

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
 Data File : BM022907.D
 Acq On : 02 Oct 2019 23:50
 Operator : JU
 Sample : K4895-19
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 03 01:00:37 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	289349	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.59	136	1280063	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.43	164	770496	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1338455	20.00	ng/ul	-0.01
78) Chrysene-d12	21.35	240	935961	20.00	ng/ul	-0.02
86) Perylene-d12	23.61	264	1074395	20.00	ng/ul	-0.03

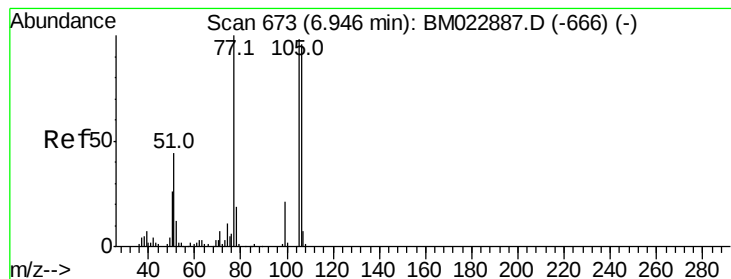
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	38088	5.69	ng/uL	0.00
5) Phenol-d5	6.97	99	183340	7.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	341842	24.43	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.33	132	430540	20.91	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	309536	14.79	ng/ul	-0.01
19) Nitrobenzene-d5	8.95	128	250291	25.34	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.67	143	279309	25.89	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.21	165	505020	23.51	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	576244	22.08	ng/ul	-0.01
44) Dimethylphthalate-d6	13.84	166	1586659	26.53	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	1770161	25.64	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.63	143	69599	5.89	ng/ul	0.00
58) Fluorene-d10	15.43	176	1297141	25.45	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	175626	20.16	ng/ul	-0.02
71) Anthracene-d10	17.27	188	1903430	29.12	ng/ul	-0.02
79) Pyrene-d10	19.56	212	1753249	34.80	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	1646237	29.62	ng/ul	-0.03

Target Compounds

					Ovalue	
4) Benzaldehyde	6.95	77	18134	1.565	ng/ul#	1
6) Phenol	6.99	94	56769	2.118	ng/ul	97
11) 2-Methylphenol	8.24	108	20727	1.003	ng/ul	95
14) Acetophenone	8.60	105	56911	1.779	ng/ul#	38
16) 4-Methylphenol	8.57	108	49987	2.189	ng/ul	92
17) Hexachloroethane	8.90	117	36443	4.342	ng/ul#	6
24) 2,4-Dimethylphenol	9.77	107	89423	3.722	ng/ul	98
28) Naphthalene	10.64	128	965316	13.964	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	399397	7.706	ng/ul	98
35) 1-Methylnaphthalene	12.47	142	255444	5.160	ng/ul	99
45) Dimethylphthalate	13.89	163	748662	12.188	ng/ul	100

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



#4

Benzaldehyde

Concen: 1.565 ng/ul

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM022907.D

Acq: 02 Oct 2019 23:50

Instrument :

BNA_M

ClientSampled :

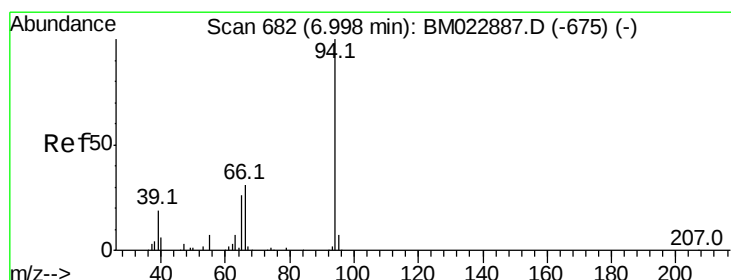
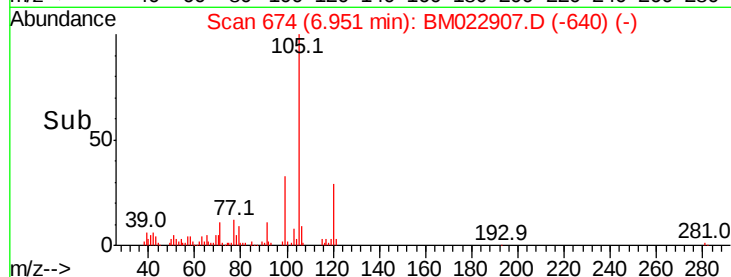
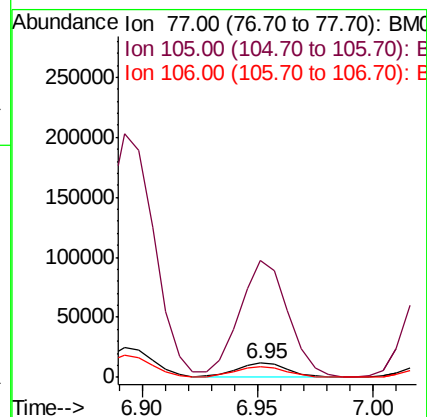
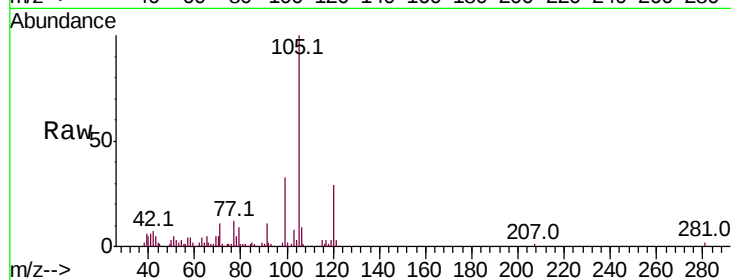
Tot Ion: 77 Resp: 18134

Ion Ratio Lower Upper

77 100

105 838.6 80.6 120.8#

106 78.2 77.0 115.6



#6

Phenol

Concen: 2.118 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM022907.D

Acq: 02 Oct 2019 23:50

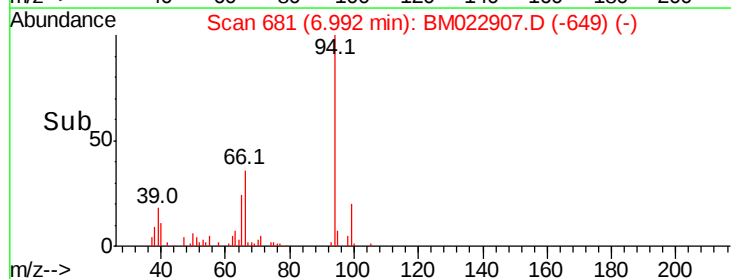
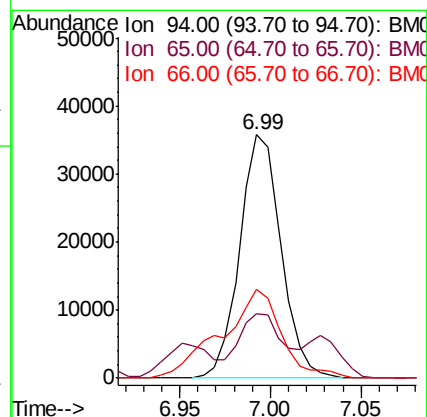
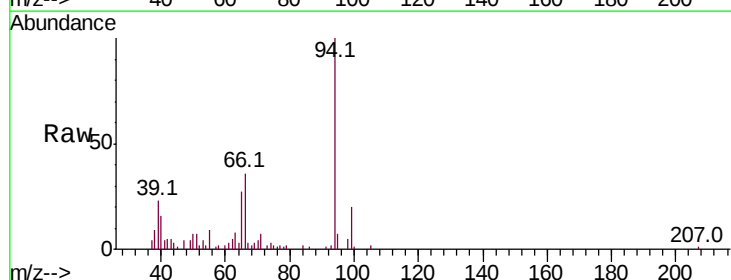
Tgt Ion: 94 Resp: 56769

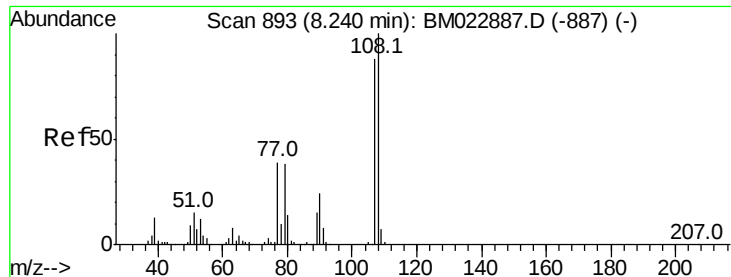
Ion Ratio Lower Upper

94 100

65 26.7 20.9 31.3

66 36.4 27.2 40.8





#11

2-Methylphenol

Concen: 1.003 ng/ul

RT: 8.24 min Scan# 893

Delta R.T. -0.01 min

Lab File: BM022907.D

Acq: 02 Oct 2019 23:50

Instrument :

BNA_M

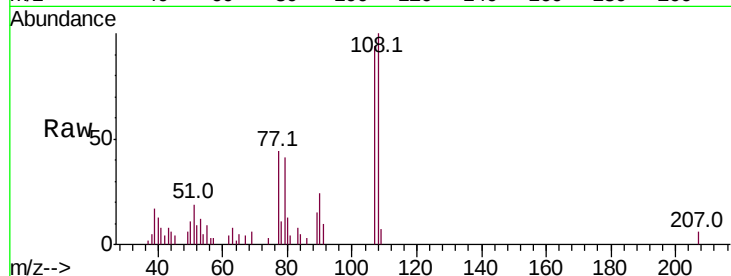
ClientSampled :

Tot Ion:108 Resp: 20727

Ion Ratio Lower Upper

108 100

107 93.6 71.0 106.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

15000

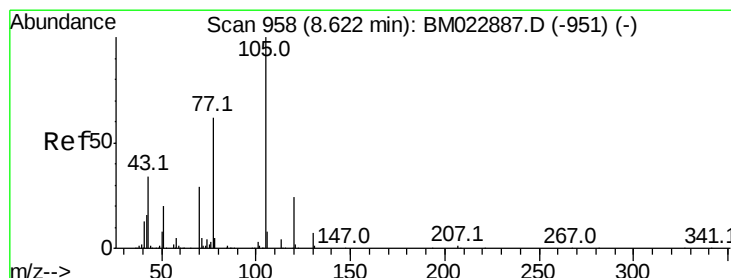
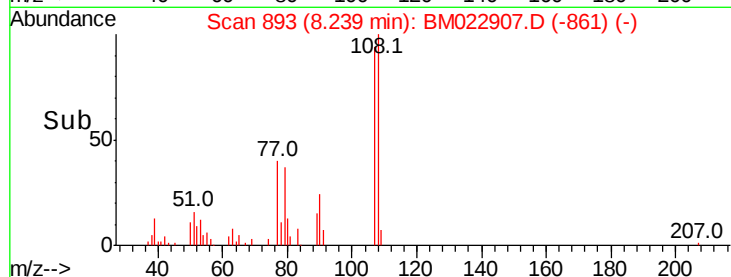
10000

5000

0

8.20 8.25

Time-->



#14

Acetophenone

Concen: 1.779 ng/ul

RT: 8.60 min Scan# 955

Delta R.T. -0.03 min

Lab File: BM022907.D

Acq: 02 Oct 2019 23:50

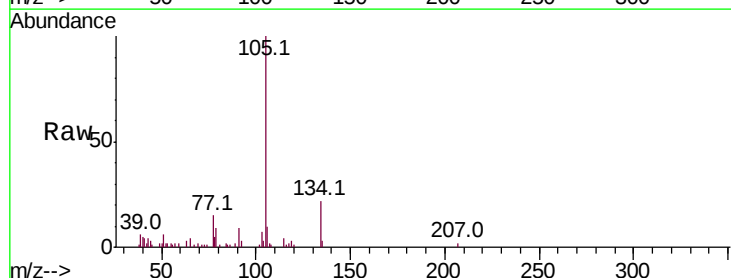
Tgt Ion:105 Resp: 56911

Ion Ratio Lower Upper

105 100

77 15.4 59.4 89.0#

51 5.6 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

40000

30000

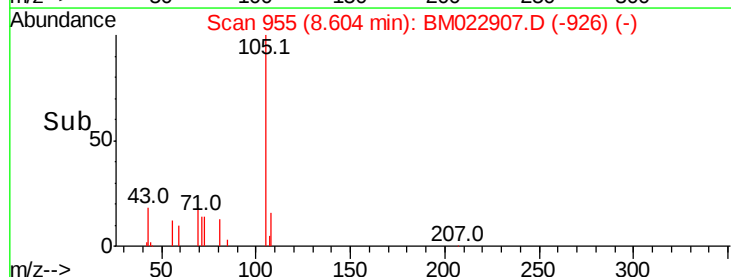
20000

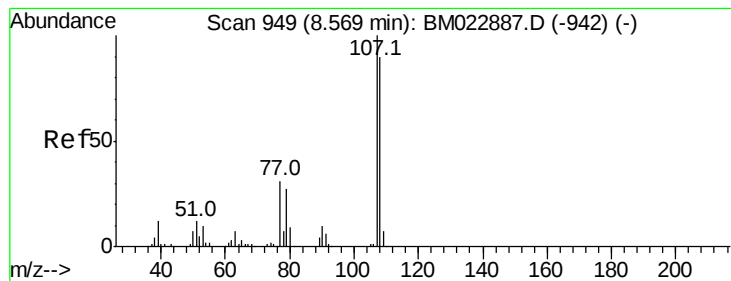
10000

0

8.55 8.60 8.65

Time-->





#16

4-Methylphenol

Concen: 2.189 ng/ul

RT: 8.57 min Scan# 949

Delta R.T. -0.01 min

Lab File: BM022907.D

Acq: 02 Oct 2019 23:50

Instrument :

BNA_M

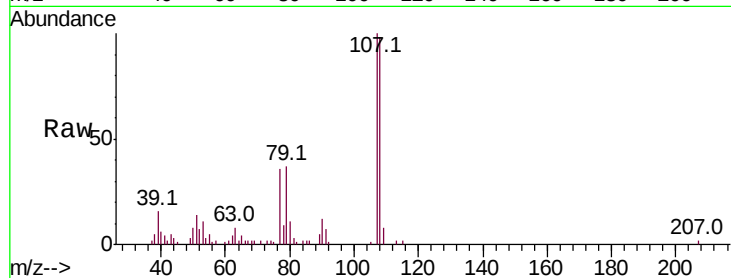
ClientSampleId :

Tot Ion:108 Resp: 49987

Ion Ratio Lower Upper

108 100

107 102.0 87.9 131.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

30000

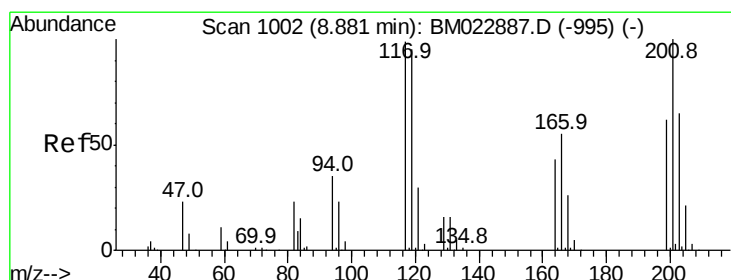
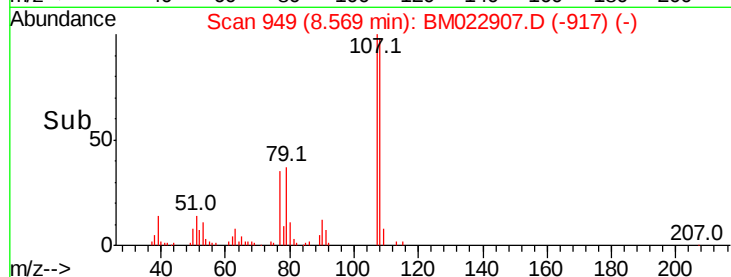
20000

10000

0

8.50 8.55 8.60

Time-->



#17

Hexachloroethane

Concen: 4.342 ng/ul

RT: 8.90 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BM022907.D

Acq: 02 Oct 2019 23:50

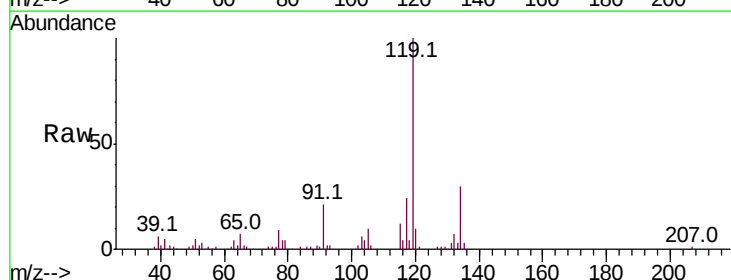
Tgt Ion:117 Resp: 36443

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

60000

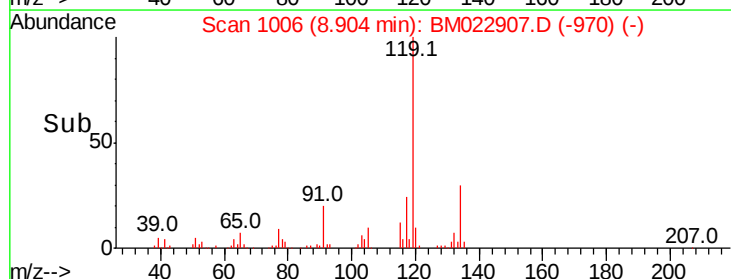
40000

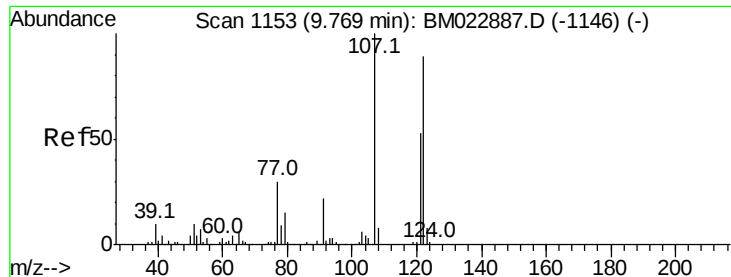
20000

0

8.85 8.90 8.95

Time-->





#24

2,4-Dimethylphenol

Concen: 3.722 ng/ul

RT: 9.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BM022907.D

Acq: 02 Oct 2019 23:50

Instrument :

BNA_M

ClientSampleId :

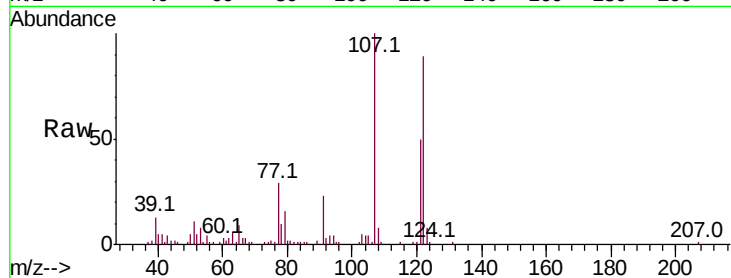
Tot Ion:107 Resp: 89423

Ion Ratio Lower Upper

107 100

121 50.0 43.0 64.4

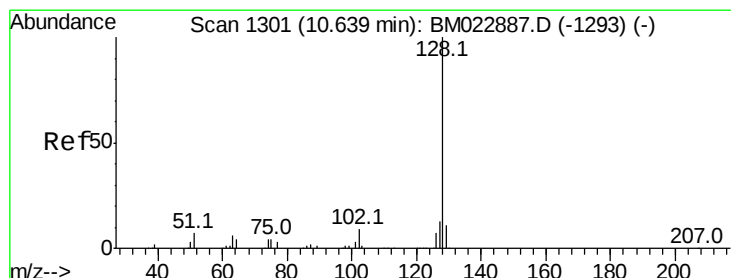
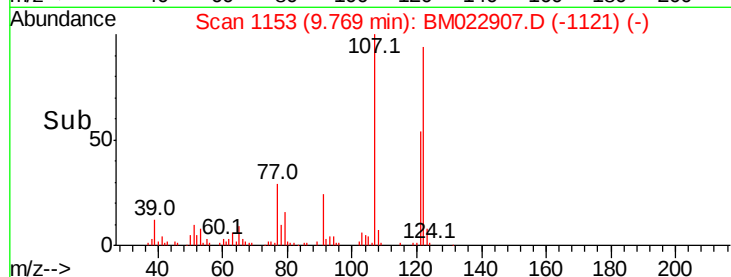
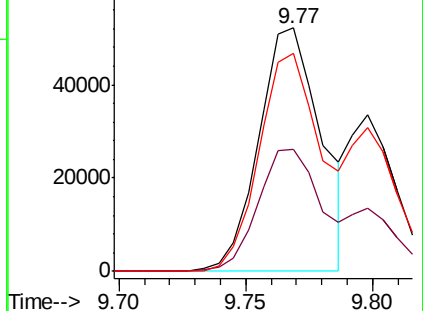
122 89.3 71.4 107.0



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: 13.964 ng/ul

RT: 10.64 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BM022907.D

Acq: 02 Oct 2019 23:50

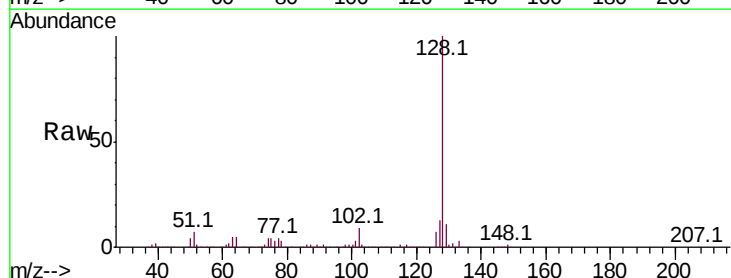
Tgt Ion:128 Resp: 965316

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

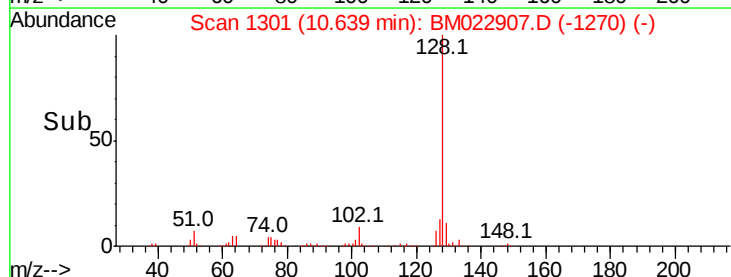
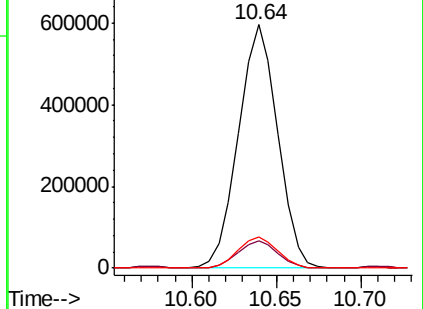
127 12.8 10.2 15.4

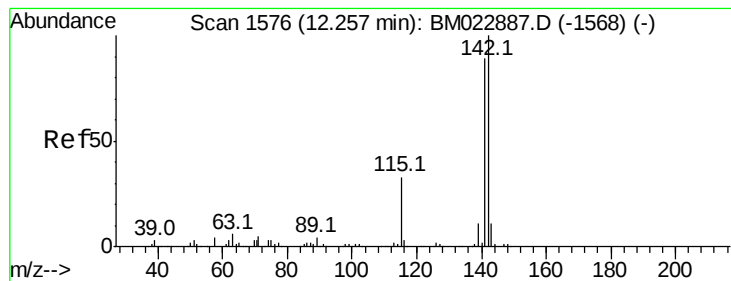


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#34

2-Methylnaphthalene

Concen: 7.706 ng/ul

RT: 12.25 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BM022907.D

Acq: 02 Oct 2019 23:50

Instrument :

BNA_M

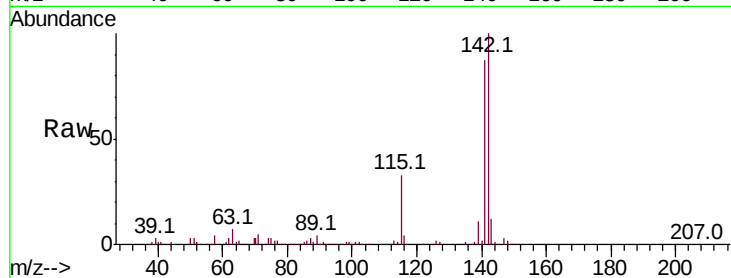
ClientSampleId :

Tot Ion:142 Resp: 399397

Ion Ratio Lower Upper

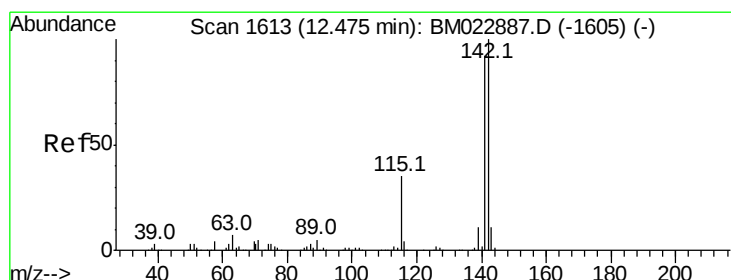
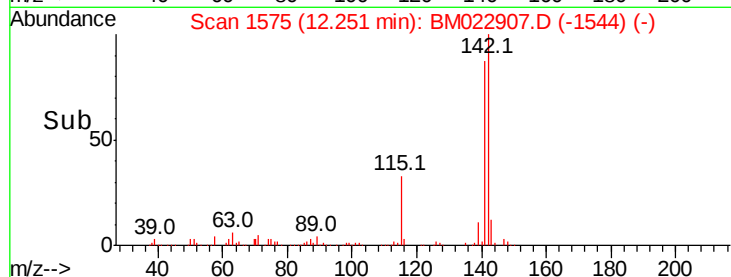
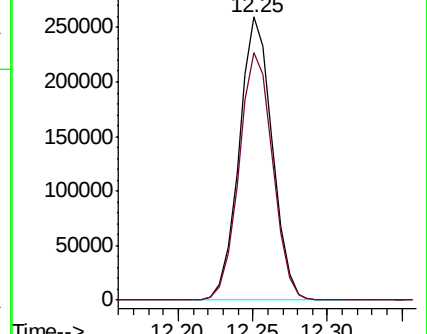
142 100

141 87.4 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: 5.160 ng/ul

RT: 12.47 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BM022907.D

Acq: 02 Oct 2019 23:50

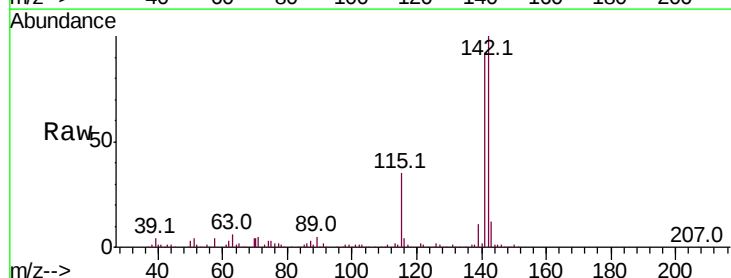
Tgt Ion:142 Resp: 255444

Ion Ratio Lower Upper

142 100

141 92.3 73.0 109.6

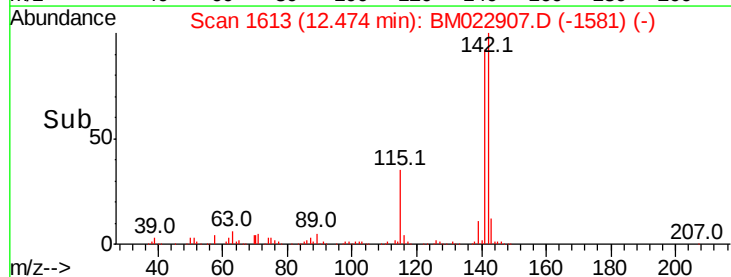
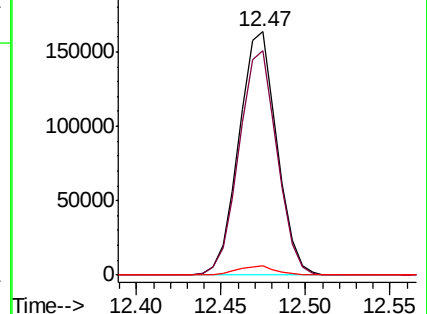
116 3.7 2.9 4.3

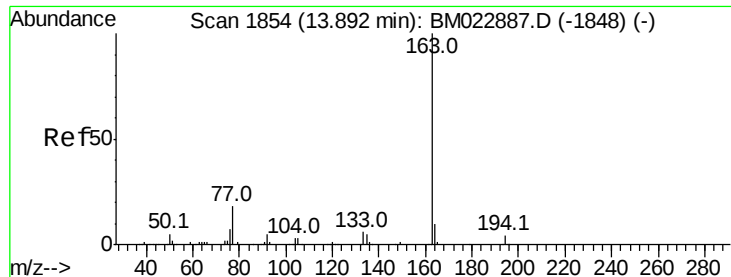


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#45

Dimethylphthalate

Concen: 12.188 ng/ul

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM022907.D

Acq: 02 Oct 2019 23:50

Instrument :

BNA_M

ClientSampleId :

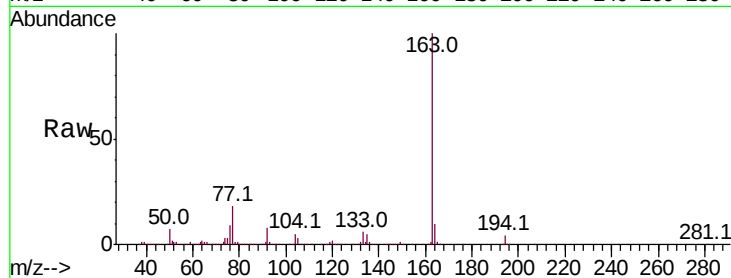
Tot Ion:163 Resp: 748662

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.0 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

