

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032717\
 Data File : BG026455.D
 Acq On : 28 Mar 2017 12:41
 Operator : SJ/MA
 Sample : I2358-17DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BM1DL

Manual Integrations
 APPROVED

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Quant Time: Mar 28 13:35:40 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG032717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 28 11:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	164305	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	675054	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	404334	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	968472	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1095467	20.00	ng/ul	0.00
85) Perylene-d12	24.80	264	1065018	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	779	0.23	ng/uL	0.00
5) Phenol-d5	7.21	99	14182	1.17	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.37	67	40365	5.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	50247	4.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	27160	2.79	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	27956	5.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	33252	5.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	56221	5.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	2735	0.26	ng/ul	0.02
43) Dimethylphthalate-d6	14.05	166	205134	6.55	ng/ul	0.00
46) Acenaphthylene-d8	14.35	160	244551	6.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	2283	0.37	ng/ul	0.05
57) Fluorene-d10	15.64	176	194648	6.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	23659	3.80	ng/ul	0.00
70) Anthracene-d10	17.48	188	310893	7.07	ng/ul	0.00
78) Pyrene-d10	19.76	212	359771	7.36	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.58	264	330419	7.22	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.24	94	17117	1.35	ng/ul#	80
10) 2-Chlorophenol	7.61	128	28381	2.70	ng/ul	95
20) Nitrobenzene	9.24	77	287838	30.03	ng/ul	95
36) 1,2,4,5-Tetrachlorobenzene	12.86	216	66017m	5.19	ng/ul	
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	149064	11.68	ng/uL	99

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

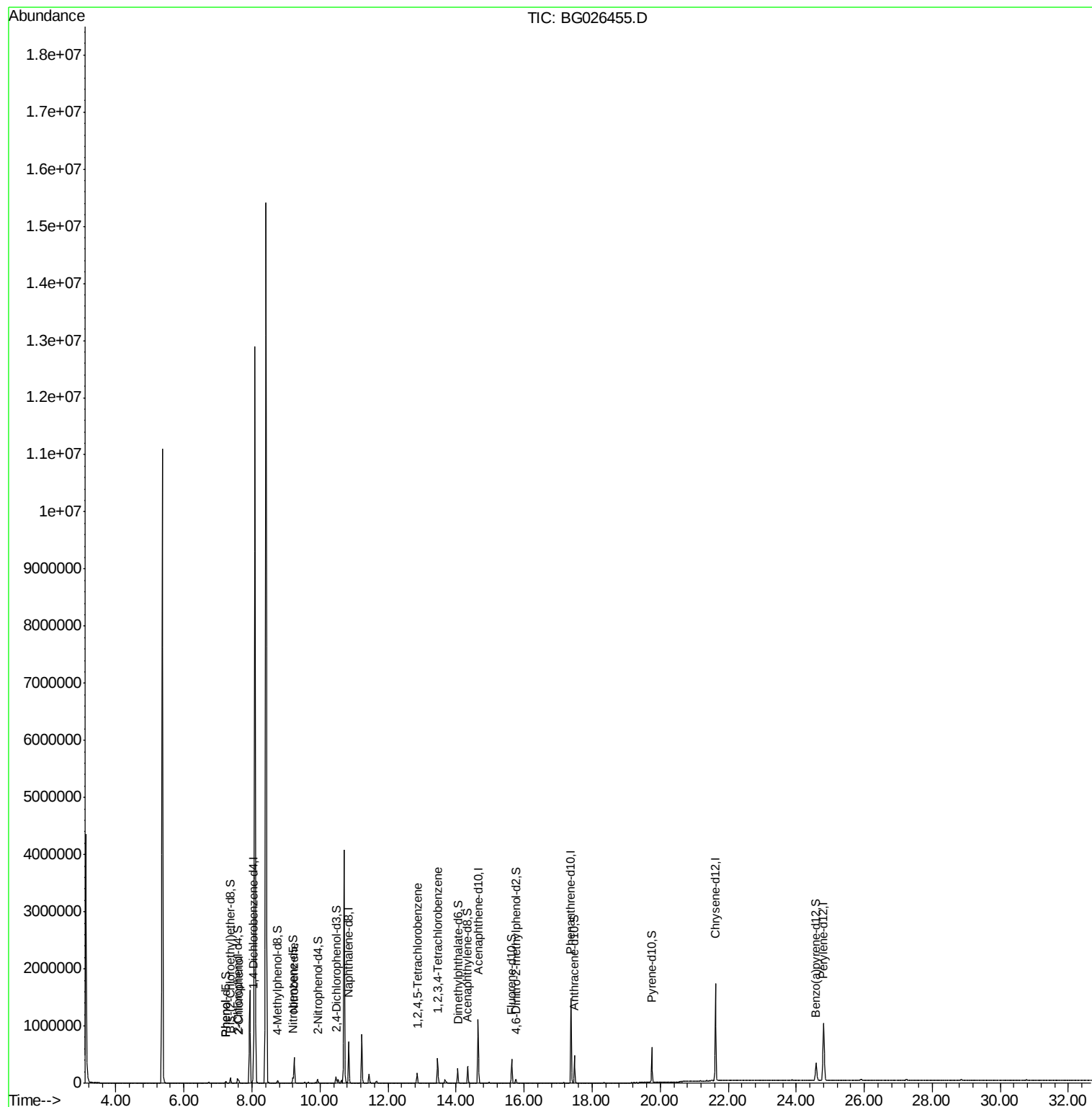
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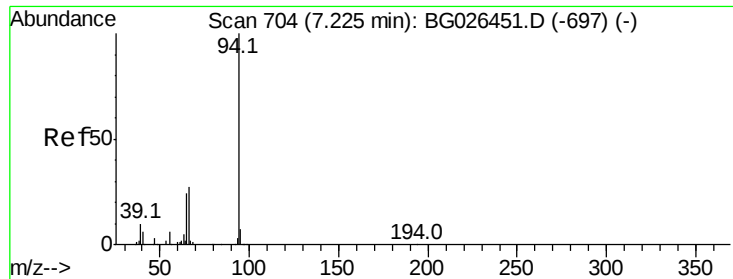
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#6

Phenol

Concen: 1.35 ng/ul

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG026455.D

Acq: 28 Mar 2017 12:41

Instrument :

BNA_G

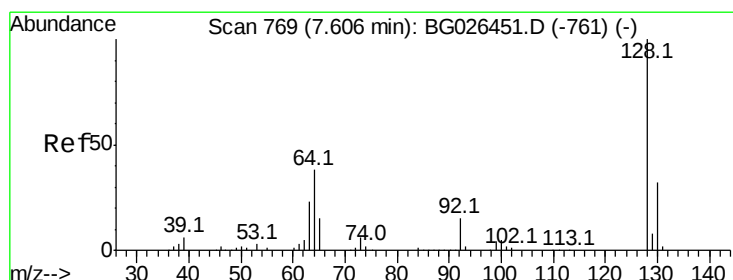
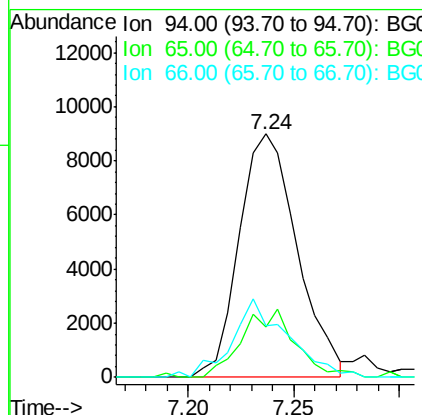
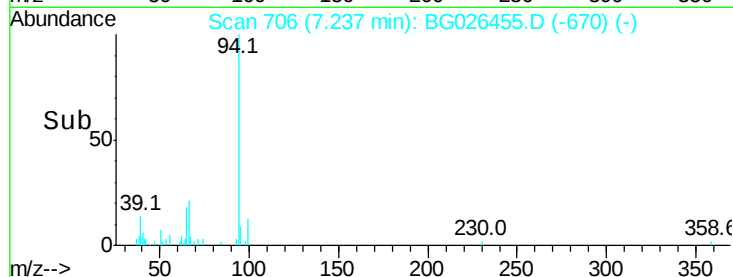
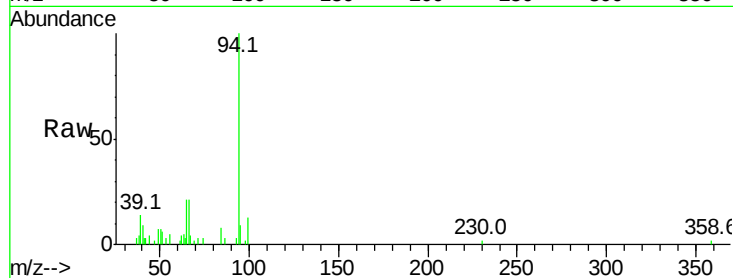
ClientSampleId :

C0BM1DL

Tot Ion:	94	Resp:	17117
Ion Ratio	Lower	Upper	
94	100		
65	20.5	21.0	31.6#
66	21.4	29.3	43.9#

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#10

2-Chlorophenol

Concen: 2.70 ng/ul

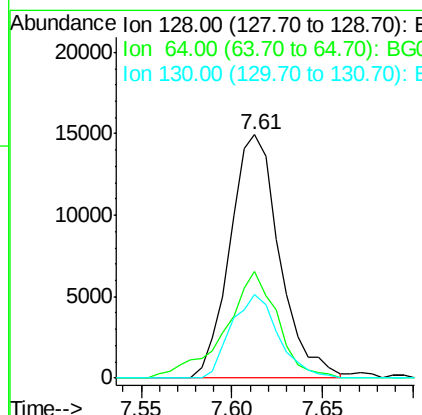
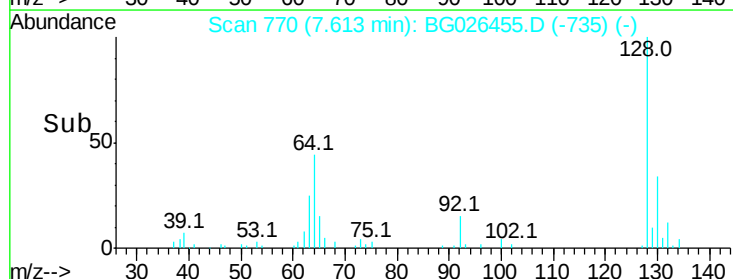
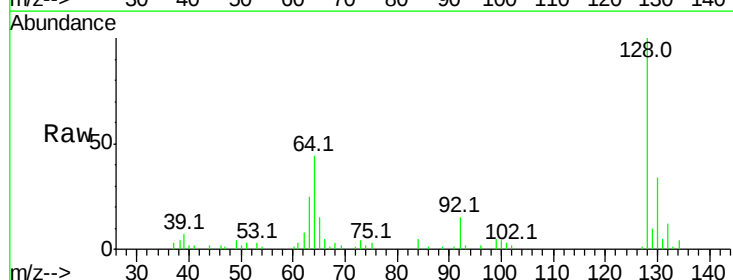
RT: 7.61 min Scan# 770

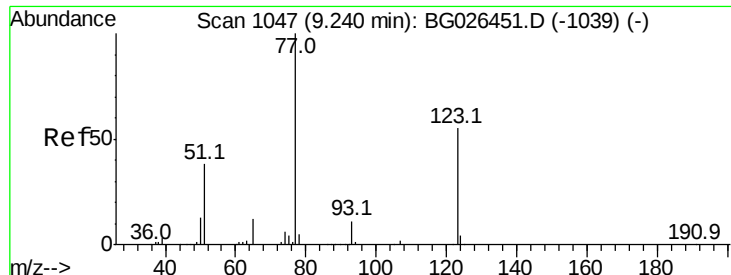
Delta R.T. 0.01 min

Lab File: BG026455.D

Acq: 28 Mar 2017 12:41

Tgt Ion:	128	Resp:	28381
Ion Ratio	Lower	Upper	
128	100		
64	43.8	31.9	47.9
130	34.1	25.6	38.4





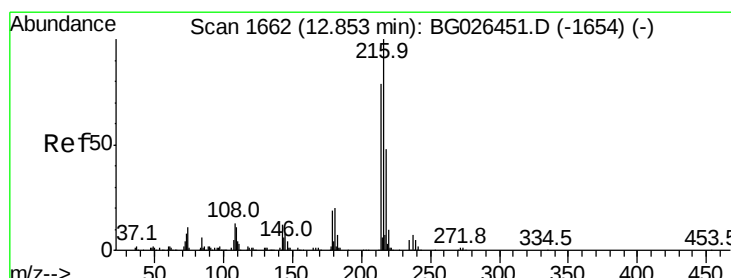
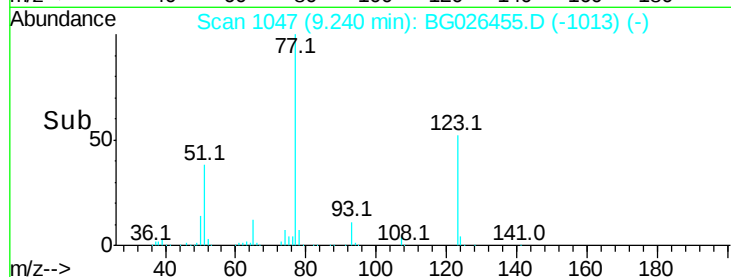
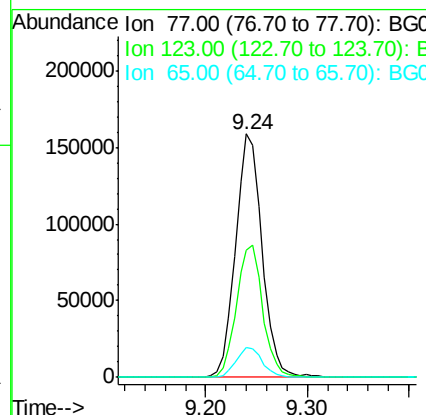
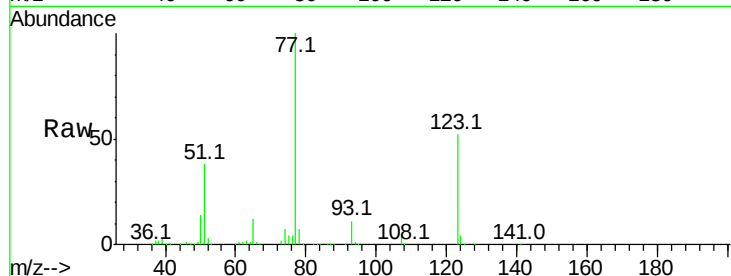
#20
Nitrobenzene
Concen: 30.03 ng/ul
RT: 9.24 min Scan# 1047
Delta R.T. 0.00 min
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Tot Ion	Ratio	Resp	Lower	Upper
77	100			
123	52.4	39.0	58.4	
65	12.2	10.4	15.6	

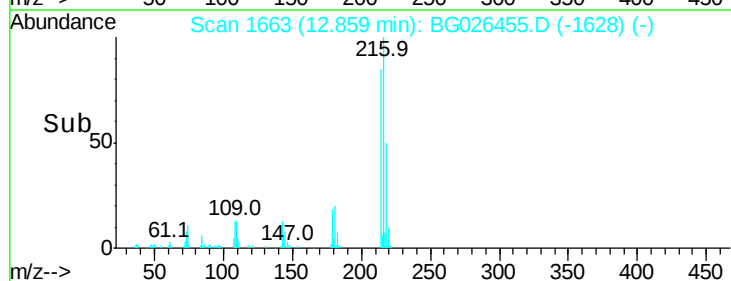
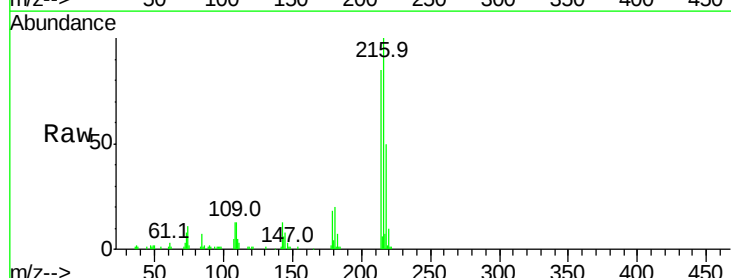
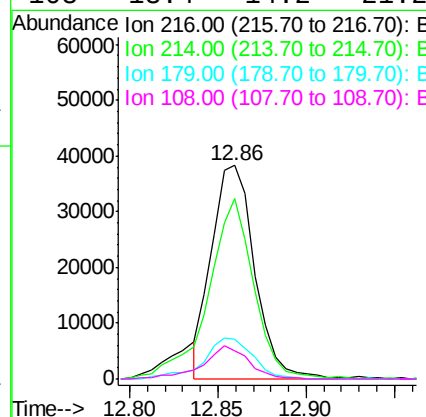
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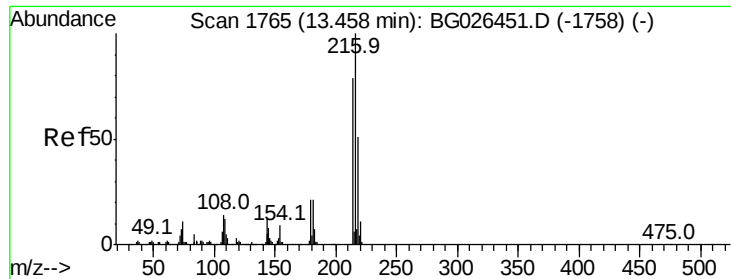
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 5.19 ng/ul m
RT: 12.86 min Scan# 1663
Delta R.T. 0.01 min
Lab File: BG026455.D
Acq: 28 Mar 2017 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	84.6	62.5	93.7	
179	18.3	18.2	27.2	
108	13.4	14.2	21.2#	





#72

1,2,3,4-Tetrachlorobenzene

Concen: 11.68 ng/uL

RT: 13.46 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BG026455.D

Acq: 28 Mar 2017 12:41

Instrument :

BNA_G

ClientSampleId :

C0BM1DL

Tot Ion:	216	Resp:	149064
Ion Ratio	Lower	Upper	
216	100		
214	78.6	62.5	93.7
218	48.4	38.4	57.6

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