

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
 Data File : BM004635.D
 Acq On : 16 Mar 2016 14:26
 Operator : UM/SJ
 Sample : H1783-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA2

Quant Time: Mar 17 01:38:03 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	30566	20.00	ng/ul	0.03
18) Naphthalene-d8	10.66	136	286413	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.48	164	151009	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	334303	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	377514	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	368790	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	1843	2.08	ng/uL	0.00
5) Phenol-d5	7.01	99	34921	13.90	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.20	67	100938	70.90	ng/ul	0.03
9) 2-Chlorophenol-d4	7.39	132	108931	53.87	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	65663	32.43	ng/ul	0.01
19) Nitrobenzene-d5	9.02	128	62850	31.55	ng/ul	0.02
22) 2-Nitrophenol-d4	9.73	143	65560	30.47	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	115471	27.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	7514	1.49	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	371288	31.45	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	468652	32.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	11516	5.05	ng/ul	0.00
58) Fluorene-d10	15.47	176	325549	31.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	45490	25.89	ng/ul	0.00
71) Anthracene-d10	17.32	188	498720	32.40	ng/ul	0.00
79) Pyrene-d10	19.61	212	568671	33.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	594734	36.11	ng/ul	0.00

Target Compounds

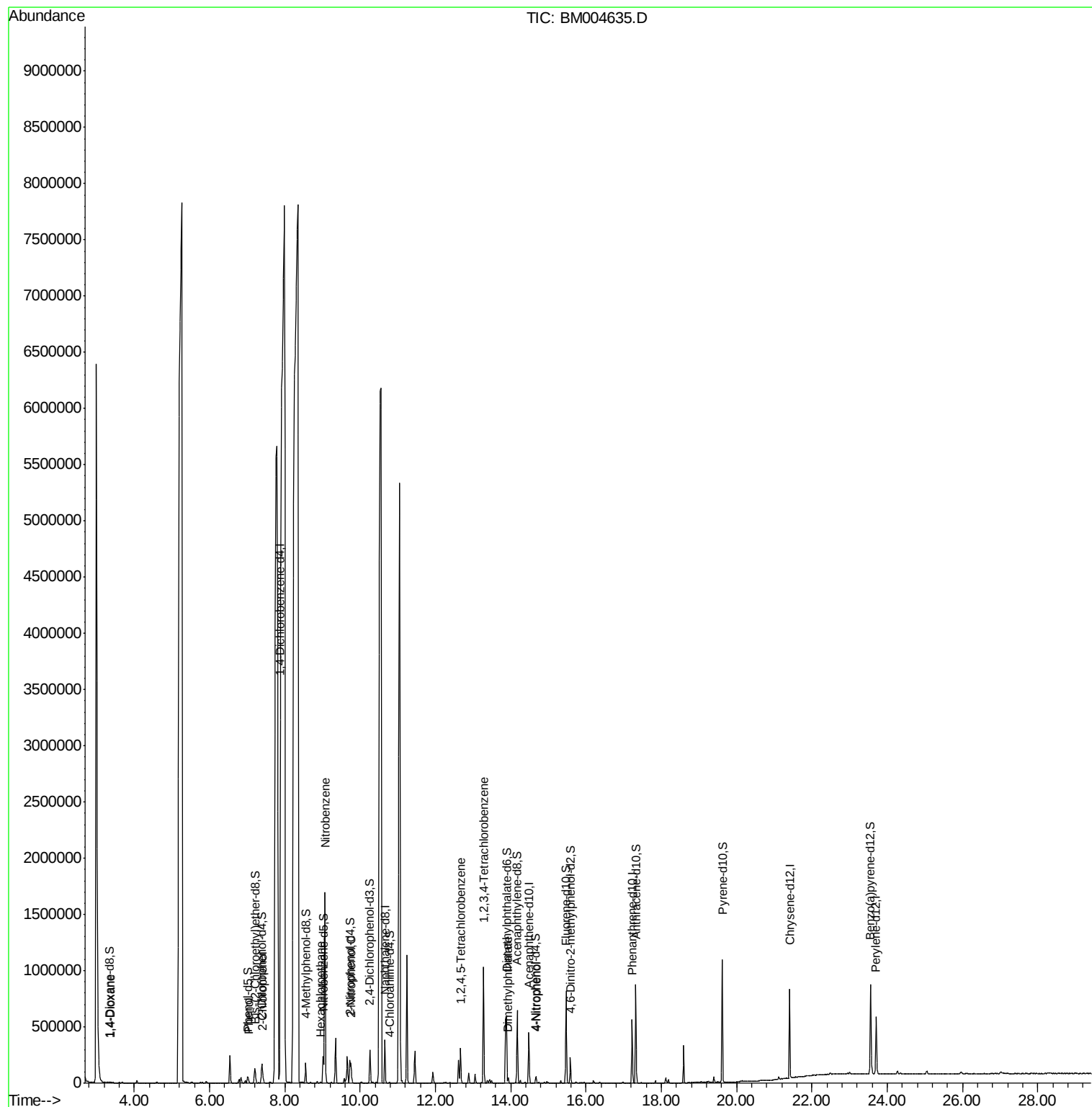
						Qvalue
2) 1,4-Dioxane	3.38	88	2824	2.73	ng/uL	95
6) Phenol	7.03	94	20409	7.72	ng/ul	98
10) 2-Chlorophenol	7.42	128	22672	10.62	ng/ul#	92
17) Hexachloroethane	8.94	117	1869	2.20	ng/ul	90
20) Nitrobenzene	9.06	77	1001545	203.77	ng/ul	98
23) 2-Nitrophenol	9.76	139	58594	24.58	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	104299	21.62	ng/ul	99
45) Dimethylphthalate	13.93	163	22042	1.84	ng/ul#	95
53) 4-Nitrophenol	14.67	109	7006	3.79	ng/ul	92
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	303115	65.90	ng/uL	99

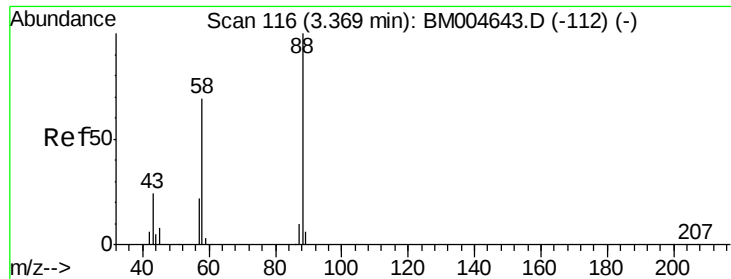
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 2.73 ng/uL

RT: 3.38 min Scan# 117

Delta R.T. 0.01 min

Lab File: BM004635.D

Acq: 16 Mar 2016 14:26

Instrument :

BNA_M

ClientSampleId :

C0AA2

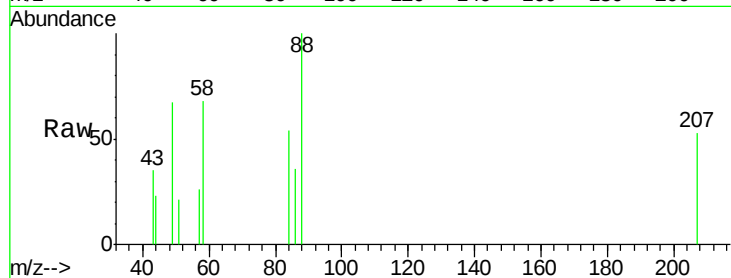
Tgt Ion: 88 Resp: 2824

Ion Ratio Lower Upper

88 100

43 21.4 21.0 31.6

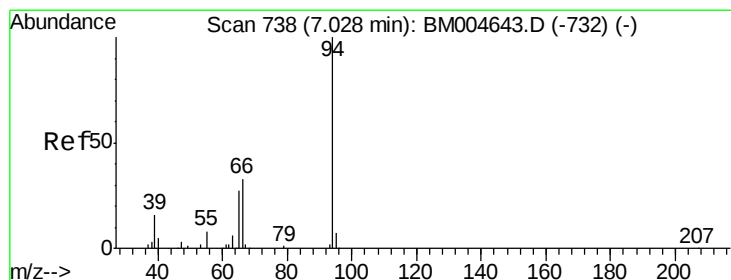
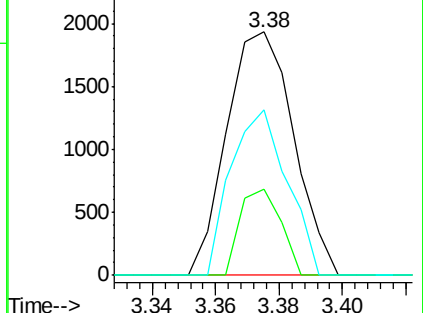
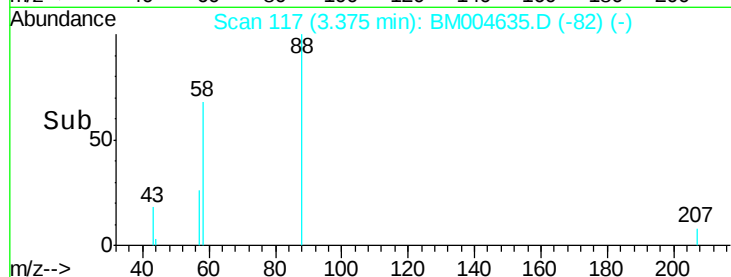
58 57.0 47.8 71.8



Abundance Ion 88.00 (87.70 to 88.70): BM004635.D (-112) (-)

Ion 43.00 (42.70 to 43.70): BM004635.D (-112) (-)

Ion 58.00 (57.70 to 58.70): BM004635.D (-112) (-)



#6

Phenol

Concen: 7.72 ng/uL

RT: 7.03 min Scan# 739

Delta R.T. 0.01 min

Lab File: BM004635.D

Acq: 16 Mar 2016 14:26

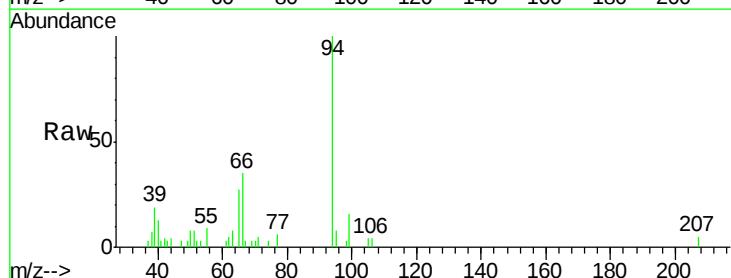
Tgt Ion: 94 Resp: 20409

Ion Ratio Lower Upper

94 100

65 26.9 21.0 31.6

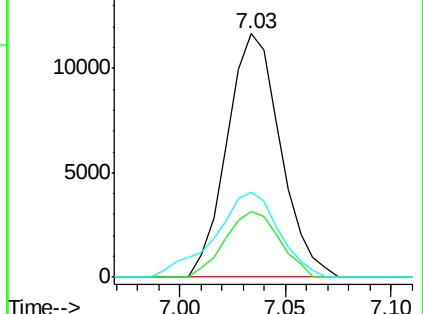
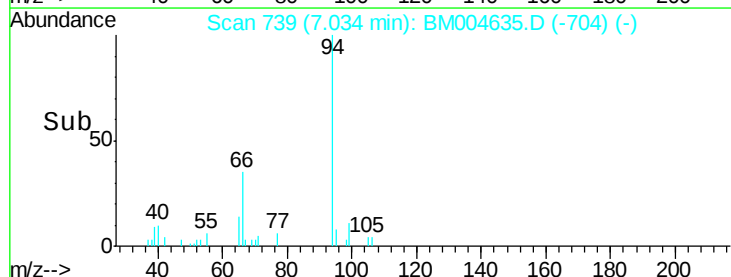
66 35.0 29.3 43.9

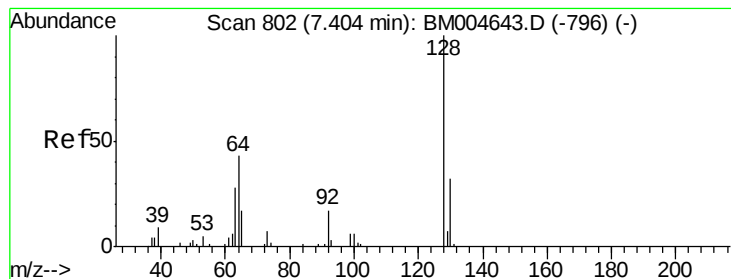


Abundance Ion 94.00 (93.70 to 94.70): BM004635.D (-732) (-)

Ion 65.00 (64.70 to 65.70): BM004635.D (-732) (-)

Ion 66.00 (65.70 to 66.70): BM004635.D (-732) (-)





#10

2-Chlorophenol

Concen: 10.62 ng/ul

RT: 7.42 min Scan# 805

Delta R.T. 0.02 min

Lab File: BM004635.D

Acq: 16 Mar 2016 14:26

Instrument :

BNA_M

ClientSampleId :

C0AA2

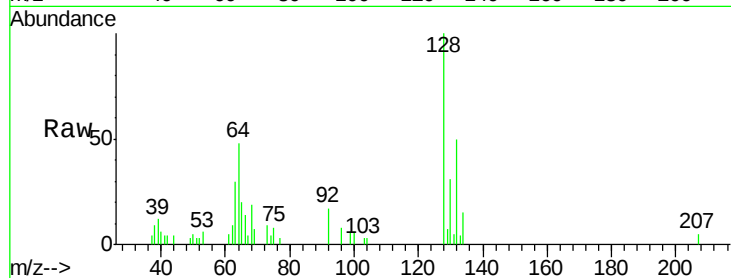
Tgt Ion:128 Resp: 22672

Ion Ratio Lower Upper

128 100

64 48.2 31.9 47.9#

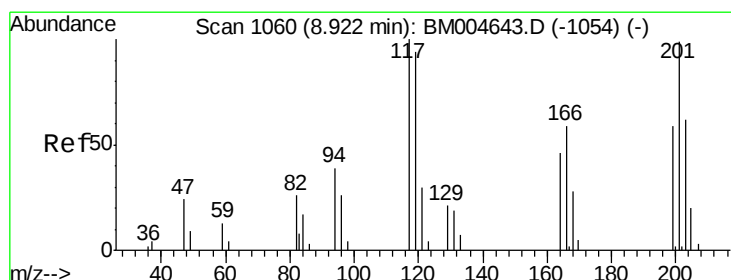
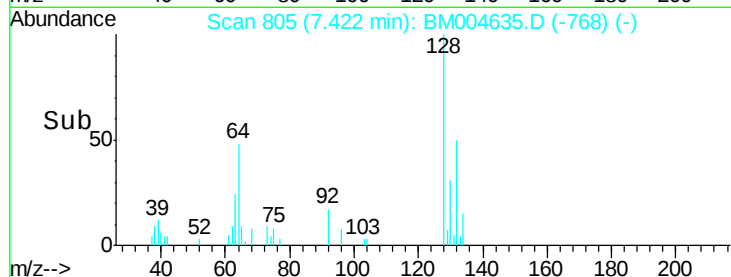
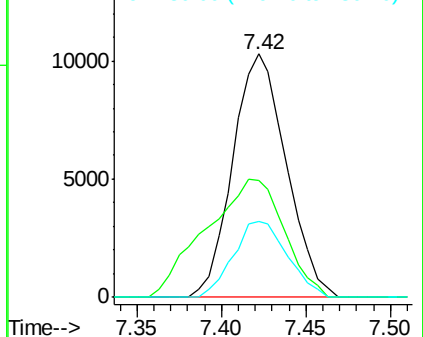
130 31.4 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM004643.D (-796) (-)

Ion 130.00 (129.70 to 130.70): E



#17

Hexachloroethane

Concen: 2.20 ng/ul

RT: 8.94 min Scan# 1063

Delta R.T. 0.02 min

Lab File: BM004635.D

Acq: 16 Mar 2016 14:26

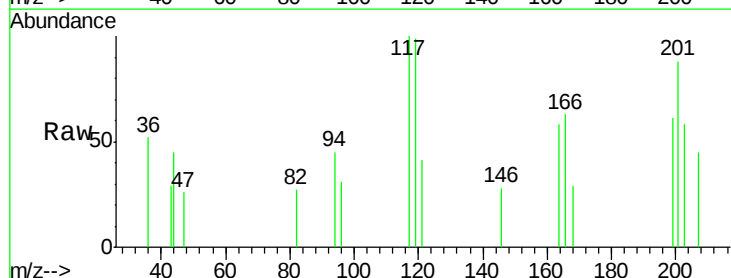
Tgt Ion:117 Resp: 1869

Ion Ratio Lower Upper

117 100

201 87.6 81.5 122.3

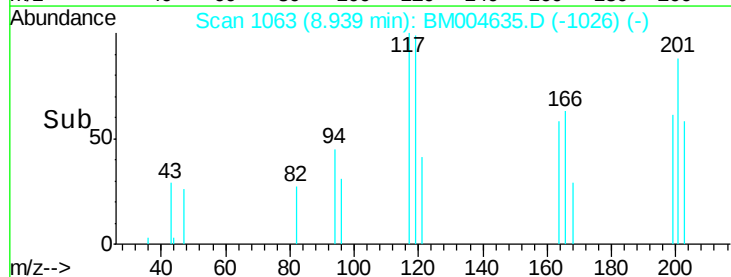
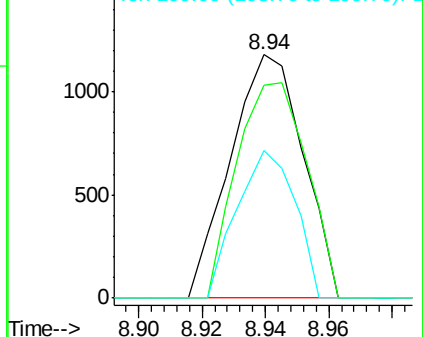
199 60.9 50.6 76.0

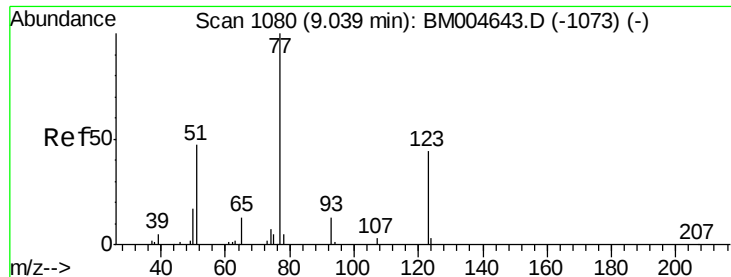


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

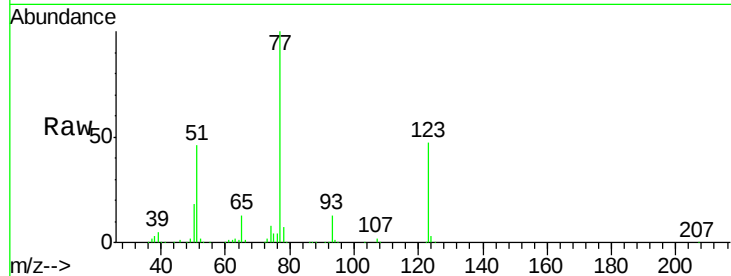




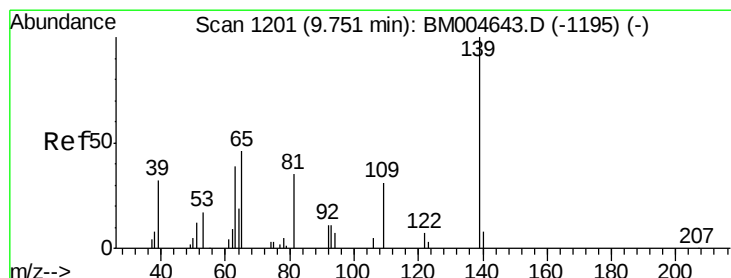
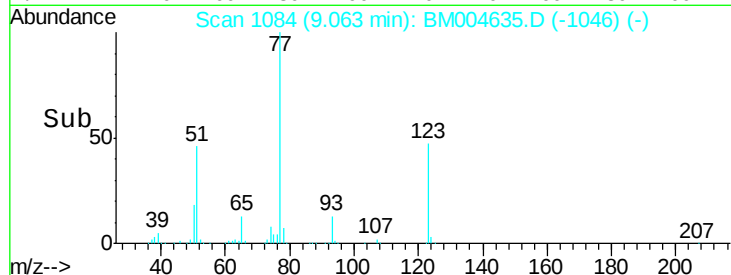
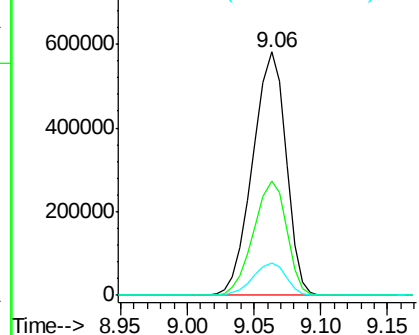
#20
Nitrobenzene
Concen: 203.77 ng/ul
RT: 9.06 min Scan# 1084
Delta R.T. 0.02 min
Lab File: BM004635.D
Acq: 16 Mar 2016 14:26

Instrument :
BNA_M
ClientSampleId :
C0AA2

Tgt Ion: 77 Resp: 1001545
Ion Ratio Lower Upper
77 100
123 46.9 39.0 58.4
65 13.3 10.4 15.6

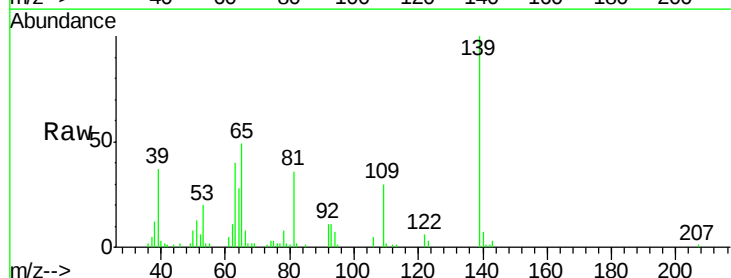


Abundance Ion 77.00 (76.70 to 77.70): BM004643.D (-1073) (-)
Ion 123.00 (122.70 to 123.70): BM004643.D (-1073) (-)
Ion 65.00 (64.70 to 65.70): BM004643.D (-1073) (-)

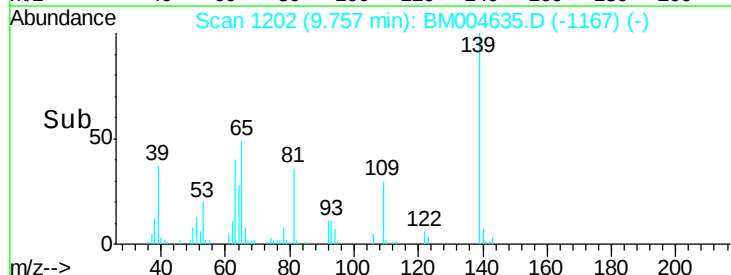
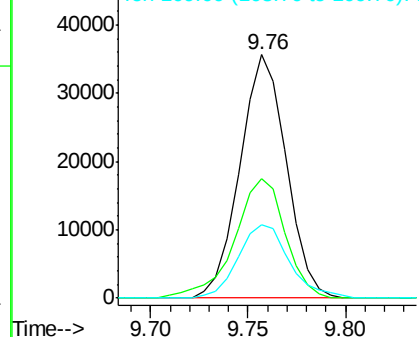


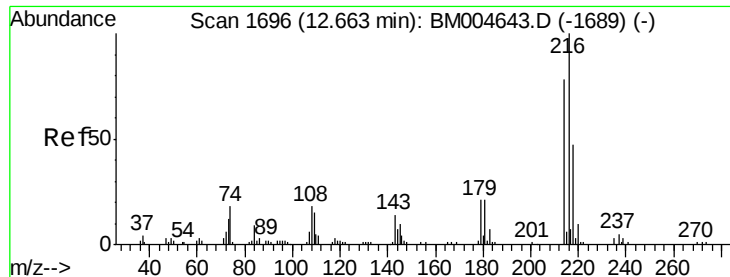
#23
2-Nitrophenol
Concen: 24.58 ng/ul
RT: 9.76 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BM004635.D
Acq: 16 Mar 2016 14:26

Tgt Ion: 139 Resp: 58594
Ion Ratio Lower Upper
139 100
65 49.2 36.3 54.5
109 30.1 26.4 39.6



Abundance Ion 139.00 (138.70 to 139.70): BM004643.D (-1195) (-)
Ion 65.00 (64.70 to 65.70): BM004643.D (-1195) (-)
Ion 109.00 (108.70 to 109.70): BM004643.D (-1195) (-)

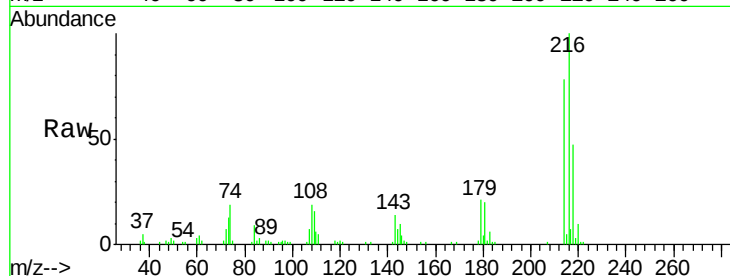




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.62 ng/ul
 RT: 12.66 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BM004635.D
 Acq: 16 Mar 2016 14:26

Instrument :
 BNA_M
 ClientSampleId :
 C0AA2

Tgt Ion:	216	Resp:	104299
Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.5	93.7
179	21.5	18.2	27.2
108	18.5	14.2	21.2

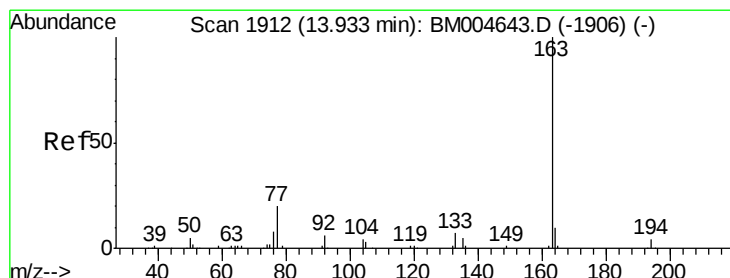
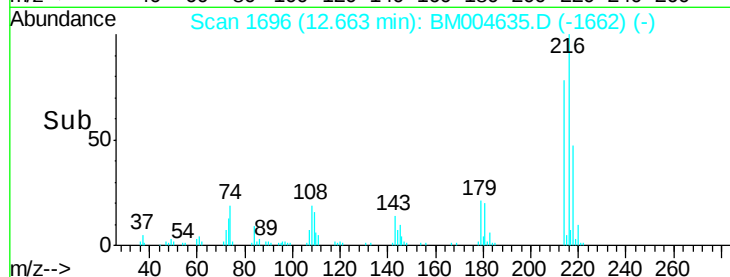
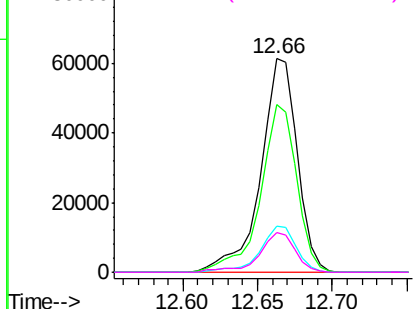


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

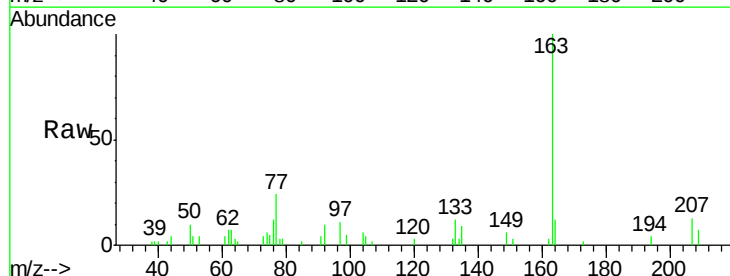
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#45
 Dimethylphthalate
 Concen: 1.84 ng/ul
 RT: 13.93 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: BM004635.D
 Acq: 16 Mar 2016 14:26

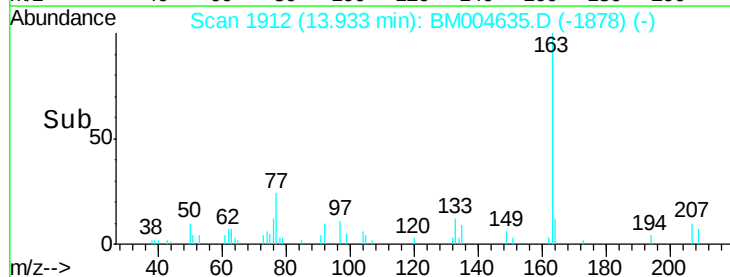
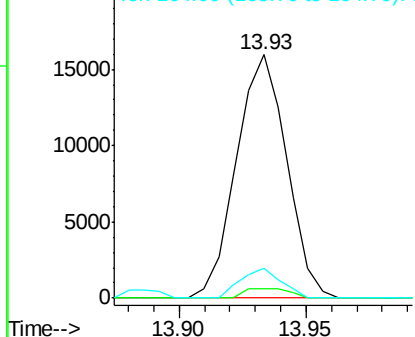
Tgt Ion:	163	Resp:	22042
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	12.4	7.8	11.8#

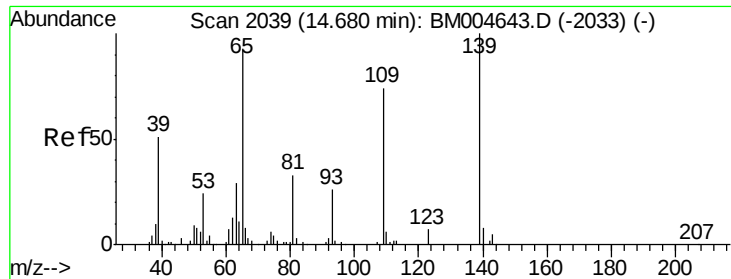


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#53

4-Nitrophenol

Concen: 3.79 ng/uL

RT: 14.67 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BM004635.D

Acq: 16 Mar 2016 14:26

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BNA_M

ClientSampleId :

C0AA2

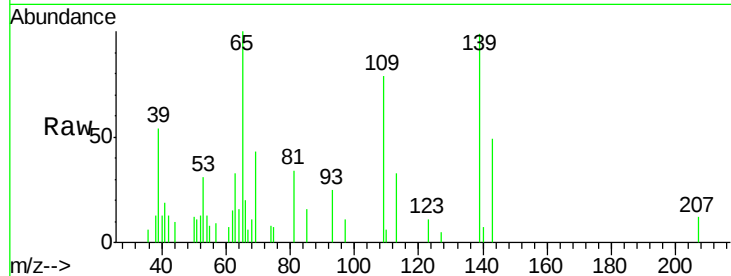
Tgt Ion:109 Resp: 7006

Ion Ratio Lower Upper

109 100

139 124.8 103.7 155.5

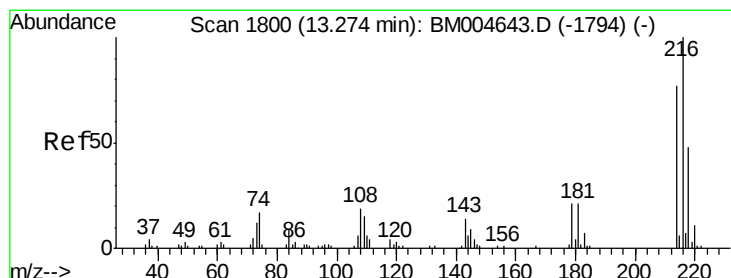
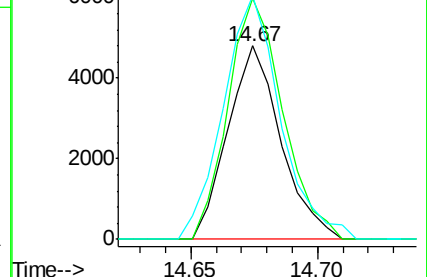
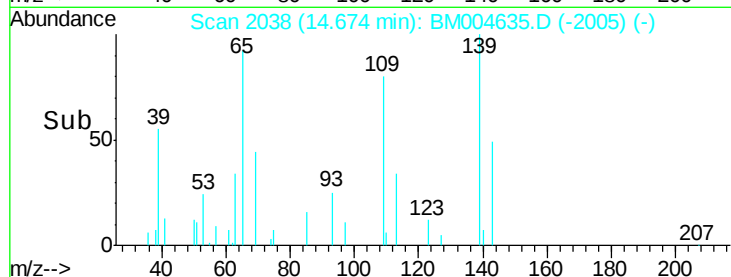
65 126.1 89.4 134.2



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: 65.90 ng/uL

RT: 13.27 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BM004635.D

Acq: 16 Mar 2016 14:26

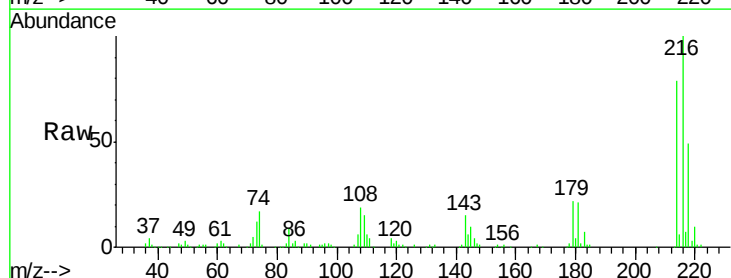
Tgt Ion:216 Resp: 303115

Ion Ratio Lower Upper

216 100

214 78.9 62.5 93.7

218 48.7 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

