

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031616\
 Data File : BM004641.D
 Acq On : 16 Mar 2016 18:05
 Operator : UM/SJ
 Sample : H1783-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 17 00:59:32 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 17 00:56:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	46169	20.00	ng/ul	0.02
18) Naphthalene-d8	10.65	136	250083	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.47	164	140708	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	327511	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	384786	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	364851	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	1713	1.28	ng/uL	0.00
5) Phenol-d5	7.00	99	33332	8.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	97080	45.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	105855	34.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	63786	20.86	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	60310	34.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	64105	34.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	113561	30.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	2330	0.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	380176	34.56	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	479101	35.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	9920	4.67	ng/ul	0.00
58) Fluorene-d10	15.47	176	345576	36.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	44940	26.11	ng/ul	0.00
71) Anthracene-d10	17.32	188	547785	36.33	ng/ul	0.00
79) Pyrene-d10	19.62	212	640251	36.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	659813	40.49	ng/ul	0.00

Target Compounds

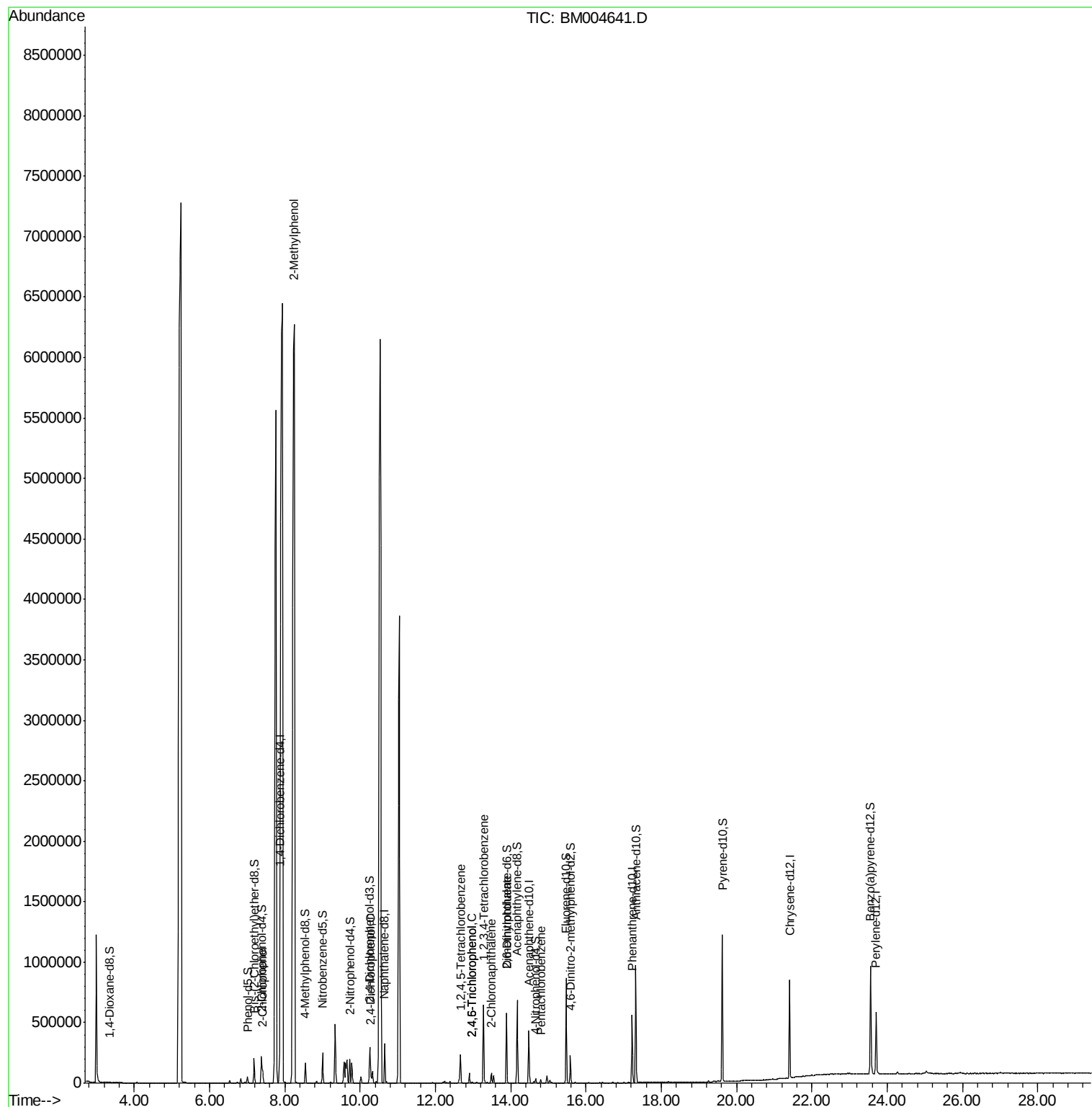
						Ovalue
10) 2-Chlorophenol	7.41	128	43671	13.54	ng/ul	94
11) 2-Methylphenol	8.24	108	43216	14.09	ng/ul	87
27) 2,4-Dichlorophenol	10.28	162	19406	5.11	ng/ul	92
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	75975	16.90	ng/ul	98
39) 2,4,6-Trichlorophenol	12.97	196	3553	1.20	ng/ul	91
40) 2,4,5-Trichlorophenol	12.97	196	3553	1.11	ng/ul	91
42) 2-Chloronaphthalene	13.48	162	29010	3.28	ng/ul#	40
46) 2,6-Dinitrotoluene	13.89	165	2583	1.30	ng/ul#	39
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	195201	43.32	ng/uL	100
74) Pentachlorobenzene	14.79	250	8229	1.89	ng/uL	95

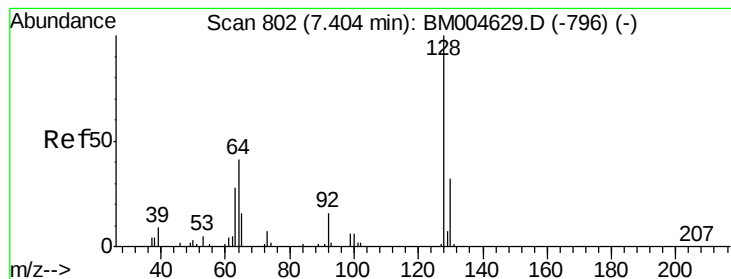
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 13.54 ng/ul

RT: 7.41 min Scan# 803

Delta R.T. 0.01 min

Lab File: BM004641.D

Acq: 16 Mar 2016 18:05

Instrument :

BNA_M

ClientSampleId :

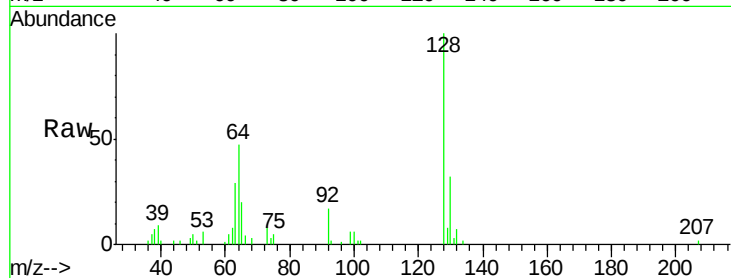
Tot Ion:128 Resp: 43671

Ion Ratio Lower Upper

128 100

64 46.9 31.9 47.9

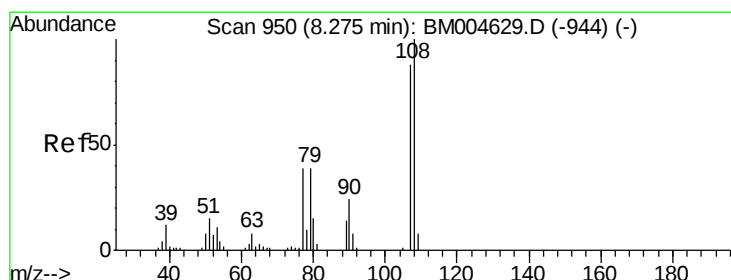
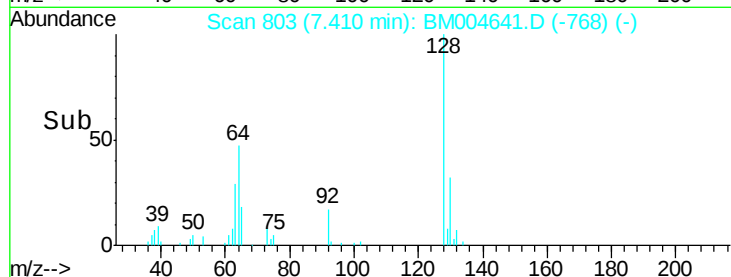
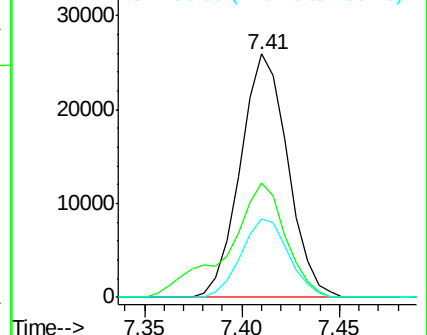
130 32.0 25.6 38.4



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



#11

2-Methylphenol

Concen: 14.09 ng/ul

RT: 8.24 min Scan# 944

Delta R.T. -0.04 min

Lab File: BM004641.D

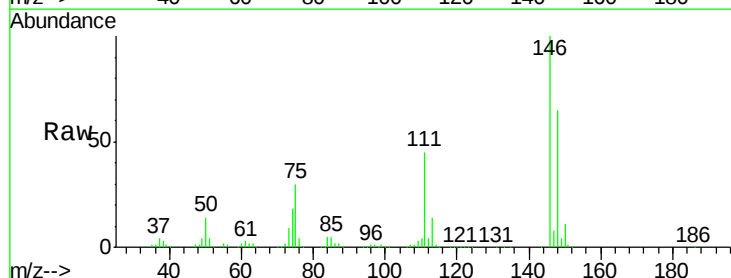
Acq: 16 Mar 2016 18:05

Tgt Ion:108 Resp: 43216

Ion Ratio Lower Upper

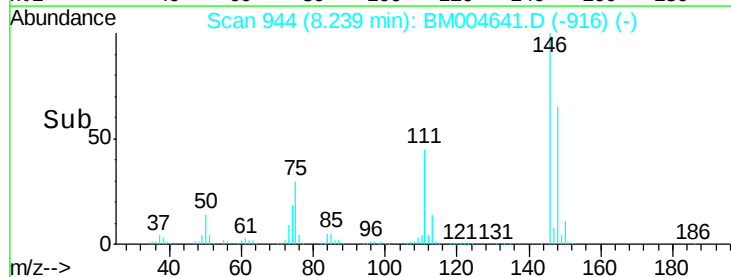
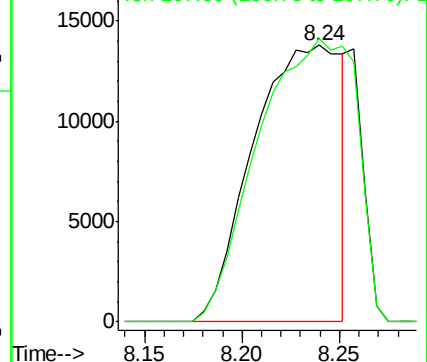
108 100

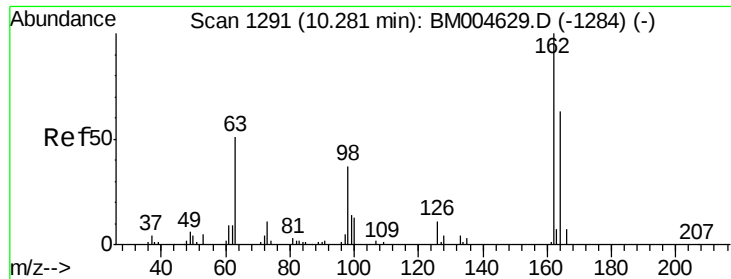
107 102.4 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

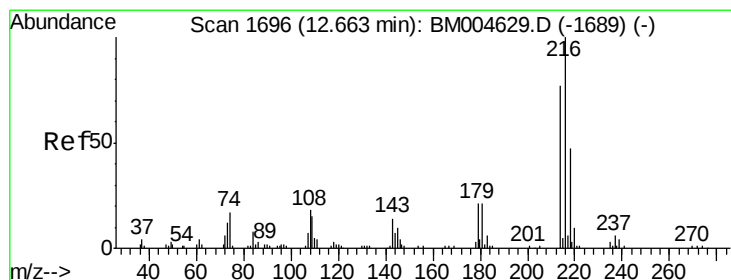
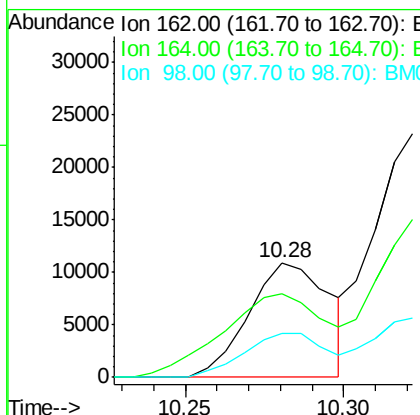
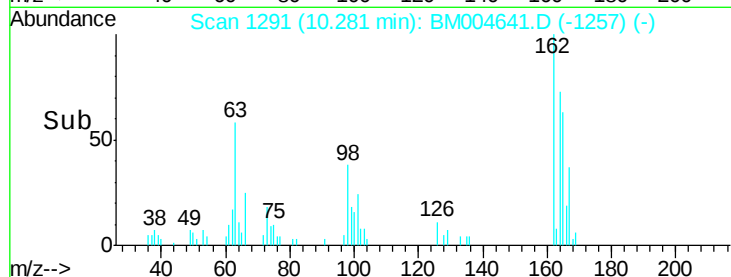
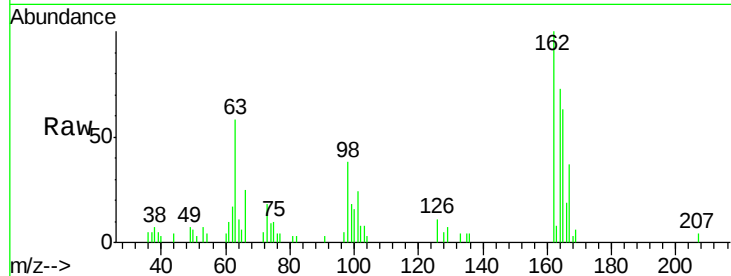




#27
2,4-Dichlorophenol
Concen: 5.11 ng/ul
RT: 10.28 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BM004641.D
Acq: 16 Mar 2016 18:05

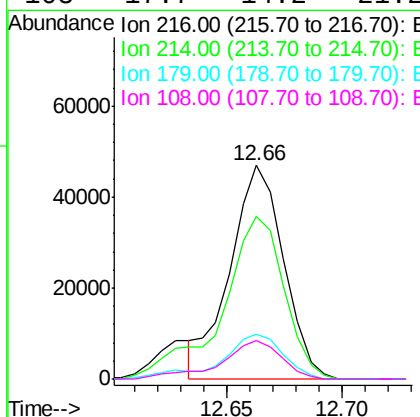
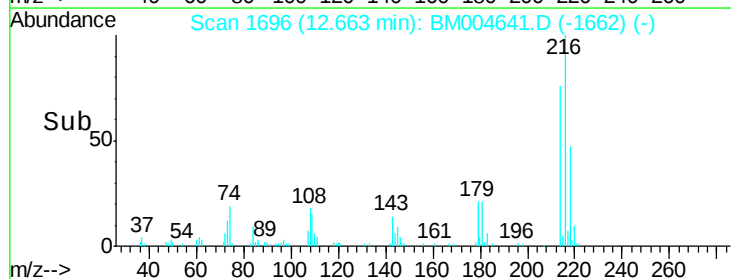
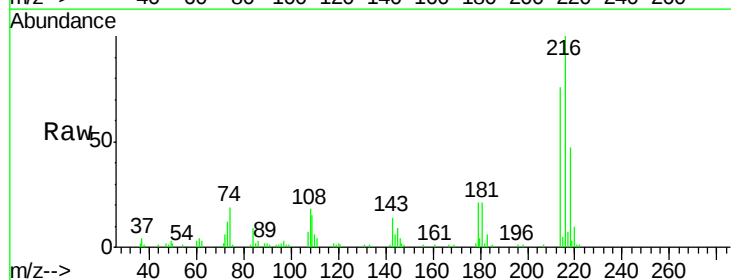
Instrument :
BNA_M
ClientSampled :

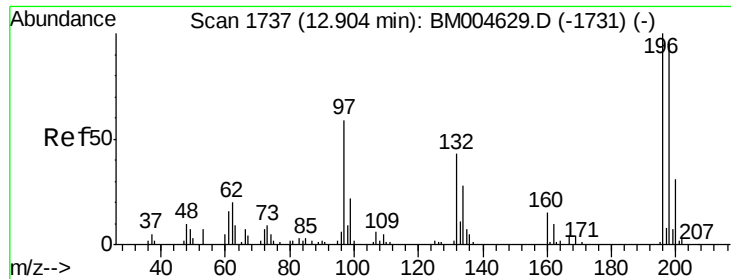
Tot Ion:162 Resp: 19406
Ion Ratio Lower Upper
162 100
164 73.3 52.1 78.1
98 38.1 28.4 42.6



#37
1,2,4,5-Tetrachlorobenzene
Concen: 16.90 ng/ul
RT: 12.66 min Scan# 1696
Delta R.T. -0.00 min
Lab File: BM004641.D
Acq: 16 Mar 2016 18:05

Tgt Ion:216 Resp: 75975
Ion Ratio Lower Upper
216 100
214 76.0 62.5 93.7
179 21.2 18.2 27.2
108 17.7 14.2 21.2

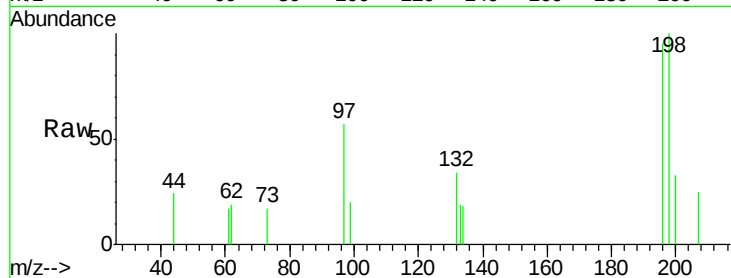




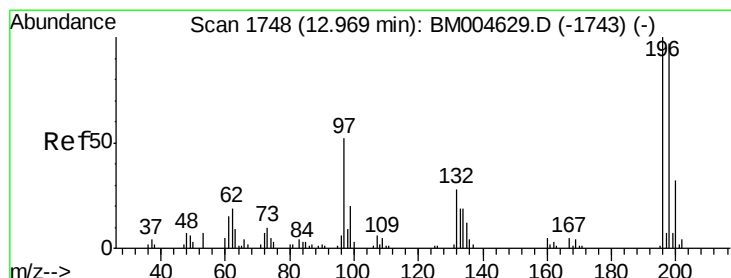
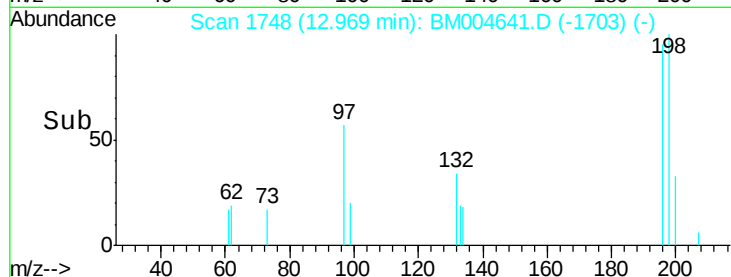
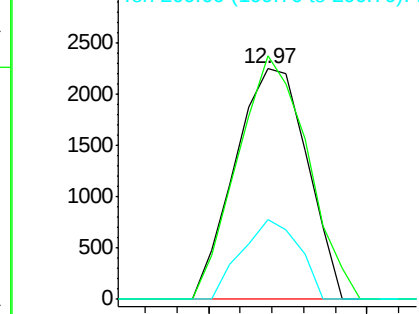
#39
 2,4,6-Trichlorophenol
 Concen: 1.20 ng/ul
 RT: 12.97 min Scan# 1748
 Delta R.T. 0.06 min
 Lab File: BM004641.D
 Acq: 16 Mar 2016 18:05

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:196 Resp: 3553
 Ion Ratio Lower Upper
 196 100
 198 105.5 76.6 114.8
 200 34.7 24.7 37.1

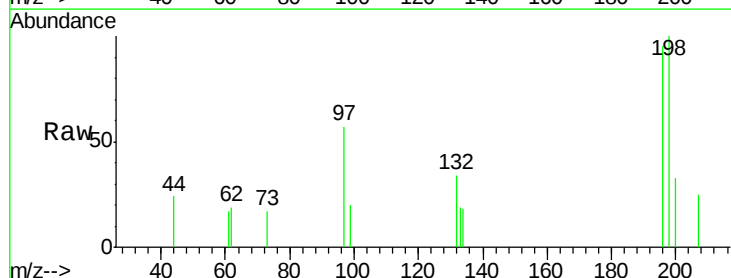


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

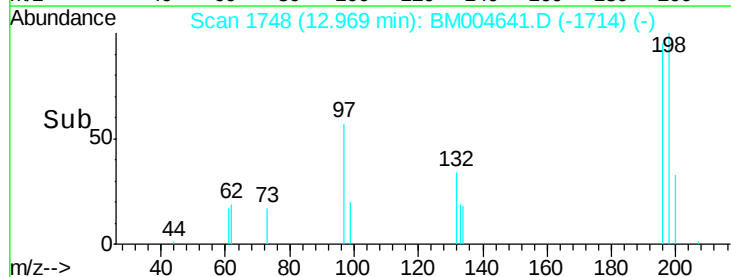
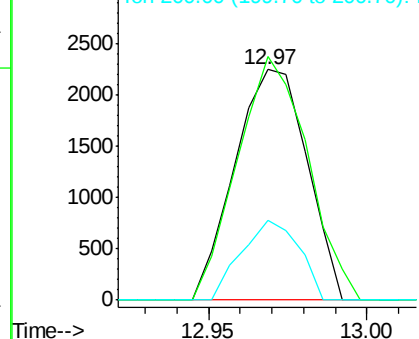


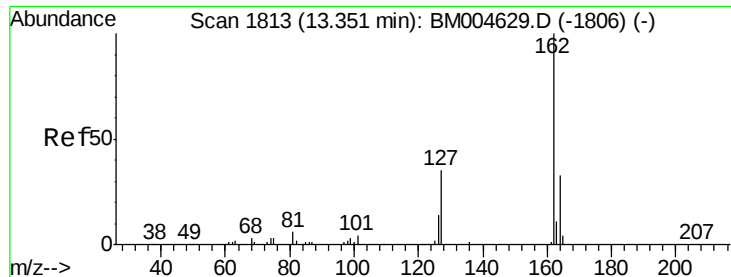
#40
 2,4,5-Trichlorophenol
 Concen: 1.11 ng/ul
 RT: 12.97 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BM004641.D
 Acq: 16 Mar 2016 18:05

Tgt Ion:196 Resp: 3553
 Ion Ratio Lower Upper
 196 100
 198 105.5 76.9 115.3
 200 34.7 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

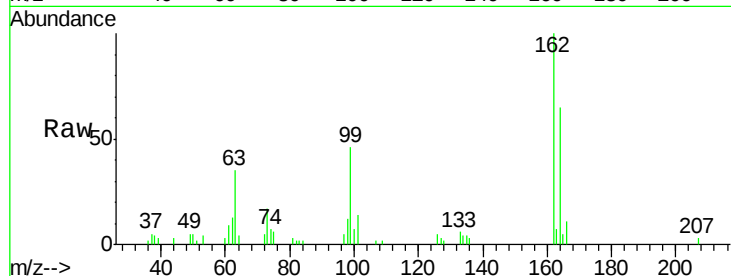




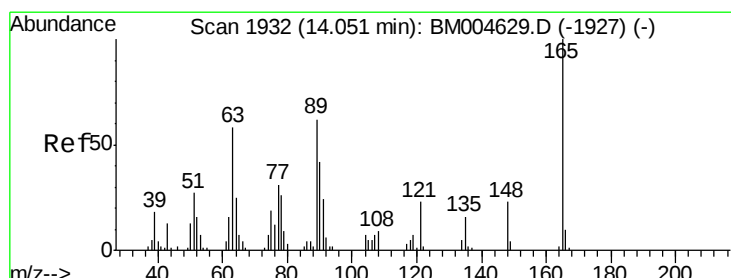
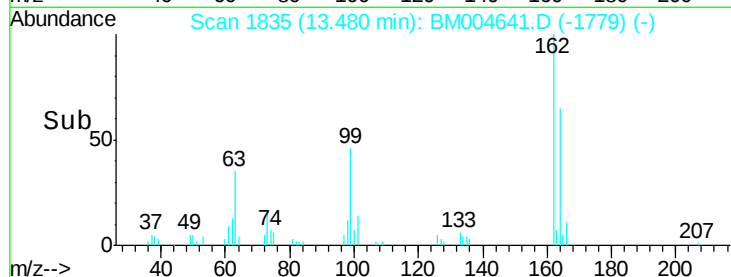
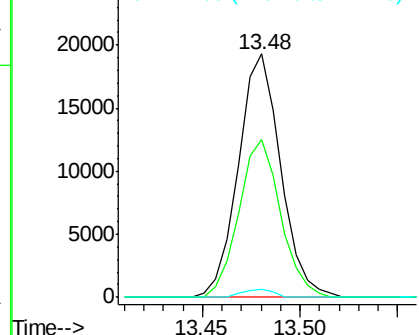
#42
2-Chloronaphthalene
Concen: 3.28 ng/ul
RT: 13.48 min Scan# 1835
Delta R.T. 0.13 min
Lab File: BM004641.D
Acq: 16 Mar 2016 18:05

Instrument :
BNA_M
ClientSampled :

Tot Ion:162 Resp: 29010
Ion Ratio Lower Upper
162 100
164 64.6 25.9 38.9#
127 3.3 34.1 51.1#

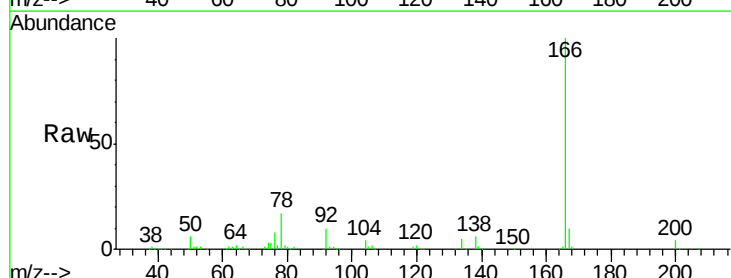


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

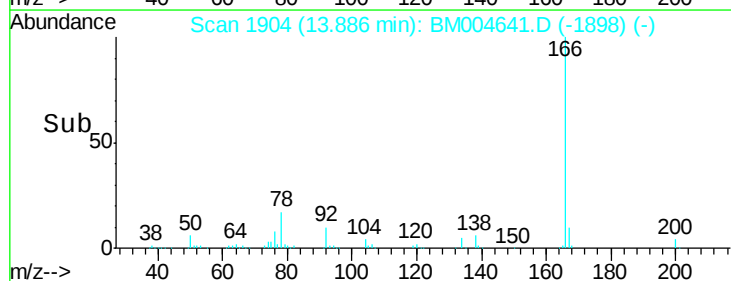
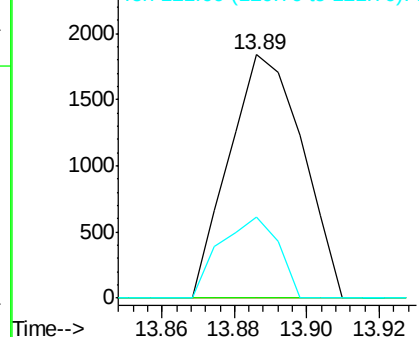


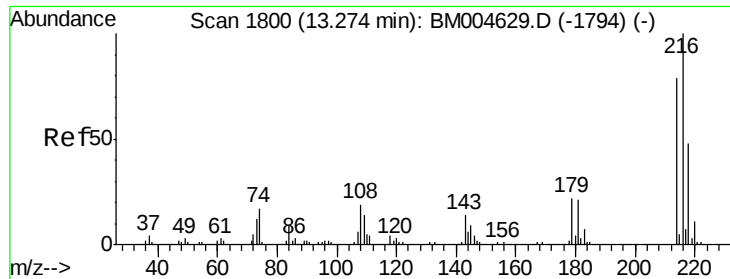
#46
2,6-Dinitrotoluene
Concen: 1.30 ng/ul
RT: 13.89 min Scan# 1904
Delta R.T. -0.16 min
Lab File: BM004641.D
Acq: 16 Mar 2016 18:05

Tgt Ion:165 Resp: 2583
Ion Ratio Lower Upper
165 100
89 0.0 42.4 63.6#
121 33.5 16.6 24.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E

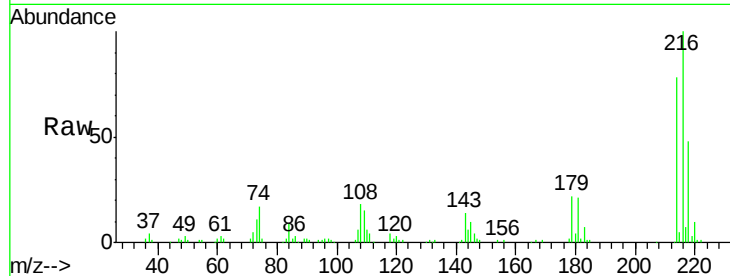




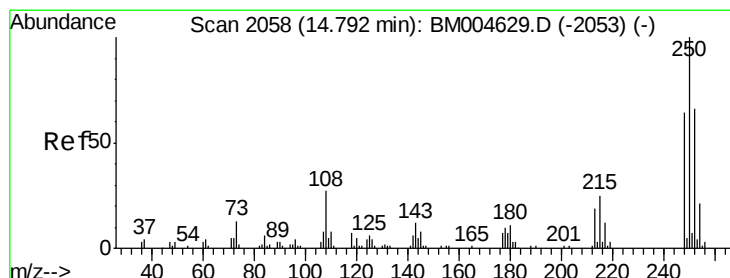
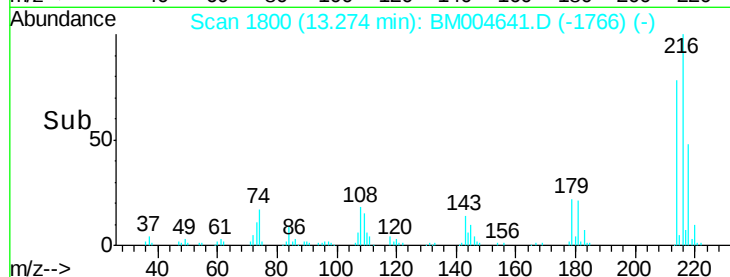
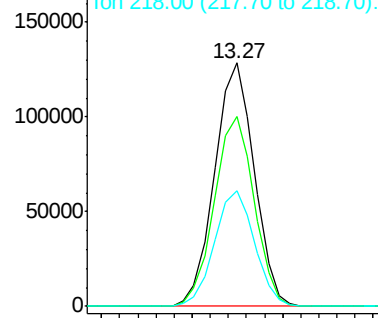
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 43.32 ng/uL
 RT: 13.27 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BM004641.D
 Acq: 16 Mar 2016 18:05

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:216 Resp: 195201
 Ion Ratio Lower Upper
 216 100
 214 78.1 62.5 93.7
 218 47.7 38.4 57.6

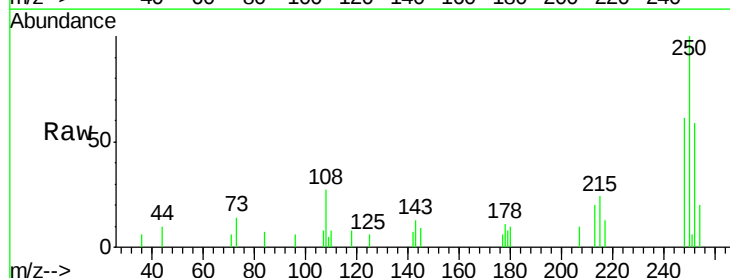


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E



#74
 Pentachlorobenzene
 Concen: 1.89 ng/uL
 RT: 14.79 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BM004641.D
 Acq: 16 Mar 2016 18:05

Tgt Ion:250 Resp: 8229
 Ion Ratio Lower Upper
 250 100
 248 60.9 50.6 75.8
 252 58.6 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

