

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
 Data File : BM004640.D
 Acq On : 16 Mar 2016 17:28
 Operator : UM/SJ
 Sample : H1783-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA7

Quant Time: Mar 17 14:55:12 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	7.87	152	27540	20.00	ng/ul	0.03
18) Naphthalene-d8	10.66	136	257946	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.48	164	136063	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	300157	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	352088	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	343971	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	2158	2.70	ng/uL	0.00
5) Phenol-d5	7.01	99	37030	16.36	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.20	67	110078	85.82	ng/ul	0.03
9) 2-Chlorophenol-d4	7.39	132	119634	65.67	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	70966	38.90	ng/ul	0.01
19) Nitrobenzene-d5	9.02	128	70031	39.04	ng/ul	0.02
22) 2-Nitrophenol-d4	9.73	143	73834	38.11	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	125609	33.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	2096	0.46	ng/ul	0.02
44) Dimethylphthalate-d6	13.89	166	417765	39.28	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	526874	40.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	13519	6.58	ng/ul	0.00
58) Fluorene-d10	15.47	176	363447	39.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	54582	34.60	ng/ul	0.00
71) Anthracene-d10	17.32	188	557294	40.33	ng/ul	0.00
79) Pyrene-d10	19.62	212	645124	40.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	690136	44.92	ng/ul	0.01

Target Compounds

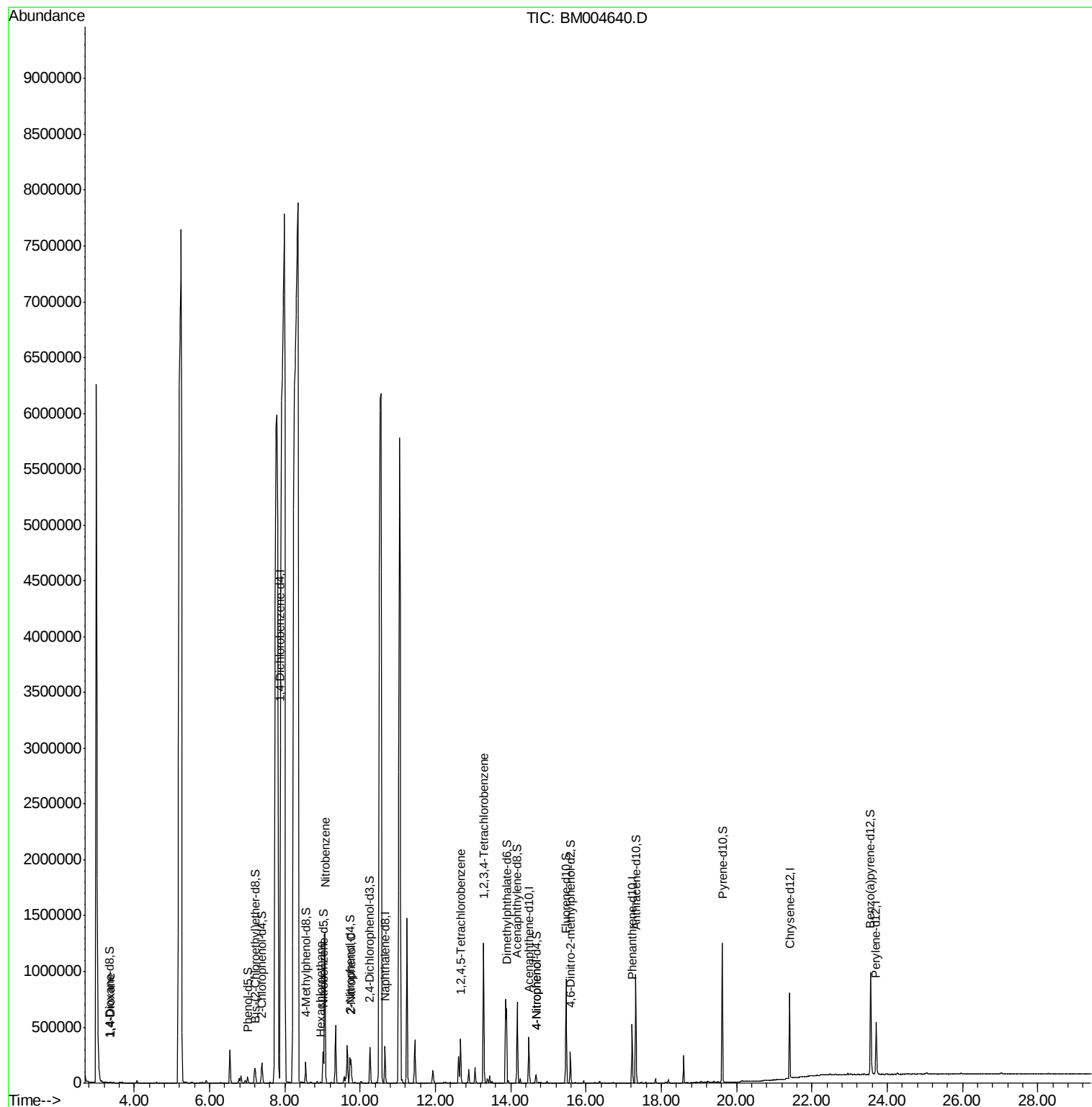
						Qvalue
2) 1,4-Dioxane	3.38	88	4124	4.43	ng/uL	96
17) Hexachloroethane	8.94	117	2106	2.76	ng/ul	97
20) Nitrobenzene	9.06	77	799503	180.61	ng/ul	98
23) 2-Nitrophenol	9.76	139	68670	31.99	ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	12.67	216	135788	31.24	ng/ul	99
53) 4-Nitrophenol	14.67	109	9274	5.56	ng/ul	87
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	378124	91.56	ng/uL	99

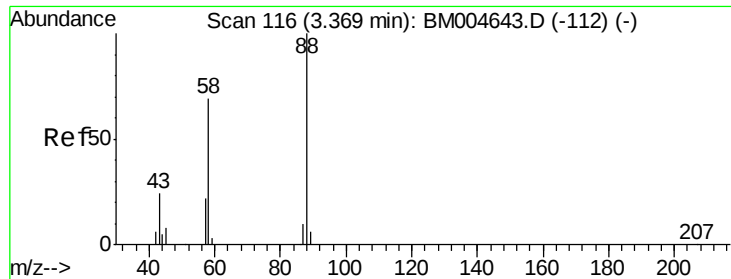
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 4.43 ng/uL

RT: 3.38 min Scan# 117

Delta R.T. 0.01 min

Lab File: BM004640.D

Acq: 16 Mar 2016 17:28

Instrument :

BNA_M

ClientSampleId :

C0AA7

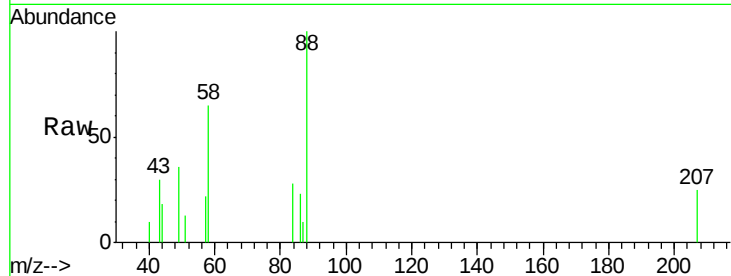
Tgt Ion: 88 Resp: 4124

Ion Ratio Lower Upper

88 100

43 27.0 21.0 31.6

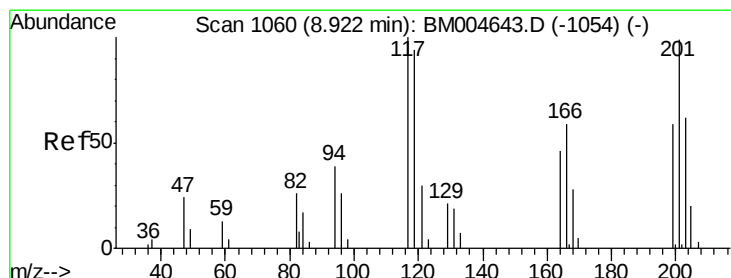
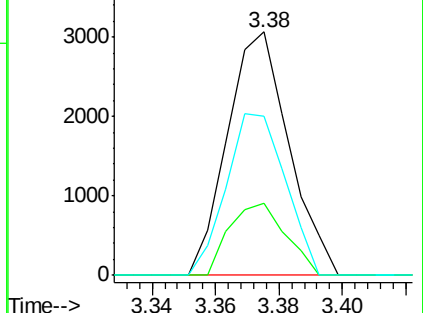
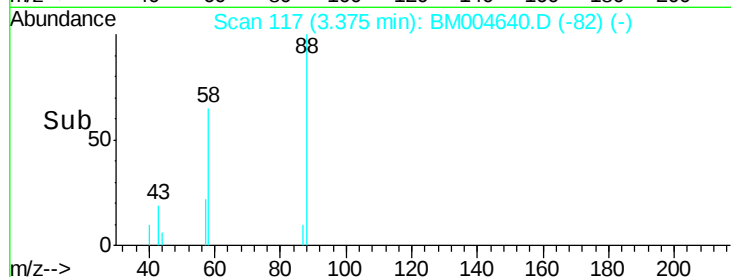
58 63.6 47.8 71.8



Abundance Ion 88.00 (87.70 to 88.70): BM004640.D (-112) (-)

Ion 43.00 (42.70 to 43.70): BM004640.D (-112) (-)

Ion 58.00 (57.70 to 58.70): BM004640.D (-112) (-)



#17

Hexachloroethane

Concen: 2.76 ng/uL

RT: 8.94 min Scan# 1063

Delta R.T. 0.02 min

Lab File: BM004640.D

Acq: 16 Mar 2016 17:28

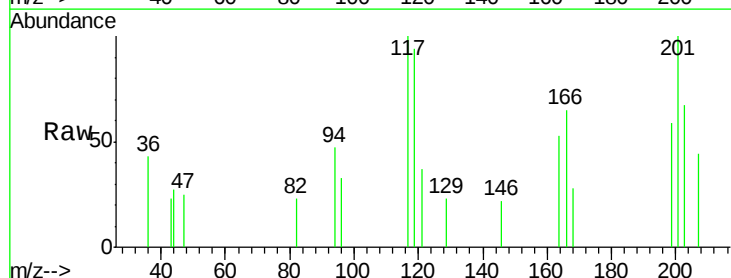
Tgt Ion: 117 Resp: 2106

Ion Ratio Lower Upper

117 100

201 100.1 81.5 122.3

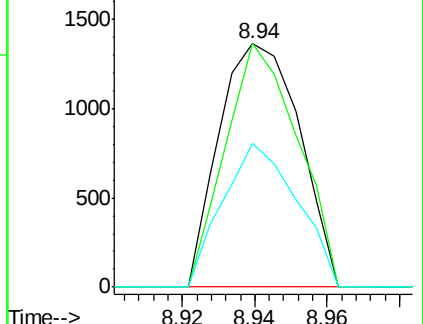
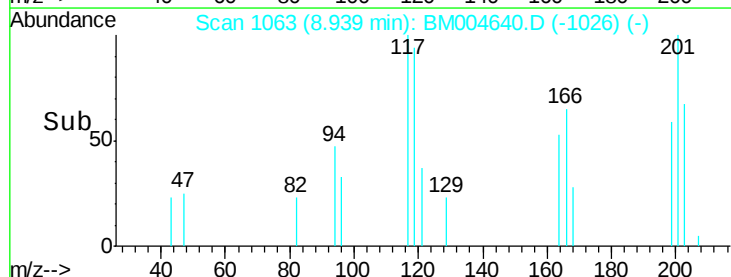
199 59.1 50.6 76.0

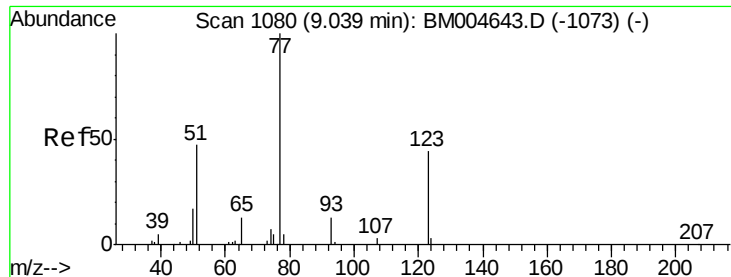


Abundance Ion 117.00 (116.70 to 117.70): BM004640.D (-1054) (-)

Ion 201.00 (200.70 to 201.70): BM004640.D (-1054) (-)

Ion 199.00 (198.70 to 199.70): BM004640.D (-1054) (-)

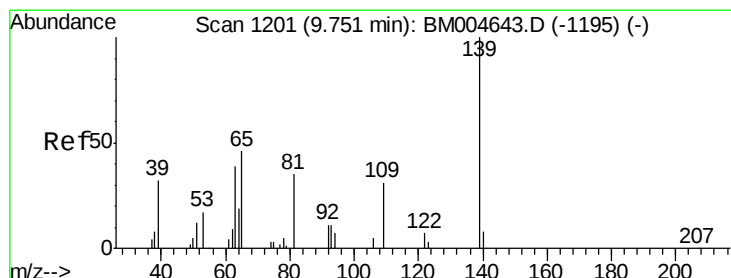
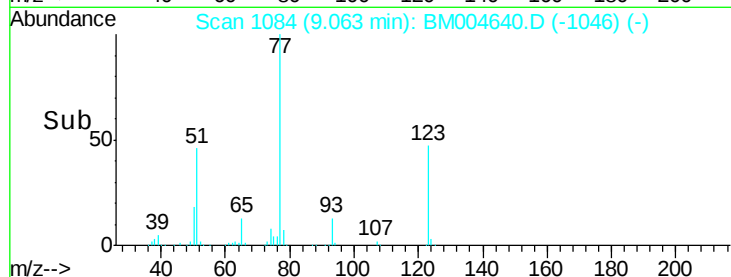
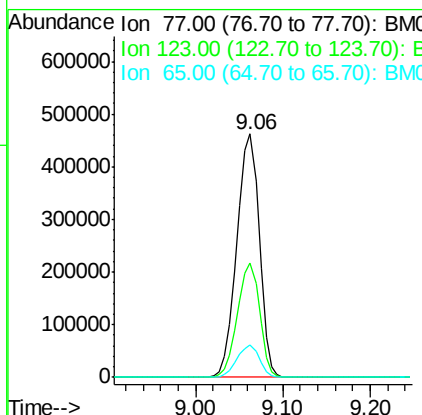
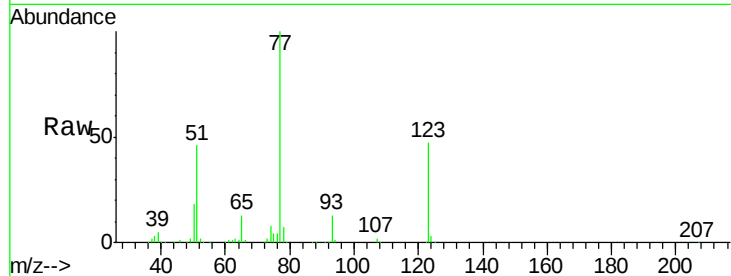




#20
Nitrobenzene
Concen: 180.61 ng/ul
RT: 9.06 min Scan# 1084
Delta R.T. 0.02 min
Lab File: BM004640.D
Acq: 16 Mar 2016 17:28

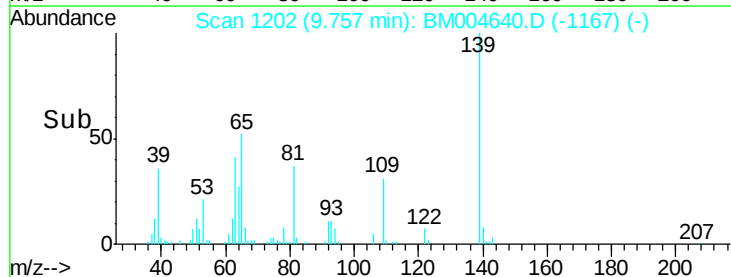
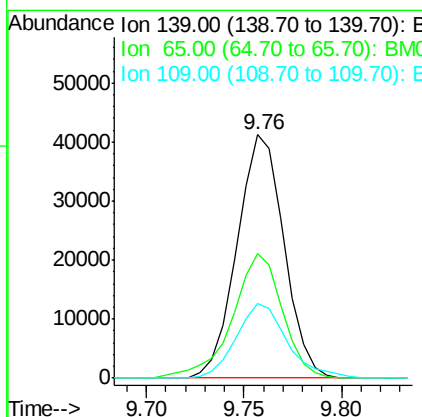
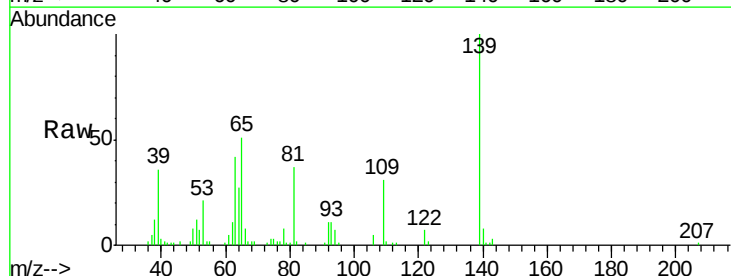
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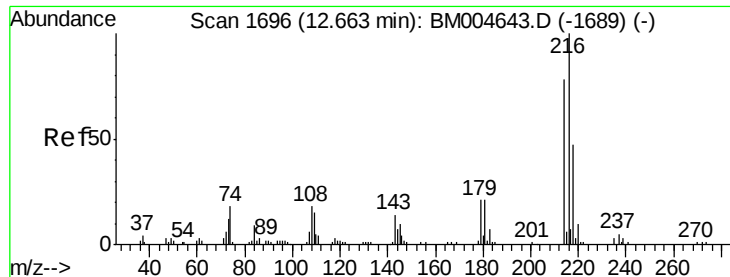
Tgt Ion: 77 Resp: 799503
Ion Ratio Lower Upper
77 100
123 46.7 39.0 58.4
65 13.2 10.4 15.6



#23
2-Nitrophenol
Concen: 31.99 ng/ul
RT: 9.76 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BM004640.D
Acq: 16 Mar 2016 17:28

Tgt Ion: 139 Resp: 68670
Ion Ratio Lower Upper
139 100
65 51.3 36.3 54.5
109 30.8 26.4 39.6

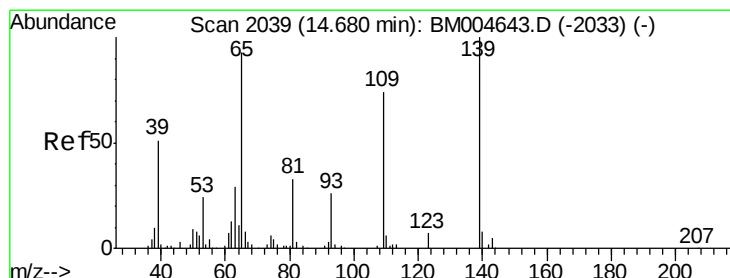
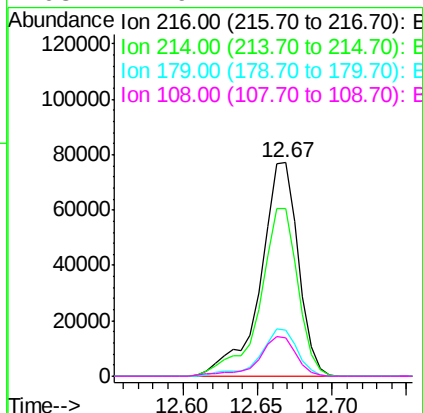
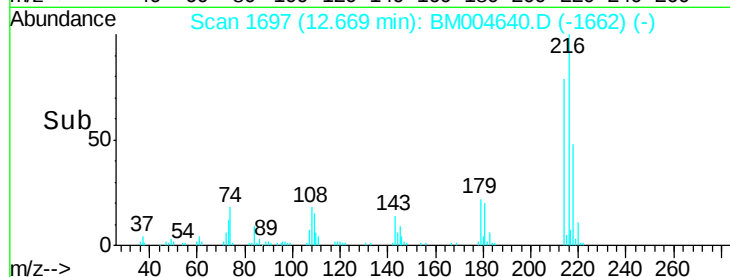
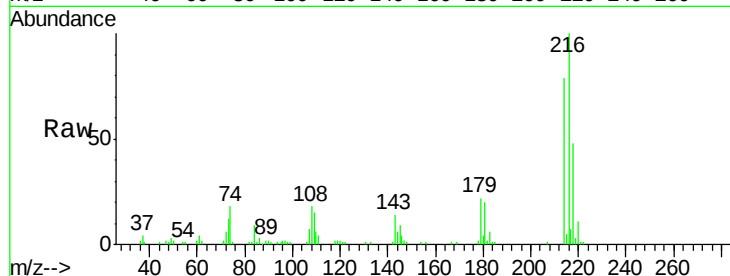




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.24 ng/ul
 RT: 12.67 min Scan# 1697
 Delta R.T. 0.01 min
 Lab File: BM004640.D
 Acq: 16 Mar 2016 17:28

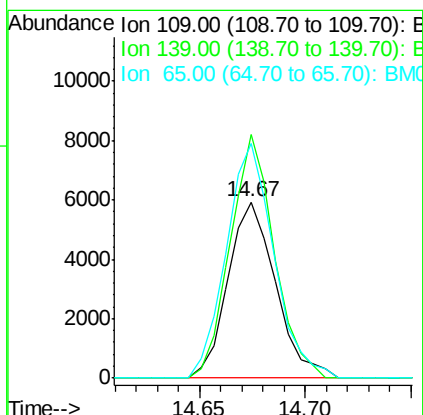
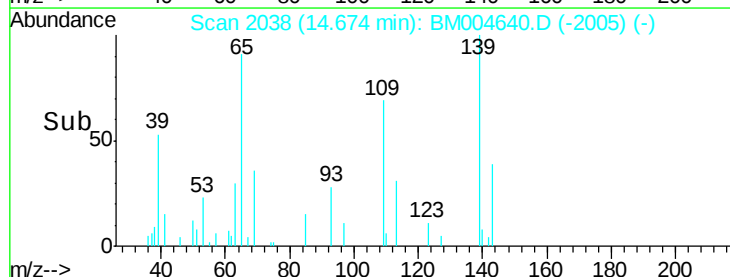
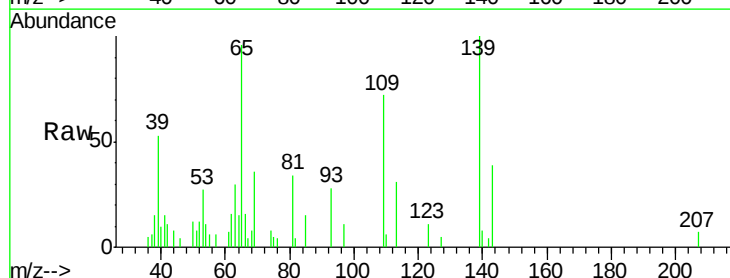
Instrument :
 BNA_M
 ClientSampleId :
 C0AA7

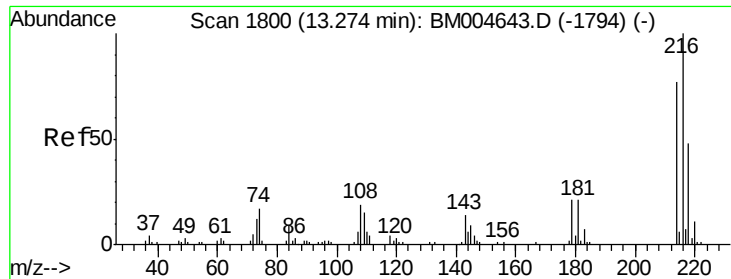
Tgt Ion:	216	Resp:	135788
Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.5	93.7
179	21.8	18.2	27.2
108	17.9	14.2	21.2



#53
 4-Nitrophenol
 Concen: 5.56 ng/ul
 RT: 14.67 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BM004640.D
 Acq: 16 Mar 2016 17:28

Tgt Ion:	109	Resp:	9274
Ion	Ratio	Lower	Upper
109	100		
139	138.1	103.7	155.5
65	132.9	89.4	134.2





#73

1,2,3,4-Tetrachlorobenzene

Concen: 91.56 ng/uL

RT: 13.27 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BM004640.D

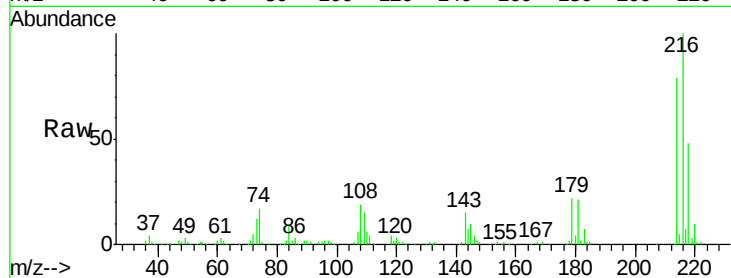
Acq: 16 Mar 2016 17:28

Instrument :

BNA_M

ClientSampleId :

C0AA7



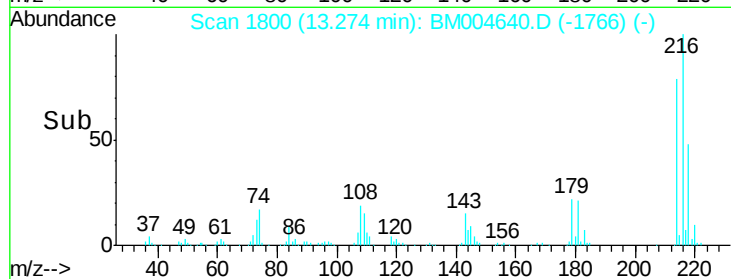
Tgt Ion: 216 Resp: 378124

Ion Ratio Lower Upper

216 100

214 78.9 62.5 93.7

218 48.3 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

