

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016862.D
 Acq On : 22 Sep 2018 10:23
 Operator : SJ/JU
 Sample : J5013-02DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 24 01:43:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 24 01:42:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	214144	20.00	ng/ul	0.01
18) Naphthalene-d8	10.50	136	867327	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	453263	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1011380	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1113650	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1193563	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	1876	0.37	ng/uL	0.00
5) Phenol-d5	6.89	99	22950	1.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	75320	6.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	76488	5.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	47080	3.37	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	45392	7.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	42415	8.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	81212	6.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	3602	0.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	283941	7.80	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	324970	6.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	5781	0.97	ng/ul	0.00
58) Fluorene-d10	15.35	176	256793	8.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	19112	4.60	ng/ul	0.00
71) Anthracene-d10	17.20	188	384563	7.88	ng/ul	0.00
79) Pyrene-d10	19.50	212	423025	7.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	472475	7.59	ng/ul	0.00

Target Compounds

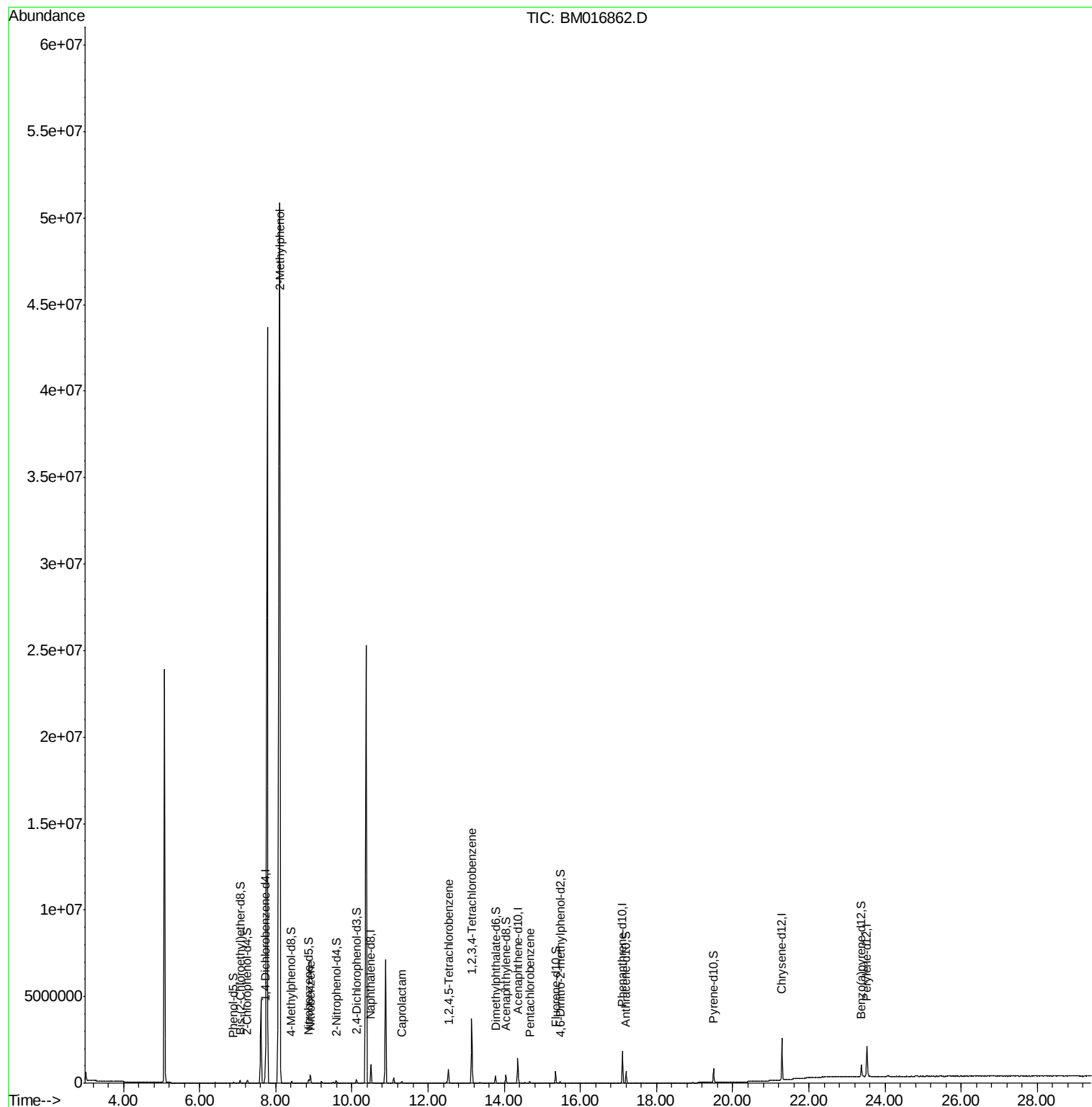
					Ovalue
11) 2-Methylphenol	8.10	108	282671	20.919 ng/ul	93
20) Nitrobenzene	8.91	77	244605	16.968 ng/ul	92
32) Caprolactam	11.31	113	6351	1.588 ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	251496	16.156 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	1116990	66.729 ng/uL	98
74) Pentachlorobenzene	14.67	250	25856	1.712 ng/uL	94

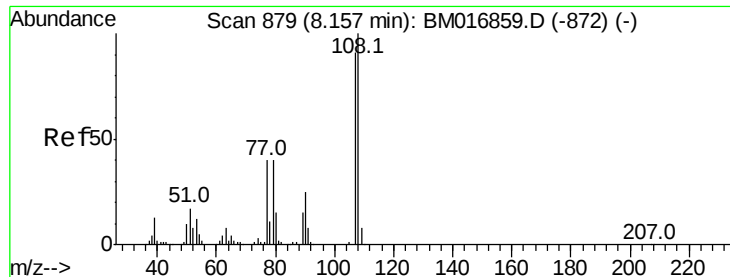
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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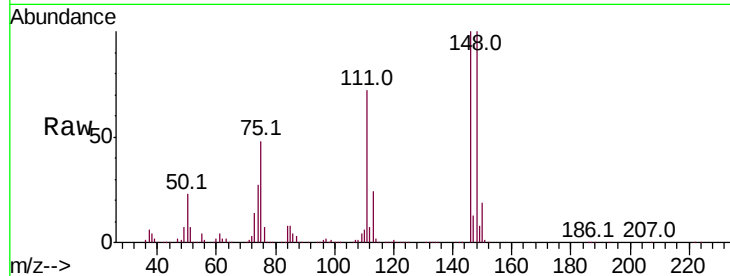




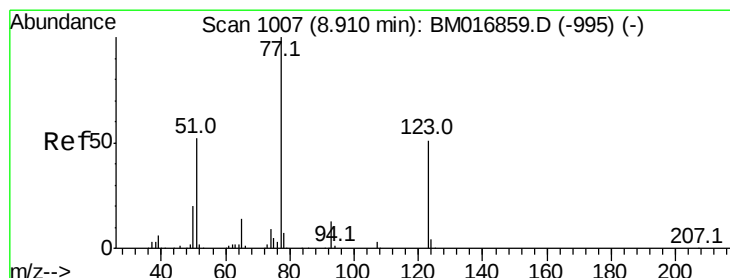
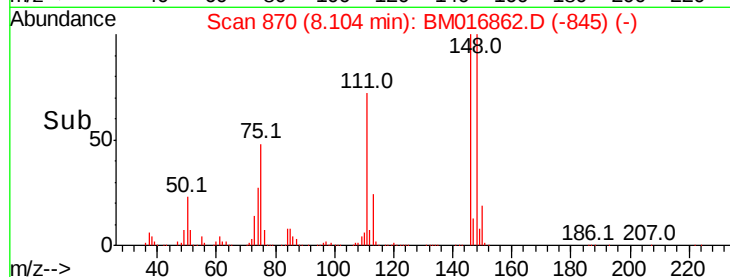
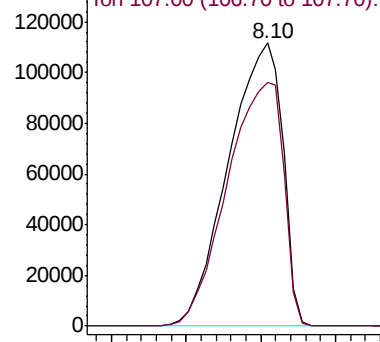
#11
2-Methylphenol
Concen: 20.919 ng/ul
RT: 8.10 min Scan# 870
Delta R.T. -0.05 min
Lab File: BM016862.D
Acq: 22 Sep 2018 10:23

Instrument :
BNA_M
ClientSampled :

Tot Ion:108 Resp: 282671
Ion Ratio Lower Upper
108 100
107 86.1 74.1 111.1

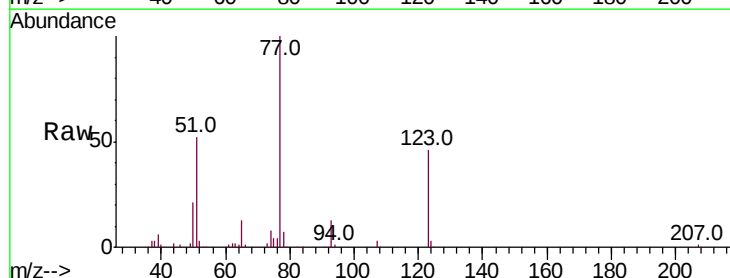


Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

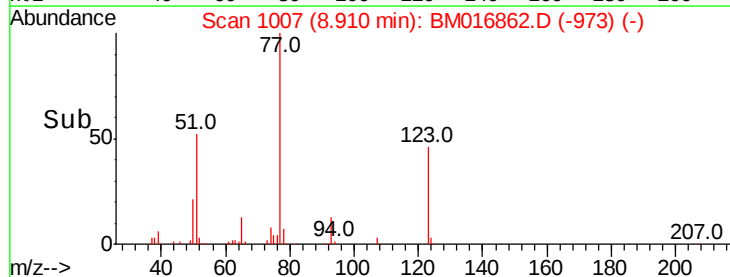
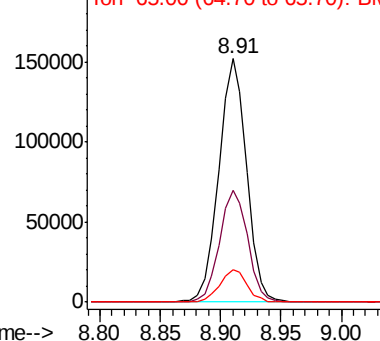


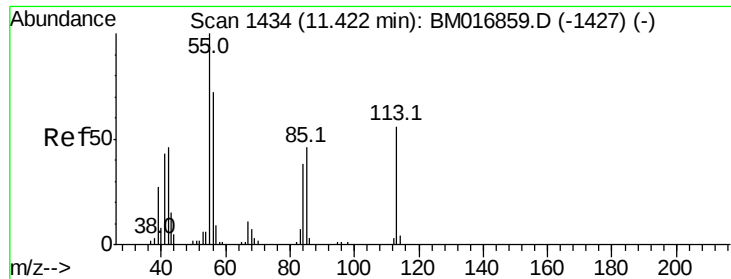
#20
Nitrobenzene
Concen: 16.968 ng/ul
RT: 8.91 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BM016862.D
Acq: 22 Sep 2018 10:23

Tgt Ion: 77 Resp: 244605
Ion Ratio Lower Upper
77 100
123 46.0 31.8 47.8
65 13.2 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0





#32

Caprolactam

Concen: 1.588 ng/ul

RT: 11.31 min Scan# 1415

Delta R.T. -0.11 min

Lab File: BM016862.D

Acq: 22 Sep 2018 10:23

Instrument :

BNA_M

ClientSampled :

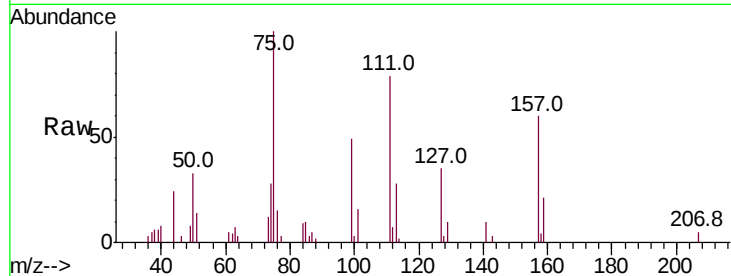
Tot Ion:113 Resp: 6351

Ion Ratio Lower Upper

113 100

55 0.0 131.7 197.5#

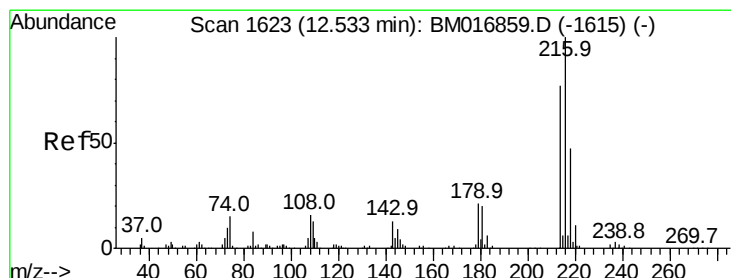
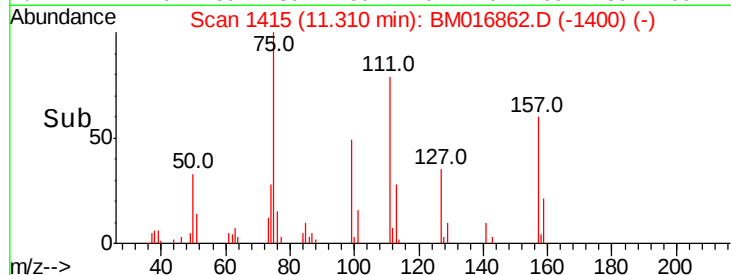
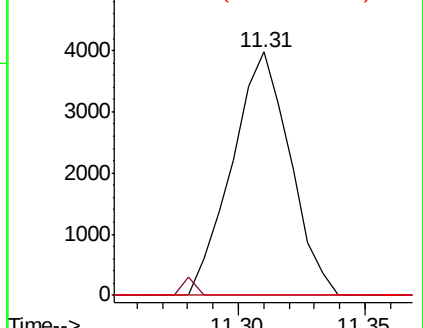
56 0.0 92.7 139.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#37

1,2,4,5-Tetrachlorobenzene

Concen: 16.156 ng/ul

RT: 12.53 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BM016862.D

Acq: 22 Sep 2018 10:23

Tgt Ion:216 Resp: 251496

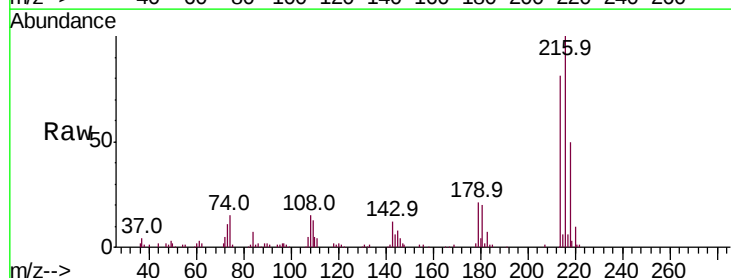
Ion Ratio Lower Upper

216 100

214 80.8 64.1 96.1

179 20.6 14.5 21.7

108 15.3 10.4 15.6

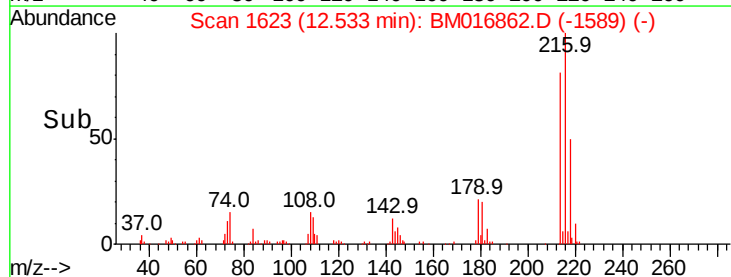
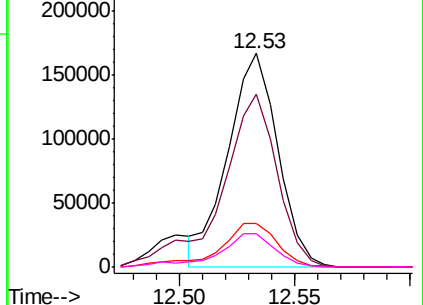


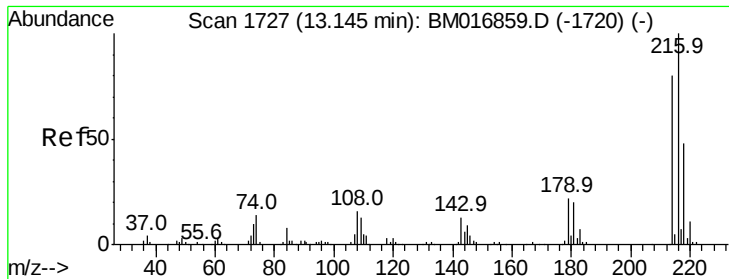
Abundance Ion 216.00 (215.70 to 216.70): E

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





#73

1,2,3,4-Tetrachlorobenzene

Concen: 66.729 ng/uL

RT: 13.15 min Scan# 1727

Delta R.T. 0.00 min

Lab File: BM016862.D

Acq: 22 Sep 2018 10:23

Instrument :

BNA_M

ClientSampleId :

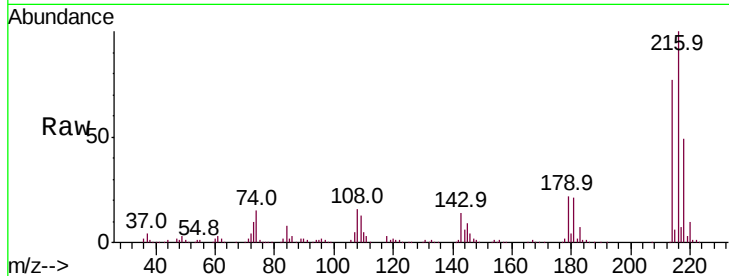
Tot Ion:216 Resp: 1116990

Ion	Ratio	Lower	Upper
216	100		
214	77.4	64.1	96.1
218	48.5	39.4	59.0

216 100

214 77.4 64.1 96.1

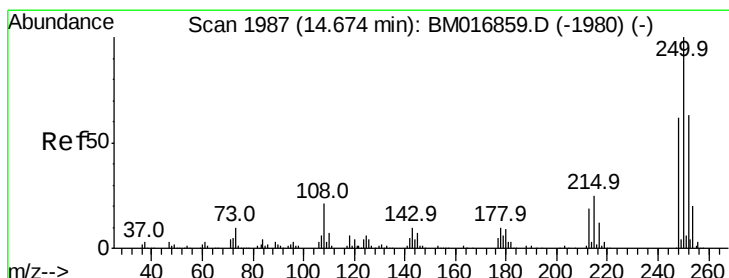
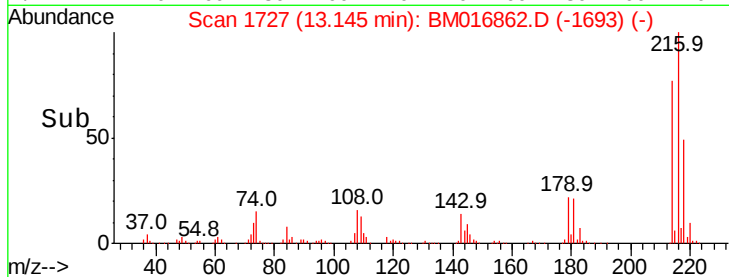
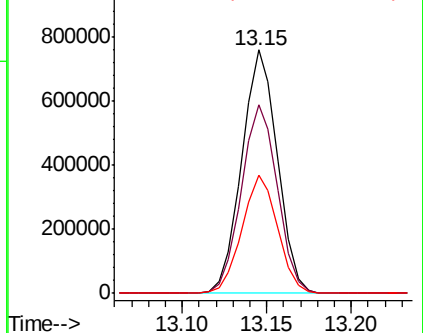
218 48.5 39.4 59.0



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#74

Pentachlorobenzene

Concen: 1.712 ng/uL

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM016862.D

Acq: 22 Sep 2018 10:23

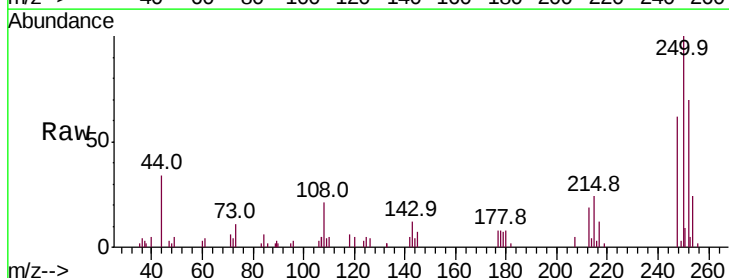
Tgt Ion:250 Resp: 25856

Ion	Ratio	Lower	Upper
250	100		
248	62.1	51.4	77.2
252	69.9	49.8	74.6

250 100

248 62.1 51.4 77.2

252 69.9 49.8 74.6



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

