

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
 Data File : BM022872.D
 Acq On : 02 Oct 2019 02:32
 Operator : JU
 Sample : K4983-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 02 03:41:46 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	301788	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1355744	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.44	164	840095	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.17	188	1628959	20.00	ng/ul	-0.01
78) Chrysene-d12	21.36	240	1240926	20.00	ng/ul	-0.01
86) Perylene-d12	23.62	264	1187951	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	32893	4.71	ng/uL	0.00
5) Phenol-d5	6.97	99	172535	6.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	312886	21.44	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	386921	18.02	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	284189	13.02	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	225076	21.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	245521	21.49	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	451714	19.86	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	438595	15.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	1526619	23.41	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	1649102	21.91	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.63	143	82458	6.40	ng/ul	-0.01
58) Fluorene-d10	15.43	176	1254518	22.58	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	227026	21.42	ng/ul	-0.01
71) Anthracene-d10	17.27	188	1990131	25.02	ng/ul	-0.01
79) Pyrene-d10	19.57	212	2059632	30.84	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.47	264	1577777	25.67	ng/ul	-0.02

Target Compounds

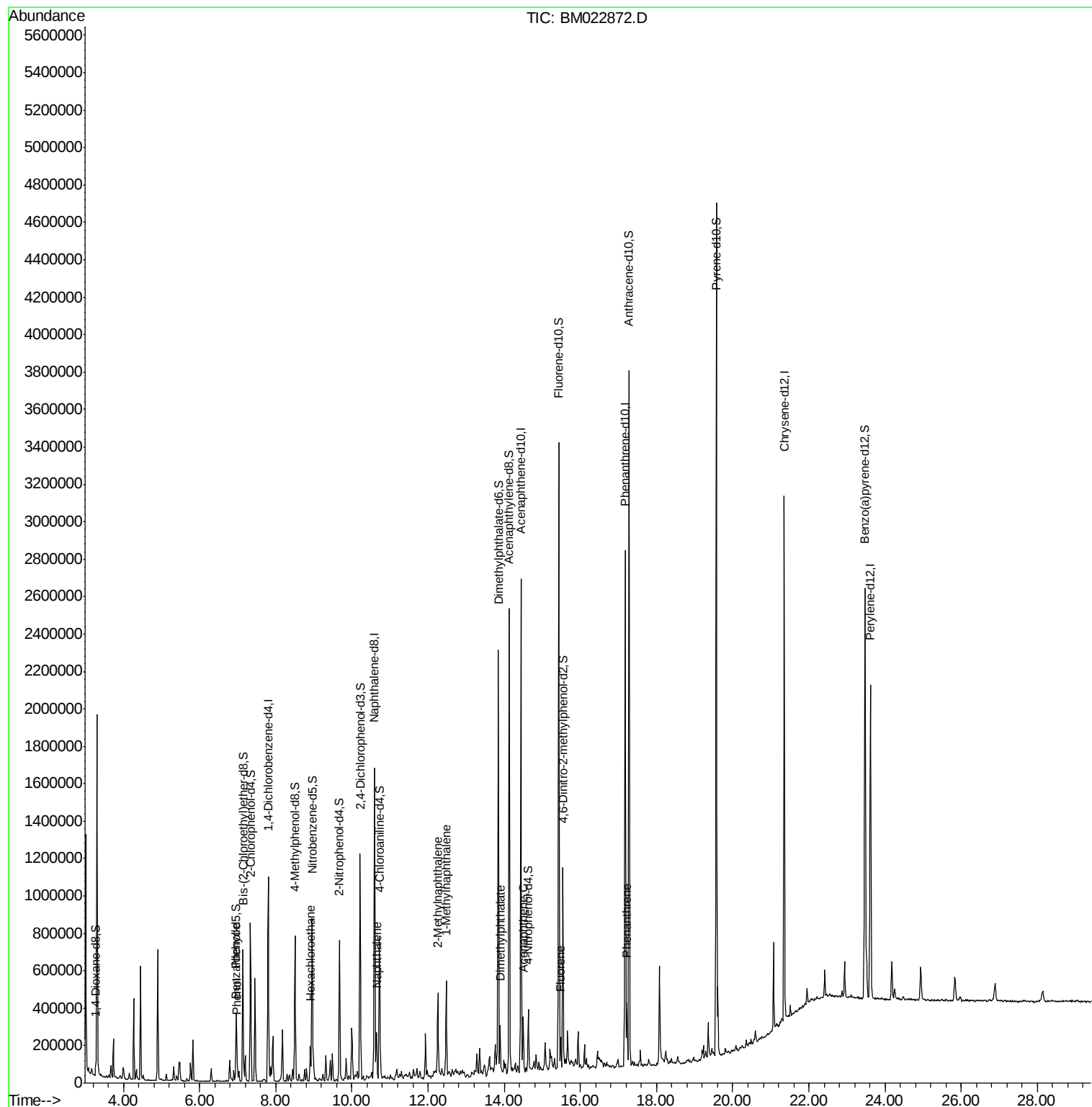
					Ovalue	
4) Benzaldehyde	6.95	77	24951	2.065	ng/ul#	51
6) Phenol	6.99	94	40723	1.457	ng/ul	92
17) Hexachloroethane	8.91	117	18962	2.166	ng/ul#	6
28) Naphthalene	10.65	128	174061	2.377	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	214035	3.899	ng/ul	99
35) 1-Methylnaphthalene	12.47	142	221266	4.220	ng/ul	99
45) Dimethylphthalate	13.89	163	153630	2.294	ng/ul	100
50) Acenaphthene	14.50	153	119169	2.105	ng/ul	99
59) Fluorene	15.49	166	66396	1.016	ng/ul	99
70) Phenanthrene	17.22	178	198793	2.045	ng/ul	100

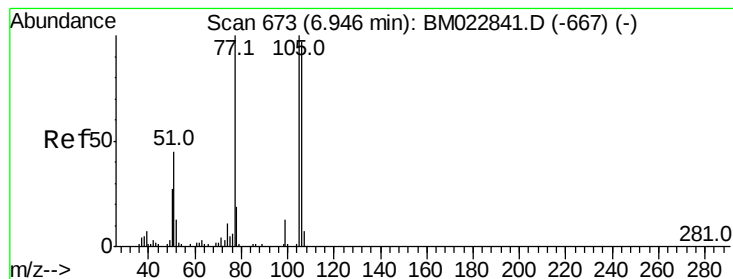
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 2.065 ng/ul

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM022872.D

Acq: 02 Oct 2019 02:32

Instrument :

BNA_M

ClientSampleId :

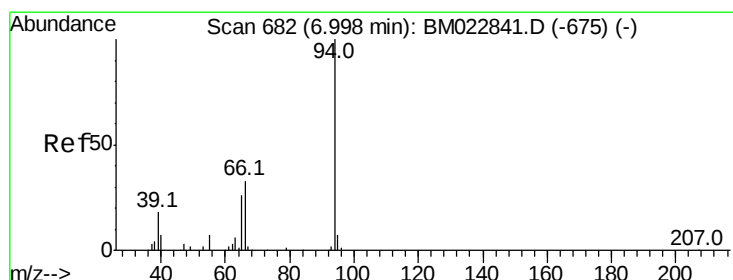
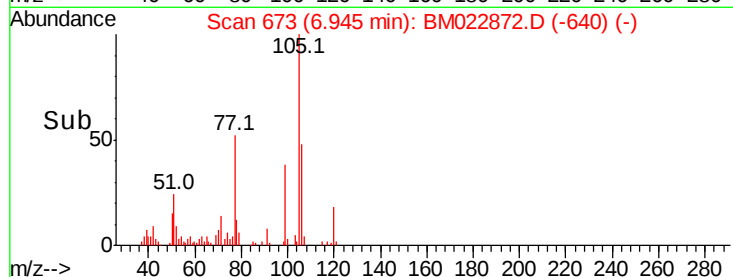
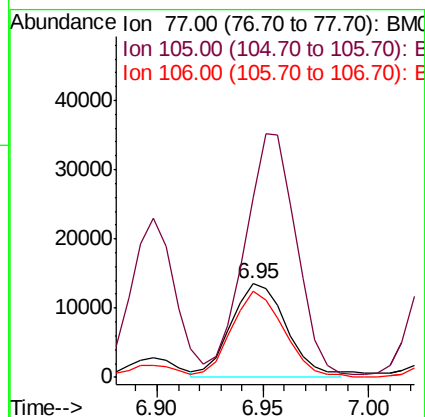
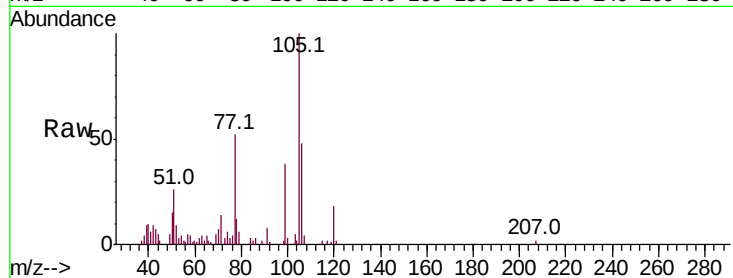
Tot Ion: 77 Resp: 24951

Ion Ratio Lower Upper

77 100

105 191.9 80.6 120.8#

106 91.4 77.0 115.6



#6

Phenol

Concen: 1.457 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM022872.D

Acq: 02 Oct 2019 02:32

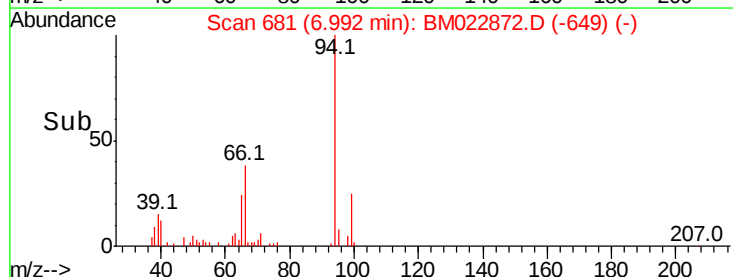
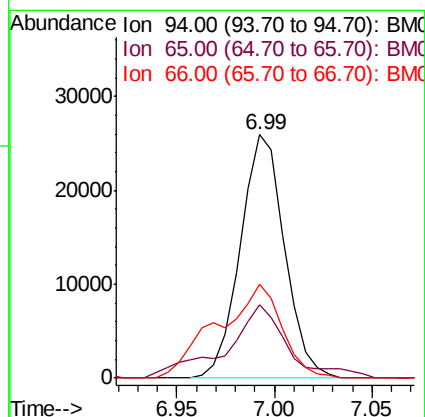
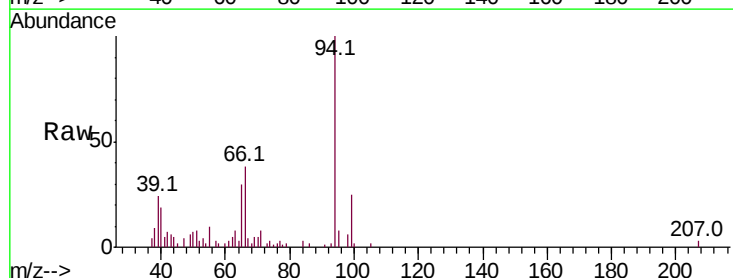
Tgt Ion: 94 Resp: 40723

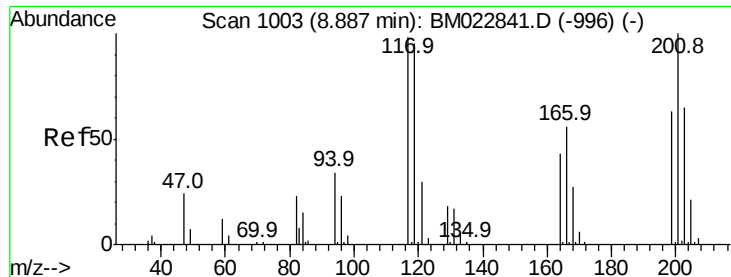
Ion Ratio Lower Upper

94 100

65 30.0 20.9 31.3

66 38.4 27.2 40.8

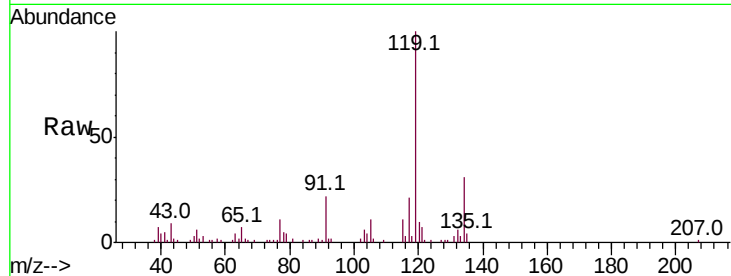




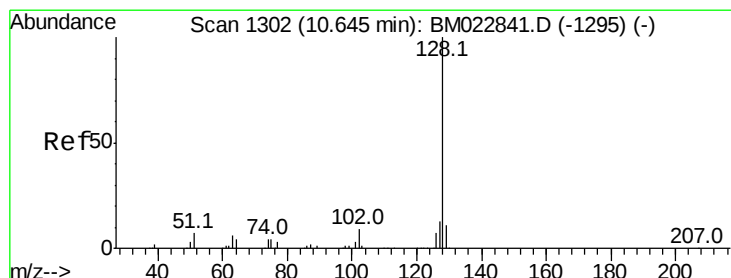
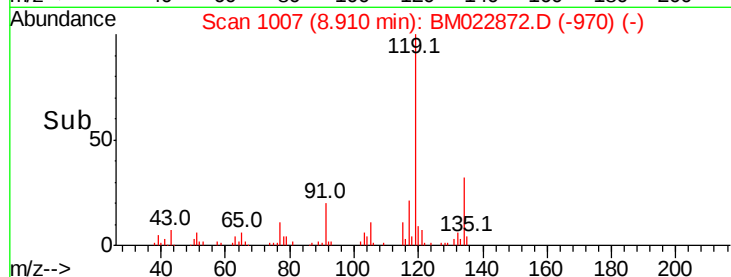
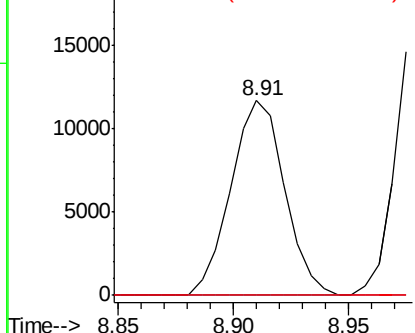
#17
Hexachloroethane
Concen: 2.166 ng/ul
RT: 8.91 min Scan# 1007
Delta R.T. 0.02 min
Lab File: BM022872.D
Acq: 02 Oct 2019 02:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:117 Resp: 18962
Ion Ratio Lower Upper
117 100
201 0.0 82.5 123.7#
199 0.0 51.6 77.4#

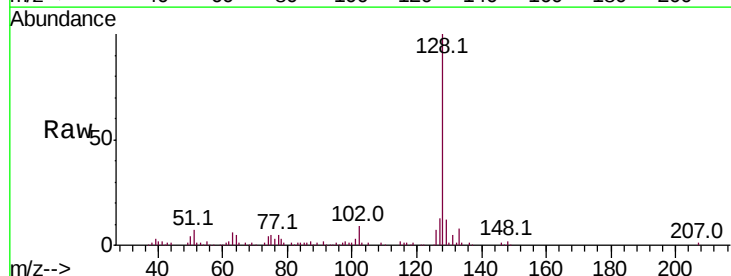


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

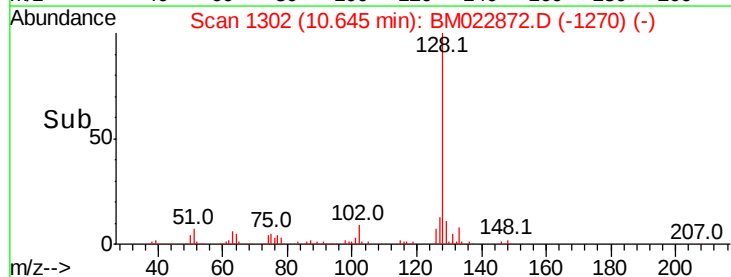
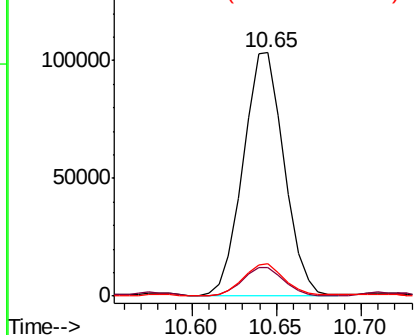


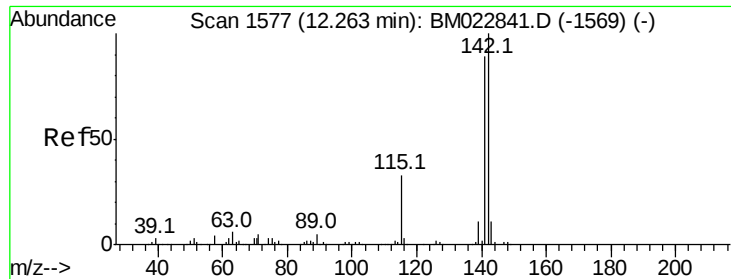
#28
Naphthalene
Concen: 2.377 ng/ul
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM022872.D
Acq: 02 Oct 2019 02:32

Tgt Ion:128 Resp: 174061
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.3 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

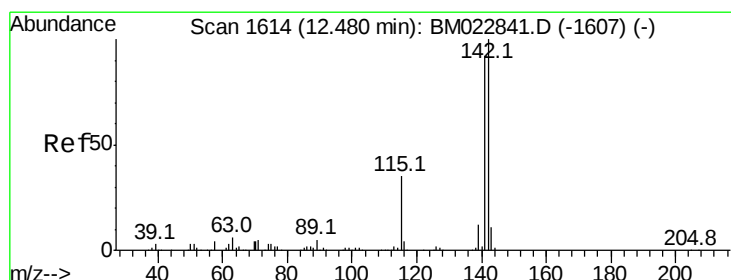
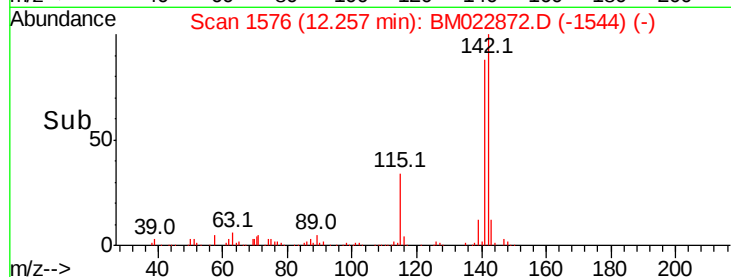
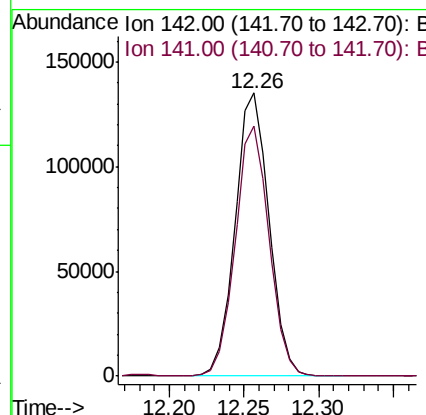
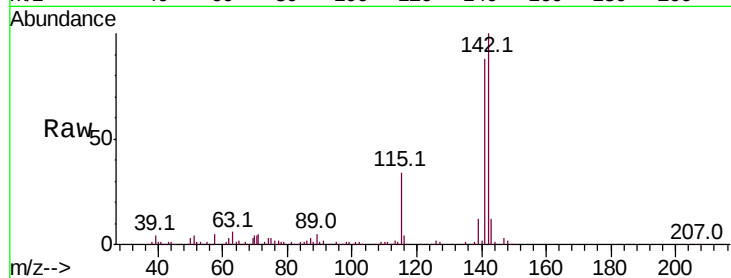




#34
2-Methylnaphthalene
Concen: 3.899 ng/ul
RT: 12.26 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM022872.D
Acq: 02 Oct 2019 02:32

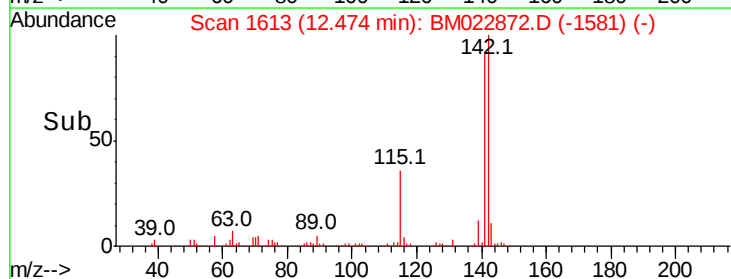
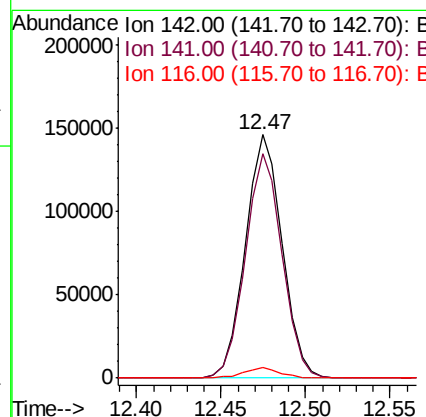
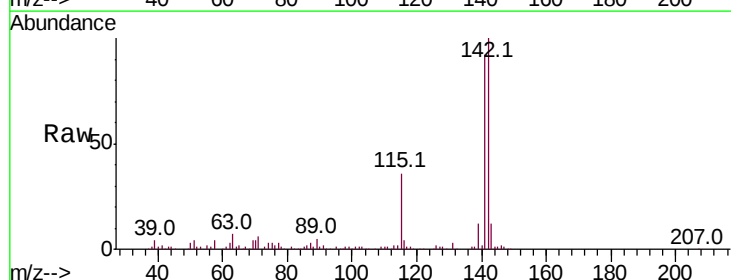
Instrument :
BNA_M
ClientSampleId :

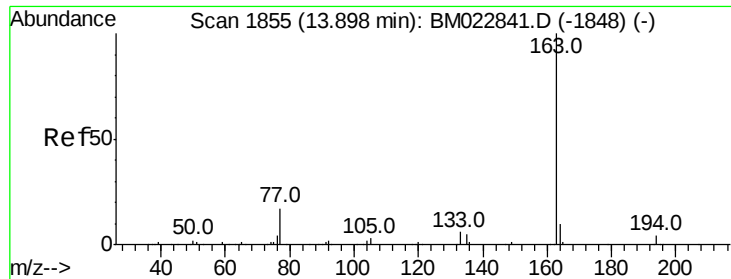
Tot Ion:142 Resp: 214035
Ion Ratio Lower Upper
142 100
141 88.3 71.2 106.8



#35
1-Methylnaphthalene
Concen: 4.220 ng/ul
RT: 12.47 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM022872.D
Acq: 02 Oct 2019 02:32

Tgt Ion:142 Resp: 221266
Ion Ratio Lower Upper
142 100
141 92.2 73.0 109.6
116 4.2 2.9 4.3





#45

Dimethylphthalate

Concen: 2.294 ng/ul

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM022872.D

Acq: 02 Oct 2019 02:32

Instrument :

BNA_M

ClientSampleId :

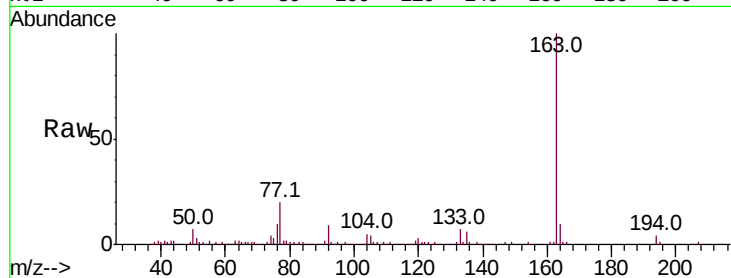
Tot Ion:163 Resp: 153630

Ion Ratio Lower Upper

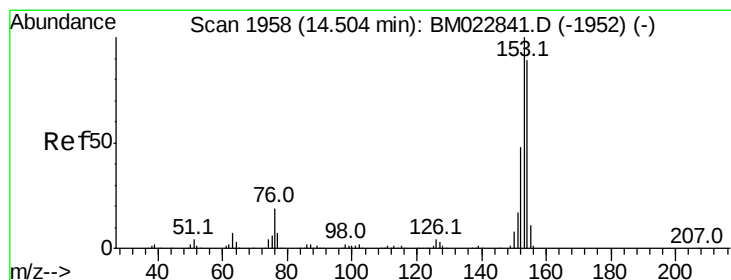
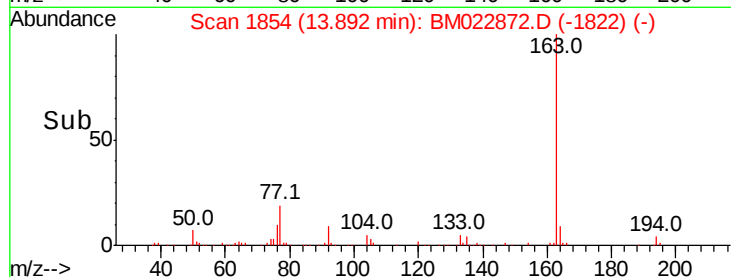
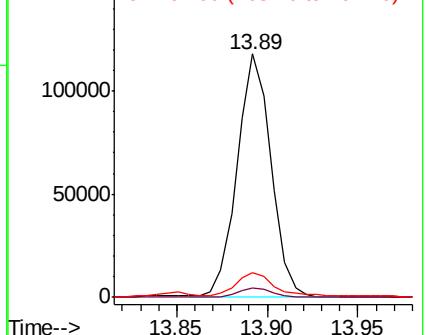
163 100

194 4.0 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



#50

Acenaphthene

Concen: 2.105 ng/ul

RT: 14.50 min Scan# 1957

Delta R.T. -0.02 min

Lab File: BM022872.D

Acq: 02 Oct 2019 02:32

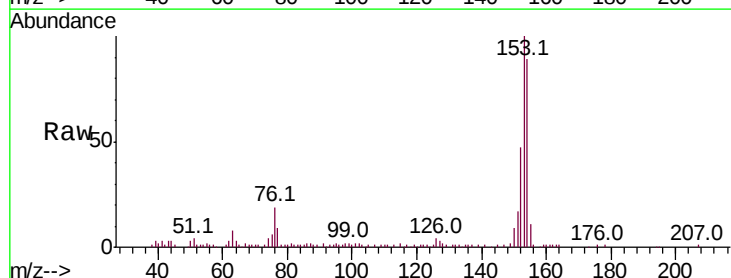
Tgt Ion:153 Resp: 119169

Ion Ratio Lower Upper

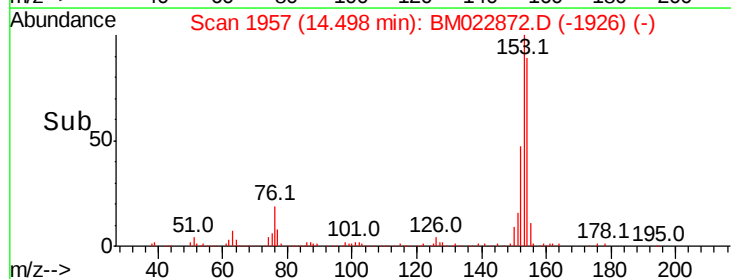
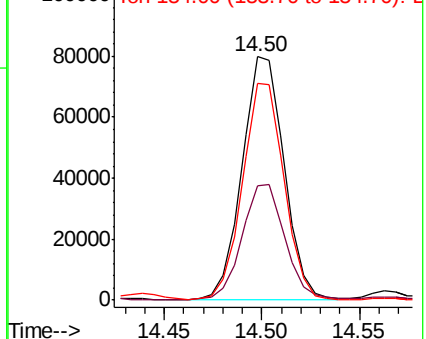
153 100

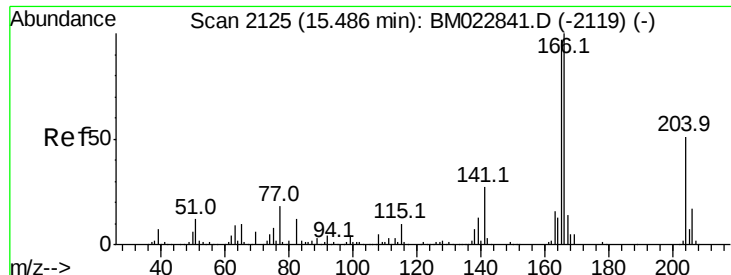
152 46.8 38.1 57.1

154 89.2 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





#59

Fluorene

Concen: 1.016 ng/ul

RT: 15.49 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BM022872.D

Acq: 02 Oct 2019 02:32

Instrument :

BNA_M

ClientSampleId :

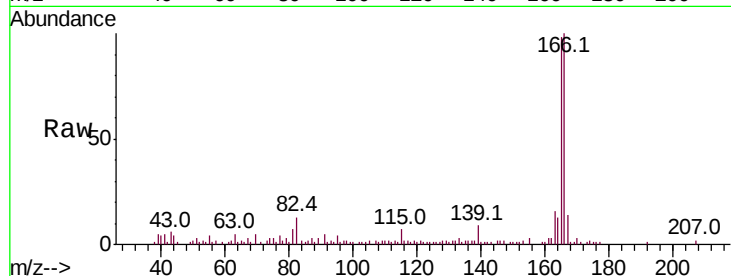
Tot Ion:166 Resp: 66396

Ion Ratio Lower Upper

166 100

165 97.7 77.7 116.5

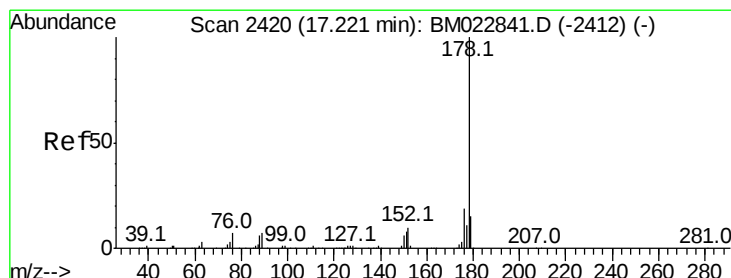
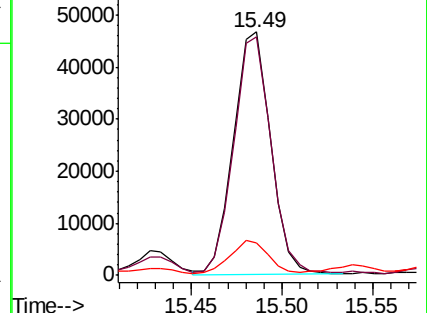
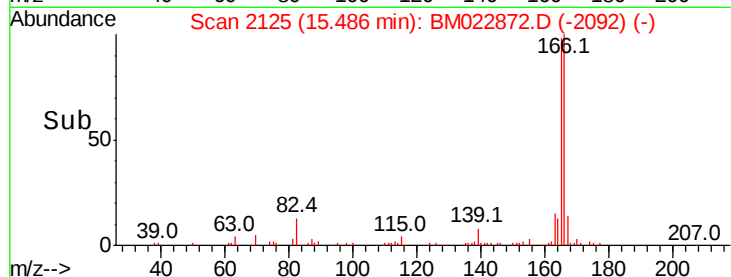
167 13.5 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 2.045 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM022872.D

Acq: 02 Oct 2019 02:32

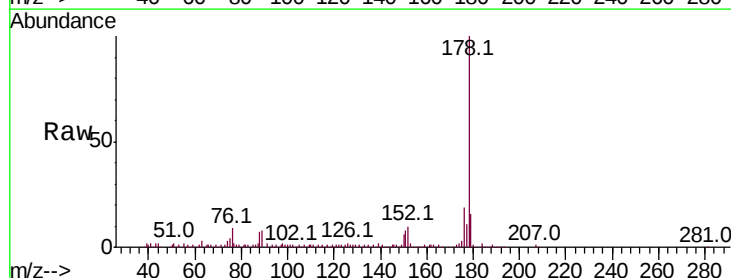
Tgt Ion:178 Resp: 198793

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 18.8 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

