

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032916\
 Data File : BG021558.D
 Acq On : 29 Mar 2016 18:57
 Operator : UM/SJ
 Sample : H1935-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD3

Manual Integrations
 APPROVED

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Quant Time: Mar 30 05:20:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 30 01:34:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	19772m	20.00	ng/ul	0.10
18) Naphthalene-d8	10.89	136	50232m	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.67	164	30722	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	76010	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	86123	20.00	ng/ul	0.00
86) Perylene-d12	24.87	264	83717	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	209	0.47	ng/uL	0.01
5) Phenol-d5	7.35	99	5599	3.00	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.40	67	19887m	17.96	ng/ul	0.02
9) 2-Chlorophenol-d4	7.65	132	19873	14.00	ng/ul	0.02
13) 4-Methylphenol-d8	8.86	113	11984	7.49	ng/ul	0.02
19) Nitrobenzene-d5	9.24	128	13116	34.80	ng/ul	0.01
22) 2-Nitrophenol-d4	9.95	143	14486	33.63	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.59	165	22851	29.67	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.07	166	84832	33.16	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	104619	33.18	ng/ul	0.00
52) 4-Nitrophenol-d4	15.10	143	1892m	4.63	ng/ul	0.00
58) Fluorene-d10	15.66	176	76016	32.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	15845	31.55	ng/ul	0.00
71) Anthracene-d10	17.51	188	123921	33.27	ng/ul	0.00
79) Pyrene-d10	19.79	212	144986	36.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.65	264	146769	37.99	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.38	94	5983	3.03	ng/ul	95
10) 2-Chlorophenol	7.67	128	16863	11.56	ng/ul	91
20) Nitrobenzene	9.28	77	150039	140.96	ng/ul	96
23) 2-Nitrophenol	9.99	139	5856	12.31	ng/ul	89
27) 2,4-Dichlorophenol	10.61	162	3878	4.85	ng/ul#	85
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	22782	21.18	ng/ul	92
53) 4-Nitrophenol	15.11	109	988	2.33	ng/ul#	73
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	79448	74.65	ng/uL	92

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

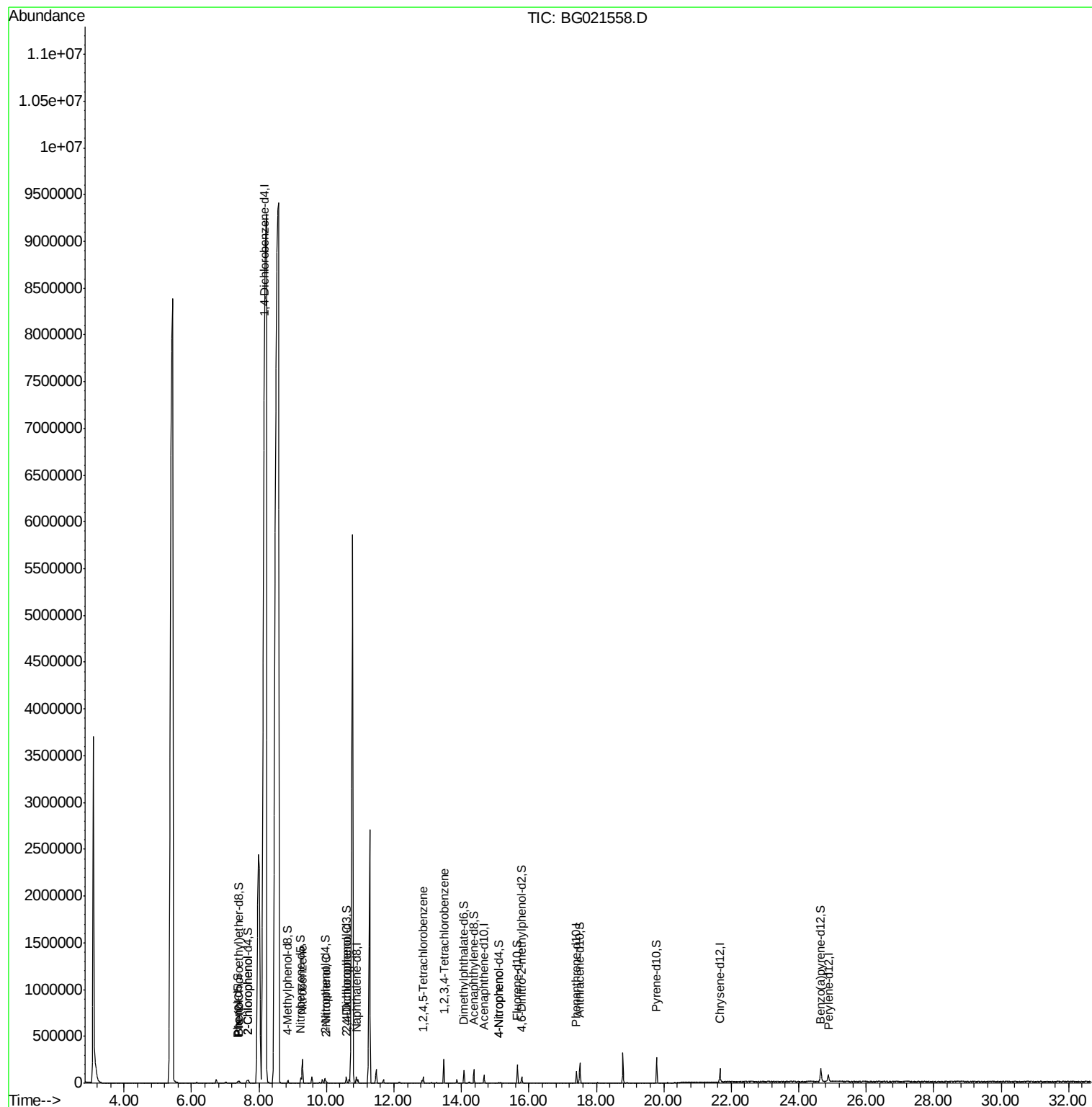
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032916\
Data File : BG021558.D
Acq On : 29 Mar 2016 18:57
Operator : UM/SJ
Sample : H1935-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

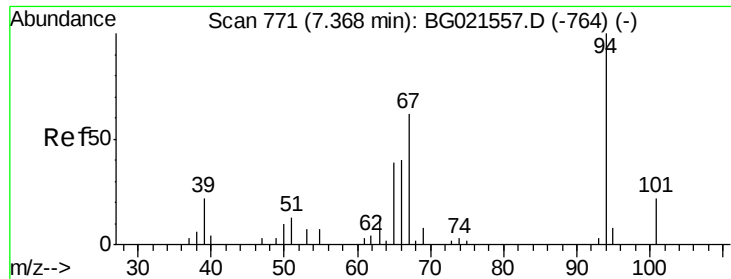
Instrument :
BNA_G
ClientSampleId :
C0AD3

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Quant Time: Mar 30 05:20:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 30 01:34:35 2016
Response via : Initial Calibration





#6

Phenol

Concen: 3.03 ng/ul

RT: 7.38 min Scan# 773

Delta R.T. 0.01 min

Lab File: BG021558.D

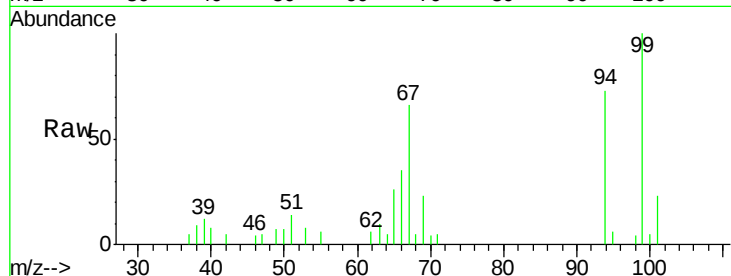
Acq: 29 Mar 2016 18:57

Instrument :

BNA_G

ClientSampleId :

C0AD3



Tgt Ion: 94 Resp: 5983

Ion Ratio Lower Upper

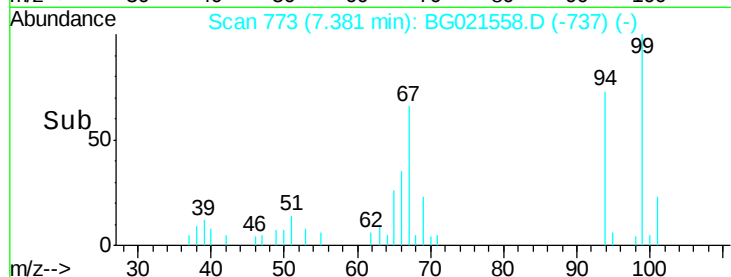
94 100

65 35.0 26.1 39.1

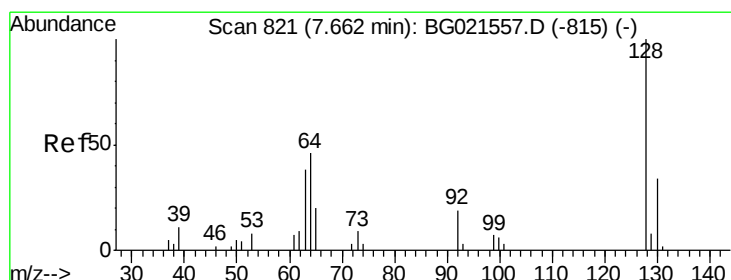
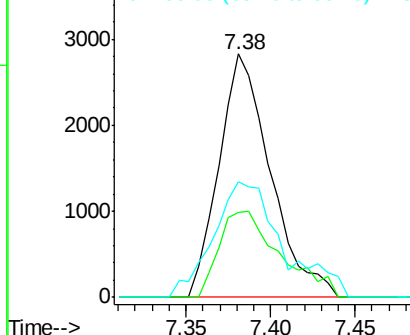
66 47.5 35.0 52.4

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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: 11.56 ng/ul

RT: 7.67 min Scan# 823

Delta R.T. 0.01 min

Lab File: BG021558.D

Acq: 29 Mar 2016 18:57

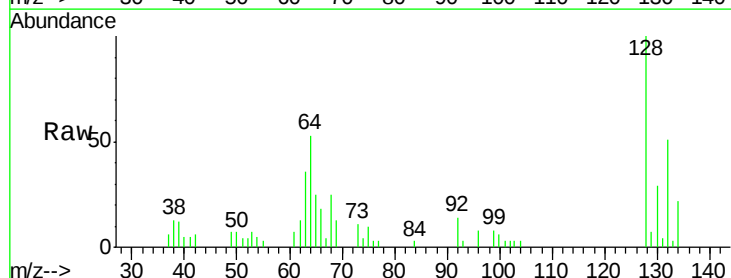
Tgt Ion: 128 Resp: 16863

Ion Ratio Lower Upper

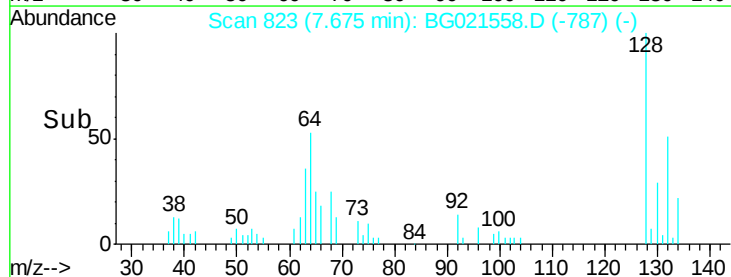
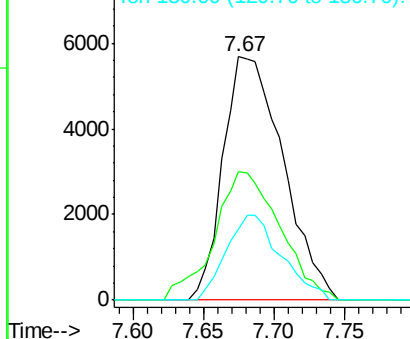
128 100

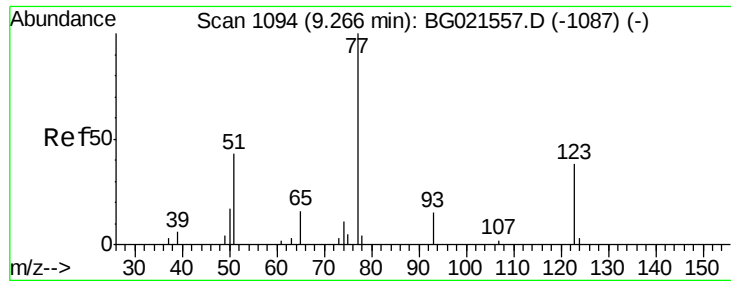
64 52.5 47.0 70.6

130 29.1 27.8 41.6



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





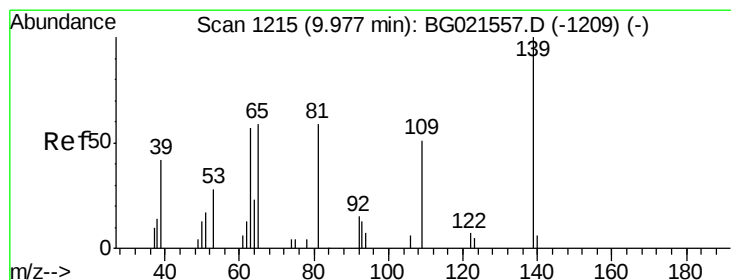
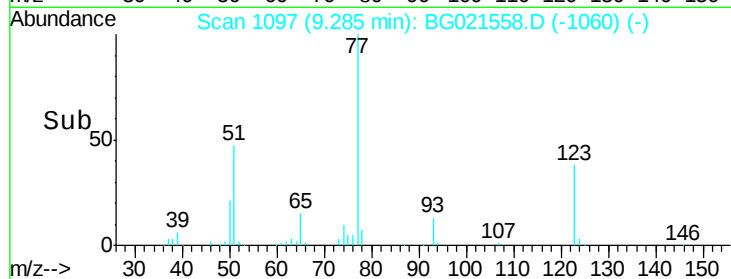
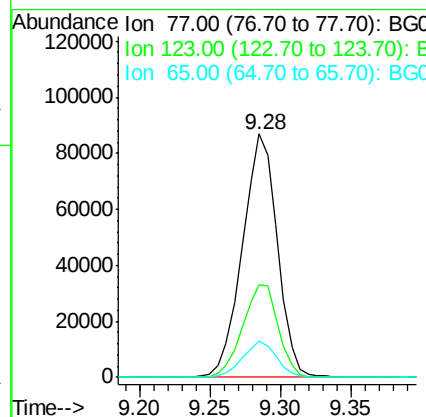
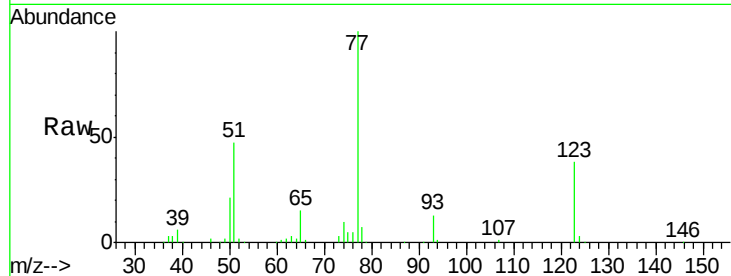
#20
Nitrobenzene
Concen: 140.96 ng/ul
RT: 9.28 min Scan# 1097
Delta R.T. 0.02 min
Lab File: BG021558.D
Acq: 29 Mar 2016 18:57

Instrument :
BNA_G
ClientSampleId :
C0AD3

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	37.8	28.4	42.6
65	15.0	11.0	16.6

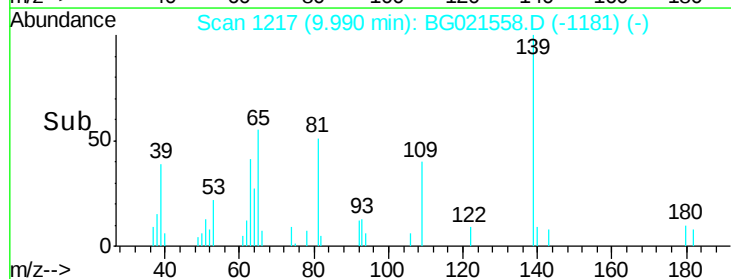
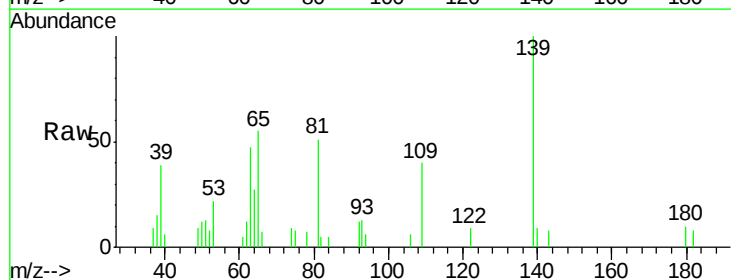
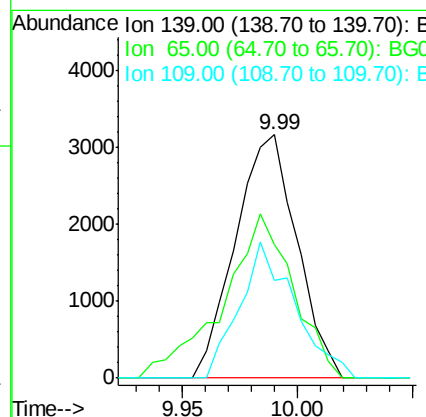
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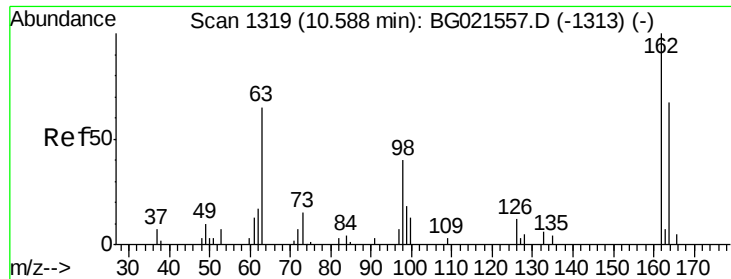
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#23
2-Nitrophenol
Concen: 12.31 ng/ul
RT: 9.99 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BG021558.D
Acq: 29 Mar 2016 18:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
65	55.1	55.0	82.4
109	40.0	31.4	47.2





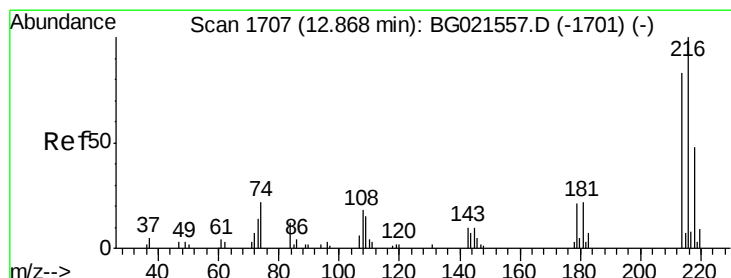
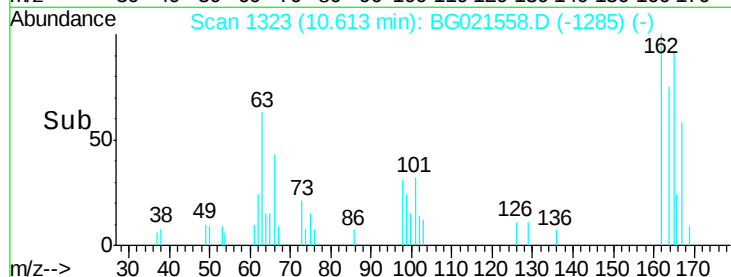
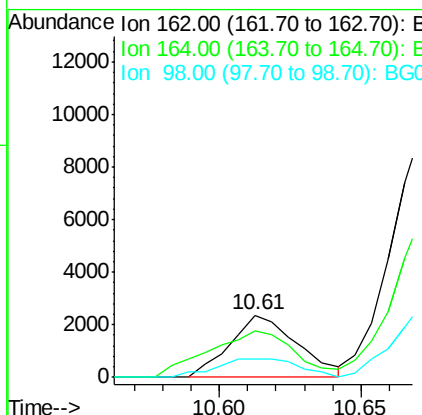
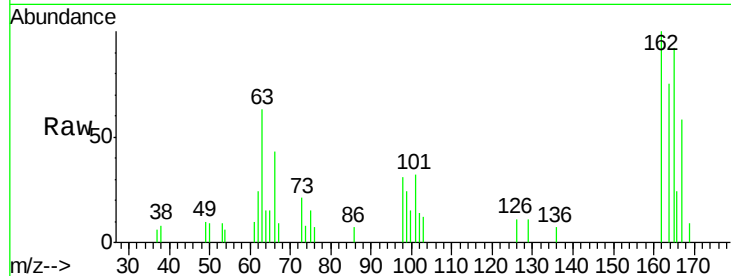
#27
 2,4-Dichlorophenol
 Concen: 4.85 ng/ul
 RT: 10.61 min Scan# 1323
 Delta R.T. 0.02 min
 Lab File: BG021558.D
 Acq: 29 Mar 2016 18:57

Instrument :
 BNA_G
 ClientSampleId :
 C0AD3

Tgt Ion	Ratio	Lower	Upper
162	100		
164	74.9	50.3	75.5
98	30.6	30.8	46.2

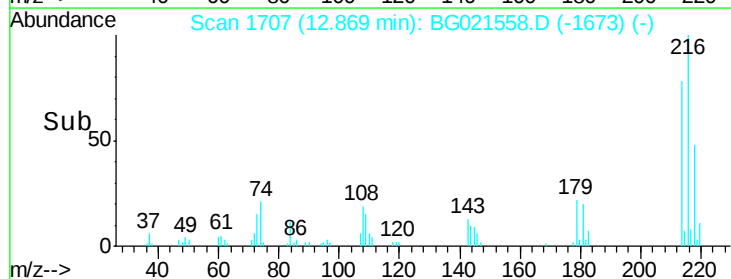
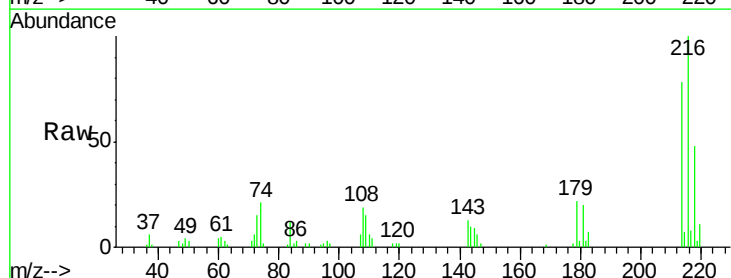
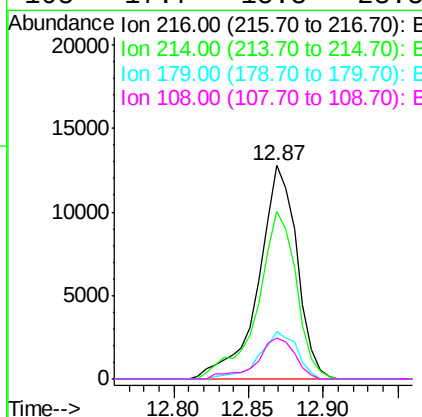
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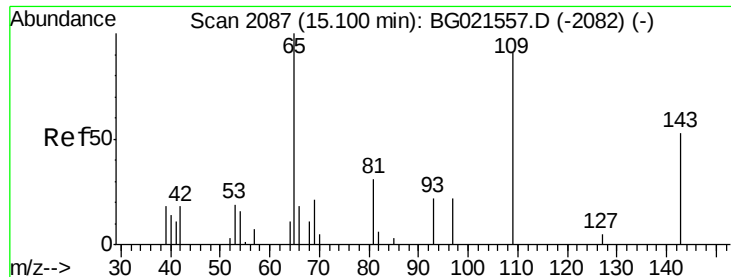
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#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.18 ng/ul
 RT: 12.87 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: BG021558.D
 Acq: 29 Mar 2016 18:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	57.8	86.8
179	20.5	19.5	29.3
108	17.7	15.8	23.8





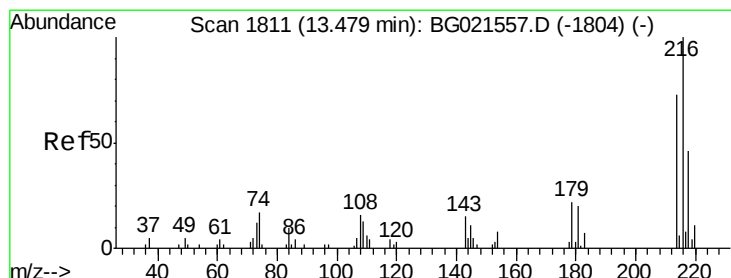
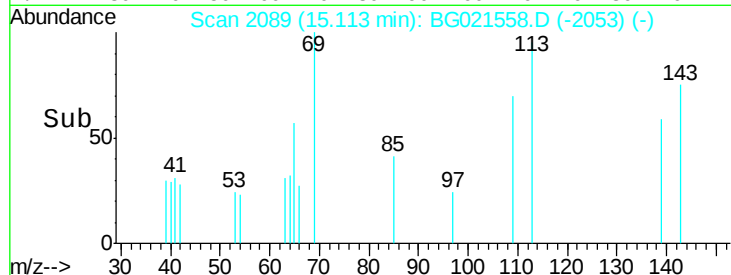
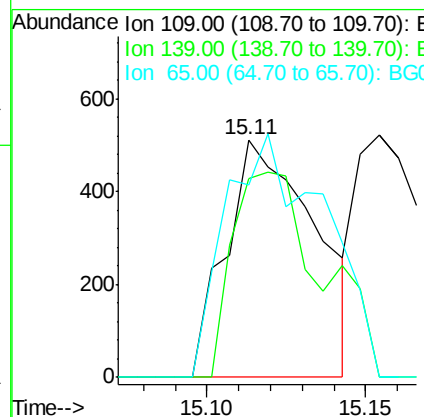
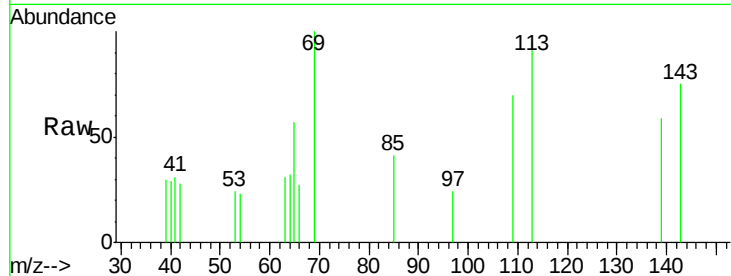
#53
4-Nitrophenol
Concen: 2.33 ng/uL
RT: 15.11 min Scan# 2089
Delta R.T. 0.01 min
Lab File: BG021558.D
Acq: 29 Mar 2016 18:57

Instrument :
BNA_G
ClientSampled :
C0AD3

Tgt Ion	Ratio	Lower	Upper
109	100		
139	83.8	75.9	113.9
65	81.0	99.8	149.8

Manual Integrations
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#73
1,2,3,4-Tetrachlorobenzene
Concen: 74.65 ng/uL
RT: 13.48 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BG021558.D
Acq: 29 Mar 2016 18:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	69.2	103.8
218	46.4	41.4	62.0

