

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022334.D
 Acq On : 26 Aug 2019 17:08
 Operator : HP/JU
 Sample : K4369-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CD3

Quant Time: Aug 27 11:57:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 11:54:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	23180	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	103799	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.20	164	73408	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	174001	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	164664	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	159360	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3277	6.33	ng/uL	0.00
5) Phenol-d5	6.75	99	14723	7.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	38477	33.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	45110	27.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	30537	17.61	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	29578	38.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	34639	38.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	63733	34.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	5734	2.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	251851	38.96	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	262919	37.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	4072	4.25	ng/ul	0.04
57) Fluorene-d10	15.21	176	211080	39.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	38822	28.91	ng/ul	0.00
70) Anthracene-d10	16.97	188	174001	18.88	ng/ul	-0.11
78) Pyrene-d10	19.37	212	470143	54.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	356314	40.70	ng/ul	0.00

Target Compounds

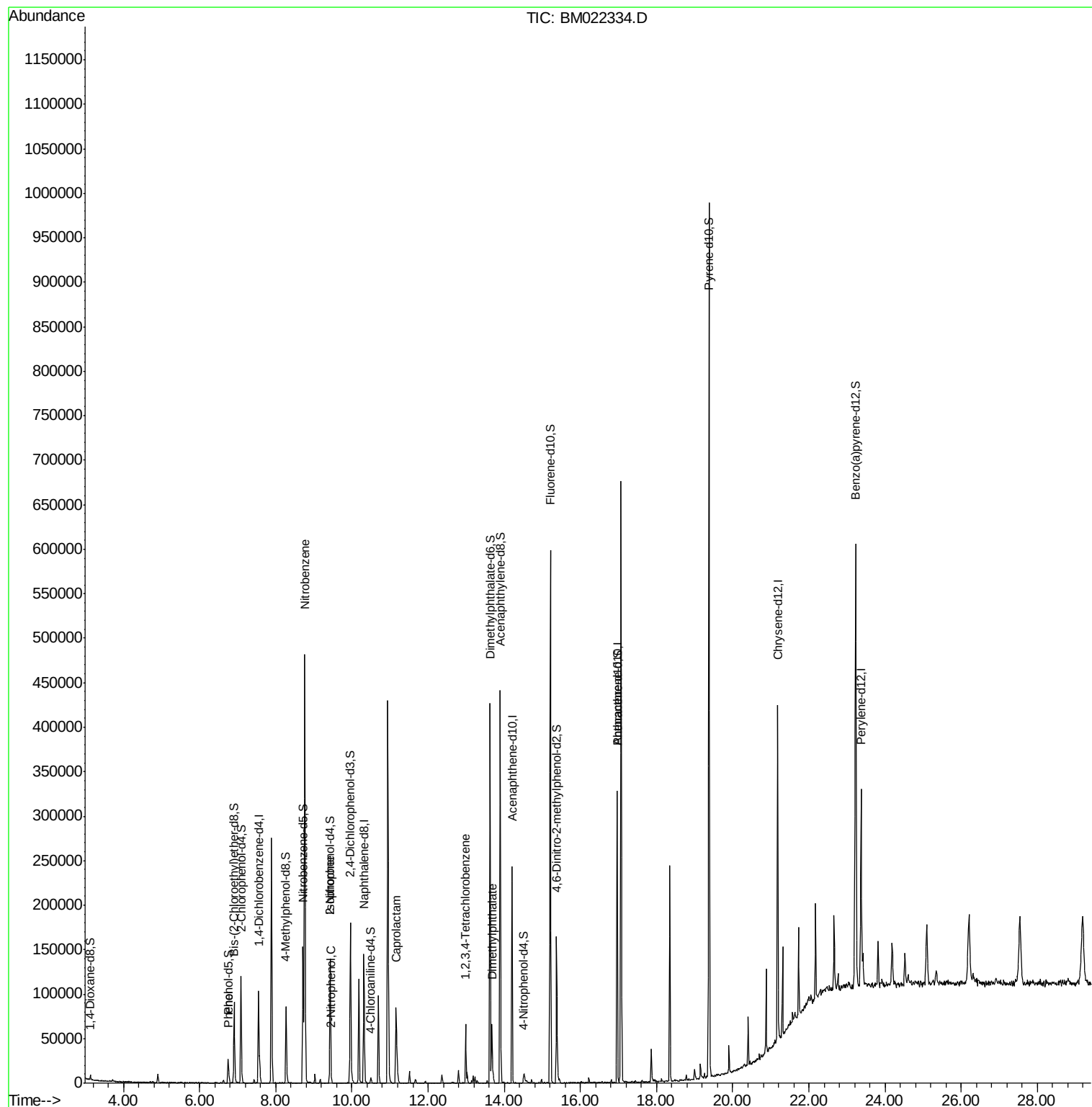
					Ovalue
6) Phenol	6.77	94	2549	1.190	ng/ul 94
20) Nitrobenzene	8.76	77	237185	104.067	ng/ul 99
21) Isophorone	9.42	82	4878	1.174	ng/ul# 66
23) 2-Nitrophenol	9.46	139	1195	1.208	ng/ul# 89
32) Caprolactam	11.16	113	6971	12.090	ng/ul# 1
44) Dimethylphthalate	13.67	163	40572	6.168	ng/ul 99
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	20156	6.512	ng/uL 96

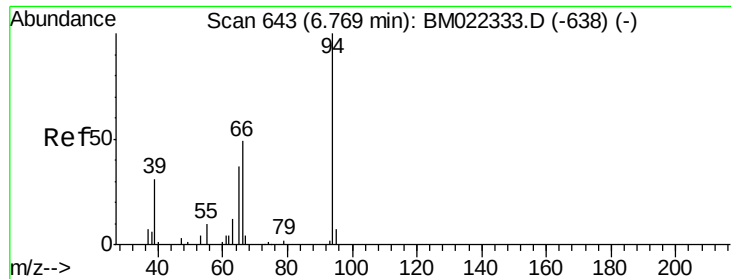
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.190 ng/ul

RT: 6.77 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM022334.D

Acq: 26 Aug 2019 17:08

Instrument :

BNA_M

ClientSampled :

C0CD3

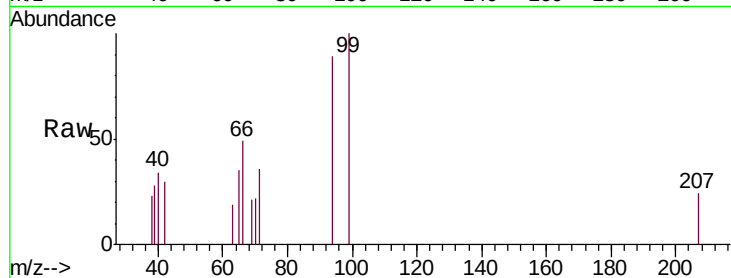
Tot Ion: 94 Resp: 2549

Ion Ratio Lower Upper

94 100

65 39.4 29.2 43.8

66 55.4 40.6 60.8

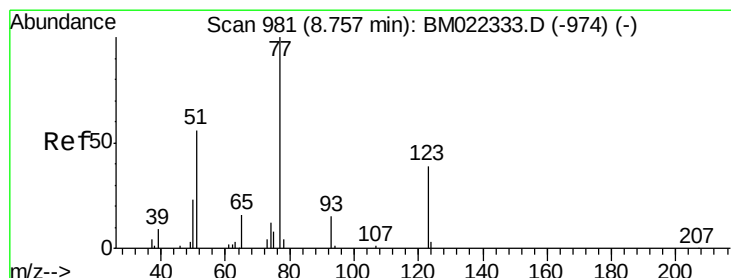
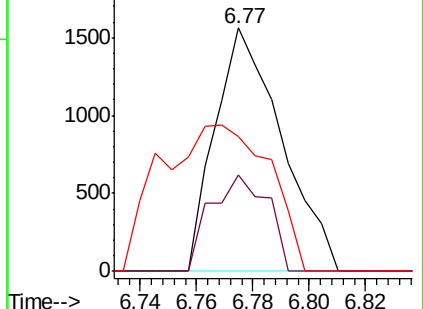
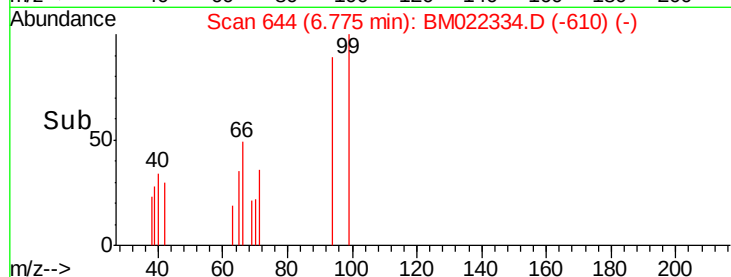


Abundance Ion 94.00 (93.70 to 94.70): BM022333.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM022333.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM022333.D (-638) (-)

Time-->



#20

Nitrobenzene

Concen: 104.067 ng/ul

RT: 8.76 min Scan# 982

Delta R.T. 0.00 min

Lab File: BM022334.D

Acq: 26 Aug 2019 17:08

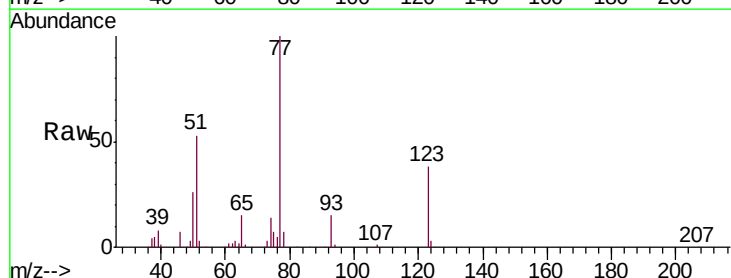
Tgt Ion: 77 Resp: 237185

Ion Ratio Lower Upper

77 100

123 38.2 31.0 46.4

65 14.8 12.2 18.2

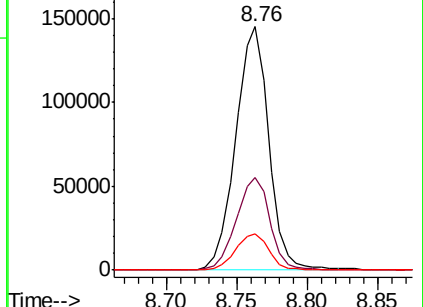
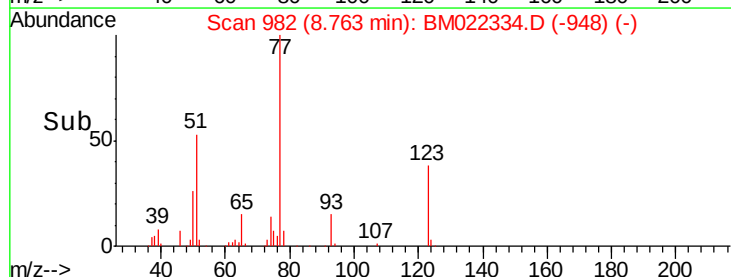


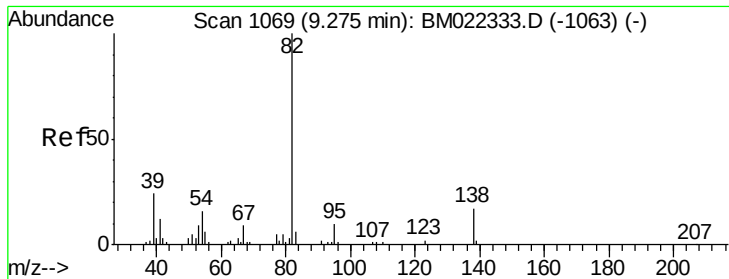
Abundance Ion 77.00 (76.70 to 77.70): BM022333.D (-974) (-)

Ion 123.00 (122.70 to 123.70): BM022333.D (-974) (-)

Ion 65.00 (64.70 to 65.70): BM022333.D (-974) (-)

Time-->





#21

Isophorone

Concen: 1.174 ng/ul

RT: 9.42 min Scan# 1094

Delta R.T. 0.14 min

Lab File: BM022334.D

Acq: 26 Aug 2019 17:08

Instrument :

BNA_M

ClientSampleId :

C0CD3

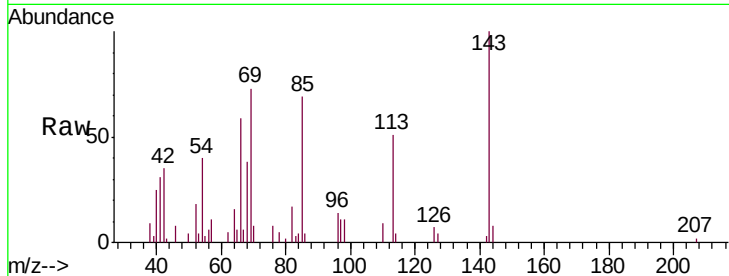
Tot Ion: 82 Resp: 4878

Ion Ratio Lower Upper

82 100

95 0.0 7.2 10.8#

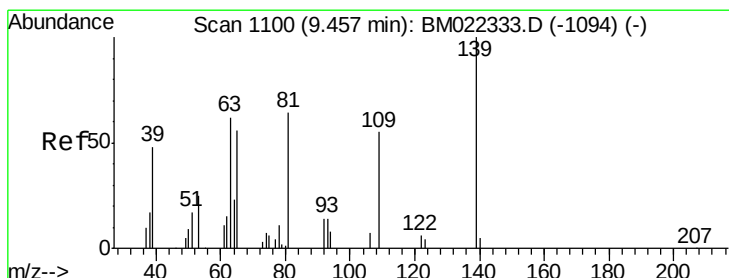
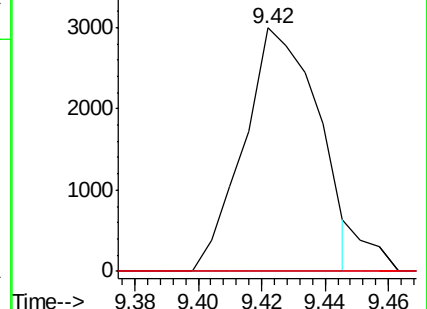
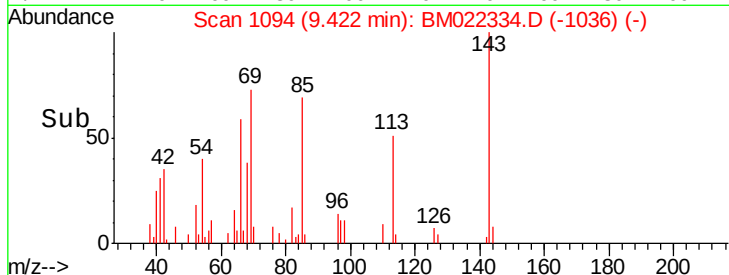
138 0.0 13.8 20.6#



Abundance Ion 82.00 (81.70 to 82.70): BM022333.D (-1063) (-)

Ion 95.00 (94.70 to 95.70): BM022333.D (-1063) (-)

Ion 138.00 (137.70 to 138.70): BM022333.D (-1063) (-)



#23

2-Nitrophenol

Concen: 1.208 ng/ul

RT: 9.46 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BM022334.D

Acq: 26 Aug 2019 17:08

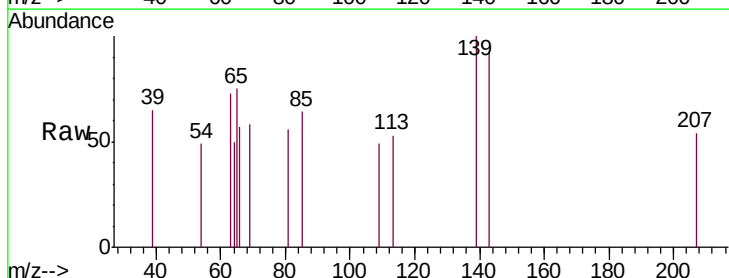
Tgt Ion: 139 Resp: 1195

Ion Ratio Lower Upper

139 100

65 75.2 48.9 73.3#

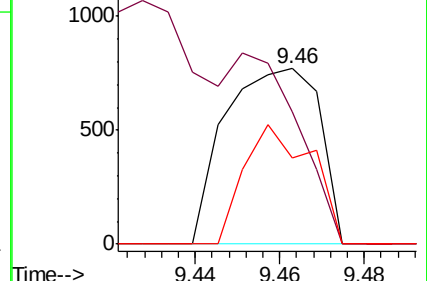
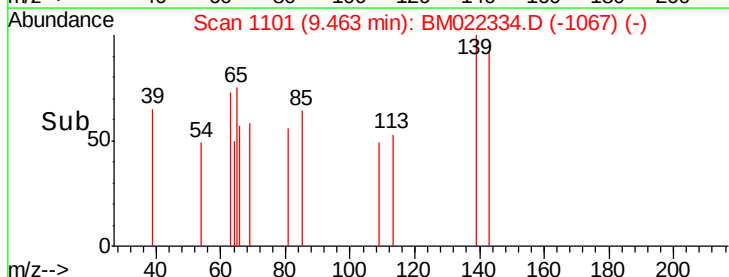
109 49.0 39.7 59.5

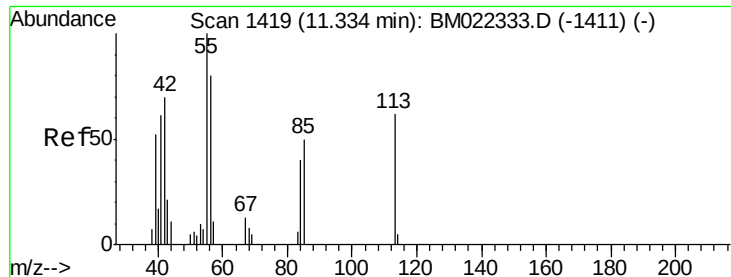


Abundance Ion 139.00 (138.70 to 139.70): BM022333.D (-1094) (-)

Ion 65.00 (64.70 to 65.70): BM022333.D (-1094) (-)

Ion 109.00 (108.70 to 109.70): BM022333.D (-1094) (-)





#32

Caprolactam

Concen: 12.090 ng/ul

RT: 11.16 min Scan# 1390

Delta R.T. -0.18 min

Lab File: BM022334.D

Acq: 26 Aug 2019 17:08

Instrument :

BNA_M

ClientSampleId :

C0CD3

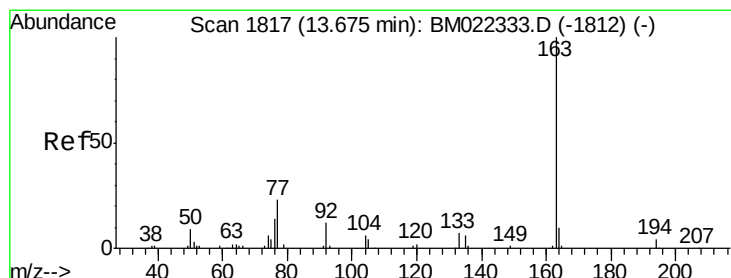
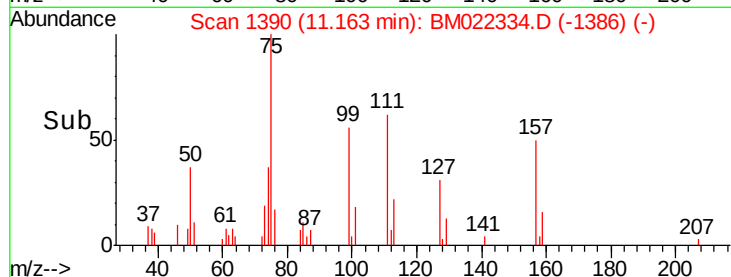
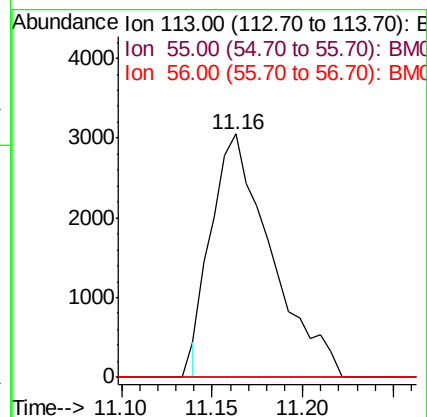
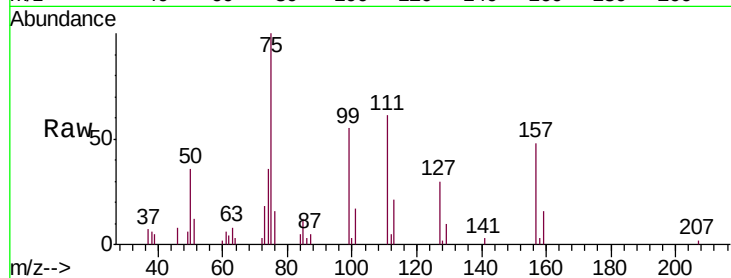
Tot Ion:113 Resp: 6971

Ion Ratio Lower Upper

113 100

55 0.0 111.6 167.4#

56 0.0 104.6 157.0#



#44

Dimethylphthalate

Concen: 6.168 ng/ul

RT: 13.67 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BM022334.D

Acq: 26 Aug 2019 17:08

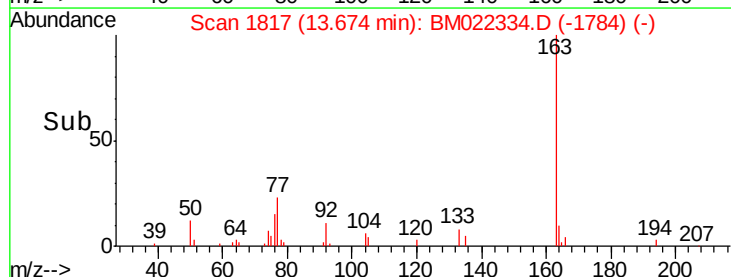
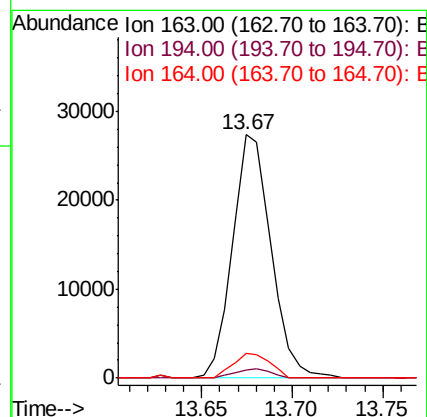
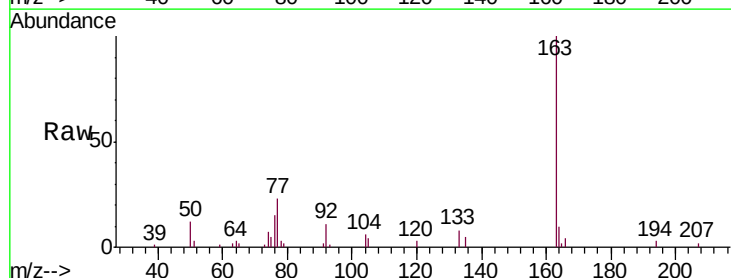
Tgt Ion:163 Resp: 40572

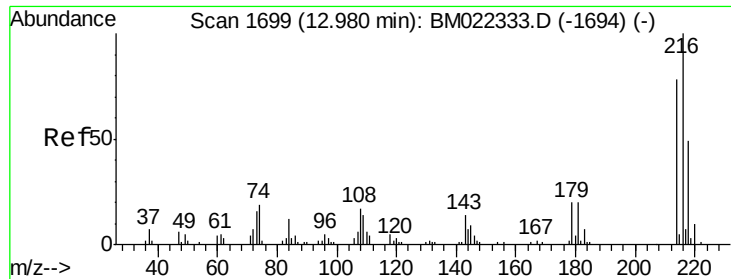
Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.6

164 10.0 7.8 11.8

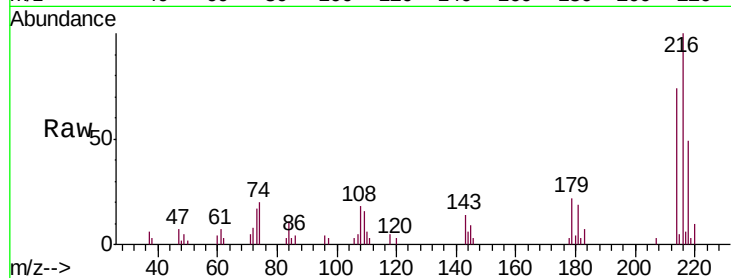




#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 6.512 ng/uL
 RT: 12.99 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BM022334.D
 Acq: 26 Aug 2019 17:08

Instrument :
 BNA_M
 ClientSampleId :
 C0CD3

Tot Ion:	216	Resp:	20156
Ion Ratio		Lower	Upper
216	100		
214	73.6	61.5	92.3
218	49.2	37.1	55.7



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

