

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG090517\
 Data File : BG028575.D
 Acq On : 5 Sep 2017 12:21
 Operator : SJ/JU
 Sample : I4960-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 5-POST1

Quant Time: Sep 06 04:03:03 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 06 04:00:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	35159	20.00	ng/ul	0.00
18) Naphthalene-d8	11.20	136	141479	20.00	ng/ul	0.04
35) Acenaphthene-d10	14.95	164	94108	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.80	188	411131	20.00	ng/ul	0.10
75) Chrysene-d12	22.04	240	289875	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	286667	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.79	96	111529	147.72	ng/uL	-0.03
5) Phenol-d5	7.49	99	26810	6.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	69698	28.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	67102	27.55	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	47731	14.79	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	42017	37.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	48013	39.58	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.80	165	83221	33.16	ng/ul	0.02
29) 4-Chloroaniline-d4	11.31	131	103074	36.90	ng/ul	0.02
43) Dimethylphthalate-d6	14.34	166	274312	32.77	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	331281	35.10	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	8389	6.30	ng/ul	0.02
57) Fluorene-d10	15.94	176	242214	32.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.17	200	207	0.08	ng/ul	0.11
70) Anthracene-d10	17.80	188	411131	20.85	ng/ul	0.00
76) Pyrene-d10	20.08	212	499503	33.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	483932	36.06	ng/ul	0.00

Target Compounds

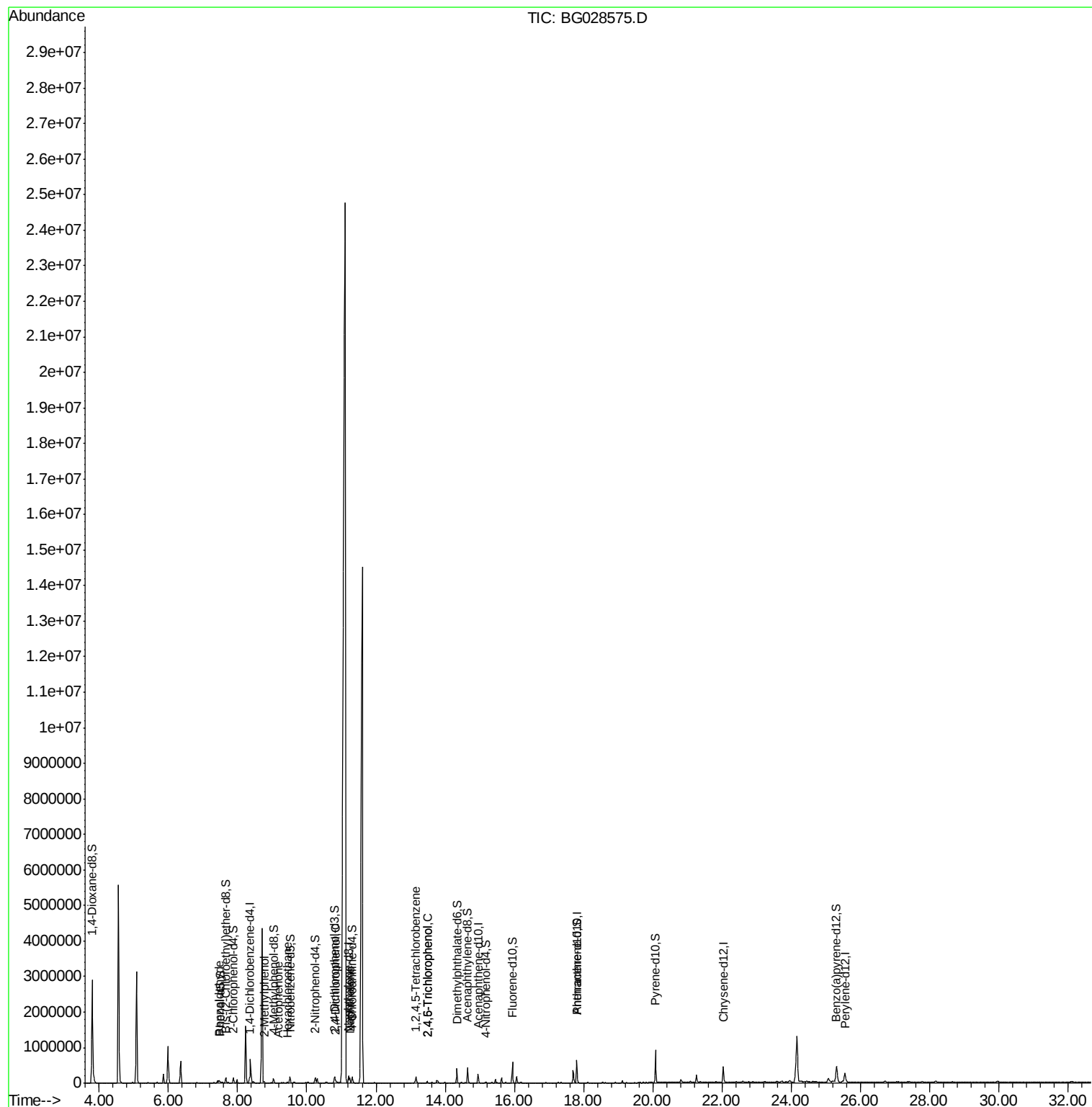
					Ovalue	
4) Benzaldehyde	7.48	77	4146	1.858	ng/ul#	1
11) 2-Methylphenol	8.78	108	4449	1.642	ng/ul#	61
14) Acetophenone	9.17	105	5247	1.140	ng/ul#	68
17) Hexachloroethane	9.44	117	2629	2.673	ng/ul#	1
27) 2,4-Dichlorophenol	10.83	162	15764	6.900	ng/ul#	84
28) Naphthalene	11.24	128	110749	15.805	ng/ul	95
36) 1,2,4,5-Tetrachlorobenzene	13.16	216	60529	19.954	ng/ul#	97
38) 2,4,6-Trichlorophenol	13.48	196	16824	8.899	ng/ul	96
39) 2,4,5-Trichlorophenol	13.48	196	16824	8.164	ng/ul	93

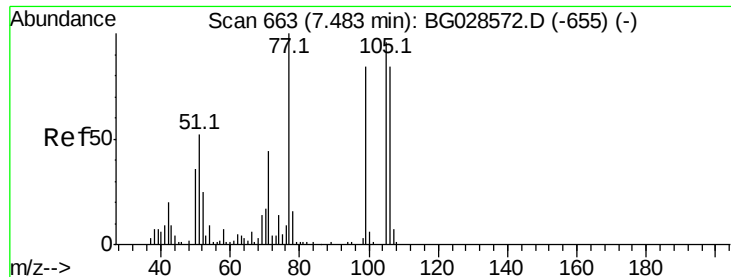
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 06 04:00:37 2017
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.858 ng/ul

RT: 7.48 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG028575.D

Acq: 5 Sep 2017 12:21

Instrument :

BNA_G

ClientSampleId :

5-POST1

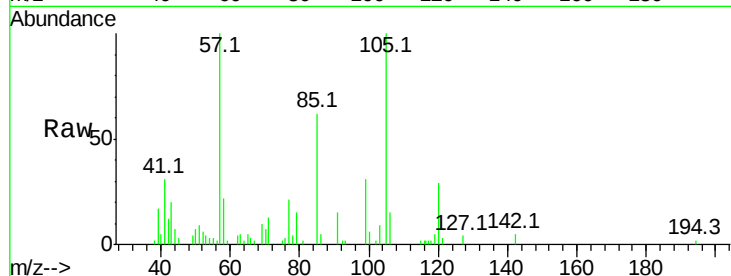
Tot Ion: 77 Resp: 4146

Ion Ratio Lower Upper

77 100

105 475.1 62.0 93.0#

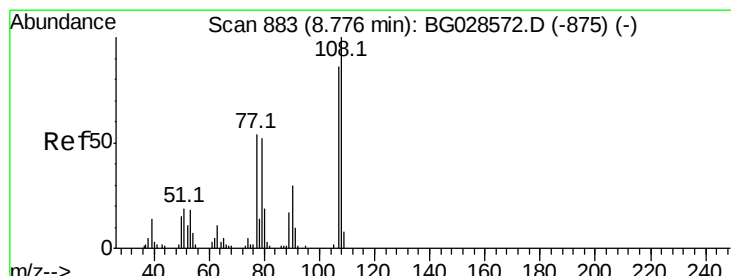
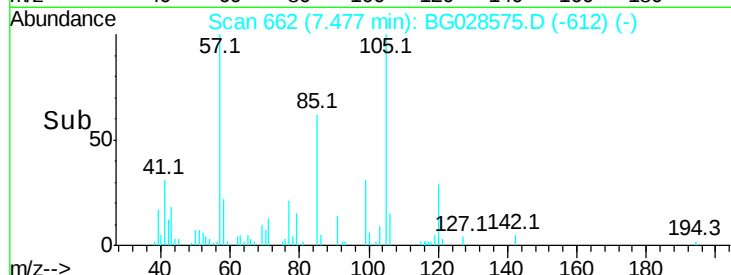
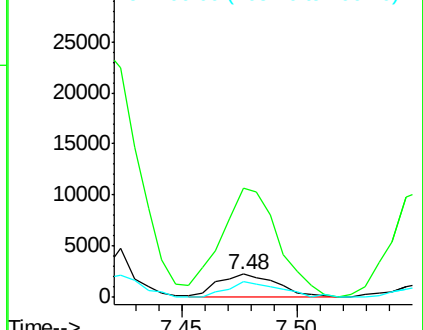
106 70.2 60.2 90.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#11

2-Methylphenol

Concen: 1.642 ng/ul

RT: 8.78 min Scan# 884

Delta R.T. 0.01 min

Lab File: BG028575.D

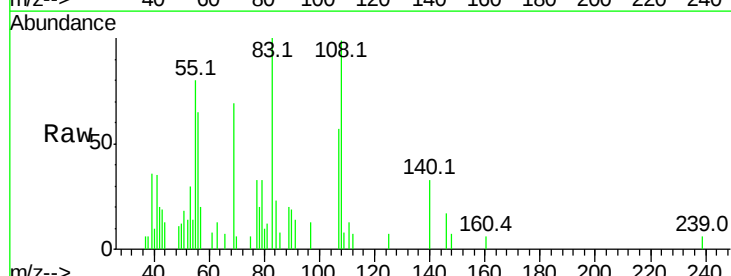
Acq: 5 Sep 2017 12:21

Tgt Ion: 108 Resp: 4449

Ion Ratio Lower Upper

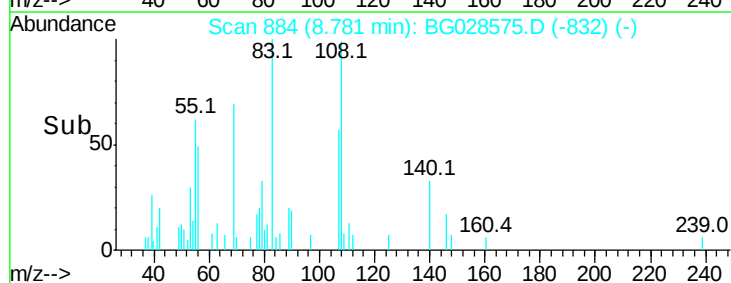
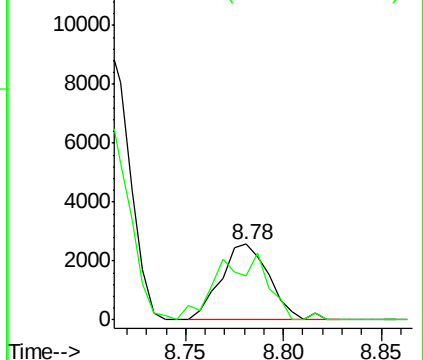
108 100

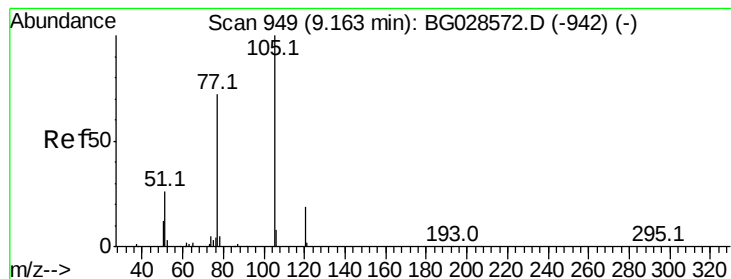
107 57.6 76.7 115.1#



Abundance Ion 108.00 (107.70 to 108.70): BGC

Ion 107.00 (106.70 to 107.70): BGC





#14

Acetophenone

Concen: 1.140 ng/ul

RT: 9.17 min Scan# 950

Delta R.T. 0.01 min

Lab File: BG028575.D

Acq: 5 Sep 2017 12:21

Instrument :

BNA_G

ClientSampleId :

5-POST1

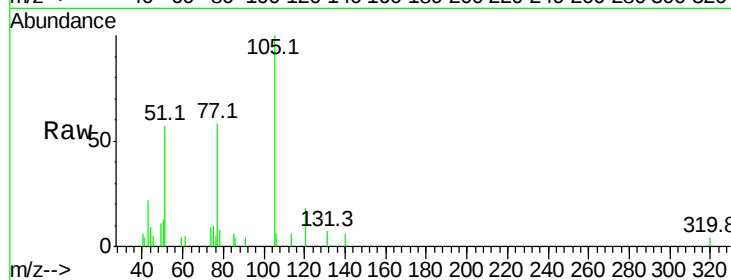
Tot Ion:105 Resp: 5247

Ion Ratio Lower Upper

105 100

77 58.3 76.0 114.0#

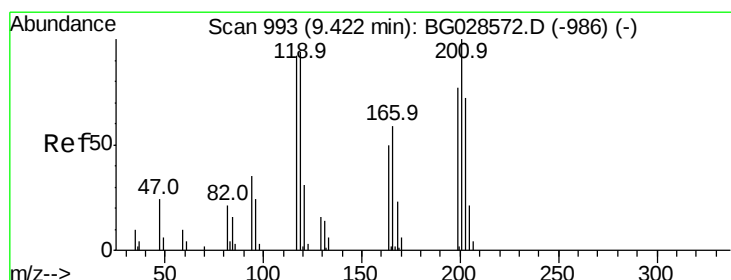
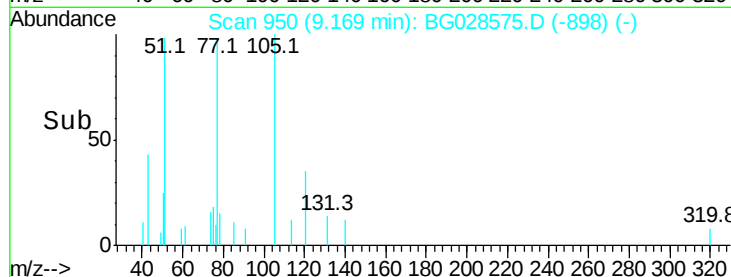
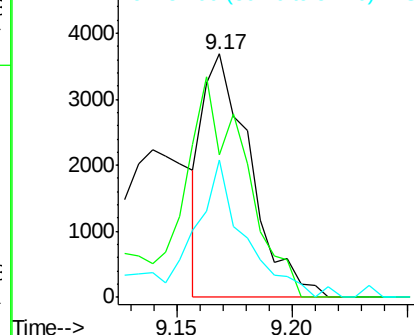
51 56.6 34.8 52.2#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#17

Hexachloroethane

Concen: 2.673 ng/ul

RT: 9.44 min Scan# 997

Delta R.T. 0.02 min

Lab File: BG028575.D

Acq: 5 Sep 2017 12:21

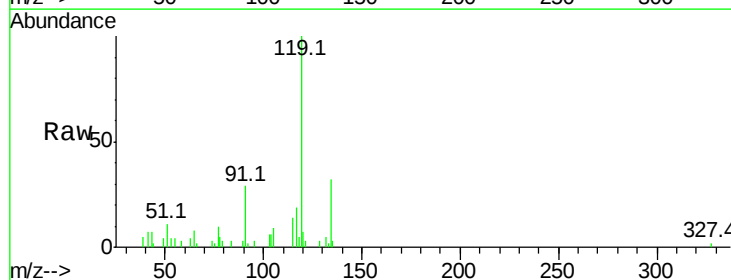
Tgt Ion:117 Resp: 2629

Ion Ratio Lower Upper

117 100

201 0.0 91.9 137.9#

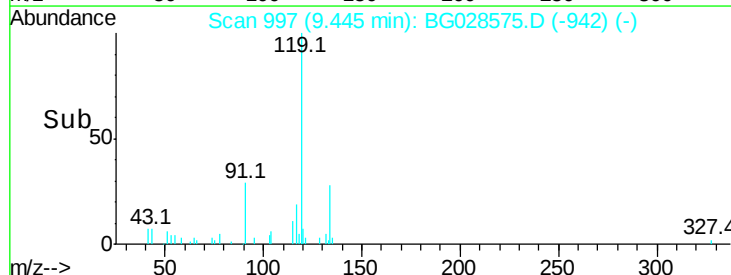
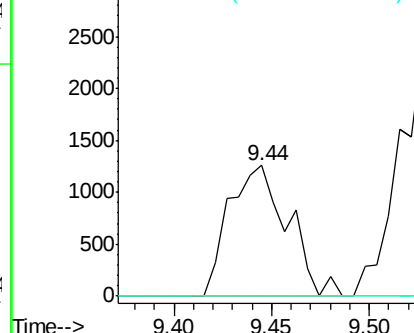
199 0.0 64.3 96.5#

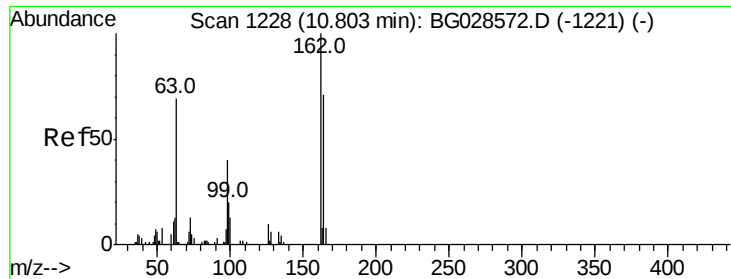


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#27

2,4-Dichlorophenol

Concen: 6.900 ng/ul

RT: 10.83 min Scan# 1233

Delta R.T. 0.03 min

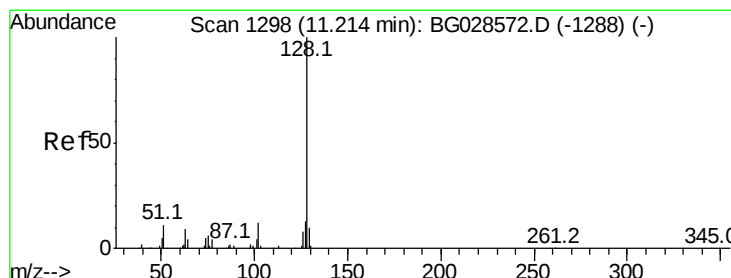
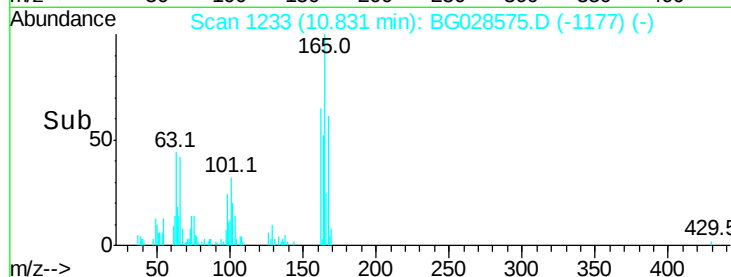
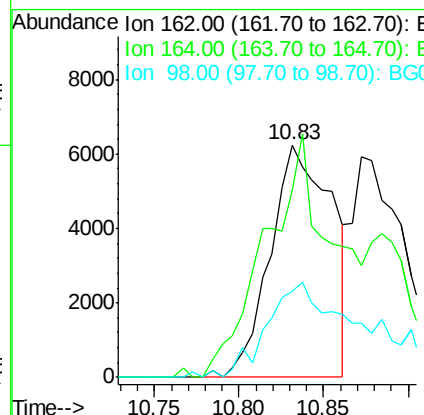
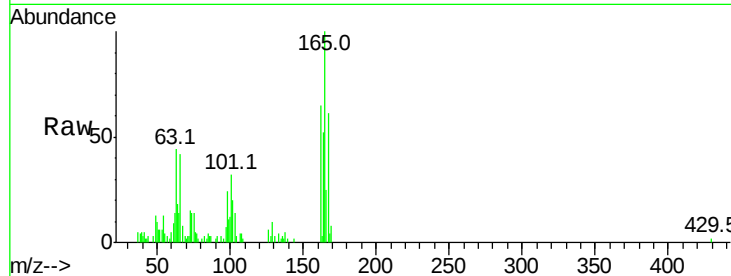
Lab File: BG028575.D

Acq: 5 Sep 2017 12:21

Instrument :
BNA_G
ClientSampleId :
5-POST1

Tot Ion:162 Resp: 15764

Ion	Ratio	Lower	Upper
162	100		
164	80.8	50.8	76.2#
98	37.0	32.1	48.1



#28

Naphthalene

Concen: 15.805 ng/ul

RT: 11.24 min Scan# 1303

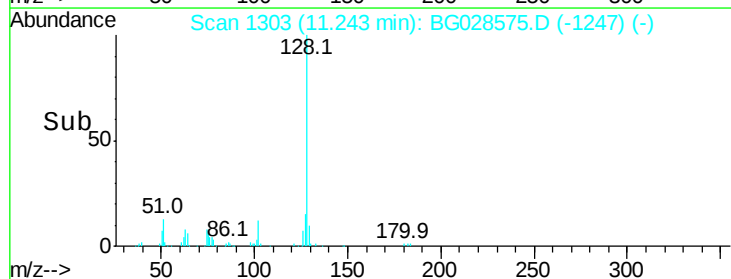
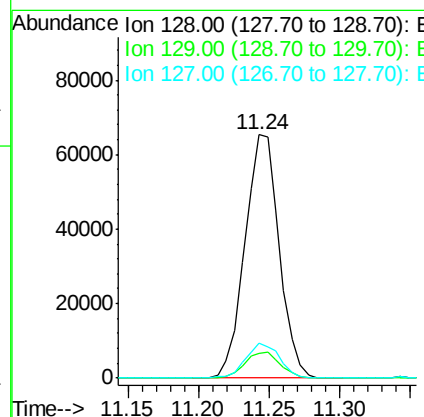
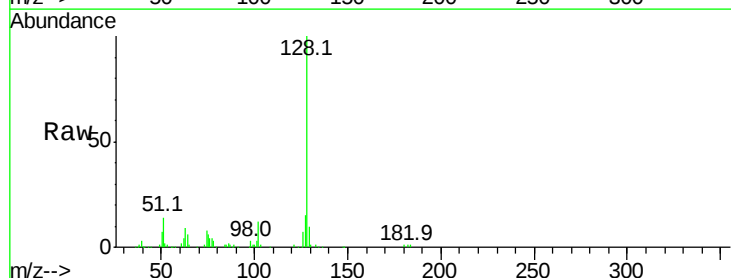
Delta R.T. 0.03 min

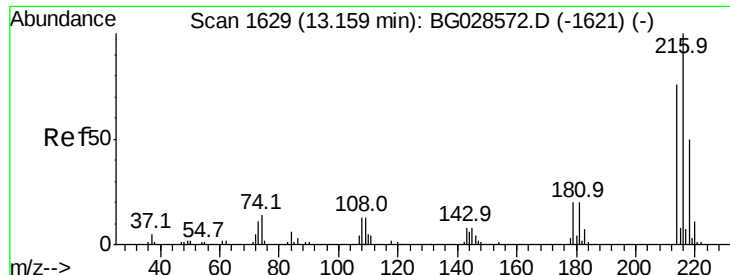
Lab File: BG028575.D

Acq: 5 Sep 2017 12:21

Tgt Ion:128 Resp: 110749

Ion	Ratio	Lower	Upper
128	100		
129	9.9	9.4	14.2
127	14.6	10.3	15.5

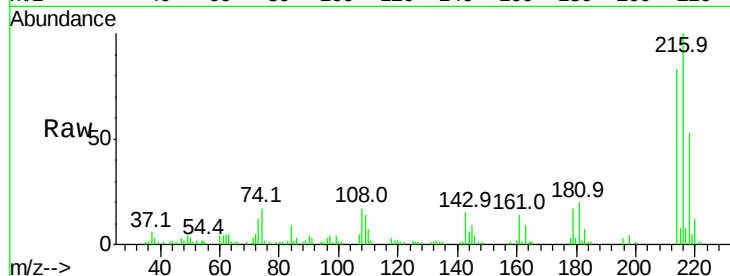




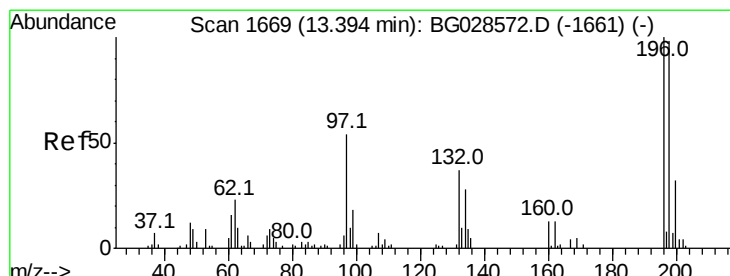
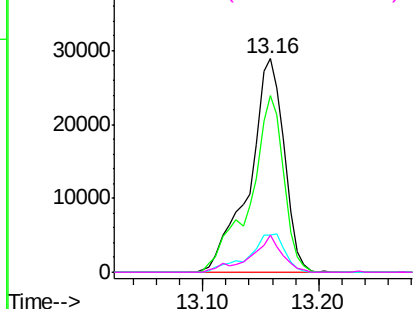
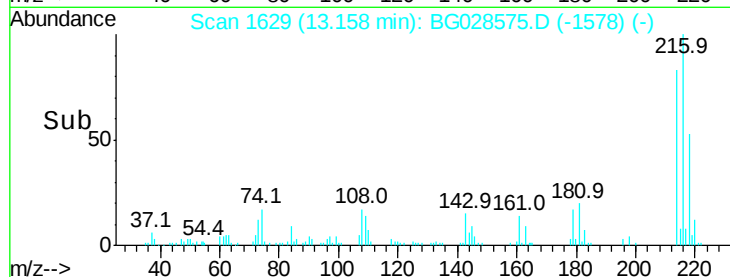
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.954 ng/ul
 RT: 13.16 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BG028575.D
 Acq: 5 Sep 2017 12:21

Instrument :
 BNA_G
 ClientSampleId :
 5-POST1

Tot Ion:216 Resp: 60529
 Ion Ratio Lower Upper
 216 100
 214 82.7 67.0 100.6
 179 17.5 18.1 27.1#
 108 17.4 14.1 21.1

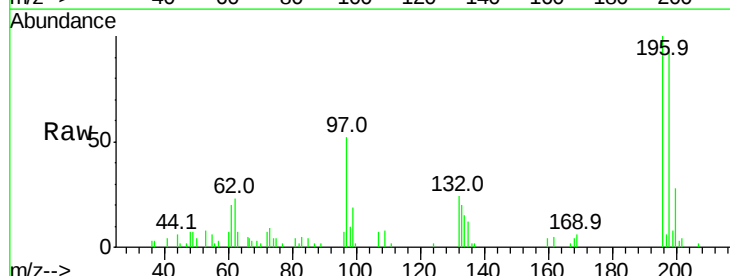


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

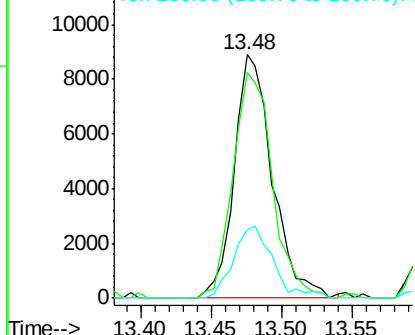
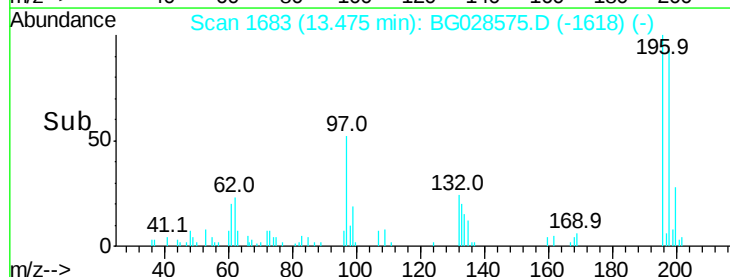


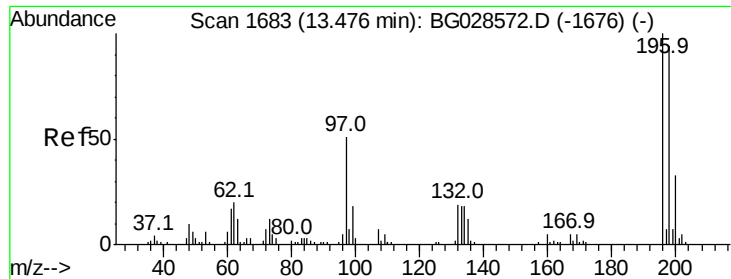
#38
 2,4,6-Trichlorophenol
 Concen: 8.899 ng/ul
 RT: 13.48 min Scan# 1683
 Delta R.T. 0.08 min
 Lab File: BG028575.D
 Acq: 5 Sep 2017 12:21

Tgt Ion:196 Resp: 16824
 Ion Ratio Lower Upper
 196 100
 198 92.7 71.4 107.2
 200 28.0 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#39

2,4,5-Trichlorophenol

Concen: 8.164 ng/ul

RT: 13.48 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BG028575.D

Acq: 5 Sep 2017 12:21

Instrument :

BNA_G

ClientSampleId :

5-POST1

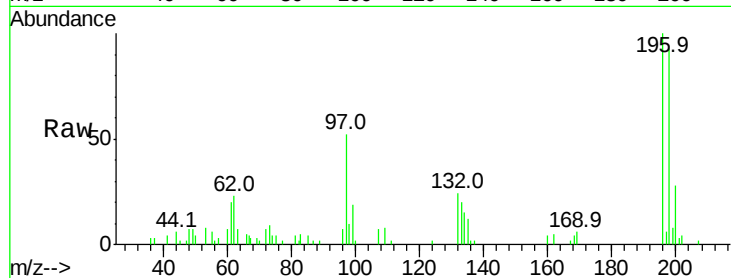
Tot Ion:196 Resp: 16824

Ion Ratio Lower Upper

196 100

198 92.7 78.6 118.0

200 28.0 27.3 40.9



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

