

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
 Data File : BM022877.D
 Acq On : 02 Oct 2019 05:34
 Operator : JU
 Sample : K4932-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 02 06:44:15 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	319949	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1391183	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.44	164	858071	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.17	188	1531502	20.00	ng/ul	-0.01
78) Chrysene-d12	21.35	240	1083221	20.00	ng/ul	-0.02
86) Perylene-d12	23.61	264	1188533	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	38408	5.19	ng/uL	0.00
5) Phenol-d5	6.97	99	183274	6.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	354820	22.93	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.34	132	445243	19.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	320130	13.83	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	260134	24.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	295654	25.22	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	504964	21.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	360610	12.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	1559122	23.41	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	1807062	23.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.62	143	7352	0.56	ng/ul	-0.02
58) Fluorene-d10	15.43	176	1275482	22.47	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	214922	21.56	ng/ul	-0.01
71) Anthracene-d10	17.27	188	1802077	24.10	ng/ul	-0.01
79) Pyrene-d10	19.57	212	1654044	28.37	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.47	264	1480990	24.09	ng/ul	-0.02

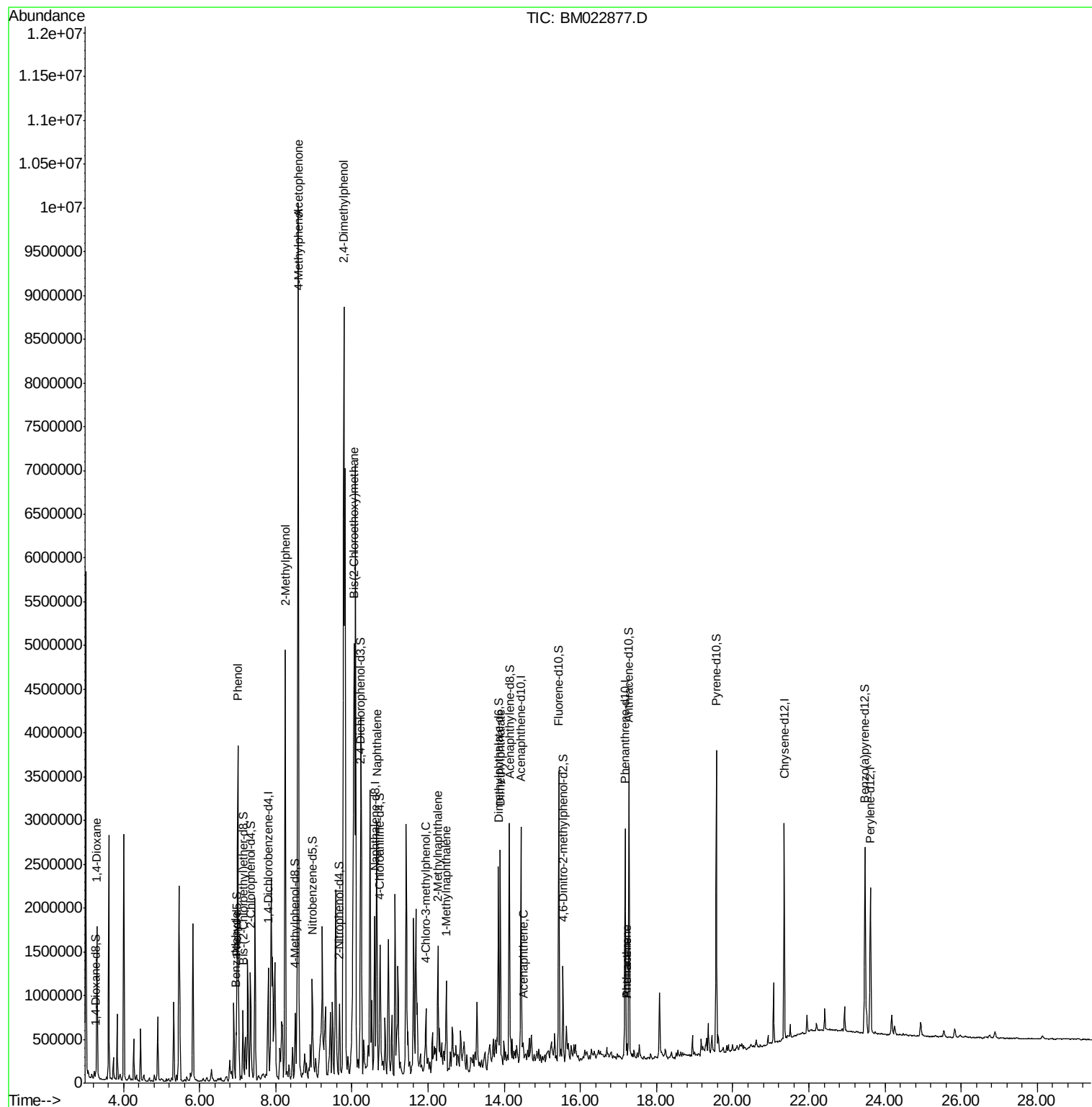
Target Compounds				Ovalue		
2) 1,4-Dioxane	3.30	88	8525	1.165	ng/uL#	1
4) Benzaldehyde	6.96	77	29367	2.292	ng/ul#	1
6) Phenol	7.00	94	2287235	77.179	ng/ul	100
11) 2-Methylphenol	8.25	108	1733474	75.893	ng/ul	100
14) Acetophenone	8.60	105	94904	2.682	ng/ul#	1
16) 4-Methylphenol	8.59	108	4652680	184.223	ng/ul	92
24) 2,4-Dimethylphenol	9.79	107	3970606	152.085	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.05	93	78277	2.486	ng/ul#	1
28) Naphthalene	10.65	128	2331112	31.027	ng/ul	99
33) 4-Chloro-3-methylphenol	11.94	107	172181	7.078	ng/ul#	16
34) 2-Methylnaphthalene	12.26	142	650864	11.554	ng/ul	99
35) 1-Methylnaphthalene	12.48	142	430822	8.008	ng/ul	100
45) Dimethylphthalate	13.90	163	1524305	22.282	ng/ul	100
50) Acenaphthene	14.50	153	75776	1.310	ng/ul	99
70) Phenanthrene	17.22	178	96597	1.057	ng/ul	98
72) Anthracene	17.22	178	96794	1.039	ng/ul	97

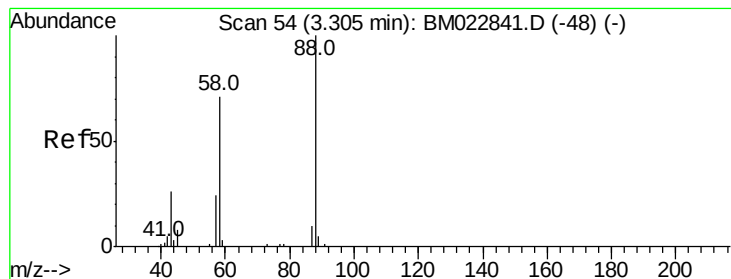
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022877.D
Acq On : 02 Oct 2019 05:34
Operator : JU
Sample : K4932-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 02 06:44:15 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





#2

1,4-Dioxane

Concen: 1.165 ng/uL

RT: 3.30 min Scan# 54

Delta R.T. 0.00 min

Lab File: BM022877.D

Acq: 02 Oct 2019 05:34

Instrument :

BNA_M

ClientSampleId :

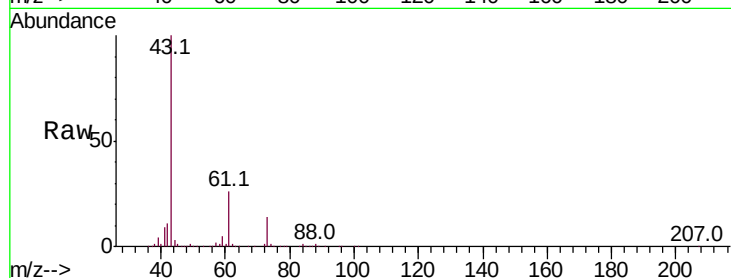
Tot Ion: 88 Resp: 8525

Ion Ratio Lower Upper

88 100

43 15951.2 25.3 37.9#

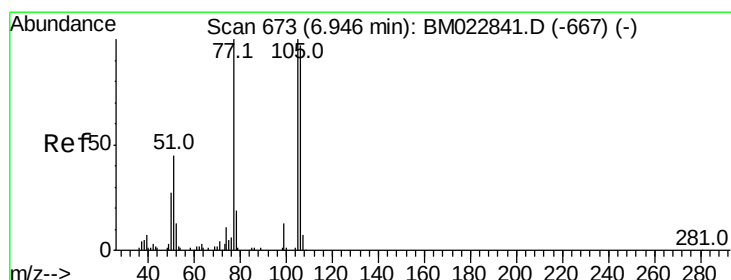
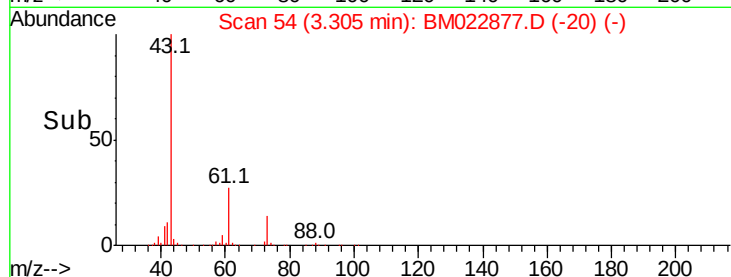
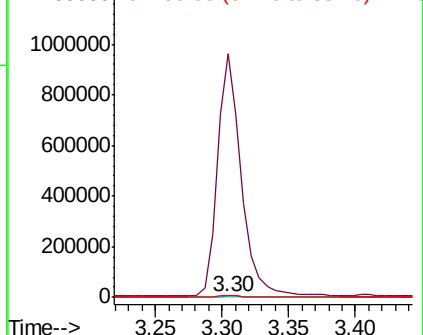
58 112.5 56.6 84.8#



Abundance Ion 88.00 (87.70 to 88.70): BM022841.D (-48) (-)

Ion 43.00 (42.70 to 43.70): BM022841.D (-48) (-)

Ion 58.00 (57.70 to 58.70): BM022841.D (-48) (-)



#4

Benzaldehyde

Concen: 2.292 ng/uL

RT: 6.96 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM022877.D

Acq: 02 Oct 2019 05:34

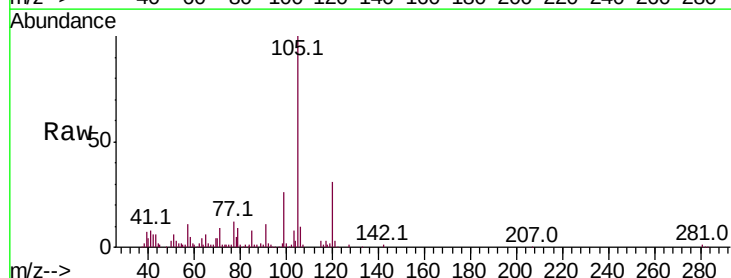
Tgt Ion: 77 Resp: 29367

Ion Ratio Lower Upper

77 100

105 824.0 80.6 120.8#

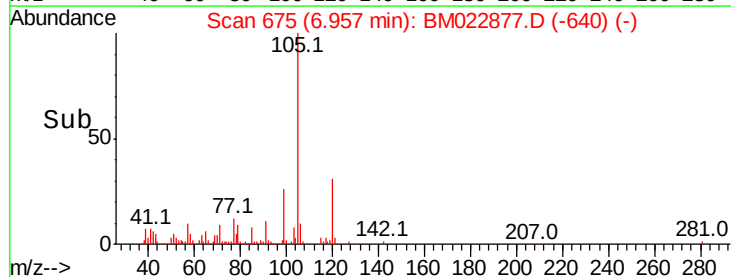
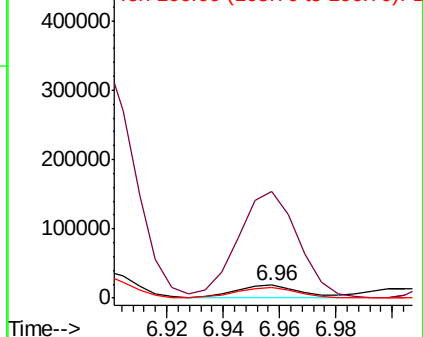
106 79.4 77.0 115.6

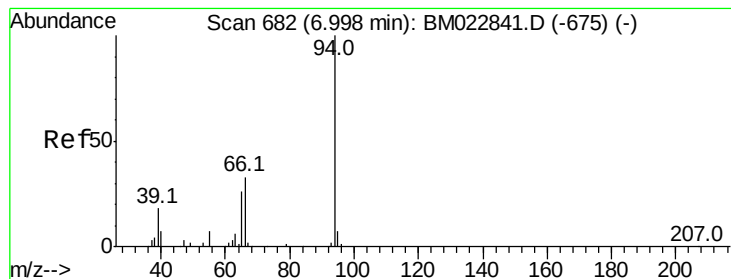


Abundance Ion 77.00 (76.70 to 77.70): BM022841.D (-667) (-)

Ion 105.00 (104.70 to 105.70): BM022841.D (-667) (-)

Ion 106.00 (105.70 to 106.70): BM022841.D (-667) (-)





#6

Phenol

Concen: 77.179 ng/ul

RT: 7.00 min Scan# 683

Delta R.T. -0.00 min

Lab File: BM022877.D

Acq: 02 Oct 2019 05:34

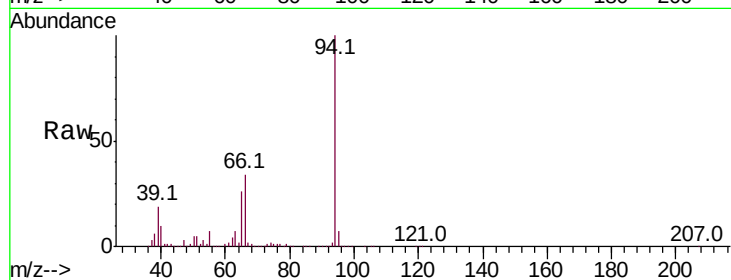
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 94 Resp: 2287235

Ion	Ratio	Lower	Upper
94	100		
65	26.4	20.9	31.3
66	33.9	27.2	40.8

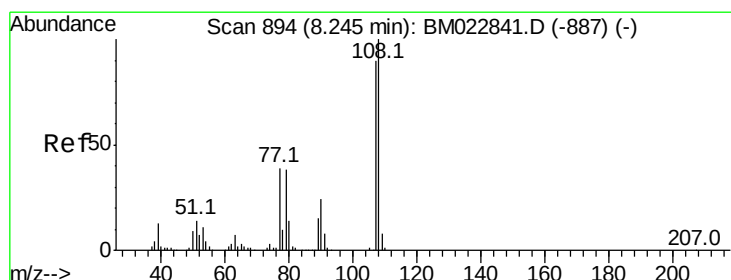
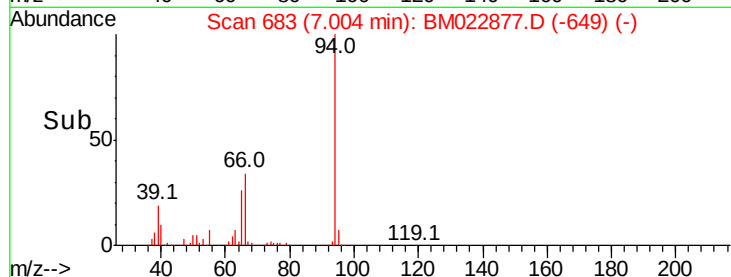
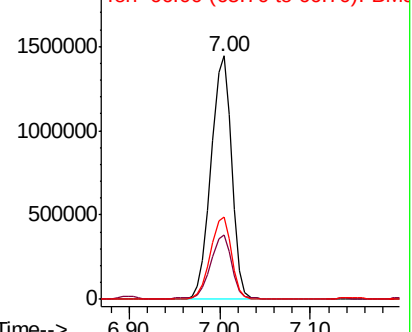


Abundance

Ion 94.00 (93.70 to 94.70): BM022841.D (-675) (-)

Ion 65.00 (64.70 to 65.70): BM022841.D (-675) (-)

Ion 66.00 (65.70 to 66.70): BM022841.D (-675) (-)



#11

2-Methylphenol

Concen: 75.893 ng/ul

RT: 8.25 min Scan# 895

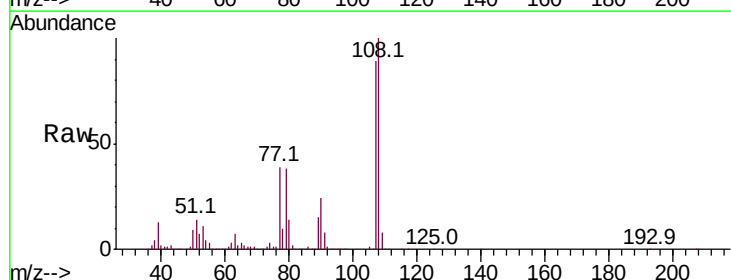
Delta R.T. -0.00 min

Lab File: BM022877.D

Acq: 02 Oct 2019 05:34

Tgt Ion: 108 Resp: 1733474

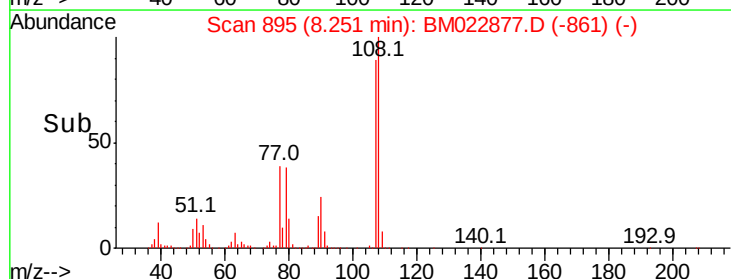
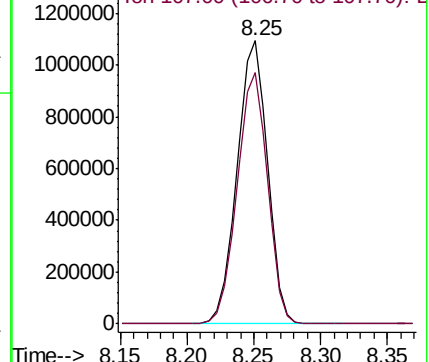
Ion	Ratio	Lower	Upper
108	100		
107	88.7	71.0	106.4

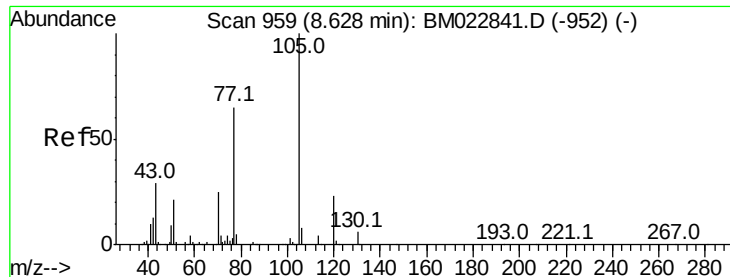


Abundance

Ion 108.00 (107.70 to 108.70): BM022841.D (-887) (-)

Ion 107.00 (106.70 to 107.70): BM022841.D (-887) (-)





#14

Acetophenone

Concen: 2.682 ng/ul

RT: 8.60 min Scan# 955

Delta R.T. -0.03 min

Lab File: BM022877.D

Acq: 02 Oct 2019 05:34

Instrument :

BNA_M

ClientSampleId :

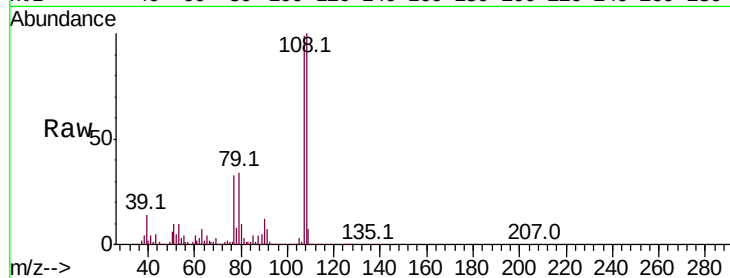
Tot Ion:105 Resp: 94904

Ion Ratio Lower Upper

105 100

77 1164.1 59.4 89.0#

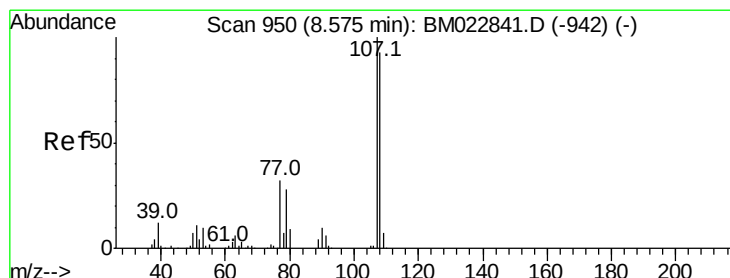
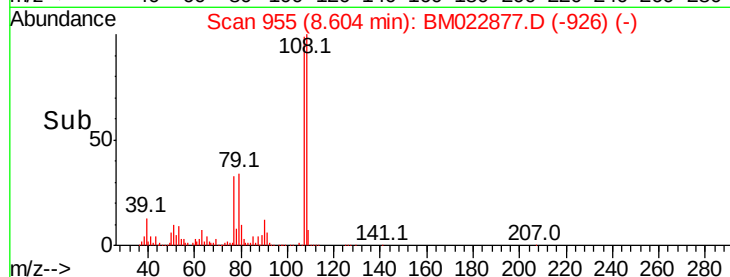
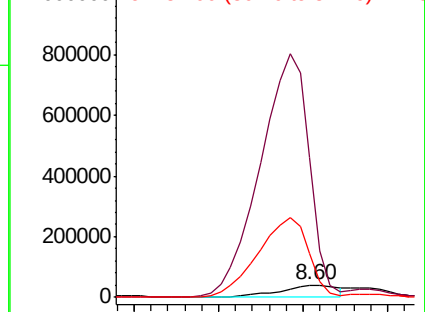
51 367.2 19.4 29.0#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#16

4-Methylphenol

Concen: 184.223 ng/ul

RT: 8.59 min Scan# 953

Delta R.T. 0.01 min

Lab File: BM022877.D

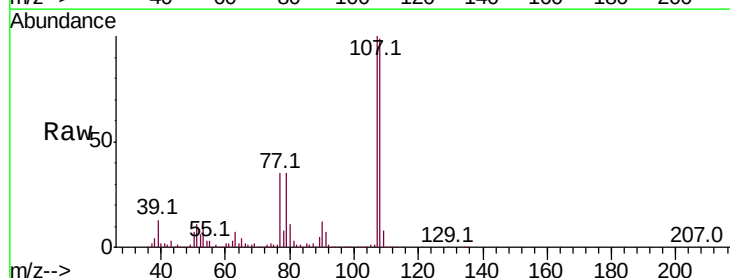
Acq: 02 Oct 2019 05:34

Tgt Ion:108 Resp: 4652680

Ion Ratio Lower Upper

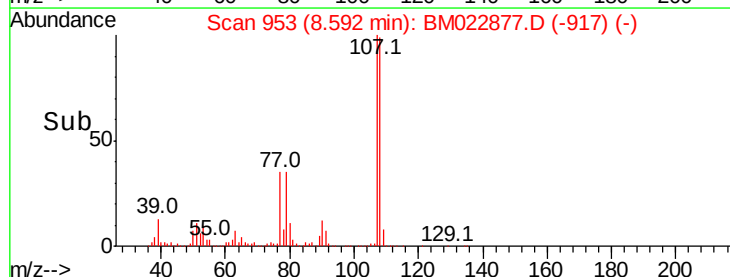
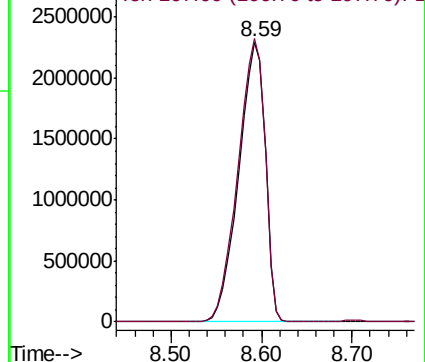
108 100

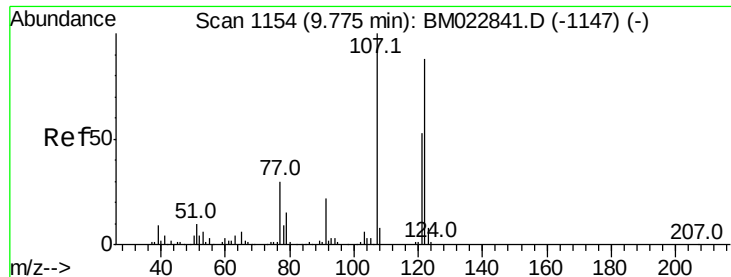
107 101.0 87.9 131.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#24

2,4-Dimethylphenol

Concen: 152.085 ng/ul

RT: 9.79 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BM022877.D

Acq: 02 Oct 2019 05:34

Instrument :

BNA_M

ClientSampled :

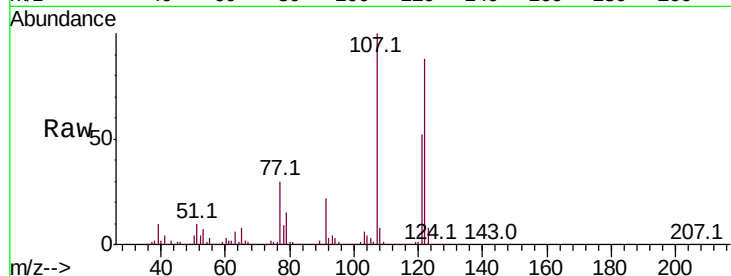
Tot Ion:107 Resp: 3970606

Ion Ratio Lower Upper

107 100

121 52.1 43.0 64.4

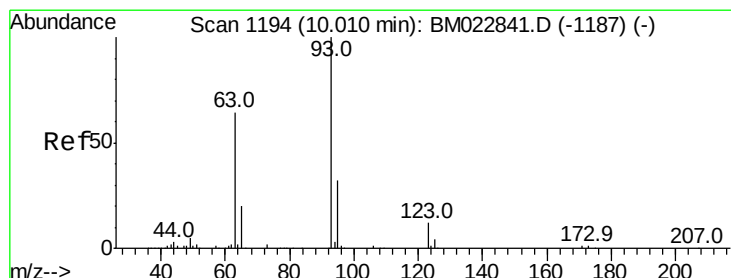
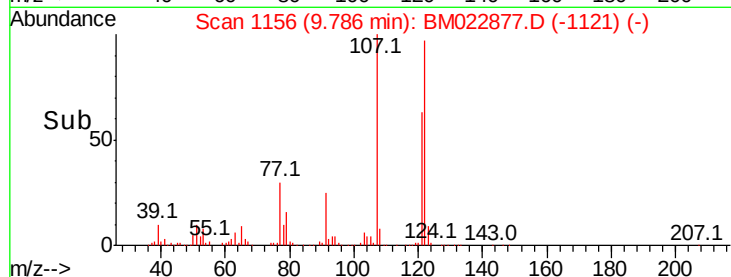
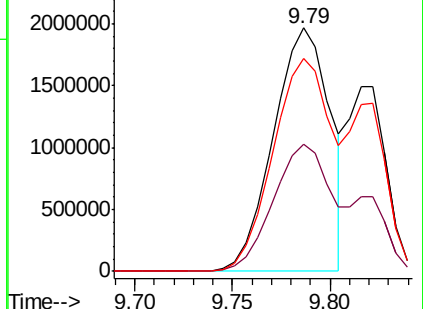
122 87.6 71.4 107.0



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



#25

Bis(2-Chloroethoxy)methane

Concen: 2.486 ng/ul

RT: 10.05 min Scan# 1201

Delta R.T. 0.04 min

Lab File: BM022877.D

Acq: 02 Oct 2019 05:34

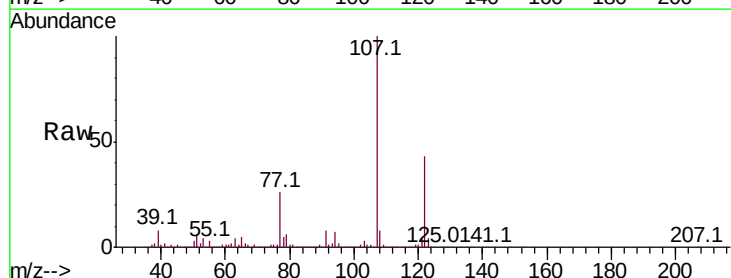
Tgt Ion: 93 Resp: 78277

Ion Ratio Lower Upper

93 100

95 94.0 25.7 38.5#

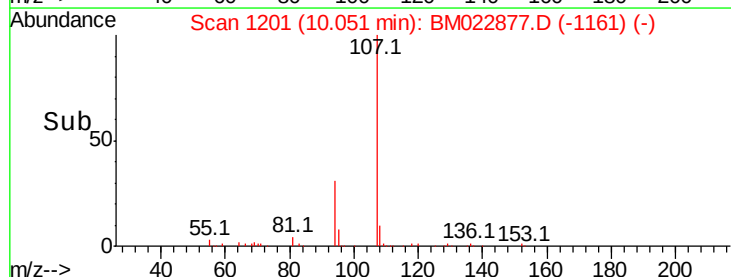
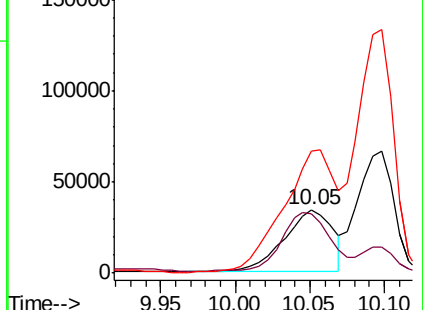
123 192.0 9.4 14.0#

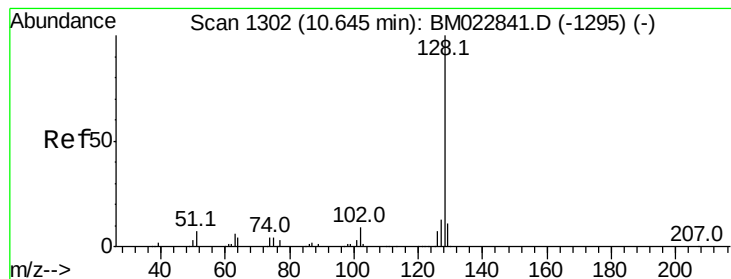


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#28

Naphthalene

Concen: 31.027 ng/ul

RT: 10.65 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BM022877.D

Acq: 02 Oct 2019 05:34

Instrument :

BNA_M

ClientSampleId :

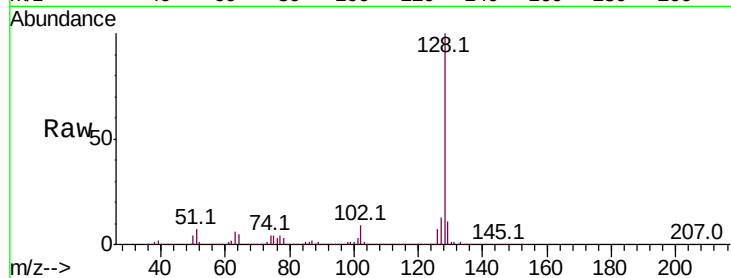
Tot Ion:128 Resp: 2331112

Ion Ratio Lower Upper

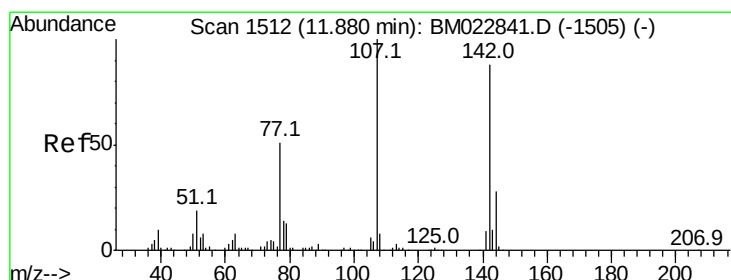
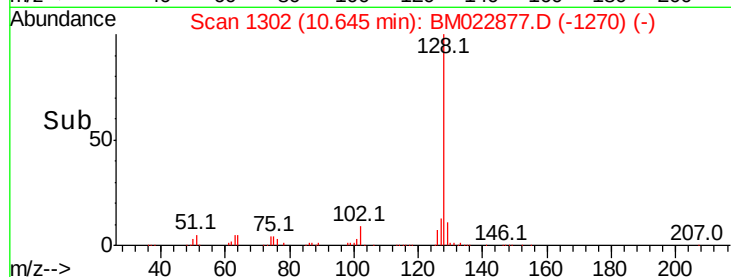
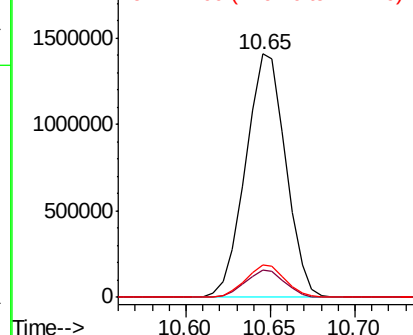
128 100

129 11.3 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



#33

4-Chloro-3-methylphenol

Concen: 7.078 ng/ul

RT: 11.94 min Scan# 1522

Delta R.T. 0.05 min

Lab File: BM022877.D

Acq: 02 Oct 2019 05:34

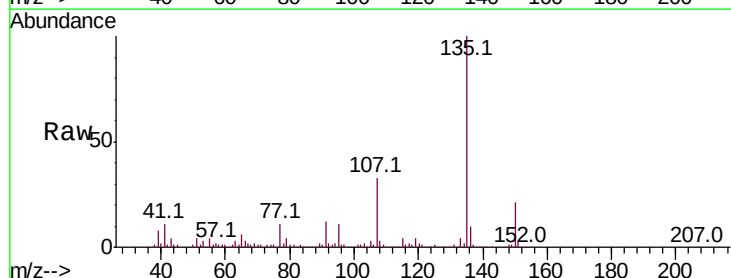
Tgt Ion:107 Resp: 172181

Ion Ratio Lower Upper

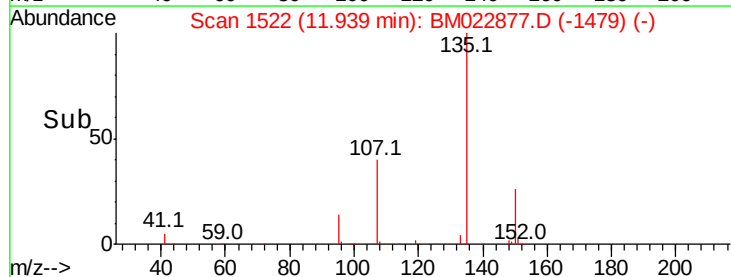
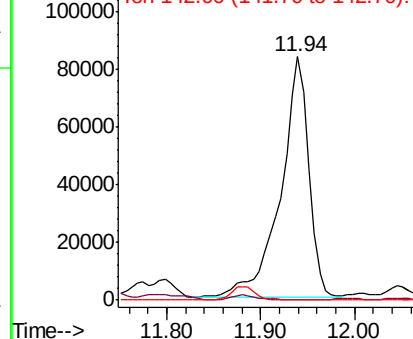
107 100

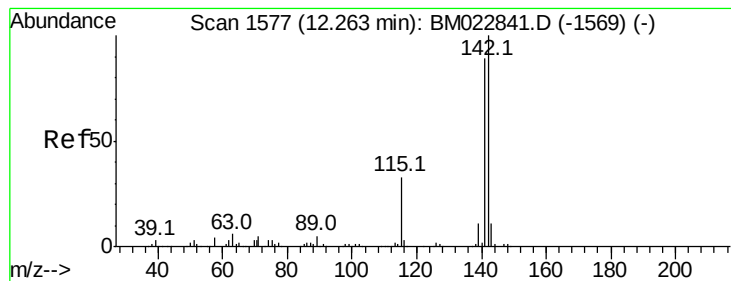
144 0.0 22.5 33.7#

142 0.0 68.9 103.3#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 11.554 ng/ul

RT: 12.26 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BM022877.D

Acq: 02 Oct 2019 05:34

Instrument :

BNA_M

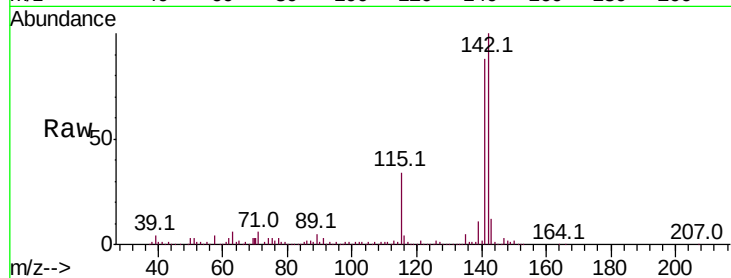
ClientSampleId :

Tot Ion:142 Resp: 650864

Ion Ratio Lower Upper

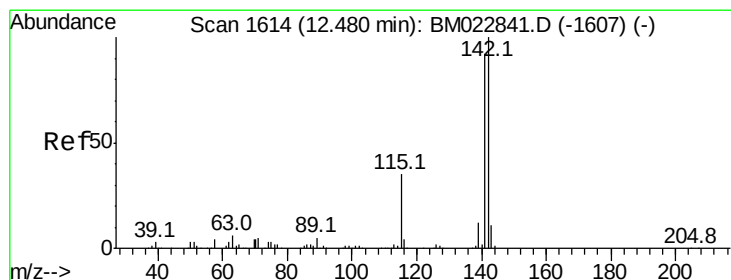
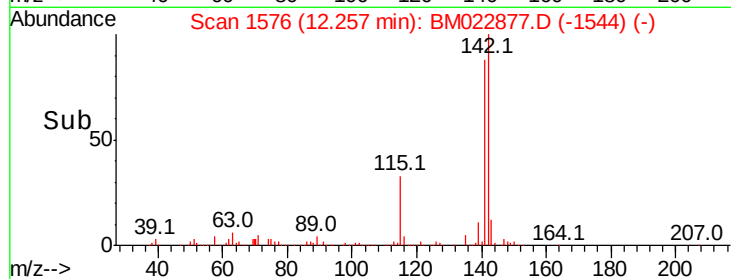
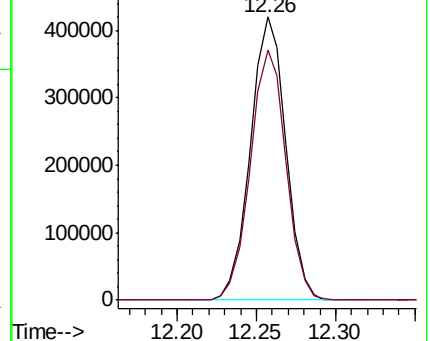
142 100

141 88.4 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 8.008 ng/ul

RT: 12.48 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BM022877.D

Acq: 02 Oct 2019 05:34

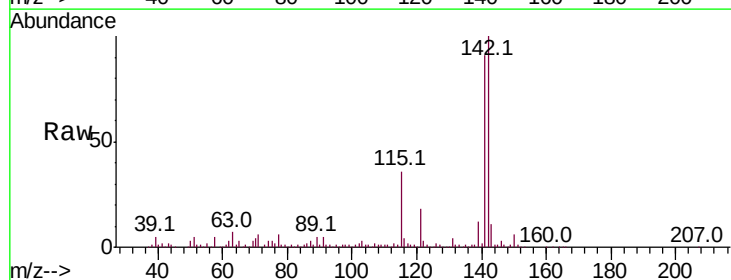
Tgt Ion:142 Resp: 430822

Ion Ratio Lower Upper

142 100

141 91.2 73.0 109.6

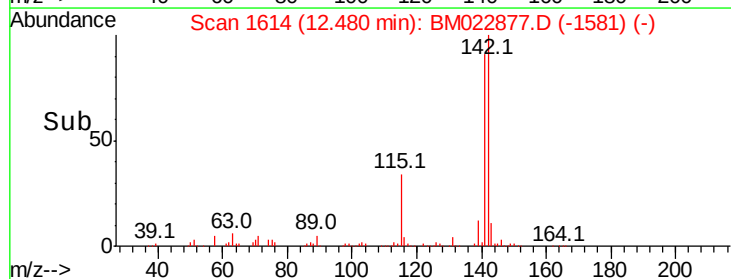
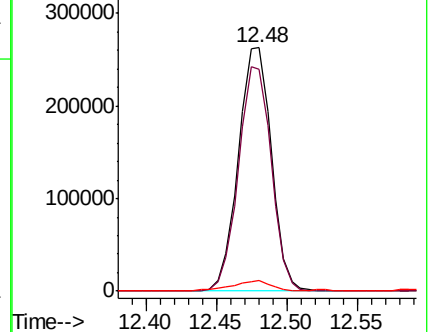
116 4.3 2.9 4.3

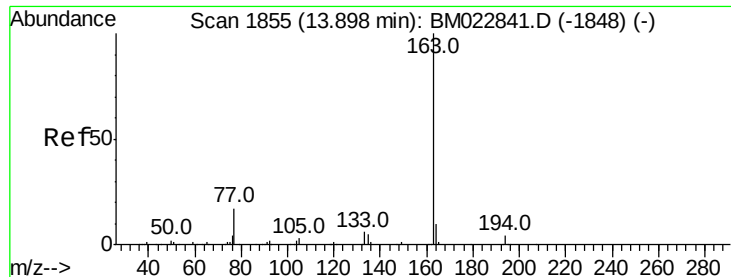


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#45

Dimethylphthalate

Concen: 22.282 ng/ul

RT: 13.90 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM022877.D

Acq: 02 Oct 2019 05:34

Instrument :

BNA_M

ClientSampleId :

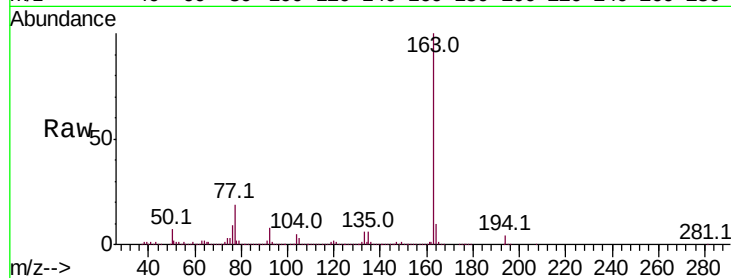
Tot Ion:163 Resp: 1524305

Ion Ratio Lower Upper

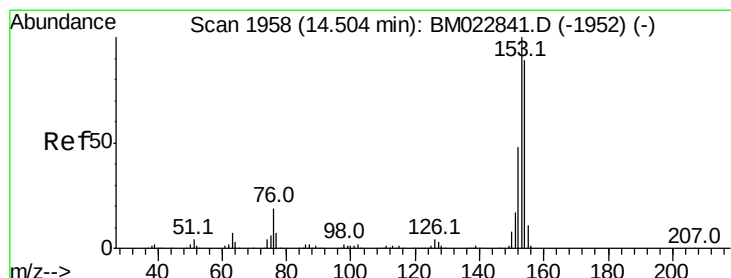
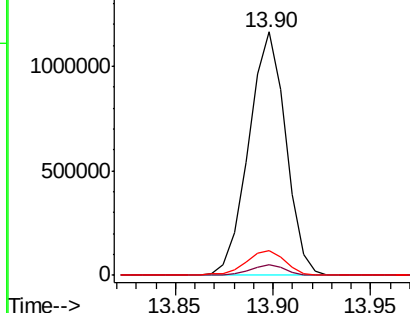
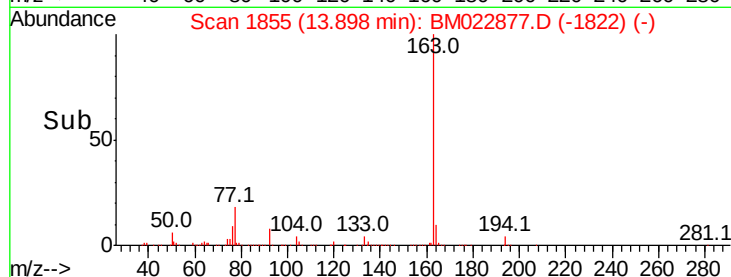
163 100

194 4.2 3.4 5.0

164 10.3 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



#50

Acenaphthene

Concen: 1.310 ng/ul

RT: 14.50 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BM022877.D

Acq: 02 Oct 2019 05:34

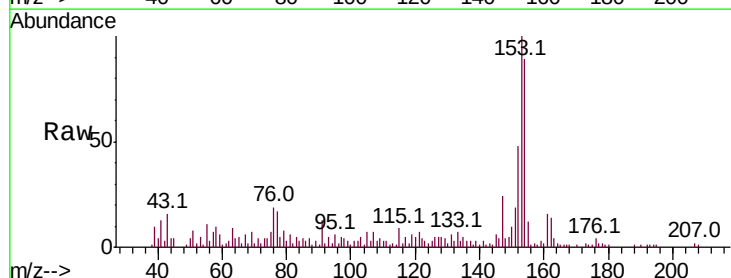
Tgt Ion:153 Resp: 75776

Ion Ratio Lower Upper

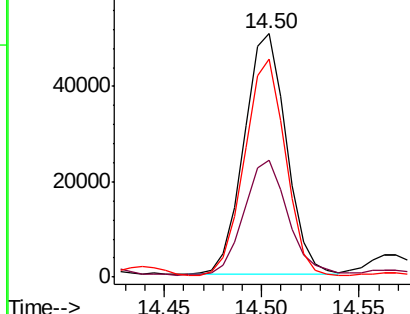
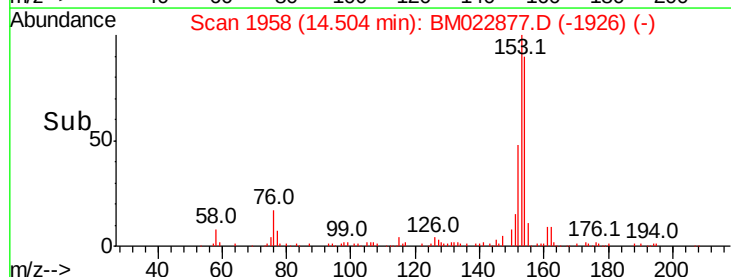
153 100

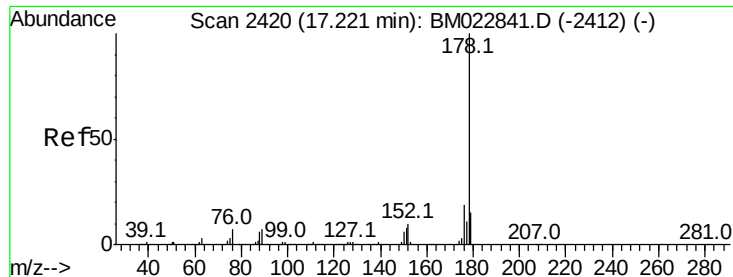
152 48.2 38.1 57.1

154 89.4 71.1 106.7



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#70

Phenanthrene

Concen: 1.057 ng/ul

RT: 17.22 min Scan# 2420

Delta R.T. -0.01 min

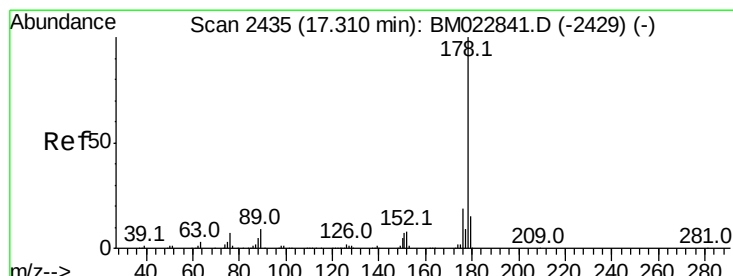
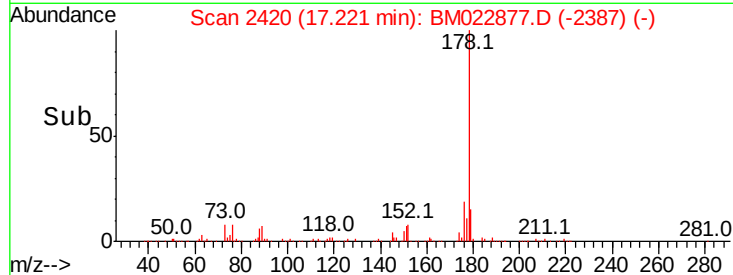
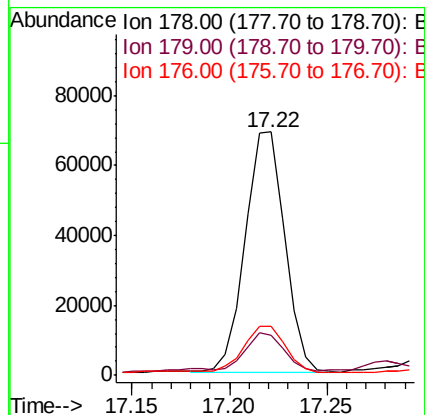
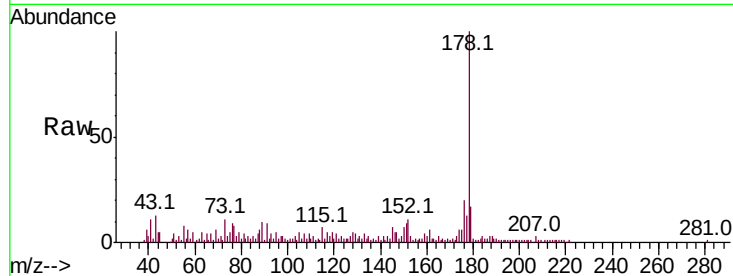
Lab File: BM022877.D

Acq: 02 Oct 2019 05:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 96597

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.4	18.6
176	19.9	15.3	22.9



#72

Anthracene

Concen: 1.039 ng/ul

RT: 17.22 min Scan# 2420

Delta R.T. -0.10 min

Lab File: BM022877.D

Acq: 02 Oct 2019 05:34

Tgt Ion:178 Resp: 96794

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.4	18.6
176	19.9	15.0	22.6

