

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
 Data File : BM022890.D
 Acq On : 02 Oct 2019 13:28
 Operator : JU
 Sample : K4983-19
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 03 00:58:19 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	244363	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.59	136	1045231	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.43	164	579946	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	991280	20.00	ng/ul	-0.01
78) Chrysene-d12	21.36	240	839459	20.00	ng/ul	-0.01
86) Perylene-d12	23.62	264	998152	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	25368	4.49	ng/uL	0.00
5) Phenol-d5	6.97	99	109128	5.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	215797	18.26	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	264290	15.20	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	183745	10.39	ng/ul	-0.01
19) Nitrobenzene-d5	8.95	128	147203	18.25	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.67	143	158479	17.99	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.21	165	298046	16.99	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	344720	16.18	ng/ul	-0.01
44) Dimethylphthalate-d6	13.85	166	901027	20.02	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	1018961	19.61	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.63	143	37734	4.24	ng/ul	0.00
58) Fluorene-d10	15.43	176	745865	19.44	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	100067	15.51	ng/ul	-0.02
71) Anthracene-d10	17.27	188	1070503	22.11	ng/ul	-0.01
79) Pyrene-d10	19.56	212	1083706	23.99	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	1179302	22.84	ng/ul	-0.02

Target Compounds

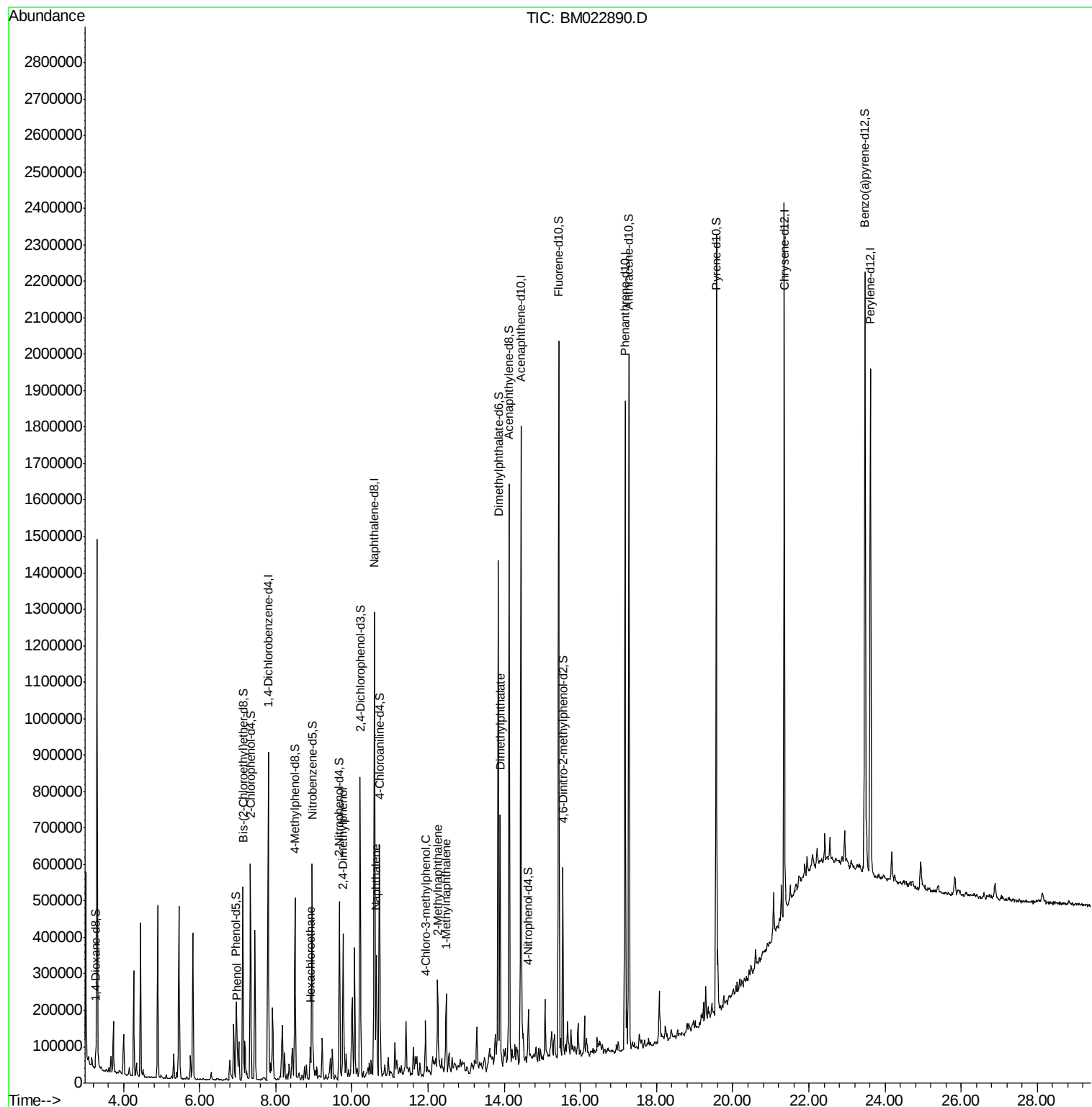
				Ovalue	
6) Phenol	6.99	94	42053	1.858	ng/ul 95
17) Hexachloroethane	8.91	117	9907	1.398	ng/ul# 6
24) 2,4-Dimethylphenol	9.77	107	154413	7.872	ng/ul 98
28) Naphthalene	10.64	128	245471	4.349	ng/ul 100
33) 4-Chloro-3-methylphenol	11.93	107	29411	1.609	ng/ul# 16
34) 2-Methylnaphthalene	12.25	142	122880	2.903	ng/ul 98
35) 1-Methylnaphthalene	12.47	142	91379	2.261	ng/ul 98
45) Dimethylphthalate	13.89	163	434099	9.389	ng/ul 99

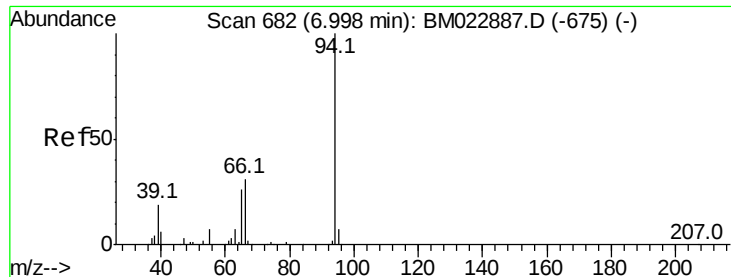
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.858 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM022890.D

Acq: 02 Oct 2019 13:28

Instrument :

BNA_M

ClientSampleId :

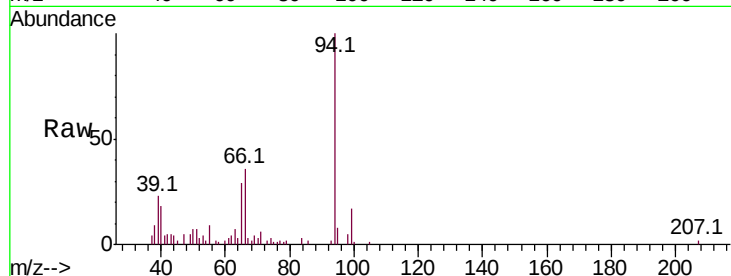
Tot Ion: 94 Resp: 42053

Ion Ratio Lower Upper

94 100

65 28.9 20.9 31.3

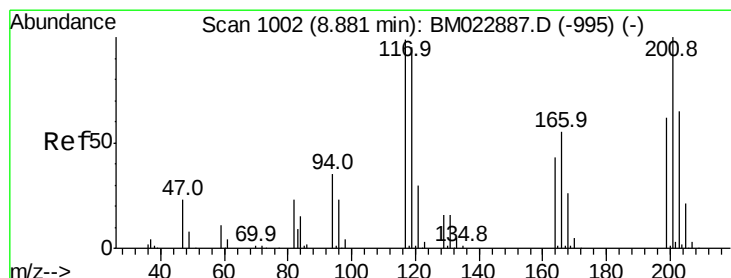
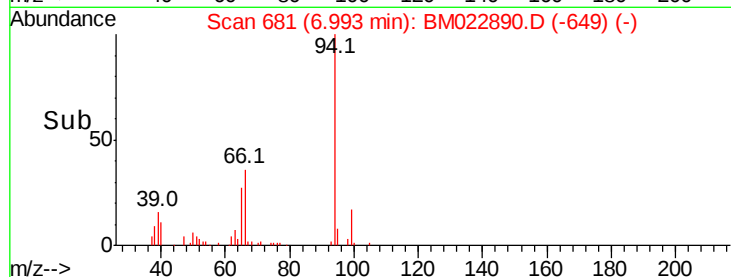
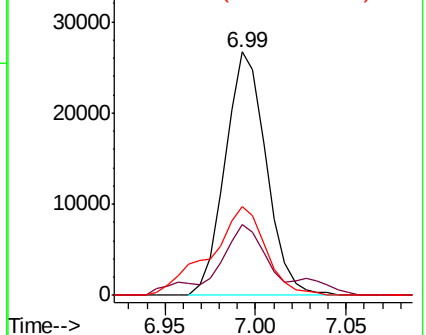
66 36.3 27.2 40.8



Abundance Ion 94.00 (93.70 to 94.70): BM022887.D (-675) (-)

Ion 65.00 (64.70 to 65.70): BM022887.D (-675) (-)

Ion 66.00 (65.70 to 66.70): BM022887.D (-675) (-)



#17

Hexachloroethane

Concen: 1.398 ng/ul

RT: 8.91 min Scan# 1007

Delta R.T. 0.02 min

Lab File: BM022890.D

Acq: 02 Oct 2019 13:28

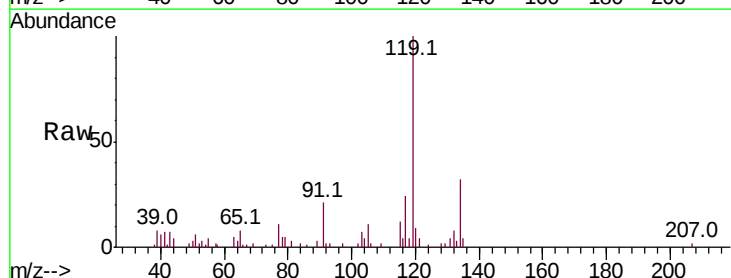
Tgt Ion: 117 Resp: 9907

Ion Ratio Lower Upper

117 100

201 0.0 82.5 123.7#

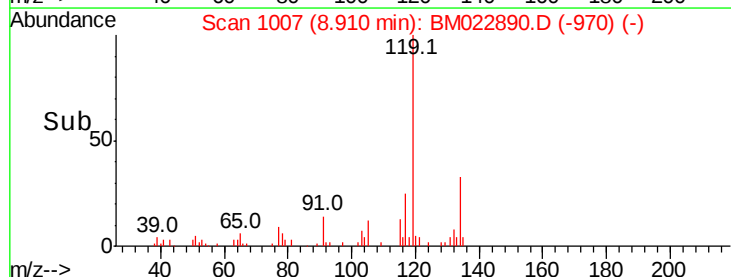
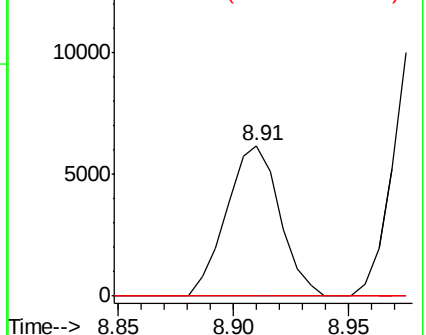
199 0.0 51.6 77.4#

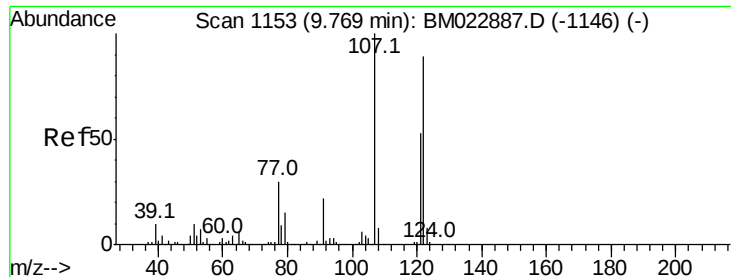


Abundance Ion 117.00 (116.70 to 117.70): BM022887.D (-995) (-)

Ion 201.00 (200.70 to 201.70): BM022887.D (-995) (-)

Ion 199.00 (198.70 to 199.70): BM022887.D (-995) (-)





#24

2,4-Dimethylphenol

Concen: 7.872 ng/ul

RT: 9.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BM022890.D

Acq: 02 Oct 2019 13:28

Instrument :

BNA_M

ClientSampleId :

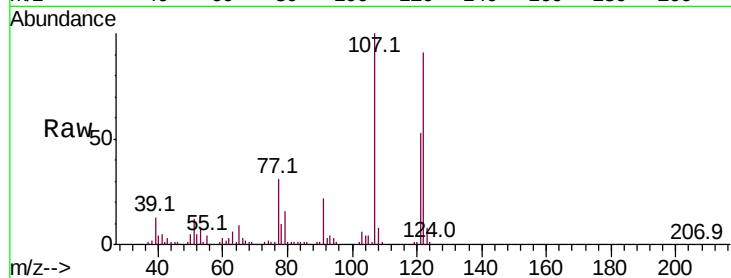
Tot Ion:107 Resp: 154413

Ion Ratio Lower Upper

107 100

121 52.5 43.0 64.4

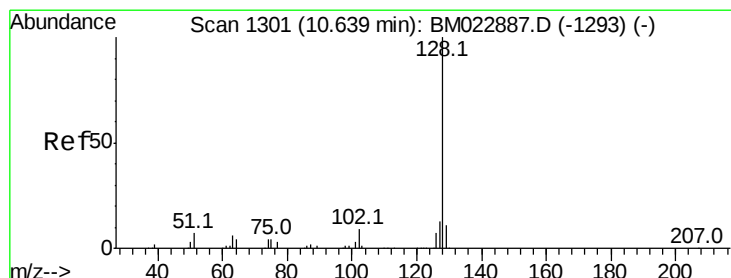
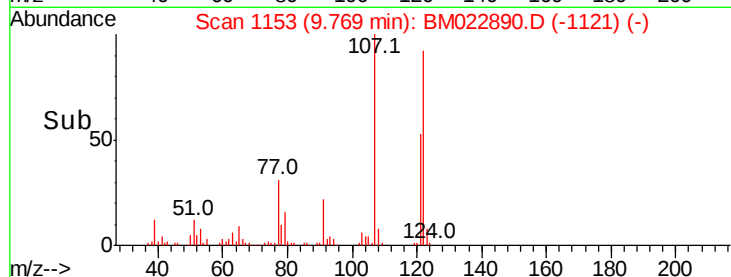
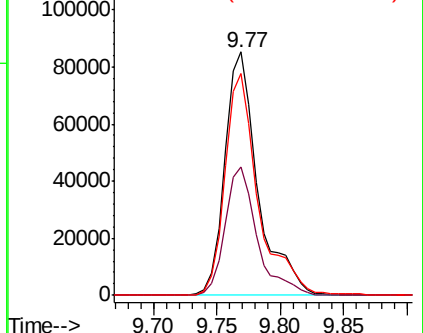
122 91.4 71.4 107.0



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: 4.349 ng/ul

RT: 10.64 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BM022890.D

Acq: 02 Oct 2019 13:28

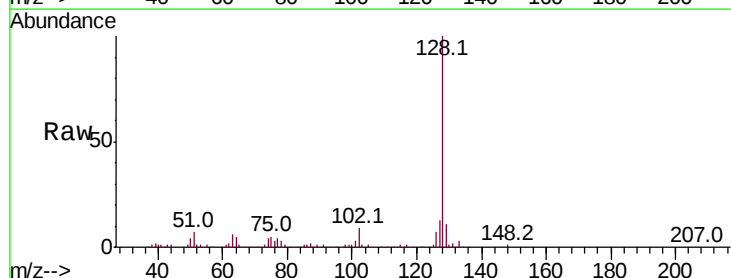
Tgt Ion:128 Resp: 245471

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

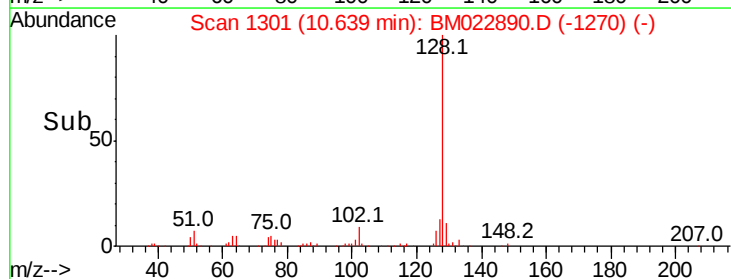
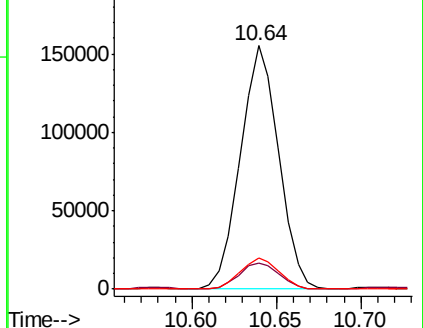
127 12.9 10.2 15.4

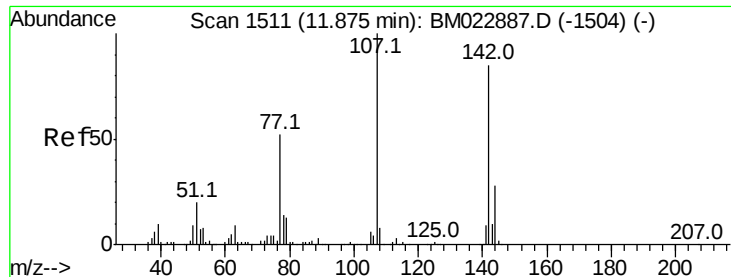


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

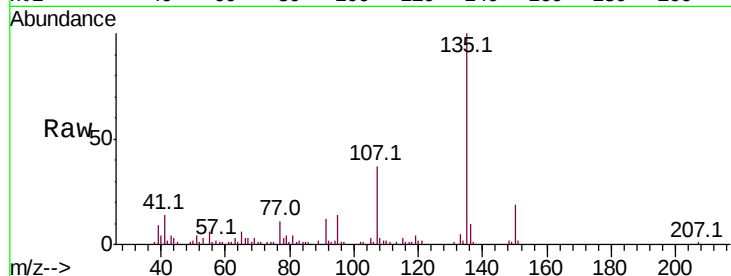




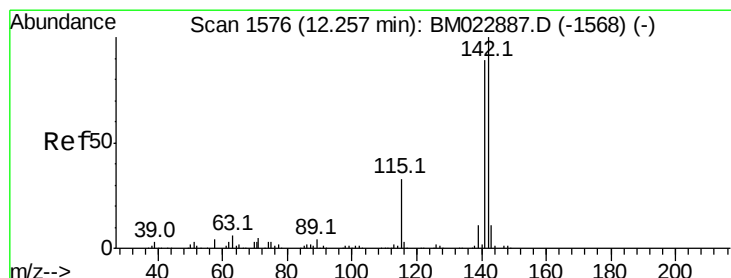
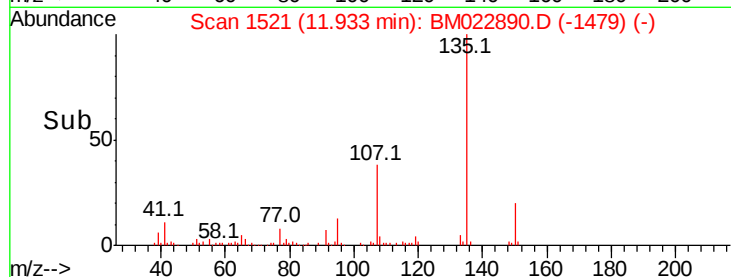
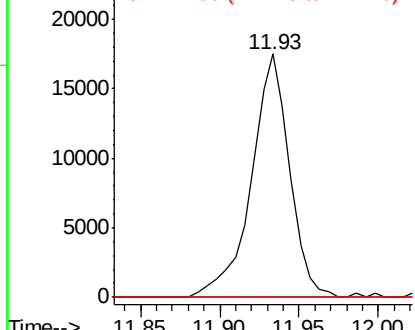
#33
 4-Chloro-3-methylphenol
 Concen: 1.609 ng/ul
 RT: 11.93 min Scan# 1521
 Delta R.T. 0.05 min
 Lab File: BM022890.D
 Acq: 02 Oct 2019 13:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:107 Resp: 29411
 Ion Ratio Lower Upper
 107 100
 144 0.0 22.5 33.7#
 142 0.0 68.9 103.3#

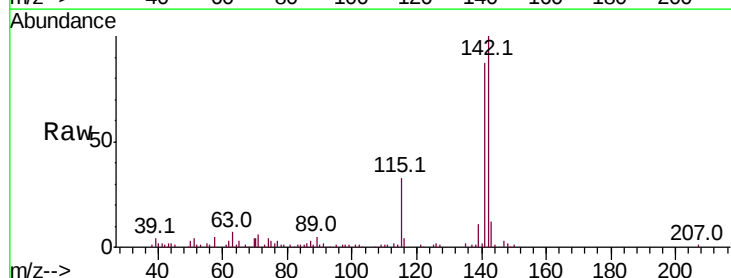


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

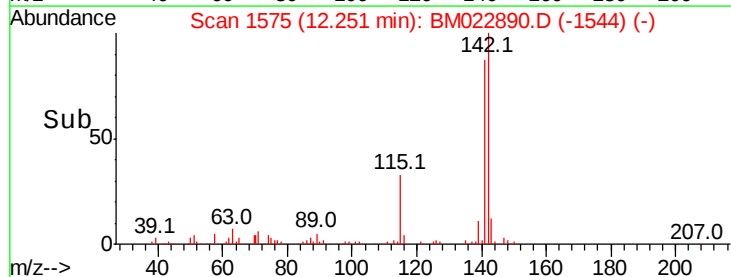
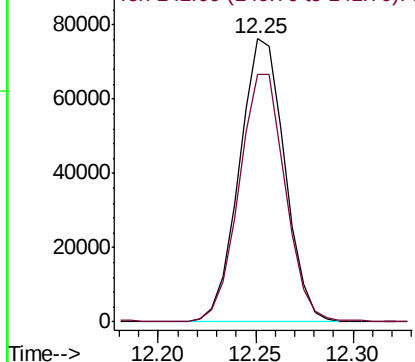


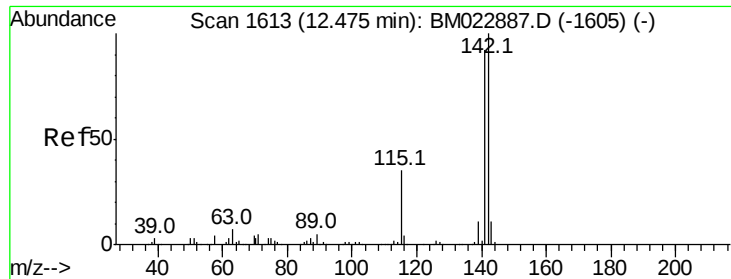
#34
 2-Methylnaphthalene
 Concen: 2.903 ng/ul
 RT: 12.25 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BM022890.D
 Acq: 02 Oct 2019 13:28

Tgt Ion:142 Resp: 122880
 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

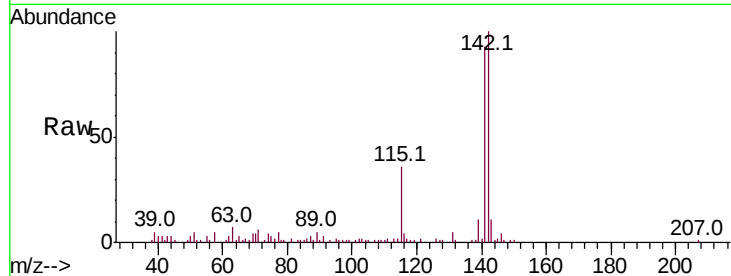




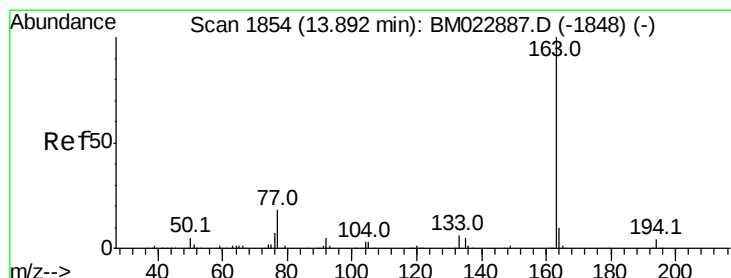
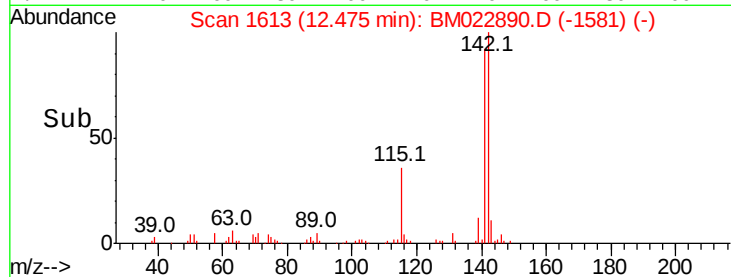
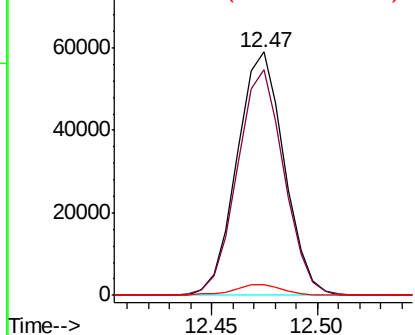
#35
1-Methylnaphthalene
Concen: 2.261 ng/ul
RT: 12.47 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM022890.D
Acq: 02 Oct 2019 13:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:142 Resp: 91379
Ion Ratio Lower Upper
142 100
141 92.8 73.0 109.6
116 4.2 2.9 4.3

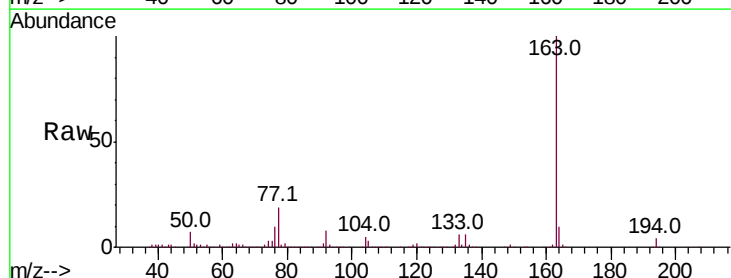


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



#45
Dimethylphthalate
Concen: 9.389 ng/ul
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM022890.D
Acq: 02 Oct 2019 13:28

Tgt Ion:163 Resp: 434099
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.8 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

