

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
 Data File : BM022873.D
 Acq On : 02 Oct 2019 03:09
 Operator : JU
 Sample : K4983-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 02 03:41:53 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	292180	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1258771	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.44	164	743030	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.17	188	1310445	20.00	ng/ul	-0.01
78) Chrysene-d12	21.35	240	979815	20.00	ng/ul	-0.02
86) Perylene-d12	23.62	264	1121111	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	33754	5.00	ng/uL	0.00
5) Phenol-d5	6.97	99	117838	4.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	249734	17.68	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	302425	14.55	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	206725	9.78	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	177187	18.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	191094	18.01	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.21	165	347729	16.46	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	348921	13.60	ng/ul	-0.01
44) Dimethylphthalate-d6	13.85	166	1128268	19.57	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	1247712	18.74	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.63	143	44233	3.88	ng/ul	-0.01
58) Fluorene-d10	15.43	176	920412	18.73	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.55	200	155054	18.18	ng/ul	-0.01
71) Anthracene-d10	17.27	188	1428600	22.32	ng/ul	-0.01
79) Pyrene-d10	19.57	212	1430008	27.12	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.47	264	1354733	23.36	ng/ul	-0.03

Target Compounds

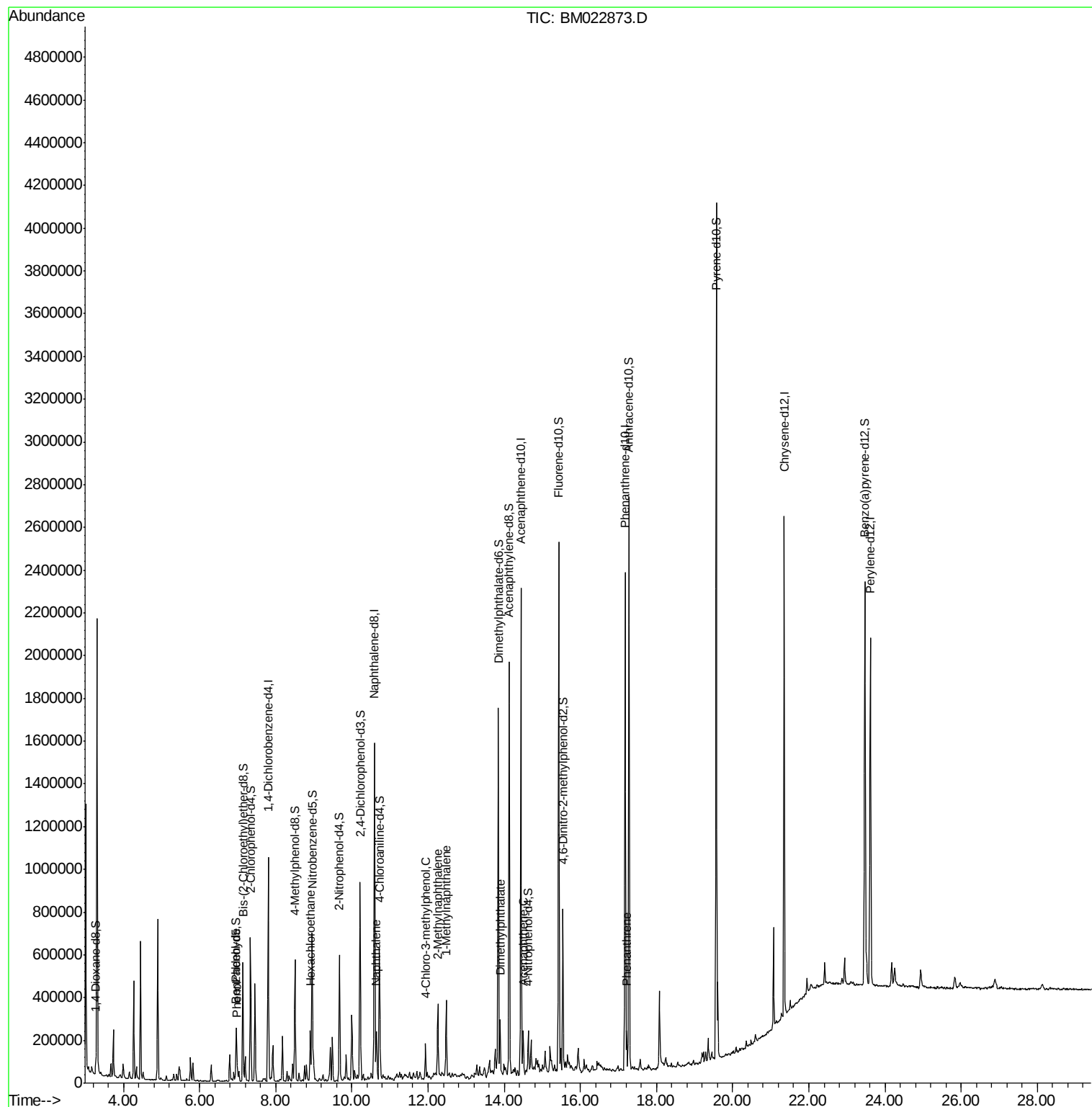
					Ovalue
4) Benzaldehyde	6.95	77	21767	1.860 ng/ul#	60
6) Phenol	6.99	94	31518	1.165 ng/ul	97
17) Hexachloroethane	8.91	117	22756	2.685 ng/ul#	6
28) Naphthalene	10.64	128	151329	2.226 ng/ul	98
33) 4-Chloro-3-methylphenol	11.93	107	32749	1.488 ng/ul#	16
34) 2-Methylnaphthalene	12.26	142	162175	3.182 ng/ul	99
35) 1-Methylnaphthalene	12.47	142	160271	3.292 ng/ul	99
45) Dimethylphthalate	13.89	163	157921	2.666 ng/ul	99
50) Acenaphthene	14.50	153	80862	1.615 ng/ul	99
70) Phenanthrene	17.22	178	103957	1.329 ng/ul	99

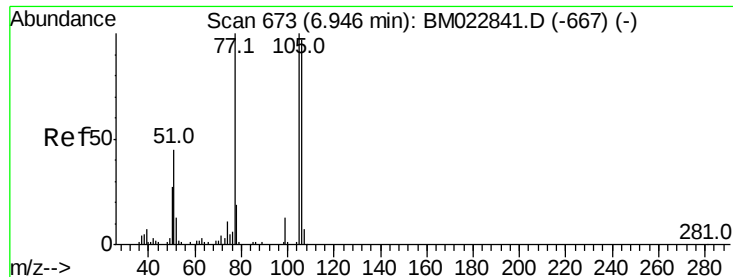
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022873.D
Acq On : 02 Oct 2019 03:09
Operator : JU
Sample : K4983-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 02 03:41:53 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: 1.860 ng/ul

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM022873.D

Acq: 02 Oct 2019 03:09

Instrument :

BNA_M

ClientSampled :

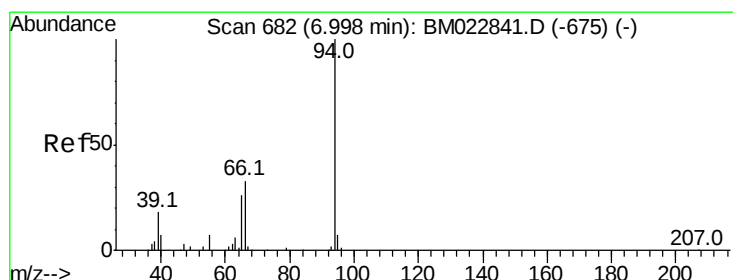
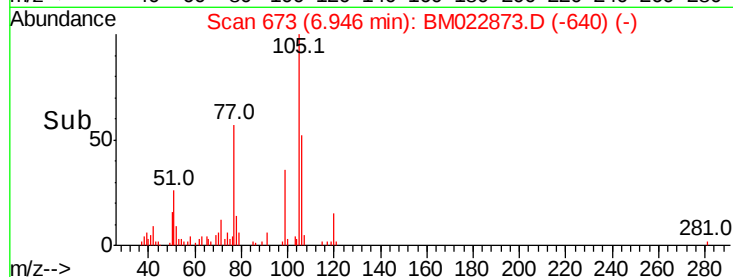
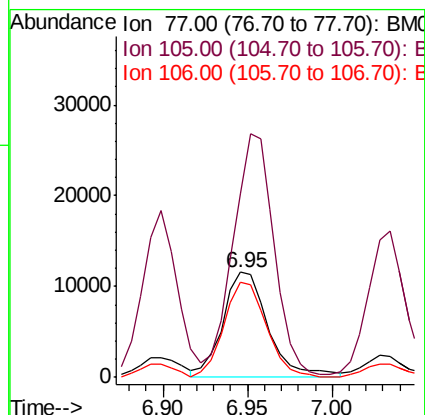
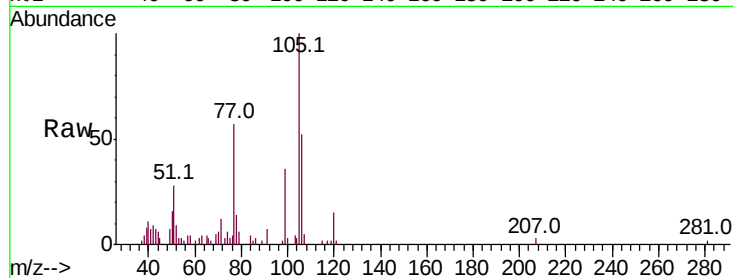
Tot Ion: 77 Resp: 21767

Ion Ratio Lower Upper

77 100

105 174.5 80.6 120.8#

106 90.4 77.0 115.6



#6

Phenol

Concen: 1.165 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM022873.D

Acq: 02 Oct 2019 03:09

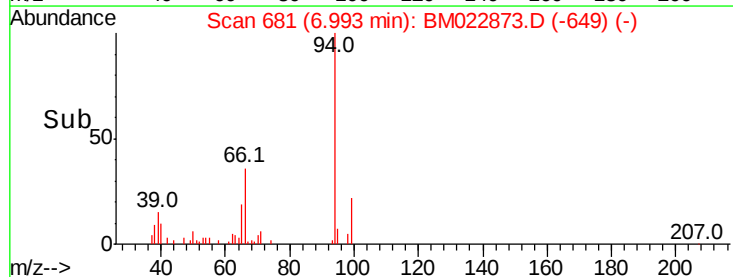
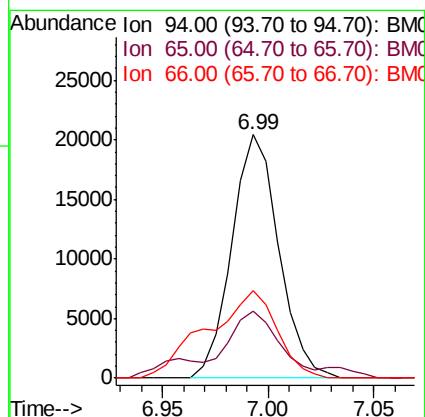
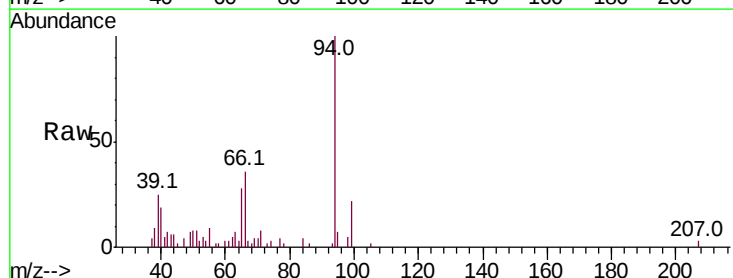
Tgt Ion: 94 Resp: 31518

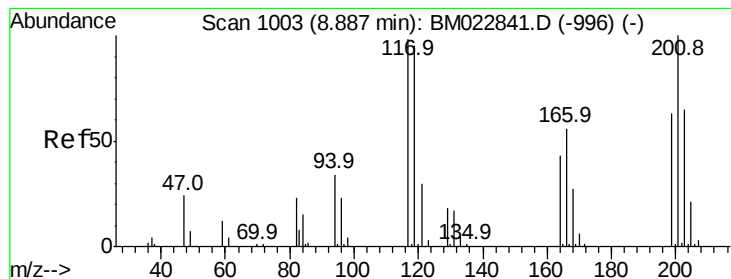
Ion Ratio Lower Upper

94 100

65 27.7 20.9 31.3

66 35.9 27.2 40.8





#17

Hexachloroethane

Concen: 2.685 ng/ul

RT: 8.91 min Scan# 1007

Delta R.T. 0.02 min

Lab File: BM022873.D

Acq: 02 Oct 2019 03:09

Instrument :

BNA_M

ClientSampleId :

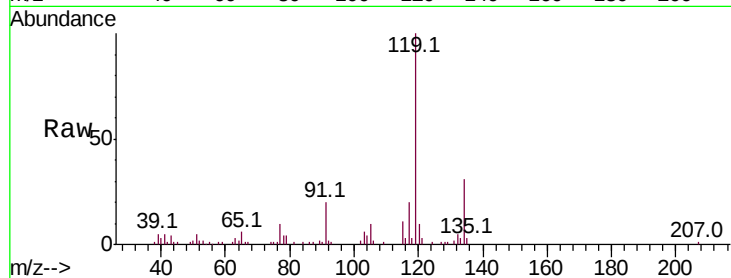
Tot Ion:117 Resp: 22756

Ion Ratio Lower Upper

117 100

201 0.0 82.5 123.7#

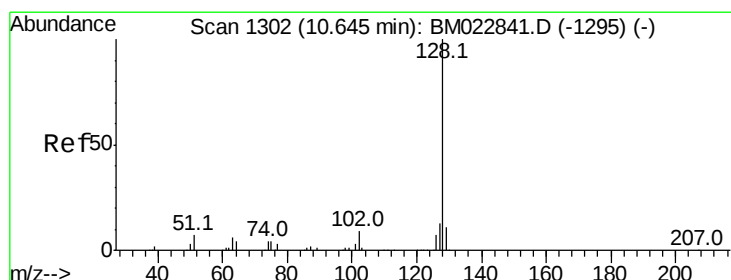
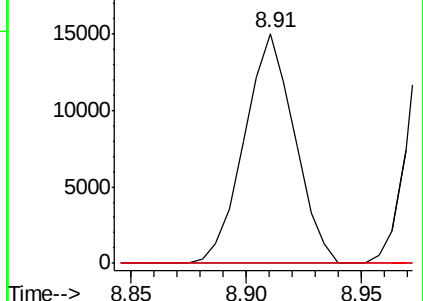
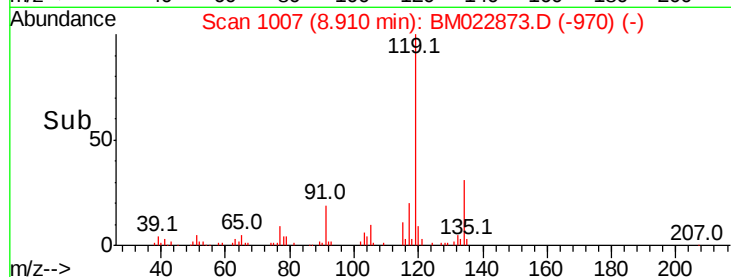
199 0.0 51.6 77.4#



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



#28

Naphthalene

Concen: 2.226 ng/ul

RT: 10.64 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BM022873.D

Acq: 02 Oct 2019 03:09

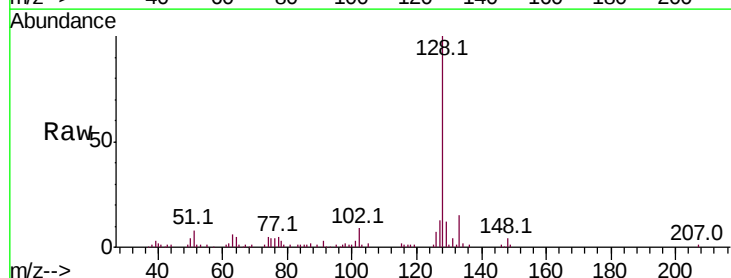
Tgt Ion:128 Resp: 151329

Ion Ratio Lower Upper

128 100

129 11.8 8.6 13.0

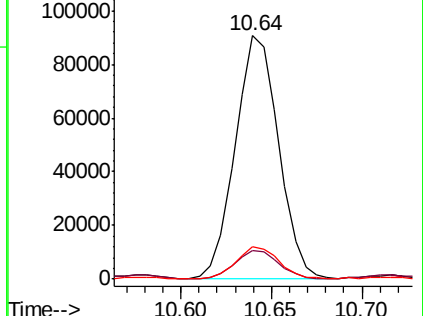
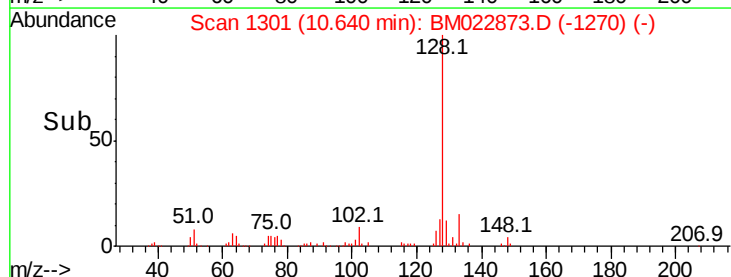
127 13.4 10.2 15.4

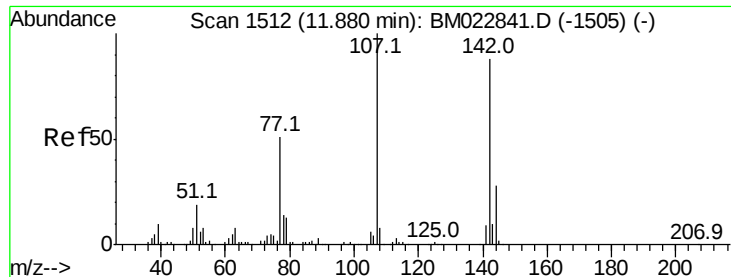


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

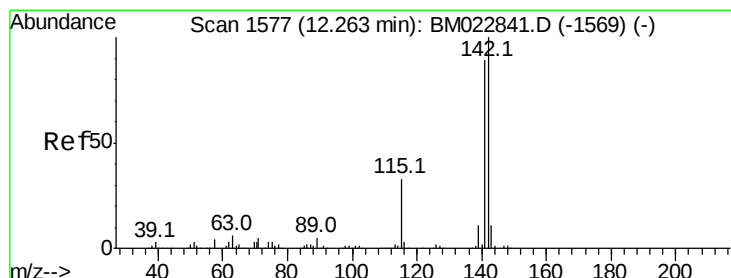
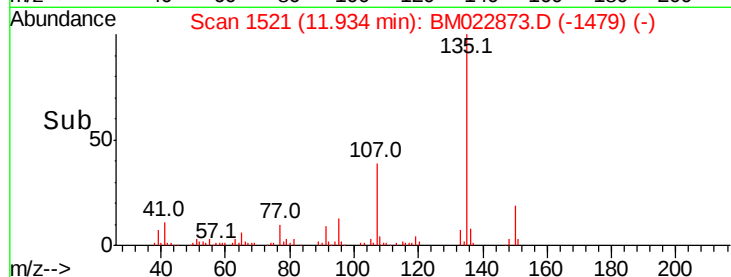
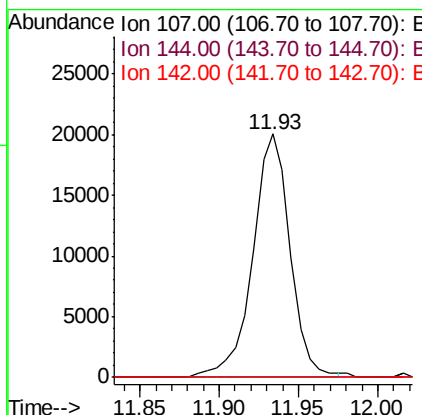
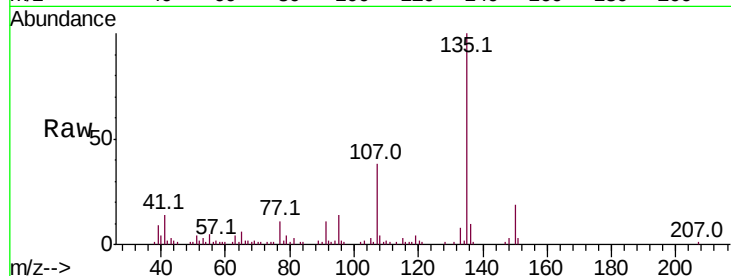




#33
 4-Chloro-3-methylphenol
 Concen: 1.488 ng/ul
 RT: 11.93 min Scan# 1521
 Delta R.T. 0.05 min
 Lab File: BM022873.D
 Acq: 02 Oct 2019 03:09

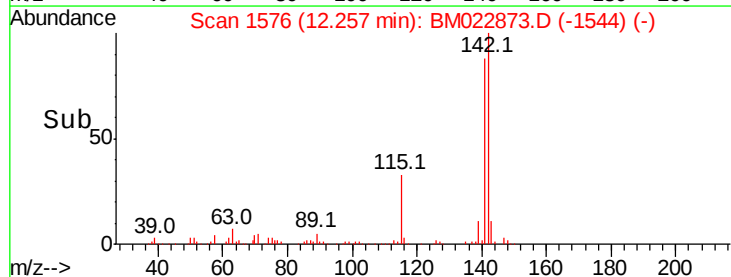
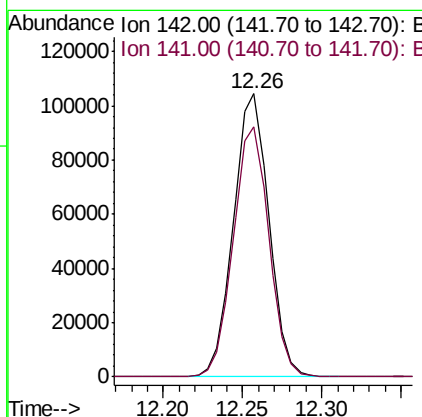
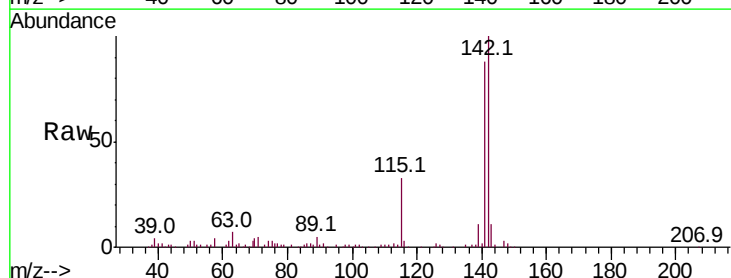
Instrument :
 BNA_M
 ClientSampleId :

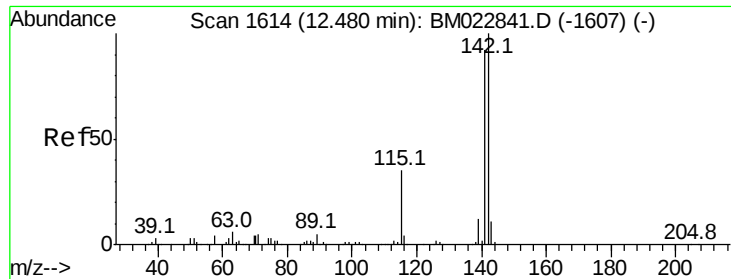
Tot Ion:107 Resp: 32749
 Ion Ratio Lower Upper
 107 100
 144 0.0 22.5 33.7#
 142 0.0 68.9 103.3#



#34
 2-Methylnaphthalene
 Concen: 3.182 ng/ul
 RT: 12.26 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BM022873.D
 Acq: 02 Oct 2019 03:09

Tgt Ion:142 Resp: 162175
 Ion Ratio Lower Upper
 142 100
 141 88.2 71.2 106.8

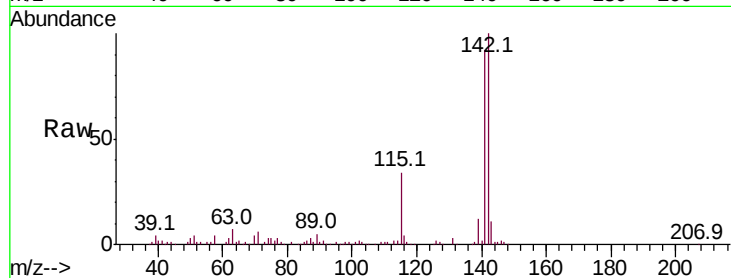




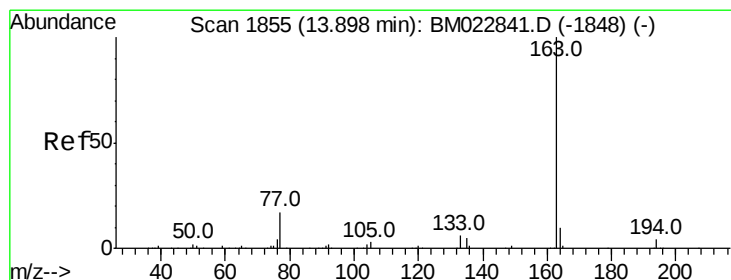
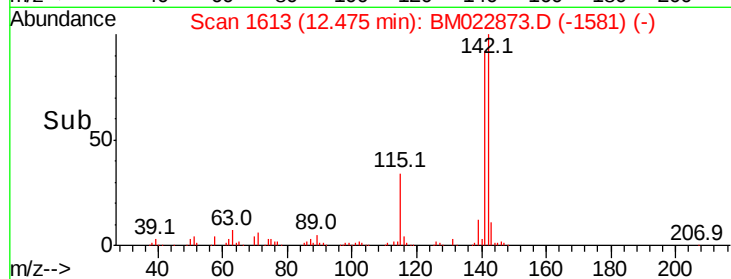
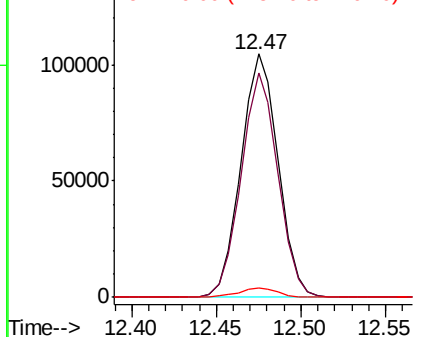
#35
 1-Methyl-naphthalene
 Concen: 3.292 ng/ul
 RT: 12.47 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BM022873.D
 Acq: 02 Oct 2019 03:09

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:142 Resp: 160271
 Ion Ratio Lower Upper
 142 100
 141 92.1 73.0 109.6
 116 3.8 2.9 4.3

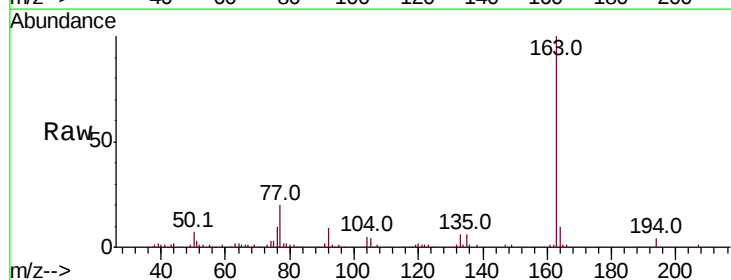


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

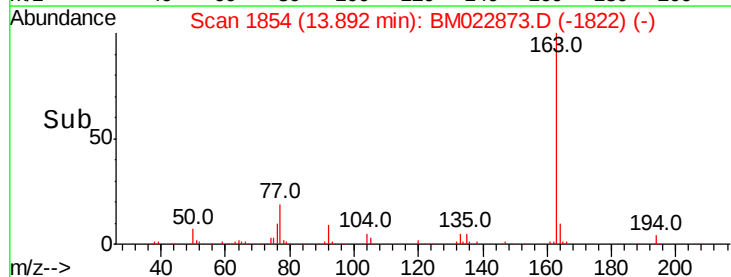
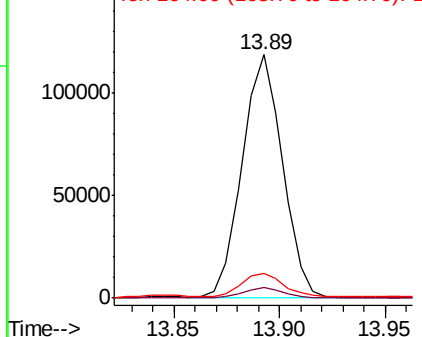


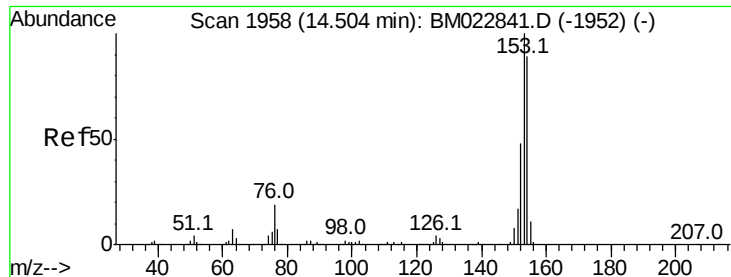
#45
 Dimethylphthalate
 Concen: 2.666 ng/ul
 RT: 13.89 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BM022873.D
 Acq: 02 Oct 2019 03:09

Tgt Ion:163 Resp: 157921
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.4 5.0
 164 10.4 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: 1.615 ng/ul

RT: 14.50 min Scan# 1957

Delta R.T. -0.02 min

Lab File: BM022873.D

Acq: 02 Oct 2019 03:09

Instrument :

BNA_M

ClientSampleId :

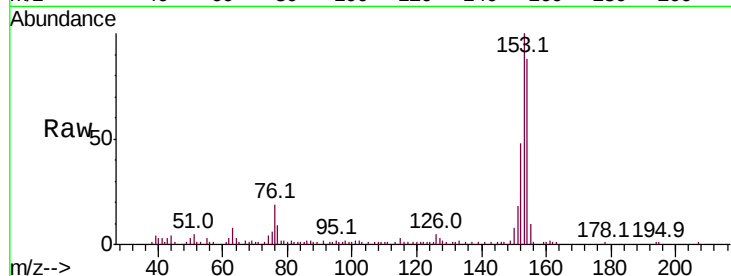
Tot Ion:153 Resp: 80862

Ion Ratio Lower Upper

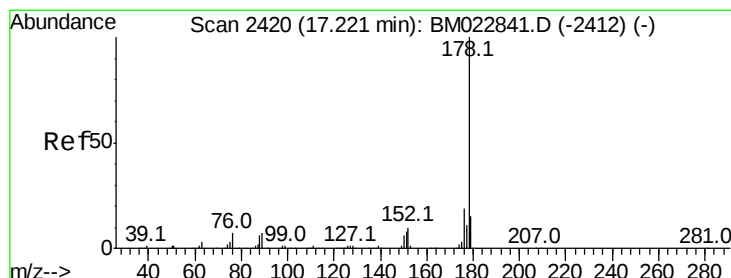
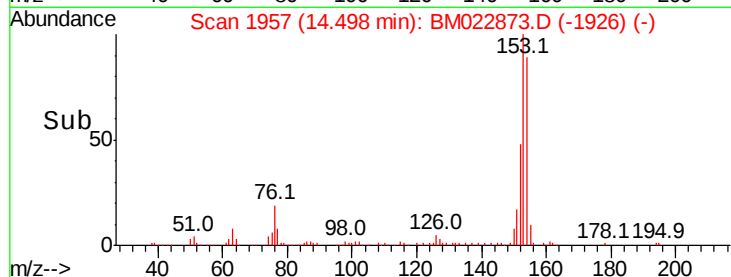
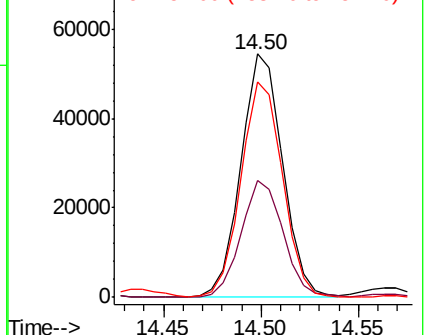
153 100

152 48.0 38.1 57.1

154 88.3 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: 1.329 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM022873.D

Acq: 02 Oct 2019 03:09

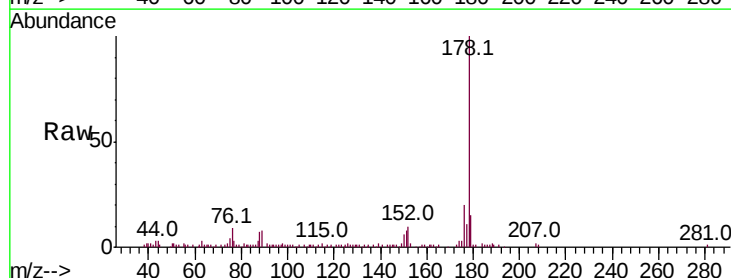
Tgt Ion:178 Resp: 103957

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.8 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

