

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
 Data File : BM022874.D
 Acq On : 02 Oct 2019 03:45
 Operator : JU
 Sample : K4932-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 02 05:06:24 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	341419	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1470464	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.44	164	841031	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.18	188	1454729	20.00	ng/ul	0.00
78) Chrysene-d12	21.35	240	1077822	20.00	ng/ul	-0.02
86) Perylene-d12	23.62	264	1231121	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	37525	4.75	ng/uL	0.00
5) Phenol-d5	6.97	99	220973	7.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	412232	24.97	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	520122	21.41	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	357290	14.47	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	306504	27.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	332065	26.80	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	597160	24.20	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.72	131	718998	23.99	ng/ul	-0.01
44) Dimethylphthalate-d6	13.85	166	1704673	26.12	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	1988958	26.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	77936	6.04	ng/ul	0.00
58) Fluorene-d10	15.43	176	1385861	24.91	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	235557	24.88	ng/ul	-0.01
71) Anthracene-d10	17.27	188	1907909	26.86	ng/ul	-0.01
79) Pyrene-d10	19.57	212	1808095	31.17	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.47	264	1713163	26.90	ng/ul	-0.02

Target Compounds

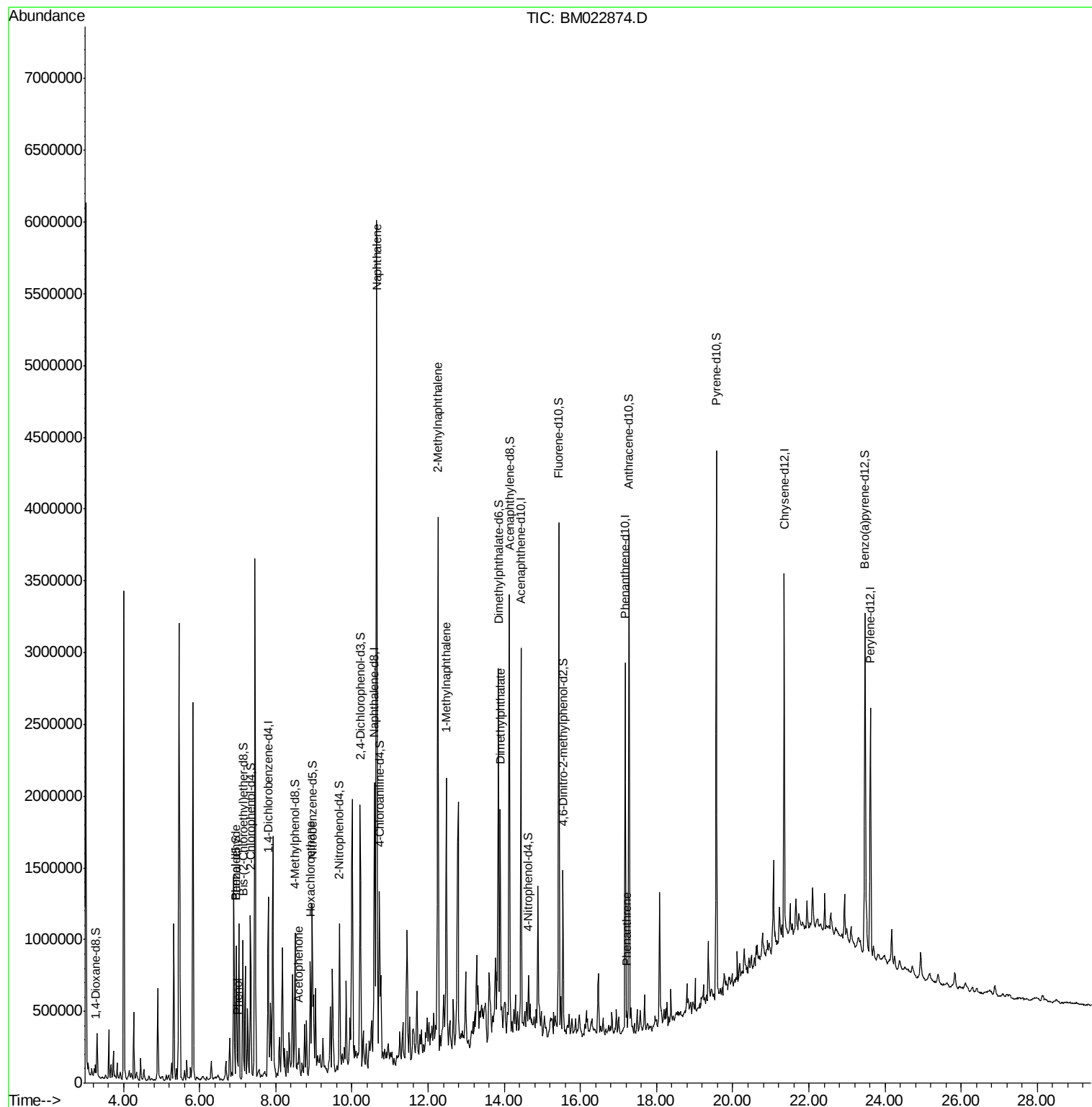
					Ovalue	
4) Benzaldehyde	6.96	77	55458	4.057	ng/ul#	1
6) Phenol	7.00	94	51846	1.639	ng/ul	96
14) Acetophenone	8.61	105	135956	3.601	ng/ul#	44
17) Hexachloroethane	8.91	117	105408	10.644	ng/ul#	6
28) Naphthalene	10.65	128	4422112	55.684	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	1692175	28.420	ng/ul	98
35) 1-Methylnaphthalene	12.48	142	887676	15.610	ng/ul	99
45) Dimethylphthalate	13.89	163	390810	5.828	ng/ul	98
70) Phenanthrene	17.22	178	88815	1.023	ng/ul	97

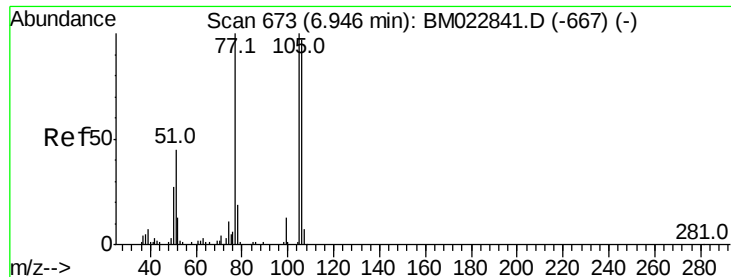
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 4.057 ng/ul

RT: 6.96 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM022874.D

Acq: 02 Oct 2019 03:45

Instrument :

BNA_M

ClientSampleId :

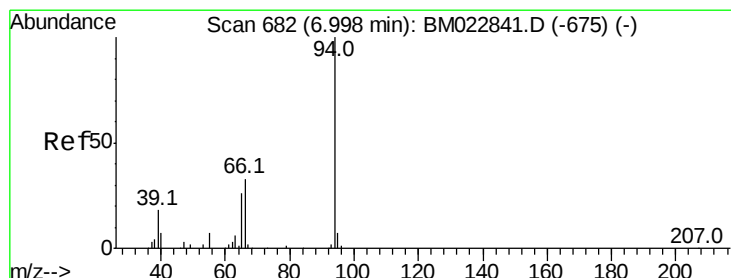
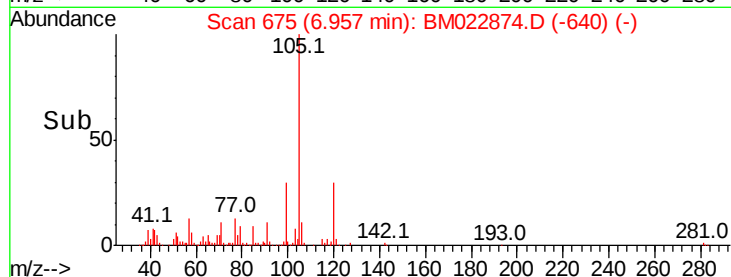
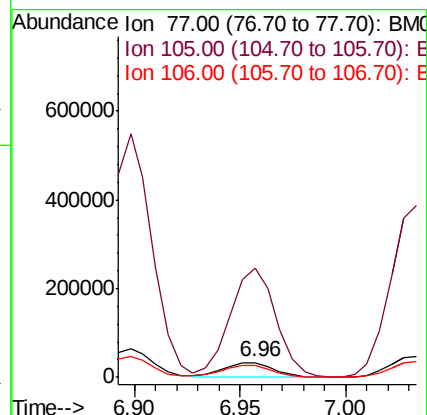
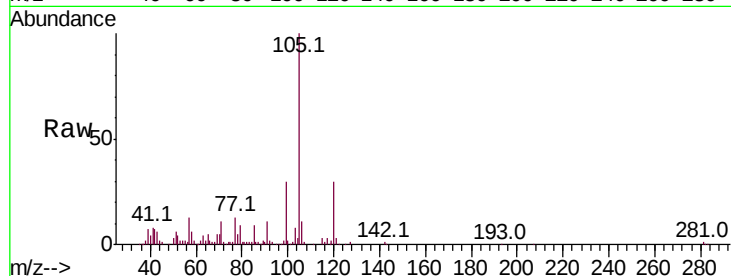
Tot Ion: 77 Resp: 55458

Ion Ratio Lower Upper

77 100

105 748.7 80.6 120.8#

106 79.0 77.0 115.6



#6

Phenol

Concen: 1.639 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM022874.D

Acq: 02 Oct 2019 03:45

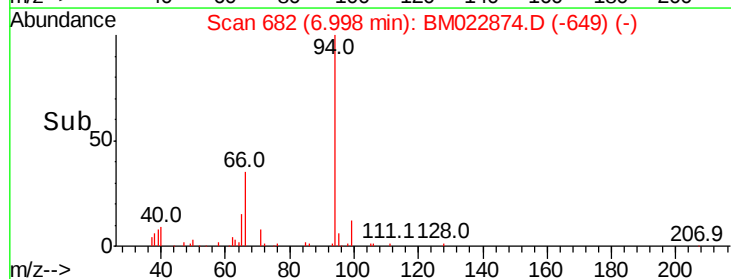
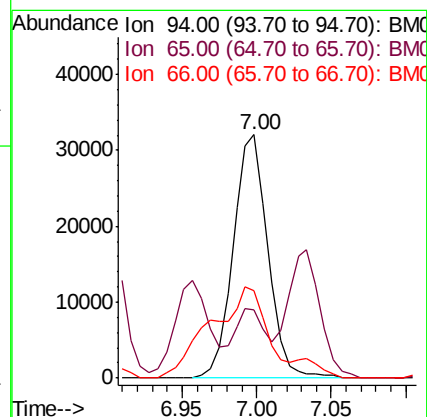
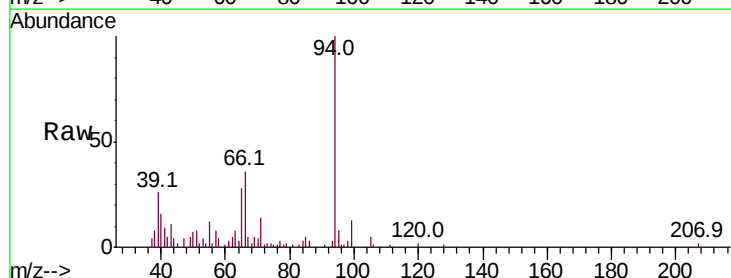
Tgt Ion: 94 Resp: 51846

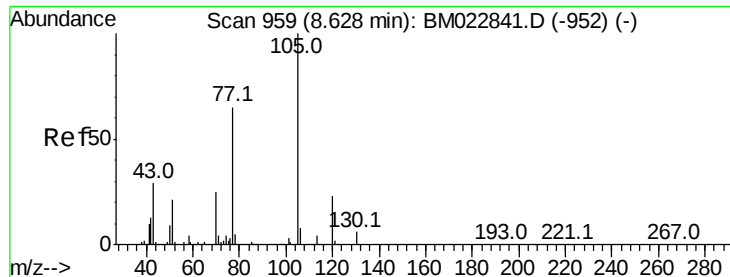
Ion Ratio Lower Upper

94 100

65 27.9 20.9 31.3

66 36.1 27.2 40.8





#14

Acetophenone

Concen: 3.601 ng/ul

RT: 8.61 min Scan# 956

Delta R.T. -0.02 min

Lab File: BM022874.D

Acq: 02 Oct 2019 03:45

Instrument :

BNA_M

ClientSampleId :

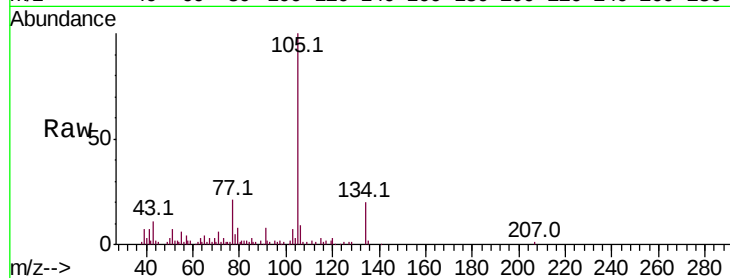
Tot Ion:105 Resp: 135956

Ion Ratio Lower Upper

105 100

77 20.6 59.4 89.0#

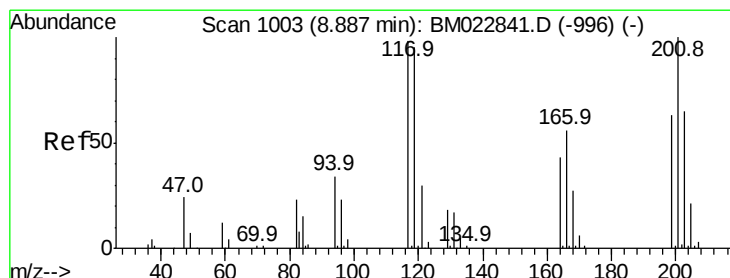
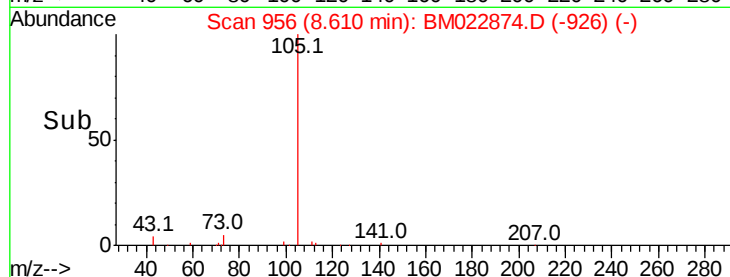
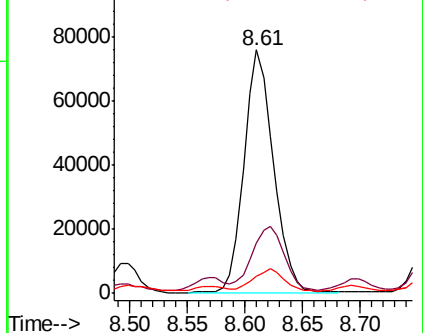
51 7.2 19.4 29.0#



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



#17

Hexachloroethane

Concen: 10.644 ng/ul

RT: 8.91 min Scan# 1007

Delta R.T. 0.02 min

Lab File: BM022874.D

Acq: 02 Oct 2019 03:45

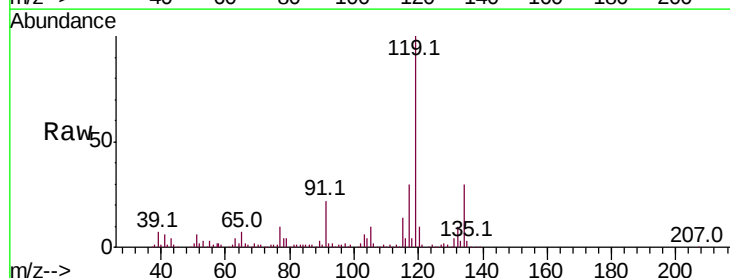
Tgt Ion:117 Resp: 105408

Ion Ratio Lower Upper

117 100

201 0.0 82.5 123.7#

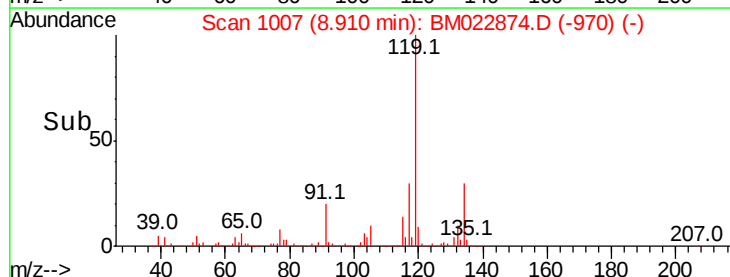
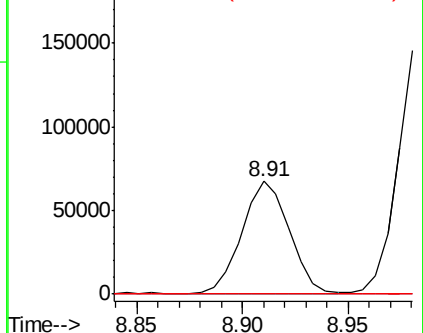
199 0.0 51.6 77.4#

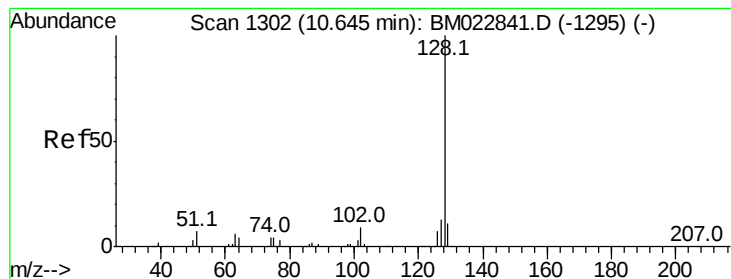


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#28

Naphthalene

Concen: 55.684 ng/ul

RT: 10.65 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BM022874.D

Acq: 02 Oct 2019 03:45

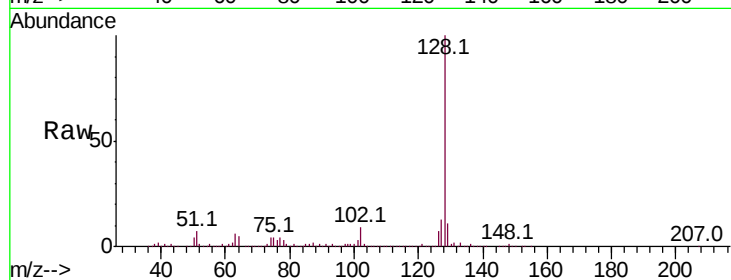
Instrument :

BNA_M

ClientSampleId :

Tot Ion:128 Resp: 4422112

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	13.0
127	13.3	10.2	15.4

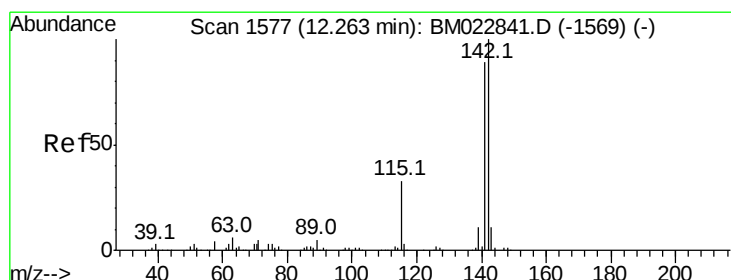
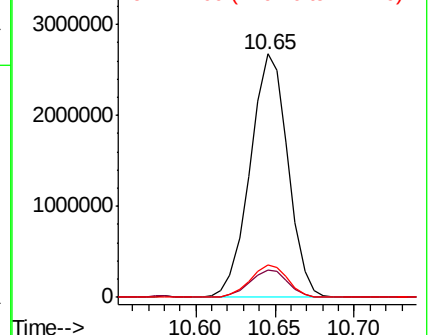
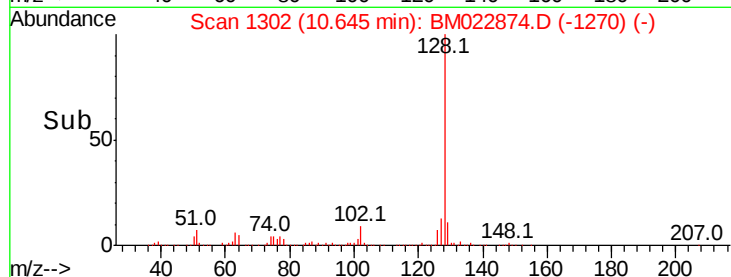


Abundance

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: 28.420 ng/ul

RT: 12.26 min Scan# 1576

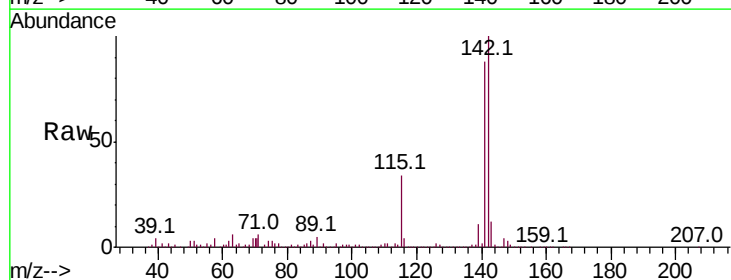
Delta R.T. -0.01 min

Lab File: BM022874.D

Acq: 02 Oct 2019 03:45

Tgt Ion:142 Resp: 1692175

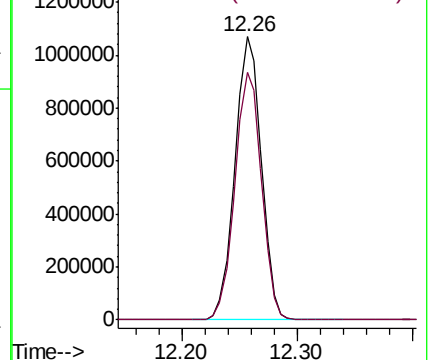
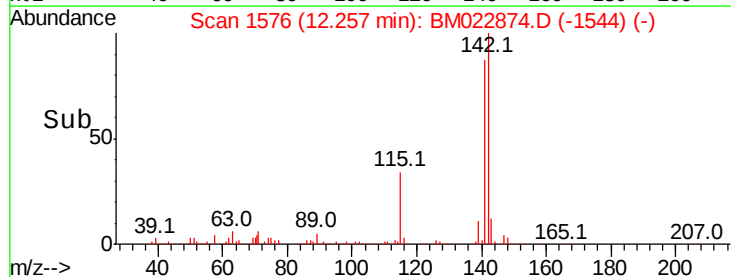
Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.2	106.8

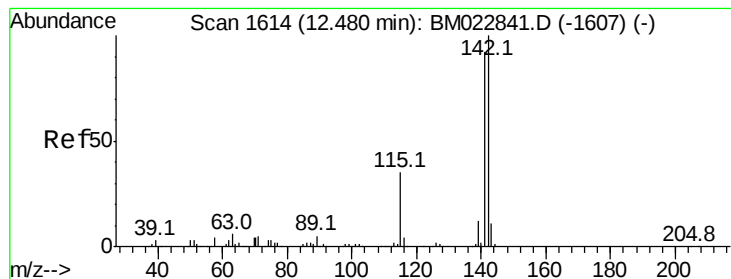


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#35

1-Methylnaphthalene

Concen: 15.610 ng/ul

RT: 12.48 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BM022874.D

Acq: 02 Oct 2019 03:45

Instrument :

BNA_M

ClientSampleId :

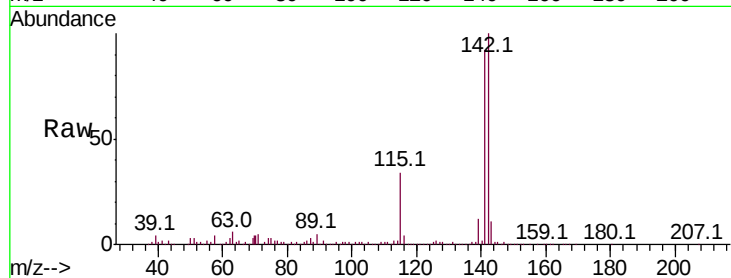
Tot Ion:142 Resp: 887676

Ion Ratio Lower Upper

142 100

141 91.9 73.0 109.6

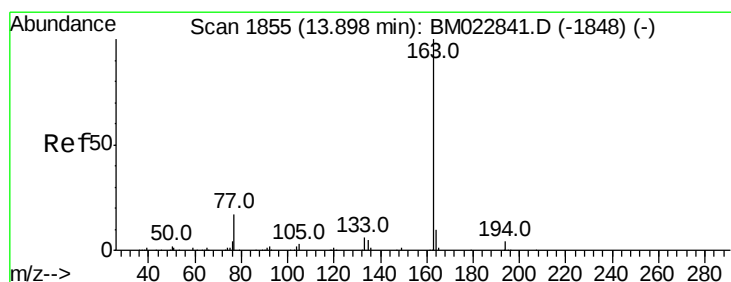
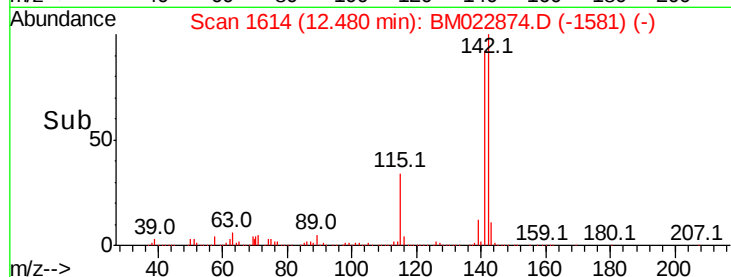
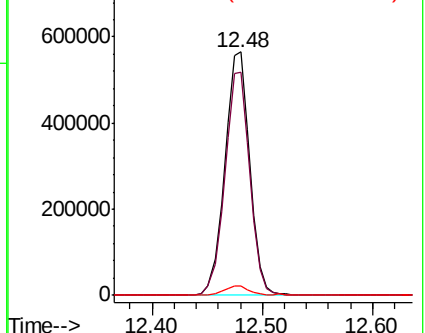
116 3.7 2.9 4.3



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: 5.828 ng/ul

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM022874.D

Acq: 02 Oct 2019 03:45

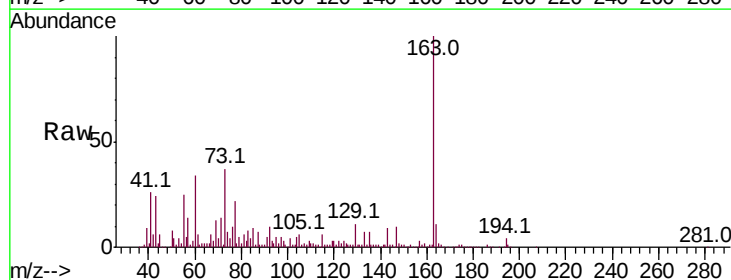
Tgt Ion:163 Resp: 390810

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

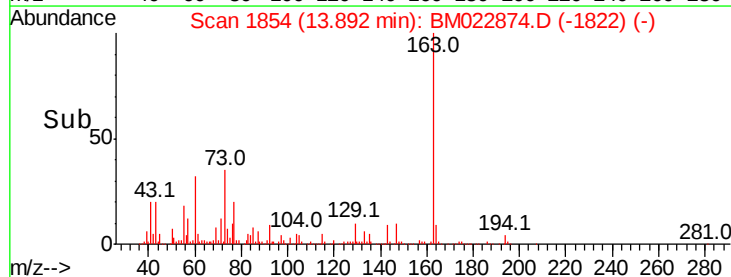
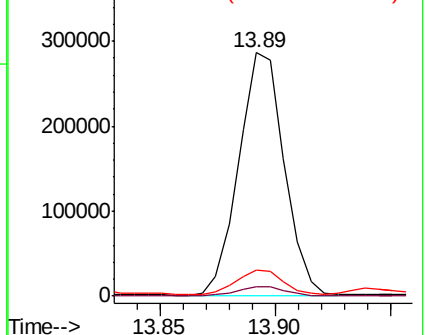
164 10.9 8.1 12.1

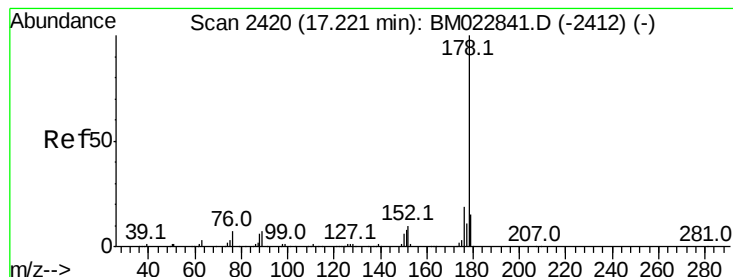


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 1.023 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM022874.D

Acq: 02 Oct 2019 03:45

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ClientSampleId :

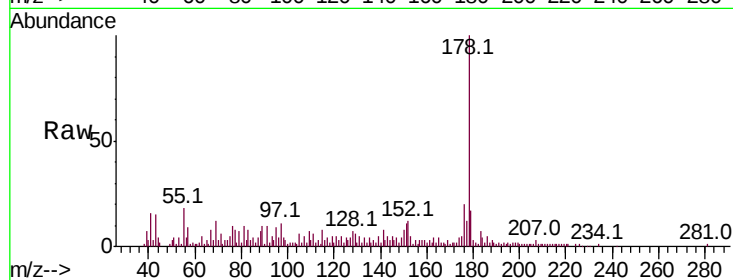
Tot Ion:178 Resp: 88815

Ion Ratio Lower Upper

178 100

179 17.0 12.4 18.6

176 20.2 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

