

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031716\
 Data File : BM004668.D
 Acq On : 17 Mar 2016 16:09
 Operator : UM/SJ
 Sample : H1783-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 18 05:07:46 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 18 05:06:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	33655	20.00	ng/ul	0.04
18) Naphthalene-d8	10.65	136	299749	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.47	164	159273	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	353066	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	386575	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	371021	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	1995	2.05	ng/uL	0.00
5) Phenol-d5	7.00	99	38050	13.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	106679	68.06	ng/ul	0.04
9) 2-Chlorophenol-d4	7.39	132	120131	53.96	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	72331	32.45	ng/ul	0.01
19) Nitrobenzene-d5	9.02	128	71416	34.26	ng/ul	0.02
22) 2-Nitrophenol-d4	9.73	143	74598	33.13	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	127457	28.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	4998	0.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	407646	32.74	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	511581	33.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	12158	5.05	ng/ul	0.00
58) Fluorene-d10	15.47	176	356606	32.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	47255	25.47	ng/ul	0.00
71) Anthracene-d10	17.32	188	558530	34.36	ng/ul	0.00
79) Pyrene-d10	19.61	212	632637	35.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	638927	38.56	ng/ul	0.00

Target Compounds

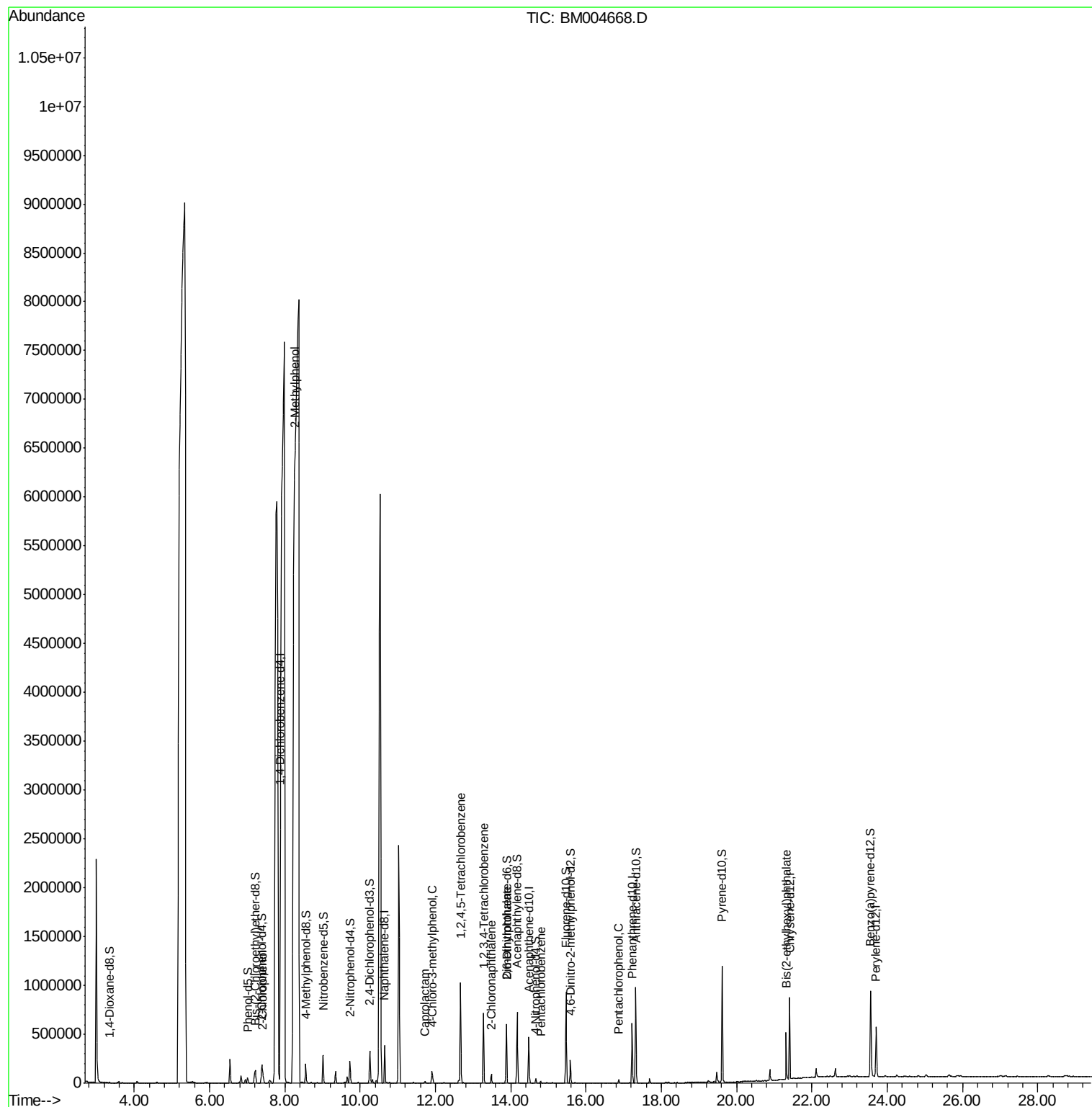
						Ovalue
10) 2-Chlorophenol	7.42	128	35122	14.94	ng/ul	93
11) 2-Methylphenol	8.25	108	36652	16.39	ng/ul	94
32) Caprolactam	11.72	113	1581	1.04	ng/ul#	59
33) 4-Chloro-3-methylphenol	11.91	107	39173	7.61	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	326916	64.25	ng/ul	99
42) 2-Chloronaphthalene	13.48	162	29823	2.98	ng/ul#	40
46) 2,6-Dinitrotoluene	13.89	165	2903	1.29	ng/ul#	35
69) Pentachlorophenol	16.87	266	7763	3.00	ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	215347	44.33	ng/uL	98
74) Pentachlorobenzene	14.79	250	6827	1.46	ng/uL	96
84) Bis(2-ethylhexyl)phthalate	21.32	149	171183	12.85	ng/ul	99

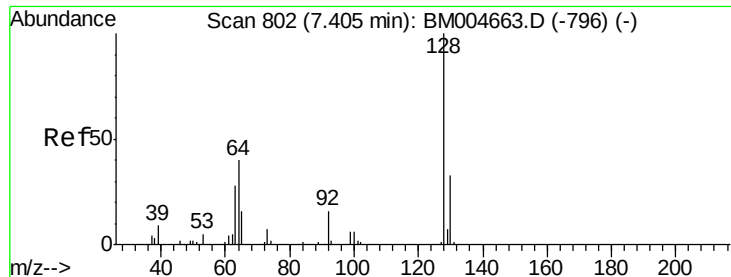
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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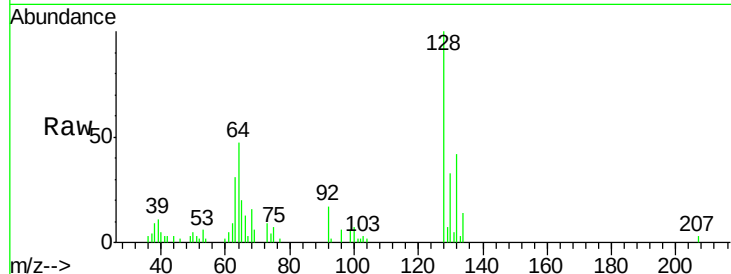




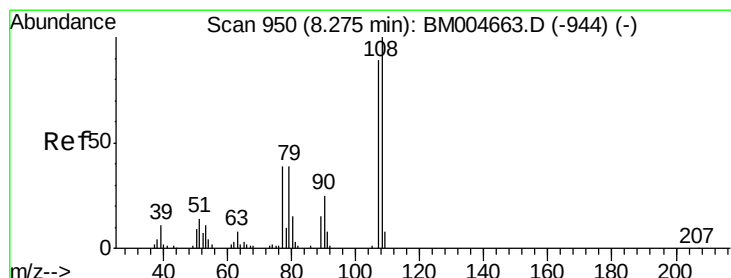
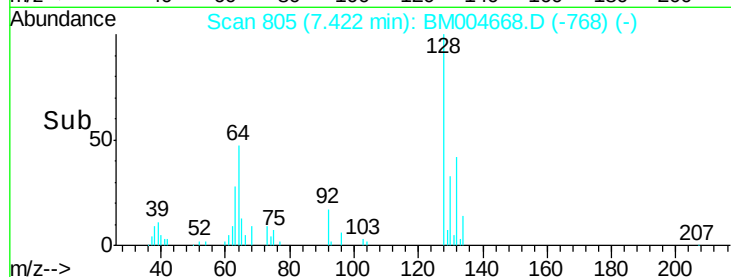
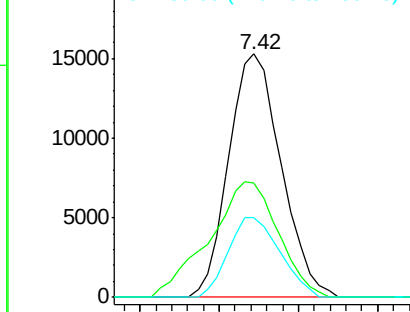
#10
2-Chlorophenol
Concen: 14.94 ng/ul
RT: 7.42 min Scan# 805
Delta R.T. 0.02 min
Lab File: BM004668.D
Acq: 17 Mar 2016 16:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 35122
Ion Ratio Lower Upper
128 100
64 46.9 31.9 47.9
130 32.9 25.6 38.4

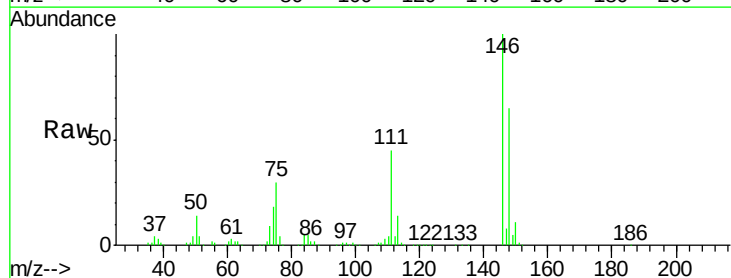


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 130.00 (129.70 to 130.70): E

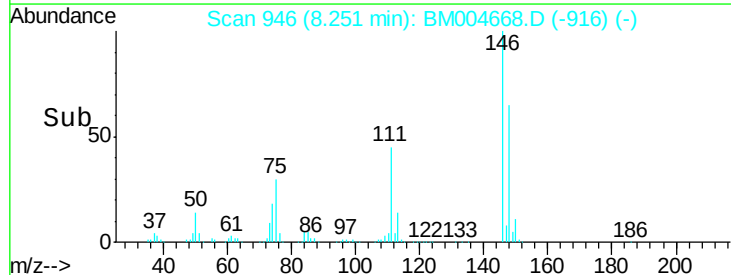
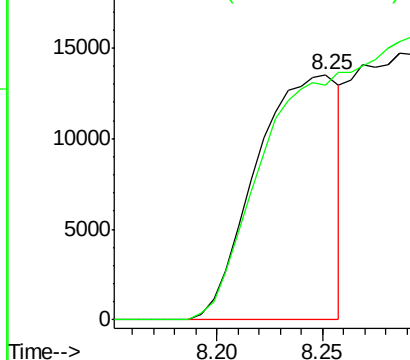


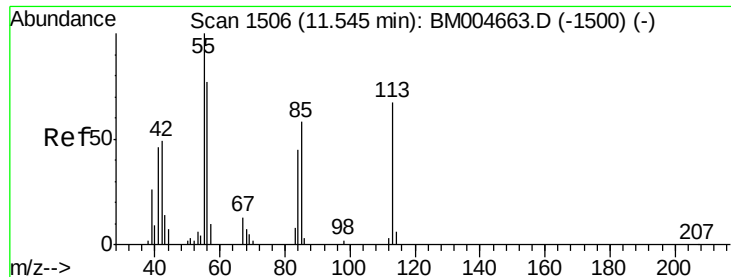
#11
2-Methylphenol
Concen: 16.39 ng/ul
RT: 8.25 min Scan# 946
Delta R.T. -0.02 min
Lab File: BM004668.D
Acq: 17 Mar 2016 16:09

Tgt Ion:108 Resp: 36652
Ion Ratio Lower Upper
108 100
107 95.8 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E





#32

Caprolactam

Concen: 1.04 ng/ul

RT: 11.72 min Scan# 1536

Delta R.T. 0.18 min

Lab File: BM004668.D

Acq: 17 Mar 2016 16:09

Instrument :

BNA_M

ClientSampleId :

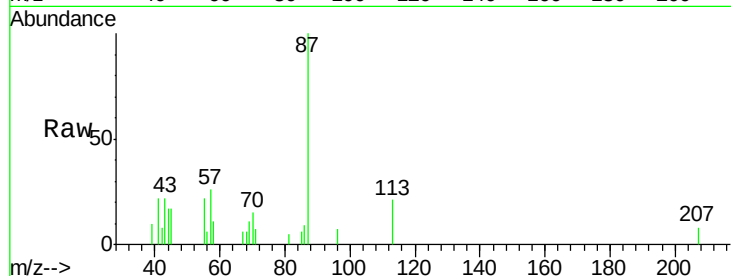
Tot Ion:113 Resp: 1581

Ion Ratio Lower Upper

113 100

55 106.6 101.9 152.9

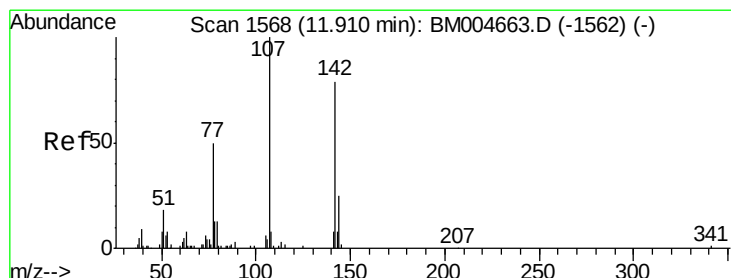
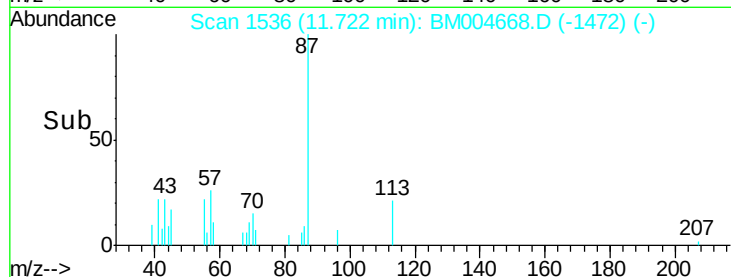
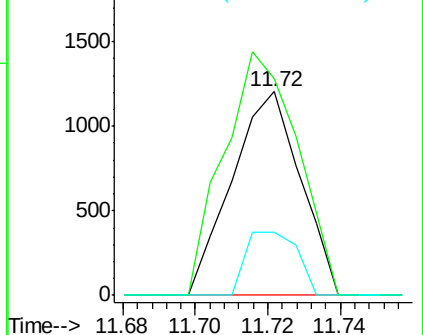
56 30.8 81.2 121.8#



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



#33

4-Chloro-3-methylphenol

Concen: 7.61 ng/ul

RT: 11.91 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BM004668.D

Acq: 17 Mar 2016 16:09

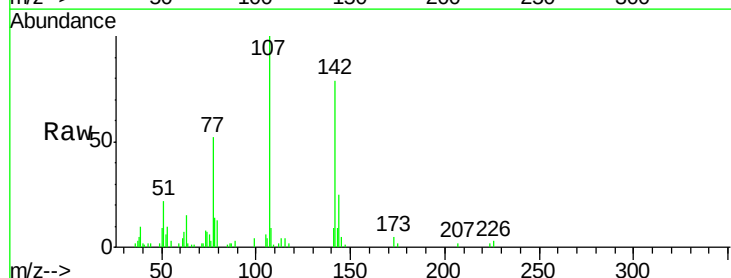
Tgt Ion:107 Resp: 39173

Ion Ratio Lower Upper

107 100

144 25.3 20.4 30.6

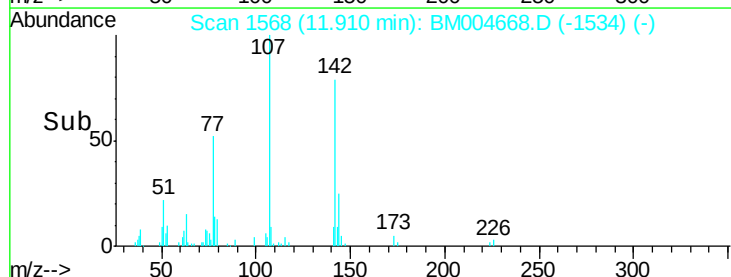
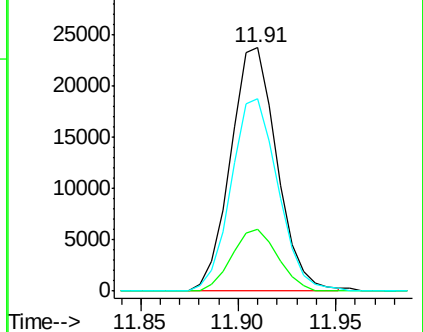
142 79.0 62.5 93.7

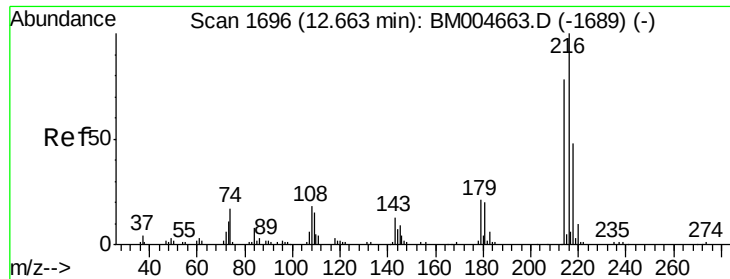


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

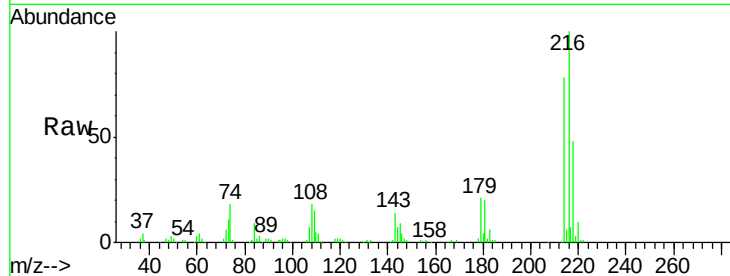




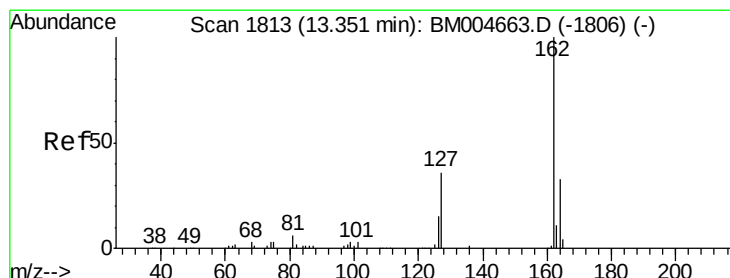
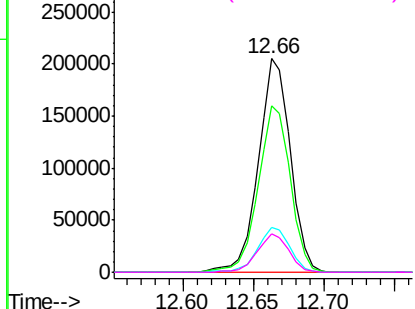
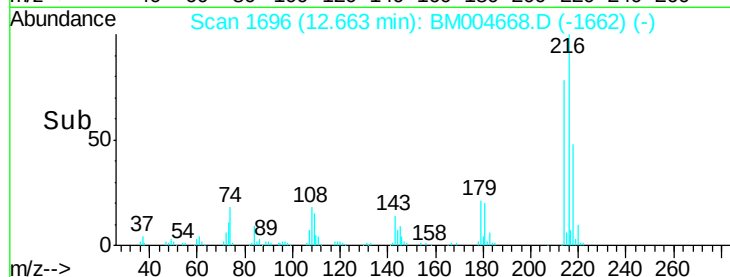
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 64.25 ng/ul
 RT: 12.66 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BM004668.D
 Acq: 17 Mar 2016 16:09

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	216	Resp:	326916
Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.5	93.7
179	20.9	18.2	27.2
108	18.0	14.2	21.2

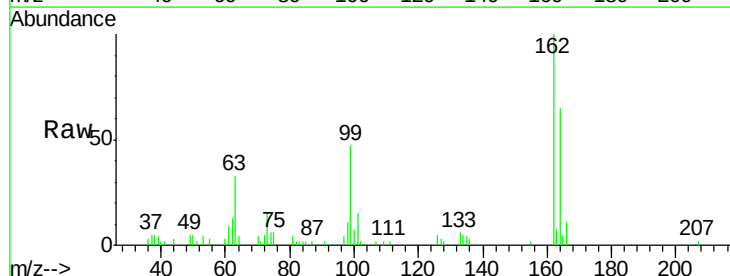


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

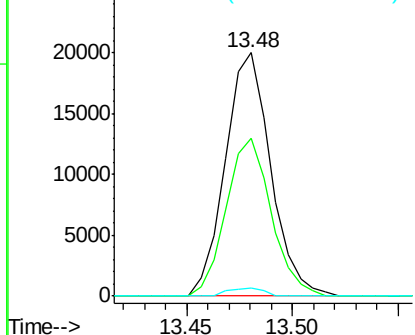
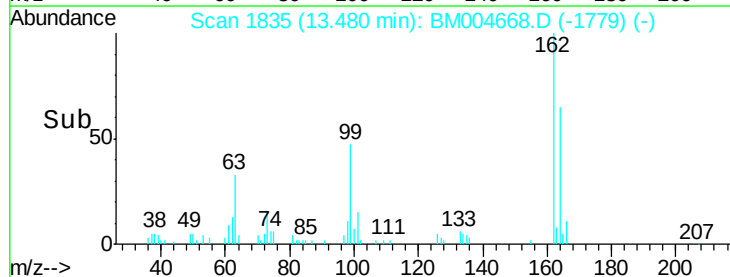


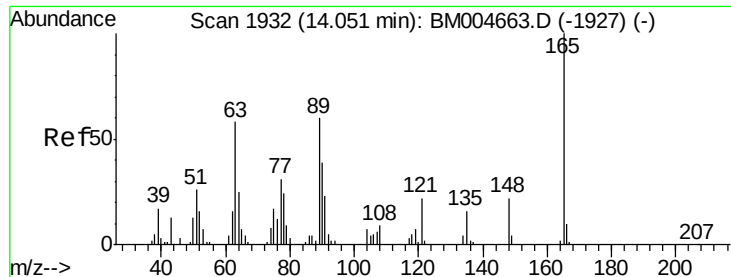
#42
 2-Chloronaphthalene
 Concen: 2.98 ng/ul
 RT: 13.48 min Scan# 1835
 Delta R.T. 0.13 min
 Lab File: BM004668.D
 Acq: 17 Mar 2016 16:09

Tgt Ion:	162	Resp:	29823
Ion	Ratio	Lower	Upper
162	100		
164	65.0	25.9	38.9#
127	3.4	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

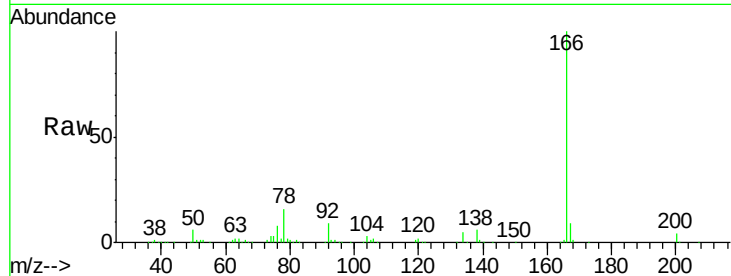




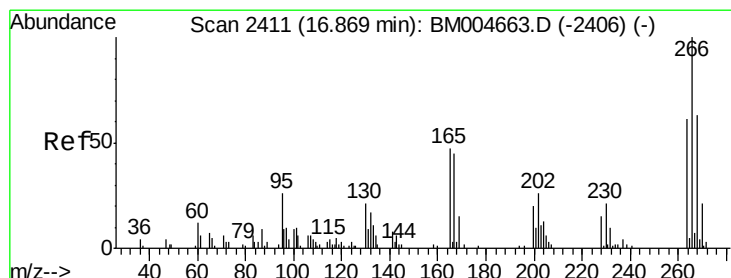
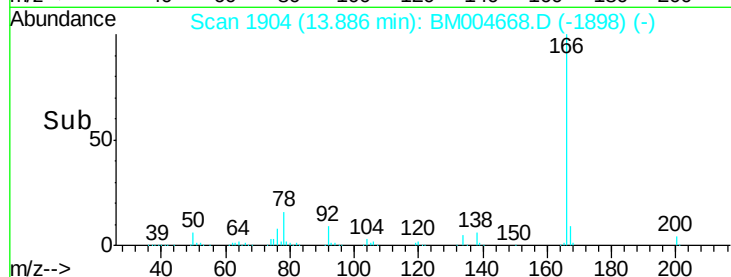
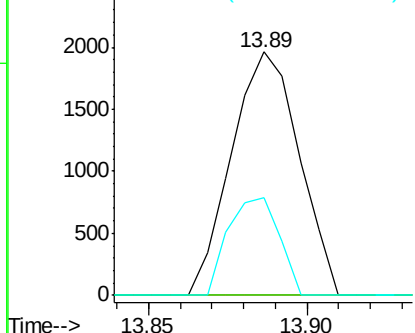
#46
 2,6-Dinitrotoluene
 Concen: 1.29 ng/ul
 RT: 13.89 min Scan# 1904
 Delta R.T. -0.16 min
 Lab File: BM004668.D
 Acq: 17 Mar 2016 16:09

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 2903
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.4 63.6#
 121 40.1 16.6 24.8#

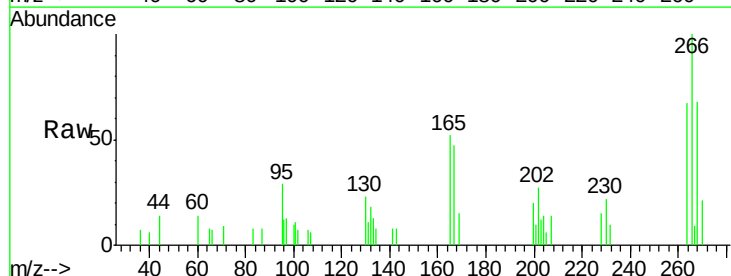


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM
 Ion 121.00 (120.70 to 121.70): E

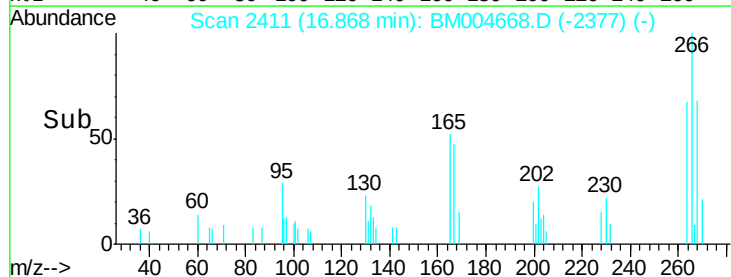
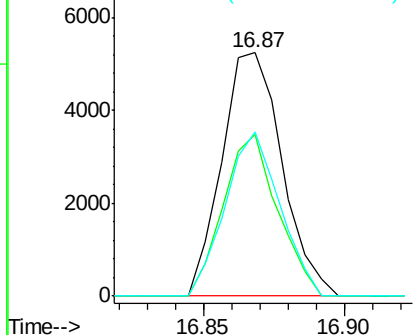


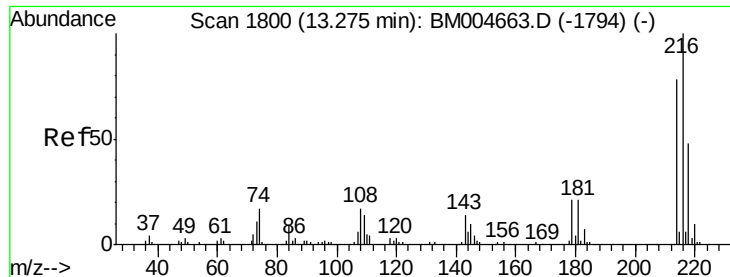
#69
 Pentachlorophenol
 Concen: 3.00 ng/ul
 RT: 16.87 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BM004668.D
 Acq: 17 Mar 2016 16:09

Tgt Ion:266 Resp: 7763
 Ion Ratio Lower Upper
 266 100
 264 66.5 50.5 75.7
 268 67.6 50.9 76.3



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

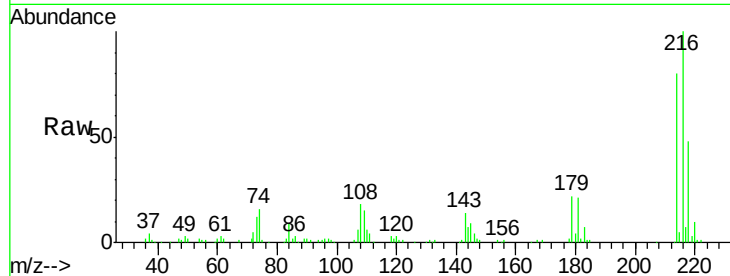




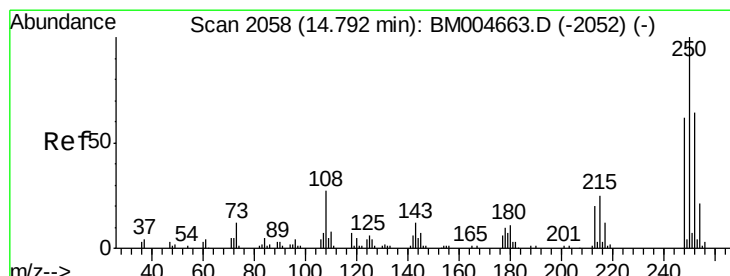
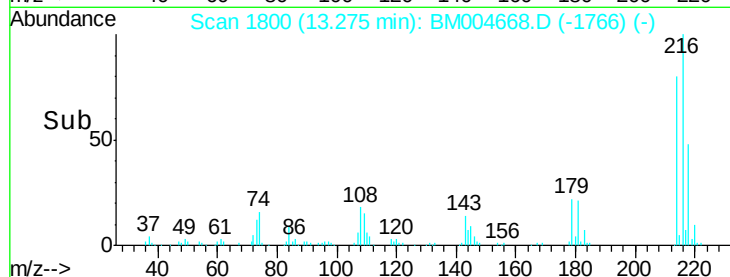
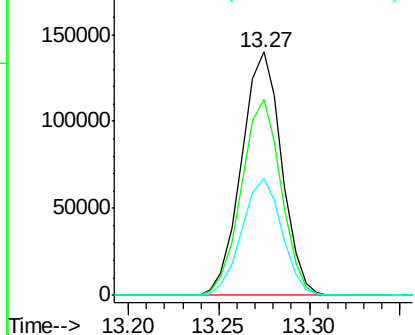
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 44.33 ng/uL
 RT: 13.27 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BM004668.D
 Acq: 17 Mar 2016 16:09

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	80.4	62.5	93.7
218	47.9	38.4	57.6

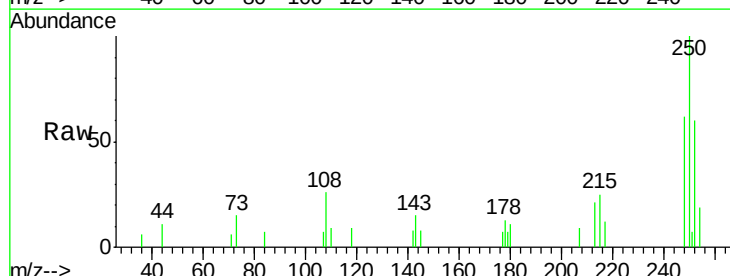


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E

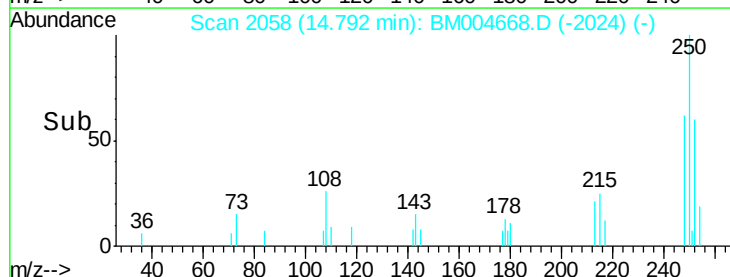
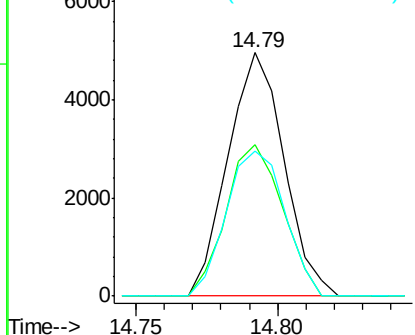


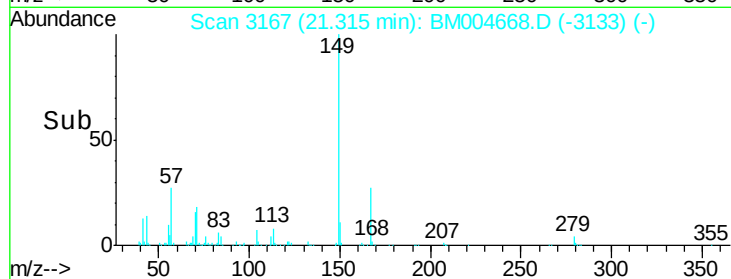
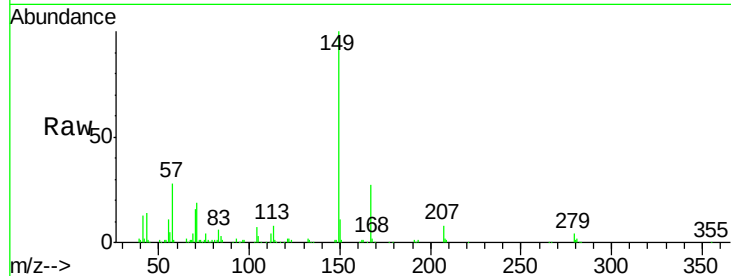
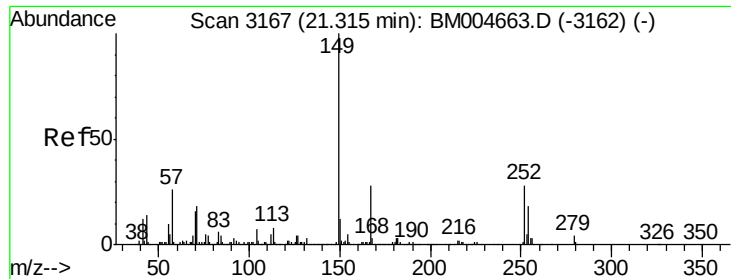
#74
 Pentachlorobenzene
 Concen: 1.46 ng/uL
 RT: 14.79 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BM004668.D
 Acq: 17 Mar 2016 16:09

Tgt Ion	Ratio	Lower	Upper
250	100		
248	62.3	50.6	75.8
252	59.5	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





#84

Bis(2-ethylhexyl)phthalate

Concen: 12.85 ng/ul

RT: 21.32 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BM004668.D

Acq: 17 Mar 2016 16:09

Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 171183

Ion Ratio Lower Upper

149 100

167 27.3 21.6 32.4

279 3.8 3.0 4.4

