

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
 Data File : BM004666.D
 Acq On : 17 Mar 2016 14:56
 Operator : UM/SJ
 Sample : H1783-07RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA7RE

Quant Time: Mar 18 11:06:17 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	7.88	152	29299	20.00	ng/ul	0.04
18) Naphthalene-d8	10.66	136	285279	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.47	164	150007	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	322923	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	358404	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	350485	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	1939	2.28	ng/uL	0.00
5) Phenol-d5	7.00	99	39084	16.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	114707	84.06	ng/ul	0.03
9) 2-Chlorophenol-d4	7.39	132	126456	65.25	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	75473	38.89	ng/ul	0.01
19) Nitrobenzene-d5	9.02	128	76492	38.55	ng/ul	0.02
22) 2-Nitrophenol-d4	9.73	143	82065	38.30	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	134067	31.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	2488	0.49	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	434612	37.06	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	556407	38.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	14905	6.58	ng/ul	0.00
58) Fluorene-d10	15.47	176	377019	36.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	60368	35.57	ng/ul	0.00
71) Anthracene-d10	17.32	188	570313	38.36	ng/ul	0.00
79) Pyrene-d10	19.61	212	634986	38.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	674286	43.07	ng/ul	0.00

Target Compounds

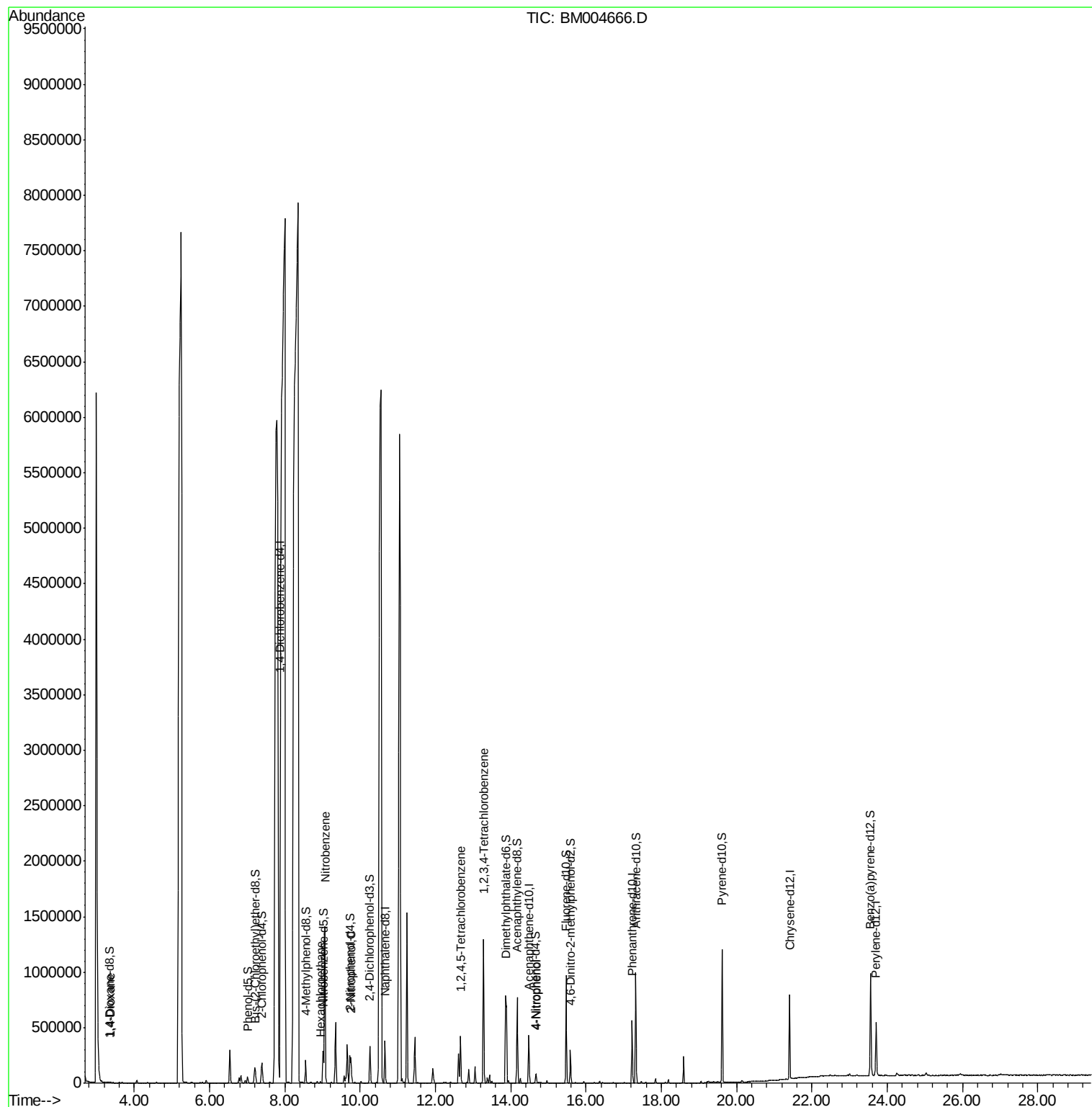
						Qvalue
2) 1,4-Dioxane	3.37	88	4306	4.35	ng/uL	95
17) Hexachloroethane	8.94	117	2346	2.89	ng/ul	95
20) Nitrobenzene	9.06	77	832866	170.12	ng/ul	99
23) 2-Nitrophenol	9.76	139	74830	31.52	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	142815	29.80	ng/ul	99
53) 4-Nitrophenol	14.67	109	9864	5.37	ng/ul	89
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	395084	88.92	ng/uL	99

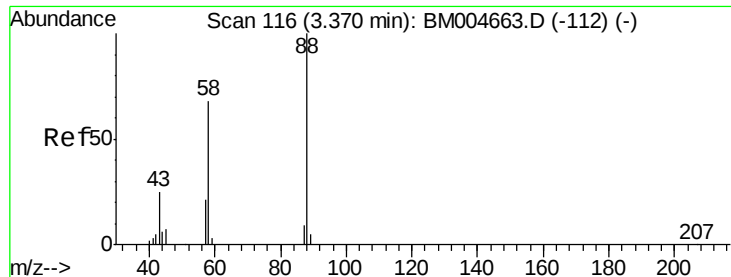
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 4.35 ng/uL

RT: 3.37 min Scan# 116

Delta R.T. -0.00 min

Lab File: BM004666.D

Acq: 17 Mar 2016 14:56

Instrument :

BNA_M

ClientSampleId :

C0AA7RE

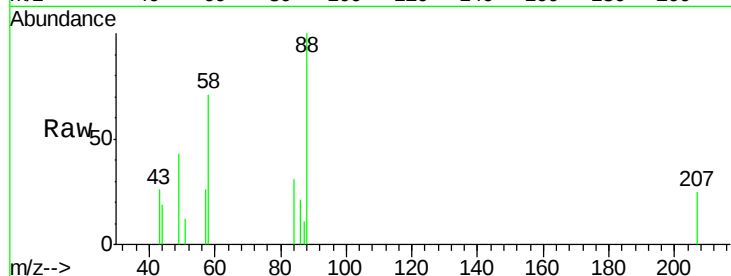
Tgt Ion: 88 Resp: 4306

Ion Ratio Lower Upper

88 100

43 24.4 21.0 31.6

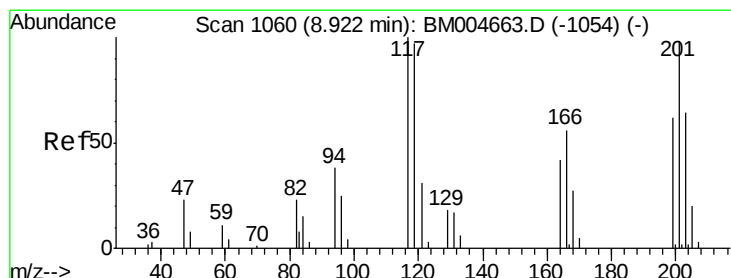
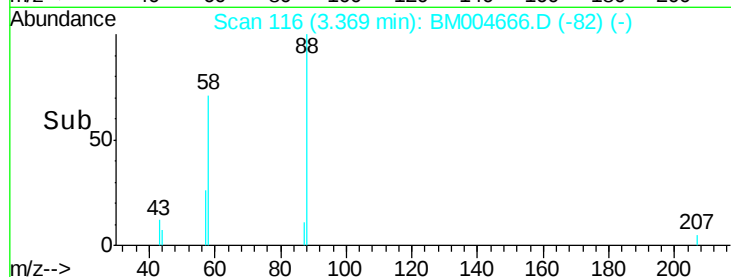
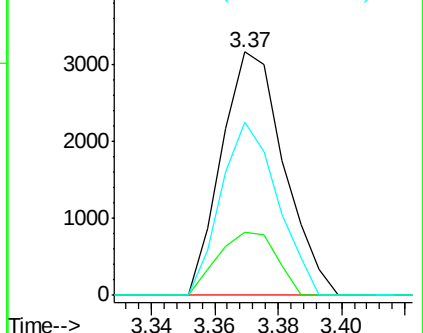
58 64.2 47.8 71.8



Abundance Ion 88.00 (87.70 to 88.70): BM004666.D (-112) (-)

Ion 43.00 (42.70 to 43.70): BM004666.D (-112) (-)

Ion 58.00 (57.70 to 58.70): BM004666.D (-112) (-)



#17

Hexachloroethane

Concen: 2.89 ng/uL

RT: 8.94 min Scan# 1063

Delta R.T. 0.02 min

Lab File: BM004666.D

Acq: 17 Mar 2016 14:56

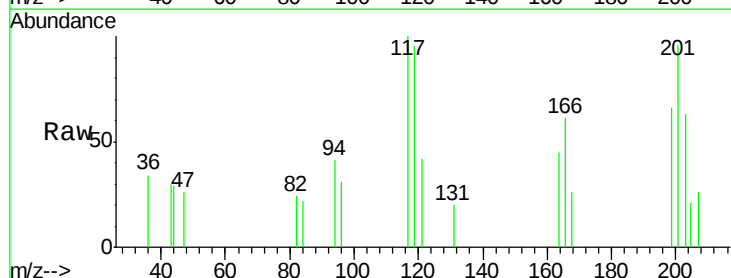
Tgt Ion: 117 Resp: 2346

Ion Ratio Lower Upper

117 100

201 95.6 81.5 122.3

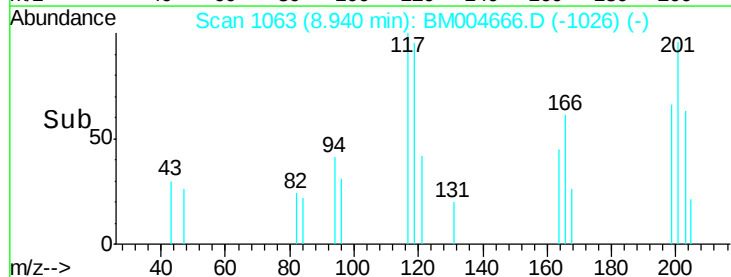
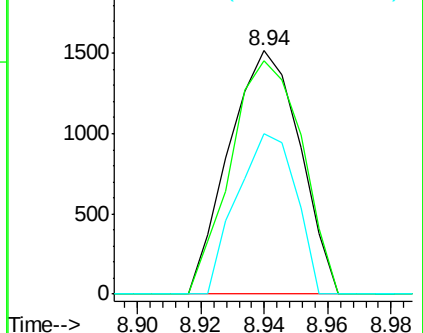
199 65.8 50.6 76.0

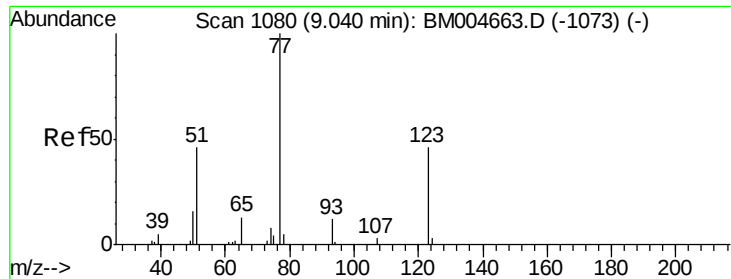


Abundance Ion 117.00 (116.70 to 117.70): BM004666.D (-1054) (-)

Ion 201.00 (200.70 to 201.70): BM004666.D (-1054) (-)

Ion 199.00 (198.70 to 199.70): BM004666.D (-1054) (-)

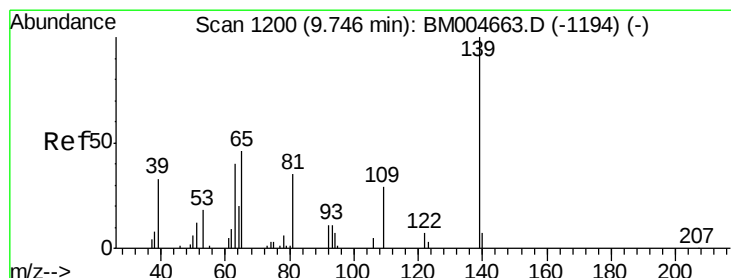
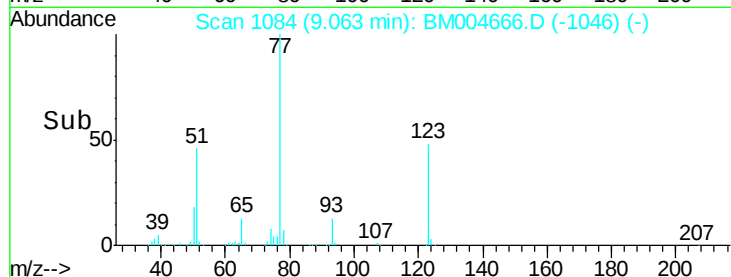
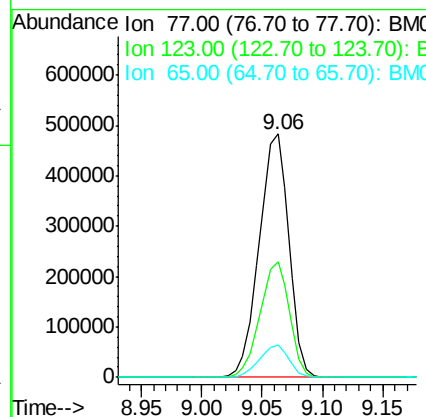
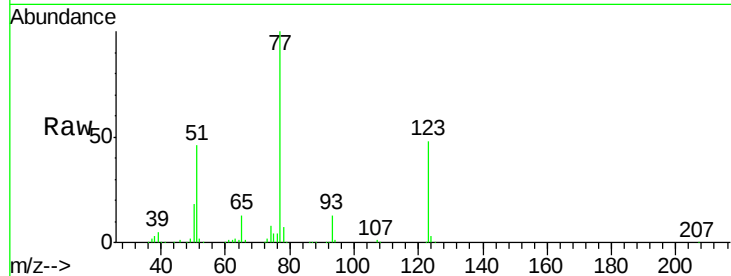




#20
Nitrobenzene
Concen: 170.12 ng/ul
RT: 9.06 min Scan# 1084
Delta R.T. 0.02 min
Lab File: BM004666.D
Acq: 17 Mar 2016 14:56

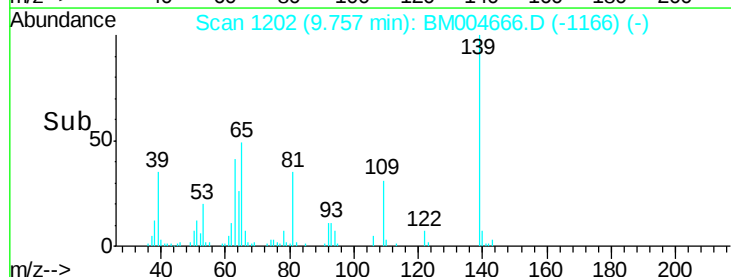
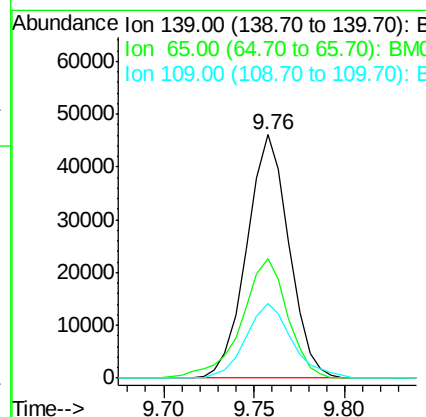
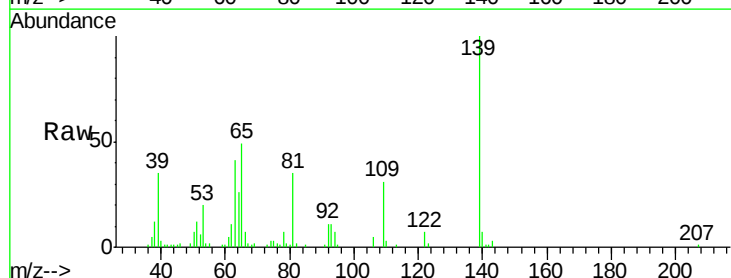
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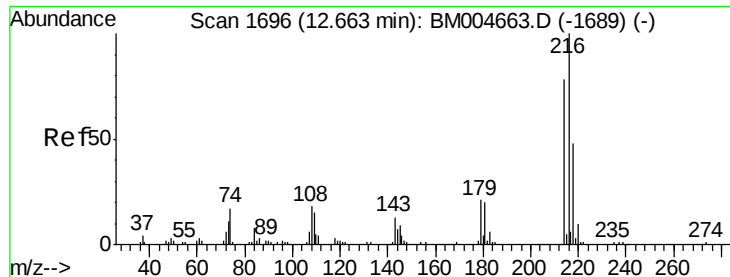
Tgt Ion: 77 Resp: 832866
Ion Ratio Lower Upper
77 100
123 47.7 39.0 58.4
65 13.1 10.4 15.6



#23
2-Nitrophenol
Concen: 31.52 ng/ul
RT: 9.76 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BM004666.D
Acq: 17 Mar 2016 14:56

Tgt Ion: 139 Resp: 74830
Ion Ratio Lower Upper
139 100
65 49.0 36.3 54.5
109 30.9 26.4 39.6

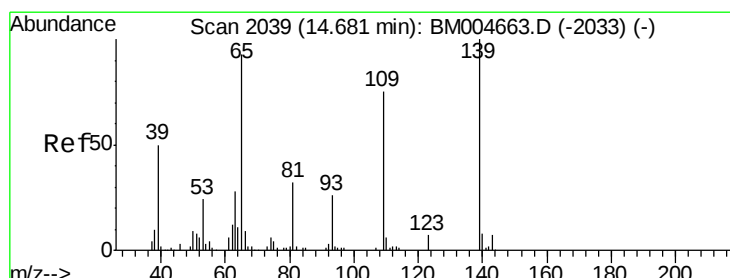
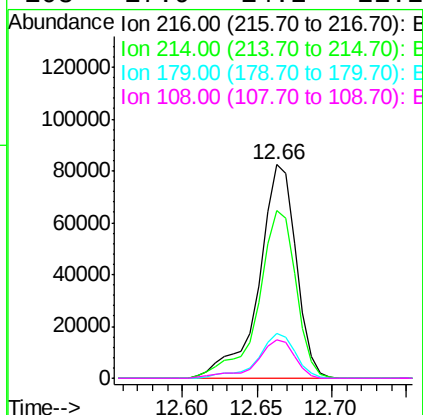
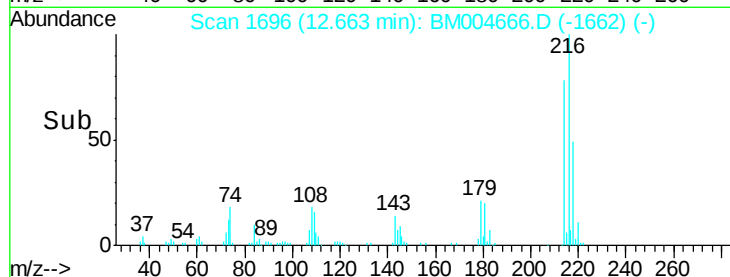
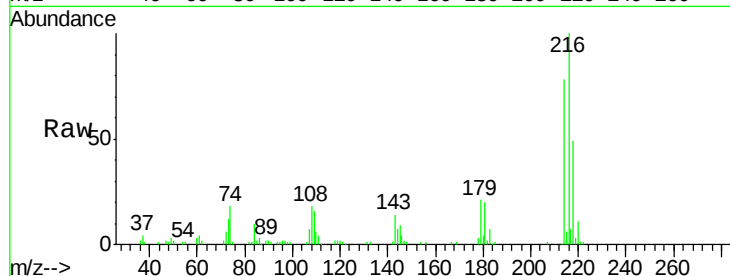




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.80 ng/ul
 RT: 12.66 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BM004666.D
 Acq: 17 Mar 2016 14:56

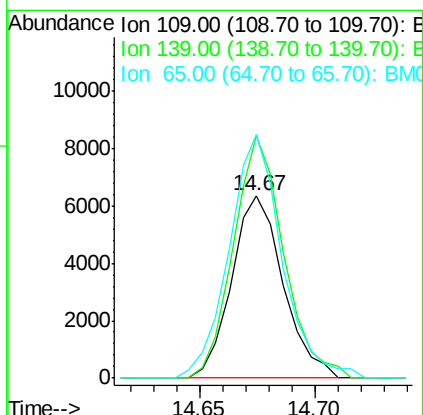
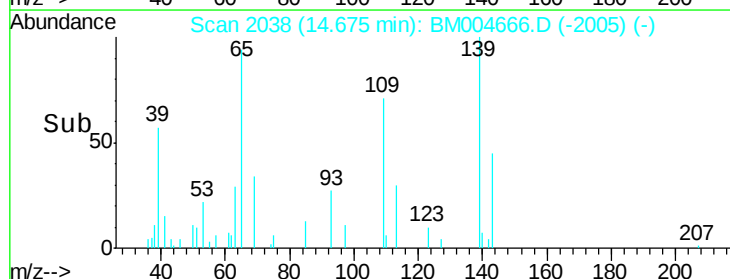
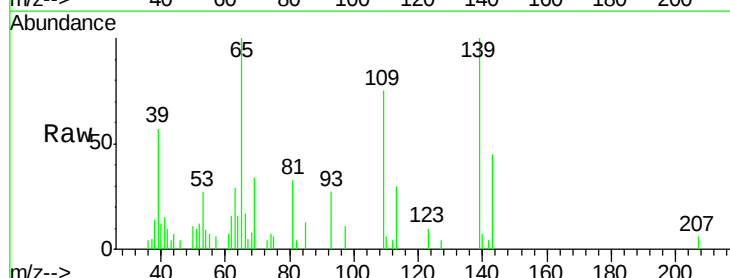
Instrument :
 BNA_M
 ClientSampleId :
 C0AA7RE

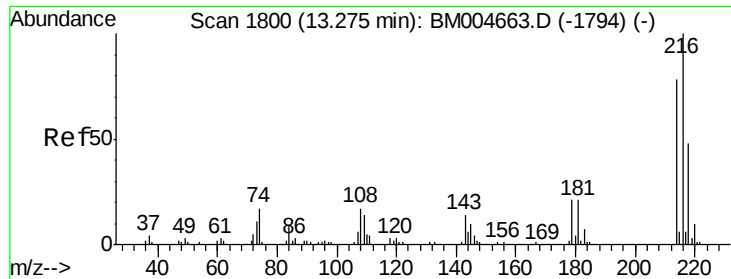
Tgt Ion:	216	Resp:	142815
Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.5	93.7
179	21.0	18.2	27.2
108	17.9	14.2	21.2



#53
 4-Nitrophenol
 Concen: 5.37 ng/ul
 RT: 14.67 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BM004666.D
 Acq: 17 Mar 2016 14:56

Tgt Ion:	109	Resp:	9864
Ion	Ratio	Lower	Upper
109	100		
139	133.2	103.7	155.5
65	133.7	89.4	134.2





#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 88.92 ng/uL
 RT: 13.27 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BM004666.D
 Acq: 17 Mar 2016 14:56

Instrument :
 BNA_M
 ClientSampleId :
 C0AA7RE

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	62.5	93.7
218	48.4	38.4	57.6

