

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
 Data File : BM004664.D
 Acq On : 17 Mar 2016 13:43
 Operator : UM/SJ
 Sample : H1783-02RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA2RE

Quant Time: Mar 18 05:34:20 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	30650	20.00	ng/ul	0.04
18) Naphthalene-d8	10.66	136	292687	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.47	164	152987	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	333698	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	371106	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	360767	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	1806	2.03	ng/uL	0.00
5) Phenol-d5	7.00	99	36602	14.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	104193	72.99	ng/ul	0.03
9) 2-Chlorophenol-d4	7.39	132	116379	57.40	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	70235	34.60	ng/ul	0.01
19) Nitrobenzene-d5	9.02	128	68692	33.75	ng/ul	0.02
22) 2-Nitrophenol-d4	9.73	143	73525	33.44	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	122737	28.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	8534	1.65	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	387951	32.44	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	493491	33.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	13117	5.67	ng/ul	0.00
58) Fluorene-d10	15.47	176	338130	32.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	50465	28.78	ng/ul	0.00
71) Anthracene-d10	17.32	188	515681	33.57	ng/ul	0.00
79) Pyrene-d10	19.61	212	575989	34.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	602315	37.38	ng/ul	0.00

Target Compounds

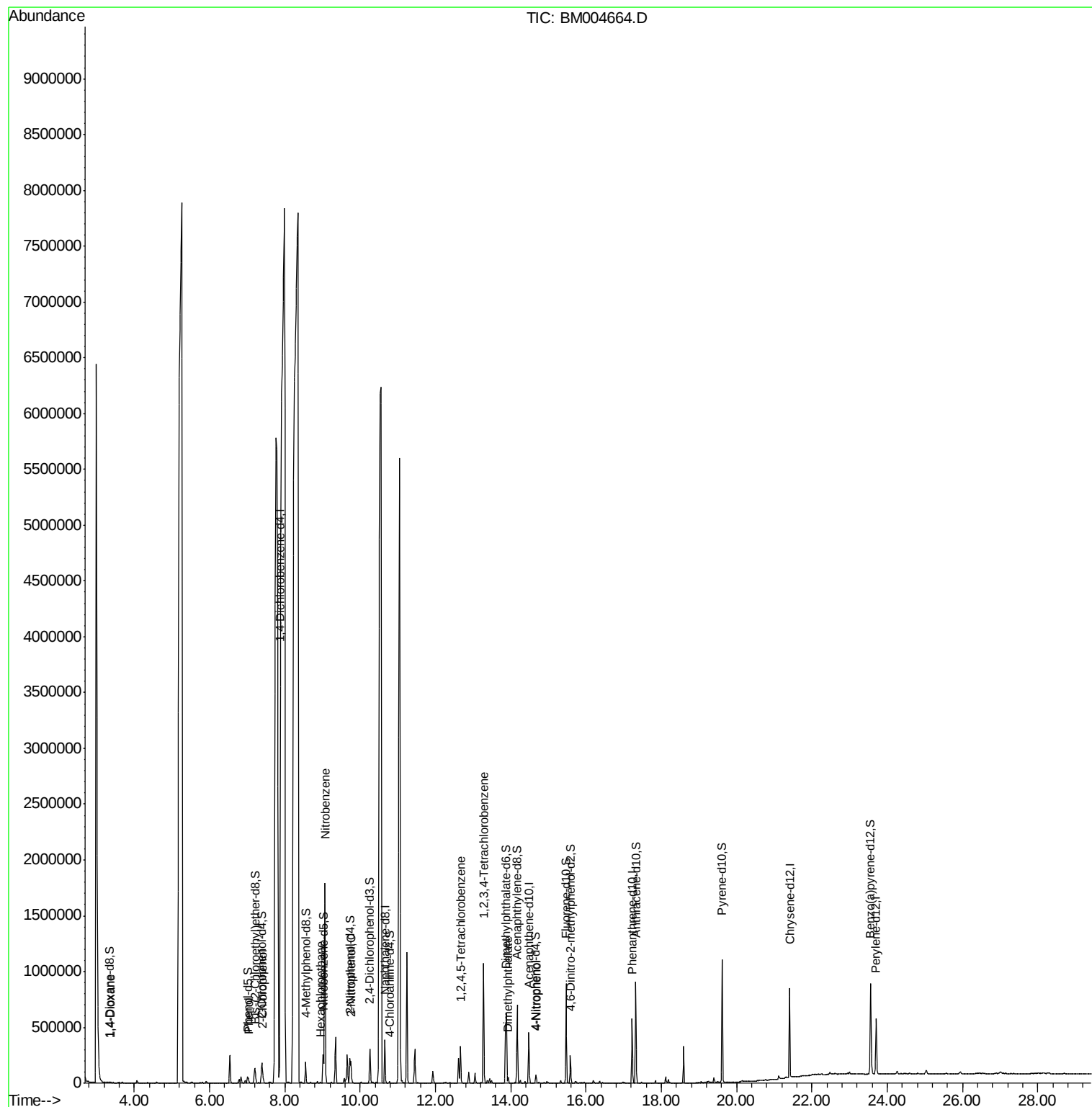
						Qvalue
2) 1,4-Dioxane	3.37	88	2777	2.68	ng/uL	96
6) Phenol	7.03	94	21892	8.26	ng/ul	100
10) 2-Chlorophenol	7.42	128	23858	11.15	ng/ul#	89
17) Hexachloroethane	8.94	117	1830	2.15	ng/ul	90
20) Nitrobenzene	9.06	77	1055261	210.09	ng/ul	99
23) 2-Nitrophenol	9.76	139	64106	26.32	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	109276	22.36	ng/ul	98
45) Dimethylphthalate	13.93	163	23502	1.94	ng/ul	98
53) 4-Nitrophenol	14.67	109	7814	4.17	ng/ul	92
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	320522	69.81	ng/uL	100

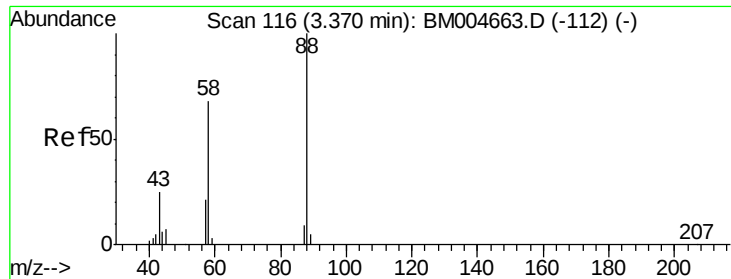
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 2.68 ng/uL

RT: 3.37 min Scan# 116

Delta R.T. -0.00 min

Lab File: BM004664.D

Acq: 17 Mar 2016 13:43

Instrument :

BNA_M

ClientSampleId :

C0AA2RE

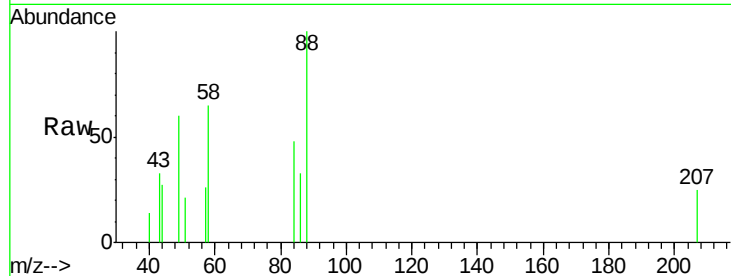
Tgt Ion: 88 Resp: 2777

Ion Ratio Lower Upper

88 100

43 25.8 21.0 31.6

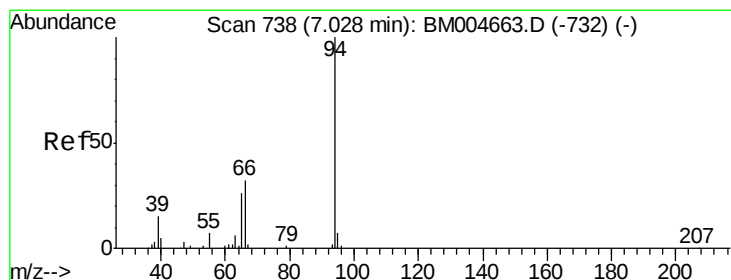
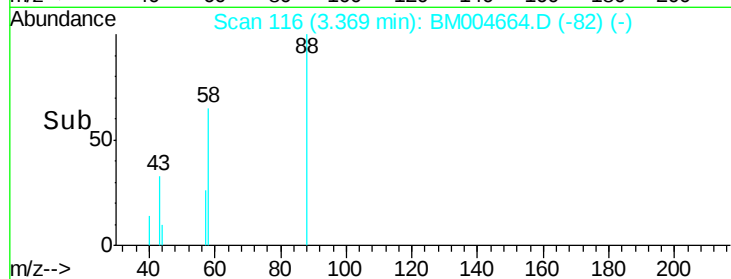
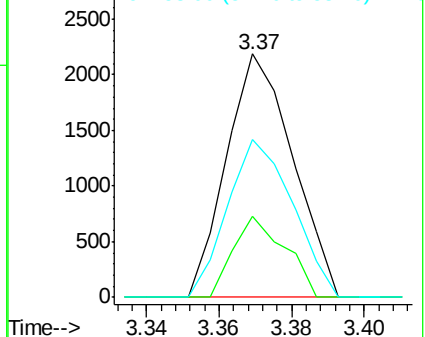
58 63.6 47.8 71.8



Abundance Ion 88.00 (87.70 to 88.70): BM004663.D (-112) (-)

Ion 43.00 (42.70 to 43.70): BM004663.D (-112) (-)

Ion 58.00 (57.70 to 58.70): BM004663.D (-112) (-)



#6

Phenol

Concen: 8.26 ng/uL

RT: 7.03 min Scan# 739

Delta R.T. 0.01 min

Lab File: BM004664.D

Acq: 17 Mar 2016 13:43

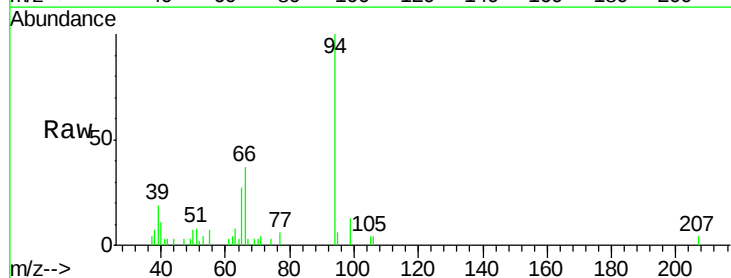
Tgt Ion: 94 Resp: 21892

Ion Ratio Lower Upper

94 100

65 26.6 21.0 31.6

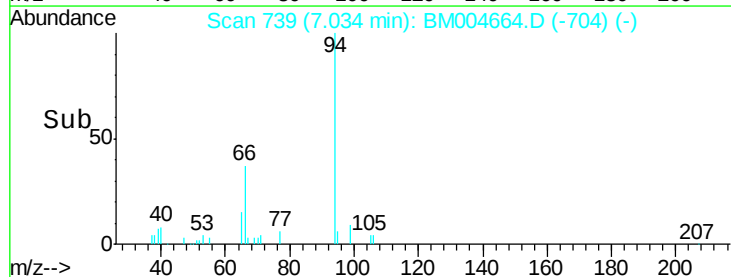
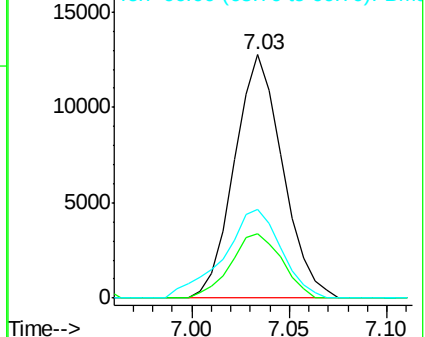
66 36.6 29.3 43.9

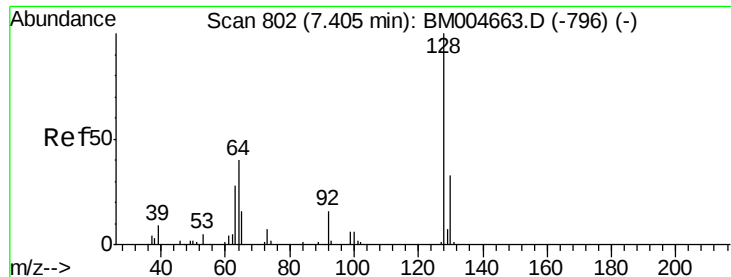


Abundance Ion 94.00 (93.70 to 94.70): BM004663.D (-732) (-)

Ion 65.00 (64.70 to 65.70): BM004663.D (-732) (-)

Ion 66.00 (65.70 to 66.70): BM004663.D (-732) (-)

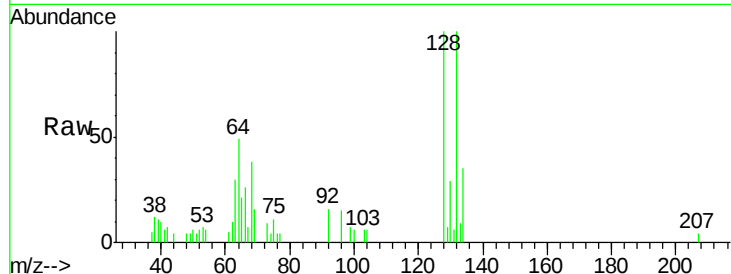




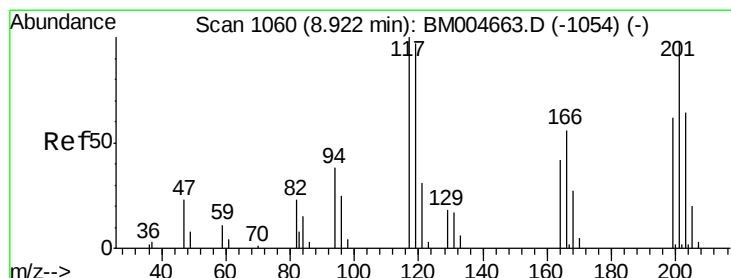
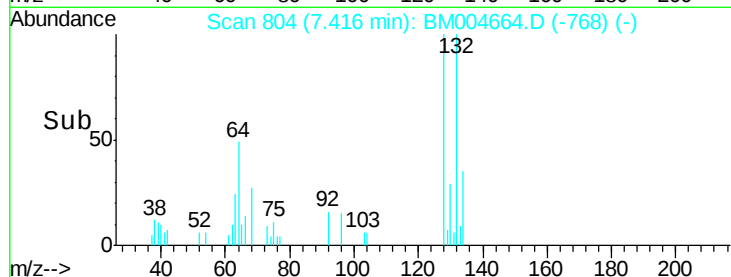
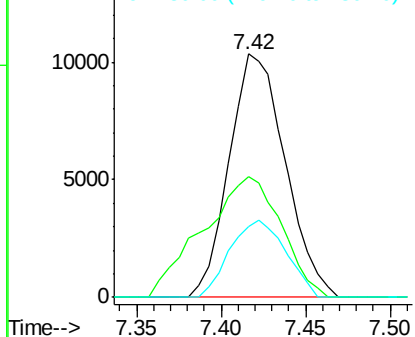
#10
2-Chlorophenol
Concen: 11.15 ng/ul
RT: 7.42 min Scan# 804
Delta R.T. 0.01 min
Lab File: BM004664.D
Acq: 17 Mar 2016 13:43

Instrument :
BNA_M
ClientSampleId :
C0AA2RE

Tgt Ion:128 Resp: 23858
Ion Ratio Lower Upper
128 100
64 49.4 31.9 47.9#
130 29.2 25.6 38.4

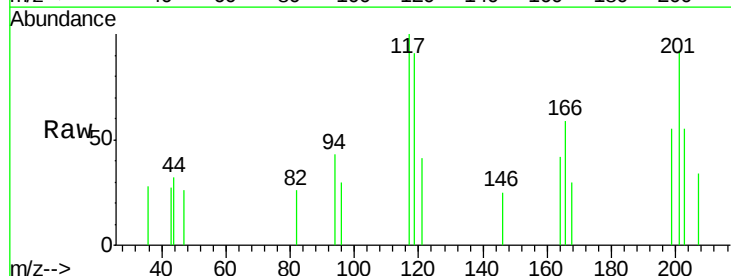


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM
Ion 130.00 (129.70 to 130.70): E

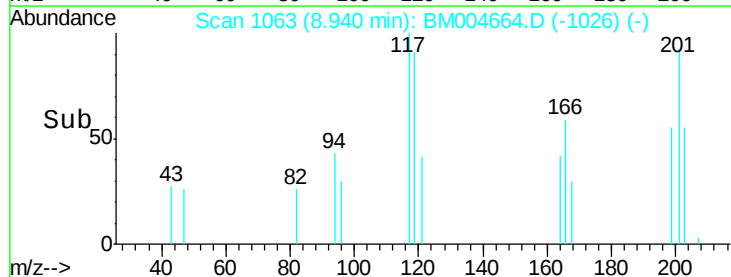
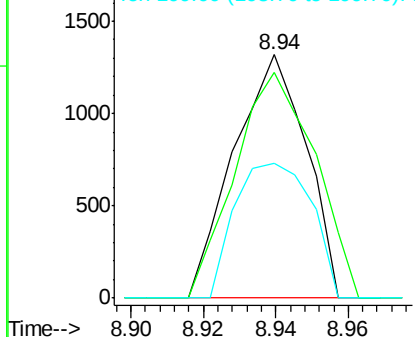


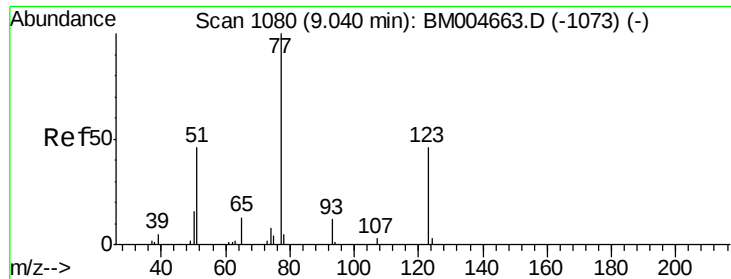
#17
Hexachloroethane
Concen: 2.15 ng/ul
RT: 8.94 min Scan# 1063
Delta R.T. 0.02 min
Lab File: BM004664.D
Acq: 17 Mar 2016 13:43

Tgt Ion:117 Resp: 1830
Ion Ratio Lower Upper
117 100
201 92.5 81.5 122.3
199 55.5 50.6 76.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

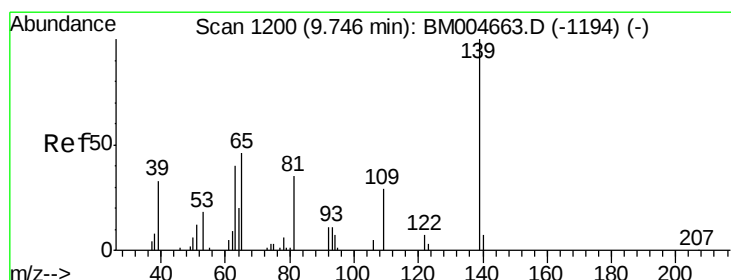
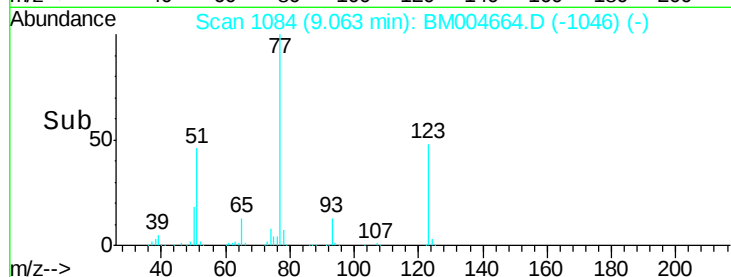
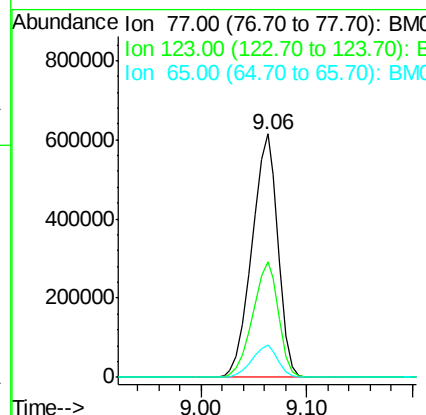
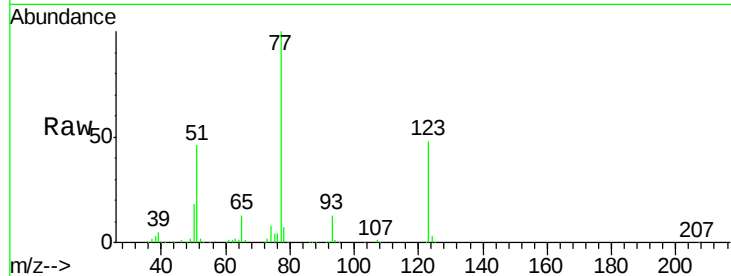




#20
Nitrobenzene
Concen: 210.09 ng/ul
RT: 9.06 min Scan# 1084
Delta R.T. 0.02 min
Lab File: BM004664.D
Acq: 17 Mar 2016 13:43

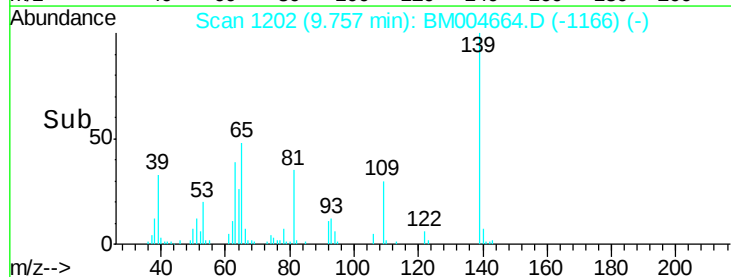
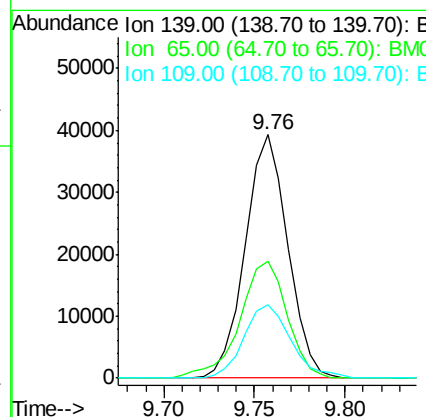
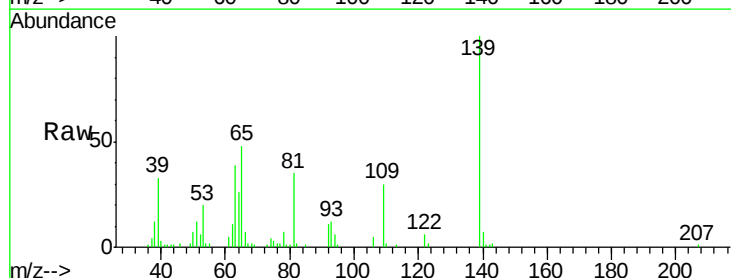
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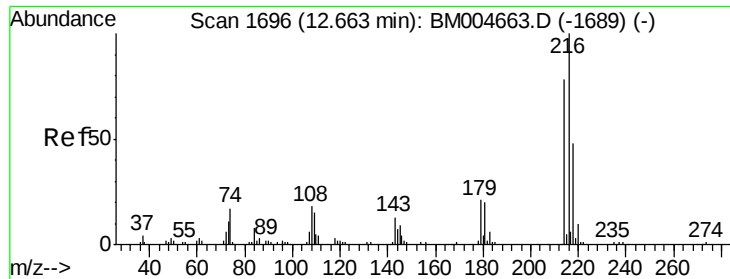
Tgt Ion: 77 Resp: 1055261
Ion Ratio Lower Upper
77 100
123 47.6 39.0 58.4
65 13.1 10.4 15.6



#23
2-Nitrophenol
Concen: 26.32 ng/ul
RT: 9.76 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BM004664.D
Acq: 17 Mar 2016 13:43

Tgt Ion: 139 Resp: 64106
Ion Ratio Lower Upper
139 100
65 48.2 36.3 54.5
109 30.3 26.4 39.6

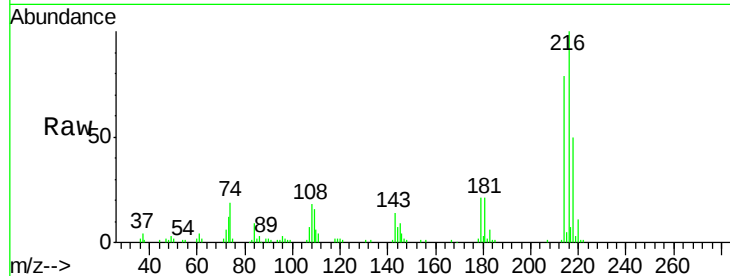




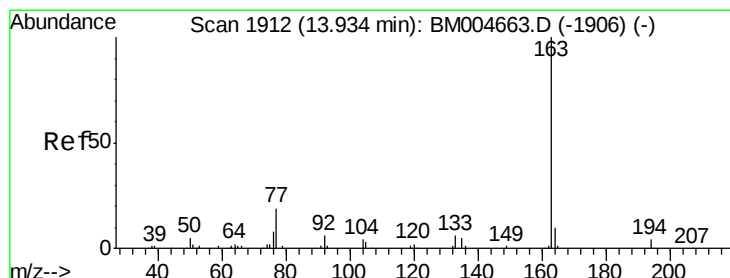
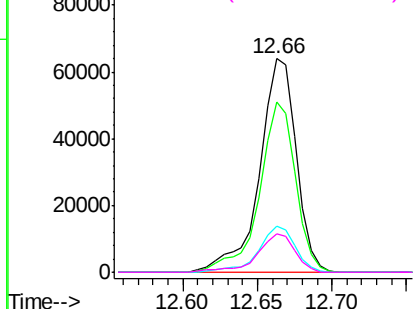
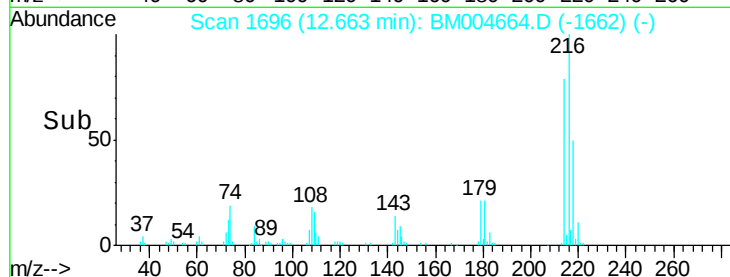
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 22.36 ng/ul
 RT: 12.66 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BM004664.D
 Acq: 17 Mar 2016 13:43

Instrument :
 BNA_M
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 C0AA2RE

Tgt Ion:	216	Resp:	109276
Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.5	93.7
179	21.3	18.2	27.2
108	18.1	14.2	21.2

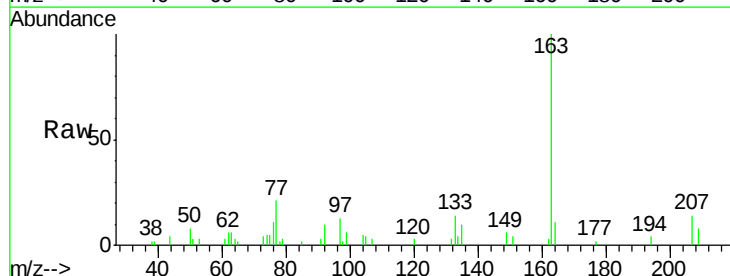


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

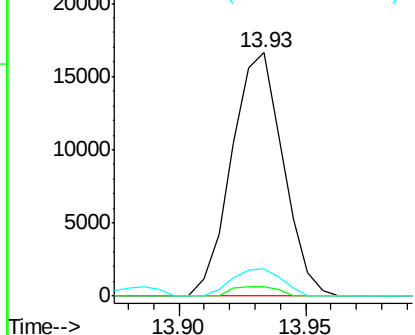
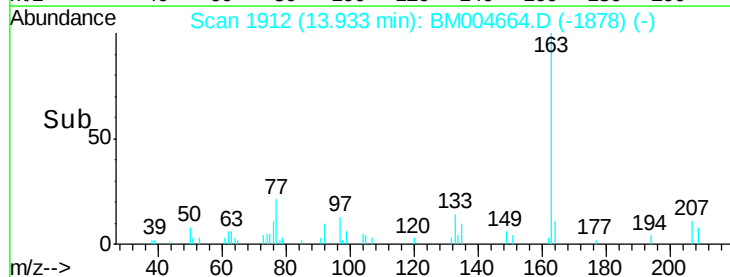


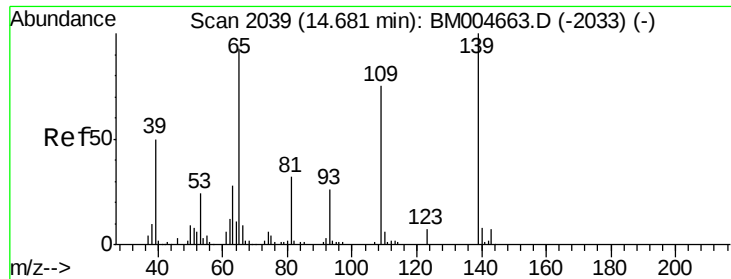
#45
 Dimethylphthalate
 Concen: 1.94 ng/ul
 RT: 13.93 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: BM004664.D
 Acq: 17 Mar 2016 13:43

Tgt Ion:	163	Resp:	23502
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	11.0	7.8	11.8



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#53

4-Nitrophenol

Concen: 4.17 ng/uL

RT: 14.67 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BM004664.D

Acq: 17 Mar 2016 13:43

Instrument :

BNA_M

ClientSampleId :

C0AA2RE

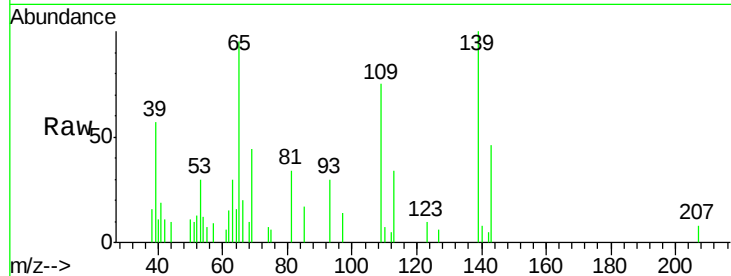
Tgt Ion:109 Resp: 7814

Ion Ratio Lower Upper

109 100

139 132.7 103.7 155.5

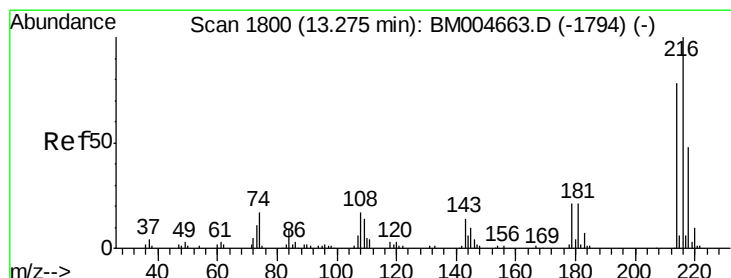
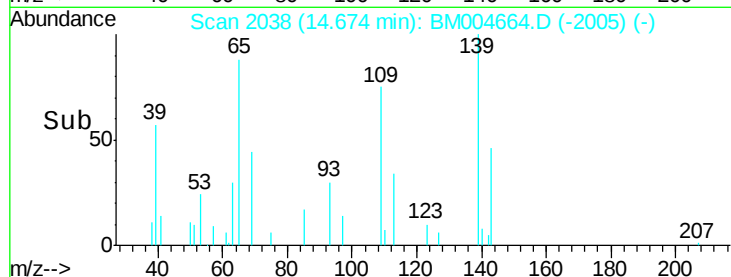
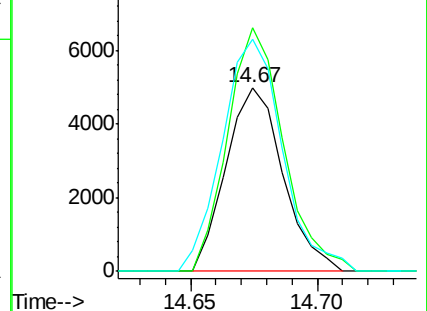
65 126.6 89.4 134.2



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#73

1,2,3,4-Tetrachlorobenzene

Concen: 69.81 ng/uL

RT: 13.27 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BM004664.D

Acq: 17 Mar 2016 13:43

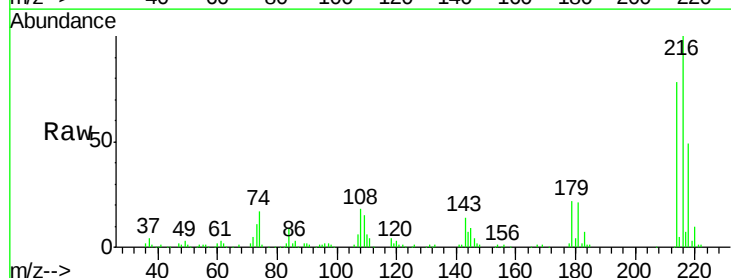
Tgt Ion:216 Resp: 320522

Ion Ratio Lower Upper

216 100

214 78.1 62.5 93.7

218 48.6 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

