

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032317\
 Data File : BM009375.D
 Acq On : 24 Mar 2017 12:08
 Operator : SJ/MA
 Sample : I2358-09
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BK2

Quant Time: Mar 24 14:26:20 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 24 04:55:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	133012	20.00	ng/ul	0.06
18) Naphthalene-d8	10.67	136	569601	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.50	164	314767	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	702575	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	906656	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	867289	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	380	0.11	ng/uL	0.04
5) Phenol-d5	7.02	99	85570	7.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	272124	31.73	ng/ul	0.02
9) 2-Chlorophenol-d4	7.40	132	219634	27.12	ng/ul	0.01
13) 4-Methylphenol-d8	8.56	113	167830	18.69	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	137692	32.88	ng/ul	0.01
22) 2-Nitrophenol-d4	9.75	143	152609	33.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	271885	30.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	13009	1.26	ng/ul	0.01
43) Dimethylphthalate-d6	13.90	166	869276	39.27	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1071372	38.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	30141	7.39	ng/ul	0.00
57) Fluorene-d10	15.49	176	761922	37.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	132989	29.95	ng/ul	0.00
70) Anthracene-d10	17.34	188	1186215	35.40	ng/ul	0.00
78) Pyrene-d10	19.64	212	1354103	35.23	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.60	264	1408734	35.27	ng/ul	0.00

Target Compounds

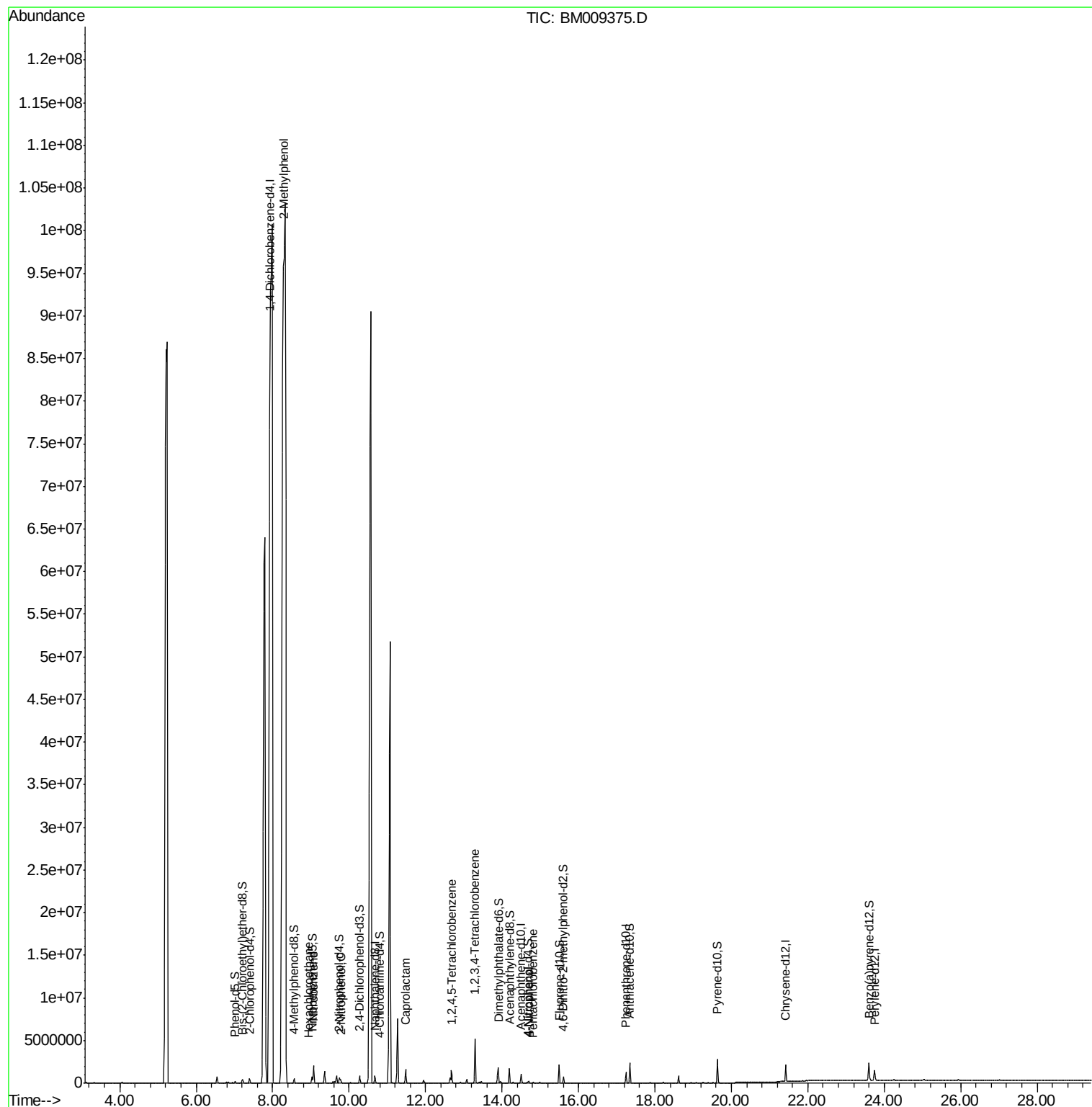
						Qvalue
11) 2-Methylphenol	8.28	108	703767	79.05	ng/ul	90
17) Hexachloroethane	8.95	117	5754	1.38	ng/ul#	80
20) Nitrobenzene	9.07	77	1084768	76.85	ng/ul#	83
23) 2-Nitrophenol	9.77	139	88088	18.34	ng/ul#	63
32) Caprolactam	11.48	113	102215	37.03	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	436109	41.24	ng/ul	98
52) 4-Nitrophenol	14.70	109	14191	2.97	ng/ul#	70
72) 1,2,3,4-Tetrachlorobenzene	13.30	216	1456848	141.04	ng/uL	99
73) Pentachlorobenzene	14.81	250	20088	1.97	ng/ul	93

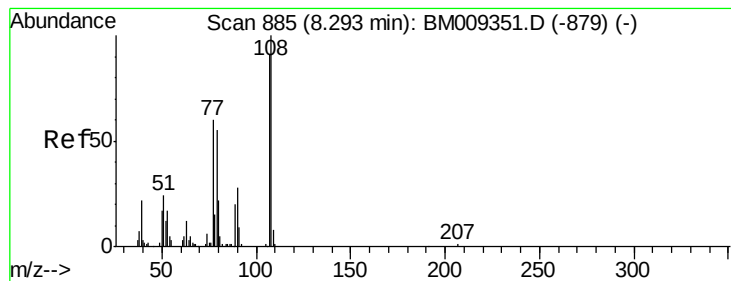
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 79.05 ng/ul

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BM009375.D

Acq: 24 Mar 2017 12:08

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ClientSampleId :

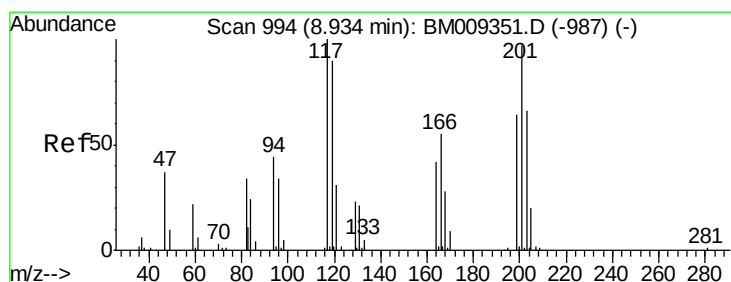
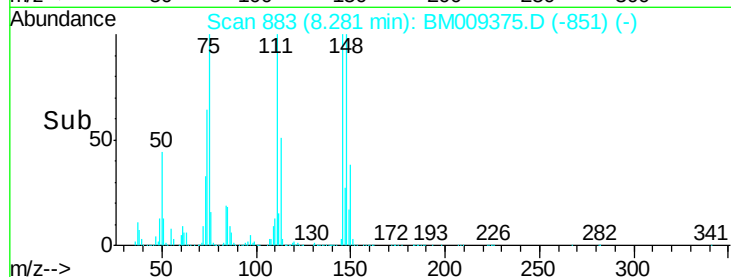
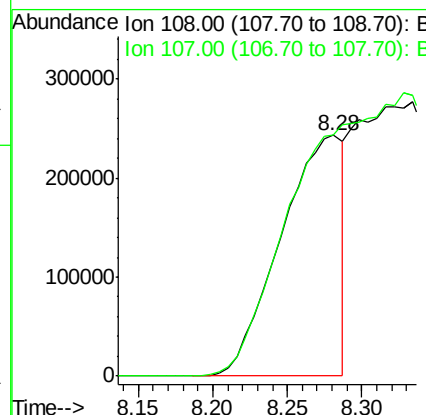
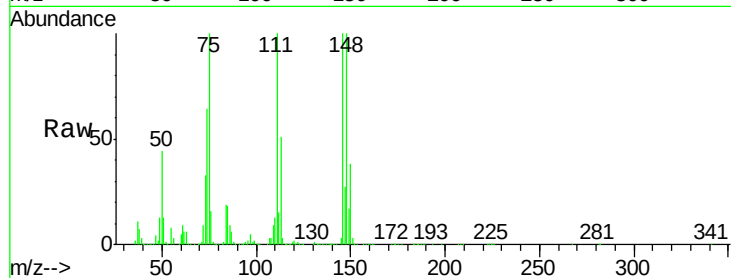
C0BK2

Tgt Ion:108 Resp: 703767

Ion Ratio Lower Upper

108 100

107 100.4 72.4 108.6



#17

Hexachloroethane

Concen: 1.38 ng/ul

RT: 8.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BM009375.D

Acq: 24 Mar 2017 12:08

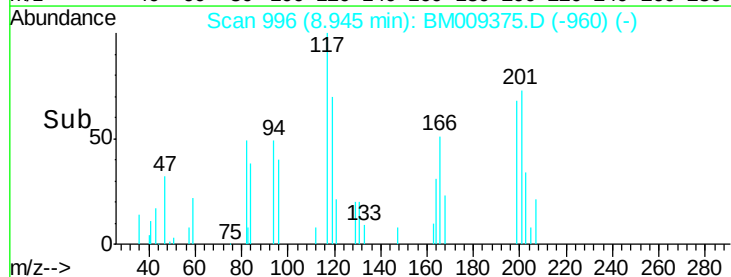
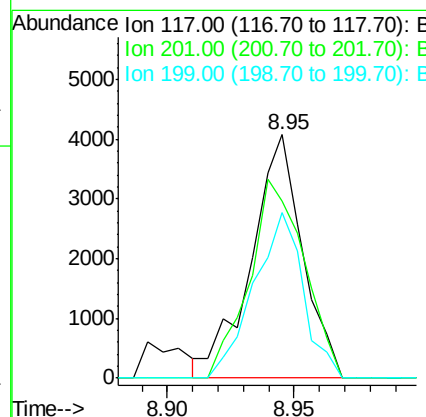
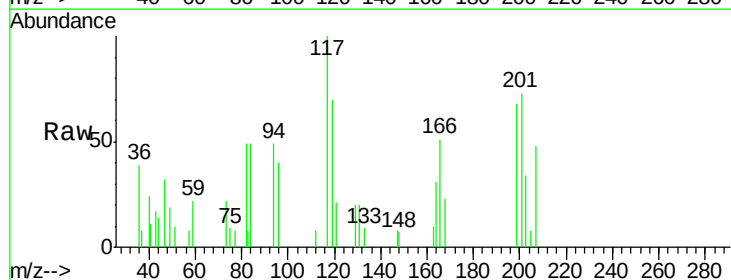
Tgt Ion:117 Resp: 5754

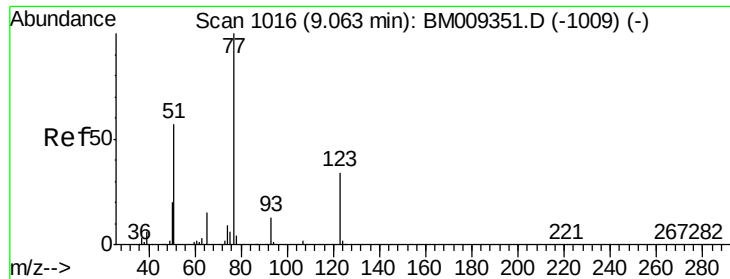
Ion Ratio Lower Upper

117 100

201 72.7 81.5 122.3#

199 67.8 50.6 76.0

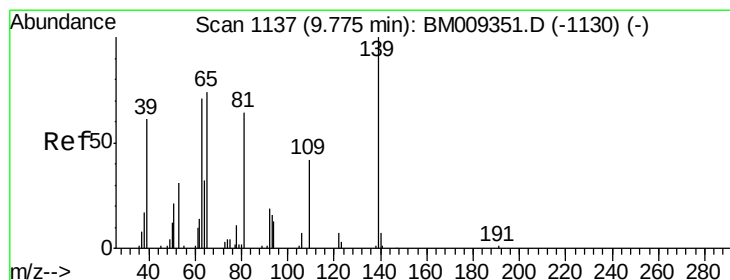
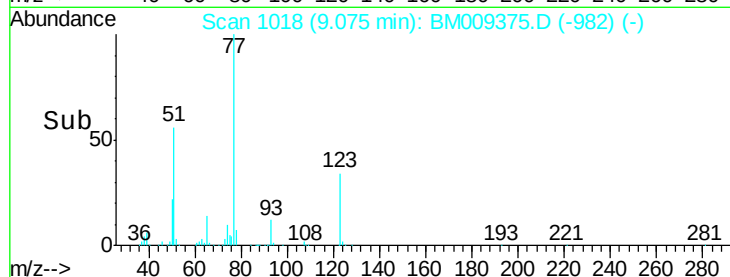
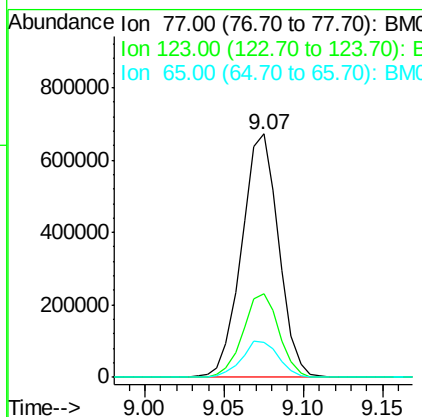
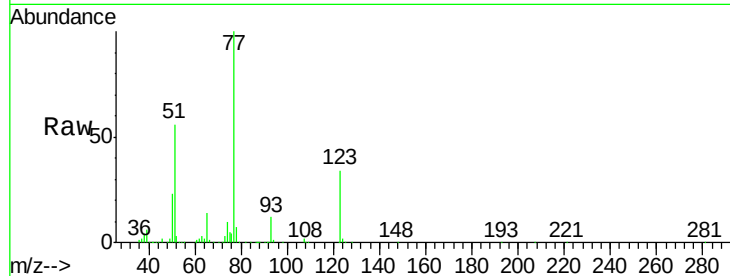




#20
Nitrobenzene
Concen: 76.85 ng/ul
RT: 9.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BM009375.D
Acq: 24 Mar 2017 12:08

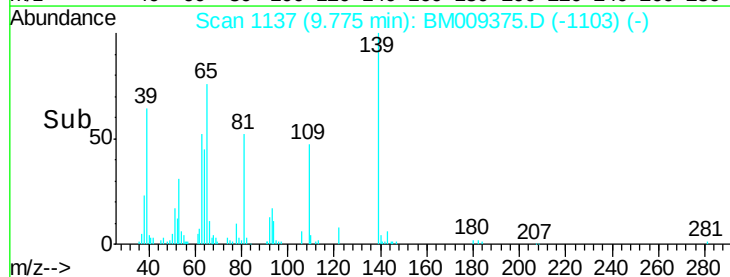
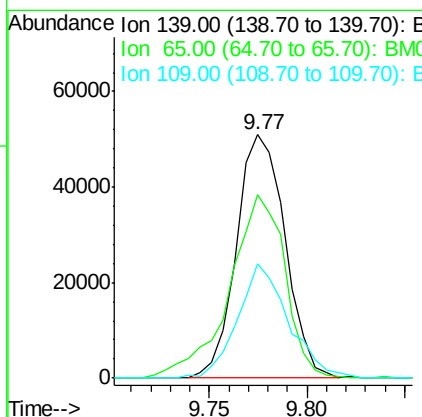
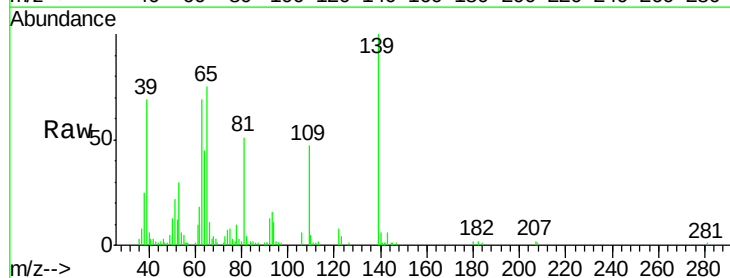
Instrument :
BNA_M
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C0BK2

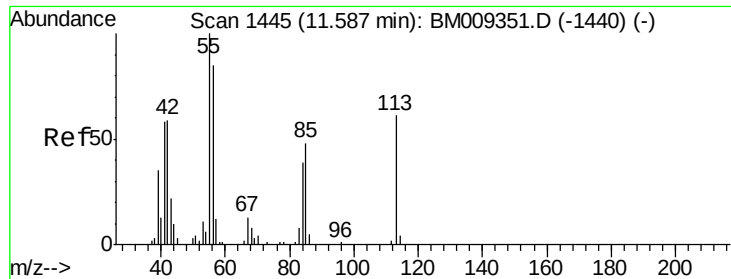
Tgt Ion: 77 Resp: 1084768
Ion Ratio Lower Upper
77 100
123 34.2 39.0 58.4#
65 14.1 10.4 15.6



#23
2-Nitrophenol
Concen: 18.34 ng/ul
RT: 9.77 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BM009375.D
Acq: 24 Mar 2017 12:08

Tgt Ion: 139 Resp: 88088
Ion Ratio Lower Upper
139 100
65 75.4 36.3 54.5#
109 46.8 26.4 39.6#





#32

Caprolactam

Concen: 37.03 ng/ul

RT: 11.48 min Scan# 1427

Delta R.T. -0.11 min

Lab File: BM009375.D

Acq: 24 Mar 2017 12:08

Instrument :

BNA_M

ClientSampleId :

C0BK2

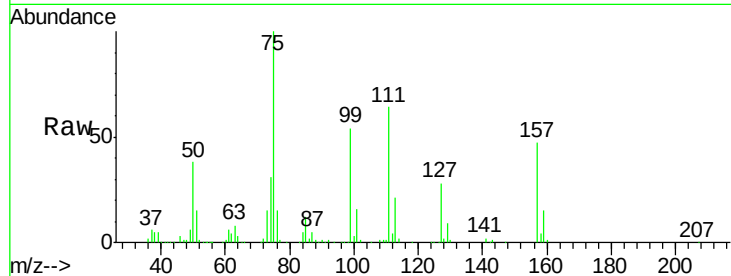
Tgt Ion:113 Resp: 102215

Ion Ratio Lower Upper

113 100

55 1.3 101.9 152.9#

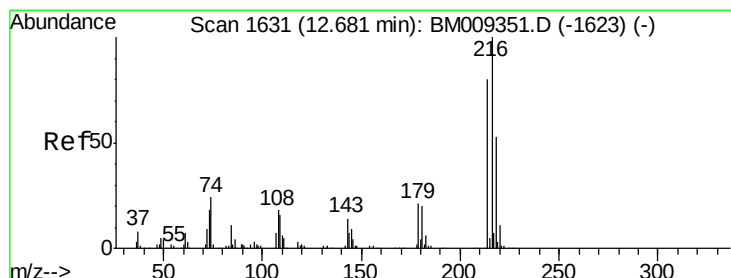
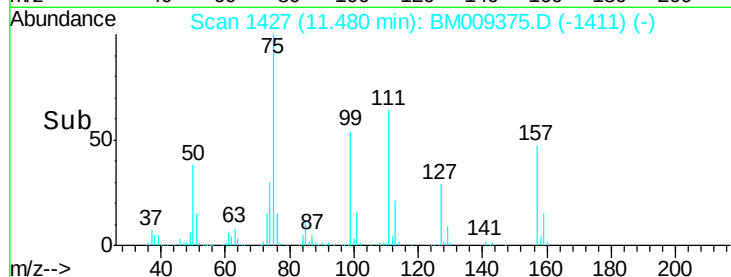
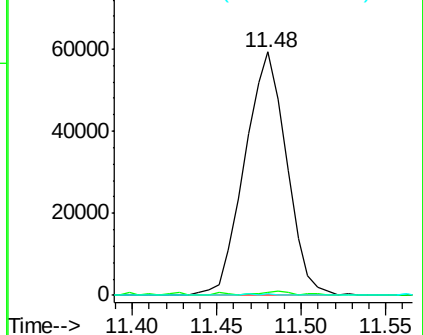
56 0.6 81.2 121.8#



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



#36

1,2,4,5-Tetrachlorobenzene

Concen: 41.24 ng/ul

RT: 12.68 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BM009375.D

Acq: 24 Mar 2017 12:08

Tgt Ion:216 Resp: 436109

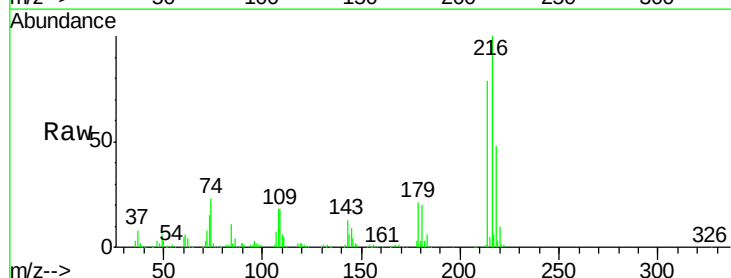
Ion Ratio Lower Upper

216 100

214 79.3 62.5 93.7

179 20.9 18.2 27.2

108 18.4 14.2 21.2

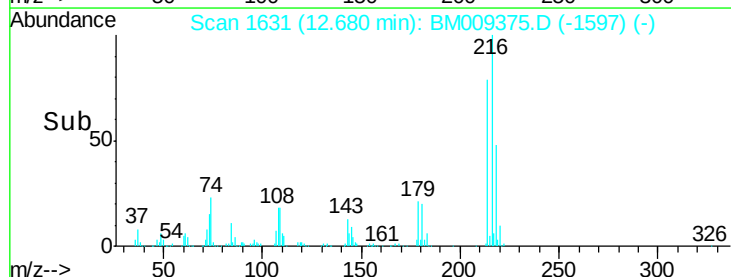
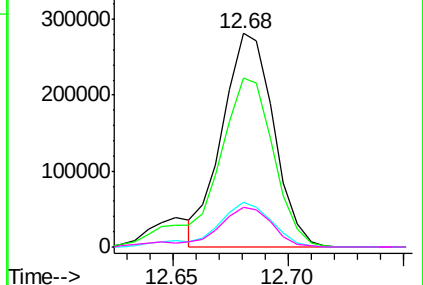


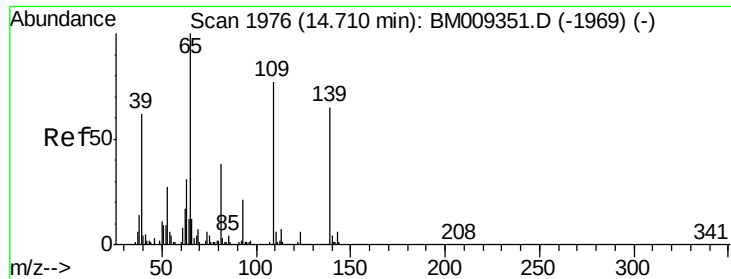
Abundance Ion 216.00 (215.70 to 216.70): E

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

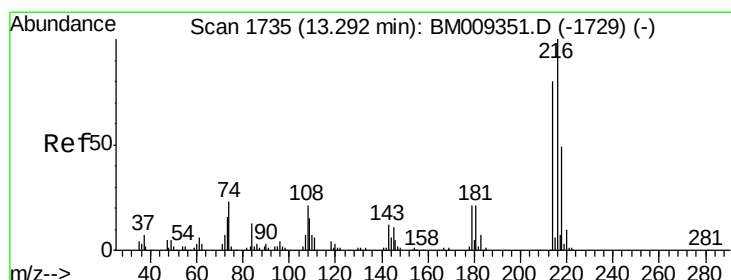
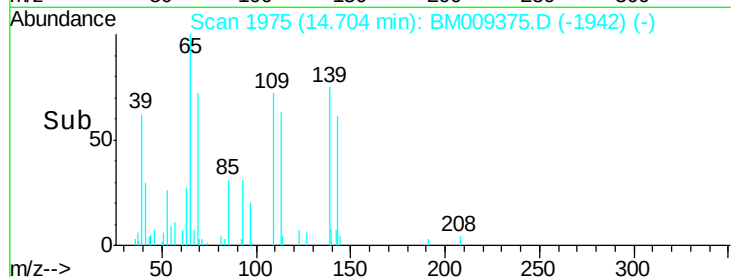
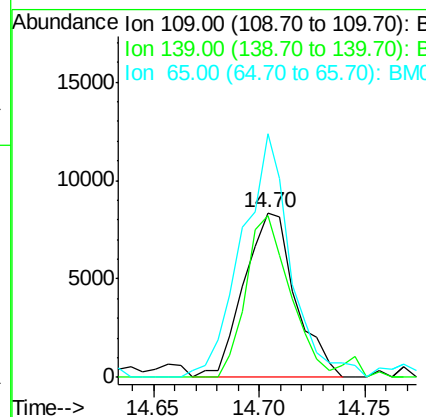
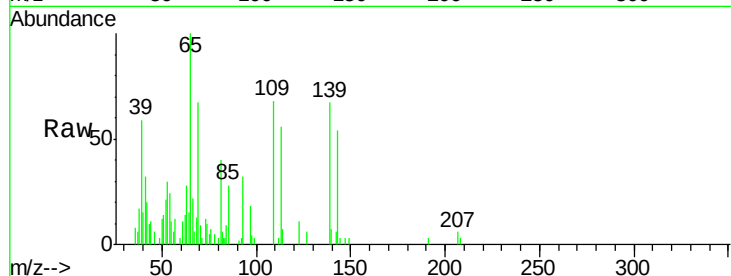




#52
4-Nitrophenol
Concen: 2.97 ng/uL
RT: 14.70 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM009375.D
Acq: 24 Mar 2017 12:08

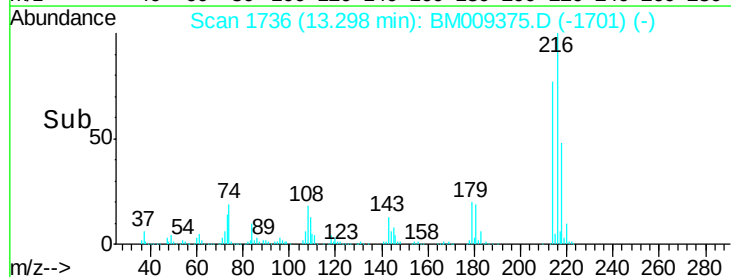
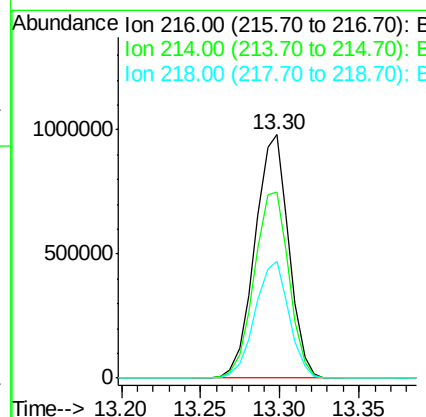
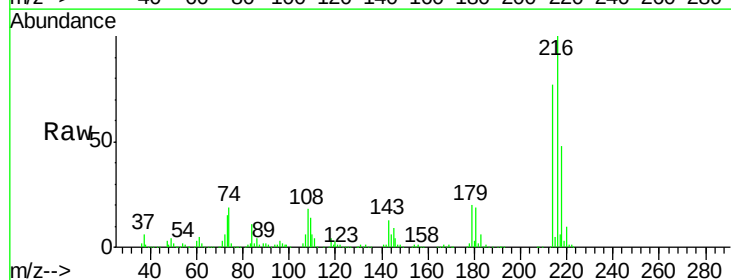
Instrument :
BNA_M
ClientSampleId :
C0BK2

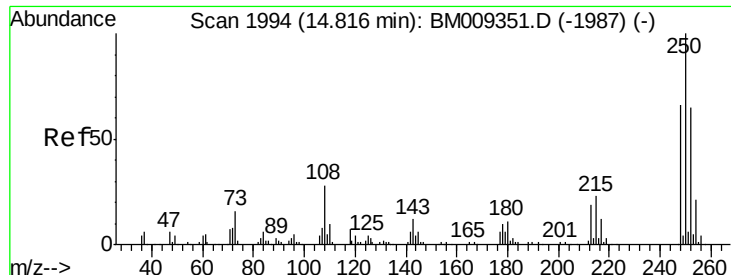
Tgt Ion	Ratio	Lower	Upper
109	100		
139	98.6	103.7	155.5#
65	148.0	89.4	134.2#



#72
1,2,3,4-Tetrachlorobenzene
Concen: 141.04 ng/uL
RT: 13.30 min Scan# 1736
Delta R.T. 0.01 min
Lab File: BM009375.D
Acq: 24 Mar 2017 12:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.5	62.5	93.7
218	47.9	38.4	57.6





#73

Pentachlorobenzene

Concen: 1.97 ng/uL

RT: 14.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM009375.D

Acq: 24 Mar 2017 12:08

Instrument :

BNA_M

ClientSampleId :

C0BK2

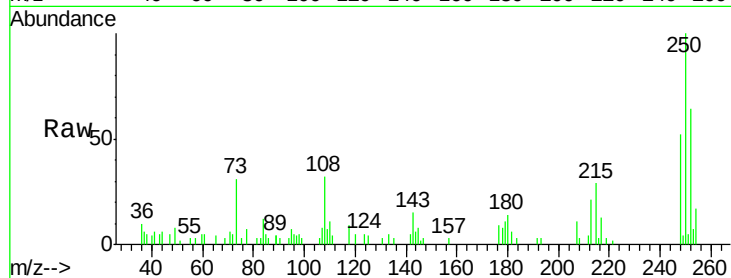
Tgt Ion:250 Resp: 20088

Ion Ratio Lower Upper

250 100

248 52.4 50.6 75.8

252 63.8 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

