

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100215\
 Data File : BG018987.D
 Acq On : 1 Oct 2015 20:09
 Operator : UM/NP
 Sample : G3831-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP7

Manual Integrations
 APPROVED

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 10/2/2015 5:44:01 PM

Quant Time: Oct 02 12:28:49 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	46479m	20.00	ng/ul	0.08
18) Naphthalene-d8	10.80	136	228128	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.60	164	142956	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.35	188	364750m	20.00	ng/ul	0.00
78) Chrysene-d12	21.60	240	456677m	20.00	ng/ul	0.00
86) Perylene-d12	24.78	264	451777	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	1288	1.33	ng/uL	0.00
5) Phenol-d5	7.20	99	19372	5.08	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.34	67	80880m	36.57	ng/ul	0.04
9) 2-Chlorophenol-d4	7.53	132	84306	29.17	ng/ul	0.01
13) 4-Methylphenol-d8	8.75	113	44688m	14.43	ng/ul	0.03
19) Nitrobenzene-d5	9.17	128	56744	32.83	ng/ul	0.03
22) 2-Nitrophenol-d4	9.88	143	52665	30.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	99368	27.15	ng/ul	0.01
29) 4-Chloroaniline-d4	10.94	131	11162m	2.62	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	351504	30.55	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	448945	32.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	8765m	3.97	ng/ul	0.03
58) Fluorene-d10	15.60	176	328558	32.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	35154m	20.36	ng/ul	0.00
71) Anthracene-d10	17.45	188	542619	33.79	ng/ul	0.00
79) Pyrene-d10	19.73	212	655140	31.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.56	264	726082	33.02	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	4576	4.38	ng/uL#	59
6) Phenol	7.23	94	20967m	5.31	ng/ul	
10) 2-Chlorophenol	7.59	128	24896m	8.32	ng/ul	
11) 2-Methylphenol	8.46	108	211100m	69.53	ng/ul	
20) Nitrobenzene	9.23	77	3394223	846.97	ng/ul#	78
30) 4-Chloroaniline	10.91	127	927271	210.55	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	380975	85.97	ng/ul#	95
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	390281	89.92	ng/uL	99

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

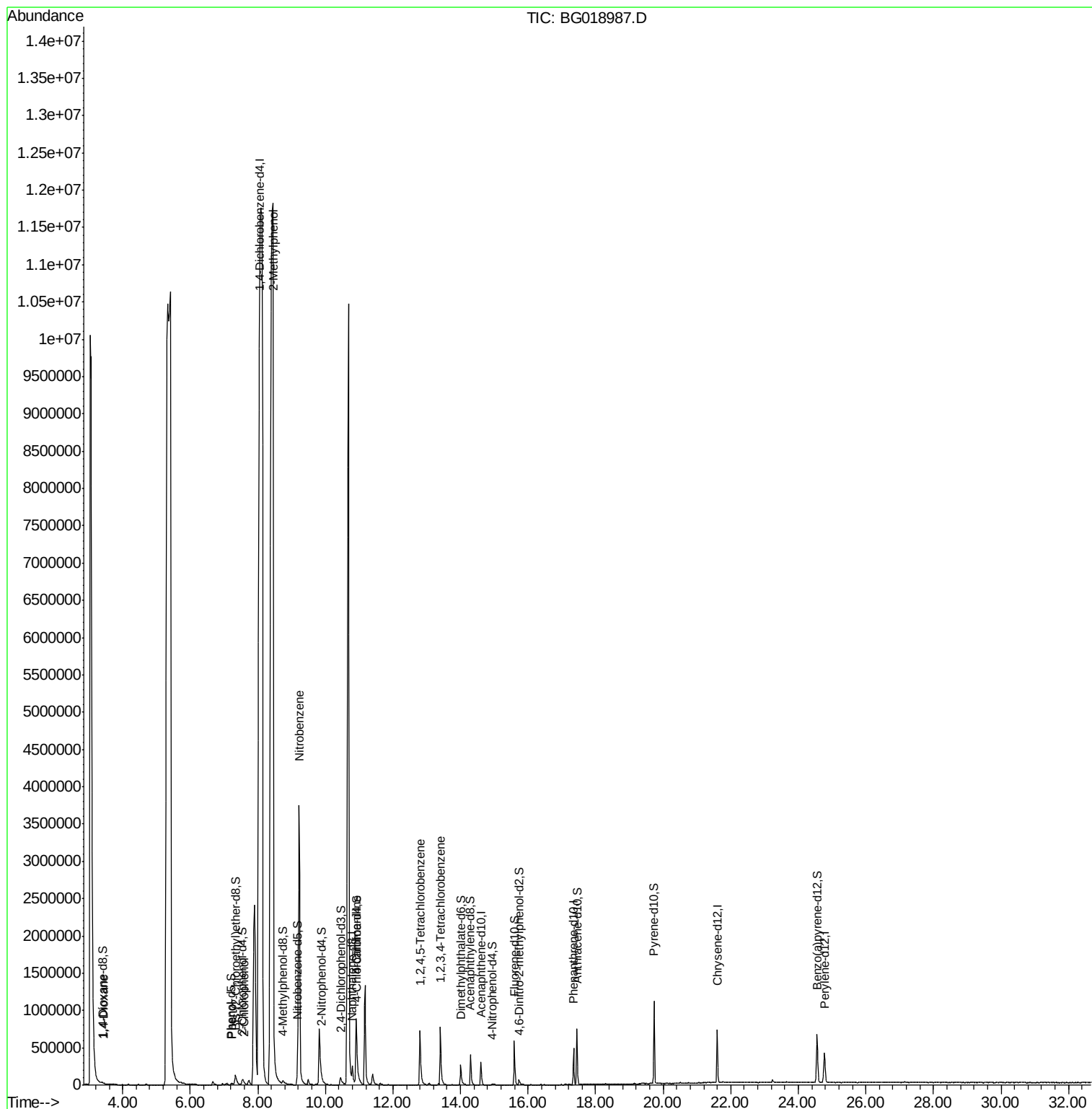
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100215\
Data File : BG018987.D
Acq On : 1 Oct 2015 20:09
Operator : UM/NP
Sample : G3831-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

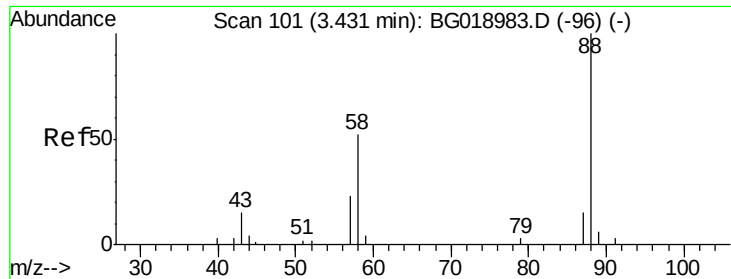
Instrument :
BNA_G
ClientSampled :
C0AP7

Manual Integrations
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Quant Time: Oct 02 12:28:49 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 11:51:49 2015
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 4.38 ng/uL

RT: 3.44 min Scan# 102

Delta R.T. 0.01 min

Lab File: BG018987.D

Acq: 1 Oct 2015 20:09

Instrument :

BNA_G

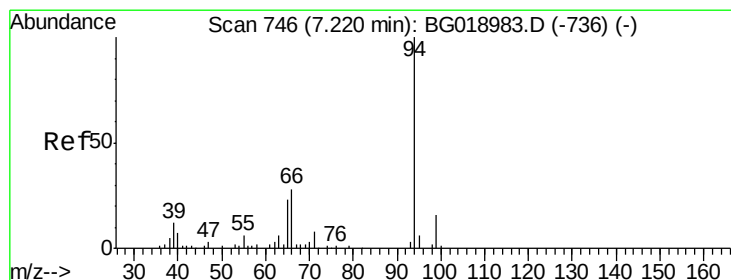
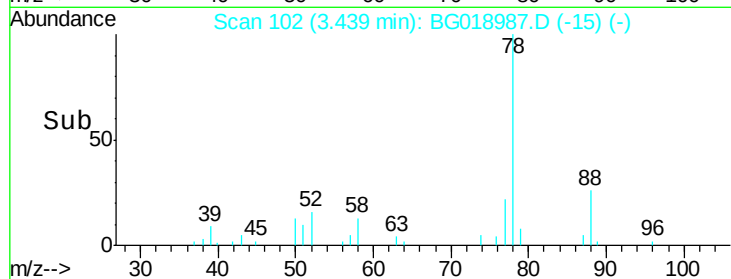
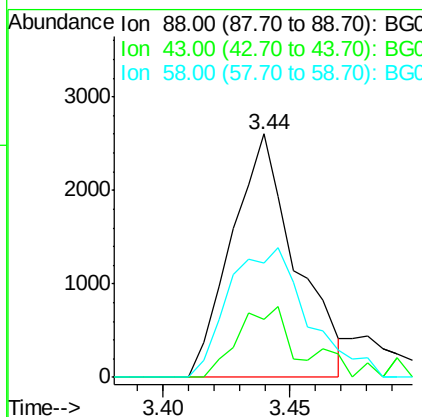
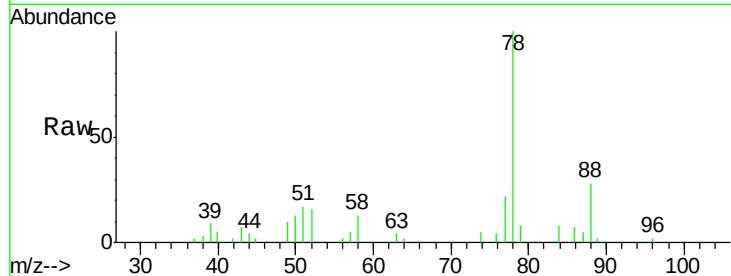
ClientSampleId :

C0AP7

Tgt Ion	Ratio	Lower	Upper
88	100		
43	23.8	33.0	49.4#
58	46.8	73.4	110.0#

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#6

Phenol

Concen: 5.31 ng/uL m

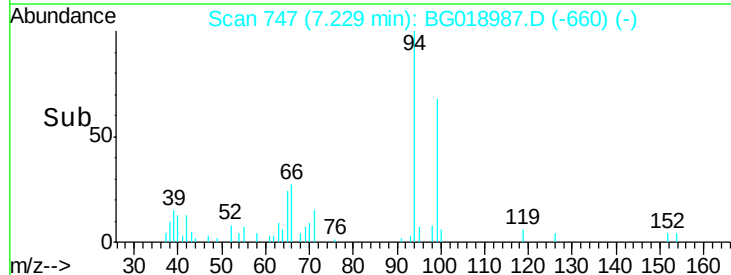
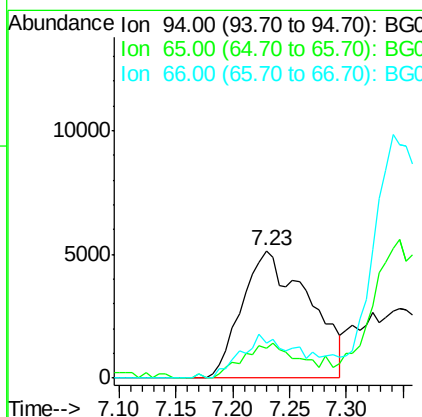
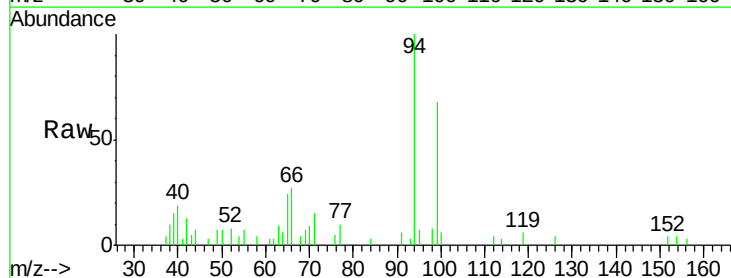
RT: 7.23 min Scan# 747

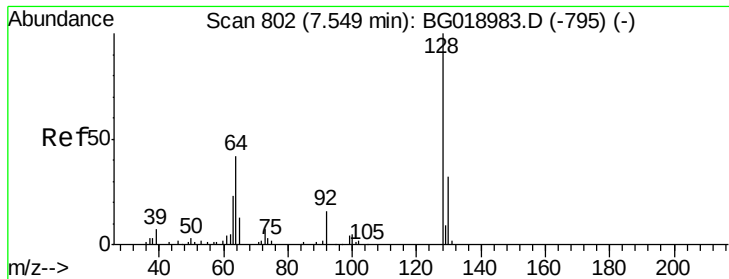
Delta R.T. 0.01 min

Lab File: BG018987.D

Acq: 1 Oct 2015 20:09

Tgt Ion	Ratio	Lower	Upper
94	100		
65	23.7	23.0	34.6
66	27.0	31.0	46.4#





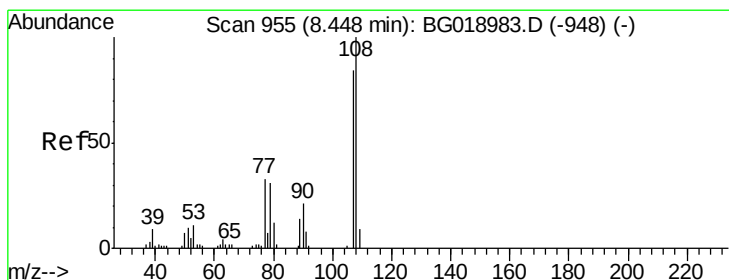
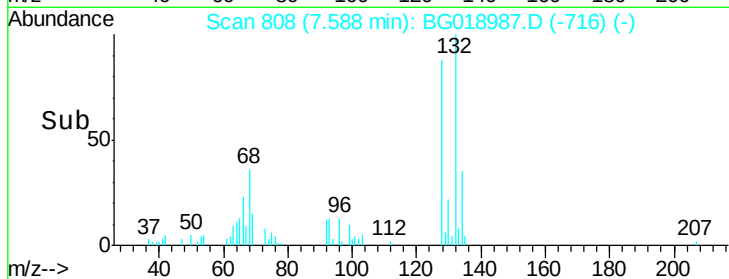
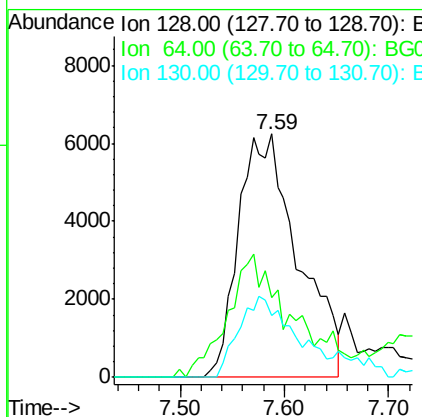
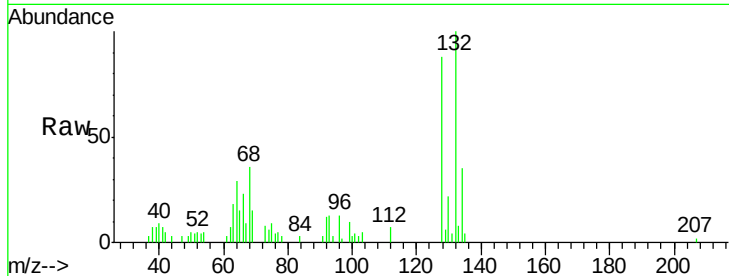
#10
2-Chlorophenol
Concen: 8.32 ng/ul m
RT: 7.59 min Scan# 808
Delta R.T. 0.04 min
Lab File: BG018987.D
Acq: 1 Oct 2015 20:09

Instrument :
BNA_G
ClientSampleId :
C0AP7

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	24896		
64	32.8	40.9	61.3#	
130	25.3	24.5	36.7	

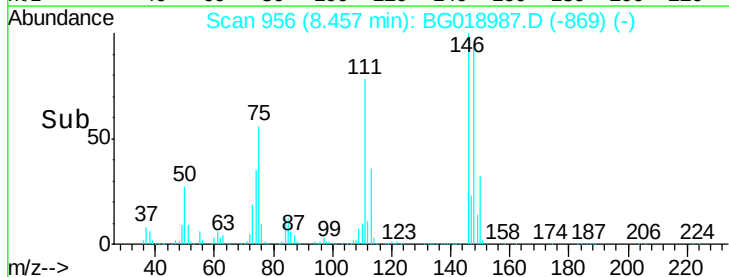
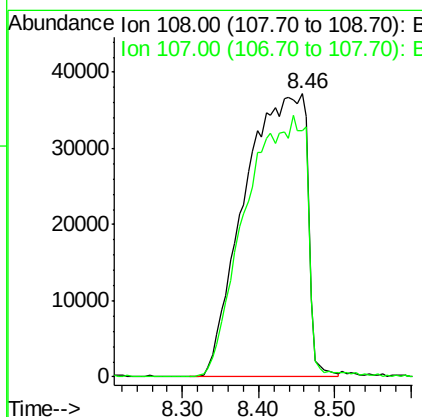
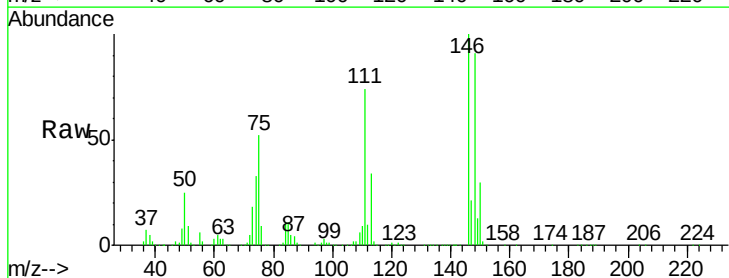
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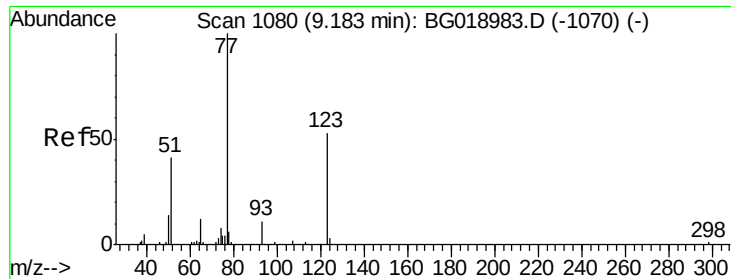
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#11
2-Methylphenol
Concen: 69.53 ng/ul m
RT: 8.46 min Scan# 956
Delta R.T. 0.01 min
Lab File: BG018987.D
Acq: 1 Oct 2015 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	211100		
107	87.1	72.1	108.1	





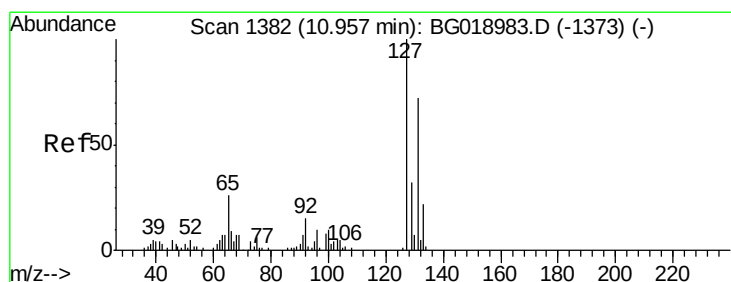
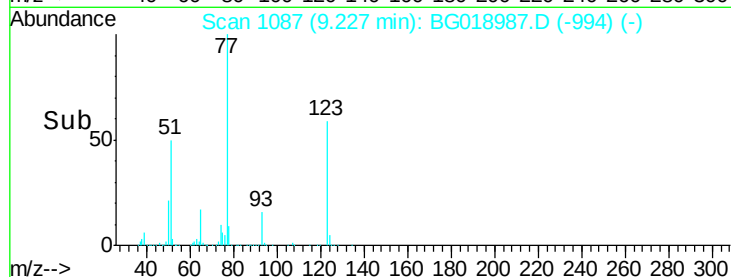
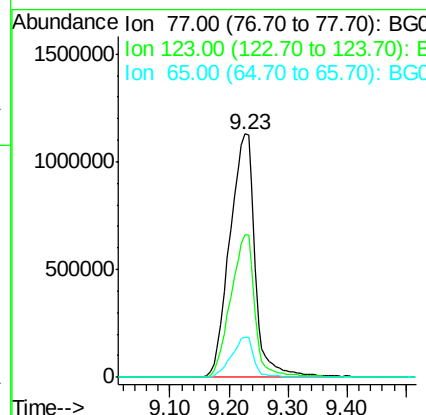
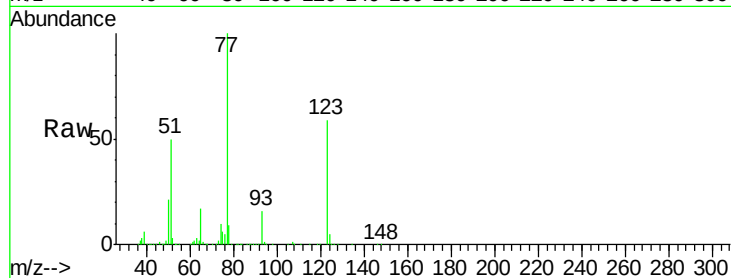
#20
Nitrobenzene
Concen: 846.97 ng/ul
RT: 9.23 min Scan# 1087
Delta R.T. 0.04 min
Lab File: BG018987.D
Acq: 1 Oct 2015 20:09

Instrument :
BNA_G
ClientSampleId :
C0AP7

Tgt Ion	Ratio	Lower	Upper
77	100		
123	58.7	32.8	49.2#
65	16.5	12.2	18.2

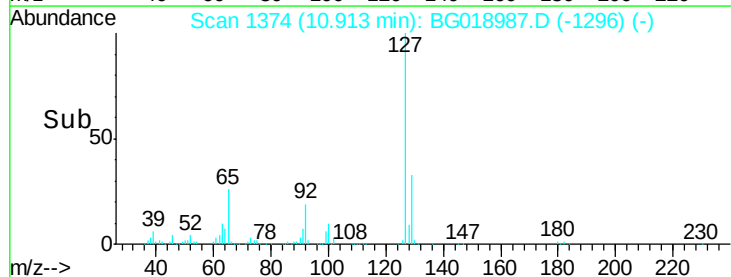
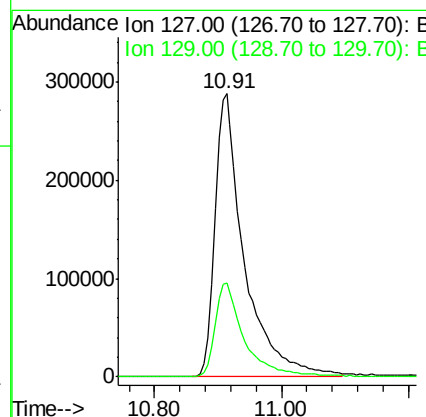
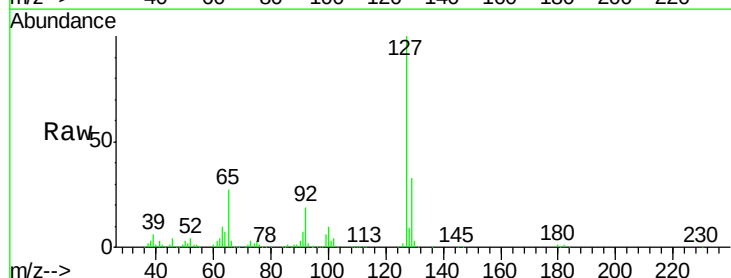
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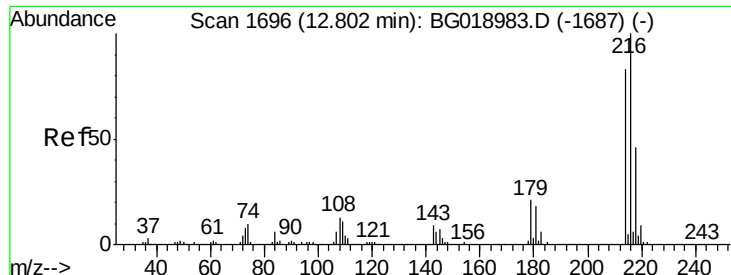
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#30
4-Chloroaniline
Concen: 210.55 ng/ul
RT: 10.91 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BG018987.D
Acq: 1 Oct 2015 20:09

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.7	40.1





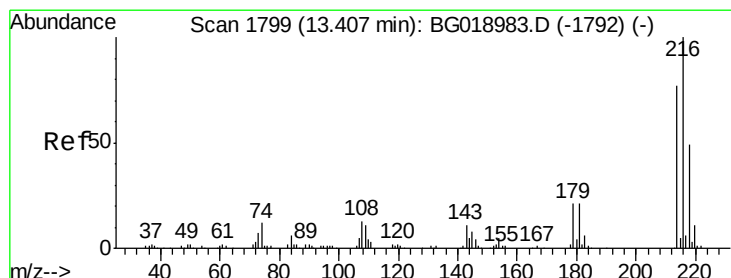
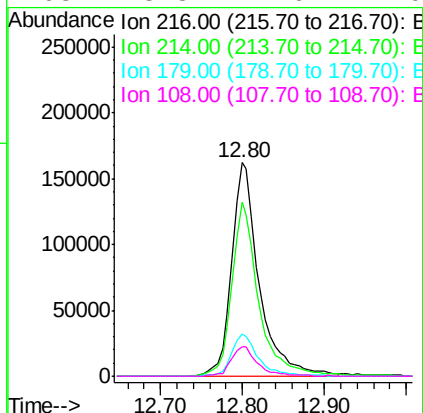
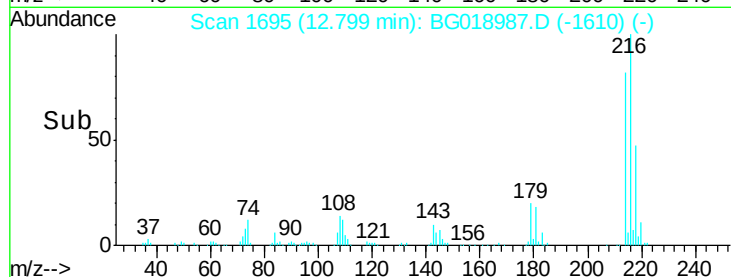
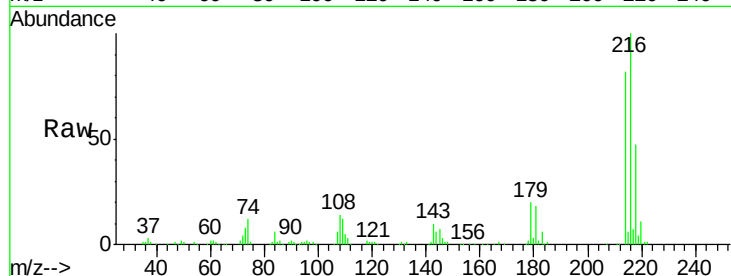
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 85.97 ng/uL
 RT: 12.80 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BG018987.D
 Acq: 1 Oct 2015 20:09

Instrument :
 BNA_G
 ClientSampled :
 C0AP7

Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	81.6	62.5	93.7
179	19.8	18.2	27.2
108	13.8	14.6	22.0

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#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 89.92 ng/uL
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: BG018987.D
 Acq: 1 Oct 2015 20:09

Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	79.1	64.0	96.0
218	48.2	38.7	58.1

