

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
 Data File : BM022893.D
 Acq On : 02 Oct 2019 15:17
 Operator : JU
 Sample : K4932-10DL 2X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 03 00:58:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	189821	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.59	136	830582	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.43	164	506359	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	900997	20.00	ng/ul	-0.01
78) Chrysene-d12	21.35	240	646570	20.00	ng/ul	-0.02
86) Perylene-d12	23.62	264	713632	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	3587	0.82	ng/uL	0.01
5) Phenol-d5	6.97	99	65930	3.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	133125	14.50	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	163289	12.09	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	117659	8.57	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	95280	14.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	104288	14.90	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	193532	13.89	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.72	131	153868	9.09	ng/ul	-0.01
44) Dimethylphthalate-d6	13.85	166	599695	15.26	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	685515	15.11	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.64	143	22919	2.95	ng/ul	0.00
58) Fluorene-d10	15.43	176	491574	14.68	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	53309	9.09	ng/ul	-0.02
71) Anthracene-d10	17.27	188	695626	15.81	ng/ul	-0.02
79) Pyrene-d10	19.56	212	641085	18.42	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	577462	15.64	ng/ul	-0.03

Target Compounds

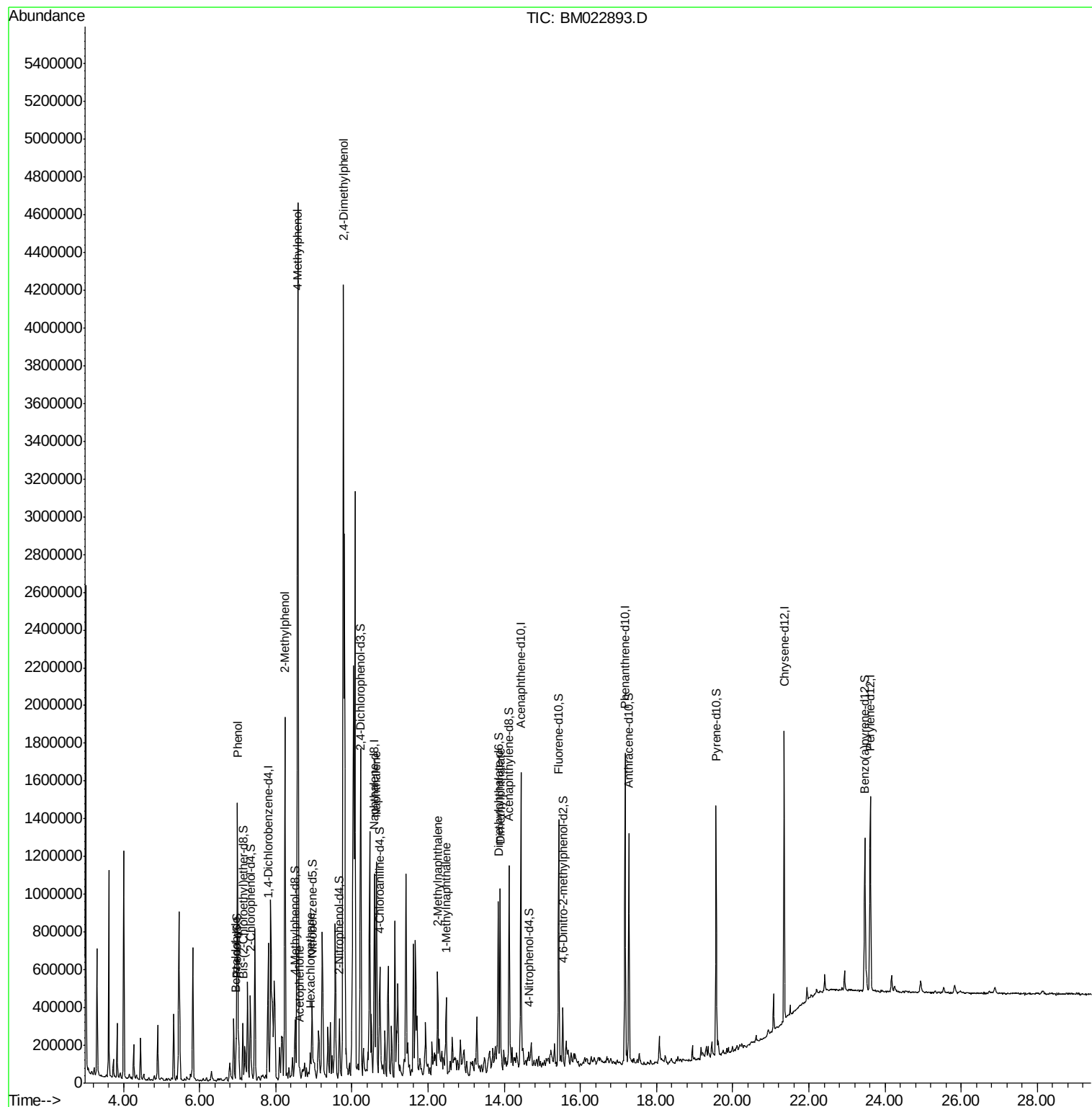
					Ovalue	
4) Benzaldehyde	6.95	77	11902	1.566	ng/ul#	1
6) Phenol	7.00	94	860269	48.928	ng/ul	99
11) 2-Methylphenol	8.25	108	668156	49.306	ng/ul	99
14) Acetophenone	8.62	105	40148	1.913	ng/ul	97
16) 4-Methylphenol	8.58	108	1906426	127.232	ng/ul	92
17) Hexachloroethane	8.91	117	15657	2.844	ng/ul#	6
24) 2,4-Dimethylphenol	9.77	107	1603653	102.883	ng/ul	99
28) Naphthalene	10.64	128	901366	20.094	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	249673	7.424	ng/ul	99
35) 1-Methylnaphthalene	12.47	142	166041	5.169	ng/ul	98
45) Dimethylphthalate	13.89	163	594147	14.718	ng/ul	100

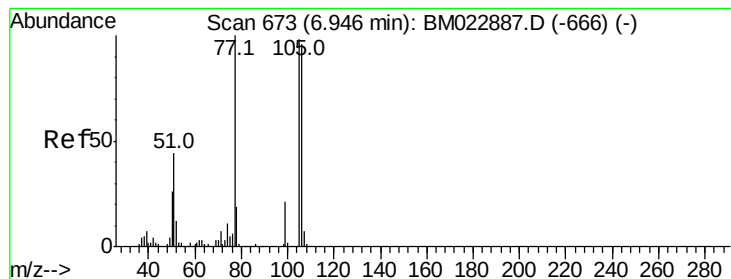
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022893.D
Acq On : 02 Oct 2019 15:17
Operator : JU
Sample : K4932-10DL 2X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 03 00:58:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.566 ng/ul

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM022893.D

Acq: 02 Oct 2019 15:17

Instrument :

BNA_M

ClientSampled :

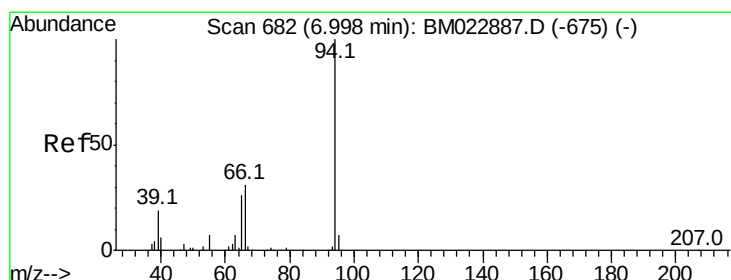
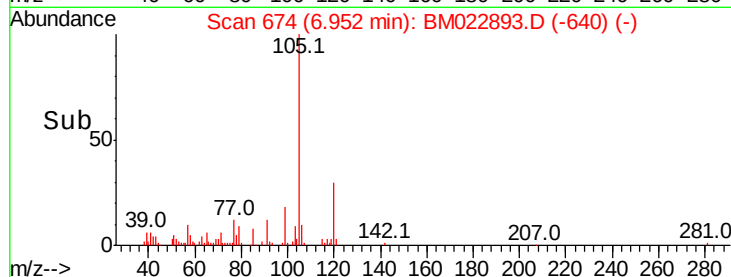
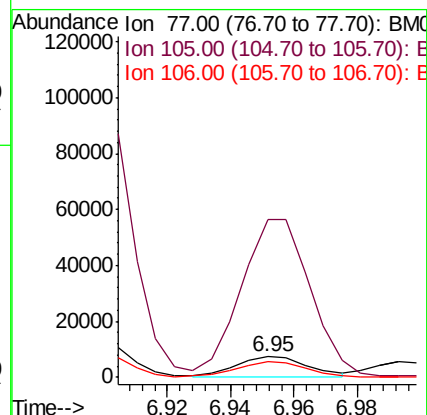
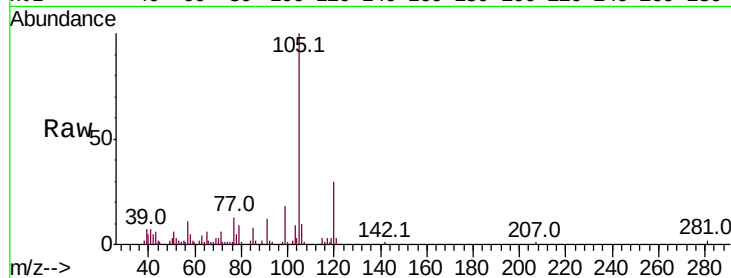
Tot Ion: 77 Resp: 11902

Ion Ratio Lower Upper

77 100

105 776.3 80.6 120.8#

106 75.0 77.0 115.6#



#6

Phenol

Concen: 48.928 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM022893.D

Acq: 02 Oct 2019 15:17

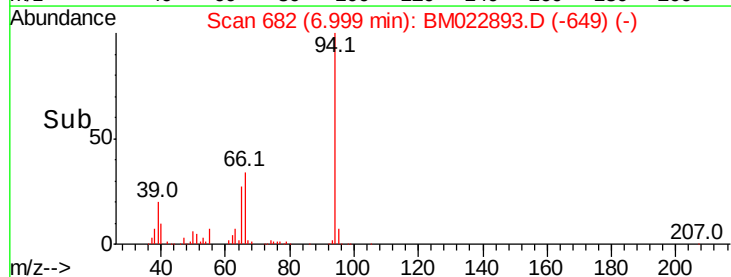
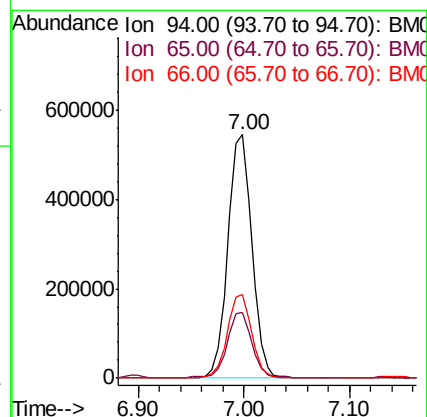
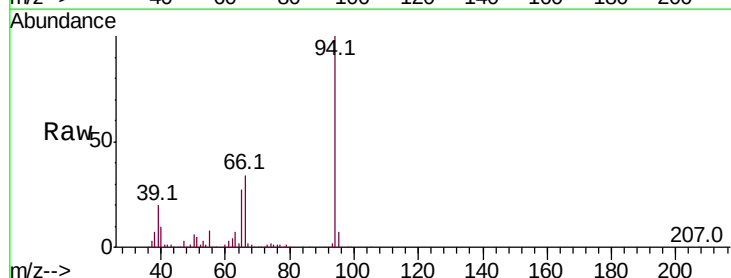
Tgt Ion: 94 Resp: 860269

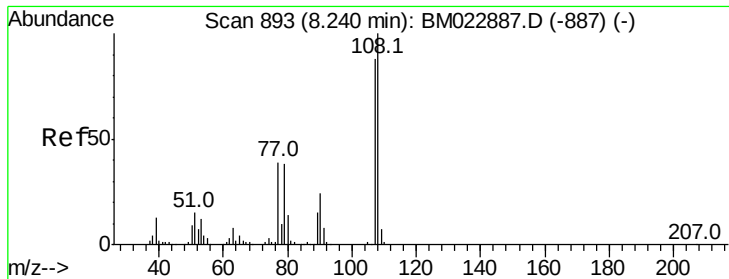
Ion Ratio Lower Upper

94 100

65 26.8 20.9 31.3

66 34.1 27.2 40.8

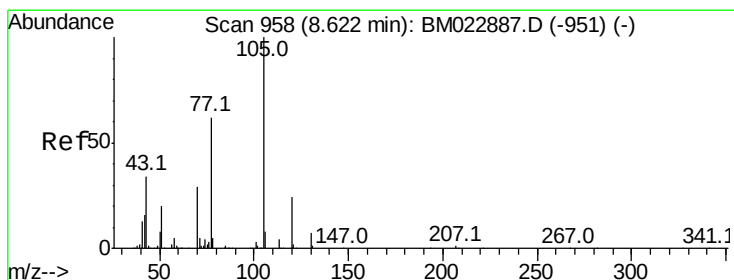
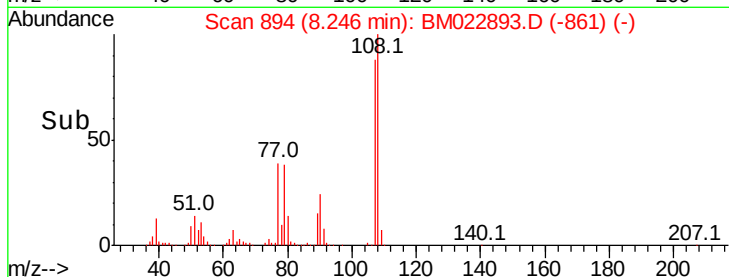
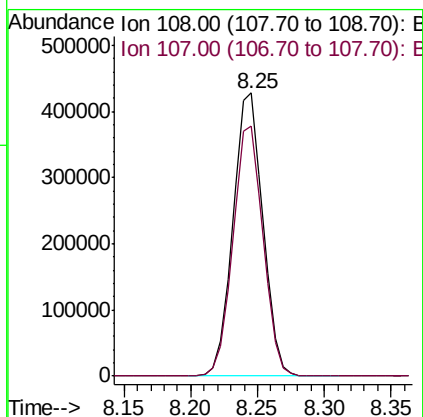
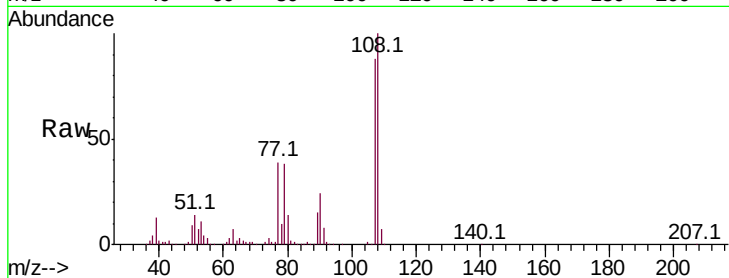




#11
2-Methylphenol
Concen: 49.306 ng/ul
RT: 8.25 min Scan# 894
Delta R.T. -0.01 min
Lab File: BM022893.D
Acq: 02 Oct 2019 15:17

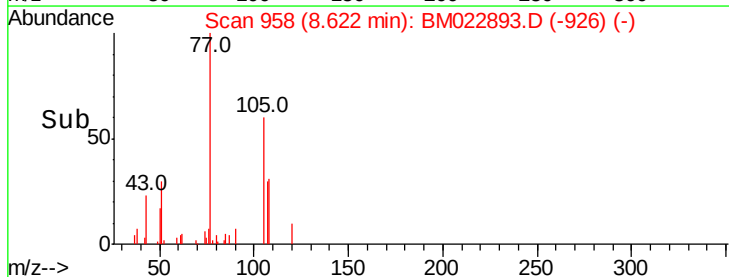
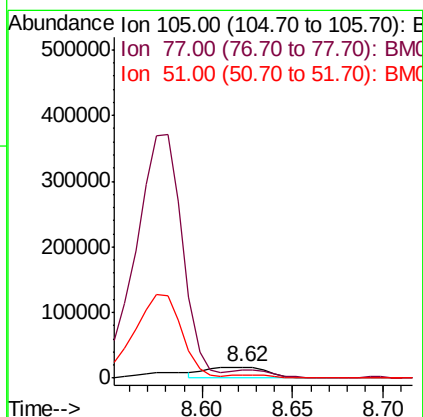
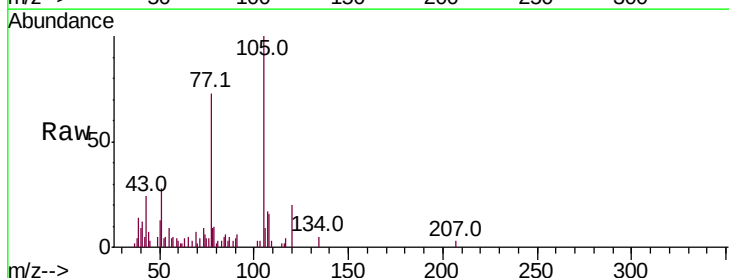
Instrument :
BNA_M
ClientSampled :

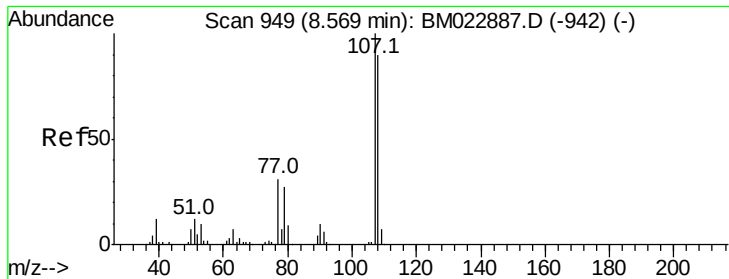
Tot Ion:108 Resp: 668156
Ion Ratio Lower Upper
108 100
107 88.1 71.0 106.4



#14
Acetophenone
Concen: 1.913 ng/ul
RT: 8.62 min Scan# 958
Delta R.T. -0.01 min
Lab File: BM022893.D
Acq: 02 Oct 2019 15:17

Tgt Ion:105 Resp: 40148
Ion Ratio Lower Upper
105 100
77 72.8 59.4 89.0
51 27.6 19.4 29.0





#16

4-Methylphenol

Concen: 127.232 ng/ul

RT: 8.58 min Scan# 951

Delta R.T. 0.00 min

Lab File: BM022893.D

Acq: 02 Oct 2019 15:17

Instrument :

BNA_M

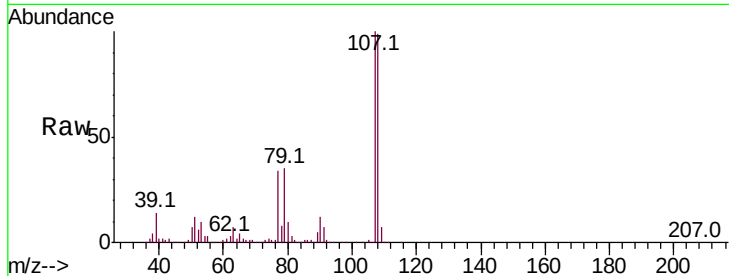
ClientSampleId :

Tot Ion:108 Resp: 1906426

Ion Ratio Lower Upper

108 100

107 101.1 87.9 131.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

1200000

1000000

800000

600000

400000

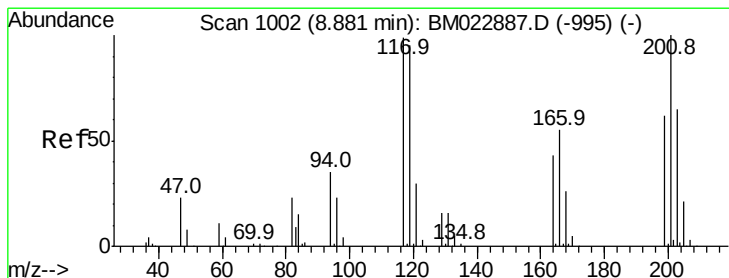
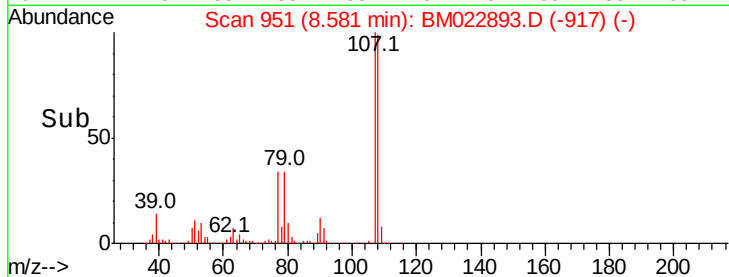
200000

0

8.58

8.55 8.58 8.60 8.65

Time-->



#17

Hexachloroethane

Concen: 2.844 ng/ul

RT: 8.91 min Scan# 1007

Delta R.T. 0.02 min

Lab File: BM022893.D

Acq: 02 Oct 2019 15:17

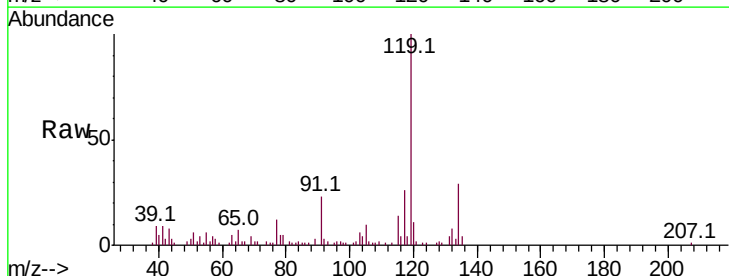
Tgt Ion:117 Resp: 15657

Ion Ratio Lower Upper

117 100

201 0.0 82.5 123.7#

199 0.0 51.6 77.4#



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

30000

25000

20000

15000

10000

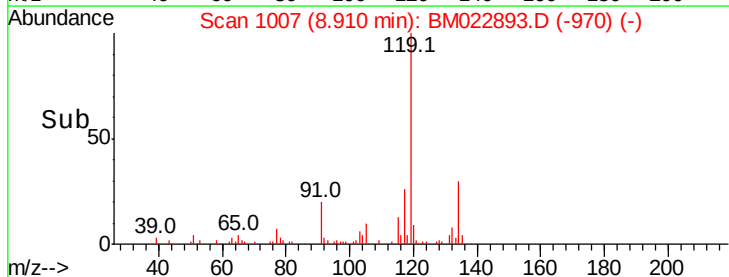
5000

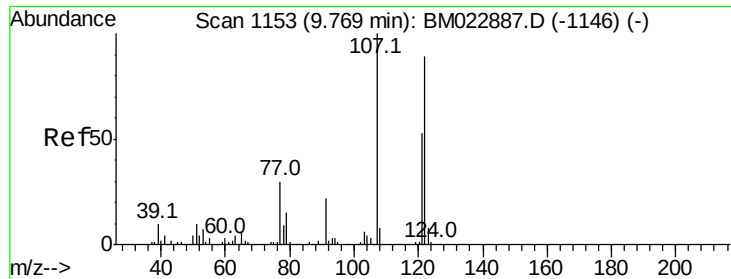
0

8.91

8.85 8.90 8.95

Time-->





#24

2,4-Dimethylphenol

Concen: 102.883 ng/ul

RT: 9.77 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BM022893.D

Acq: 02 Oct 2019 15:17

Instrument :

BNA_M

ClientSampleId :

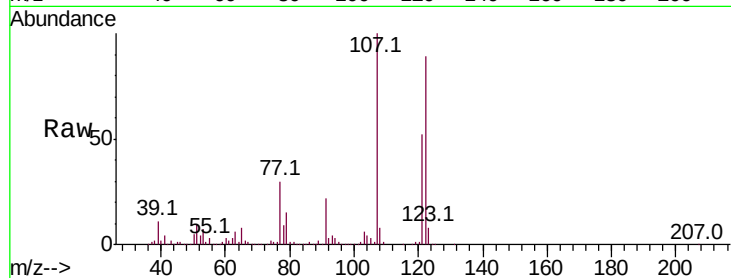
Tot Ion:107 Resp: 1603653

Ion Ratio Lower Upper

107 100

121 52.3 43.0 64.4

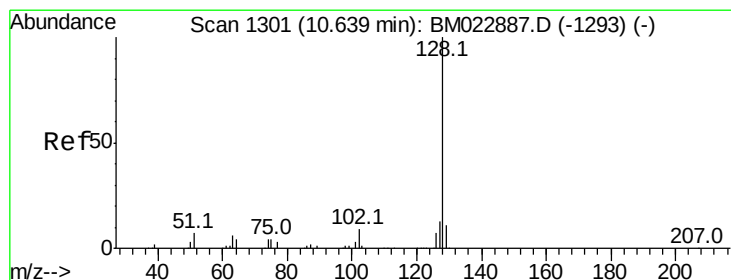
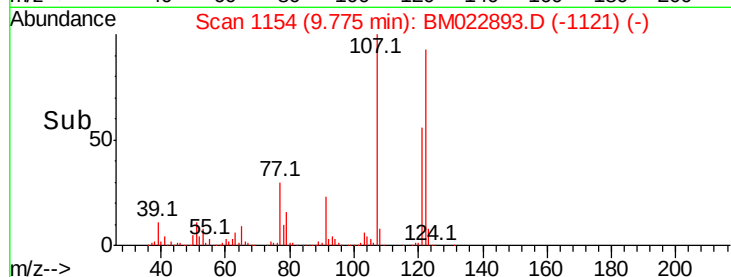
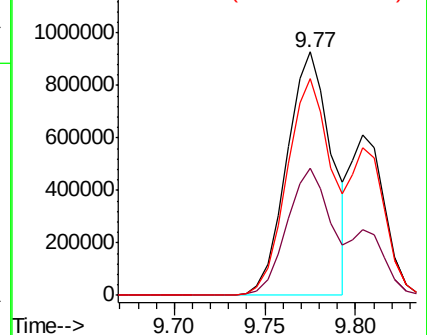
122 88.8 71.4 107.0



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



#28

Naphthalene

Concen: 20.094 ng/ul

RT: 10.64 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BM022893.D

Acq: 02 Oct 2019 15:17

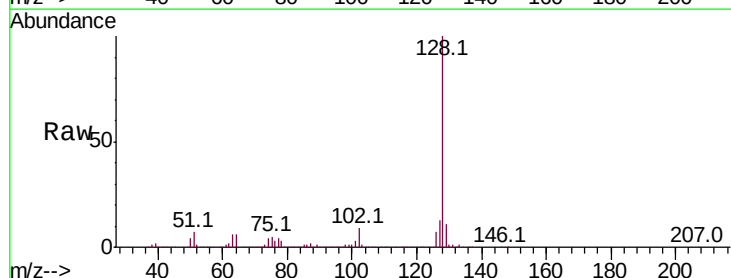
Tgt Ion:128 Resp: 901366

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

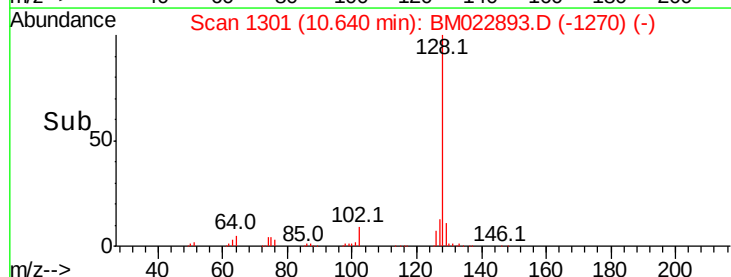
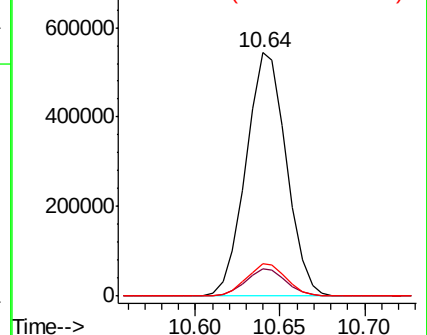
127 13.2 10.2 15.4

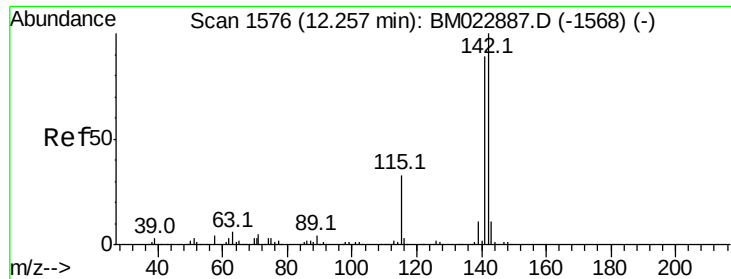


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

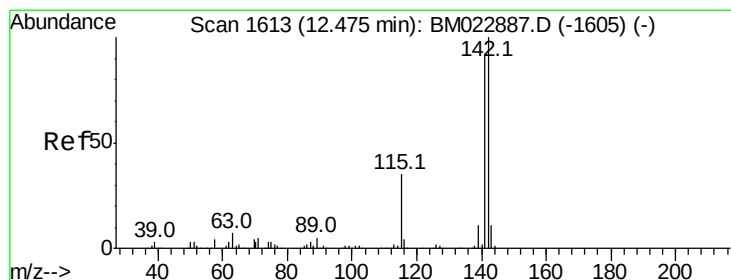
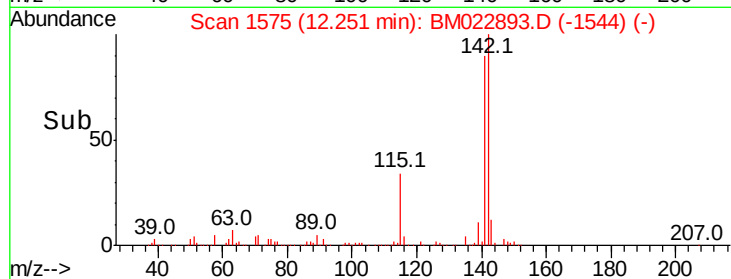
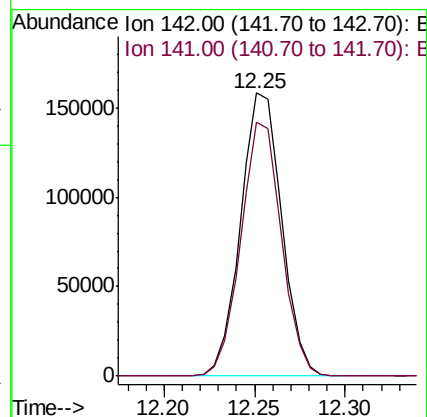
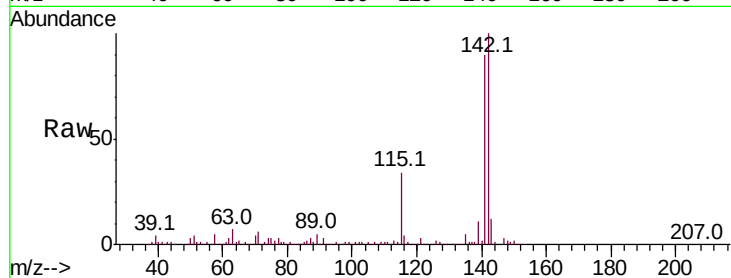




#34
 2-Methylnaphthalene
 Concen: 7.424 ng/ul
 RT: 12.25 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BM022893.D
 Acq: 02 Oct 2019 15:17

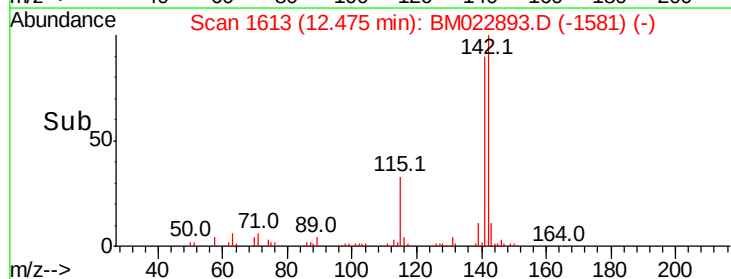
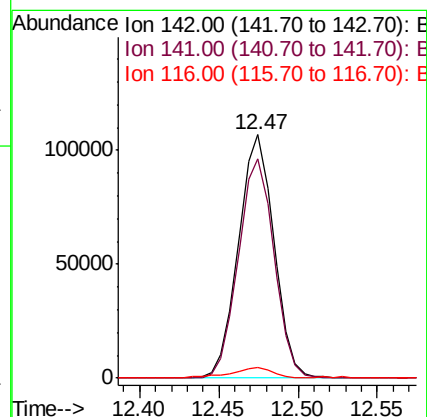
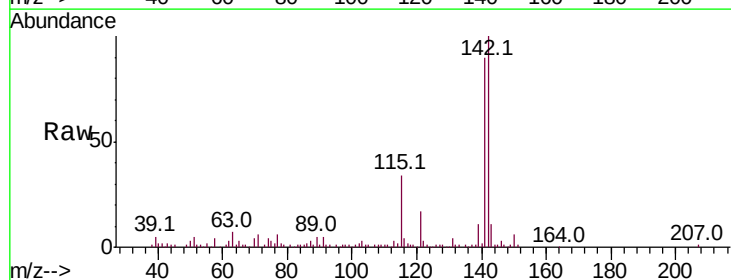
Instrument :
 BNA_M
 ClientSampleId :

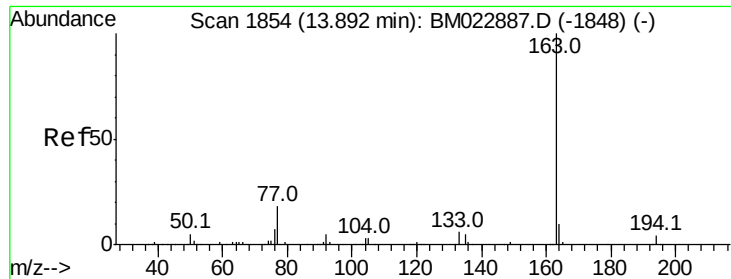
Tot Ion:142 Resp: 249673
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.2 106.8



#35
 1-Methylnaphthalene
 Concen: 5.169 ng/ul
 RT: 12.47 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BM022893.D
 Acq: 02 Oct 2019 15:17

Tgt Ion:142 Resp: 166041
 Ion Ratio Lower Upper
 142 100
 141 89.9 73.0 109.6
 116 4.3 2.9 4.3





#45

Dimethylphthalate

Concen: 14.718 ng/ul

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM022893.D

Acq: 02 Oct 2019 15:17

Instrument :

BNA_M

ClientSampleId :

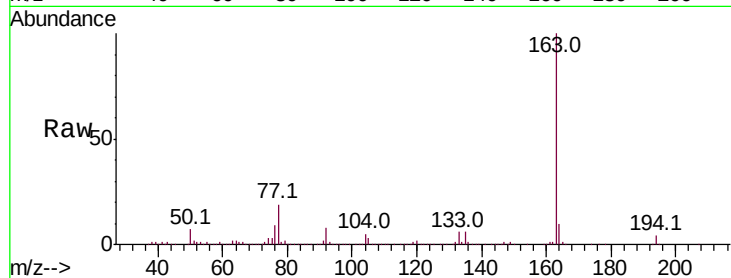
Tot Ion:163 Resp: 594147

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.1 8.1 12.1



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

