

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031616\
 Data File : BM004636.D
 Acq On : 16 Mar 2016 15:03
 Operator : UM/SJ
 Sample : H1783-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 17 00:58:39 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	58794	20.00	ng/ul	0.01
18) Naphthalene-d8	10.64	136	267119	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	142835	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	316719	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	363130	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	364879	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	2023	1.19	ng/uL	0.00
5) Phenol-d5	7.00	99	32281	6.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	95613	34.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	103611	26.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	62986	16.17	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	59192	31.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	62175	30.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	108309	27.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	4383	0.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	359143	32.16	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	451037	32.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	8033	3.72	ng/ul	0.00
58) Fluorene-d10	15.47	176	324232	33.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	38855	23.34	ng/ul	0.00
71) Anthracene-d10	17.32	188	510559	35.01	ng/ul	0.00
79) Pyrene-d10	19.61	212	585448	35.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	633894	38.90	ng/ul	0.00

Target Compounds

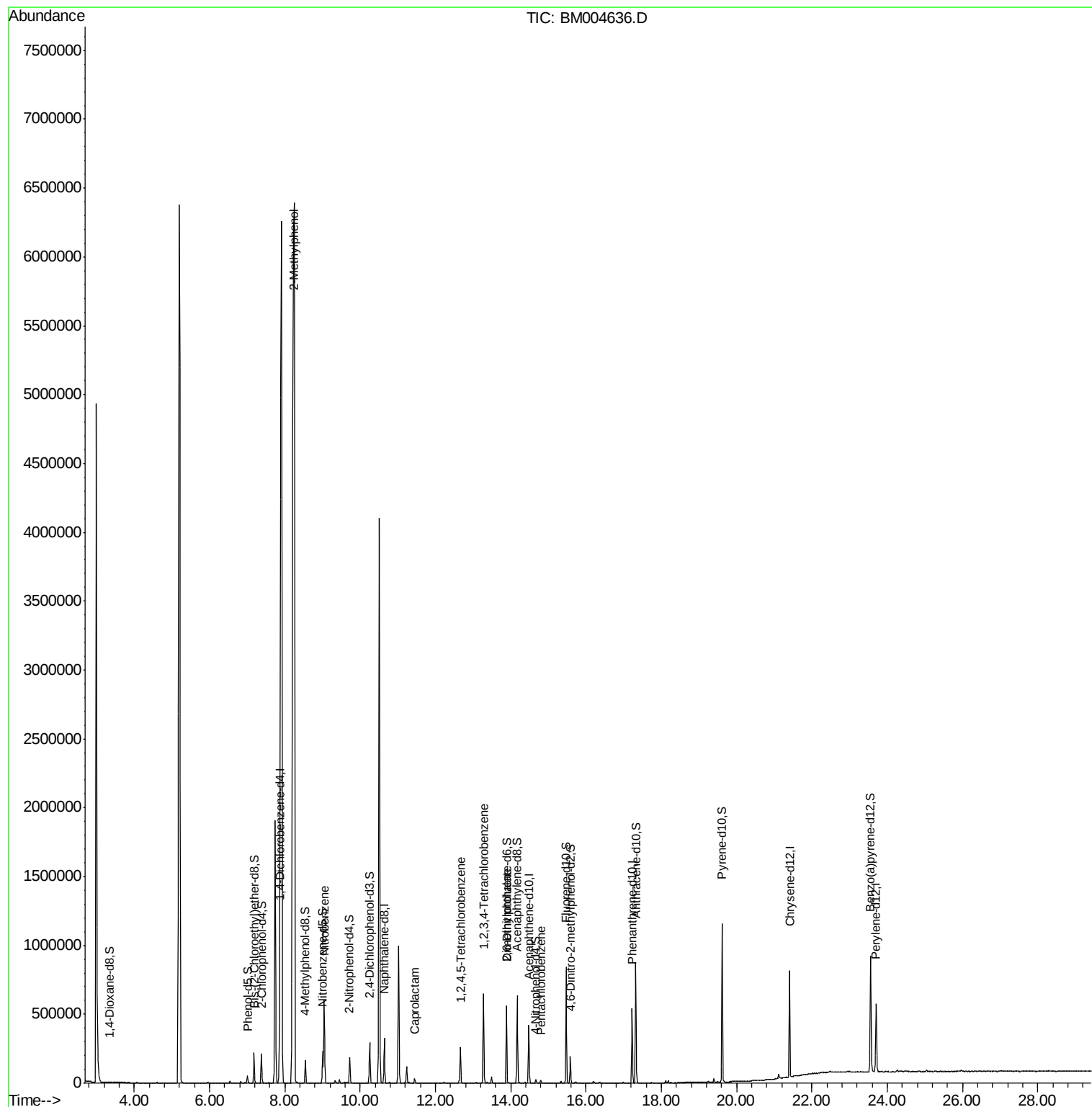
						Ovalue
11) 2-Methylphenol	8.23	108	33147	8.48	ng/ul	95
20) Nitrobenzene	9.05	77	335959	73.29	ng/ul	97
32) Caprolactam	11.45	113	2442	1.80	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	85319	18.70	ng/ul	97
46) 2,6-Dinitrotoluene	13.89	165	2592	1.28	ng/ul#	42
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	180043	41.32	ng/uL	100
74) Pentachlorobenzene	14.79	250	7263	1.73	ng/uL	95

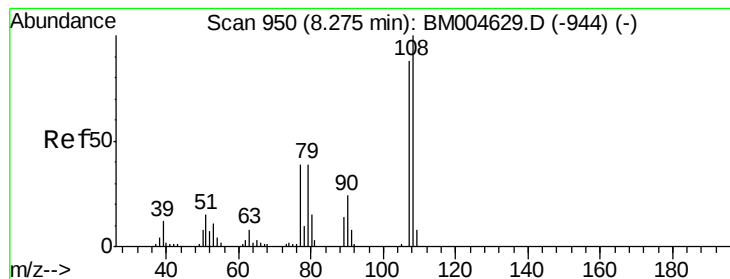
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 8.48 ng/ul

RT: 8.23 min Scan# 942

Delta R.T. -0.05 min

Lab File: BM004636.D

Acq: 16 Mar 2016 15:03

Instrument :

BNA_M

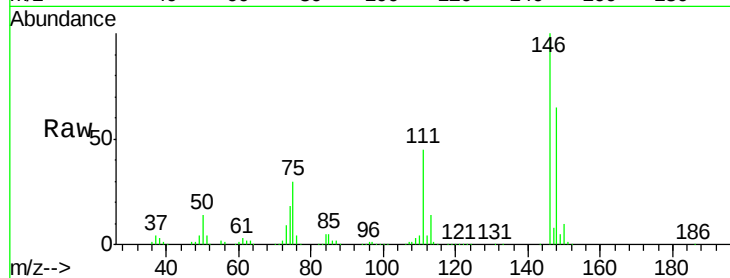
ClientSampleId :

Tot Ion:108 Resp: 33147

Ion Ratio Lower Upper

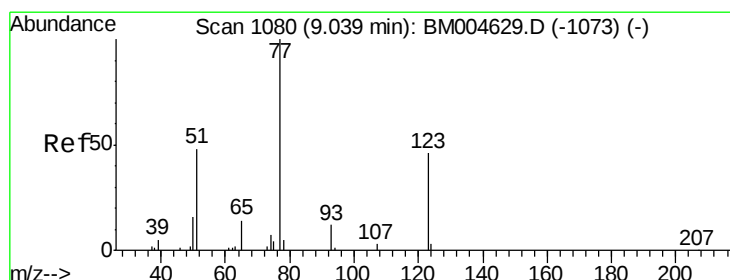
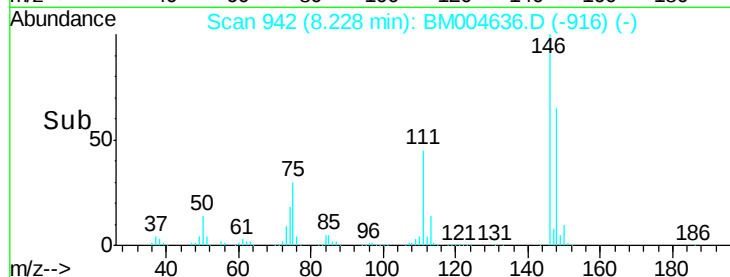
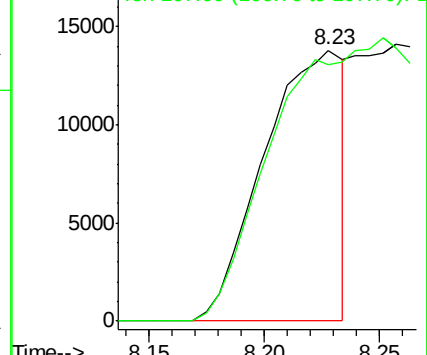
108 100

107 95.0 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#20

Nitrobenzene

Concen: 73.29 ng/ul

RT: 9.05 min Scan# 1081

Delta R.T. 0.01 min

Lab File: BM004636.D

Acq: 16 Mar 2016 15:03

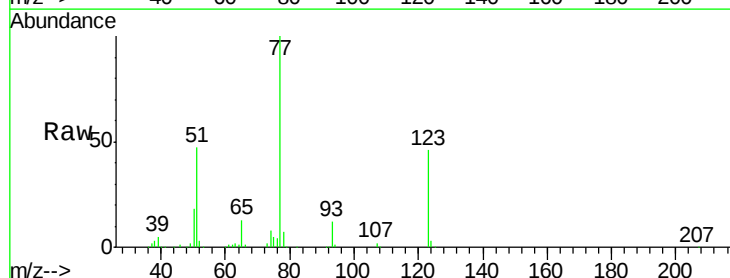
Tgt Ion: 77 Resp: 335959

Ion Ratio Lower Upper

77 100

123 46.2 39.0 58.4

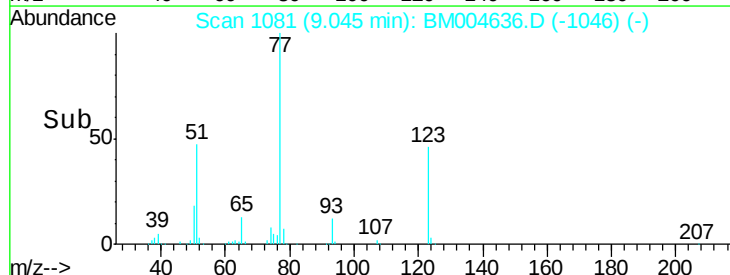
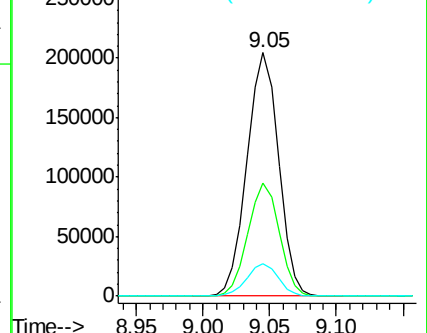
65 13.2 10.4 15.6

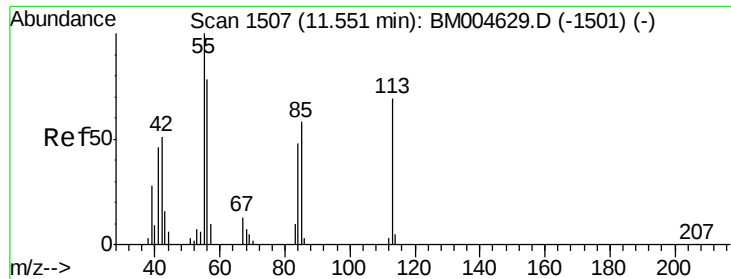


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#32

Caprolactam

Concen: 1.80 ng/ul

RT: 11.45 min Scan# 1489

Delta R.T. -0.11 min

Lab File: BM004636.D

Acq: 16 Mar 2016 15:03

Instrument :

BNA_M

ClientSampled :

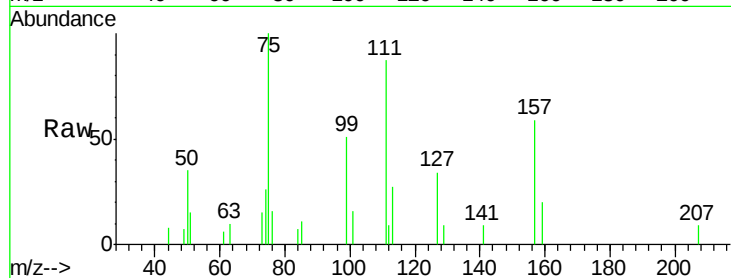
Tot Ion:113 Resp: 2442

Ion Ratio Lower Upper

113 100

55 0.0 101.9 152.9#

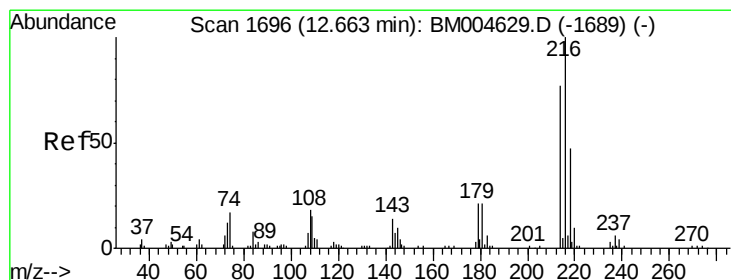
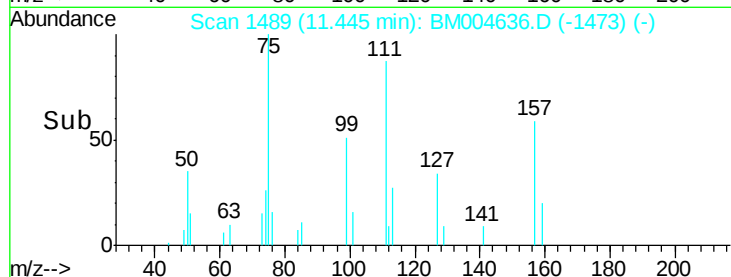
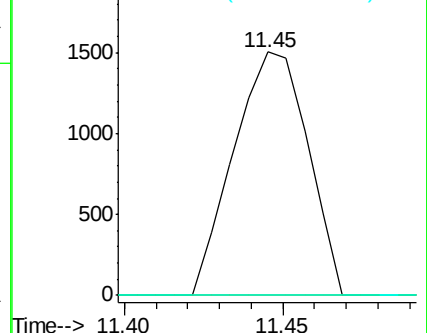
56 0.0 81.2 121.8#



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: 18.70 ng/ul

RT: 12.66 min Scan# 1696

Delta R.T. 0.00 min

Lab File: BM004636.D

Acq: 16 Mar 2016 15:03

Tgt Ion:216 Resp: 85319

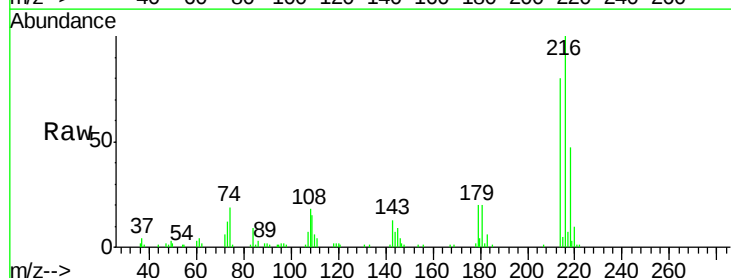
Ion Ratio Lower Upper

216 100

214 80.5 62.5 93.7

179 20.1 18.2 27.2

108 18.1 14.2 21.2

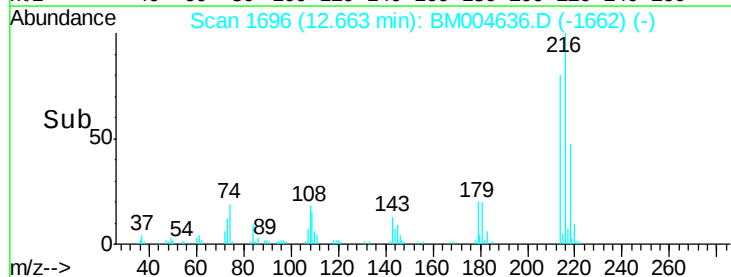
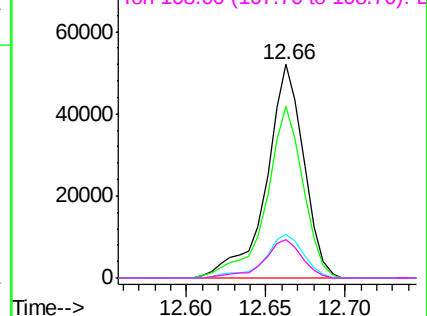


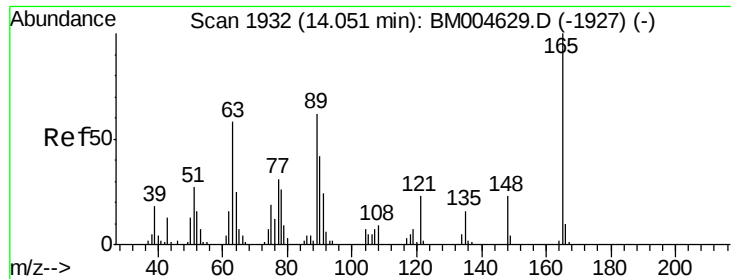
Abundance Ion 216.00 (215.70 to 216.70): E

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

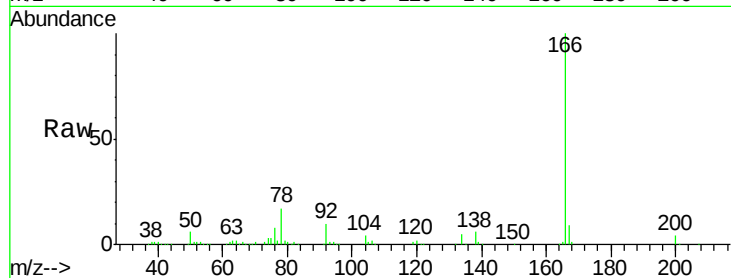




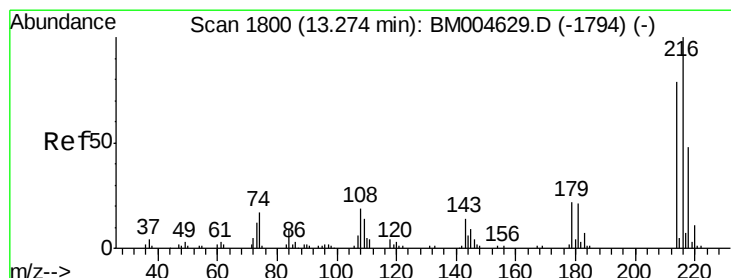
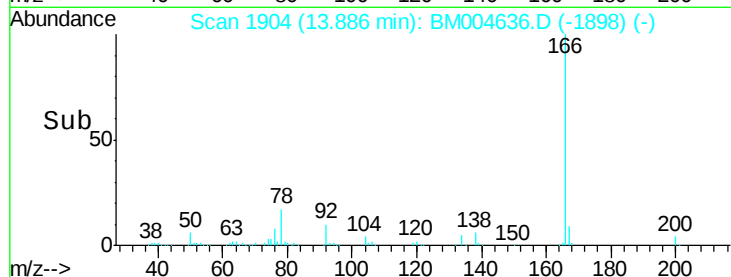
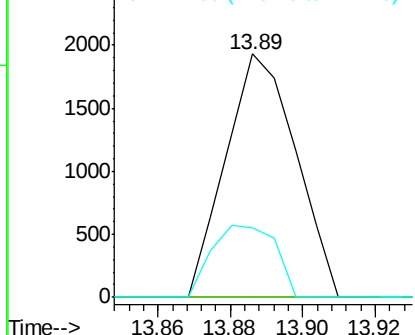
#46
 2,6-Dinitrotoluene
 Concen: 1.28 ng/ul
 RT: 13.89 min Scan# 1904
 Delta R.T. -0.16 min
 Lab File: BM004636.D
 Acq: 16 Mar 2016 15:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 2592
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.4 63.6#
 121 28.4 16.6 24.8#

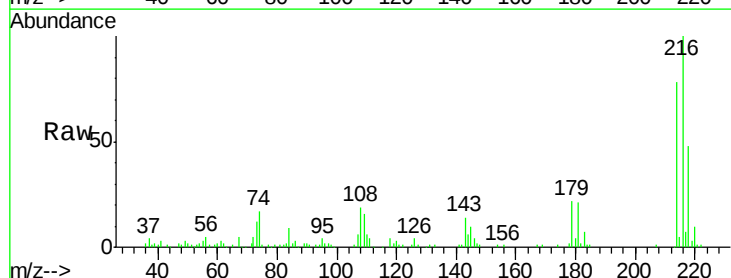


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 121.00 (120.70 to 121.70): E

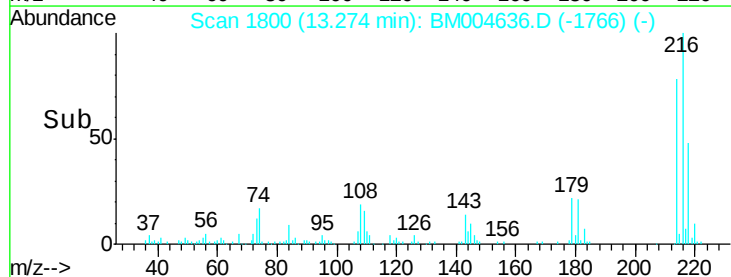
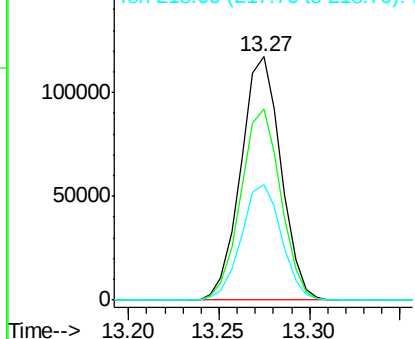


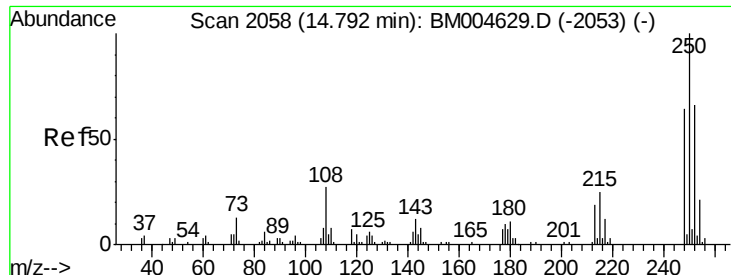
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 41.32 ng/uL
 RT: 13.27 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BM004636.D
 Acq: 16 Mar 2016 15:03

Tgt Ion:216 Resp: 180043
 Ion Ratio Lower Upper
 216 100
 214 78.4 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: 1.73 ng/uL

RT: 14.79 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BM004636.D

Acq: 16 Mar 2016 15:03

Instrument :

BNA_M

ClientSampleId :

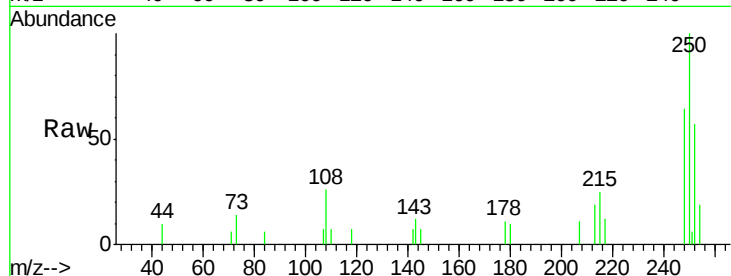
Tot Ion:250 Resp: 7263

Ion Ratio Lower Upper

250 100

248 64.0 50.6 75.8

252 56.6 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

