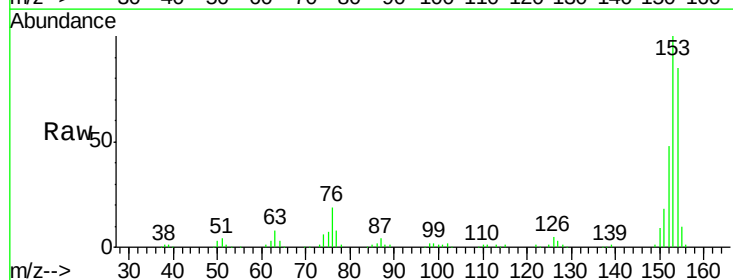
Instrument :
BNA_G
ClientSampleId :
D9KL3MSD

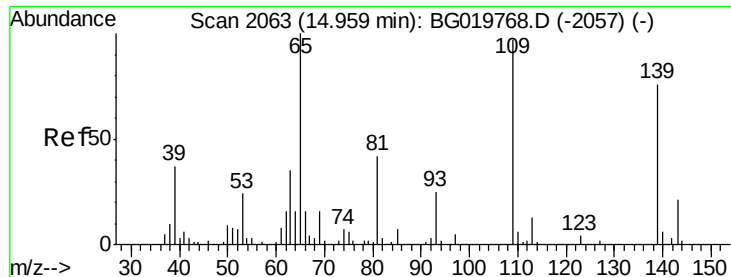
Tgt Ion:163 Resp: 87200
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 10.2 8.3 12.5



#50
Acenaphthene
Concen: 33.19 ng/ul
RT: 14.82 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG019771.D
Acq: 22 Nov 2015 2:46

Tgt Ion:153 Resp: 157499
Ion Ratio Lower Upper
153 100
152 48.4 40.9 61.3
154 85.4 69.1 103.7





#53

4-Nitrophenol

Concen: 40.88 ng/ul

RT: 14.96 min Scan# 2064

Delta R.T. 0.01 min

Lab File: BG019771.D

Acq: 22 Nov 2015 2:46

Instrument :

BNA_G

ClientSampled :

D9KL3MSD

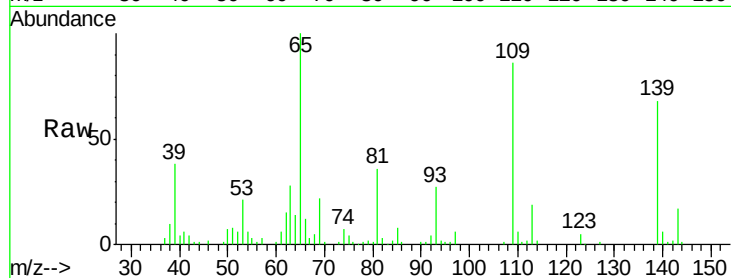
Tgt Ion:109 Resp: 50291

Ion Ratio Lower Upper

109 100

139 78.7 67.8 101.6

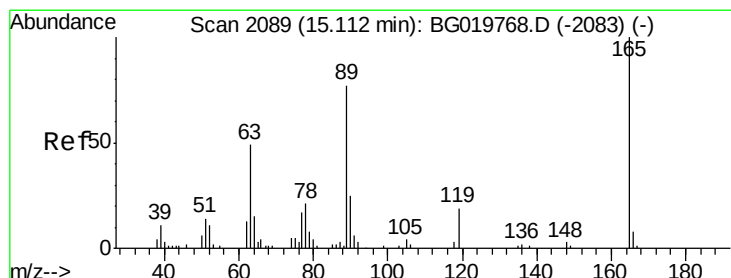
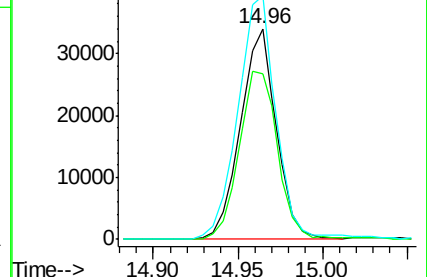
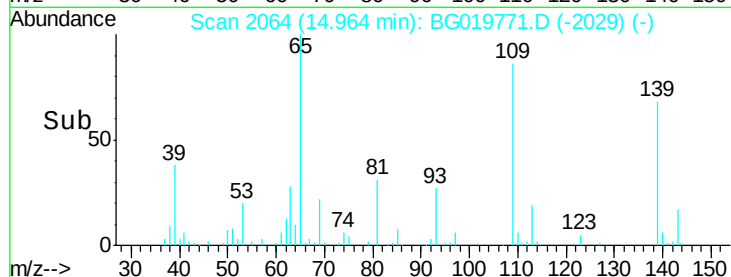
65 115.7 94.5 141.7



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: 36.73 ng/ul

RT: 15.11 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BG019771.D

Acq: 22 Nov 2015 2:46

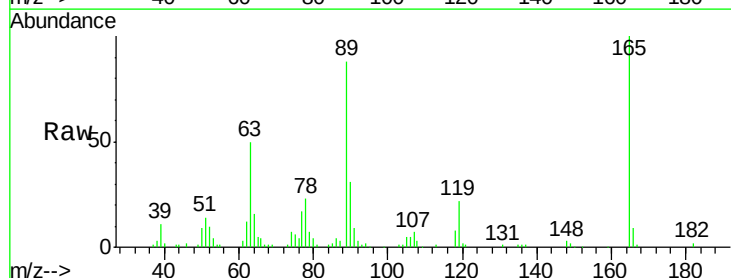
Tgt Ion:165 Resp: 72606

Ion Ratio Lower Upper

165 100

63 50.0 44.2 66.2

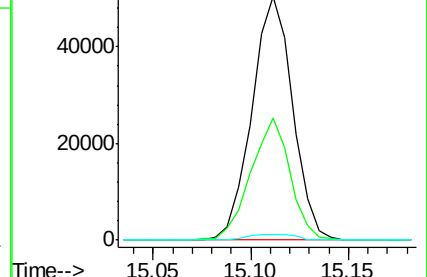
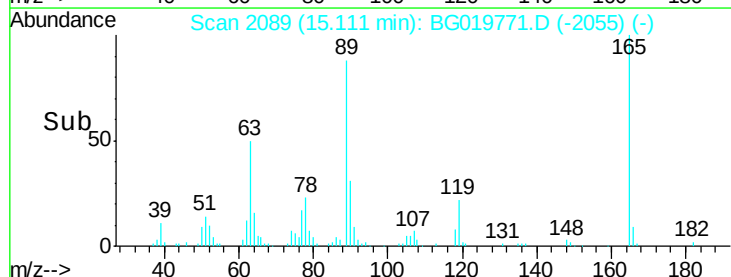
182 2.3 2.6 3.8#

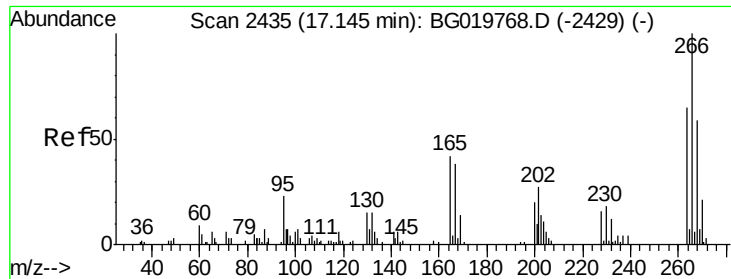


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 41.10 ng/ul

RT: 17.14 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG019771.D

Acq: 22 Nov 2015 2:46

Instrument :

BNA_G

ClientSampleId :

D9KL3MSD

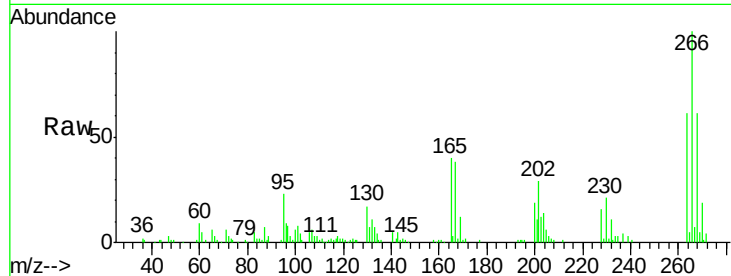
Tgt Ion:266 Resp: 60705

Ion Ratio Lower Upper

266 100

264 60.8 51.8 77.8

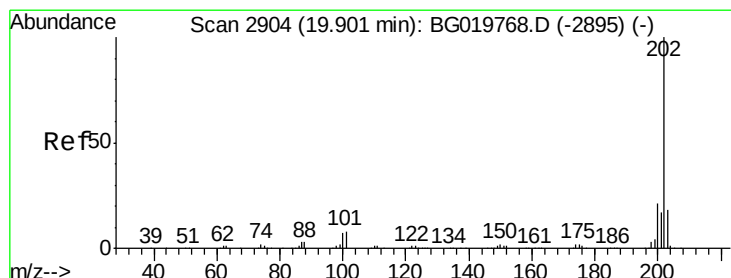
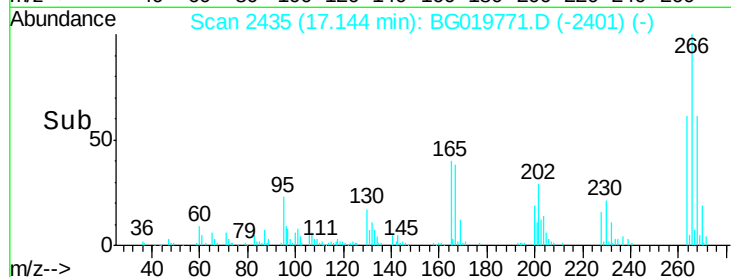
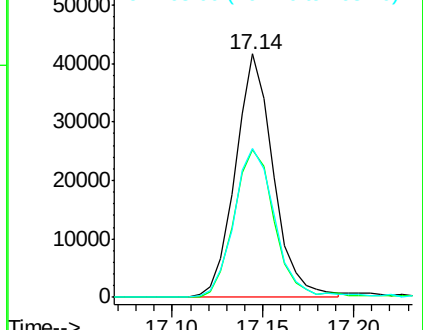
268 61.0 46.8 70.2



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: 32.81 ng/ul

RT: 19.90 min Scan# 2904

Delta R.T. -0.00 min

Lab File: BG019771.D

Acq: 22 Nov 2015 2:46

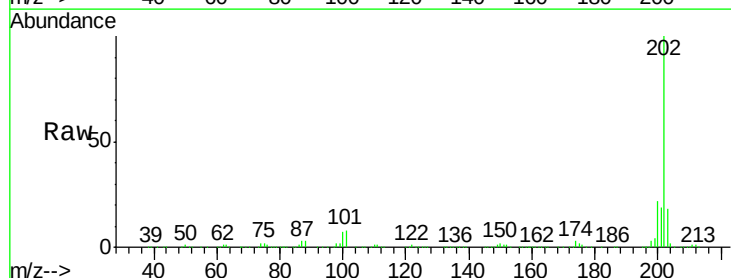
Tgt Ion:202 Resp: 539055

Ion Ratio Lower Upper

202 100

101 8.2 7.0 10.6

100 7.4 6.6 10.0



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

