

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
 Data File : BM023508.D
 Acq On : 31 Oct 2019 07:26
 Operator : JU
 Sample : K5487-17
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 31 10:29:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 31 06:46:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	455045	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1876321	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	1182243	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	2487251	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	2435677	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	2819363	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	63478	6.63	ng/uL	0.00
5) Phenol-d5	6.80	99	320882	8.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	427123	19.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	507339	16.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	395900	12.75	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	287044	20.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	320179	20.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	583527	18.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	350586	9.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	2008519	22.37	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	2208931	21.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	125456	8.07	ng/ul	0.00
58) Fluorene-d10	15.26	176	1699493	22.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	245081	15.83	ng/ul	0.00
71) Anthracene-d10	17.11	188	2823409	24.02	ng/ul	0.00
79) Pyrene-d10	19.41	212	3155993	23.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	3650379	25.42	ng/ul	0.00

Target Compounds

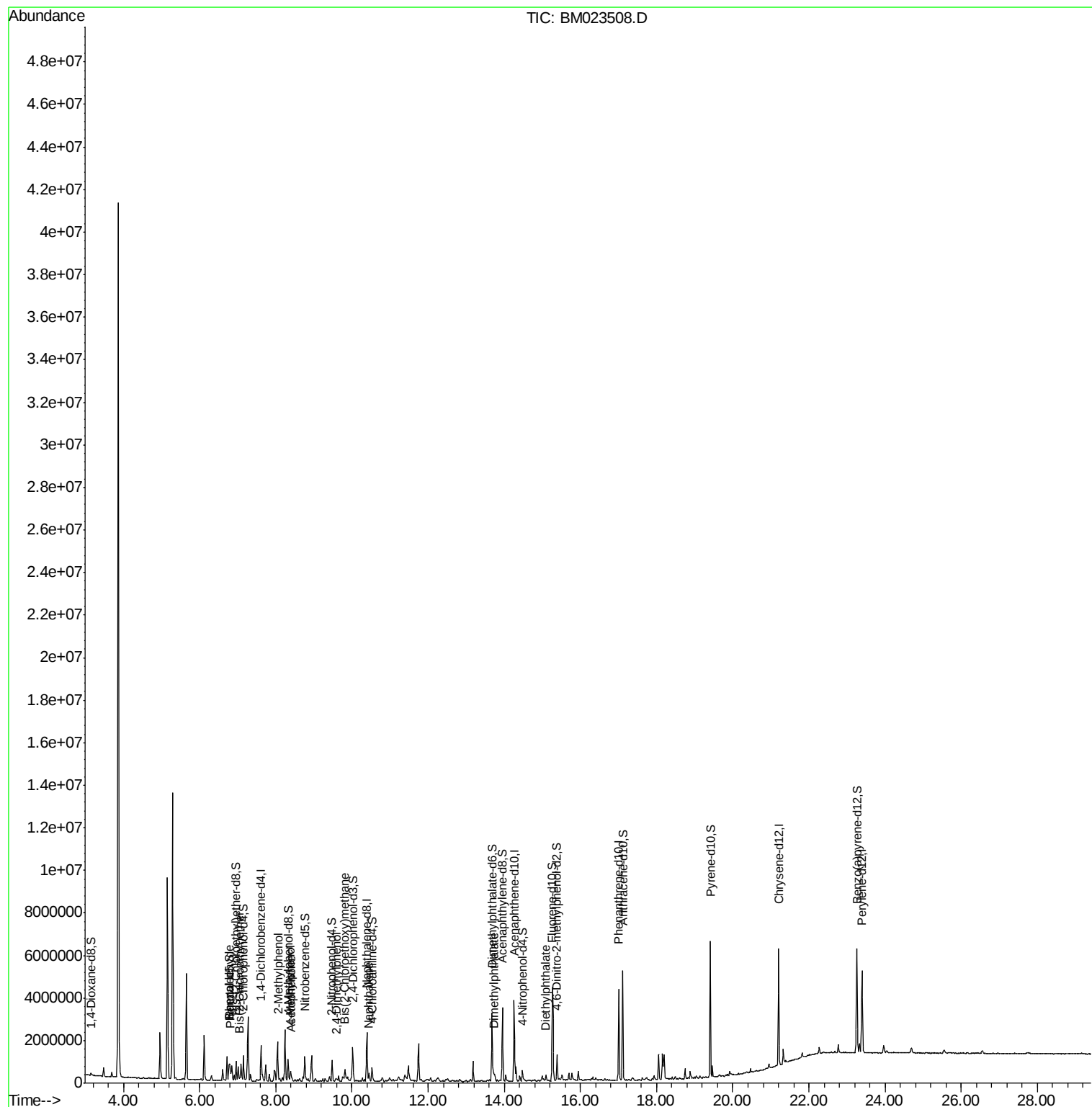
					Ovalue	
4) Benzaldehyde	6.77	77	66152	3.006	ng/ul#	1
6) Phenol	6.82	94	167507	4.256	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.05	93	40951	1.334	ng/ul	99
11) 2-Methylphenol	8.06	108	64172	2.133	ng/ul	89
14) Acetophenone	8.42	105	64511	1.330	ng/ul#	55
16) 4-Methylphenol	8.39	108	198680	6.023	ng/ul	97
24) 2,4-Dimethylphenol	9.59	107	52176	1.476	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.82	93	111388	2.613	ng/ul#	21
28) Naphthalene	10.44	128	293184	3.049	ng/ul	99
45) Dimethylphthalate	13.73	163	199887	2.217	ng/ul	99
57) Diethylphthalate	15.10	149	154389	1.698	ng/ul	99

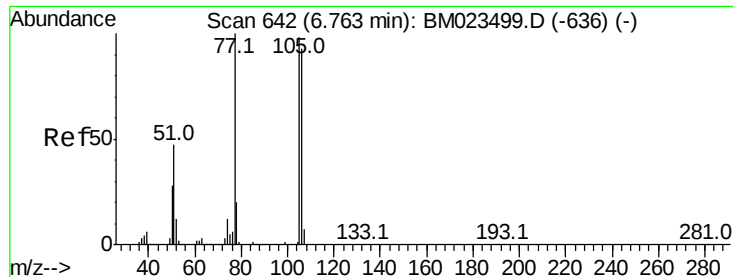
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 3.006 ng/ul

RT: 6.77 min Scan# 643

Delta R.T. 0.01 min

Lab File: BM023508.D

Acq: 31 Oct 2019 07:26

Instrument :

BNA_M

ClientSampleId :

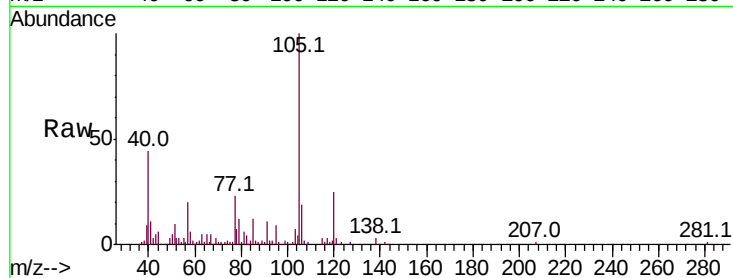
Tot Ion: 77 Resp: 66152

Ion Ratio Lower Upper

77 100

105 426.8 75.4 113.2#

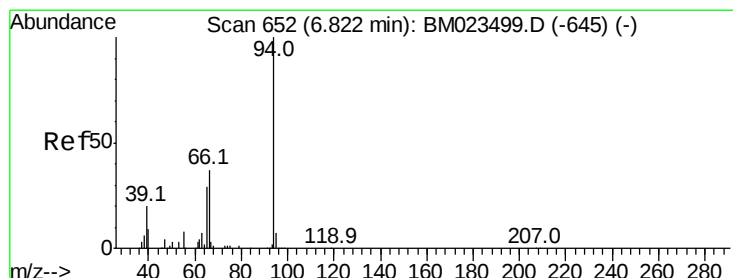
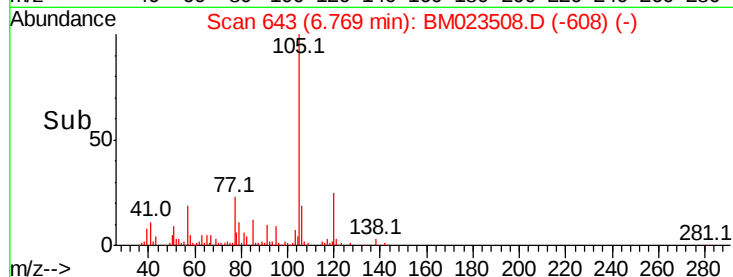
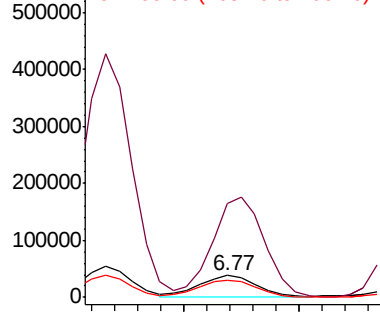
106 79.3 71.3 106.9



Abundance Ion 77.00 (76.70 to 77.70): BM023499.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM023499.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM023499.D (-636) (-)



#6

Phenol

Concen: 4.256 ng/ul

RT: 6.82 min Scan# 652

Delta R.T. -0.00 min

Lab File: BM023508.D

Acq: 31 Oct 2019 07:26

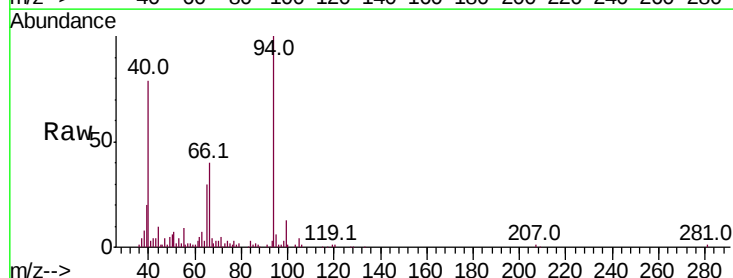
Tgt Ion: 94 Resp: 167507

Ion Ratio Lower Upper

94 100

65 30.0 22.9 34.3

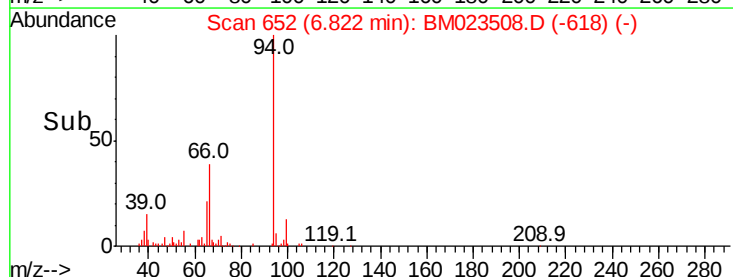
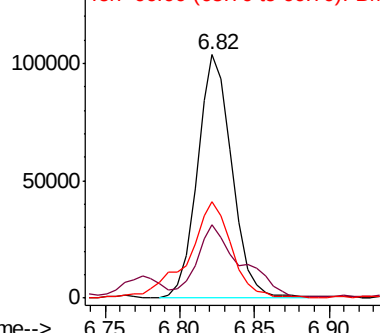
66 39.6 31.4 47.2

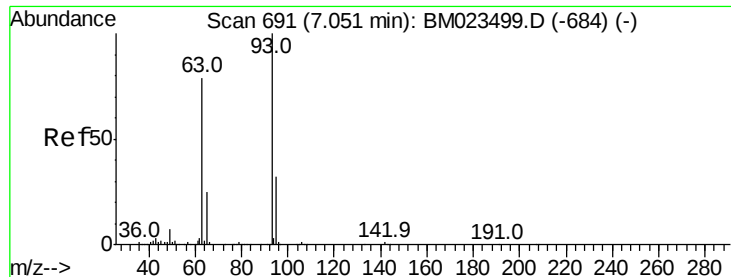


Abundance Ion 94.00 (93.70 to 94.70): BM023499.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM023499.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM023499.D (-645) (-)



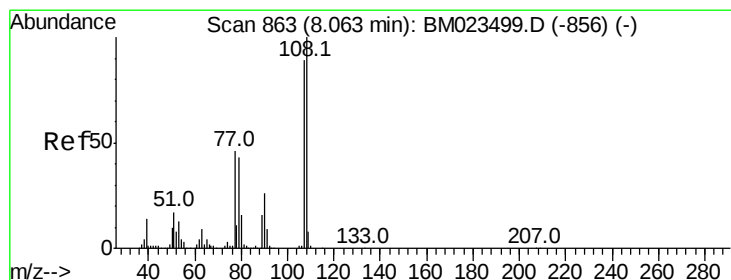
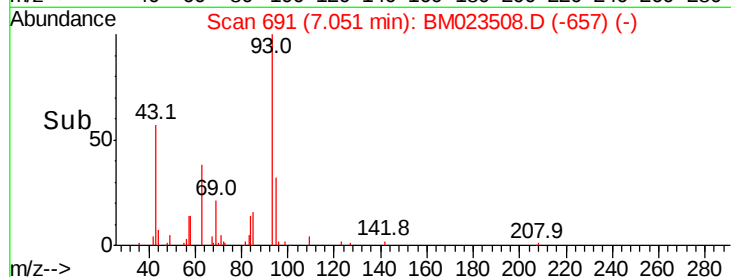
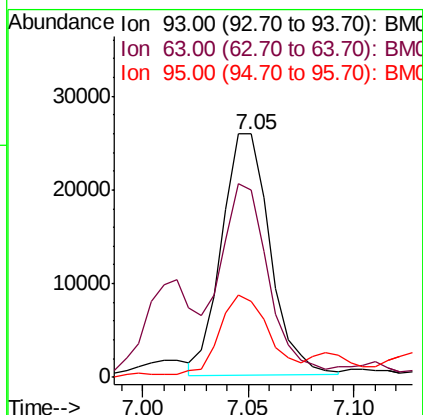
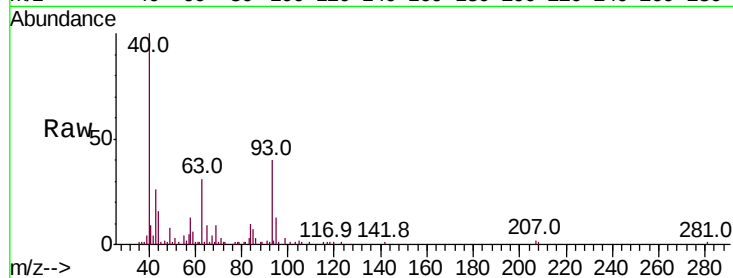


#8

Bis(2-Chloroethyl)ether
 Concen: 1.334 ng/ul
 RT: 7.05 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BM023508.D
 Acq: 31 Oct 2019 07:26

Instrument :
 BNA_M
 ClientSampleId :

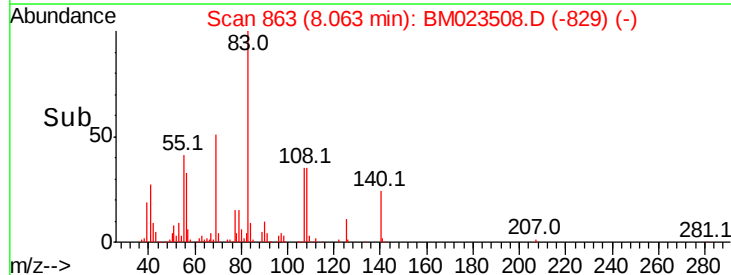
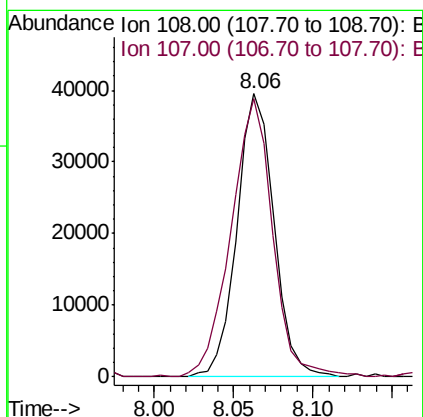
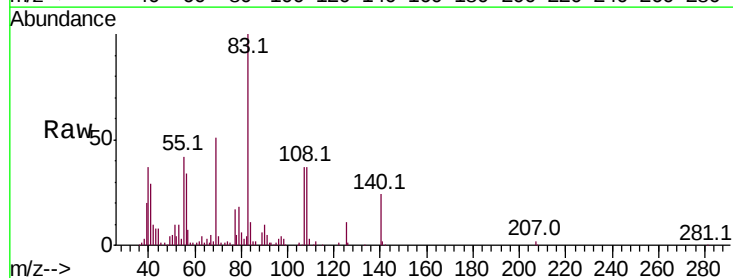
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.2	61.4	92.0
95	31.4	26.1	39.1

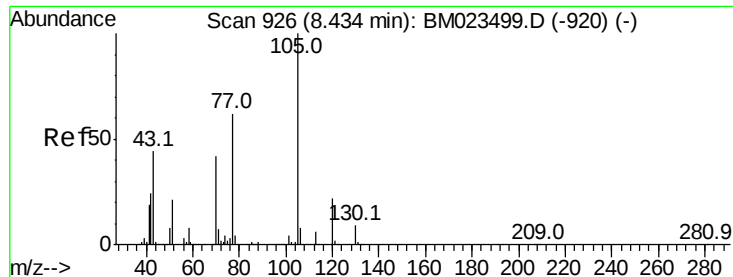


#11

2-Methylphenol
 Concen: 2.133 ng/ul
 RT: 8.06 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BM023508.D
 Acq: 31 Oct 2019 07:26

Tgt Ion	Ratio	Lower	Upper
108	100		
107	98.5	70.6	106.0

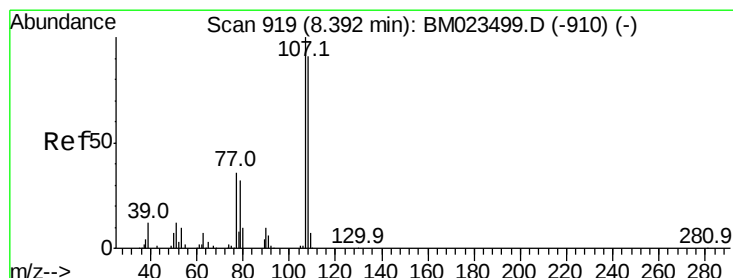
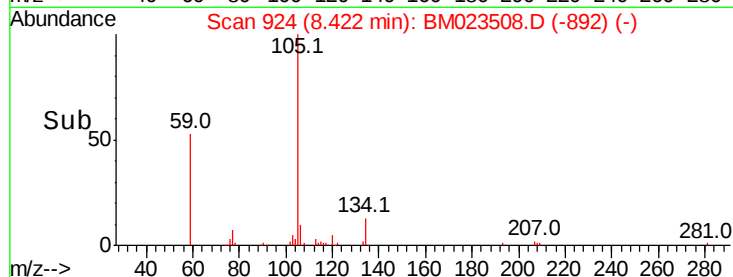
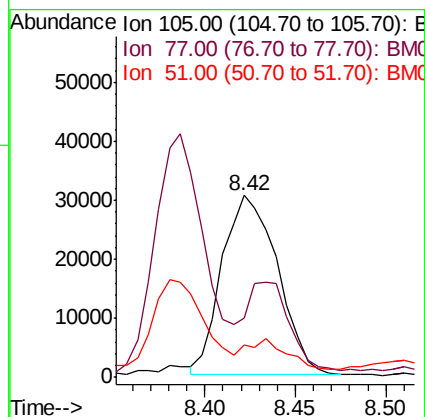
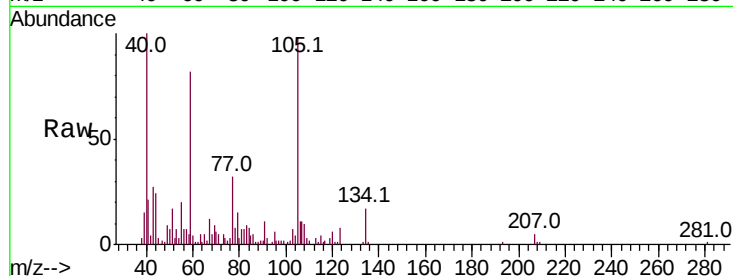




#14
Acetophenone
Concen: 1.330 ng/ul
RT: 8.42 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM023508.D
Acq: 31 Oct 2019 07:26

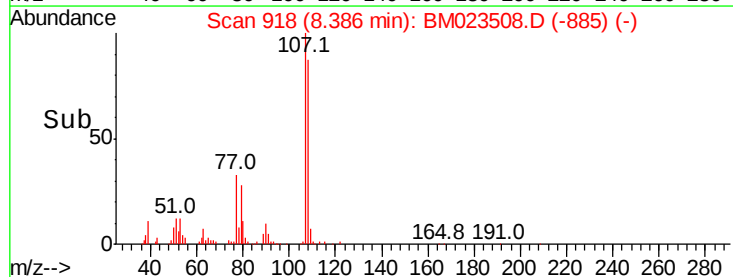
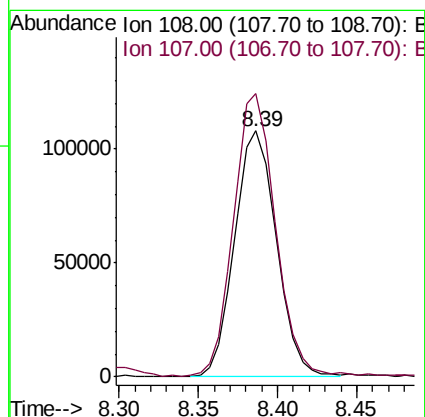
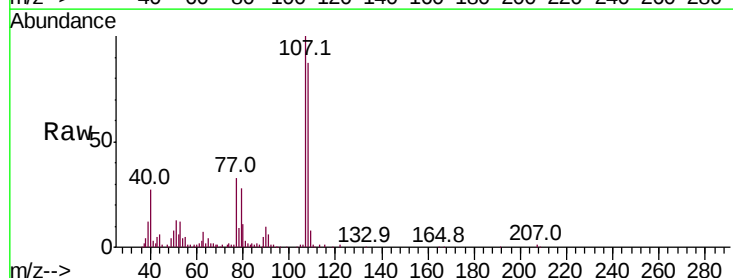
Instrument :
BNA_M
ClientSampleId :

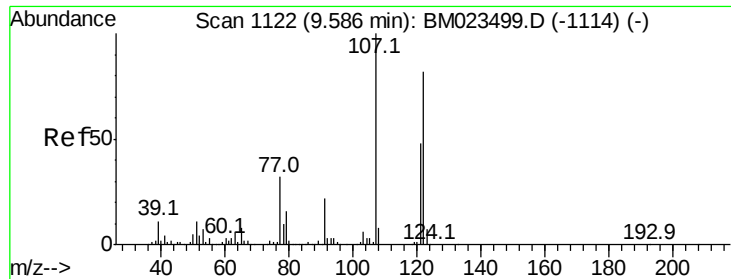
Tot Ion:105 Resp: 64511
Ion Ratio Lower Upper
105 100
77 32.8 64.8 97.2#
51 17.8 21.3 31.9#



#16
4-Methylphenol
Concen: 6.023 ng/ul
RT: 8.39 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM023508.D
Acq: 31 Oct 2019 07:26

Tgt Ion:108 Resp: 198680
Ion Ratio Lower Upper
108 100
107 115.1 89.7 134.5





#24

2,4-Dimethylphenol

Concen: 1.476 ng/ul

RT: 9.59 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BM023508.D

Acq: 31 Oct 2019 07:26

Instrument :

BNA_M

ClientSampleId :

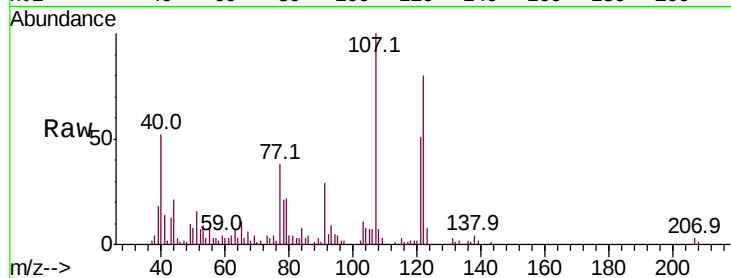
Tot Ion:107 Resp: 52176

Ion Ratio Lower Upper

107 100

121 51.3 39.8 59.8

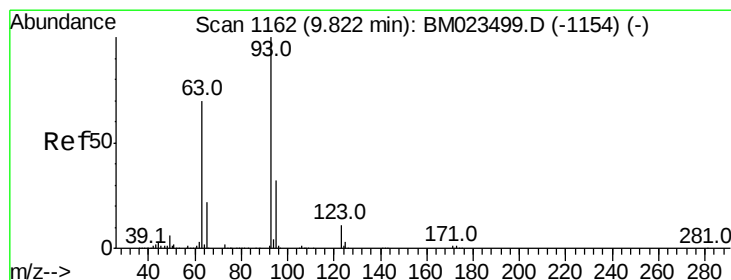
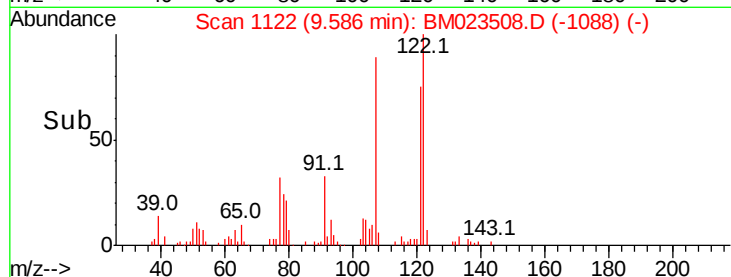
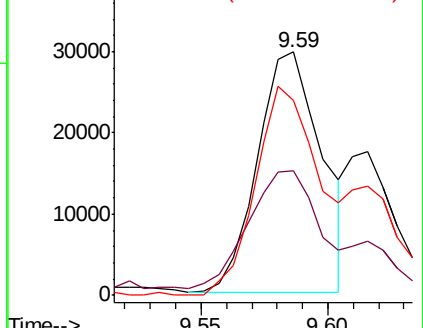
122 80.1 66.4 99.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 2.613 ng/ul

RT: 9.82 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BM023508.D

Acq: 31 Oct 2019 07:26

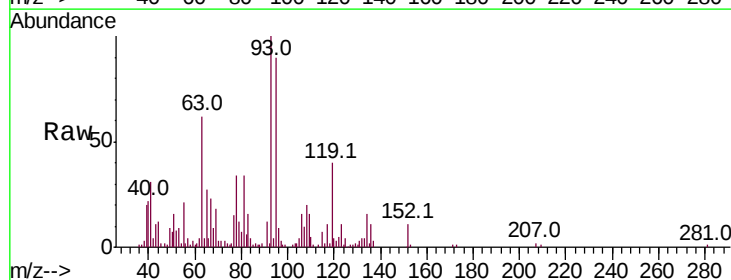
Tgt Ion: 93 Resp: 111388

Ion Ratio Lower Upper

93 100

95 89.6 25.1 37.7#

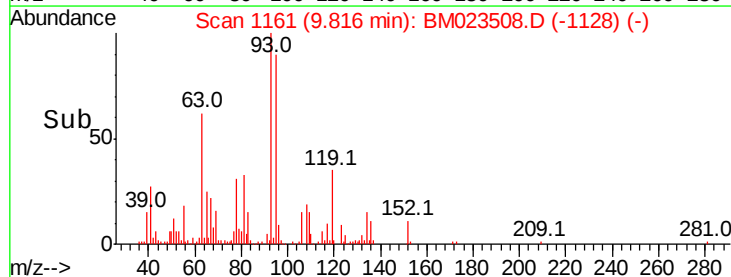
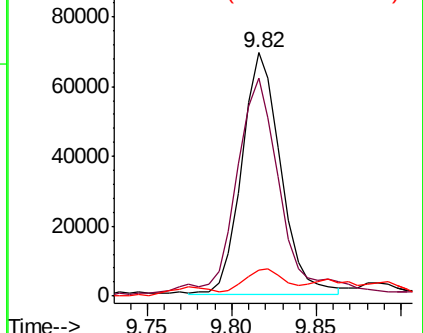
123 10.7 8.6 12.8

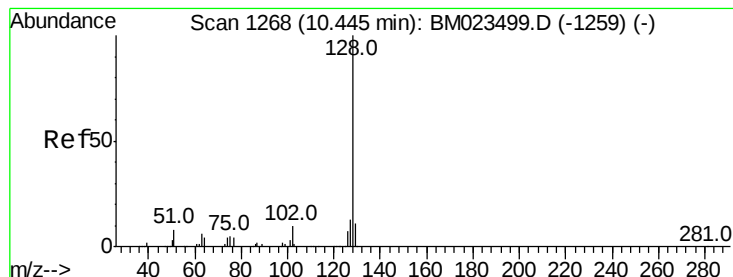


Abundance Ion 93.00 (92.70 to 93.70): BMC

Ion 95.00 (94.70 to 95.70): BMC

Ion 123.00 (122.70 to 123.70): E





#28

Naphthalene

Concen: 3.049 ng/ul

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM023508.D

Acq: 31 Oct 2019 07:26

Instrument :

BNA_M

ClientSampleId :

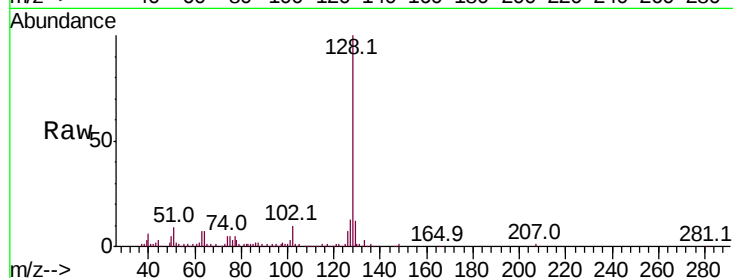
Tot Ion:128 Resp: 293184

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

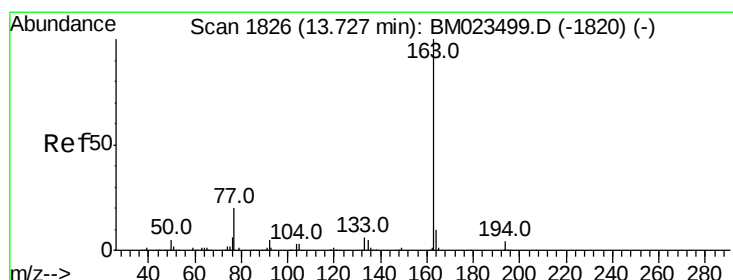
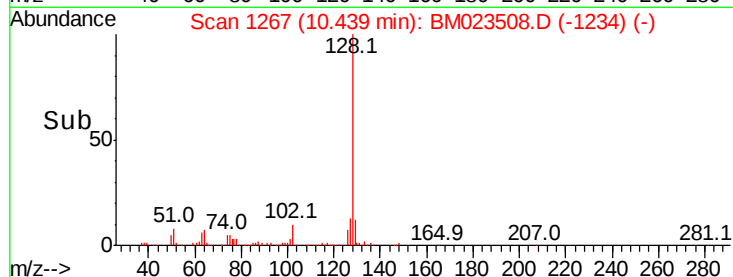
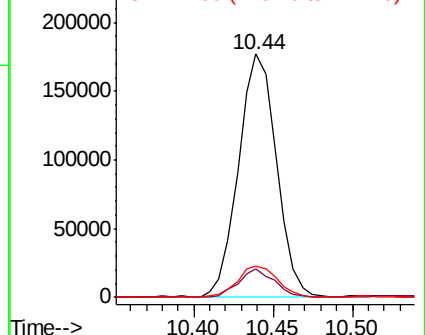
127 12.9 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#45

Dimethylphthalate

Concen: 2.217 ng/ul

RT: 13.73 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BM023508.D

Acq: 31 Oct 2019 07:26

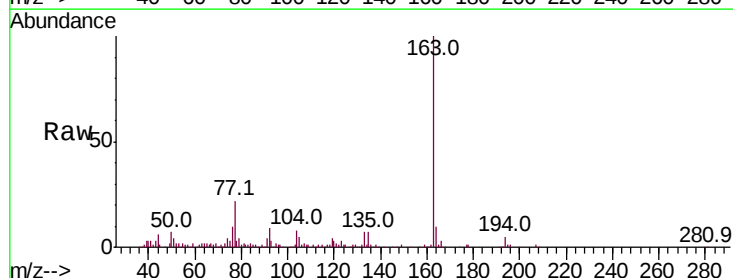
Tgt Ion:163 Resp: 199887

Ion Ratio Lower Upper

163 100

194 4.6 3.3 4.9

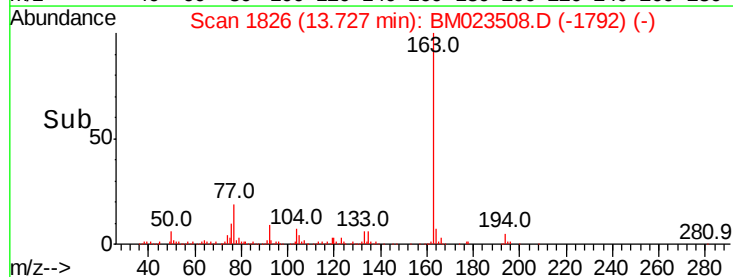
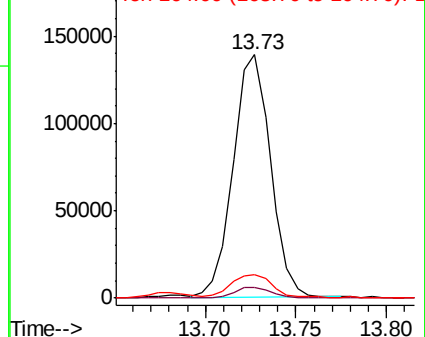
164 9.8 7.9 11.9

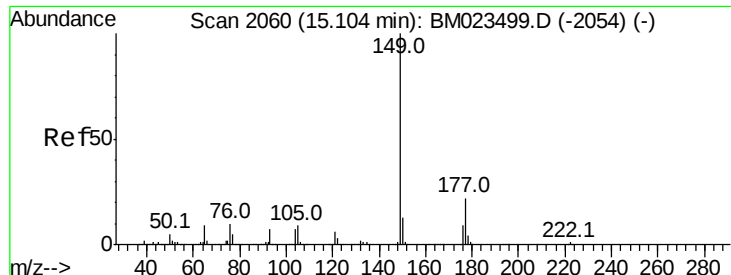


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#57
 Diethylphthalate
 Concen: 1.698 ng/ul
 RT: 15.10 min Scan# 2059
 Delta R.T. -0.01 min
 Lab File: BM023508.D
 Acq: 31 Oct 2019 07:26

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	149	Resp:	154389
Ion	Ratio	Lower	Upper
149	100		
177	21.9	18.1	27.1
150	13.0	10.3	15.5

