

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
 Data File : BM023481.D
 Acq On : 30 Oct 2019 14:39
 Operator : JU
 Sample : K5434-08
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 30 17:14:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 25 07:44:12 2019
 Response via : Initial Calibration

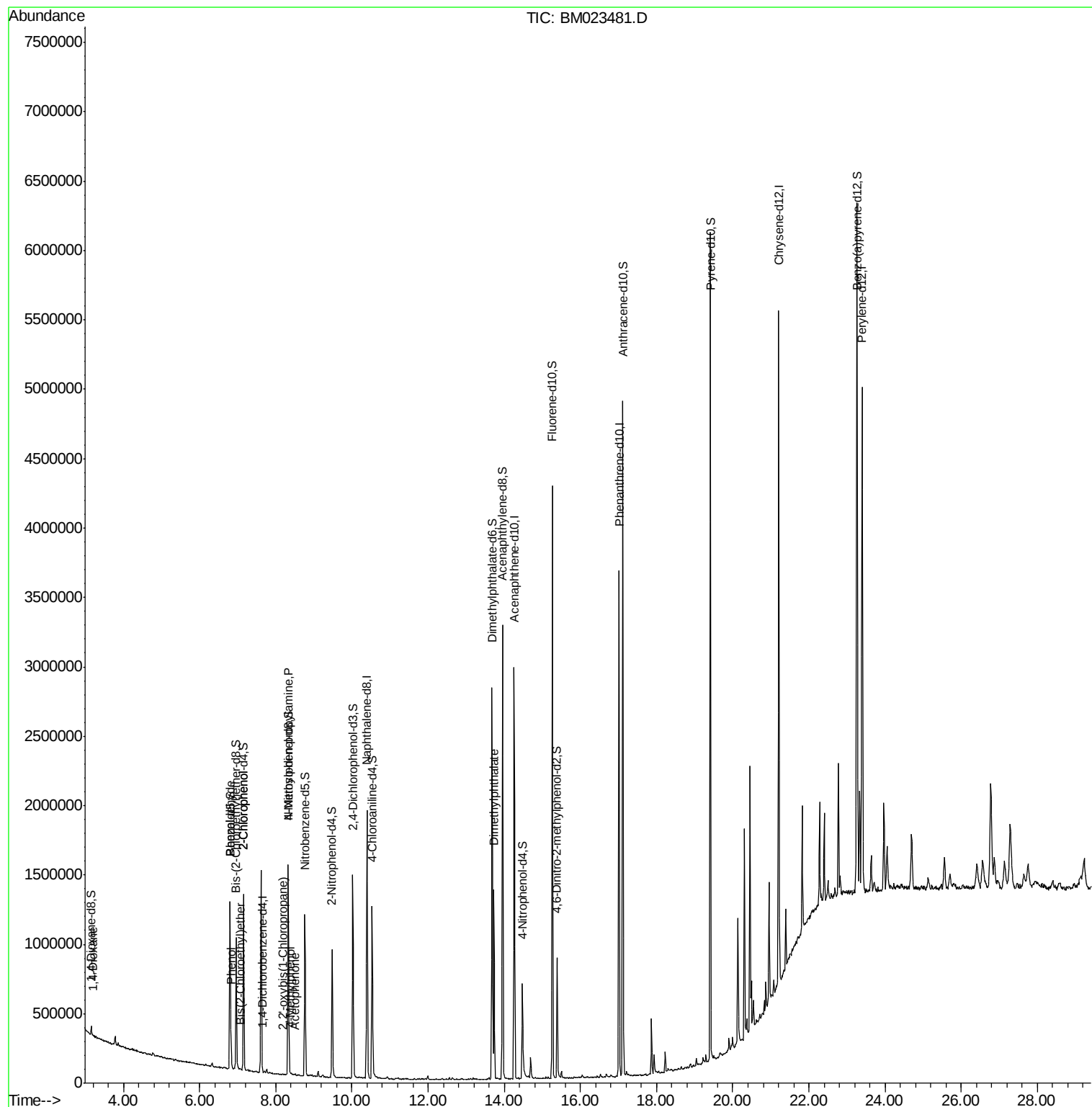
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	650	20.00	ng/ul	0.02
18) Naphthalene-d8	10.39	136	1601977	20.00	ng/ul	-0.03
36) Acenaphthene-d10	14.26	164	995216	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.02	188	2077709	20.00	ng/ul	-0.02
78) Chrysene-d12	21.21	240	2162478	20.00	ng/ul	-0.02
86) Perylene-d12	23.40	264	2529513	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	34390	2513.09	ng/uL	0.00
5) Phenol-d5	6.80	99	689232	12625.51	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.96	67	449100	14035.39	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.15	132	578453	13554.38	ng/ul	-0.02
13) 4-Methylphenol-d8	8.33	113	563215	12701.97	ng/ul	-0.02
19) Nitrobenzene-d5	8.77	128	286277	23.74	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.49	143	307964	23.02	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.02	165	553566	21.05	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.53	131	664613	21.98	ng/ul	-0.02
44) Dimethylphthalate-d6	13.68	166	1885063	24.94	ng/ul	-0.02
47) Acenaphthylene-d8	13.96	160	2130140	24.60	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.48	143	194056	14.82	ng/ul	-0.01
58) Fluorene-d10	15.26	176	1583440	24.74	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.39	200	175013	13.53	ng/ul	-0.02
71) Anthracene-d10	17.11	188	2617763	26.66	ng/ul	-0.02
79) Pyrene-d10	19.41	212	3022222	25.41	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.26	264	3558466	27.62	ng/ul	-0.02
Target Compounds						
2) 1,4-Dioxane	3.20	88	1090	74.849	ng/uL#	24
4) Benzaldehyde	6.80	77	1724	54.852	ng/ul#	17
6) Phenol	6.83	94	98347	1749.455	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.09	93	177	4.038	ng/ul#	20
10) 2-Chlorophenol	7.15	128	223	4.988	ng/ul#	1
12) 2,2'-oxybis(1-Chloropropan	8.20	45	592	9.458	ng/ul#	1
14) Acetophenone	8.50	105	242	3.494	ng/ul#	1
15) N-Nitroso-di-n-propylamine	8.33	70	14034	358.608	ng/ul#	1
16) 4-Methylphenol	8.38	108	448	9.507	ng/ul	89
45) Dimethylphthalate	13.73	163	895401	11.800	ng/ul	99

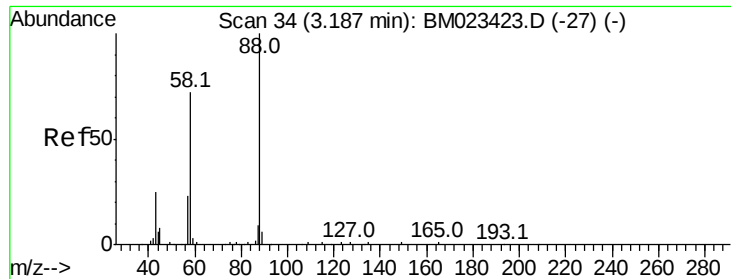
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 74.849 ng/uL

RT: 3.20 min Scan# 36

Delta R.T. 0.01 min

Lab File: BM023481.D

Acq: 30 Oct 2019 14:39

Instrument :

BNA_M

ClientSampleId :

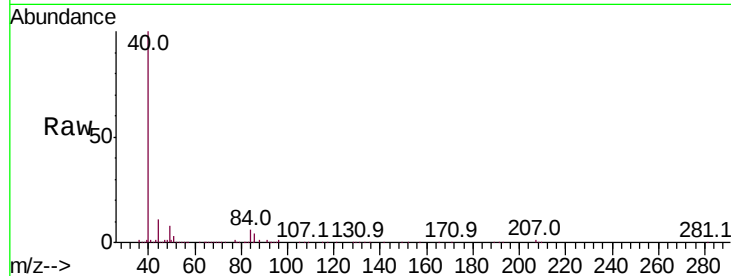
Tot Ion: 88 Resp: 1090

Ion Ratio Lower Upper

88 100

43 62.1 26.3 39.5#

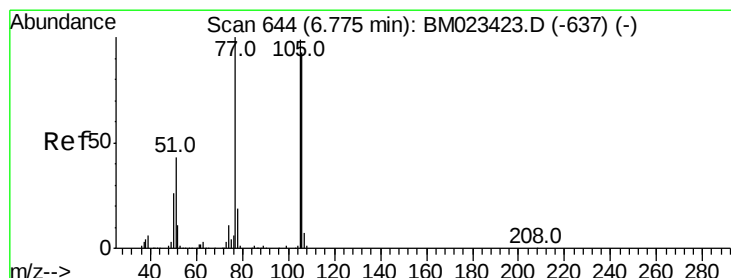
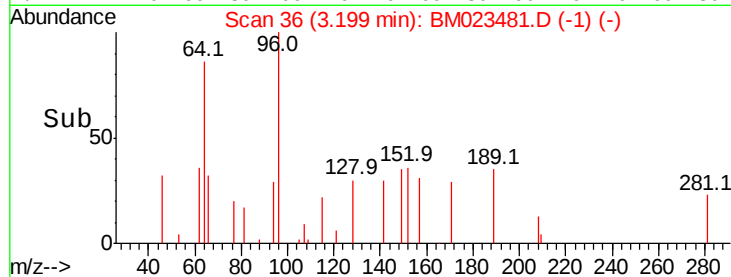
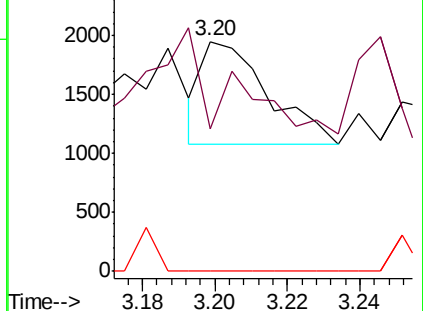
58 0.0 58.0 87.0#



Abundance Ion 88.00 (87.70 to 88.70): BM023423.D (-27) (-)

Ion 43.00 (42.70 to 43.70): BM023423.D (-27) (-)

Ion 58.00 (57.70 to 58.70): BM023423.D (-27) (-)



#4

Benzaldehyde

Concen: 54.852 ng/uL

RT: 6.80 min Scan# 648

Delta R.T. 0.01 min

Lab File: BM023481.D

Acq: 30 Oct 2019 14:39

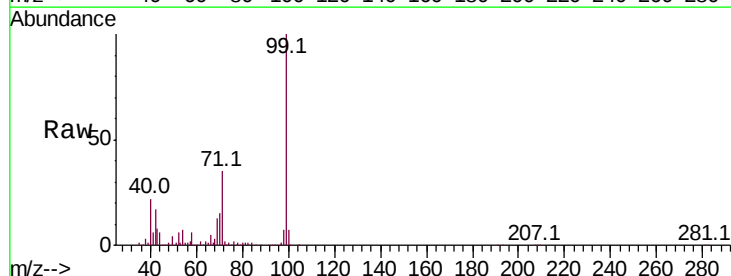
Tgt Ion: 77 Resp: 1724

Ion Ratio Lower Upper

77 100

105 24.7 75.4 113.2#

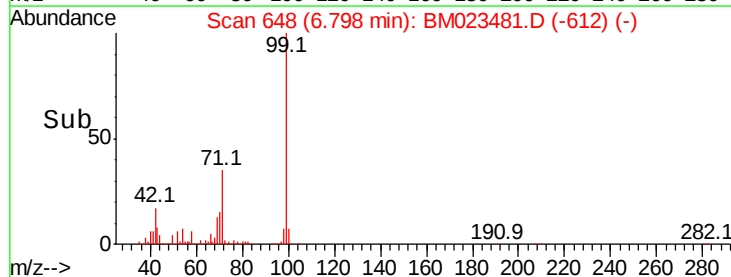
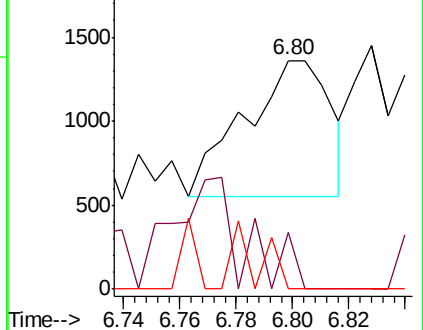
106 0.0 71.3 106.9#

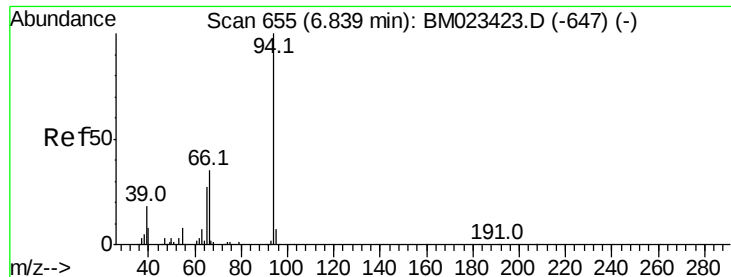


Abundance Ion 77.00 (76.70 to 77.70): BM023423.D (-637) (-)

Ion 105.00 (104.70 to 105.70): BM023423.D (-637) (-)

Ion 106.00 (105.70 to 106.70): BM023423.D (-637) (-)





#6

Phenol

Concen: 1749.455 ng/ul

RT: 6.83 min Scan# 653

Delta R.T. -0.02 min

Lab File: BM023481.D

Acq: 30 Oct 2019 14:39

Instrument :

BNA_M

ClientSampleId :

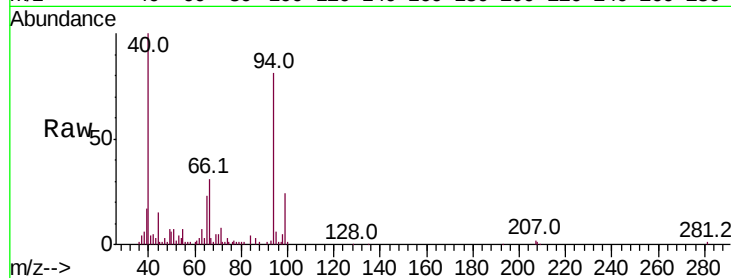
Tot Ion: 94 Resp: 98347

Ion Ratio Lower Upper

94 100

65 28.2 22.9 34.3

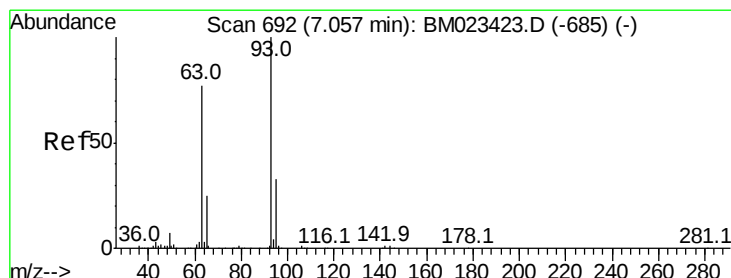
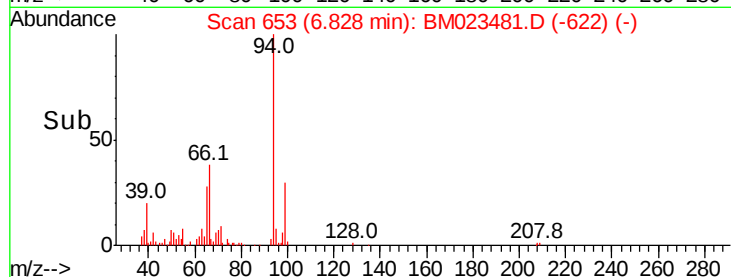
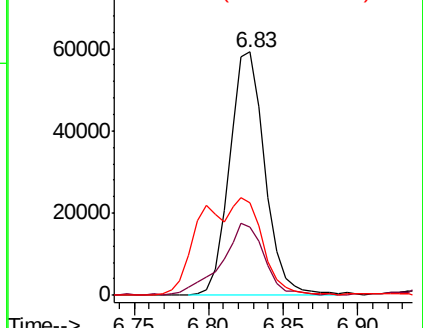
66 38.1 31.4 47.2



Abundance Ion 94.00 (93.70 to 94.70): BM023423.D (-647) (-)

Ion 65.00 (64.70 to 65.70): BM023423.D (-647) (-)

Ion 66.00 (65.70 to 66.70): BM023423.D (-647) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 4.038 ng/ul

RT: 7.09 min Scan# 697

Delta R.T. 0.02 min

Lab File: BM023481.D

Acq: 30 Oct 2019 14:39

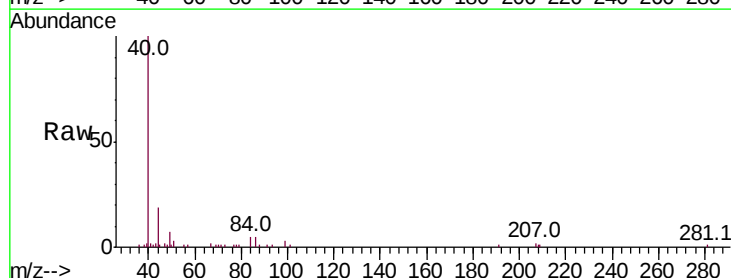
Tgt Ion: 93 Resp: 177

Ion Ratio Lower Upper

93 100

63 0.0 61.4 92.0#

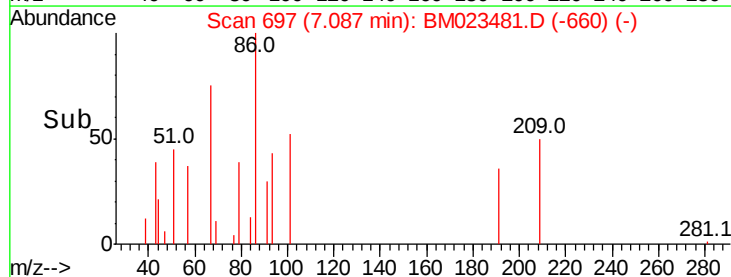
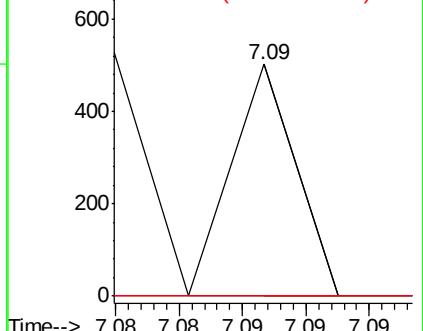
95 0.0 26.1 39.1#

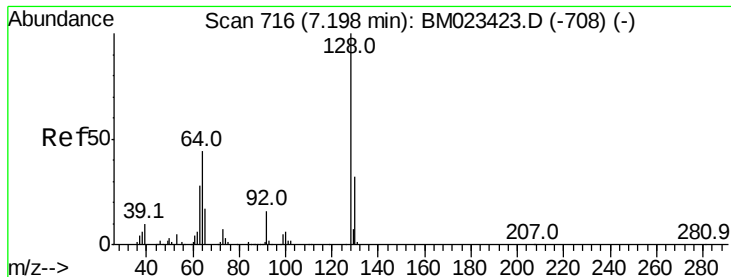


Abundance Ion 93.00 (92.70 to 93.70): BM023423.D (-685) (-)

Ion 63.00 (62.70 to 63.70): BM023423.D (-685) (-)

Ion 95.00 (94.70 to 95.70): BM023423.D (-685) (-)

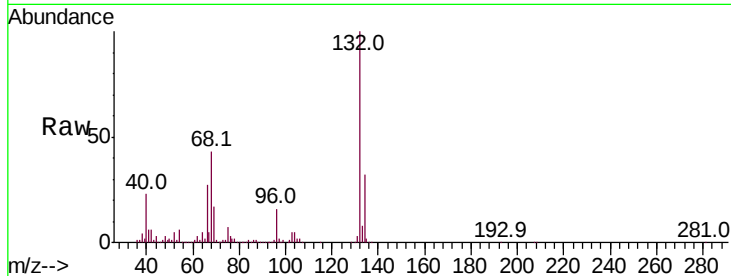




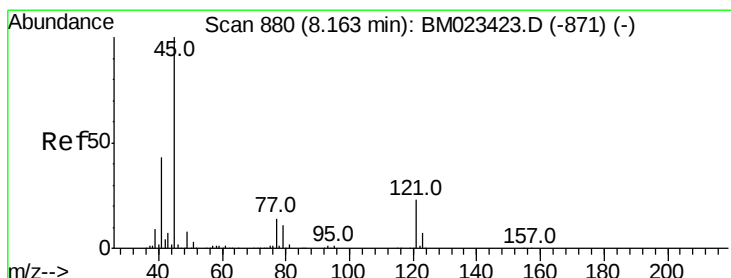
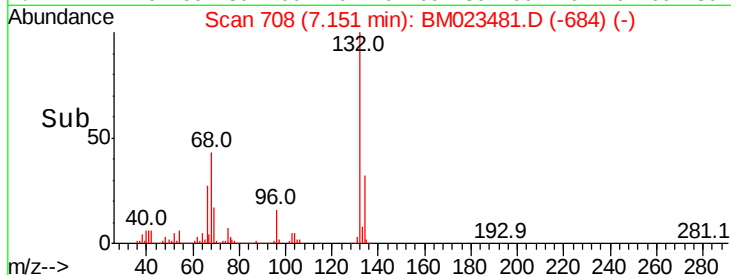
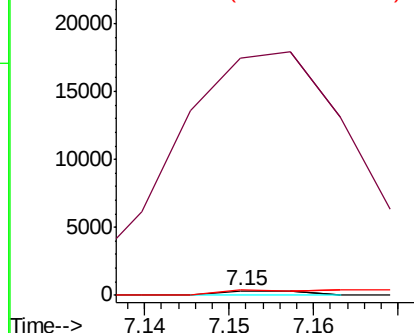
#10
2-Chlorophenol
Concen: 4.988 ng/ul
RT: 7.15 min Scan# 708
Delta R.T. -0.06 min
Lab File: BM023481.D
Acq: 30 Oct 2019 14:39

Instrument :
BNA_M
ClientSampled :

Tot Ion:128 Resp: 223
Ion Ratio Lower Upper
128 100
64 5392.0 37.3 55.9#
130 122.6 26.0 39.0#

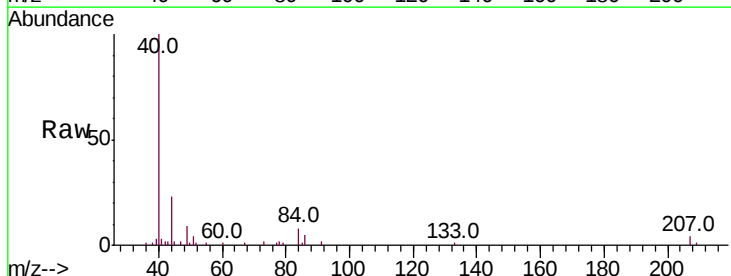


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 130.00 (129.70 to 130.70): E

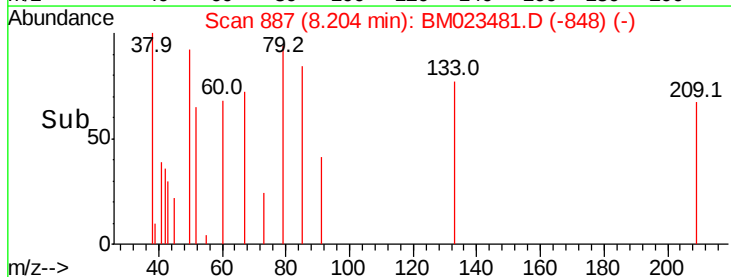
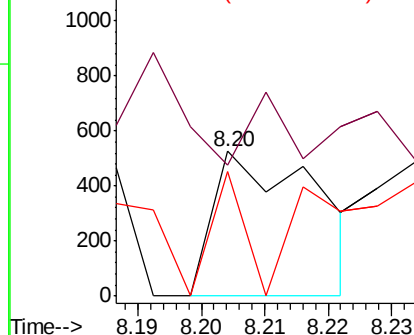


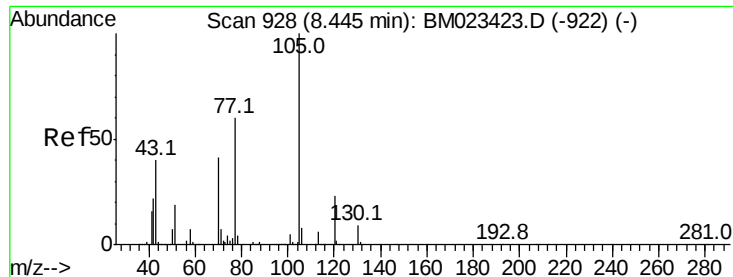
#12
2,2'-oxybis(1-Chloropropane)
Concen: 9.458 ng/ul
RT: 8.20 min Scan# 887
Delta R.T. 0.03 min
Lab File: BM023481.D
Acq: 30 Oct 2019 14:39

Tgt Ion: 45 Resp: 592
Ion Ratio Lower Upper
45 100
77 90.5 11.4 17.2#
79 85.7 9.0 13.6#



Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0





#14

Acetophenone

Concen: 3.494 ng/ul

RT: 8.50 min Scan# 937

Delta R.T. 0.04 min

Lab File: BM023481.D

Acq: 30 Oct 2019 14:39

Instrument :

BNA_M

ClientSampleId :

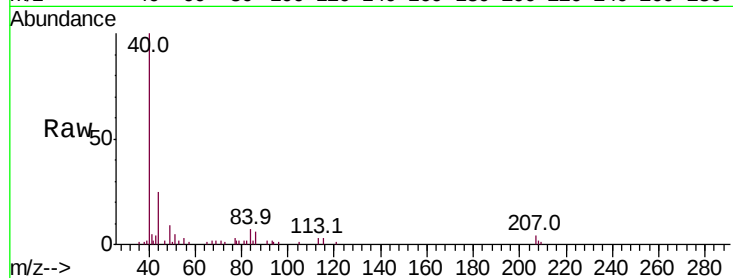
Tot Ion:105 Resp: 242

Ion Ratio Lower Upper

105 100

77 219.7 64.8 97.2#

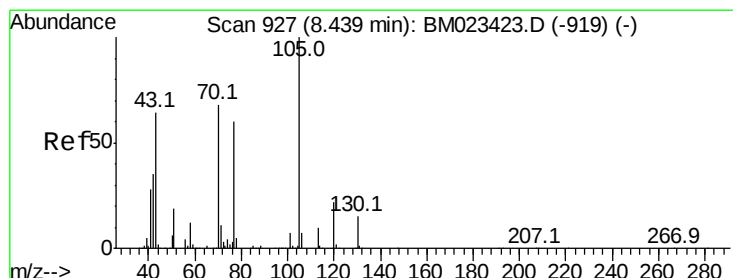
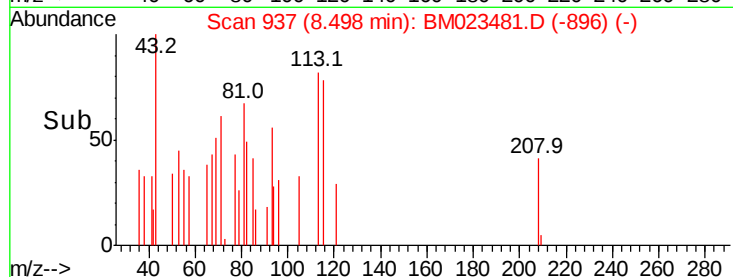
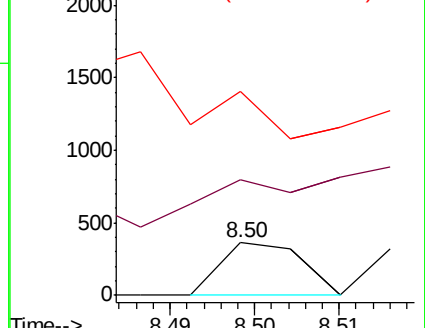
51 388.9 21.3 31.9#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 51.00 (50.70 to 51.70): BM



#15

N-Nitroso-di-n-propylamine

Concen: 358.608 ng/ul

RT: 8.33 min Scan# 908

Delta R.T. -0.12 min

Lab File: BM023481.D

Acq: 30 Oct 2019 14:39

Tgt Ion: 70 Resp: 14034

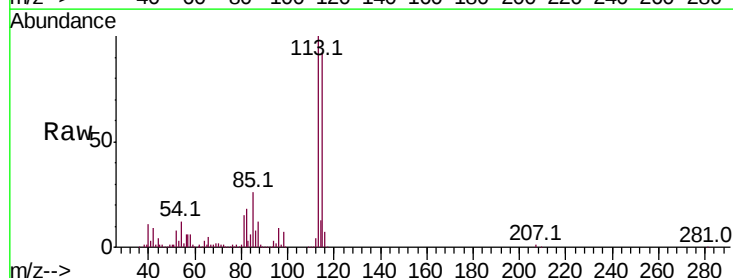
Ion Ratio Lower Upper

70 100

42 364.3 42.8 64.2#

101 0.0 7.8 11.8#

130 0.0 16.6 25.0#

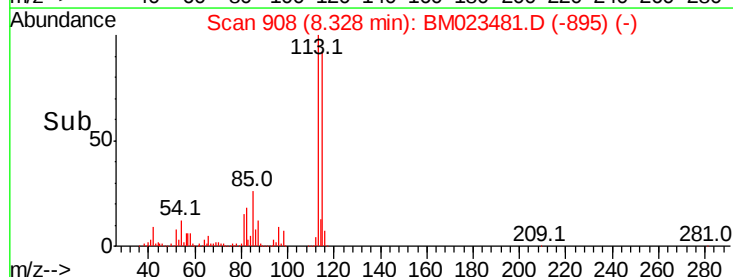
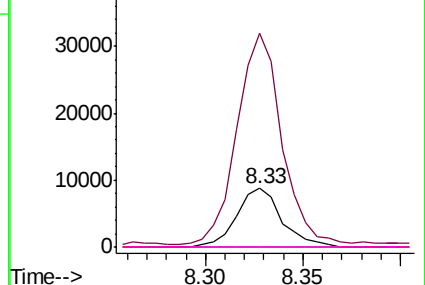


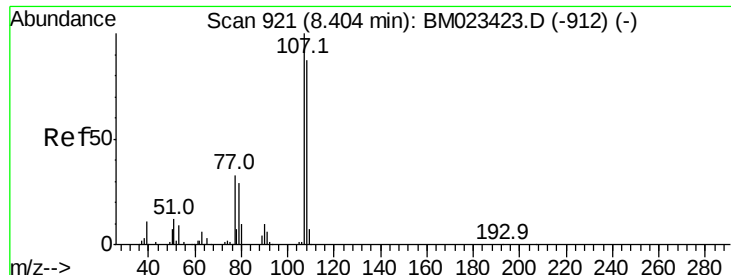
Abundance Ion 70.00 (69.70 to 70.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#16

4-Methylphenol

Concen: 9.507 ng/ul

RT: 8.38 min Scan# 917

Delta R.T. -0.04 min

Lab File: BM023481.D

Acq: 30 Oct 2019 14:39

Instrument :

BNA_M

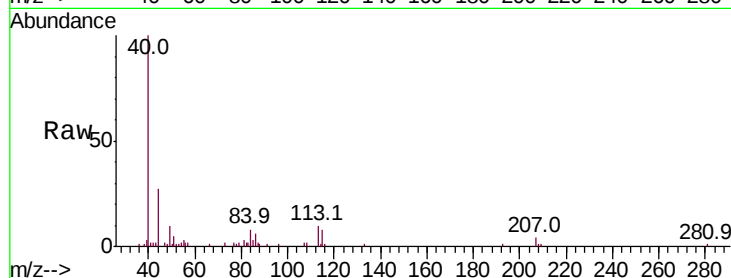
ClientSampleId :

Tot Ion:108 Resp: 448

Ion Ratio Lower Upper

108 100

107 100.0 89.7 134.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

600

500

400

300

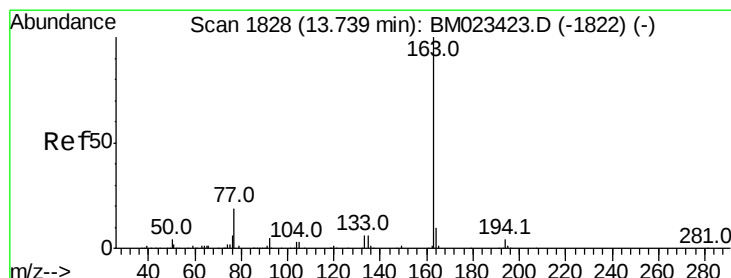
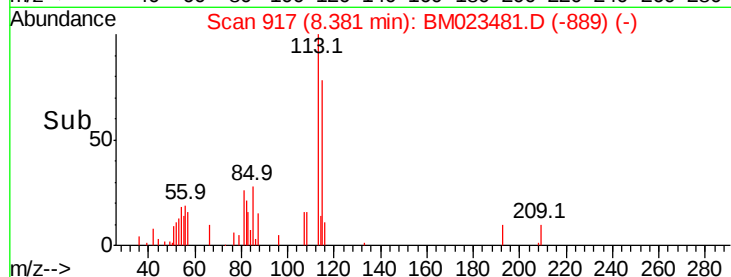
200

100

0

8.37 8.38 8.39 8.40

Time-->



#45

Dimethylphthalate

Concen: 11.800 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BM023481.D

Acq: 30 Oct 2019 14:39

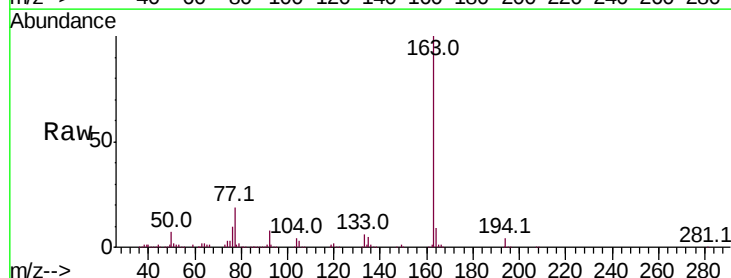
Tgt Ion:163 Resp: 895401

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.5 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

800000

600000

400000

200000

0

13.65 13.70 13.75 13.80

Time-->

