

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031616\
 Data File : BM004644.D
 Acq On : 16 Mar 2016 20:31
 Operator : UM/SJ
 Sample : H1783-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 17 02:00:43 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	44993	20.00	ng/ul	0.02
18) Naphthalene-d8	10.67	136	256701	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.47	164	133339	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	295870	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	341985	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	337447	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	2243	1.72	ng/uL	0.00
5) Phenol-d5	7.00	99	39482	10.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	105572	50.38	ng/ul	0.02
9) 2-Chlorophenol-d4	7.39	132	116842	39.26	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	72737	24.41	ng/ul	0.01
19) Nitrobenzene-d5	9.01	128	64665	36.22	ng/ul	0.01
22) 2-Nitrophenol-d4	9.73	143	66411	34.44	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	119259	31.53	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.89	166	362069	34.74	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	469053	36.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	8038	3.99	ng/ul	0.00
58) Fluorene-d10	15.47	176	328907	36.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	35154	22.61	ng/ul	0.00
71) Anthracene-d10	17.32	188	501078	36.79	ng/ul	0.00
79) Pyrene-d10	19.61	212	573415	36.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	620638	41.18	ng/ul	0.00

Target Compounds

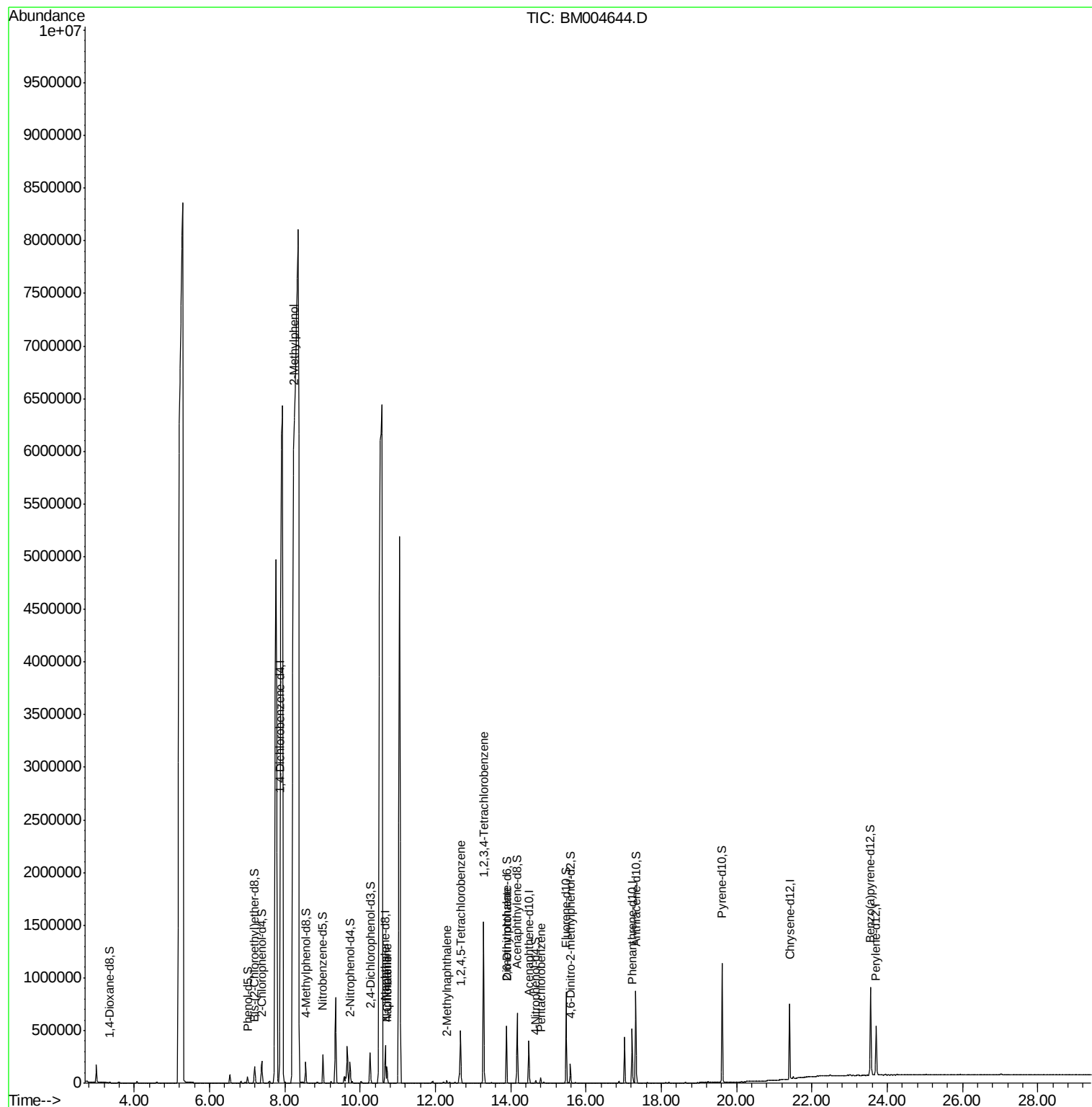
						Ovalue
11) 2-Methylphenol	8.23	108	37939	12.69	ng/ul	97
28) Naphthalene	10.71	128	113869	8.51	ng/ul	99
30) 4-Chloroaniline	10.71	127	14532	3.06	ng/ul#	1
34) 2-Methylnaphthalene	12.30	142	12571	1.32	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.67	216	182959	42.95	ng/ul	99
46) 2,6-Dinitrotoluene	13.89	165	2383	1.27	ng/ul#	34
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	461352	113.34	ng/uL	99
74) Pentachlorobenzene	14.79	250	14582	3.71	ng/uL	97

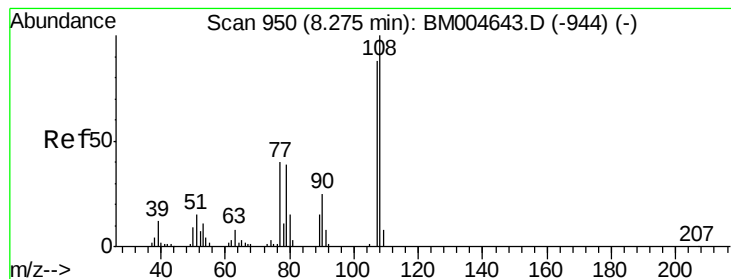
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 12.69 ng/ul

RT: 8.23 min Scan# 943

Delta R.T. -0.04 min

Lab File: BM004644.D

Acq: 16 Mar 2016 20:31

Instrument :

BNA_M

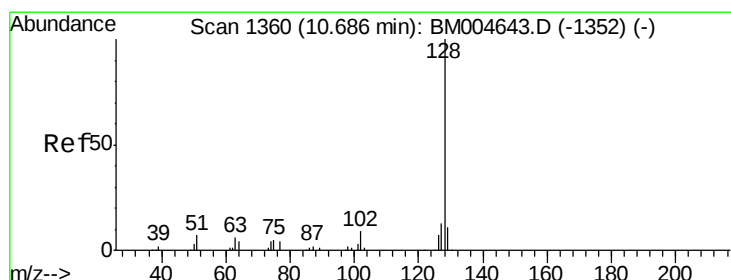
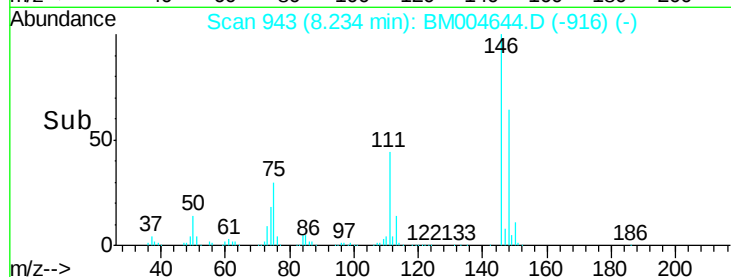
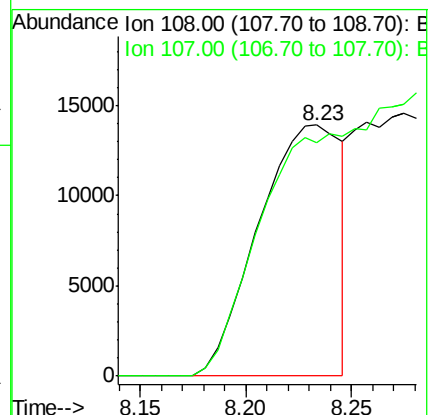
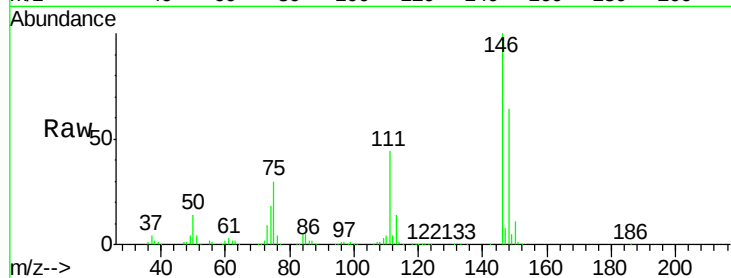
ClientSampleId :

Tot Ion:108 Resp: 37939

Ion Ratio Lower Upper

108 100

107 92.9 72.4 108.6



#28

Naphthalene

Concen: 8.51 ng/ul

RT: 10.71 min Scan# 1364

Delta R.T. 0.02 min

Lab File: BM004644.D

Acq: 16 Mar 2016 20:31

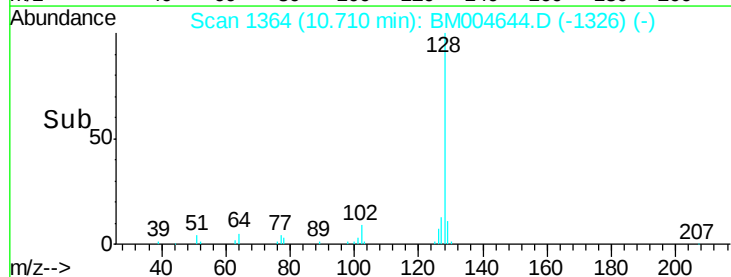
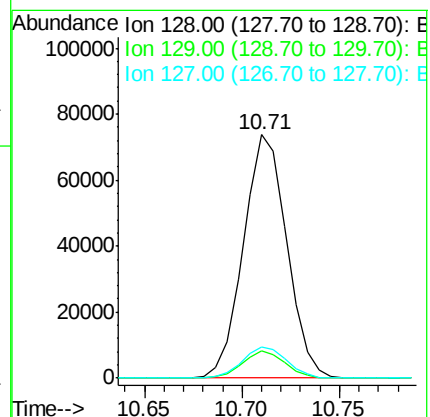
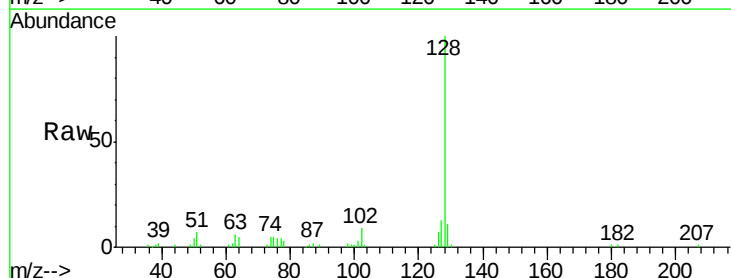
Tgt Ion:128 Resp: 113869

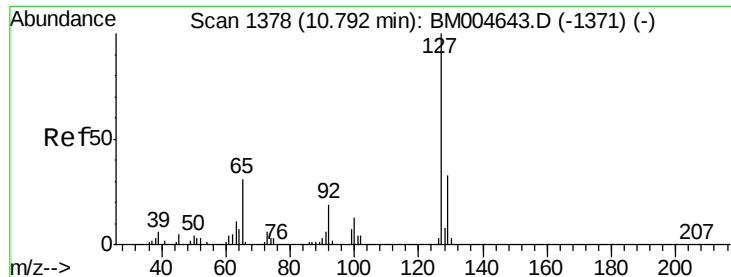
Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 12.7 10.5 15.7

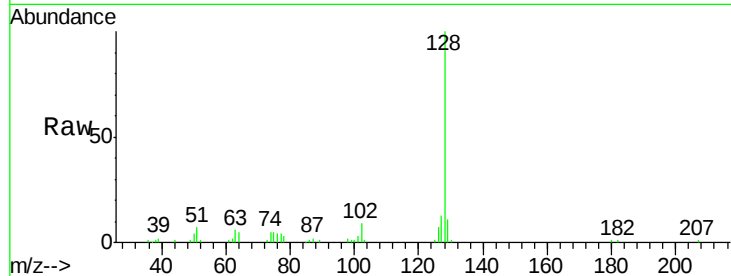




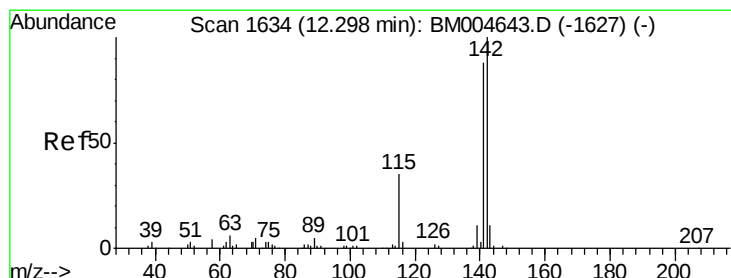
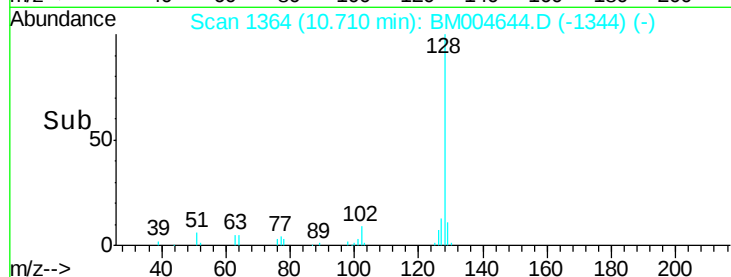
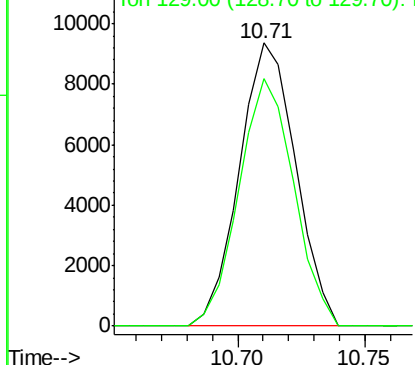
#30
 4-Chloroaniline
 Concen: 3.06 ng/ul
 RT: 10.71 min Scan# 1364
 Delta R.T. -0.08 min
 Lab File: BM004644.D
 Acq: 16 Mar 2016 20:31

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:127 Resp: 14532
 Ion Ratio Lower Upper
 127 100
 129 87.3 25.4 38.2#

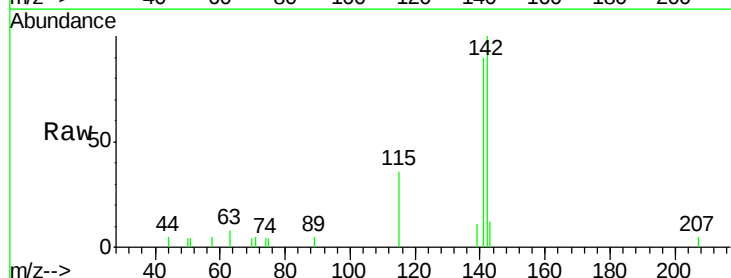


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E

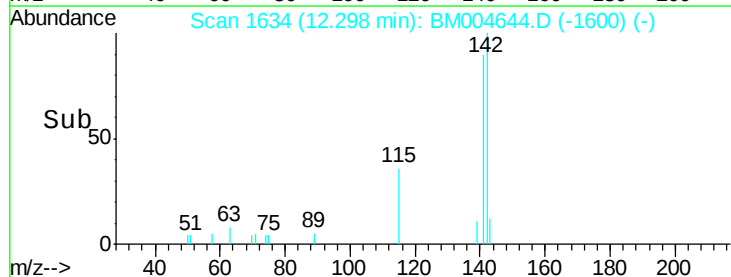
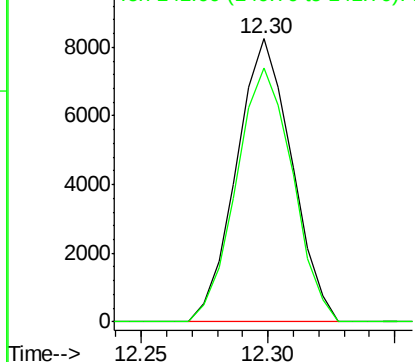


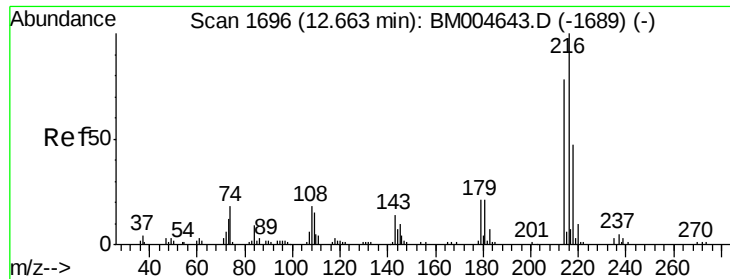
#34
 2-Methylnaphthalene
 Concen: 1.32 ng/ul
 RT: 12.30 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BM004644.D
 Acq: 16 Mar 2016 20:31

Tgt Ion:142 Resp: 12571
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E





#37

1,2,4,5-Tetrachlorobenzene

Concen: 42.95 ng/ul

RT: 12.67 min Scan# 1697

Delta R.T. 0.01 min

Lab File: BM004644.D

Acq: 16 Mar 2016 20:31

Instrument :

BNA_M

ClientSampleId :

Tot Ion:216 Resp: 182959

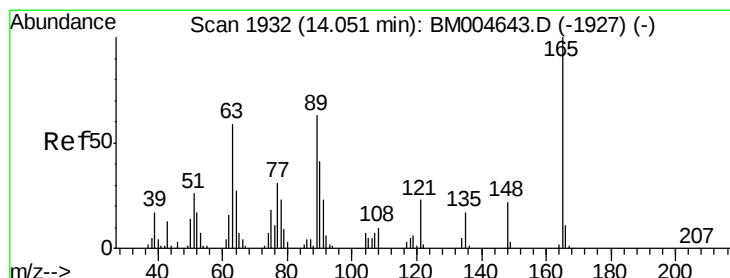
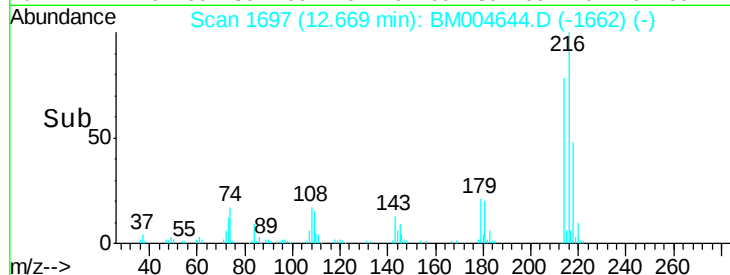
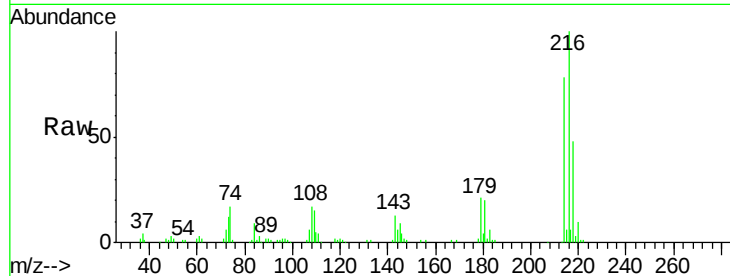
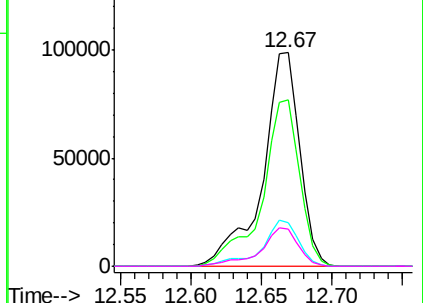
Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.5	93.7
179	20.6	18.2	27.2
108	17.5	14.2	21.2

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: 1.27 ng/ul

RT: 13.89 min Scan# 1904

Delta R.T. -0.16 min

Lab File: BM004644.D

Acq: 16 Mar 2016 20:31

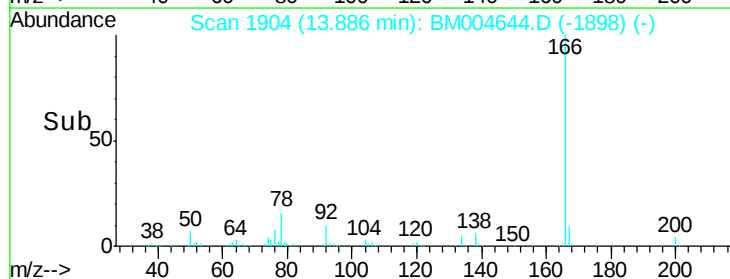
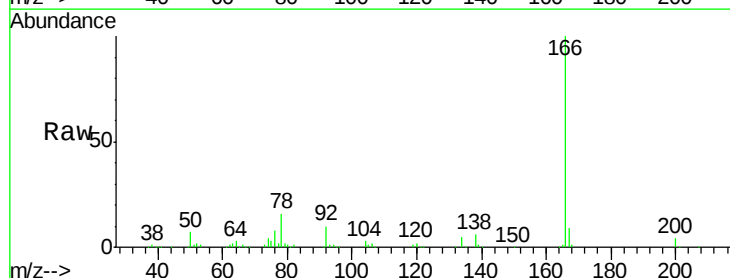
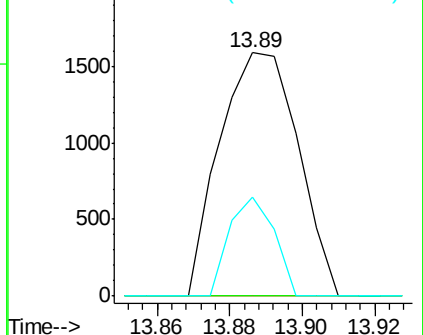
Tgt Ion:165 Resp: 2383

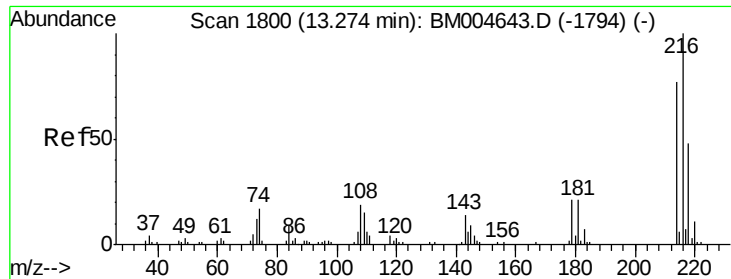
Ion	Ratio	Lower	Upper
165	100		
89	0.0	42.4	63.6#
121	40.5	16.6	24.8#

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

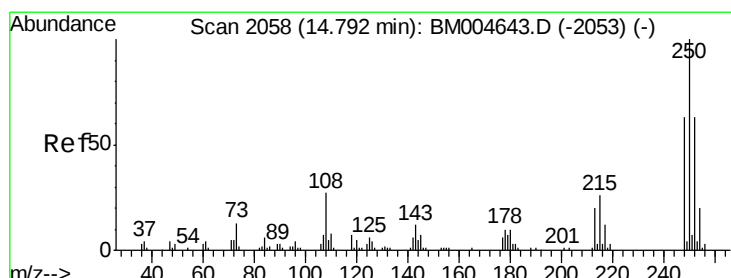
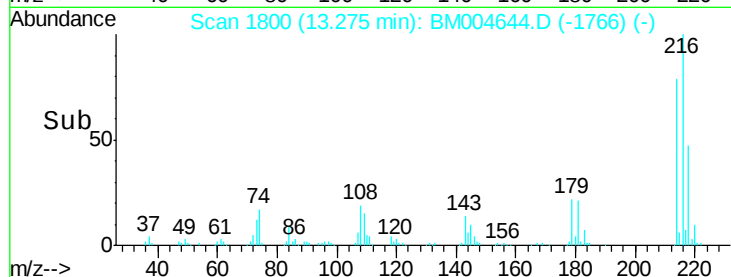
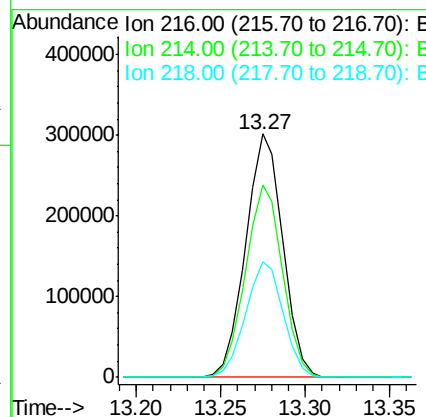
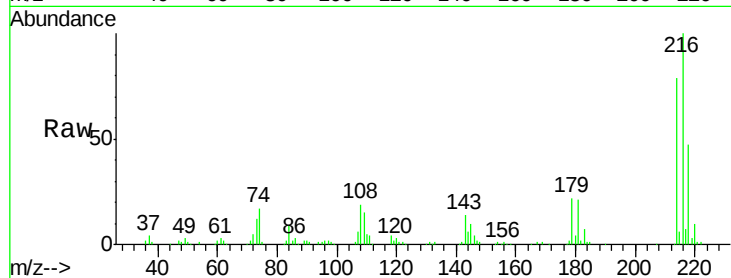




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 113.34 ng/uL
 RT: 13.27 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BM004644.D
 Acq: 16 Mar 2016 20:31

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.5	93.7
218	47.5	38.4	57.6



#74
 Pentachlorobenzene
 Concen: 3.71 ng/uL
 RT: 14.79 min Scan# 2058
 Delta R.T. 0.00 min
 Lab File: BM004644.D
 Acq: 16 Mar 2016 20:31

Tgt Ion	Ratio	Lower	Upper
250	100		
248	65.6	50.6	75.8
252	65.7	51.4	77.0

