

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
 Data File : BM004645.D
 Acq On : 16 Mar 2016 21:07
 Operator : UM/SJ
 Sample : H1783-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB2

Quant Time: Mar 17 02:10:34 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 17 01:59:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	33877	20.00	ng/ul	0.02
18) Naphthalene-d8	10.68	136	237438	20.00	ng/ul	0.05
36) Acenaphthene-d10	14.48	164	124013	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	273775	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	330694	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	328873	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	2104	2.14	ng/uL	0.00
5) Phenol-d5	7.00	99	37641	13.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	109710	69.53	ng/ul	0.02
9) 2-Chlorophenol-d4	7.39	132	120811	53.91	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	71863	32.03	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	68471	41.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	71976	40.36	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	133093	38.04	ng/ul	0.01
29) 4-Chloroaniline-d4	10.79	131	2123	0.51	ng/ul	0.02
44) Dimethylphthalate-d6	13.89	166	395336	40.78	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	506636	42.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	12873	6.87	ng/ul	0.00
58) Fluorene-d10	15.47	176	350268	41.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	50814	35.32	ng/ul	0.00
71) Anthracene-d10	17.32	188	536692	42.58	ng/ul	0.00
79) Pyrene-d10	19.61	212	626903	41.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	692741	47.16	ng/ul	0.00

Target Compounds

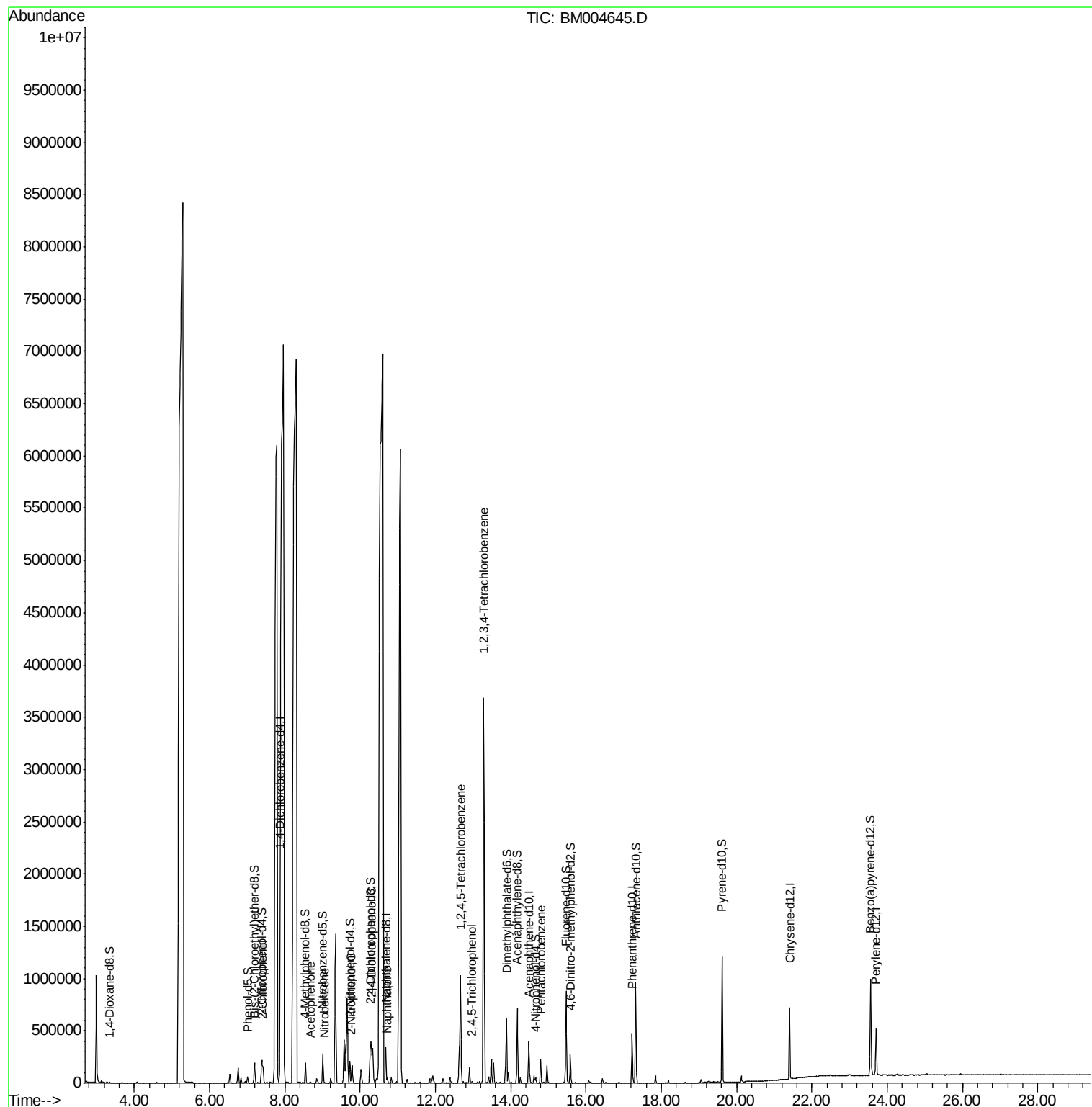
						Qvalue
10) 2-Chlorophenol	7.42	128	88791	37.53	ng/ul	95
14) Acetophenone	8.67	105	4390	1.25	ng/ul#	82
20) Nitrobenzene	9.05	77	5603	1.38	ng/ul	89
23) 2-Nitrophenol	9.76	139	2919	1.48	ng/ul#	67
27) 2,4-Dichlorophenol	10.29	162	154110	42.76	ng/ul	99
28) Naphthalene	10.72	128	36419	2.94	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.67	216	321588	81.17	ng/ul	99
40) 2,4,5-Trichlorophenol	12.97	196	6589	2.33	ng/ul	90
73) 1,2,3,4-Tetrachlorobenzene	13.28	216	1270029	337.17	ng/uL	98
74) Pentachlorobenzene	14.79	250	58184	16.01	ng/uL	98

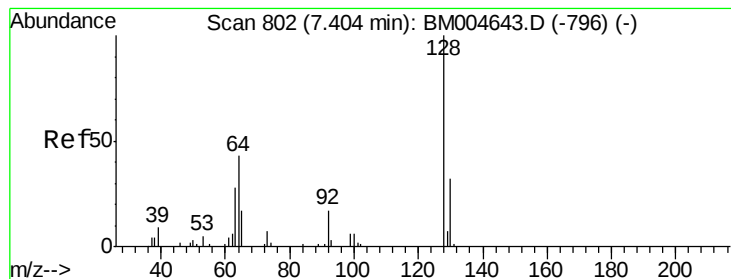
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 37.53 ng/ul

RT: 7.42 min Scan# 804

Delta R.T. 0.01 min

Lab File: BM004645.D

Acq: 16 Mar 2016 21:07

Instrument :

BNA_M

ClientSampleId :

C0AB2

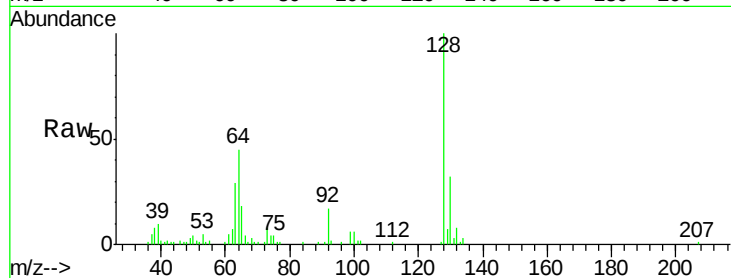
Tgt Ion:128 Resp: 88791

Ion Ratio Lower Upper

128 100

64 44.8 31.9 47.9

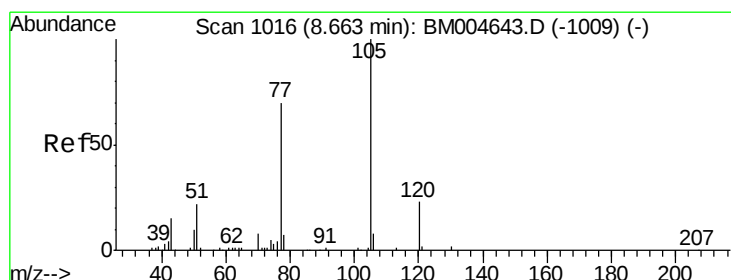
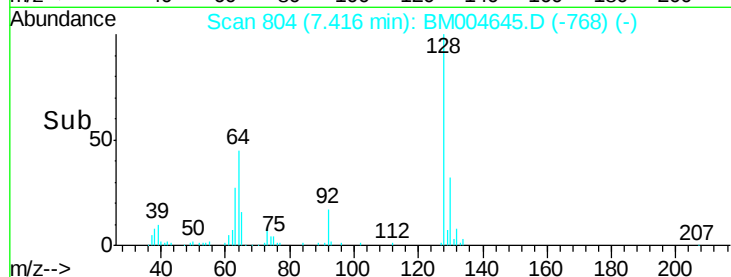
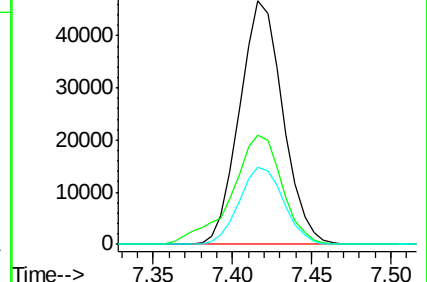
130 31.7 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#14

Acetophenone

Concen: 1.25 ng/ul

RT: 8.67 min Scan# 1017

Delta R.T. 0.01 min

Lab File: BM004645.D

Acq: 16 Mar 2016 21:07

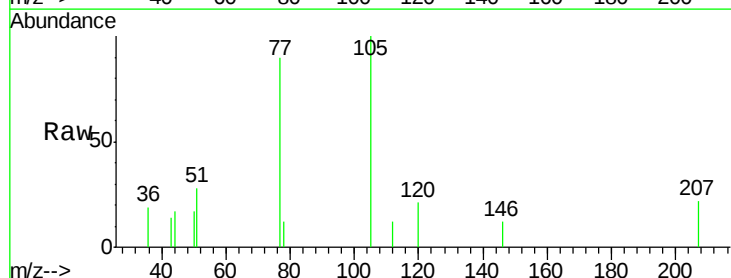
Tgt Ion:105 Resp: 4390

Ion Ratio Lower Upper

105 100

77 89.5 59.0 88.4#

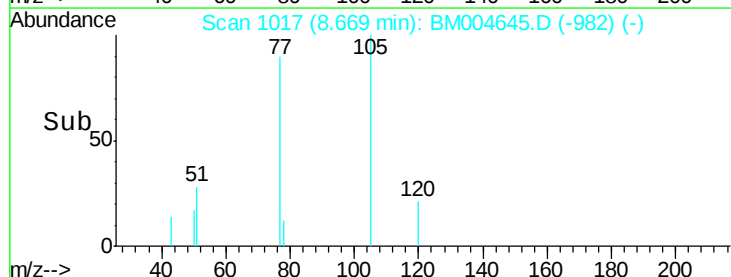
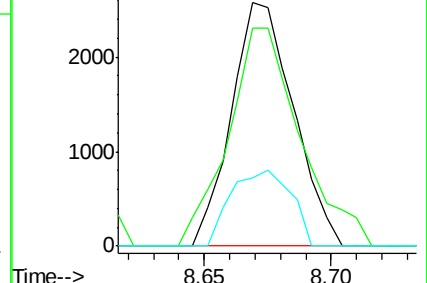
51 28.1 16.4 24.6#

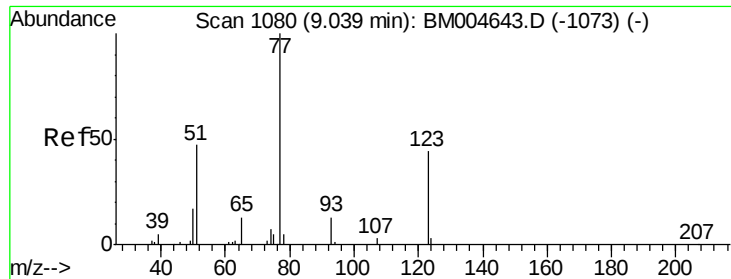


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

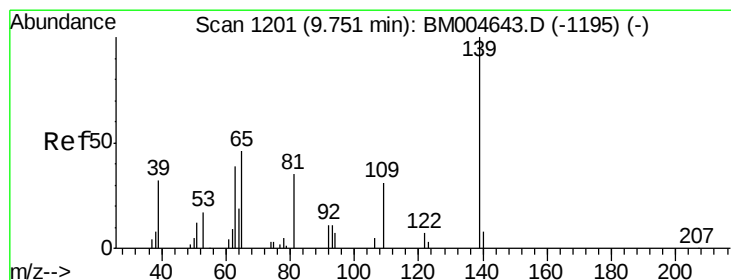
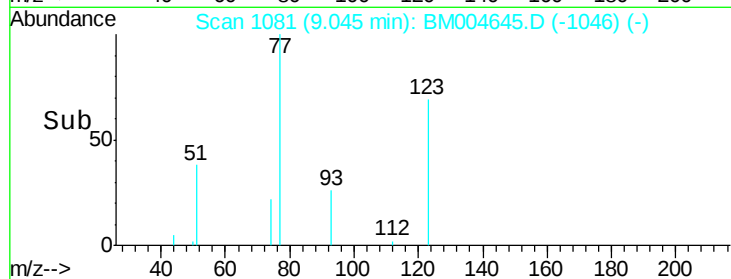
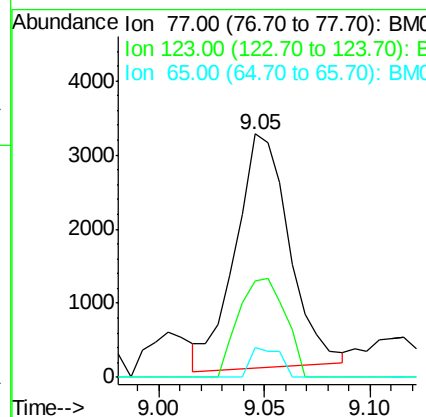
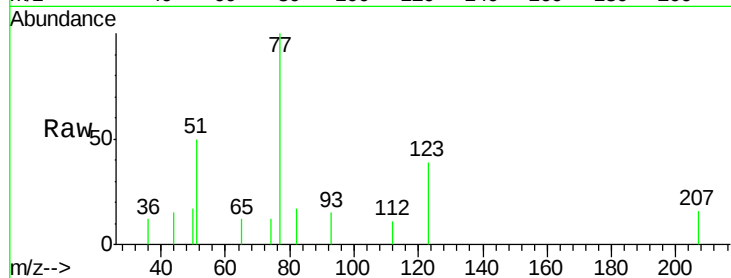




#20
Nitrobenzene
Concen: 1.38 ng/ul
RT: 9.05 min Scan# 1081
Delta R.T. 0.01 min
Lab File: BM004645.D
Acq: 16 Mar 2016 21:07

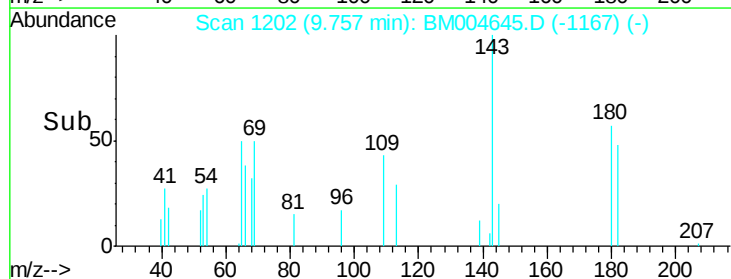
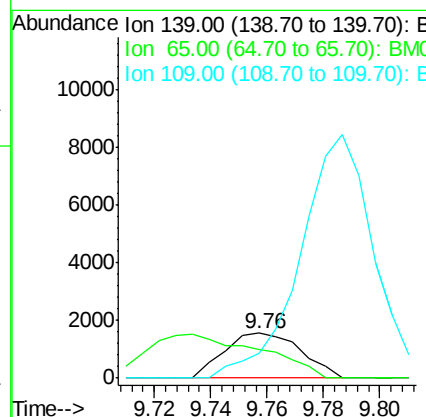
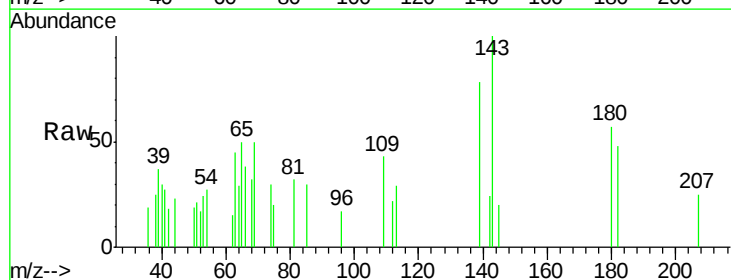
Instrument :
BNA_M
ClientSampleId :
C0AB2

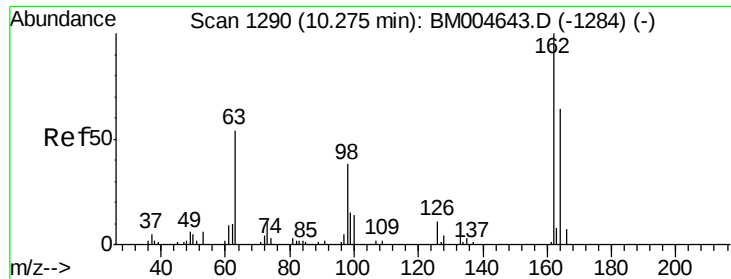
Tgt Ion: 77 Resp: 5603
Ion Ratio Lower Upper
77 100
123 39.4 39.0 58.4
65 12.5 10.4 15.6



#23
2-Nitrophenol
Concen: 1.48 ng/ul
RT: 9.76 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BM004645.D
Acq: 16 Mar 2016 21:07

Tgt Ion: 139 Resp: 2919
Ion Ratio Lower Upper
139 100
65 64.0 36.3 54.5#
109 55.4 26.4 39.6#

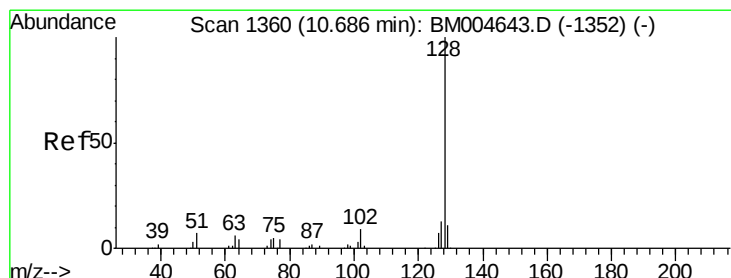
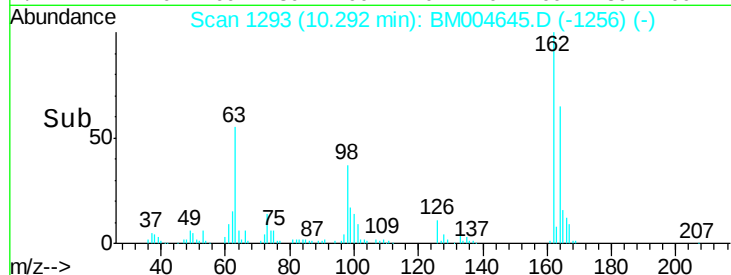
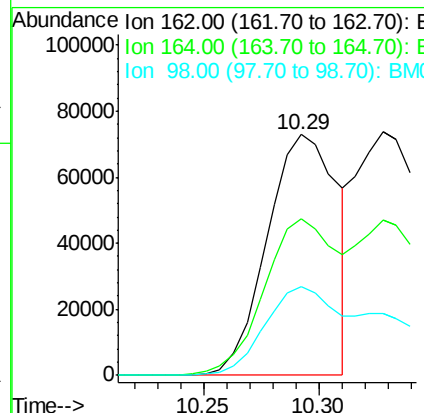
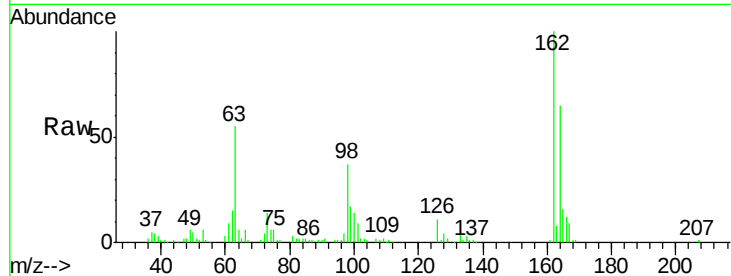




#27
2,4-Dichlorophenol
Concen: 42.76 ng/ul
RT: 10.29 min Scan# 1293
Delta R.T. 0.02 min
Lab File: BM004645.D
Acq: 16 Mar 2016 21:07

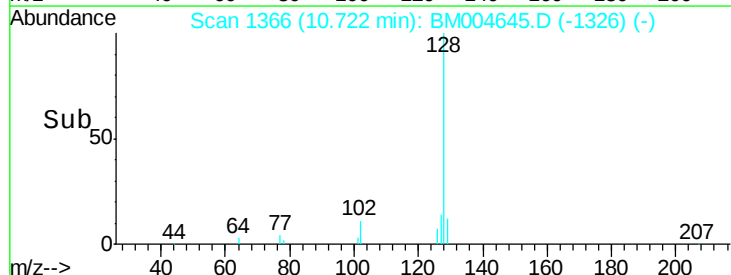
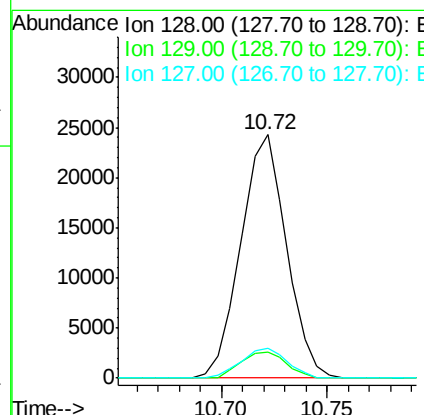
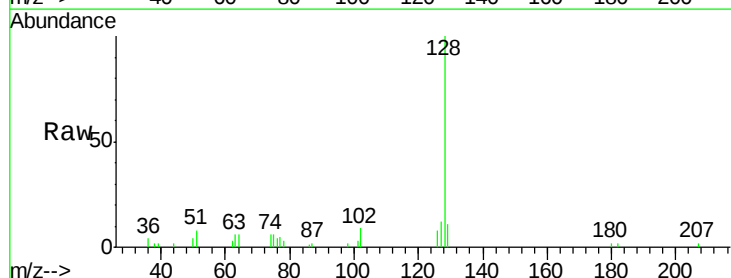
Instrument :
BNA_M
ClientSampleId :
C0AB2

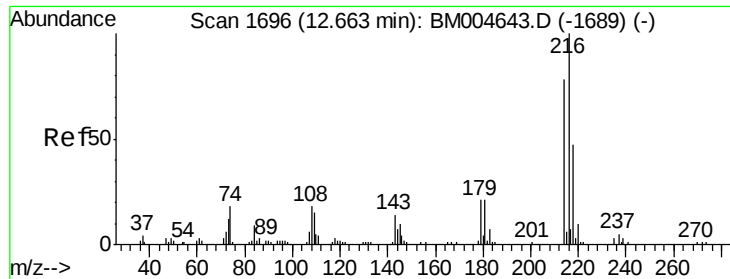
Tgt Ion:162 Resp: 154110
Ion Ratio Lower Upper
162 100
164 64.8 52.1 78.1
98 36.9 28.4 42.6



#28
Naphthalene
Concen: 2.94 ng/ul
RT: 10.72 min Scan# 1366
Delta R.T. 0.04 min
Lab File: BM004645.D
Acq: 16 Mar 2016 21:07

Tgt Ion:128 Resp: 36419
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.2 10.5 15.7





#37

1,2,4,5-Tetrachlorobenzene

Concen: 81.17 ng/ul

RT: 12.67 min Scan# 1697

Delta R.T. 0.01 min

Lab File: BM004645.D

Acq: 16 Mar 2016 21:07

Instrument :

BNA_M

ClientSampleId :

C0AB2

Tgt Ion:216 Resp: 321588

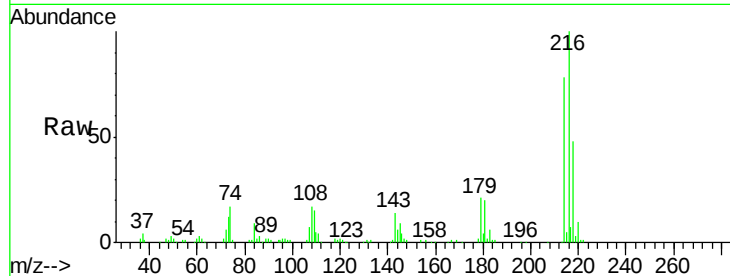
Ion Ratio Lower Upper

216 100

214 77.8 62.5 93.7

179 21.1 18.2 27.2

108 17.4 14.2 21.2

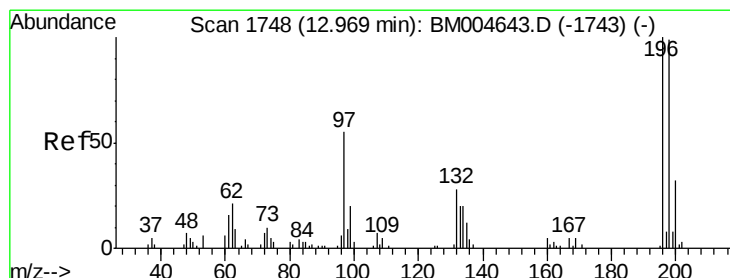
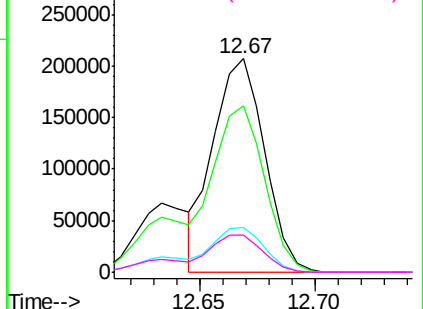
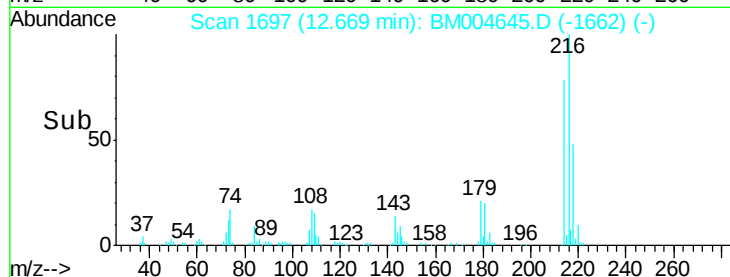


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

2,4,5-Trichlorophenol

Concen: 2.33 ng/ul

RT: 12.97 min Scan# 1748

Delta R.T. 0.00 min

Lab File: BM004645.D

Acq: 16 Mar 2016 21:07

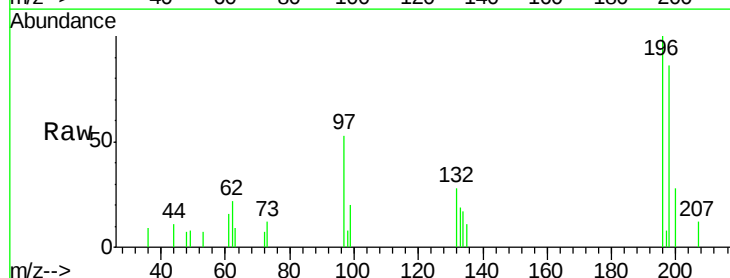
Tgt Ion:196 Resp: 6589

Ion Ratio Lower Upper

196 100

198 85.7 76.9 115.3

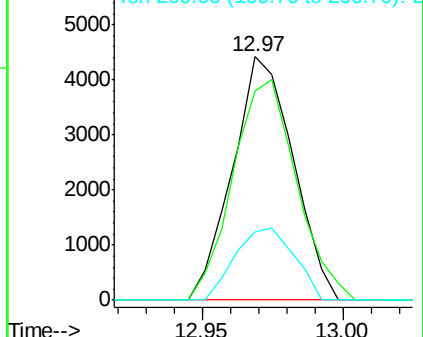
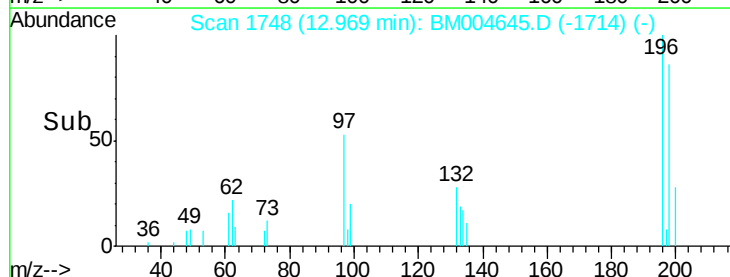
200 27.9 25.0 37.4

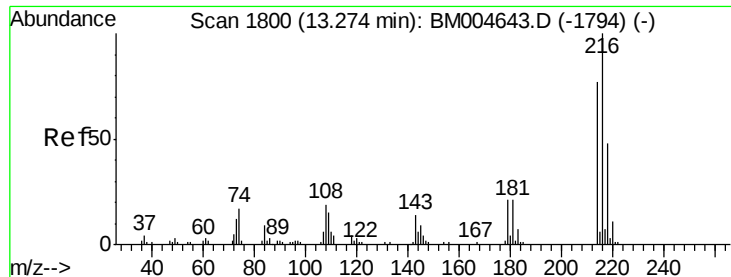


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#73

1,2,3,4-Tetrachlorobenzene

Concen: 337.17 ng/uL

RT: 13.28 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BM004645.D

Acq: 16 Mar 2016 21:07

Instrument :

BNA_M

ClientSampleId :

C0AB2

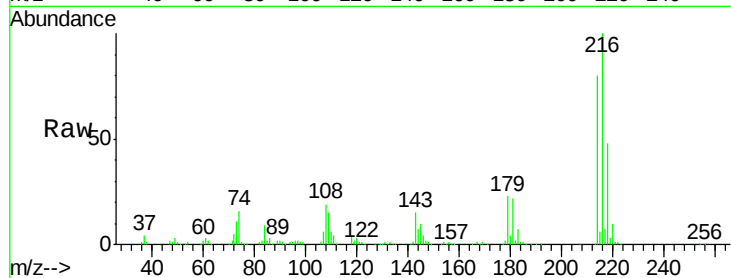
Tgt Ion:216 Resp: 1270029

Ion Ratio Lower Upper

216 100

214 80.3 62.5 93.7

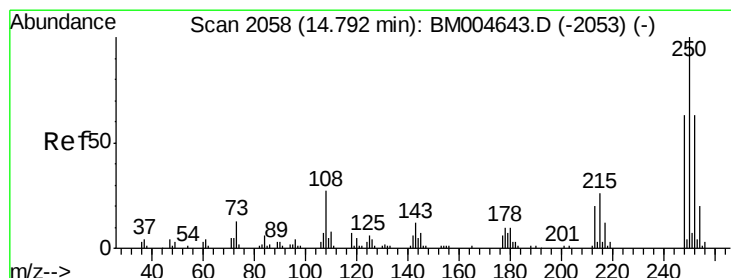
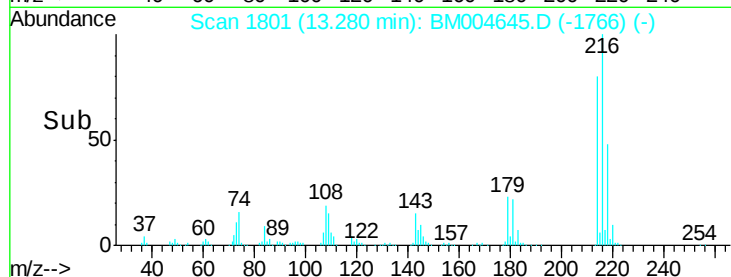
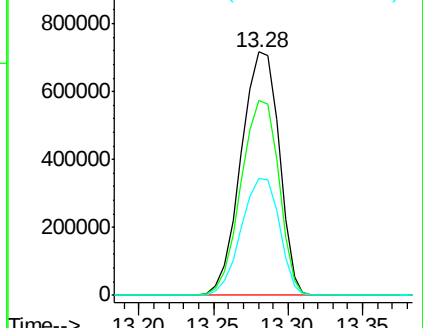
218 48.1 38.4 57.6



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: 16.01 ng/uL

RT: 14.79 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BM004645.D

Acq: 16 Mar 2016 21:07

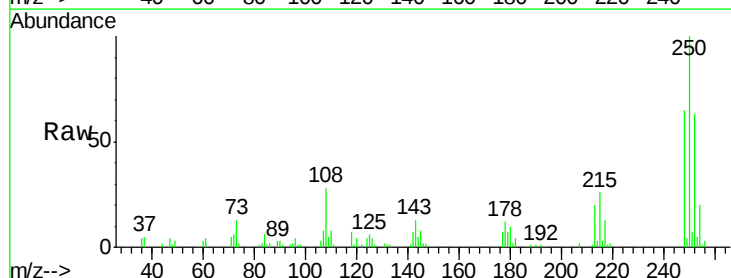
Tgt Ion:250 Resp: 58184

Ion Ratio Lower Upper

250 100

248 64.7 50.6 75.8

252 62.8 51.4 77.0



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

