

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022964.D
 Acq On : 04 Oct 2019 19:05
 Operator : JU
 Sample : K4932-10DL 2X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDJ8DL

Quant Time: Oct 04 22:56:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 16:45:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	158578	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	699717	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	427963	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	742407	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	546576	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	624051	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	3422	0.93	ng/uL	0.00
5) Phenol-d5	6.96	99	68279	4.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	137640	17.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	169302	15.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	121754	10.61	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	99649	18.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	107688	18.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	201848	17.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	148299	10.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	629322	18.95	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	714284	18.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	17918	2.73	ng/ul	0.00
58) Fluorene-d10	15.42	176	508994	17.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	60954	12.62	ng/ul	0.00
71) Anthracene-d10	17.26	188	702390	19.37	ng/ul	0.00
79) Pyrene-d10	19.56	212	641101	21.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	623443	19.31	ng/ul	0.00

Target Compounds

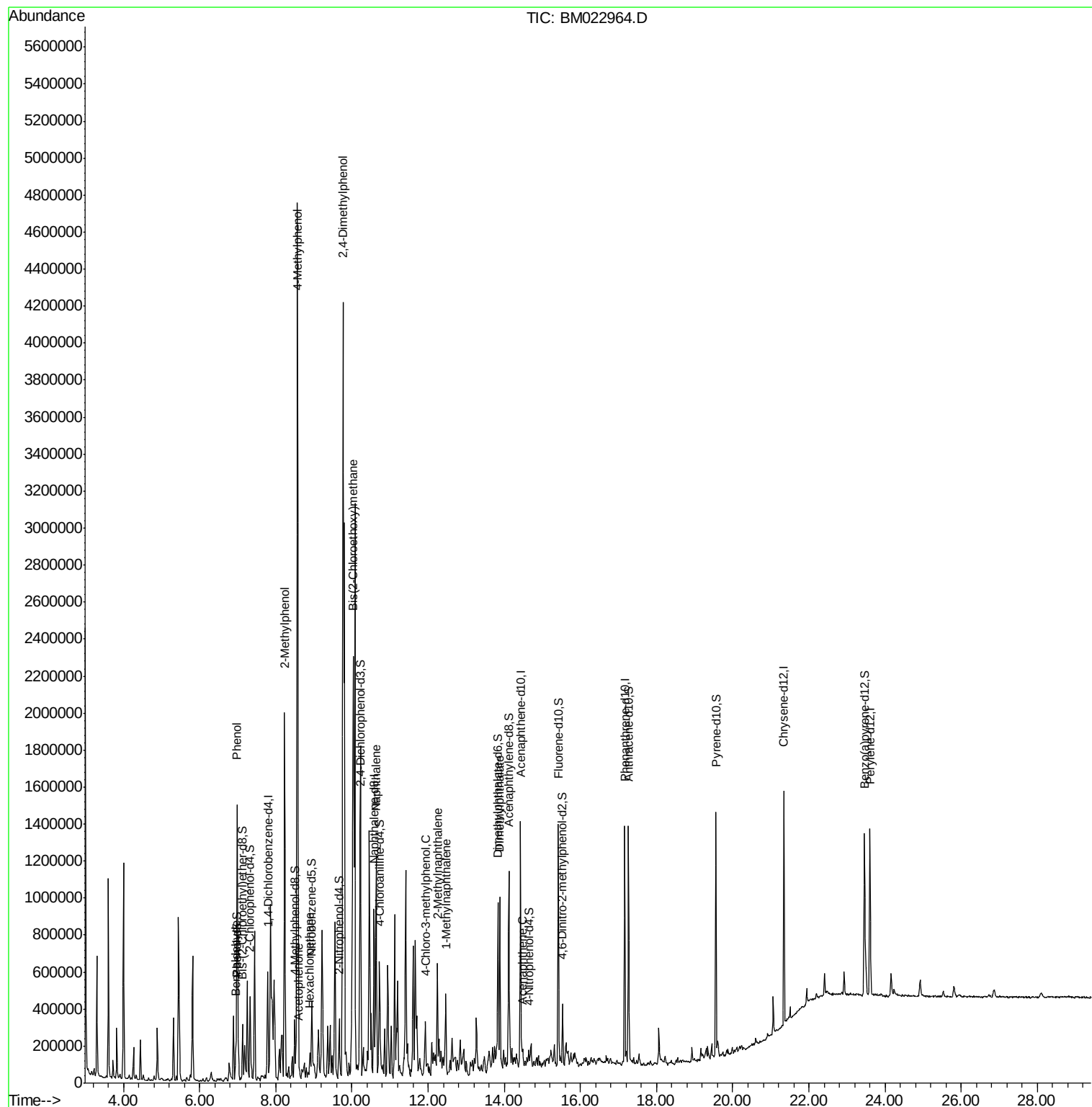
					Ovalue	
4) Benzaldehyde	6.95	77	11990	1.888	ng/ul#	1
6) Phenol	6.99	94	886509	60.354	ng/ul	100
11) 2-Methylphenol	8.23	108	687602	60.737	ng/ul	100
14) Acetophenone	8.61	105	42929	2.448	ng/ul	91
16) 4-Methylphenol	8.57	108	1950204	155.797	ng/ul	93
17) Hexachloroethane	8.90	117	16264	3.536	ng/ul#	6
24) 2,4-Dimethylphenol	9.77	107	1710297	130.246	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.03	93	33560	2.119	ng/ul#	1
28) Naphthalene	10.63	128	939696	24.867	ng/ul	100
33) 4-Chloro-3-methylphenol	11.93	107	67180	5.491	ng/ul#	16
34) 2-Methylnaphthalene	12.24	142	263136	9.287	ng/ul	99
35) 1-Methylnaphthalene	12.46	142	171963	6.355	ng/ul	99
45) Dimethylphthalate	13.89	163	623388	18.271	ng/ul	100
50) Acenaphthene	14.49	153	31803	1.103	ng/ul	97

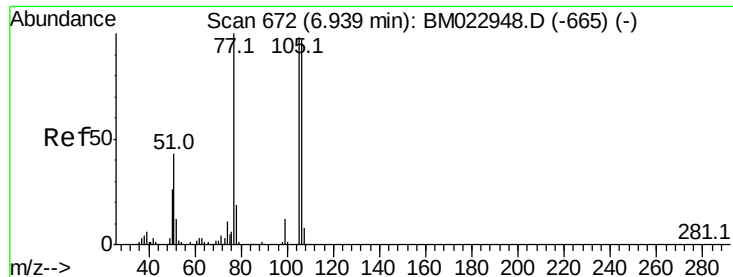
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.888 ng/ul

RT: 6.95 min Scan# 673

Delta R.T. 0.01 min

Lab File: BM022964.D

Acq: 04 Oct 2019 19:05

Instrument :

BNA_M

ClientSampleId :

BFDJ8DL

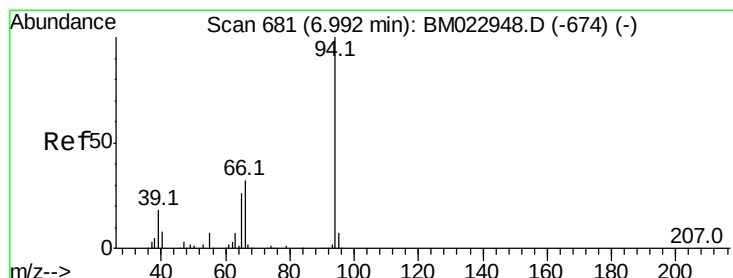
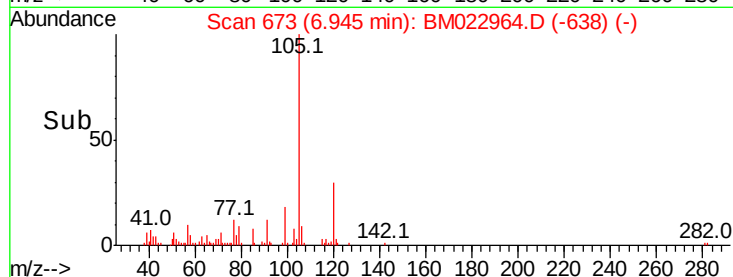
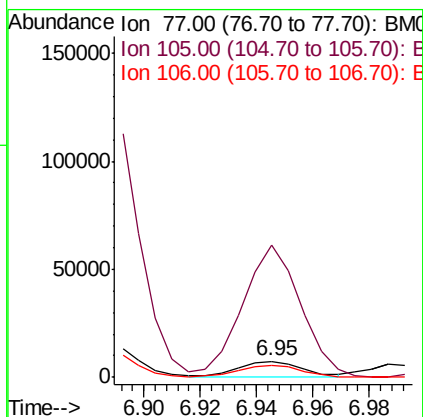
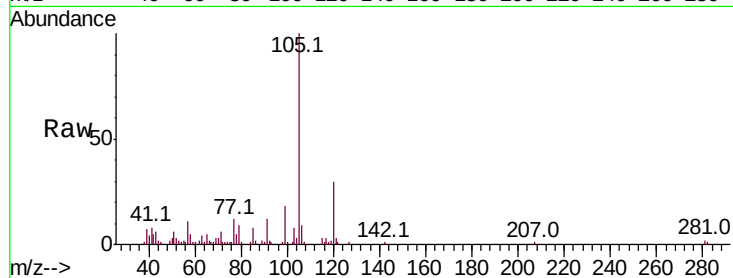
Tot Ion: 77 Resp: 11990

Ion Ratio Lower Upper

77 100

105 811.8 80.6 120.8#

106 74.5 77.0 115.6#



#6

Phenol

Concen: 60.354 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM022964.D

Acq: 04 Oct 2019 19:05

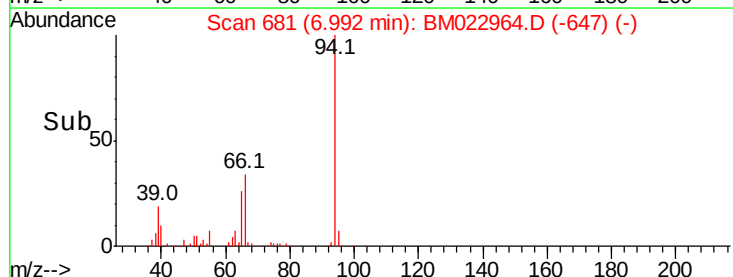
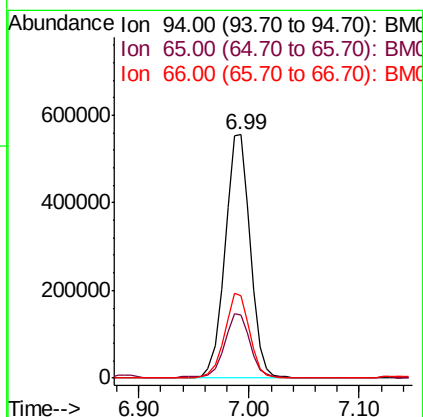
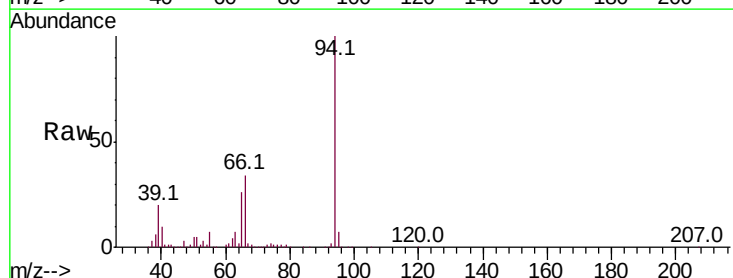
Tgt Ion: 94 Resp: 886509

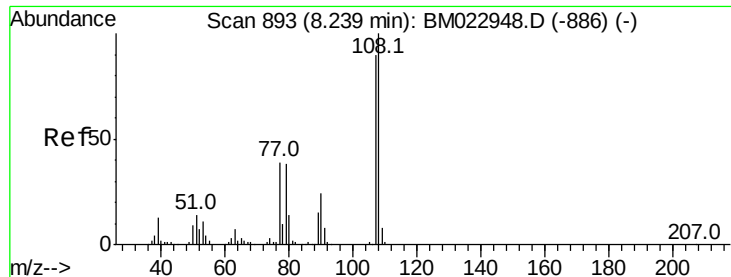
Ion Ratio Lower Upper

94 100

65 26.1 20.9 31.3

66 33.7 27.2 40.8





#11

2-Methylphenol

Concen: 60.737 ng/ul

RT: 8.23 min Scan# 892

Delta R.T. -0.01 min

Lab File: BM022964.D

Acq: 04 Oct 2019 19:05

Instrument :

BNA_M

ClientSampleId :

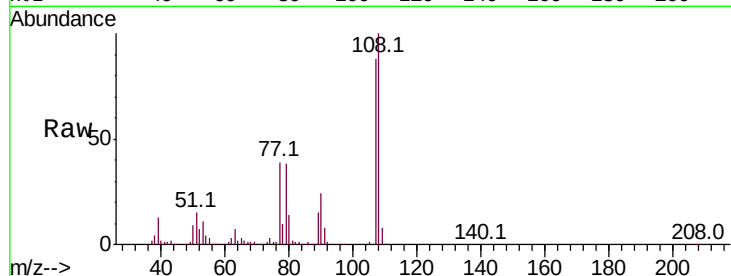
BFDJ8DL

Tot Ion:108 Resp: 687602

Ion Ratio Lower Upper

108 100

107 88.5 71.0 106.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.23

400000

300000

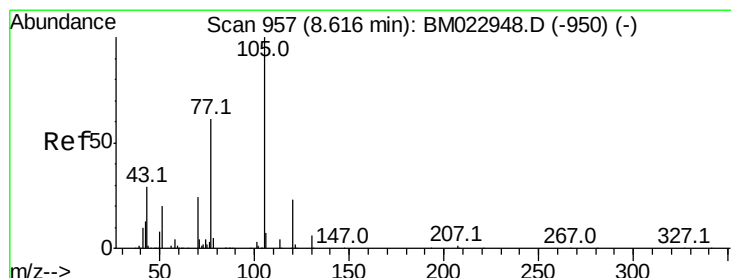
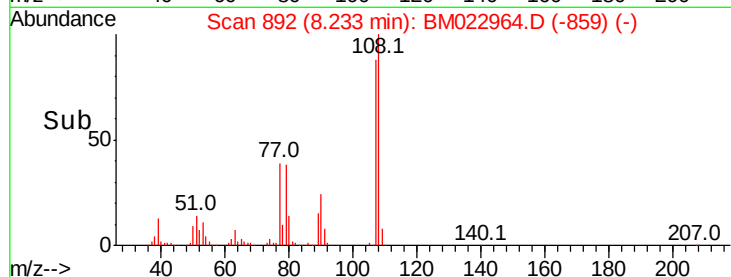
200000

100000

0

8.15 8.20 8.25 8.30 8.35

Time-->



#14

Acetophenone

Concen: 2.448 ng/ul

RT: 8.61 min Scan# 956

Delta R.T. -0.01 min

Lab File: BM022964.D

Acq: 04 Oct 2019 19:05

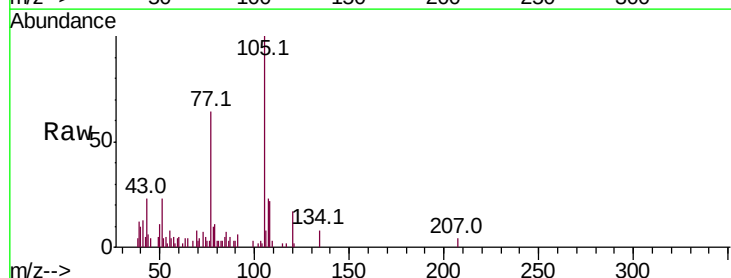
Tgt Ion:105 Resp: 42929

Ion Ratio Lower Upper

105 100

77 64.4 59.4 89.0

51 22.6 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

400000

300000

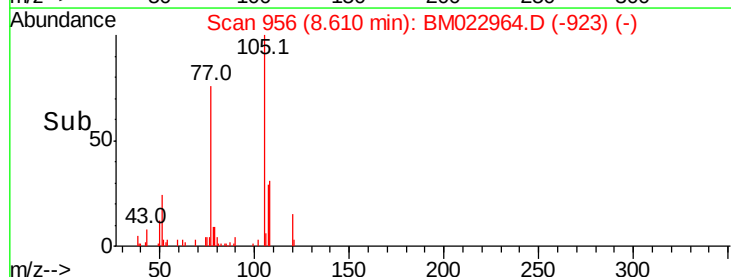
200000

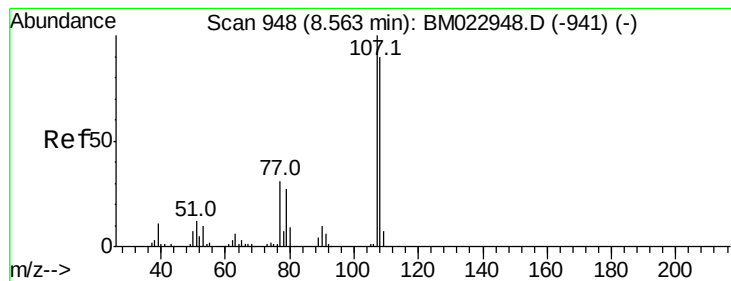
100000

0

8.55 8.60 8.65

Time-->





#16

4-Methylphenol

Concen: 155.797 ng/ul

RT: 8.57 min Scan# 949

Delta R.T. 0.01 min

Lab File: BM022964.D

Acq: 04 Oct 2019 19:05

Instrument :

BNA_M

ClientSampleId :

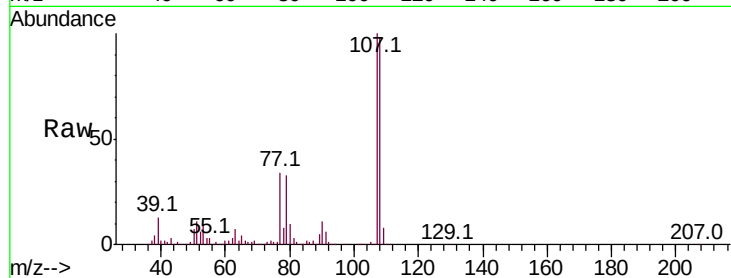
BFDJ8DL

Tot Ion:108 Resp: 1950204

Ion Ratio Lower Upper

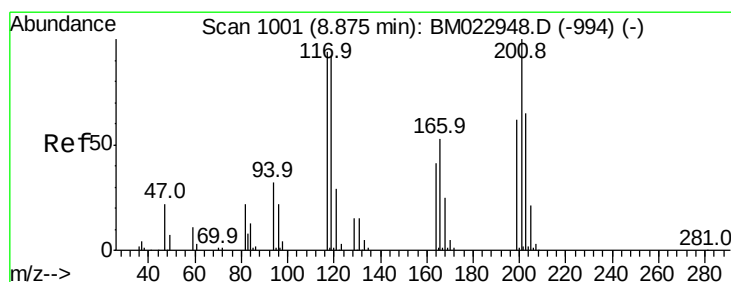
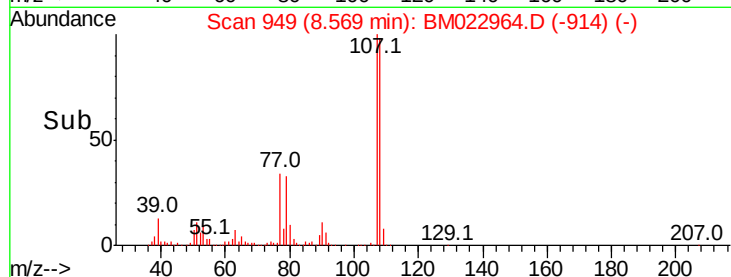
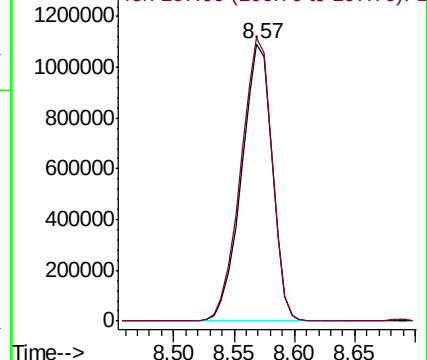
108 100

107 102.1 87.9 131.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#17

Hexachloroethane

Concen: 3.536 ng/ul

RT: 8.90 min Scan# 1005

Delta R.T. 0.02 min

Lab File: BM022964.D

Acq: 04 Oct 2019 19:05

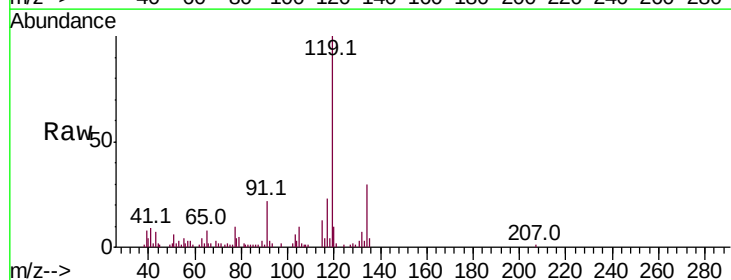
Tgt Ion:117 Resp: 16264

Ion Ratio Lower Upper

117 100

201 0.0 82.5 123.7#

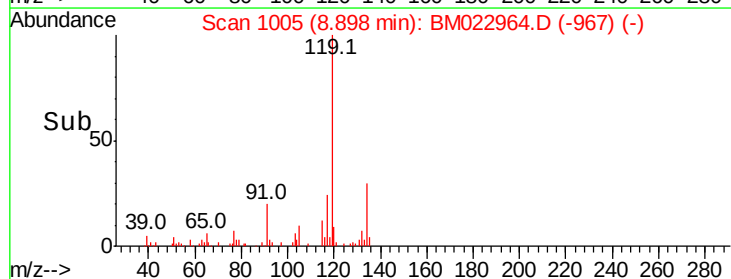
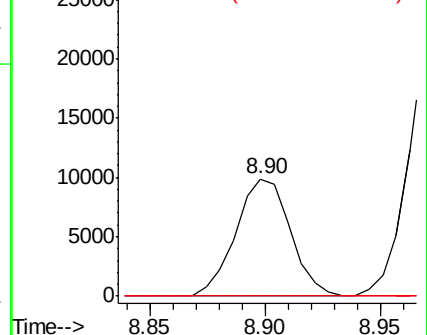
199 0.0 51.6 77.4#

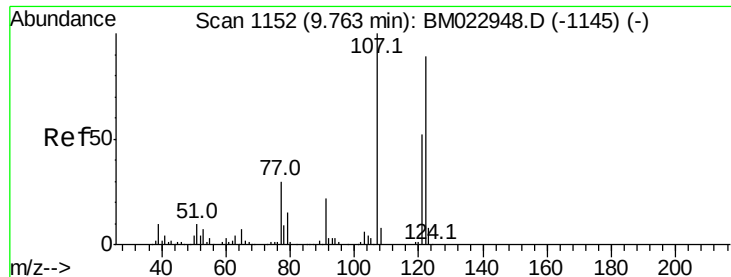


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#24

2,4-Dimethylphenol

Concen: 130.246 ng/ul

RT: 9.77 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BM022964.D

Acq: 04 Oct 2019 19:05

Instrument :

BNA_M

ClientSampleId :

BFDJ8DL

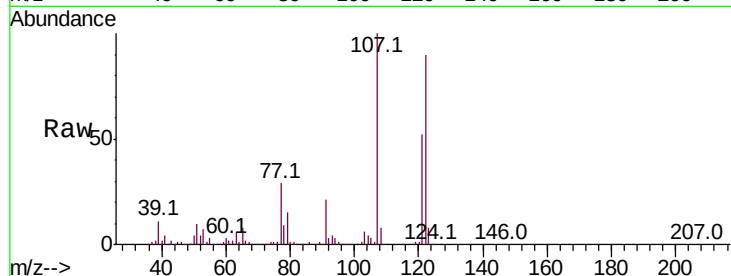
Tot Ion:107 Resp: 1710297

Ion Ratio Lower Upper

107 100

121 52.3 43.0 64.4

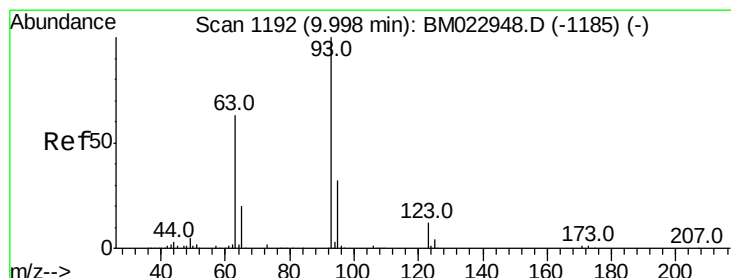
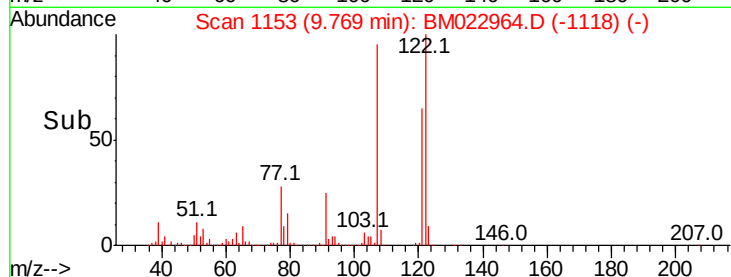
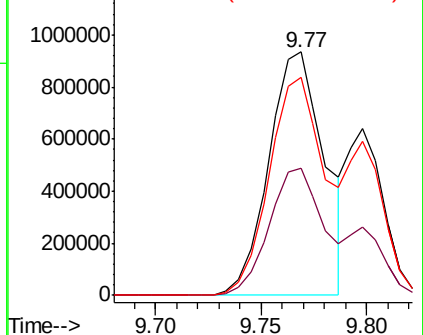
122 89.5 71.4 107.0



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



#25

Bis(2-Chloroethoxy)methane

Concen: 2.119 ng/ul

RT: 10.03 min Scan# 1198

Delta R.T. 0.04 min

Lab File: BM022964.D

Acq: 04 Oct 2019 19:05

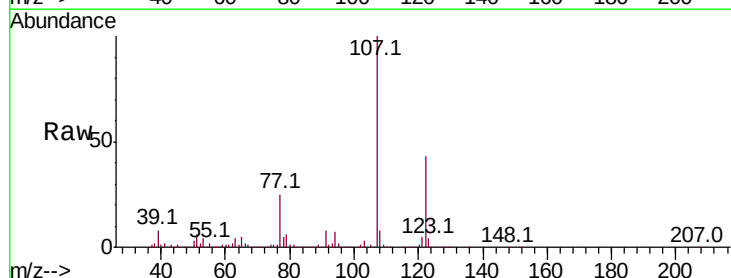
Tgt Ion: 93 Resp: 33560

Ion Ratio Lower Upper

93 100

95 86.2 25.7 38.5#

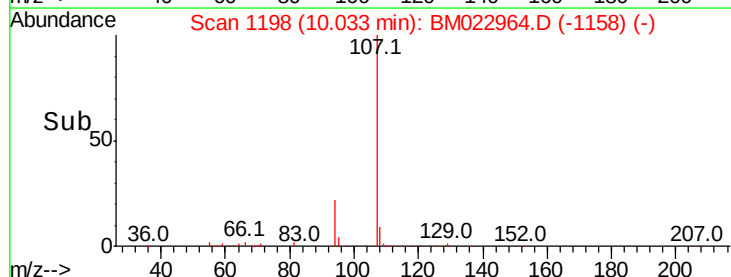
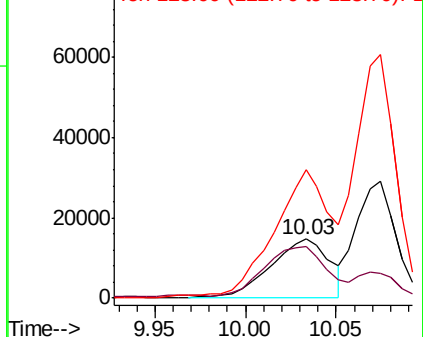
123 216.9 9.4 14.0#

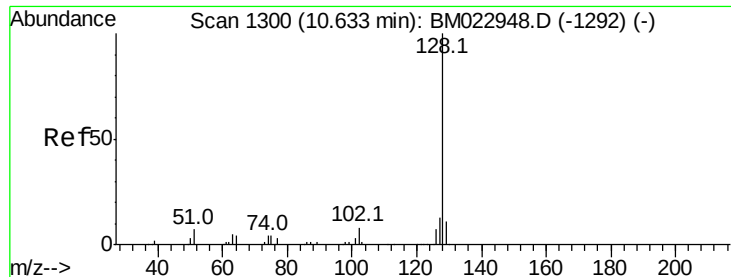


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

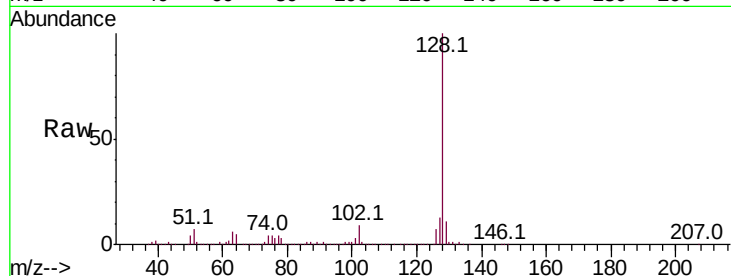




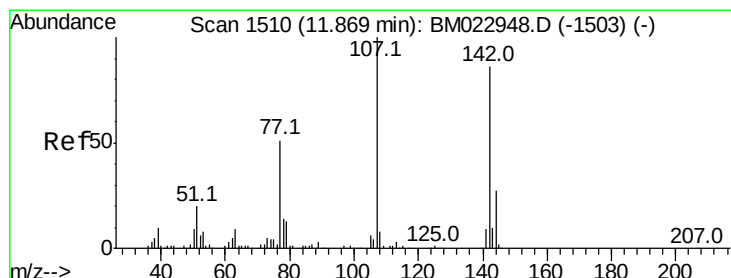
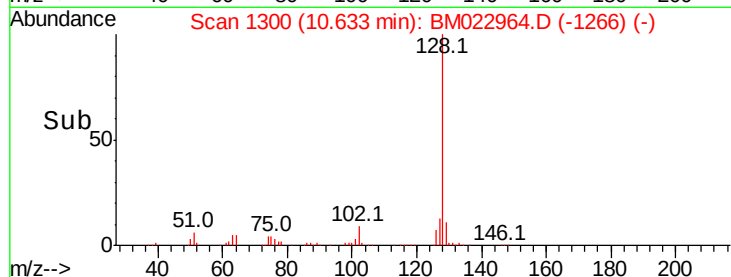
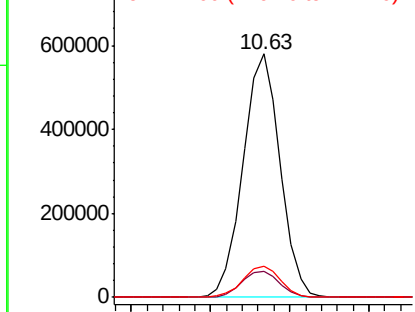
#28
Naphthalene
Concen: 24.867 ng/ul
RT: 10.63 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BM022964.D
Acq: 04 Oct 2019 19:05

Instrument :
BNA_M
ClientSampleId :
BFDJ8DL

Tot Ion:	128	Resp:	939696
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	12.8	10.2	15.4

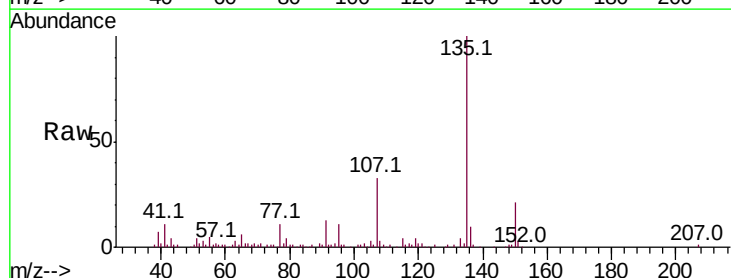


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

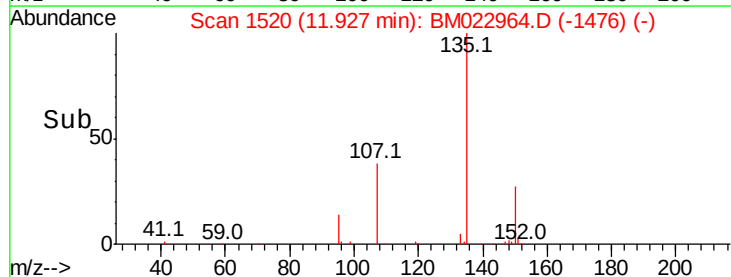
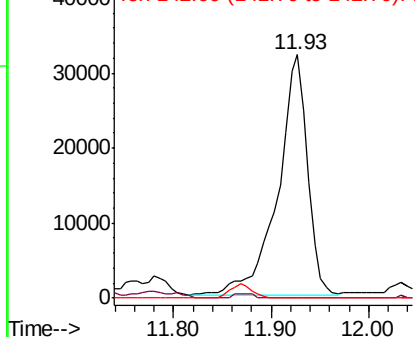


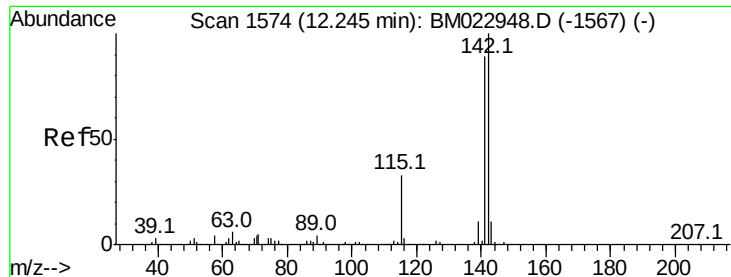
#33
4-Chloro-3-methylphenol
Concen: 5.491 ng/ul
RT: 11.93 min Scan# 1520
Delta R.T. 0.06 min
Lab File: BM022964.D
Acq: 04 Oct 2019 19:05

Tgt Ion:	107	Resp:	67180
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

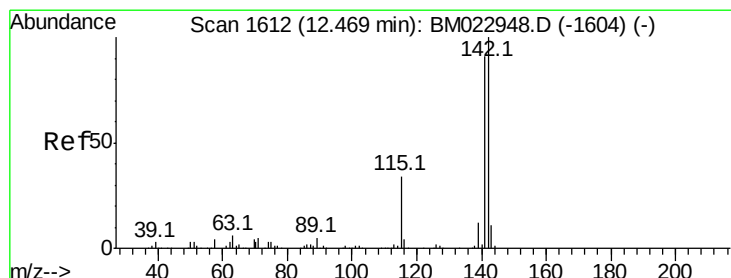
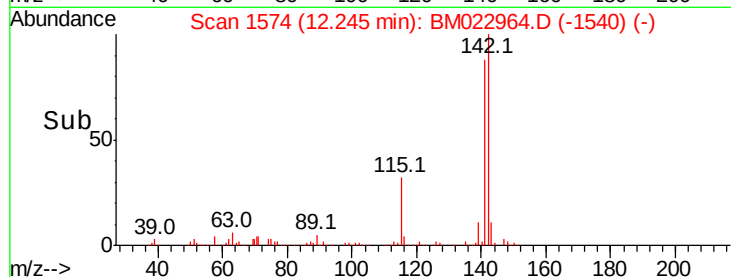
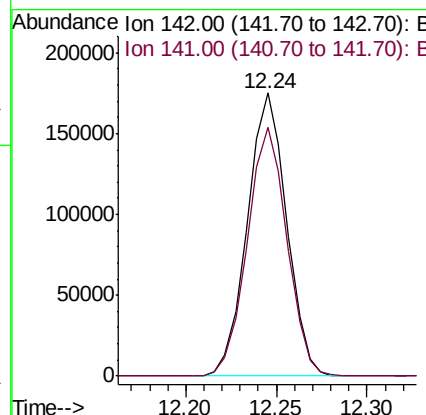
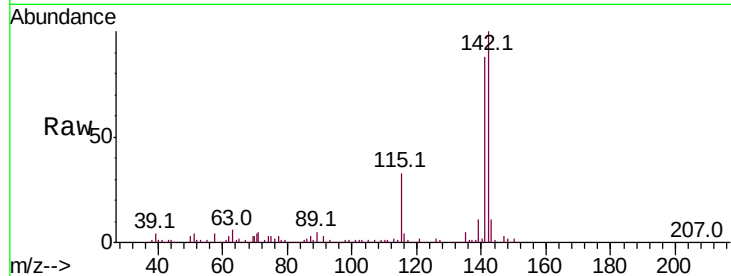




#34
2-Methylnaphthalene
Concen: 9.287 ng/ul
RT: 12.24 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BM022964.D
Acq: 04 Oct 2019 19:05

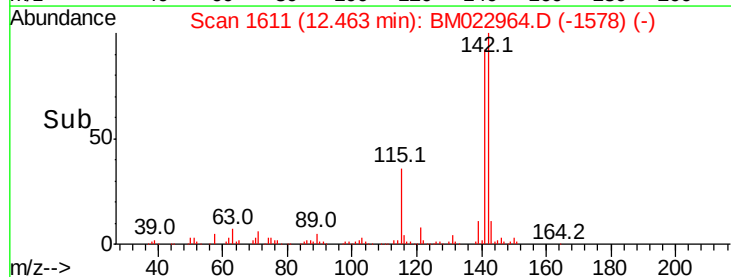
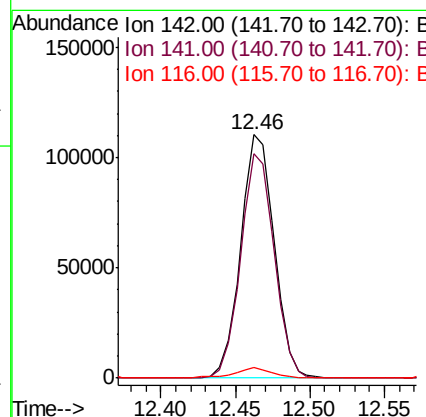
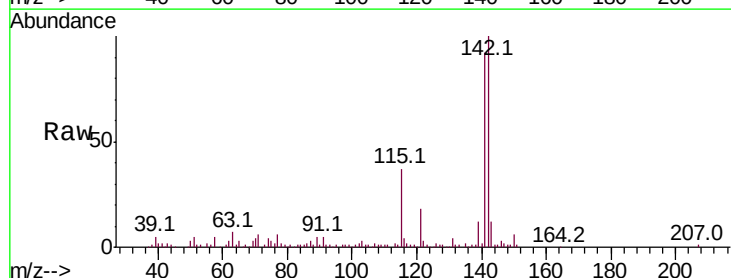
Instrument :
BNA_M
ClientSampleId :
BFDJ8DL

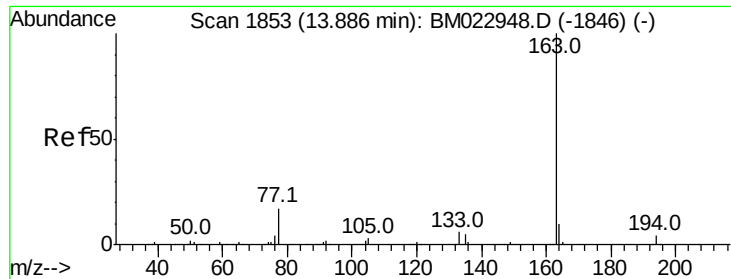
Tot Ion:142 Resp: 263136
Ion Ratio Lower Upper
142 100
141 88.1 71.2 106.8



#35
1-Methylnaphthalene
Concen: 6.355 ng/ul
RT: 12.46 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BM022964.D
Acq: 04 Oct 2019 19:05

Tgt Ion:142 Resp: 171963
Ion Ratio Lower Upper
142 100
141 92.0 73.0 109.6
116 4.2 2.9 4.3





#45

Dimethylphthalate

Concen: 18.271 ng/ul

RT: 13.89 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BM022964.D

Acq: 04 Oct 2019 19:05

Instrument :

BNA_M

ClientSampleId :

BFDJ8DL

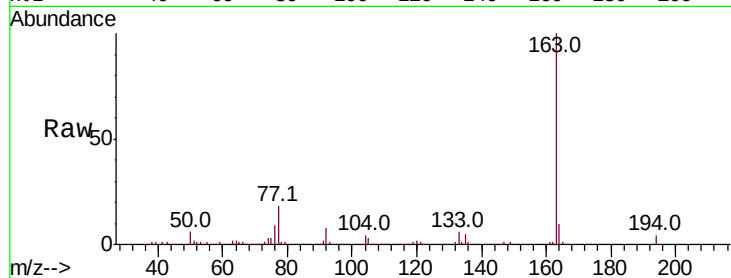
Tot Ion:163 Resp: 623388

Ion Ratio Lower Upper

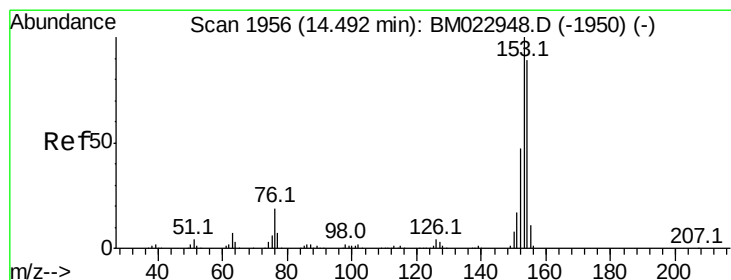
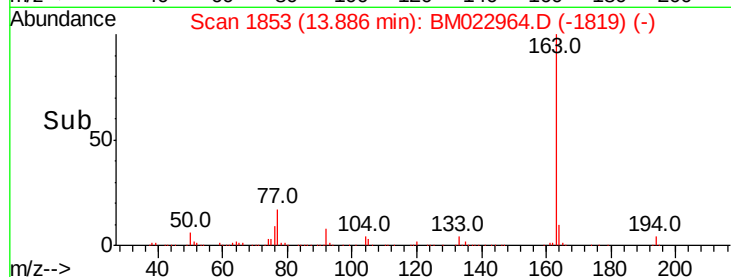
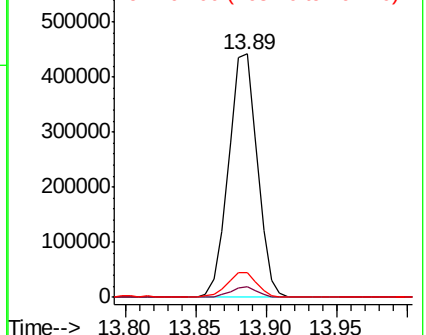
163 100

194 4.2 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: 1.103 ng/ul

RT: 14.49 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BM022964.D

Acq: 04 Oct 2019 19:05

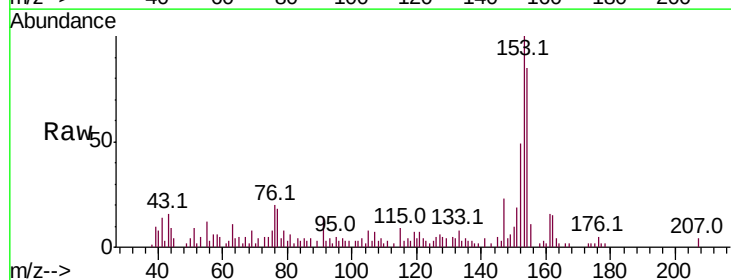
Tgt Ion:153 Resp: 31803

Ion Ratio Lower Upper

153 100

152 49.4 38.1 57.1

154 85.2 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

