

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

Manual Integrations
 APPROVED

Sohil
 9/6/2017 5:13:14 PM

Quant Time: Sep 06 04:34:14 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	17.70	188	234019m	20.00	ng/ul	0.00
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	9560m	7.18	ng/ul	0.02
57) Fluorene-d10	15.94	176	242214	32.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	46611m	30.66	ng/ul	0.00
70) Anthracene-d10	17.80	188	411131	36.64	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	
11) 2-Methylphenol	8.78	108	4449	1.642	ng/ul#	61
16) 4-Methylphenol	9.10	108	4600m	1.504	ng/ul	
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
39) 2,4,5-Trichlorophenol	13.48	196	16824	8.164	ng/ul	93
72) Carbazole	18.11	167	12685m	1.212	ng/ul	

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

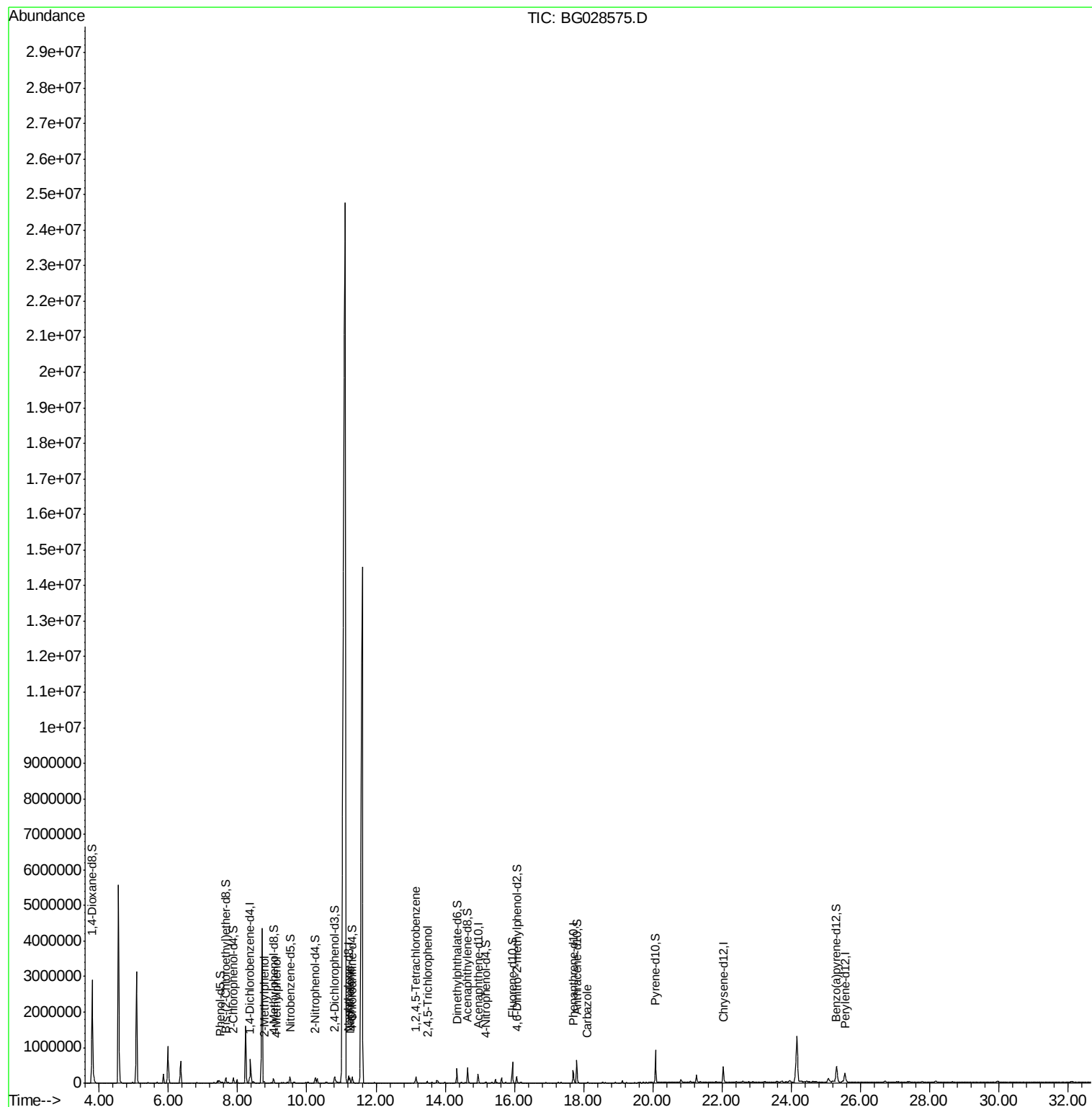
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG090517\
Data File : BG028575.D
Acq On : 5 Sep 2017 12:21
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ALS Vial : 5 Sample Multiplier: 1

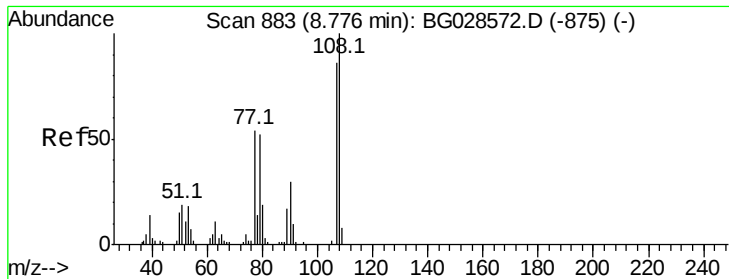
Instrument :
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Quant Time: Sep 06 04:34:14 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 06 04:00:37 2017
Response via : Initial Calibration





#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

Instrument :

BNA_G

ClientSampled :

5-POST1

Tot Ion:108 Resp: 4449

Ion Ratio Lower Upper

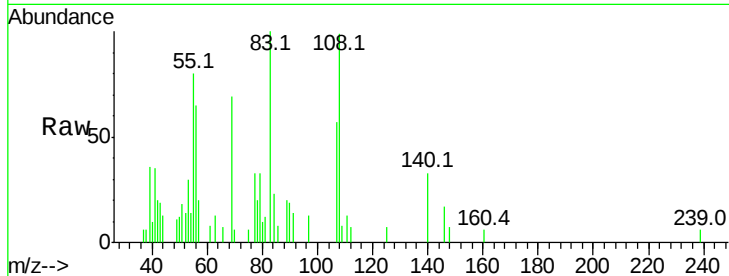
108 100

107 57.6 76.7 115.1#

Manual Integrations
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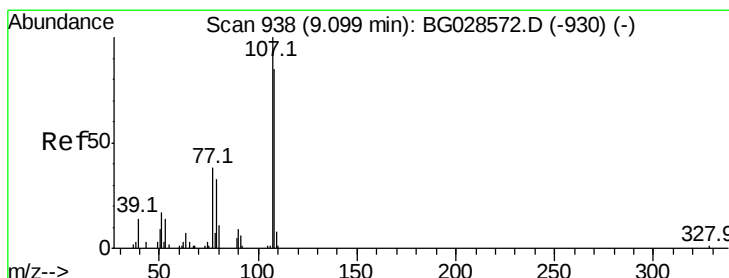
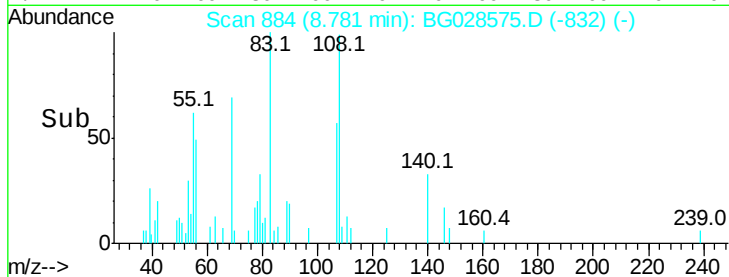
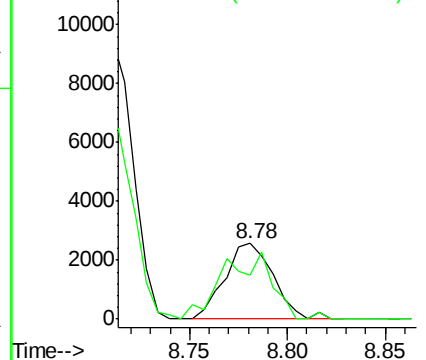
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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#16

4-Methylphenol

Concen: 1.504 ng/ul m

RT: 9.10 min Scan# 939

Delta R.T. 0.01 min

Lab File: BG028575.D

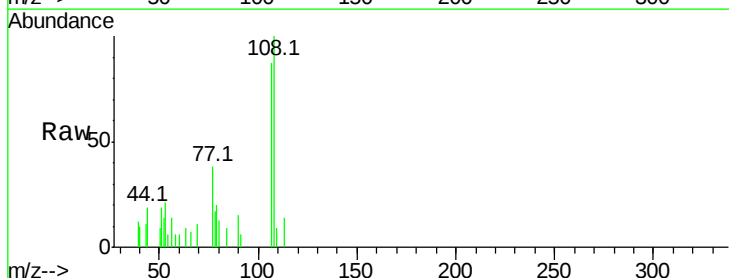
Acq: 5 Sep 2017 12:21

Tgt Ion:108 Resp: 4600

Ion Ratio Lower Upper

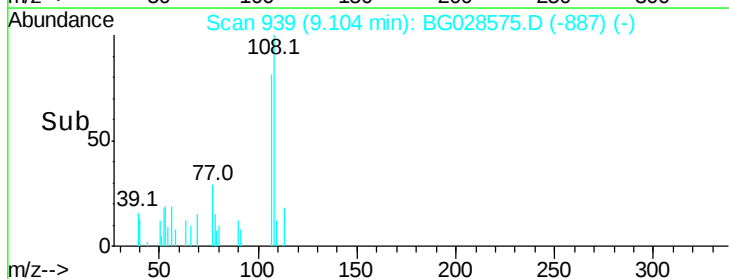
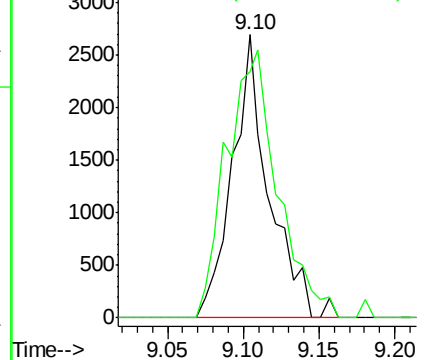
108 100

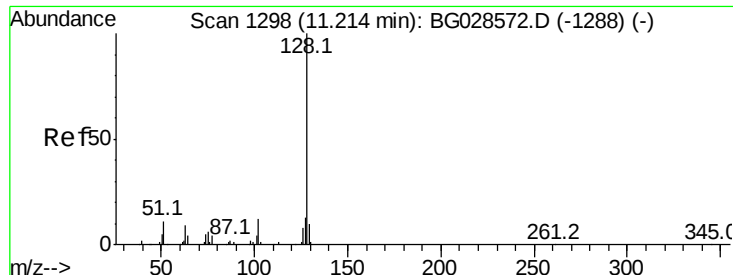
107 87.0 91.7 137.5#



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





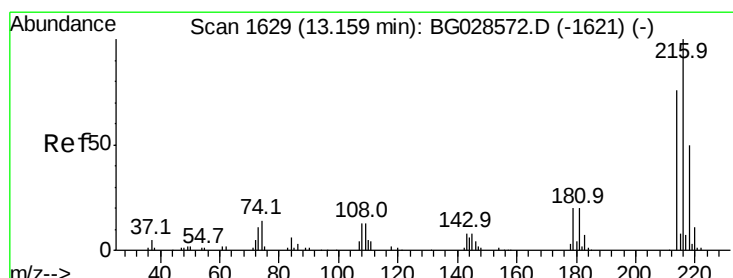
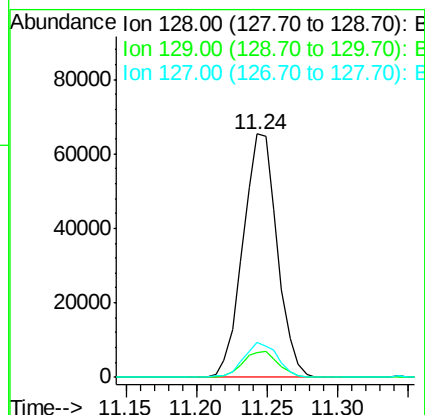
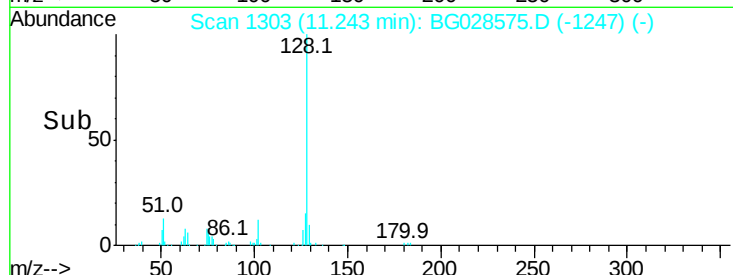
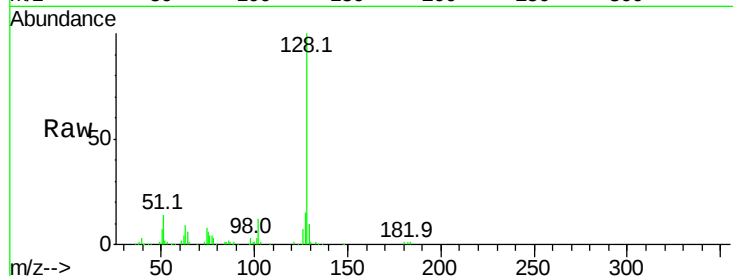
#28
Naphthalene
Concen: 15.805 ng/ul
RT: 11.24 min Scan# 1303
Delta R.T. 0.03 min
Lab File: BG028575.D
Acq: 5 Sep 2017 12:21

Instrument :
BNA_G
ClientSampleId :
5-POST1

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

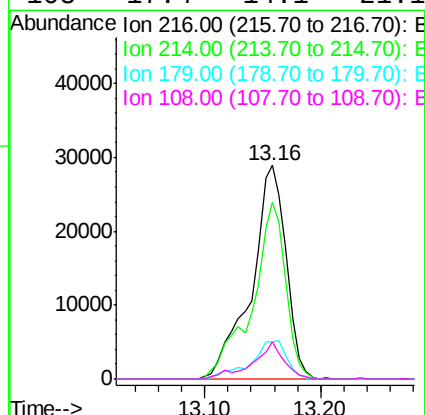
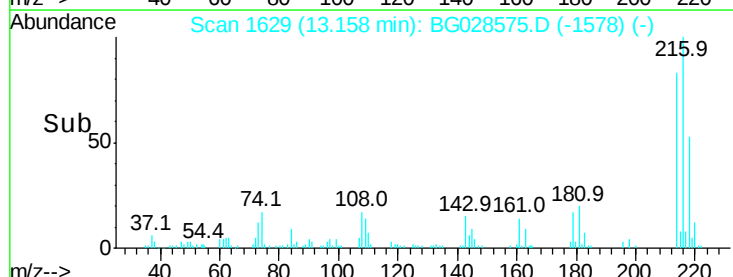
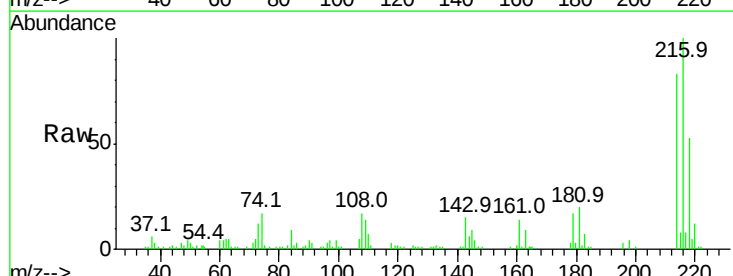
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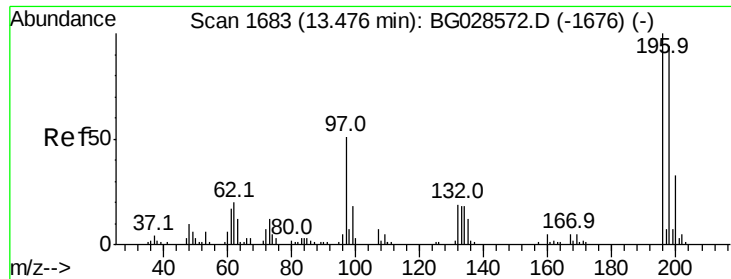
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 19.954 ng/ul
RT: 13.16 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BG028575.D
Acq: 5 Sep 2017 12:21

Tgt 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





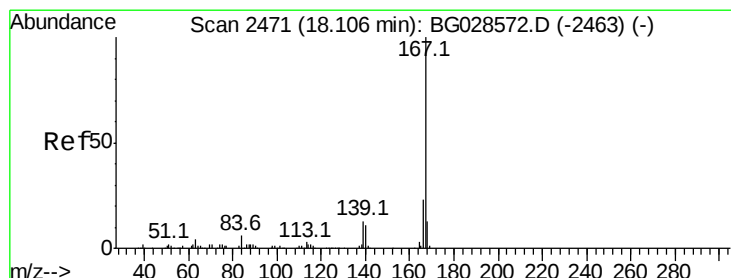
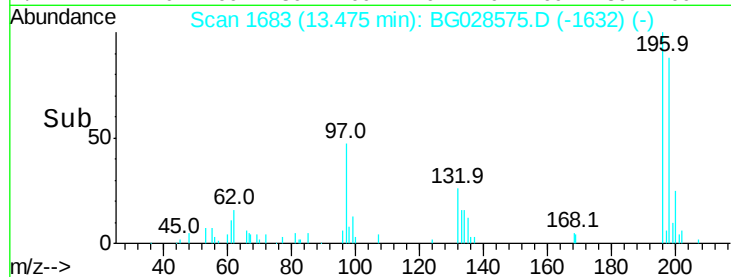
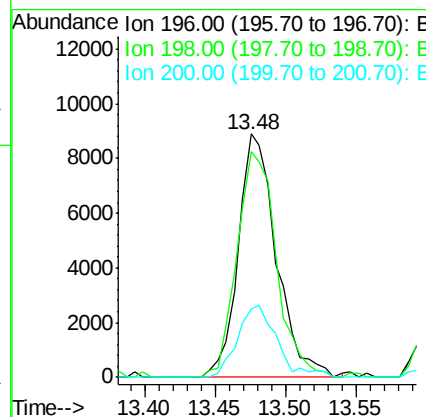
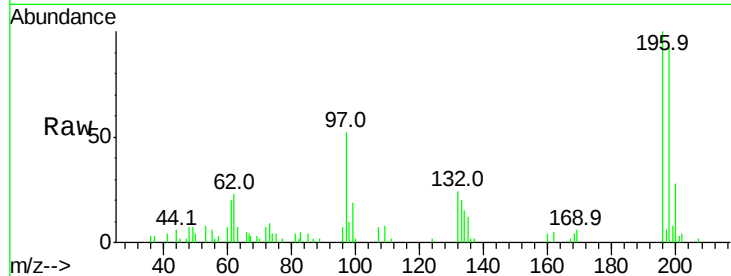
#39
 2,4,5-Trichlorophenol
 Concen: 8.164 ng/ul
 RT: 13.48 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG028575.D
 Acq: 5 Sep 2017 12:21

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

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#72
 Carbazole
 Concen: 1.212 ng/ul m
 RT: 18.11 min Scan# 2472
 Delta R.T. 0.01 min
 Lab File: BG028575.D
 Acq: 5 Sep 2017 12:21

Tgt Ion:	167	Resp:	12685
Ion Ratio	Lower	Upper	
167	100		
166	19.4	17.9	26.9
139	9.9	10.5	15.7#

