

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121716\
 Data File : BM008387.D
 Acq On : 16 Dec 2016 23:26
 Operator : UM/SJ
 Sample : H6039-19DL 30X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8T3DL

Quant Time: Dec 17 03:22:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 17 03:19:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	100355	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	402196	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	280697	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	584909	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	728770	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	714403	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	16685	7.82	ng/uL	-0.02
5) Phenol-d5	6.87	99	1915	0.25	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.02	67	6287	1.40	ng/ul	0.01
9) 2-Chlorophenol-d4	7.22	132	6134	1.05	ng/ul	0.02
13) 4-Methylphenol-d8	8.39	113	4079	0.68	ng/ul	0.01
19) Nitrobenzene-d5	8.83	128	3385	1.16	ng/ul	0.01
22) 2-Nitrophenol-d4	9.55	143	4087	1.27	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.08	165	8129	1.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	10829	1.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	31486	1.69	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	37377	1.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	123	0.04	ng/ul	0.00
57) Fluorene-d10	15.30	176	31178	1.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	2130	0.61	ng/ul	0.02
70) Anthracene-d10	17.06	188	584909	22.95	ng/ul	-0.10
76) Pyrene-d10	19.46	212	48409	1.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	46841	1.56	ng/ul	0.00

Target Compounds

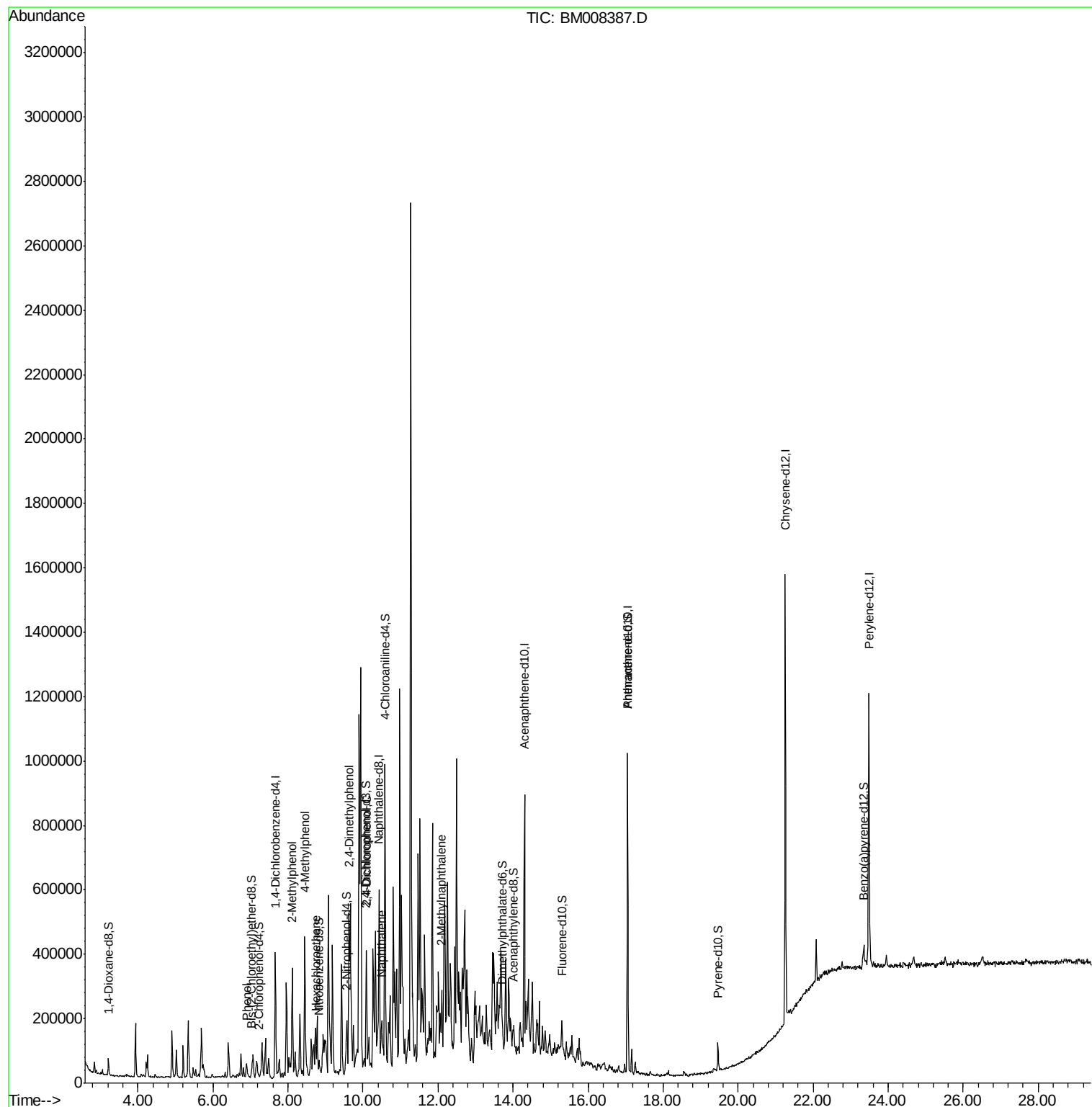
						Qvalue
6) Phenol	6.91	94	17649	2.18	ng/ul	90
11) 2-Methylphenol	8.12	108	107707	18.20	ng/ul	92
16) 4-Methylphenol	8.45	108	164951	25.71	ng/ul	91
17) Hexachloroethane	8.75	117	2888	1.07	ng/ul#	3
24) 2,4-Dimethylphenol	9.63	107	165496	22.49	ng/ul	96
27) 2,4-Dichlorophenol	10.10	162	18485	3.11	ng/ul#	26
28) Naphthalene	10.49	128	50527	2.65	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	50638	3.68	ng/ul	96

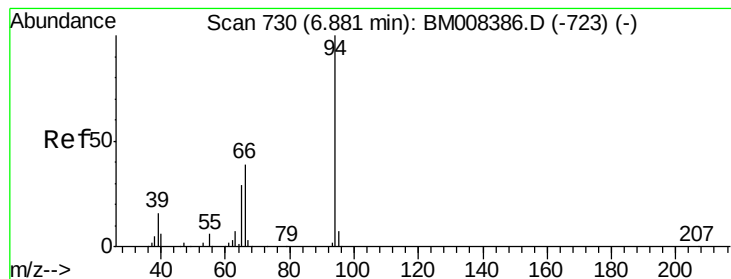
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 03:19:37 2016
Response via : Initial Calibration





#6

Phenol

Concen: 2.18 ng/ul

RT: 6.91 min Scan# 735

Delta R.T. 0.03 min

Lab File: BM008387.D

Acq: 16 Dec 2016 23:26

Instrument :

BNA_M

ClientSampleId :

DA8T3DL

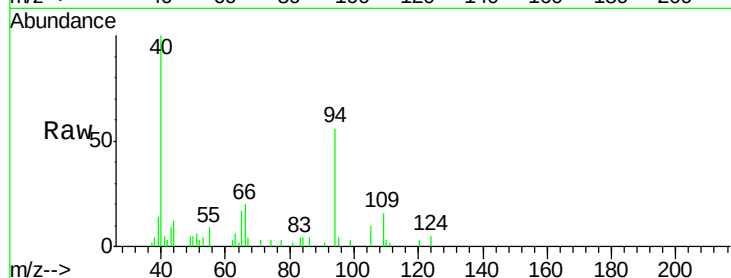
Tgt Ion: 94 Resp: 17649

Ion Ratio Lower Upper

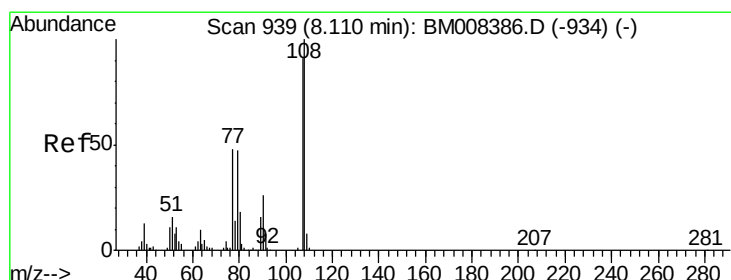
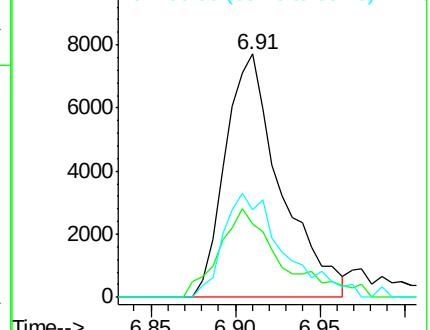
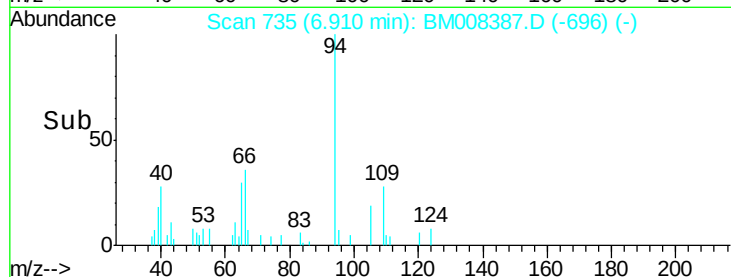
94 100

65 30.1 22.6 34.0

66 36.0 35.8 53.8



Abundance Ion 94.00 (93.70 to 94.70): BM008387.D (-696) (-)



#11

2-Methylphenol

Concen: 18.20 ng/ul

RT: 8.12 min Scan# 940

Delta R.T. 0.01 min

Lab File: BM008387.D

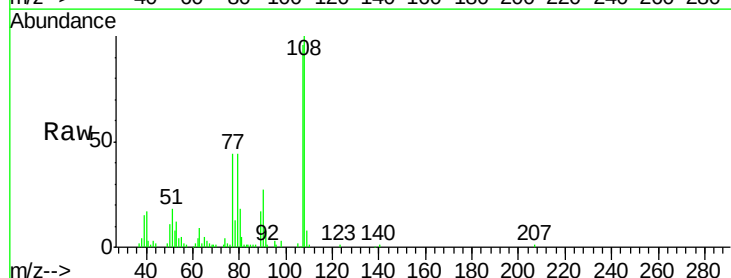
Acq: 16 Dec 2016 23:26

Tgt Ion: 108 Resp: 107707

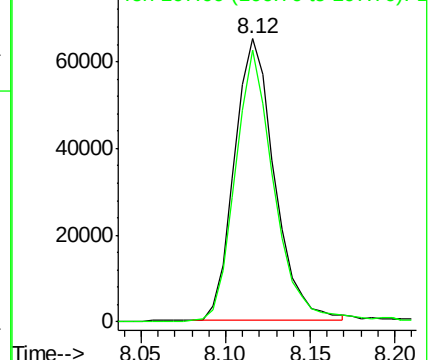
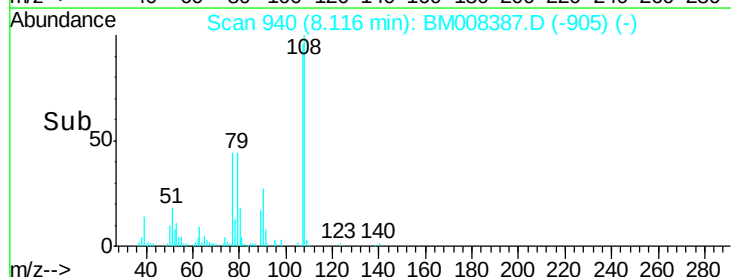
Ion Ratio Lower Upper

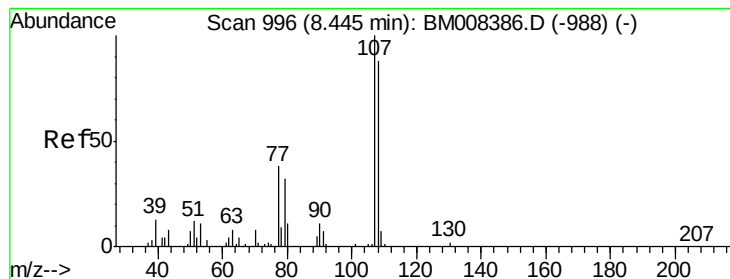
108 100

107 96.1 70.8 106.2



Abundance Ion 108.00 (107.70 to 108.70): BM008387.D (-905) (-)





#16

4-Methylphenol

Concen: 25.71 ng/ul

RT: 8.45 min Scan# 997

Delta R.T. 0.01 min

Lab File: BM008387.D

Acq: 16 Dec 2016 23:26

Instrument :

BNA_M

ClientSampleId :

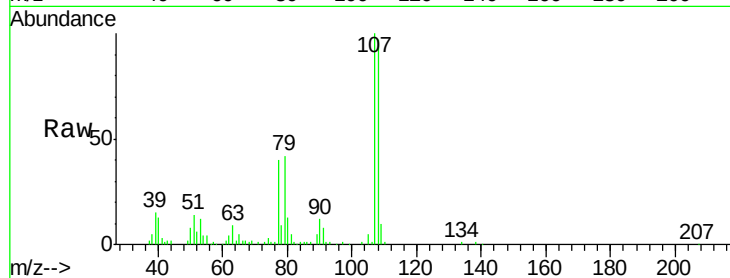
DA8T3DL

Tgt Ion:108 Resp: 164951

Ion Ratio Lower Upper

108 100

107 103.1 90.6 135.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.45

100000

80000

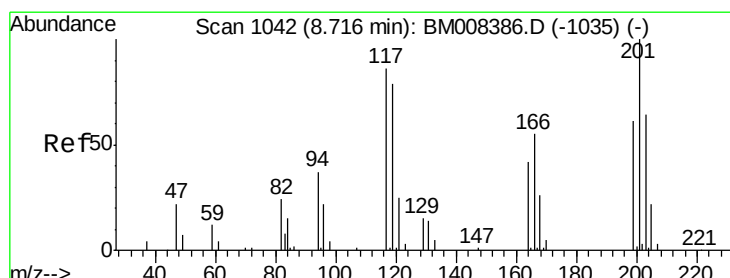
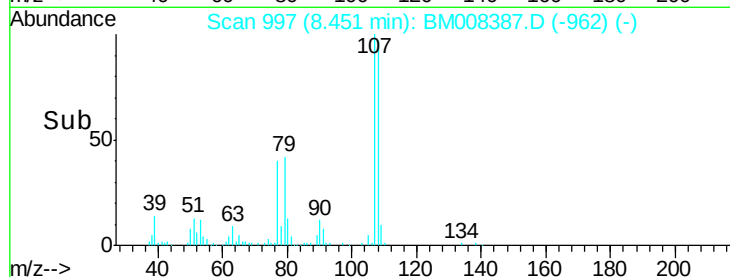
60000

40000

20000

0

Time-->



#17

Hexachloroethane

Concen: 1.07 ng/ul

RT: 8.75 min Scan# 1048

Delta R.T. 0.04 min

Lab File: BM008387.D

Acq: 16 Dec 2016 23:26

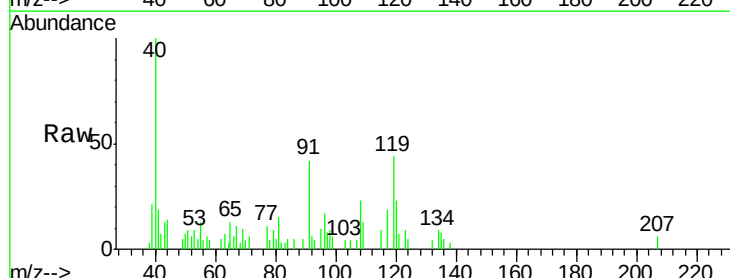
Tgt Ion:117 Resp: 2888

Ion Ratio Lower Upper

117 100

201 0.0 88.1 132.1#

199 0.0 54.9 82.3#



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

8.75

2500

2000

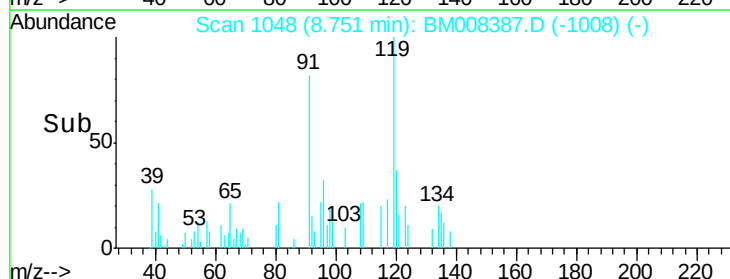
1500

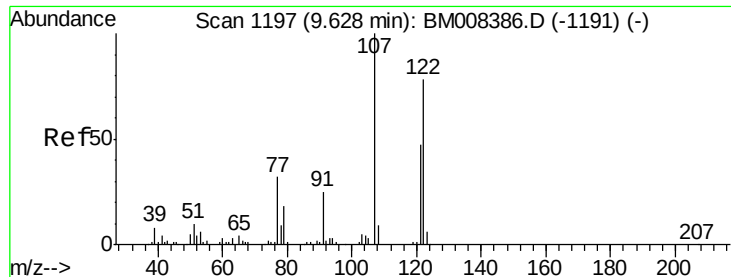
1000

500

0

Time-->





#24

2,4-Dimethylphenol

Concen: 22.49 ng/ul

RT: 9.63 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BM008387.D

Acq: 16 Dec 2016 23:26

Instrument :

BNA_M

ClientSampleId :

DA8T3DL

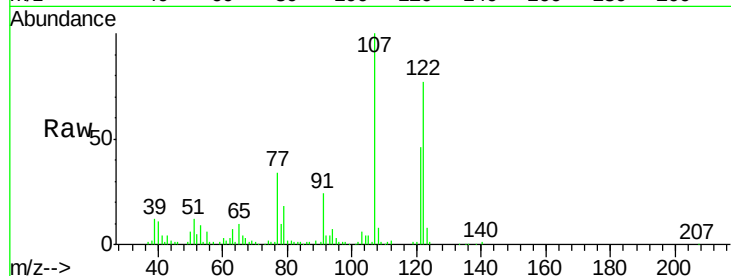
Tgt Ion:107 Resp: 165496

Ion Ratio Lower Upper

107 100

121 45.7 37.3 55.9

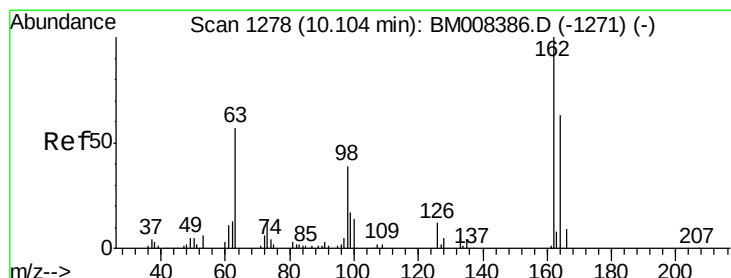
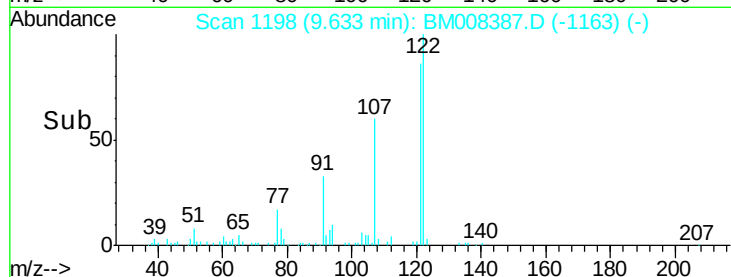
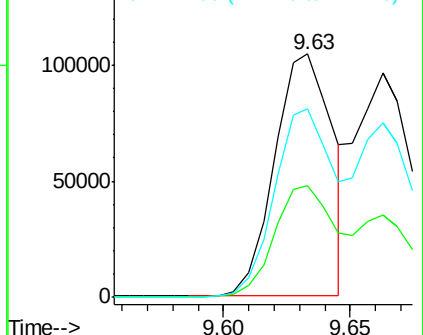
122 77.4 58.2 87.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#27

2,4-Dichlorophenol

Concen: 3.11 ng/ul

RT: 10.10 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BM008387.D

Acq: 16 Dec 2016 23:26

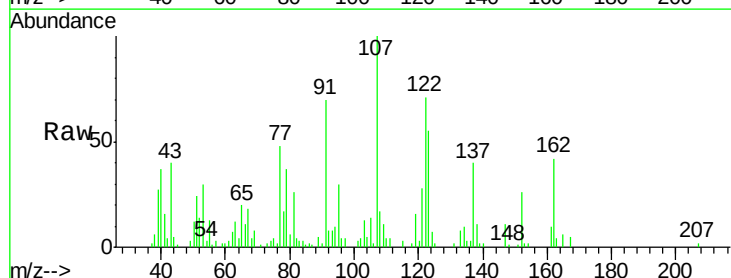
Tgt Ion:162 Resp: 18485

Ion Ratio Lower Upper

162 100

164 0.0 50.4 75.6#

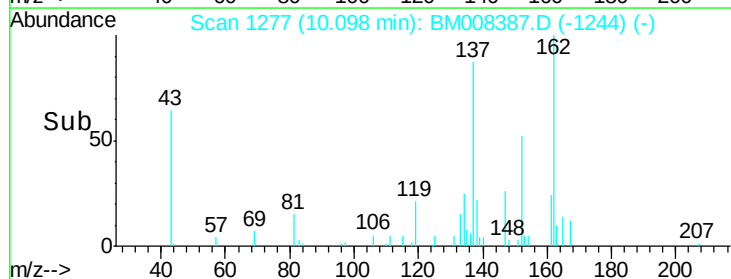
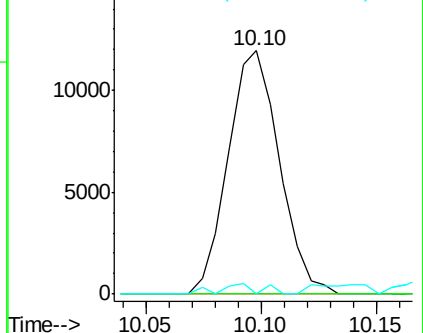
98 0.0 29.1 43.7#

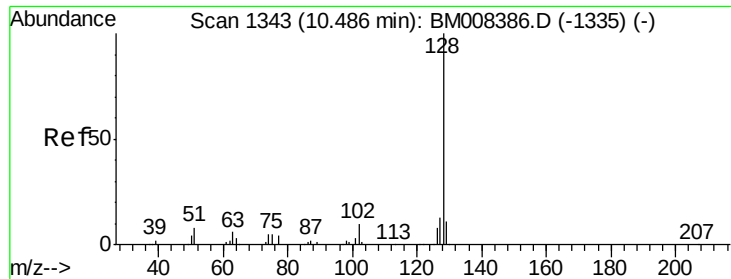


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM

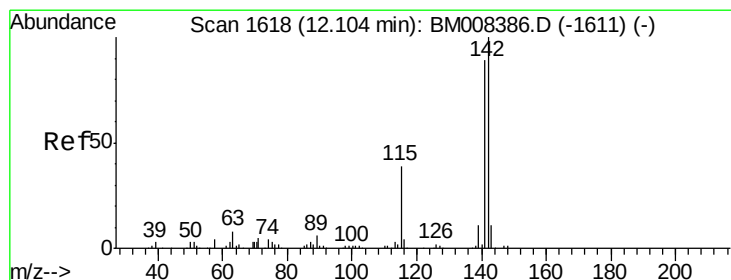
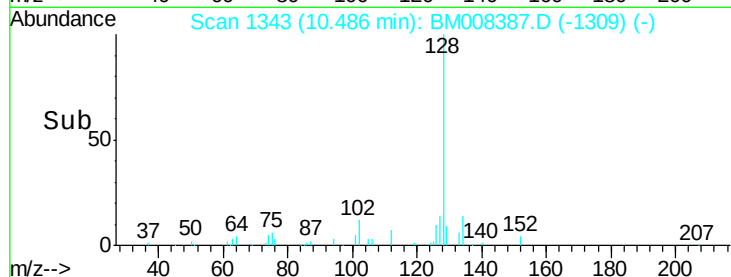
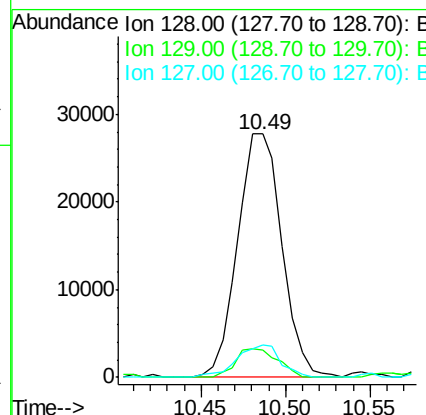
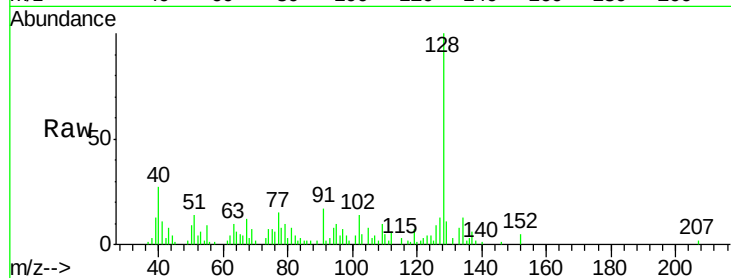




#28
Naphthalene
Concen: 2.65 ng/ul
RT: 10.49 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BM008387.D
Acq: 16 Dec 2016 23:26

Instrument :
BNA_M
ClientSampleId :
DA8T3DL

Tgt Ion:128 Resp: 50527
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 13.4 10.4 15.6



#34
2-Methylnaphthalene
Concen: 3.68 ng/ul
RT: 12.10 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BM008387.D
Acq: 16 Dec 2016 23:26

Tgt Ion:142 Resp: 50638
Ion Ratio Lower Upper
142 100
141 85.6 71.1 106.7

