

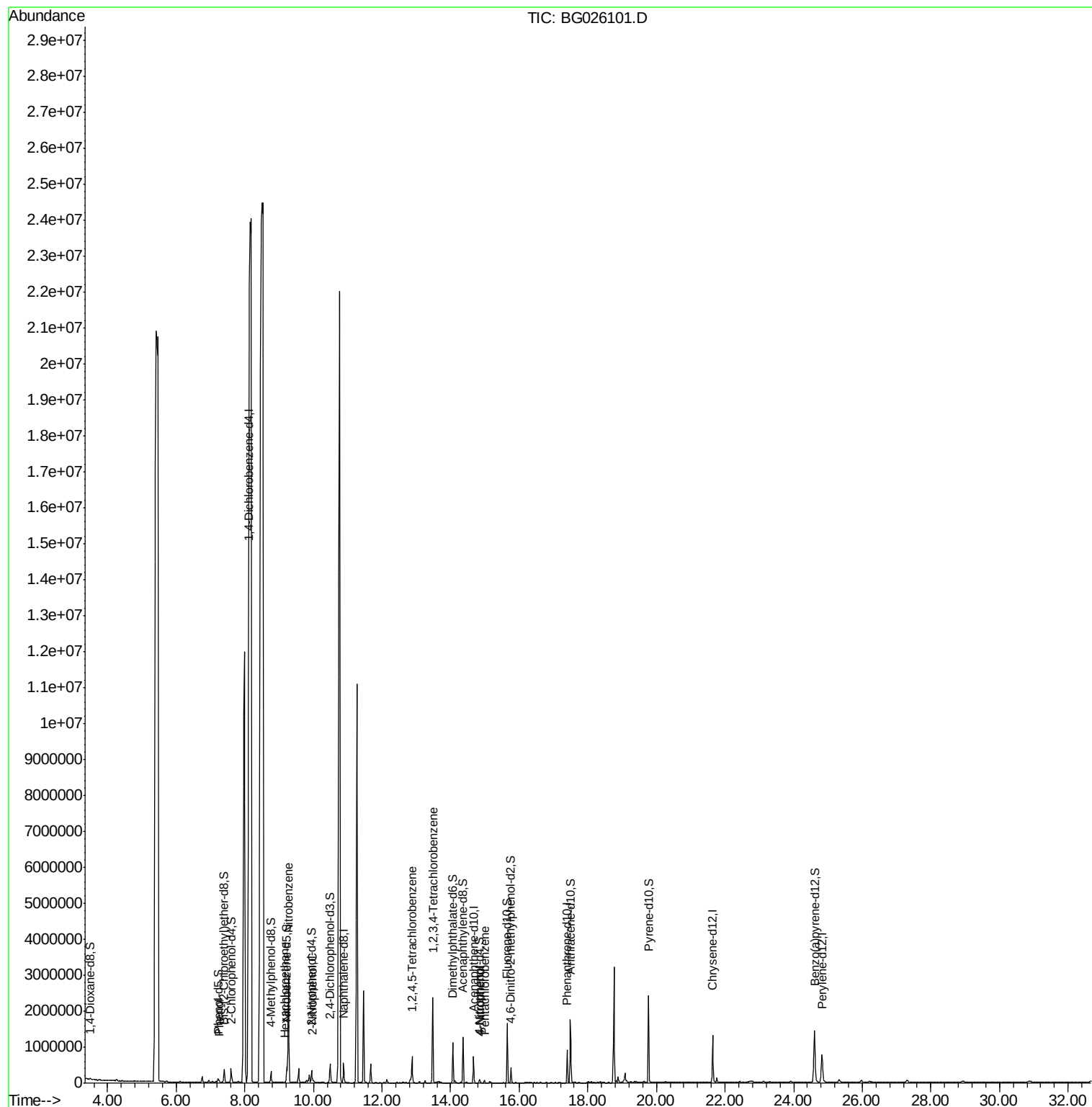
Data Path : Z:\HPCHEM1\BNA G\DATA\BG030717\
Data File : BG026101.D
Acq On : 7 Mar 2017 18:52
Operator : SJ/MA
Sample : I2095-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BC1

Quant Time: Mar 08 11:58:15 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 16:02:09 2017
Response via : Initial Calibration

Manual Integrations
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3/8/2017 1:47:55 PM



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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	104279m	20.00	ng/ul	0.03
18) Naphthalene-d8	10.88	136	451870	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.67	164	247306	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.40	188	583354	20.00	ng/ul	0.00
77) Chrysene-d12	21.64	240	799632	20.00	ng/ul	0.00
85) Perylene-d12	24.82	264	800117	20.00	ng/ul	0.00

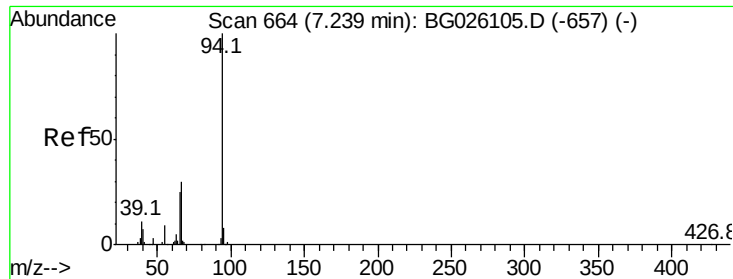
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	14326	5.91	ng/uL	0.00
5) Phenol-d5	7.22	99	71217	9.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	203226	41.53	ng/ul	0.01
9) 2-Chlorophenol-d4	7.60	132	224307	35.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	126653	20.91	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	139737	42.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	138707	51.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	234414	39.11	ng/ul	0.01
29) 4-Chloroaniline-d4	11.00	131	777	0.09	ng/ul	0.01
43) Dimethylphthalate-d6	14.07	166	759180	47.19	ng/ul	0.00
46) Acenaphthylene-d8	14.36	160	967486	44.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	26489	8.36	ng/ul	0.00
57) Fluorene-d10	15.65	176	696988	43.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	104704	38.25	ng/ul	0.00
70) Anthracene-d10	17.49	188	1068786	40.37	ng/ul	0.00
78) Pyrene-d10	19.77	212	1272576	38.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.61	264	1430521	40.56	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.25	94	23019	2.87	ng/ul#	90
17) Hexachloroethane	9.17	117	2560	1.01	ng/ul	93
20) Nitrobenzene	9.27	77	1757435	254.16	ng/ul	95
23) 2-Nitrophenol	9.98	139	22372	7.85	ng/ul	95
36) 1,2,4,5-Tetrachlorobenzene	12.87	216	296460	42.41	ng/ul	98
52) 4-Nitrophenol	14.85	109	2417	1.32	ng/ul#	87
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	808802	115.89	ng/uL	97
73) Pentachlorobenzene	14.98	250	22796	3.19	ng/uL	94

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



#6

Phenol

Concen: 2.87 ng/ul

RT: 7.25 min Scan# 666

Delta R.T. 0.01 min

Lab File: BG026101.D

Acq: 7 Mar 2017 18:52

Instrument :

BNA_G

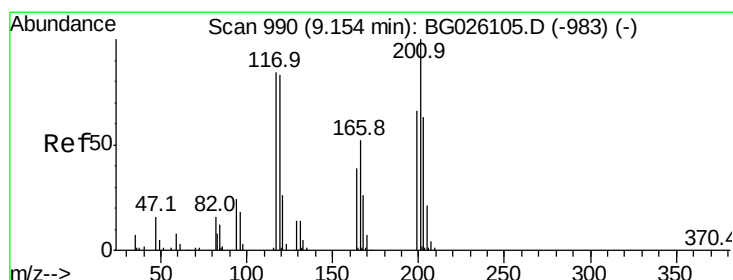
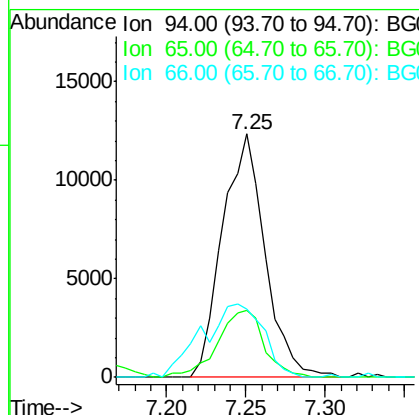
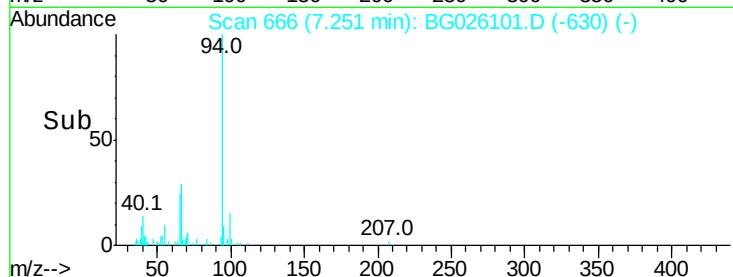
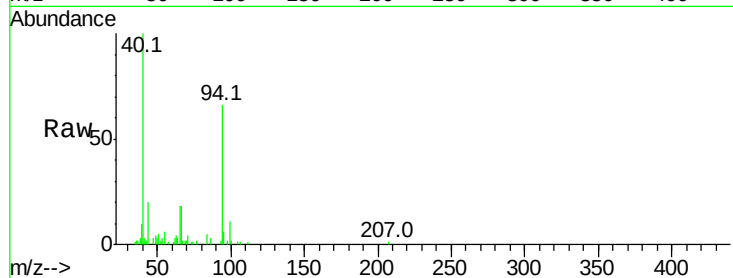
ClientSampleId :

C0BC1

Tot Ion	Ratio	Lower	Upper
94	100		
65	27.7	21.0	31.6
66	27.9	29.3	43.9

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#17

Hexachloroethane

Concen: 1.01 ng/ul

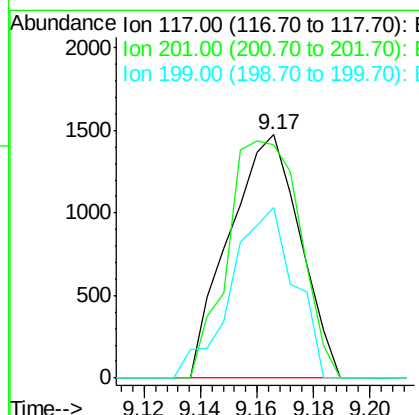
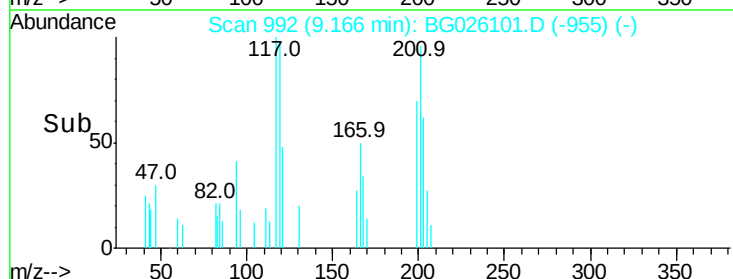
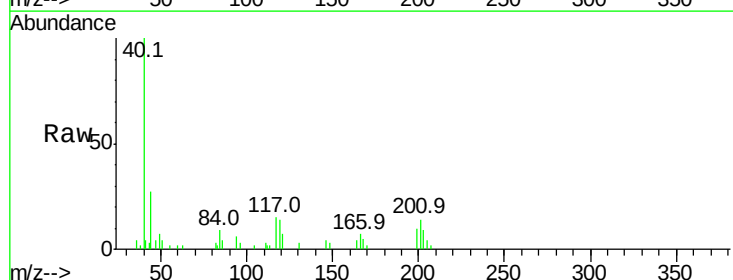
RT: 9.17 min Scan# 992

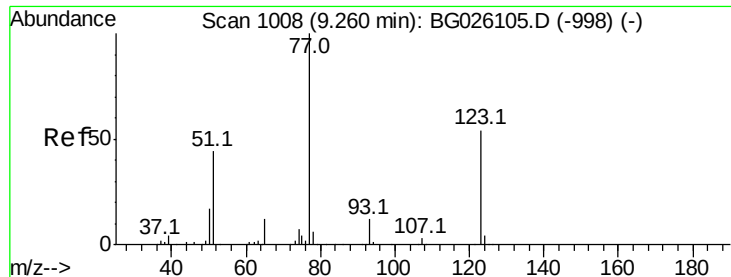
Delta R.T. 0.02 min

Lab File: BG026101.D

Acq: 7 Mar 2017 18:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.8	81.5	122.3
199	70.1	50.6	76.0





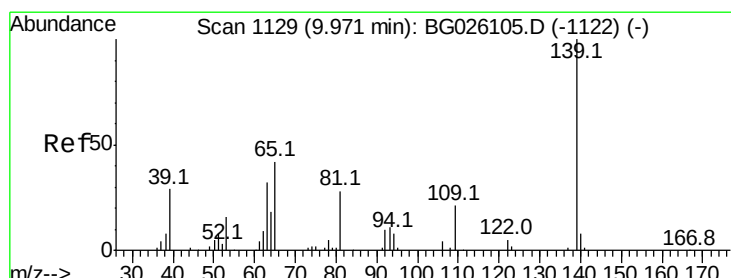
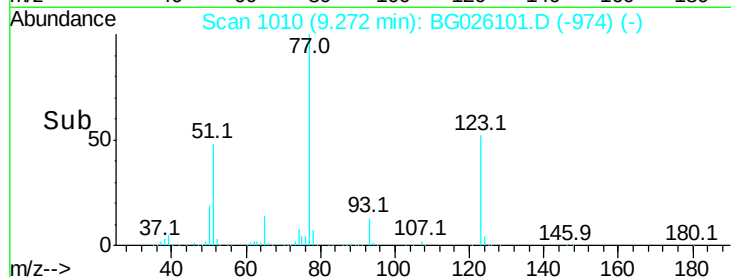
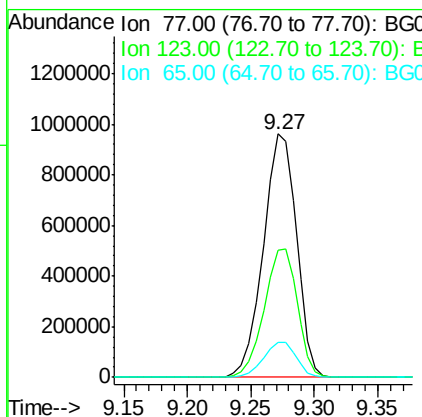
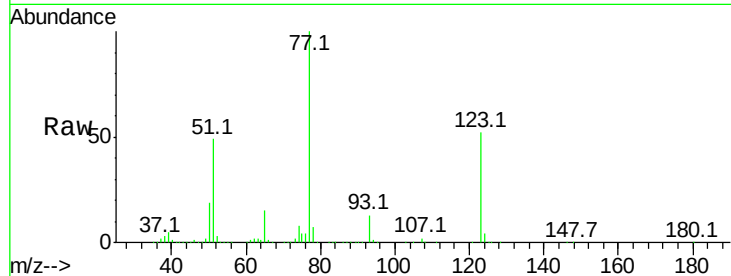
#20
Nitrobenzene
Concen: 254.16 ng/ul
RT: 9.27 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BG026101.D
Acq: 7 Mar 2017 18:52

Instrument :
BNA_G
ClientSampleId :
C0BC1

Tot Ion: 77 Resp: 1757435
Ion Ratio Lower Upper
77 100
123 52.4 39.0 58.4
65 14.5 10.4 15.6

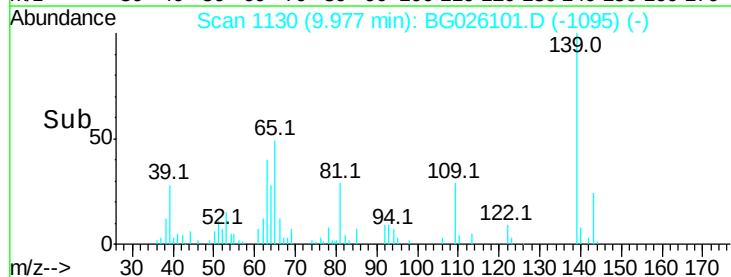
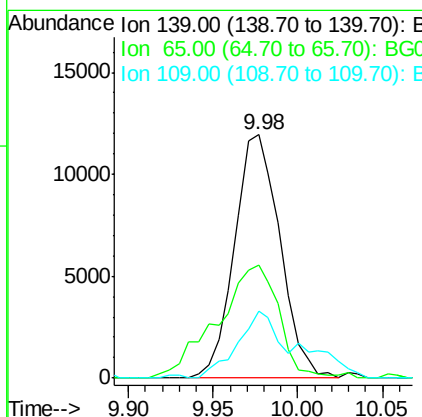
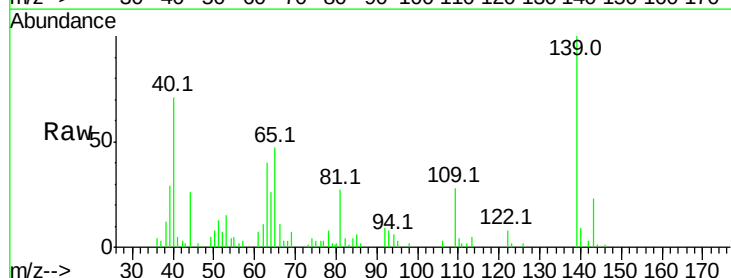
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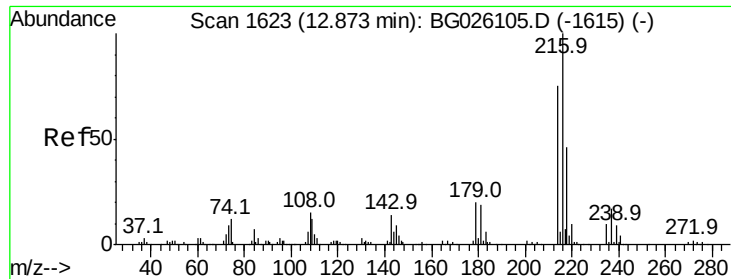
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#23
2-Nitrophenol
Concen: 7.85 ng/ul
RT: 9.98 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BG026101.D
Acq: 7 Mar 2017 18:52

Tgt Ion:139 Resp: 22372
Ion Ratio Lower Upper
139 100
65 46.6 36.3 54.5
109 27.5 26.4 39.6





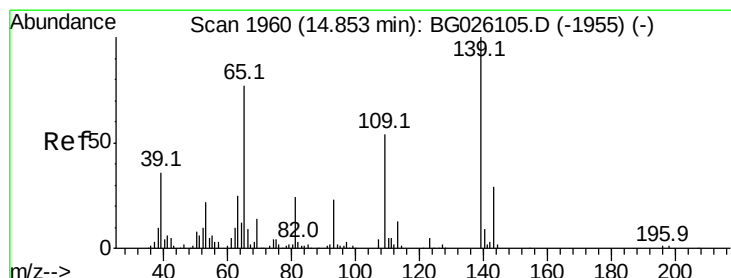
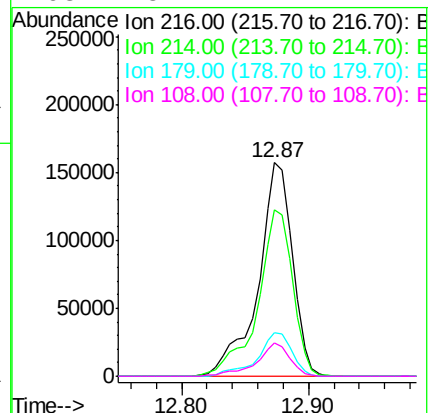
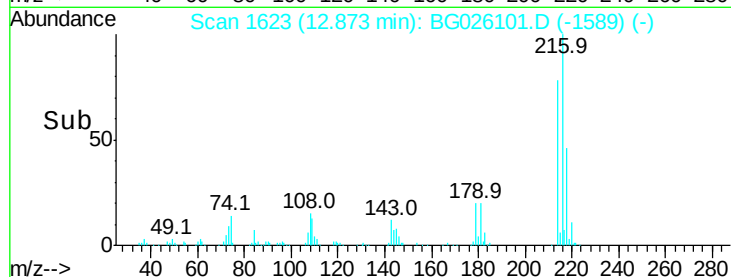
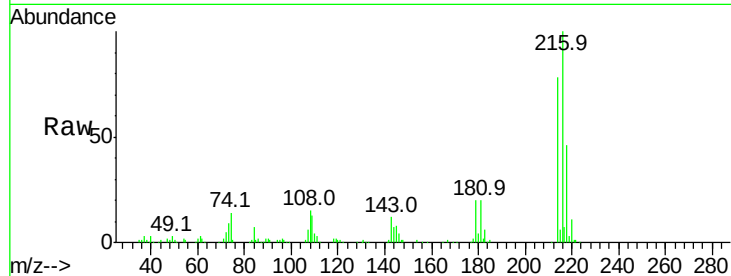
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.41 ng/ul
 RT: 12.87 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BG026101.D
 Acq: 7 Mar 2017 18:52

Instrument :
 BNA_G
 ClientSampleID :
 C0BC1

Tot Ion:	216	Resp:	296460
Ion Ratio	Lower	Upper	
216	100		
214	77.6	62.5	93.7
179	20.5	18.2	27.2
108	15.4	14.2	21.2

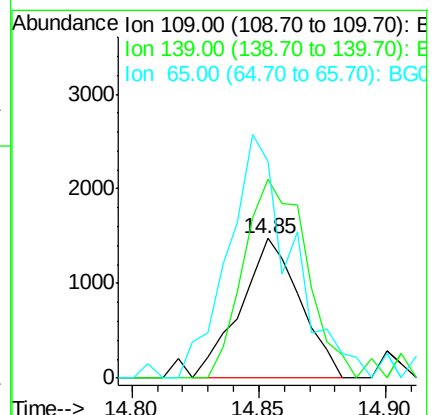
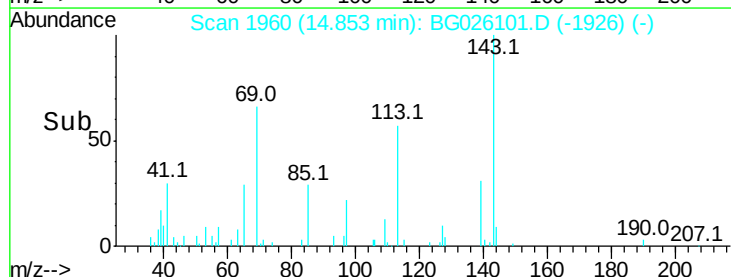
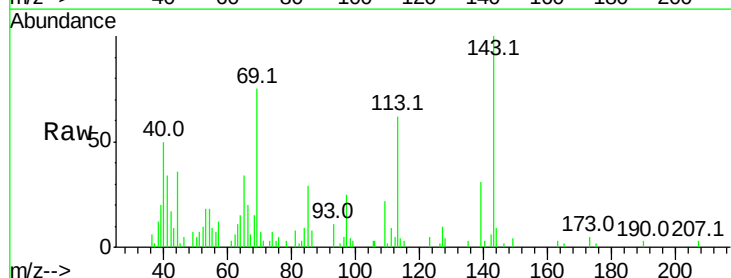
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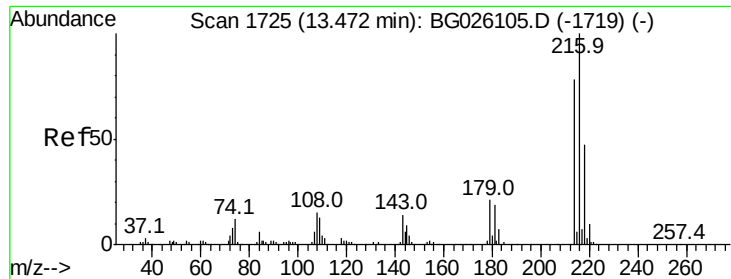
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#52
 4-Nitrophenol
 Concen: 1.32 ng/ul
 RT: 14.85 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG026101.D
 Acq: 7 Mar 2017 18:52

Tgt Ion:	109	Resp:	2417
Ion Ratio	Lower	Upper	
109	100		
139	128.2	103.7	155.5
65	139.5	89.4	134.2#





#72

1,2,3,4-Tetrachlorobenzene

Concen: 115.89 ng/uL

RT: 13.48 min Scan# 1726

Delta R.T. 0.00 min

Lab File: BG026101.D

Acq: 7 Mar 2017 18:52

Instrument :

BNA_G

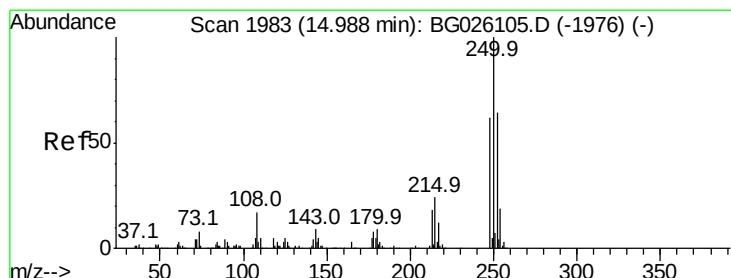
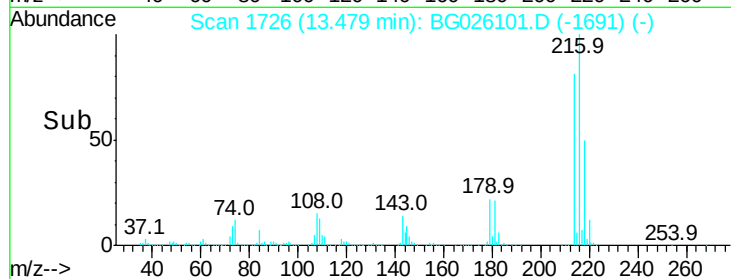
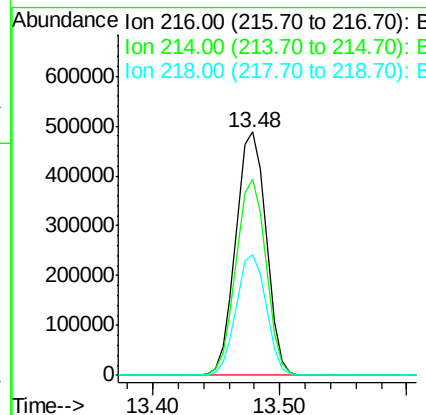
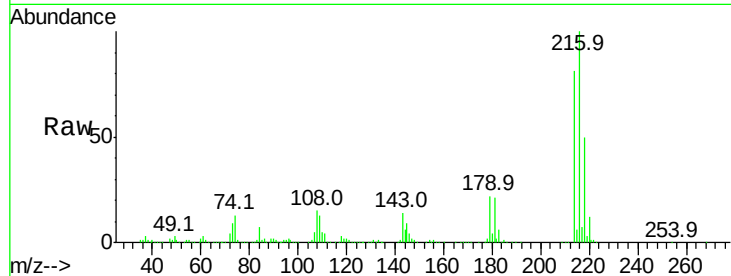
ClientSampleId :

C0BC1

Tot Ion:	216	Resp:	808802
Ion Ratio	Lower	Upper	
216	100		
214	80.7	62.5	93.7
218	49.8	38.4	57.6

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#73

Pentachlorobenzene

Concen: 3.19 ng/uL

RT: 14.98 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG026101.D

Acq: 7 Mar 2017 18:52

Tgt Ion:	250	Resp:	22796
Ion Ratio	Lower	Upper	
250	100		
248	57.2	50.6	75.8
252	60.6	51.4	77.0

