

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
 Data File : BM022879.D
 Acq On : 02 Oct 2019 06:47
 Operator : JU
 Sample : K4932-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDK0

Quant Time: Oct 02 07:20:45 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	310999	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.59	136	1427829	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.44	164	882817	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.17	188	1664364	20.00	ng/ul	-0.01
78) Chrysene-d12	21.36	240	1181347	20.00	ng/ul	-0.01
86) Perylene-d12	23.61	264	1199307	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	36633	5.09	ng/uL	0.00
5) Phenol-d5	6.97	99	192776	7.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	357868	23.80	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	451881	20.42	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	335630	14.92	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	267676	24.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	297636	24.74	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	571243	23.84	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.72	131	314860	10.82	ng/ul	-0.01
44) Dimethylphthalate-d6	13.85	166	1832266	26.74	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	1966578	24.86	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.64	143	85980	6.35	ng/ul	0.00
58) Fluorene-d10	15.43	176	1484366	25.42	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	266267	24.58	ng/ul	-0.01
71) Anthracene-d10	17.27	188	2301879	28.32	ng/ul	-0.01
79) Pyrene-d10	19.57	212	2243867	35.29	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.47	264	1809269	29.16	ng/ul	-0.02

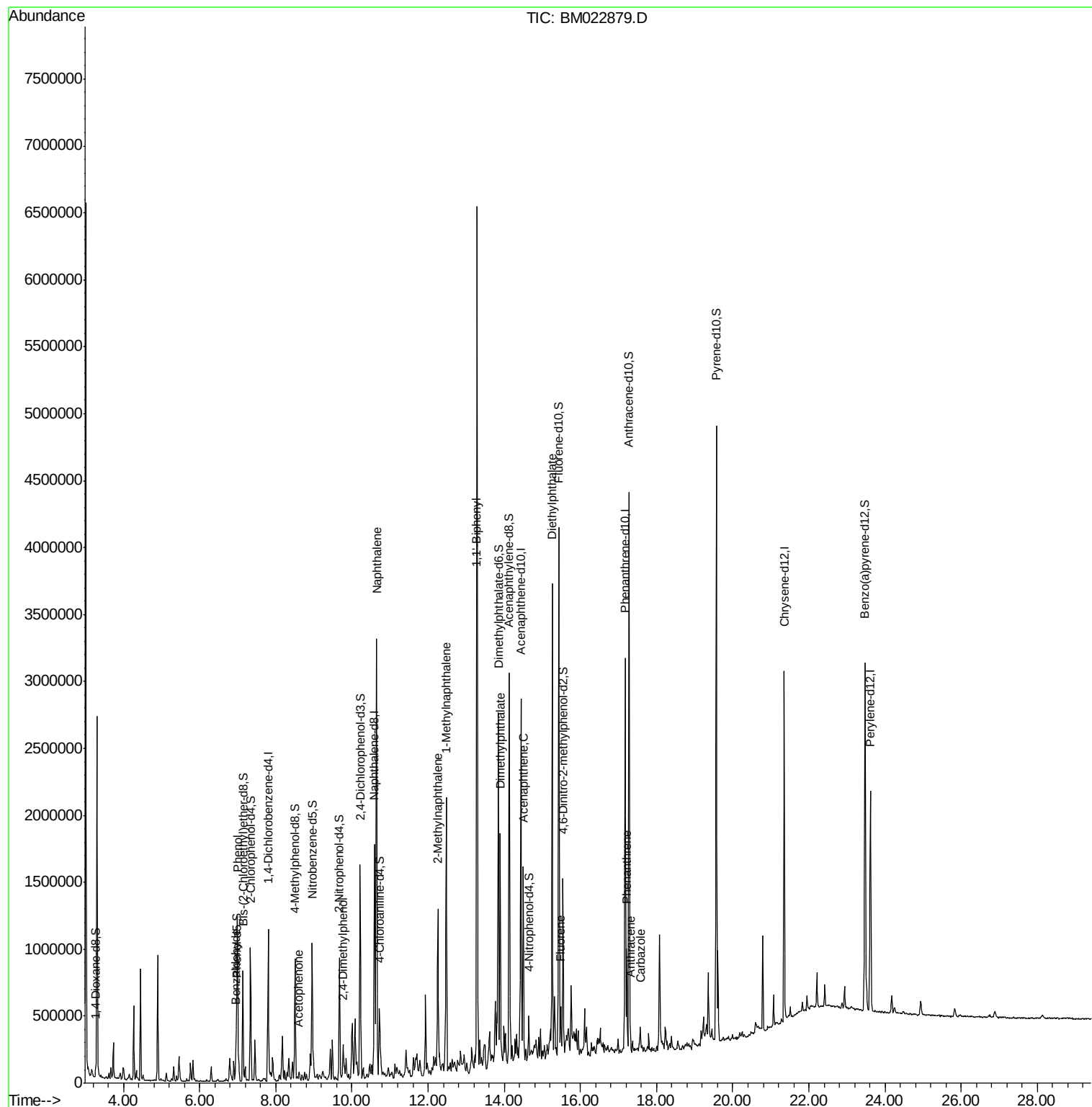
Target Compounds				Ovalue	
4) Benzaldehyde	6.95	77	40663	3.265	ng/ul# 58
6) Phenol	7.00	94	709196	24.619	ng/ul 100
14) Acetophenone	8.61	105	50329	1.463	ng/ul# 51
24) 2,4-Dimethylphenol	9.77	107	101413	3.785	ng/ul 99
28) Naphthalene	10.65	128	2531501	32.829	ng/ul 99
34) 2-Methylnaphthalene	12.26	142	580065	10.033	ng/ul 98
35) 1-Methylnaphthalene	12.47	142	954580	17.287	ng/ul 100
41) 1,1'-Biophenyl	13.27	154	77512	1.072	ng/ul# 98
45) Dimethylphthalate	13.90	163	1144376	16.259	ng/ul 100
50) Acenaphthene	14.50	153	583687	9.811	ng/ul 99
57) Diethylphthalate	15.26	149	2014537	28.509	ng/ul 99
59) Fluorene	15.48	166	165339	2.408	ng/ul 98
70) Phenanthrene	17.22	178	425470	4.283	ng/ul 100
72) Anthracene	17.31	178	118309	1.169	ng/ul 98
75) Carbazole	17.57	167	98460	1.095	ng/ul 97

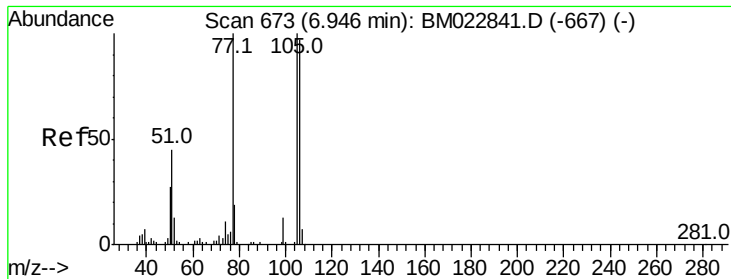
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 3.265 ng/ul

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM022879.D

Acq: 02 Oct 2019 06:47

Instrument :

BNA_M

ClientSampleId :

BFDK0

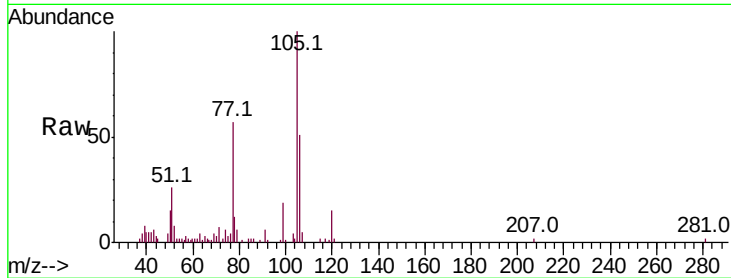
Tot Ion: 77 Resp: 40663

Ion Ratio Lower Upper

77 100

105 176.6 80.6 120.8#

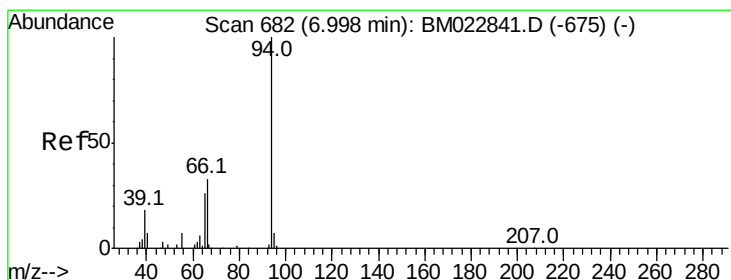
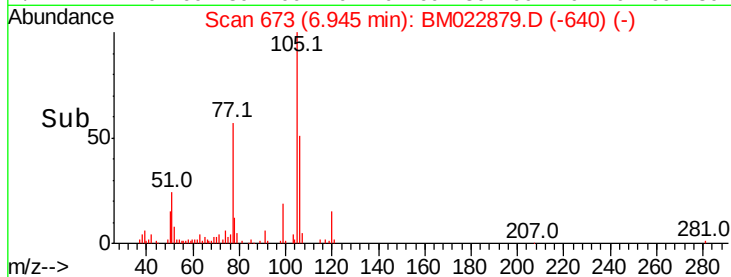
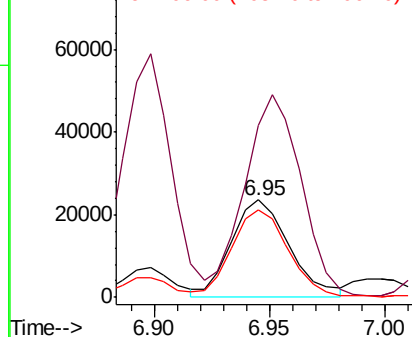
106 90.3 77.0 115.6



Abundance Ion 77.00 (76.70 to 77.70): BM022879.D (-640) (-)

Ion 105.00 (104.70 to 105.70): BM022879.D (-640) (-)

Ion 106.00 (105.70 to 106.70): BM022879.D (-640) (-)



#6

Phenol

Concen: 24.619 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM022879.D

Acq: 02 Oct 2019 06:47

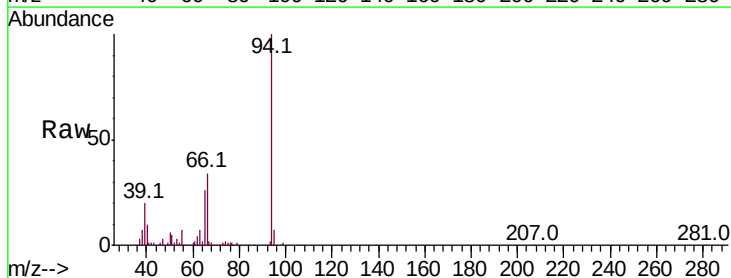
Tgt Ion: 94 Resp: 709196

Ion Ratio Lower Upper

94 100

65 26.4 20.9 31.3

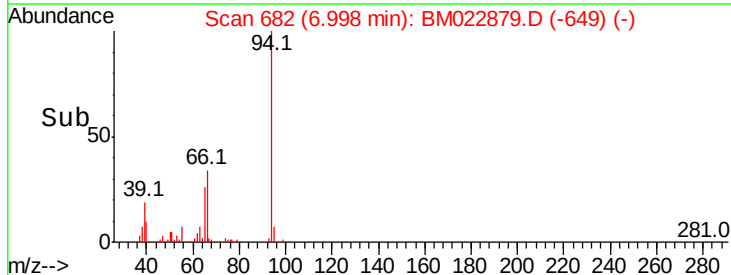
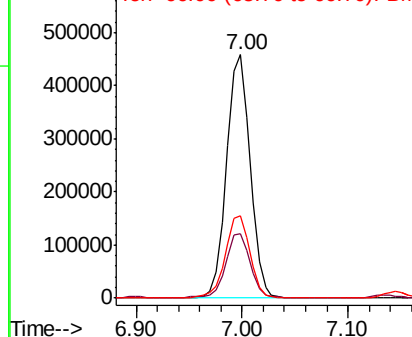
66 33.8 27.2 40.8

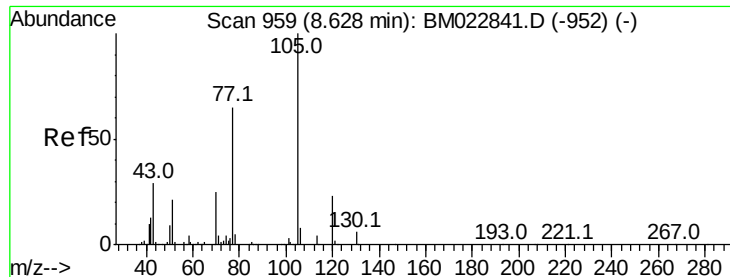


Abundance Ion 94.00 (93.70 to 94.70): BM022879.D (-649) (-)

Ion 65.00 (64.70 to 65.70): BM022879.D (-649) (-)

Ion 66.00 (65.70 to 66.70): BM022879.D (-649) (-)





#14

Acetophenone

Concen: 1.463 ng/ul

RT: 8.61 min Scan# 956

Delta R.T. -0.02 min

Lab File: BM022879.D

Acq: 02 Oct 2019 06:47

Instrument :

BNA_M

ClientSampleId :

BFDK0

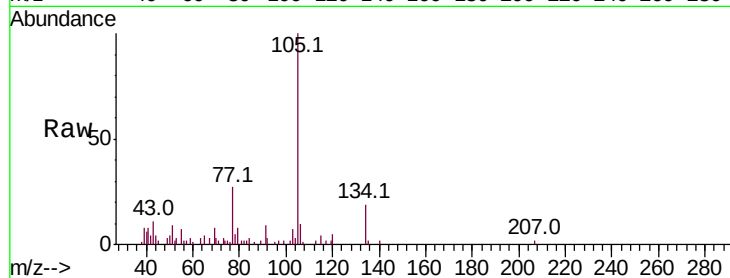
Tot Ion:105 Resp: 50329

Ion Ratio Lower Upper

105 100

77 27.1 59.4 89.0#

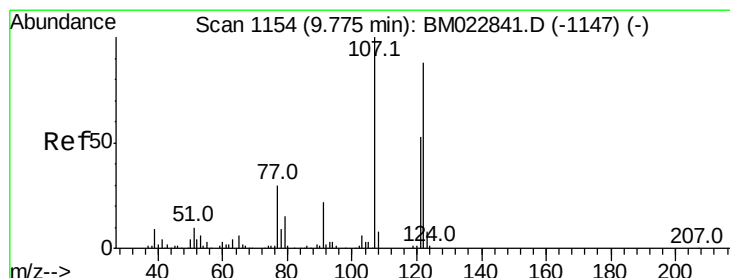
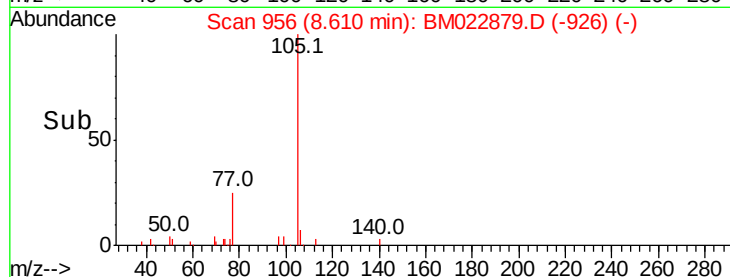
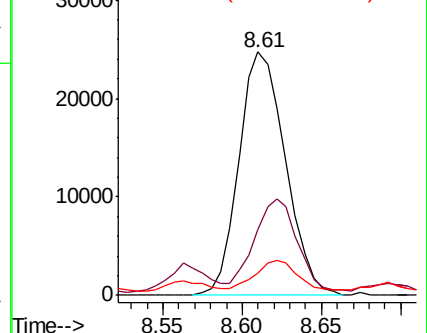
51 9.1 19.4 29.0#



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



#24

2,4-Dimethylphenol

Concen: 3.785 ng/ul

RT: 9.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BM022879.D

Acq: 02 Oct 2019 06:47

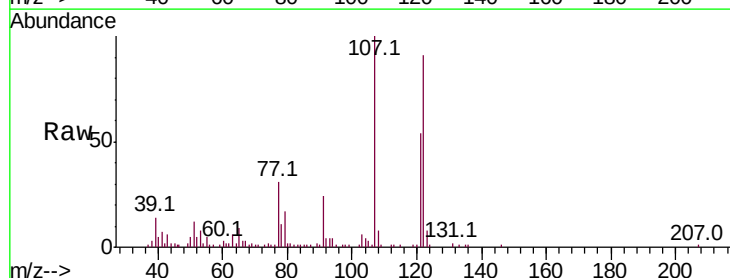
Tgt Ion:107 Resp: 101413

Ion Ratio Lower Upper

107 100

121 54.2 43.0 64.4

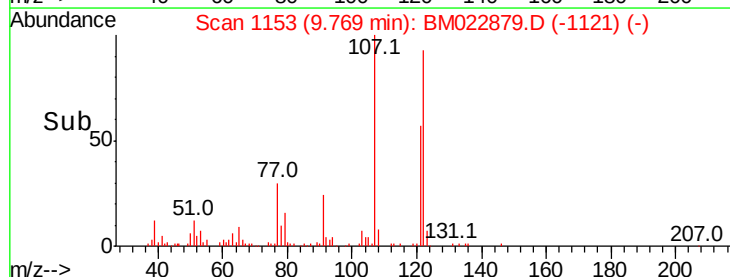
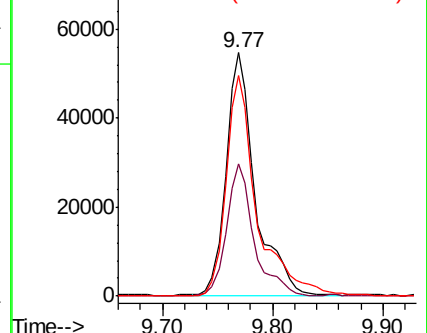
122 90.7 71.4 107.0

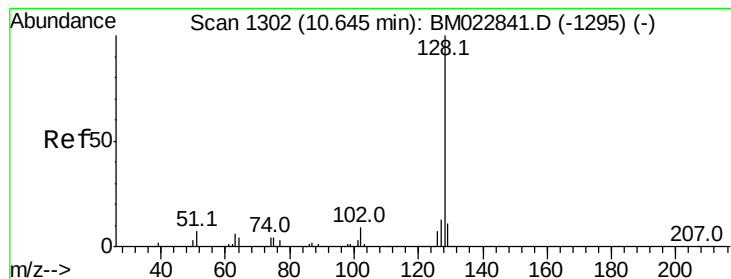


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Naphthalene

Concen: 32.829 ng/ul

RT: 10.65 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BM022879.D

Acq: 02 Oct 2019 06:47

Instrument :

BNA_M

ClientSampleId :

BFDK0

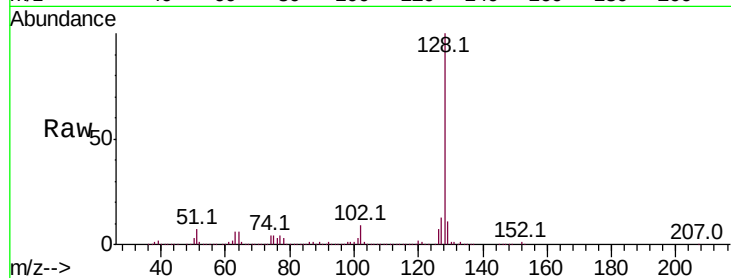
Tot Ion:128 Resp: 2531501

Ion Ratio Lower Upper

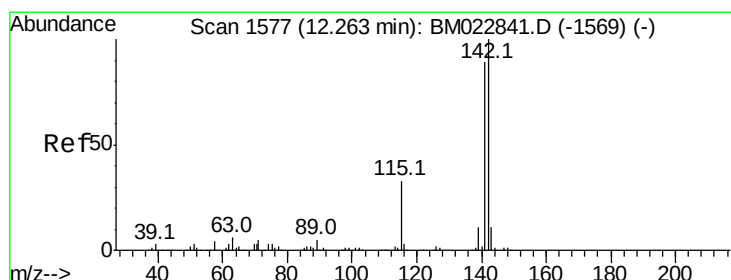
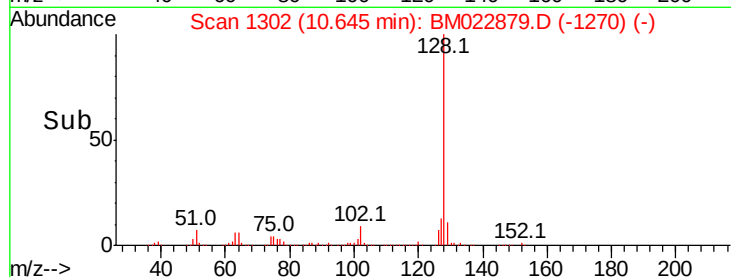
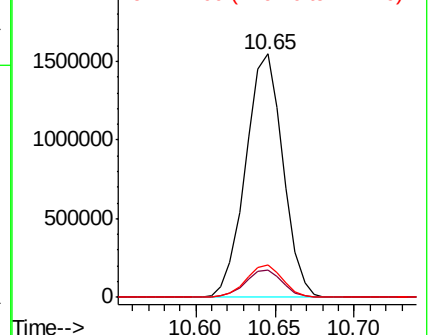
128 100

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: 10.033 ng/ul

RT: 12.26 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BM022879.D

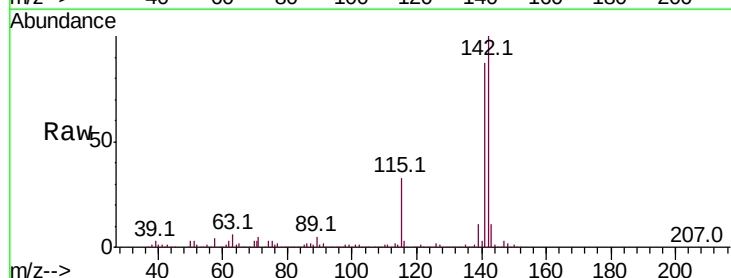
Acq: 02 Oct 2019 06:47

Tgt Ion:142 Resp: 580065

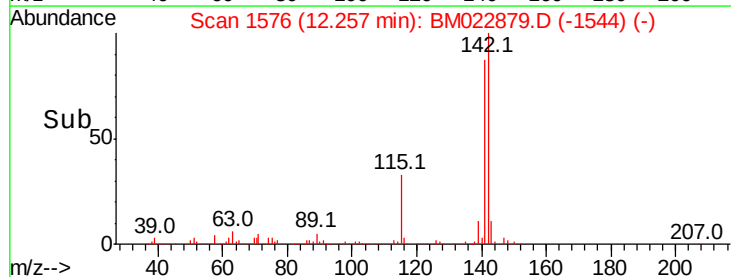
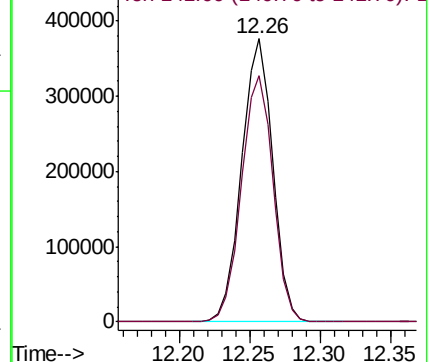
Ion Ratio Lower Upper

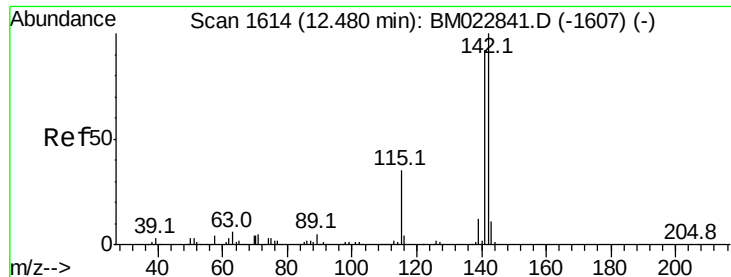
142 100

141 87.1 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

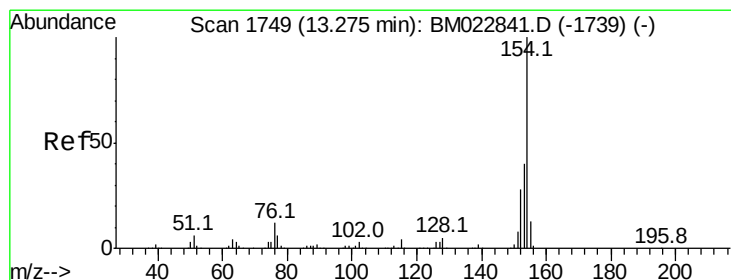
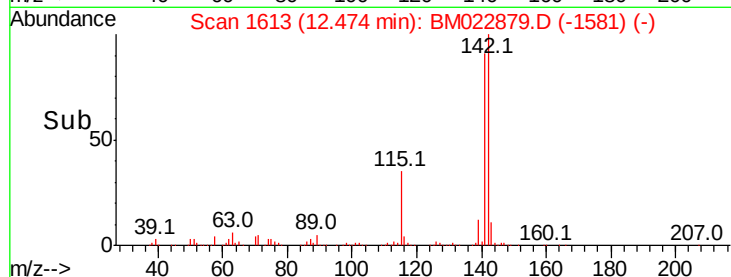
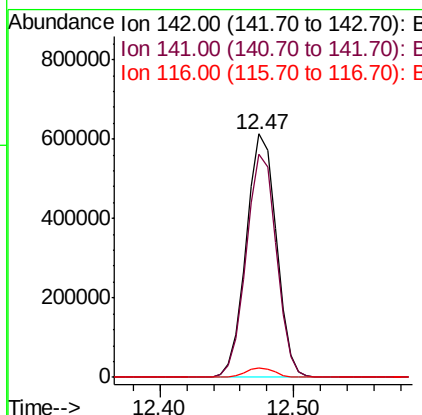
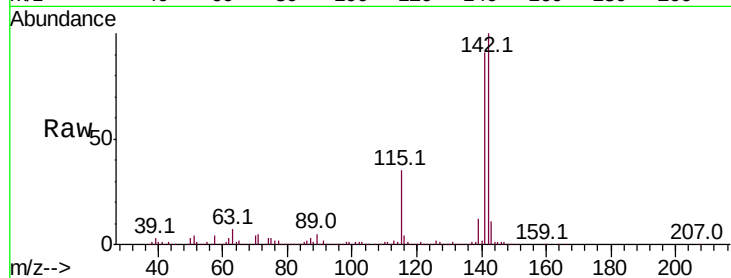




#35
 1-Methylnaphthalene
 Concen: 17.287 ng/ul
 RT: 12.47 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BM022879.D
 Acq: 02 Oct 2019 06:47

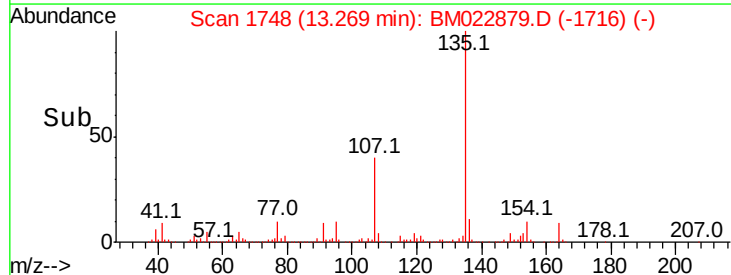
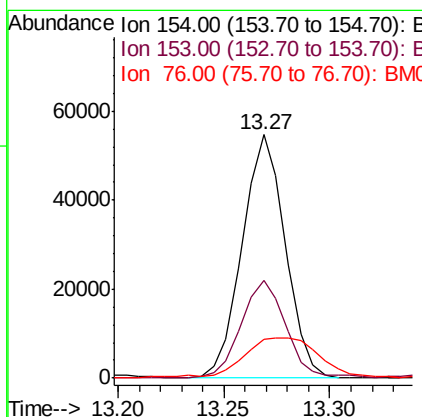
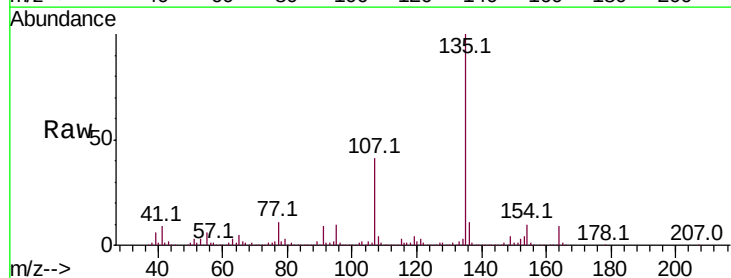
Instrument :
 BNA_M
 ClientSampleId :
 BFDK0

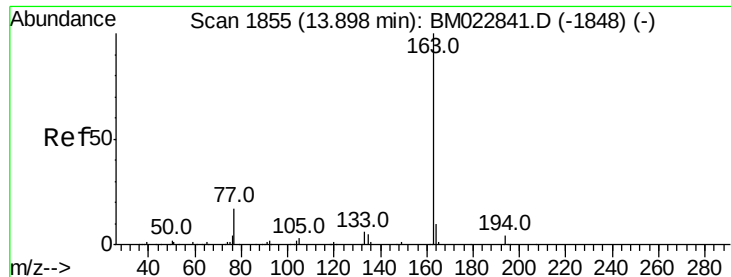
Tot Ion:142 Resp: 954580
 Ion Ratio Lower Upper
 142 100
 141 91.4 73.0 109.6
 116 3.8 2.9 4.3



#41
 1,1'-Biphenyl
 Concen: 1.072 ng/ul
 RT: 13.27 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BM022879.D
 Acq: 02 Oct 2019 06:47

Tgt Ion:154 Resp: 77512
 Ion Ratio Lower Upper
 154 100
 153 39.9 31.8 47.6
 76 15.8 9.6 14.4#





#45

Dimethylphthalate

Concen: 16.259 ng/ul

RT: 13.90 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM022879.D

Acq: 02 Oct 2019 06:47

Instrument :

BNA_M

ClientSampleId :

BFDK0

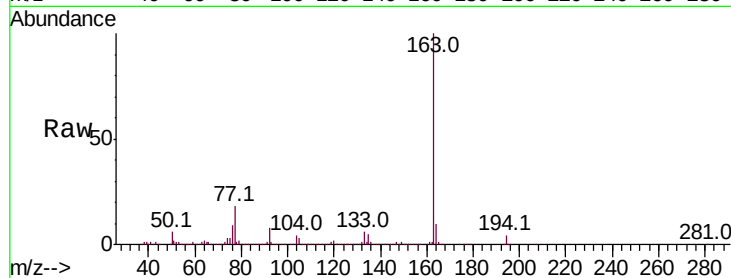
Tot Ion:163 Resp: 1144376

Ion Ratio Lower Upper

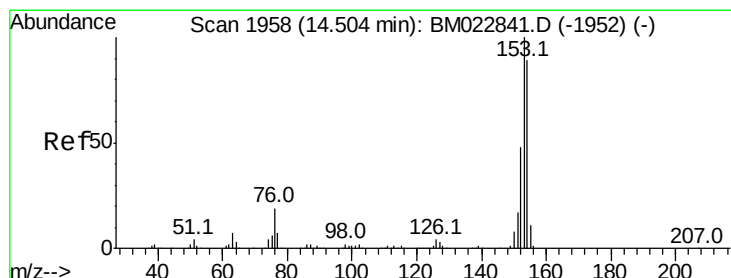
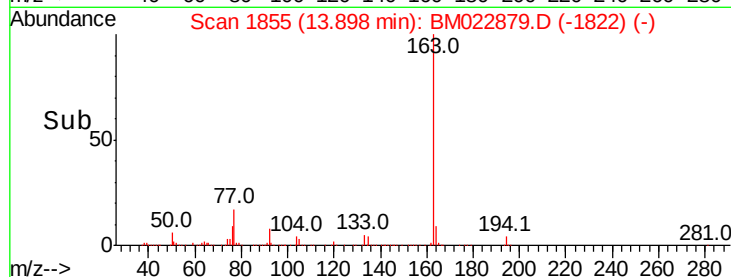
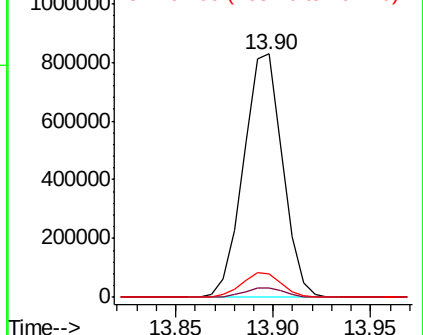
163 100

194 4.1 3.4 5.0

164 9.9 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: 9.811 ng/ul

RT: 14.50 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BM022879.D

Acq: 02 Oct 2019 06:47

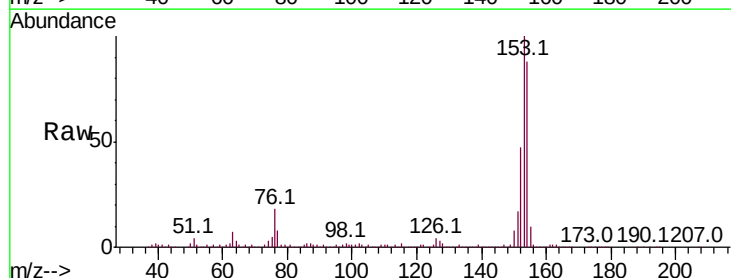
Tgt Ion:153 Resp: 583687

Ion Ratio Lower Upper

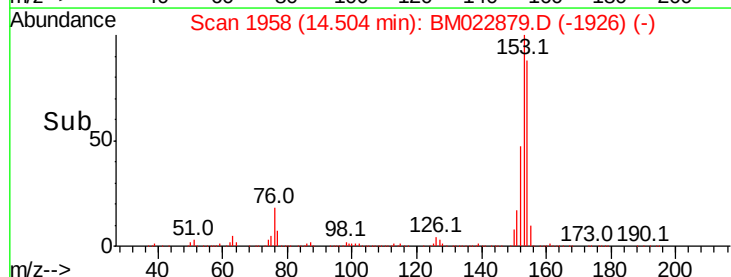
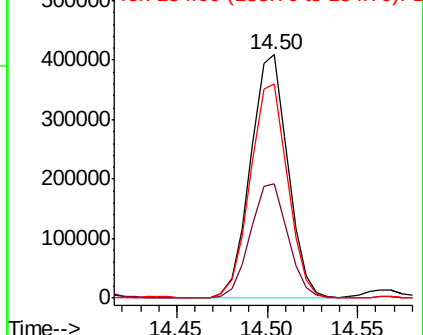
153 100

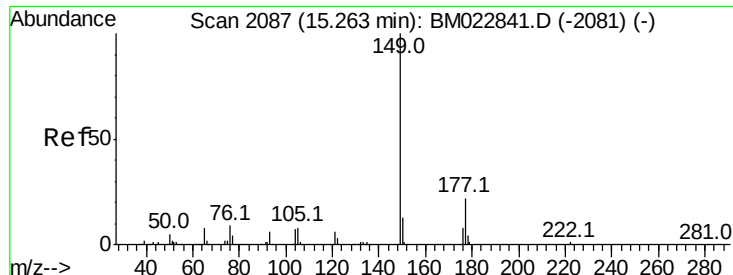
152 47.1 38.1 57.1

154 87.9 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

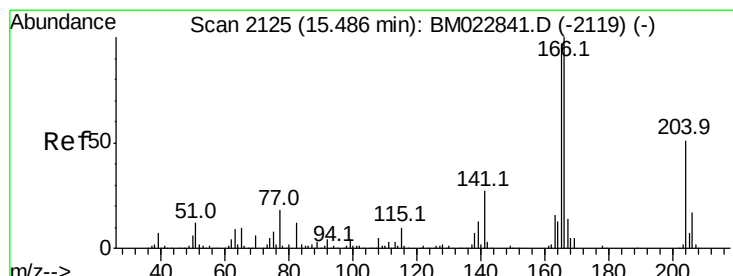
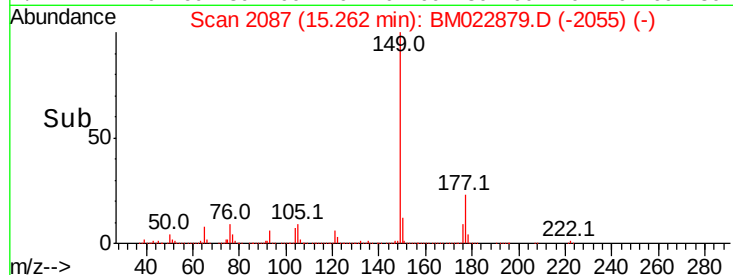
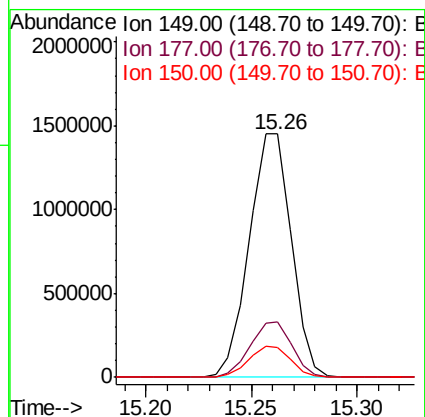
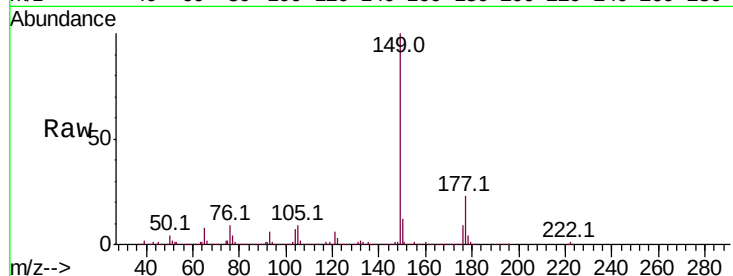




#57
Diethylphthalate
Concen: 28.509 ng/ul
RT: 15.26 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BM022879.D
Acq: 02 Oct 2019 06:47

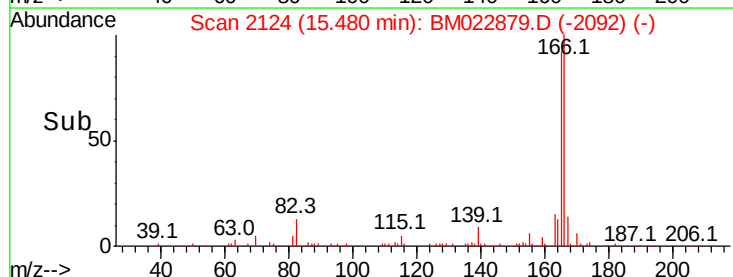
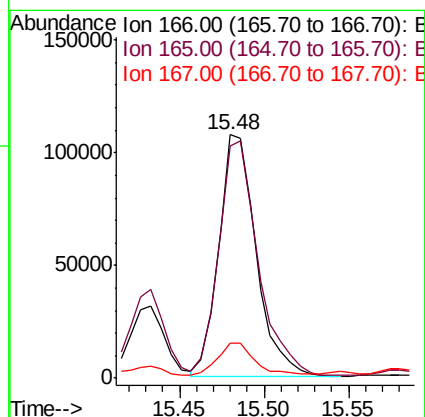
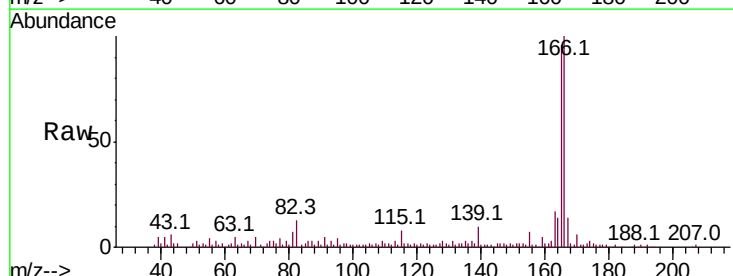
Instrument :
BNA_M
ClientSampleId :
BFDK0

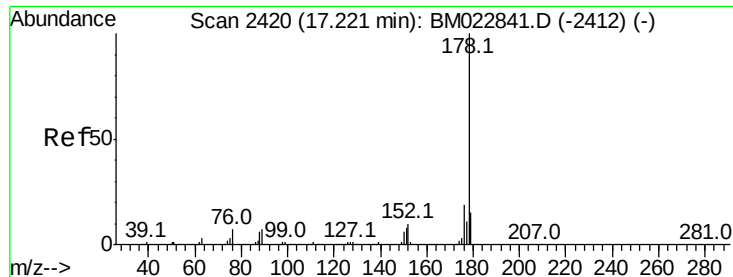
Tot Ion:149 Resp: 2014537
Ion Ratio Lower Upper
149 100
177 22.8 17.8 26.8
150 12.4 9.8 14.6



#59
Fluorene
Concen: 2.408 ng/ul
RT: 15.48 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BM022879.D
Acq: 02 Oct 2019 06:47

Tgt Ion:166 Resp: 165339
Ion Ratio Lower Upper
166 100
165 95.5 77.7 116.5
167 14.5 11.0 16.4





#70

Phenanthrene

Concen: 4.283 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM022879.D

Acq: 02 Oct 2019 06:47

Instrument :

BNA_M

ClientSampleId :

BFDK0

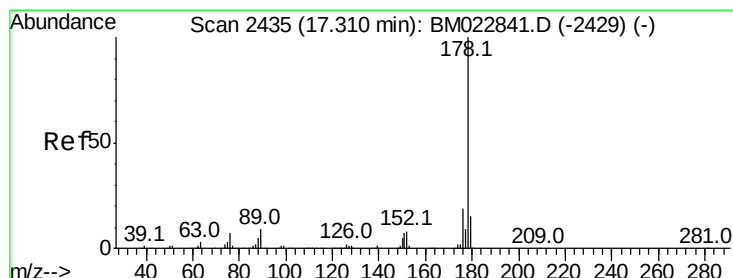
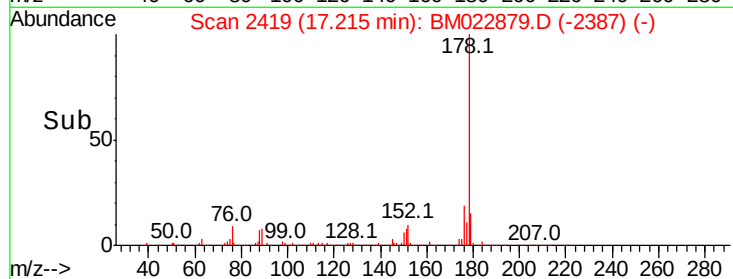
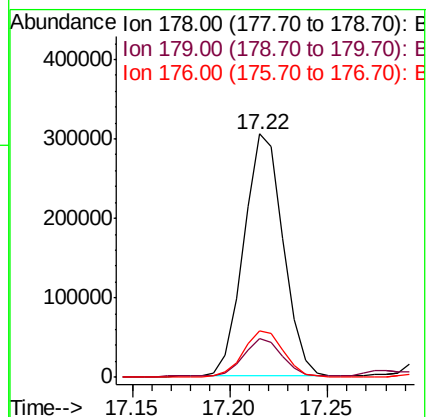
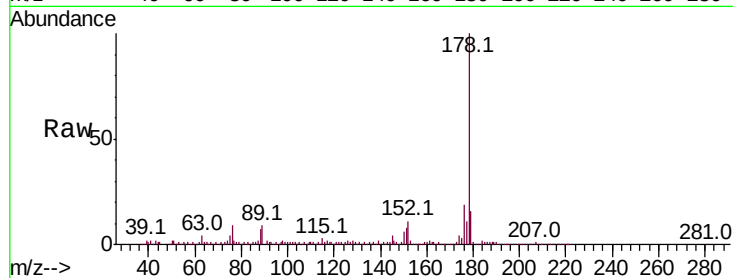
Tot Ion:178 Resp: 425470

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 19.2 15.3 22.9



#72

Anthracene

Concen: 1.169 ng/ul

RT: 17.31 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BM022879.D

Acq: 02 Oct 2019 06:47

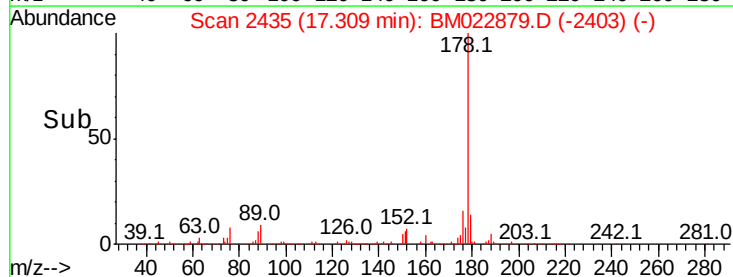
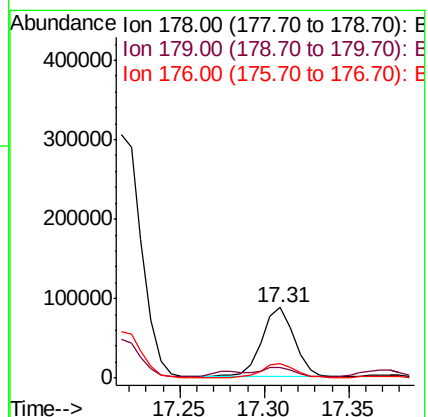
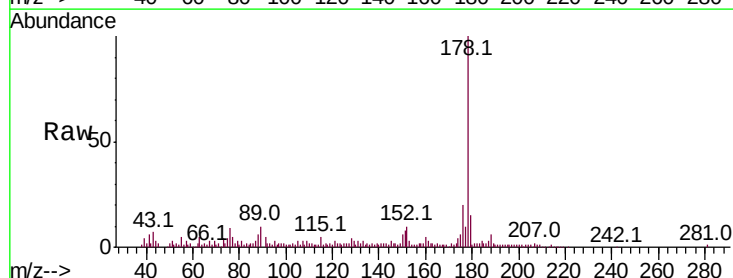
Tgt Ion:178 Resp: 118309

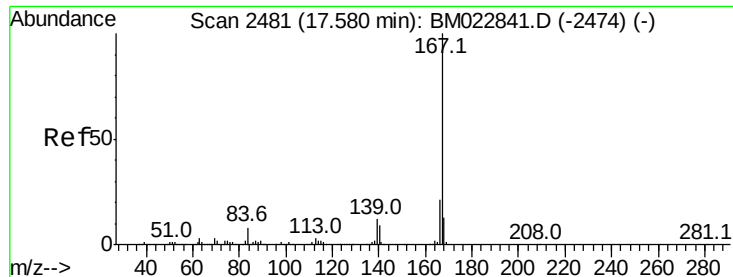
Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 19.9 15.0 22.6





#75

Carbazole

Concen: 1.095 ng/ul

RT: 17.57 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BM022879.D

Acq: 02 Oct 2019 06:47

Instrument :

BNA_M

ClientSampleId :

BFDK0

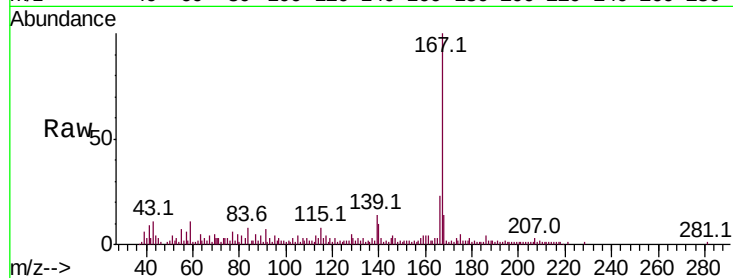
Tot Ion:167 Resp: 98460

Ion Ratio Lower Upper

167 100

166 22.5 17.1 25.7

139 14.1 9.9 14.9



Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

