

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022963.D
 Acq On : 04 Oct 2019 18:29
 Operator : JU
 Sample : K4932-10RE
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 04 22:56:35 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	188287	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	730302	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	403408	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	699349	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	634414	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	758487	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	25948	5.96	ng/uL	0.00
5) Phenol-d5	6.96	99	124012	7.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	249513	27.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	315874	23.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	205820	15.11	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	174908	31.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	189312	30.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	326008	26.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	224745	15.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	926869	29.60	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	1087049	30.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.64	143	32912	5.32	ng/ul	0.01
58) Fluorene-d10	15.42	176	763765	28.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	103872	22.82	ng/ul	0.00
71) Anthracene-d10	17.26	188	1075395	31.49	ng/ul	0.00
79) Pyrene-d10	19.56	212	1100874	32.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	1243295	31.69	ng/ul	0.00

Target Compounds

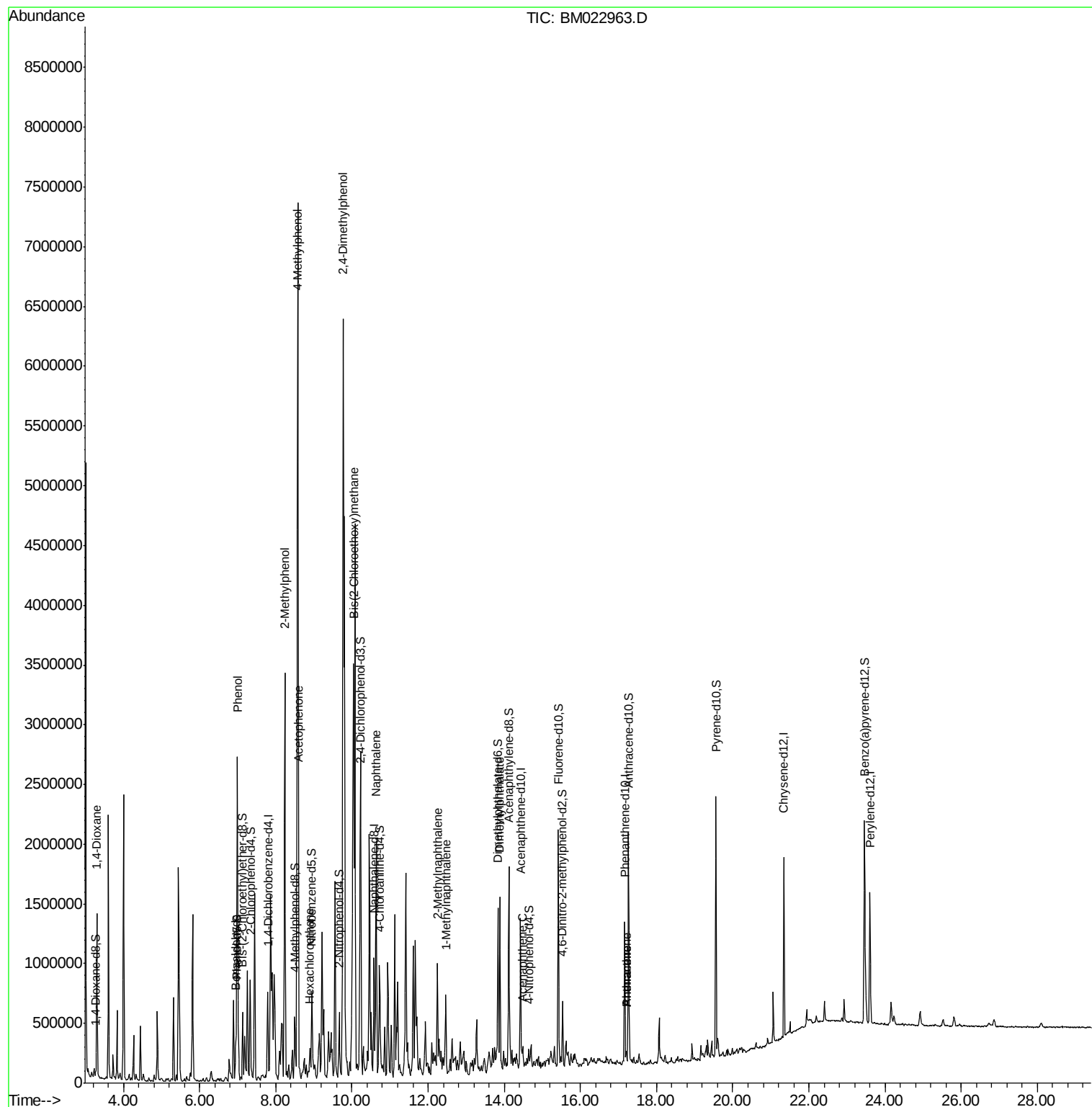
				Ovalue	
2) 1,4-Dioxane	3.30	88	6222	1.445	ng/uL# 1
4) Benzaldehyde	6.95	77	22849	3.031	ng/ul# 1
6) Phenol	6.99	94	1577419	90.447	ng/ul 100
11) 2-Methylphenol	8.24	108	1184887	88.149	ng/ul 100
14) Acetophenone	8.60	105	68349	3.282	ng/ul# 1
16) 4-Methylphenol	8.58	108	3165232	212.964	ng/ul 91
17) Hexachloroethane	8.90	117	29878	5.471	ng/ul# 6
24) 2,4-Dimethylphenol	9.77	107	2537761	185.167	ng/ul 99
25) Bis(2-Chloroethoxy)methane	10.04	93	51883	3.139	ng/ul# 1
28) Naphthalene	10.63	128	1580837	40.081	ng/ul 99
34) 2-Methylnaphthalene	12.25	142	421331	14.248	ng/ul 99
35) 1-Methylnaphthalene	12.46	142	275749	9.763	ng/ul 100
45) Dimethylphthalate	13.89	163	910501	28.310	ng/ul 99
50) Acenaphthene	14.49	153	47410	1.744	ng/ul 99
70) Phenanthrene	17.21	178	57331	1.374	ng/ul 97
72) Anthracene	17.21	178	57522	1.353	ng/ul 96

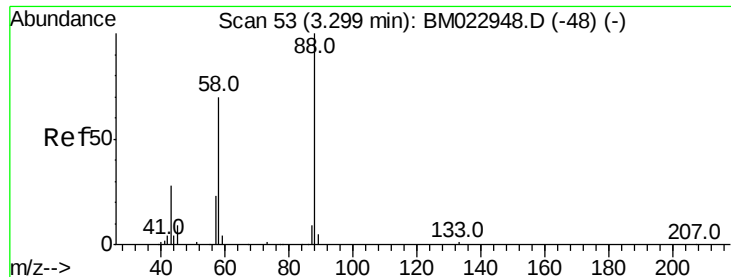
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022963.D
Acq On : 04 Oct 2019 18:29
Operator : JU
Sample : K4932-10RE
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 04 22:56:35 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





#2

1,4-Dioxane

Concen: 1.445 ng/uL

RT: 3.30 min Scan# 54

Delta R.T. 0.01 min

Lab File: BM022963.D

Acq: 04 Oct 2019 18:29

Instrument :

BNA_M

ClientSampled :

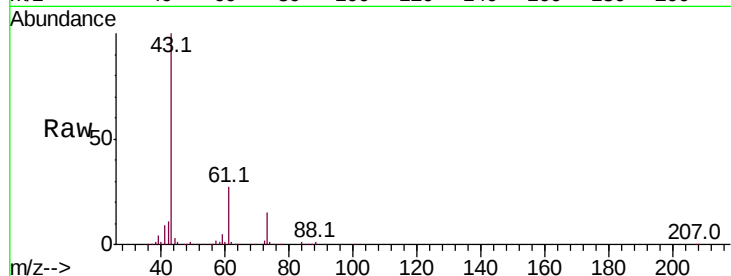
Tot Ion: 88 Resp: 6222

Ion Ratio Lower Upper

88 100

43 14121.1 25.3 37.9#

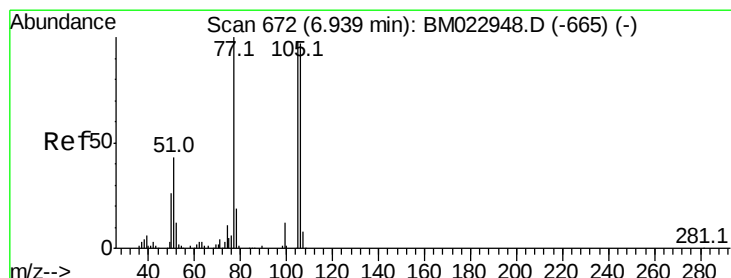
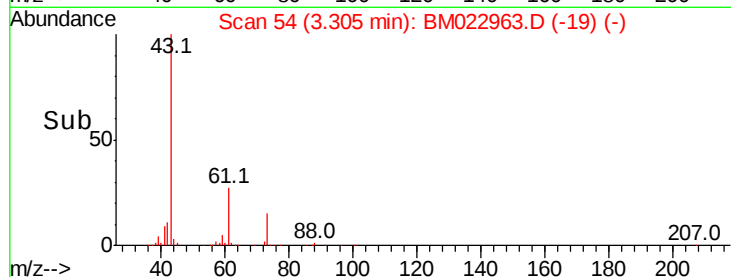
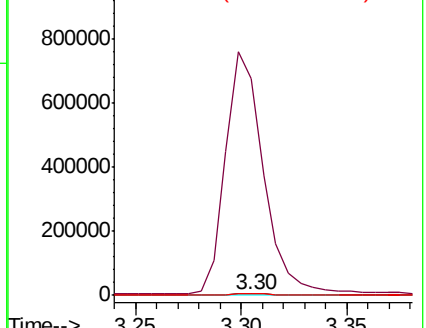
58 106.0 56.6 84.8#



Abundance Ion 88.00 (87.70 to 88.70): BM022948.D (-48) (-)

Ion 43.00 (42.70 to 43.70): BM022948.D (-48) (-)

Ion 58.00 (57.70 to 58.70): BM022948.D (-48) (-)



#4

Benzaldehyde

Concen: 3.031 ng/uL

RT: 6.95 min Scan# 673

Delta R.T. 0.01 min

Lab File: BM022963.D

Acq: 04 Oct 2019 18:29

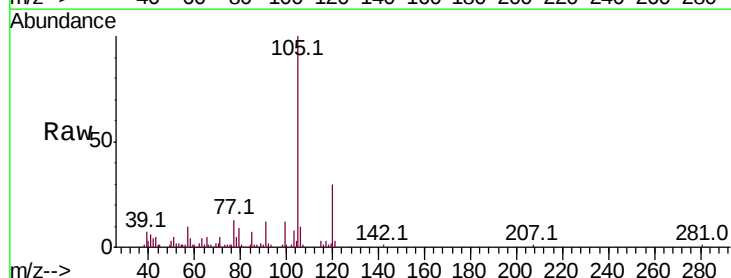
Tgt Ion: 77 Resp: 22849

Ion Ratio Lower Upper

77 100

105 793.0 80.6 120.8#

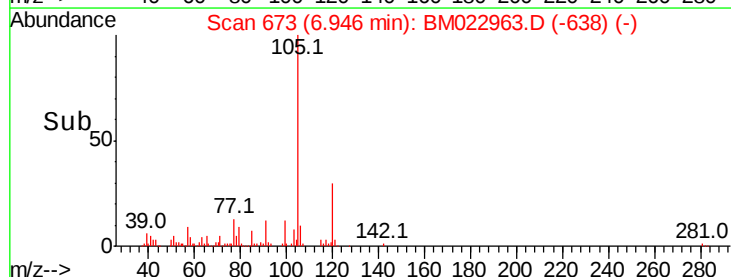
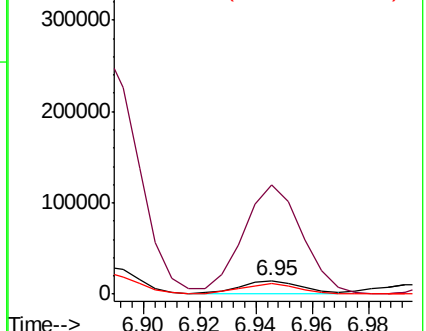
106 76.6 77.0 115.6#

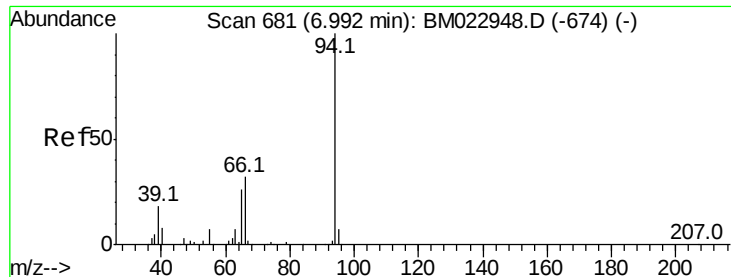


Abundance Ion 77.00 (76.70 to 77.70): BM022948.D (-665) (-)

Ion 105.00 (104.70 to 105.70): BM022948.D (-665) (-)

Ion 106.00 (105.70 to 106.70): BM022948.D (-665) (-)





#6

Phenol

Concen: 90.447 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM022963.D

Acq: 04 Oct 2019 18:29

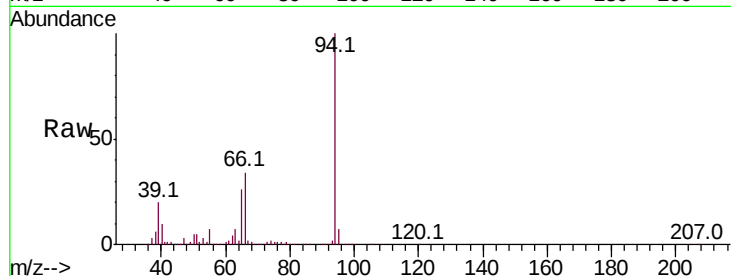
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 94 Resp: 1577419

Ion	Ratio	Lower	Upper
94	100		
65	26.3	20.9	31.3
66	34.2	27.2	40.8

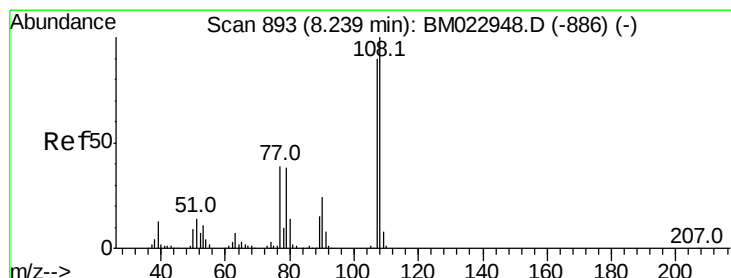
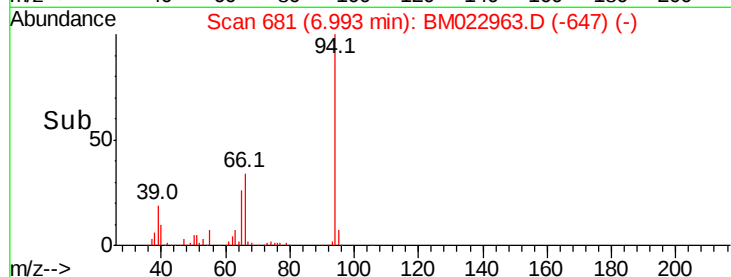
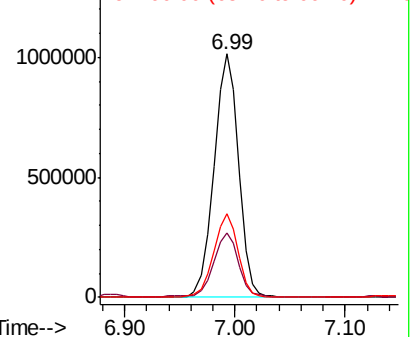


Abundance

Ion 94.00 (93.70 to 94.70): BM022948.D (-674) (-)

Ion 65.00 (64.70 to 65.70): BM022948.D (-674) (-)

Ion 66.00 (65.70 to 66.70): BM022948.D (-674) (-)



#11

2-Methylphenol

Concen: 88.149 ng/ul

RT: 8.24 min Scan# 893

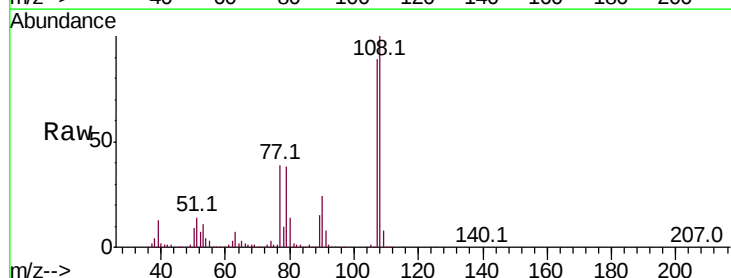
Delta R.T. 0.00 min

Lab File: BM022963.D

Acq: 04 Oct 2019 18:29

Tgt Ion: 108 Resp: 1184887

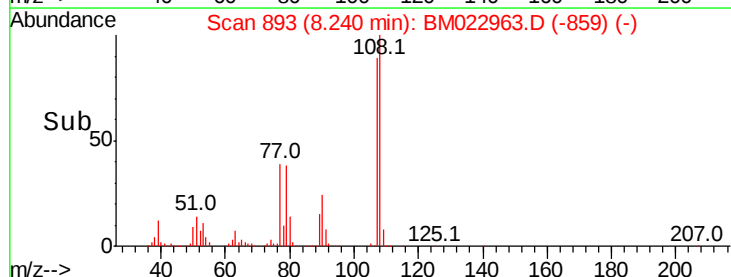
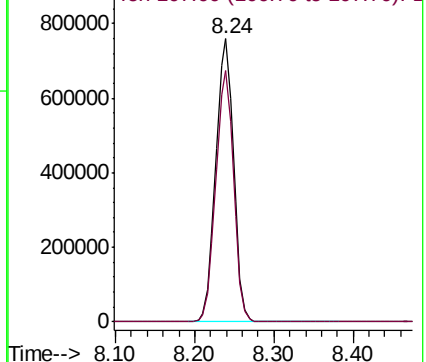
Ion	Ratio	Lower	Upper
108	100		
107	88.7	71.0	106.4

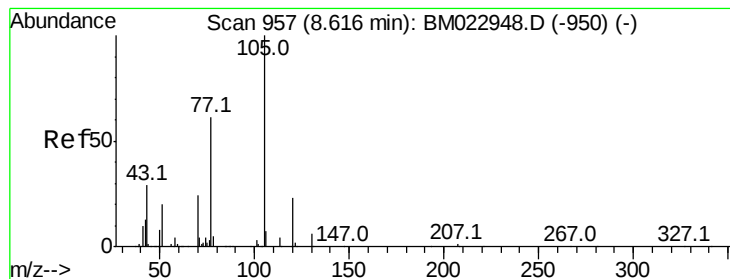


Abundance

Ion 108.00 (107.70 to 108.70): BM022948.D (-886) (-)

Ion 107.00 (106.70 to 107.70): BM022948.D (-886) (-)





#14

Acetophenone

Concen: 3.282 ng/ul

RT: 8.60 min Scan# 954

Delta R.T. -0.02 min

Lab File: BM022963.D

Acq: 04 Oct 2019 18:29

Instrument :

BNA_M

ClientSampleId :

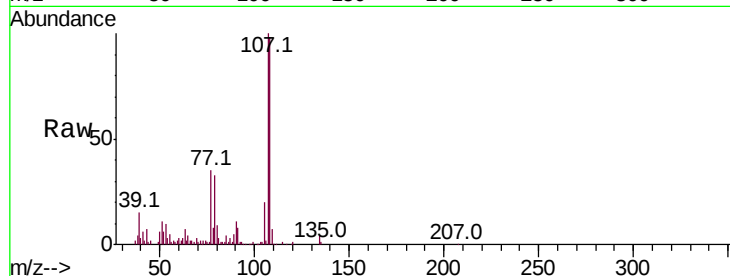
Tot Ion:105 Resp: 68349

Ion Ratio Lower Upper

105 100

77 178.9 59.4 89.0#

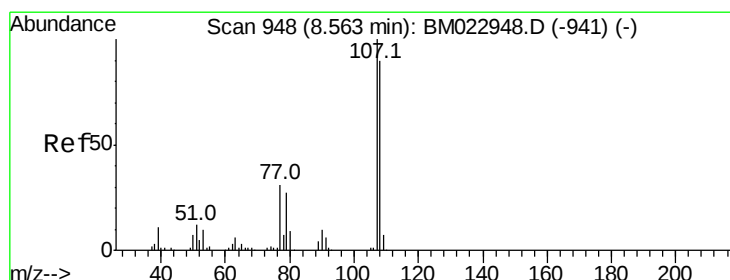
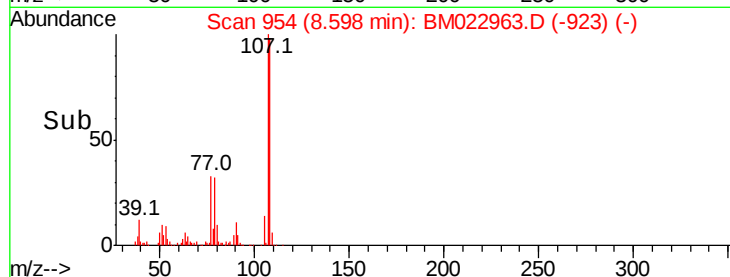
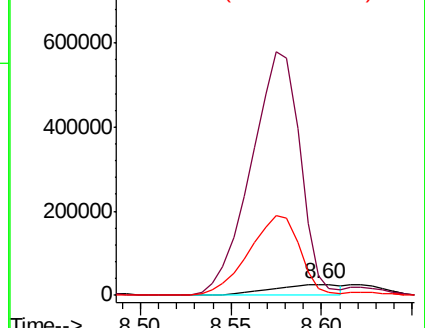
51 56.0 19.4 29.0#



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



#16

4-Methylphenol

Concen: 212.964 ng/ul

RT: 8.58 min Scan# 951

Delta R.T. 0.02 min

Lab File: BM022963.D

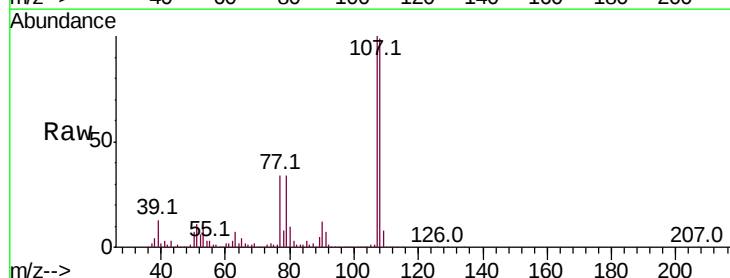
Acq: 04 Oct 2019 18:29

Tgt Ion:108 Resp: 3165232

Ion Ratio Lower Upper

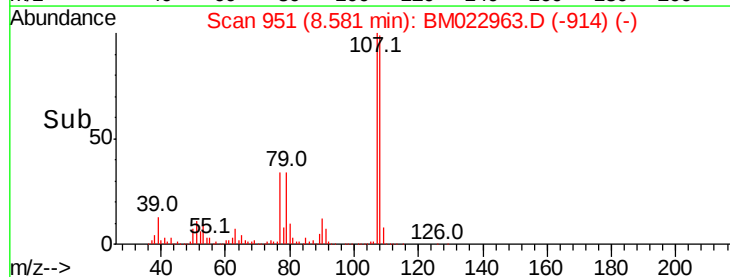
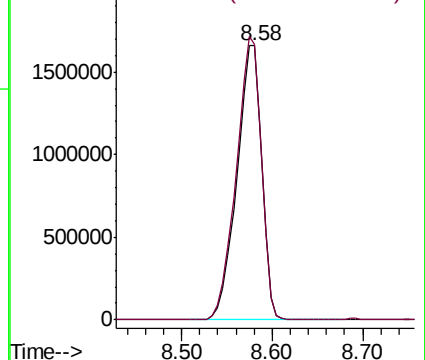
108 100

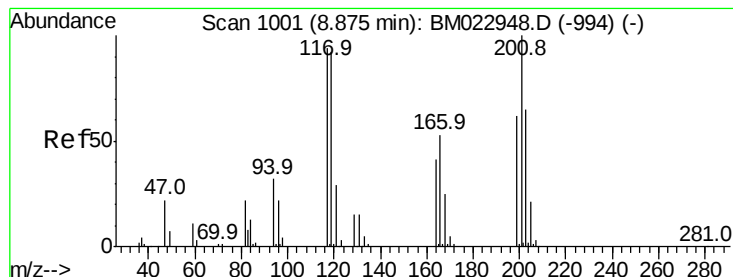
107 100.6 87.9 131.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 5.471 ng/ul

RT: 8.90 min Scan# 1005

Delta R.T. 0.02 min

Lab File: BM022963.D

Acq: 04 Oct 2019 18:29

Instrument :

BNA_M

ClientSampleId :

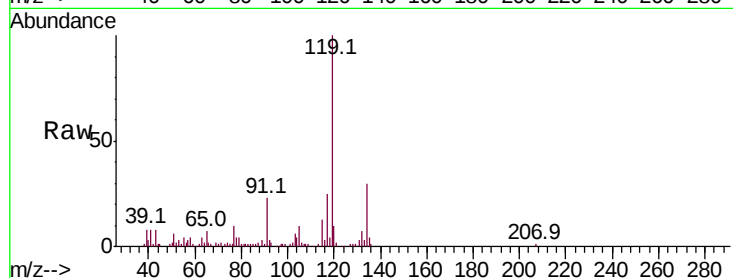
Tot Ion:117 Resp: 29878

Ion Ratio Lower Upper

117 100

201 0.0 82.5 123.7#

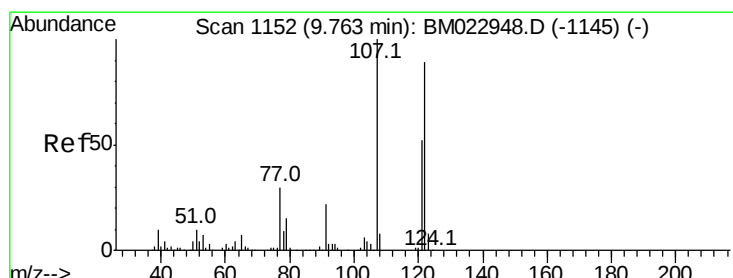
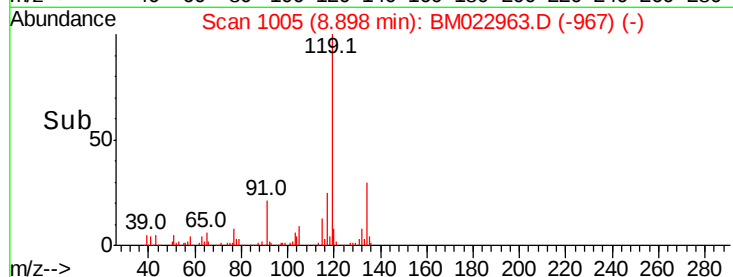
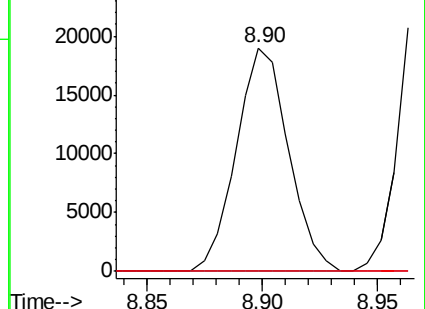
199 0.0 51.6 77.4#



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: 185.167 ng/ul

RT: 9.77 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BM022963.D

Acq: 04 Oct 2019 18:29

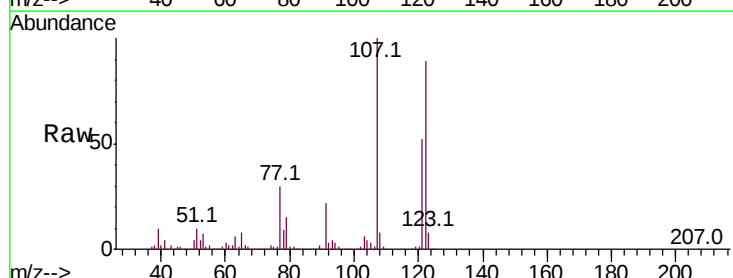
Tgt Ion:107 Resp: 2537761

Ion Ratio Lower Upper

107 100

121 52.2 43.0 64.4

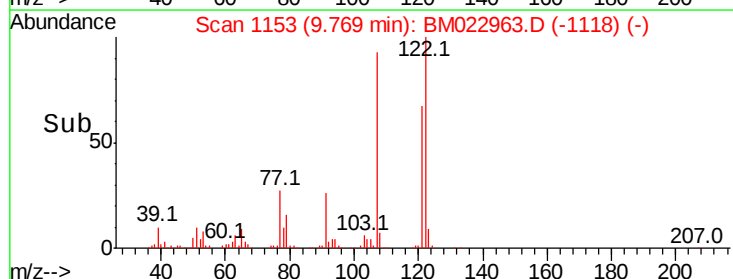
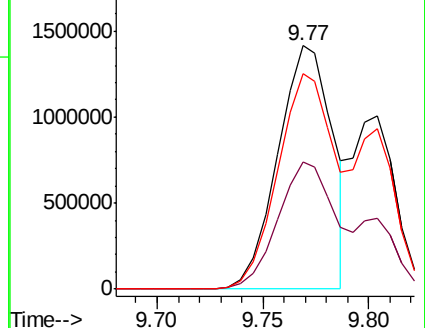
122 88.5 71.4 107.0

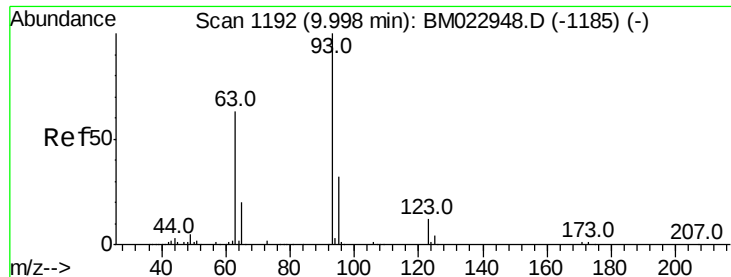


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#25

Bis(2-Chloroethoxy)methane

Concen: 3.139 ng/ul

RT: 10.04 min Scan# 1199

Delta R.T. 0.04 min

Lab File: BM022963.D

Acq: 04 Oct 2019 18:29

Instrument :

BNA_M

ClientSampled :

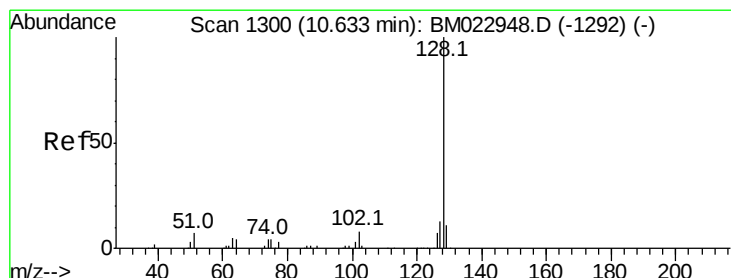
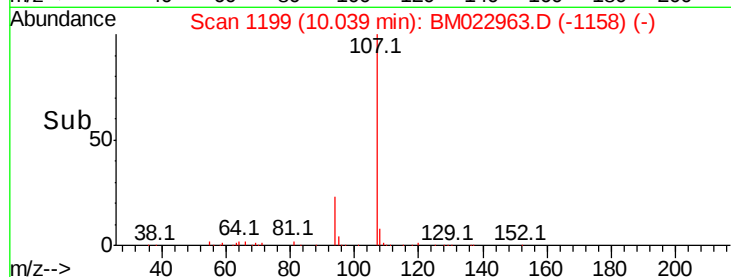
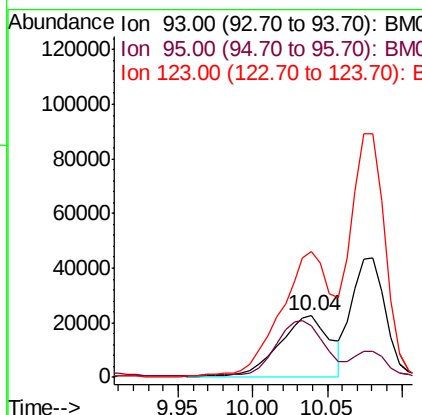
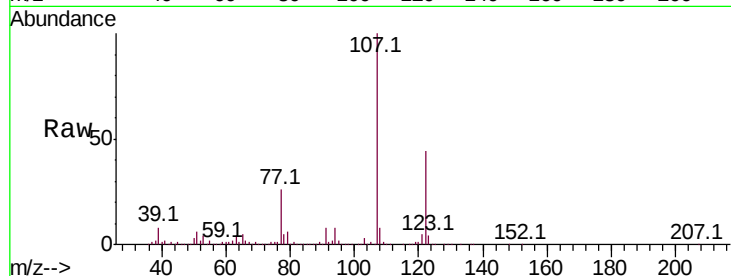
Tot Ion: 93 Resp: 51883

Ion Ratio Lower Upper

93 100

95 84.1 25.7 38.5#

123 205.8 9.4 14.0#



#28

Naphthalene

Concen: 40.081 ng/ul

RT: 10.63 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BM022963.D

Acq: 04 Oct 2019 18:29

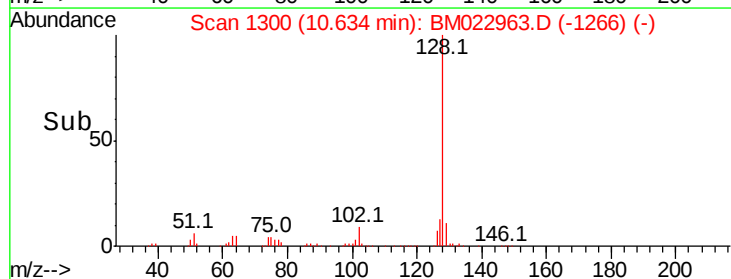
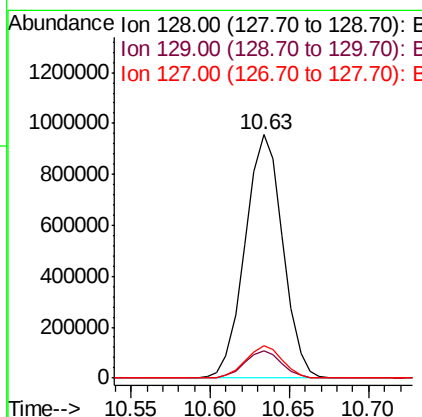
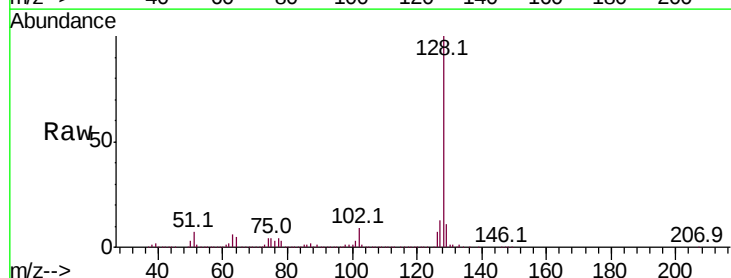
Tgt Ion: 128 Resp: 1580837

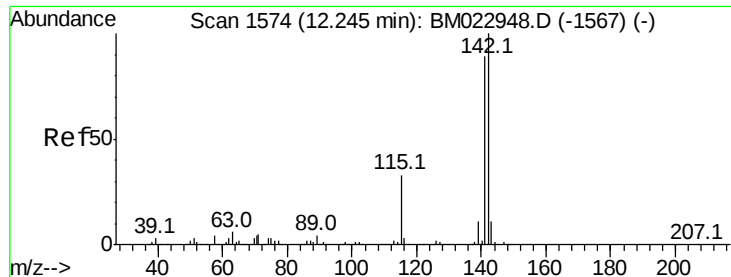
Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

127 13.2 10.2 15.4

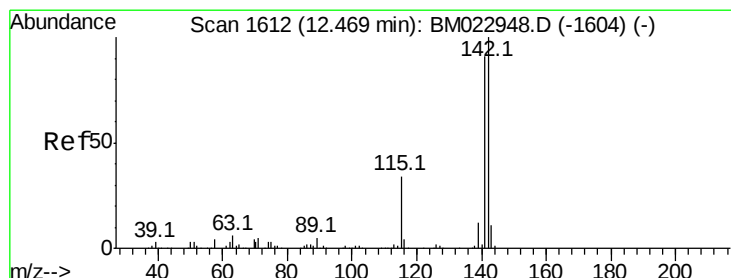
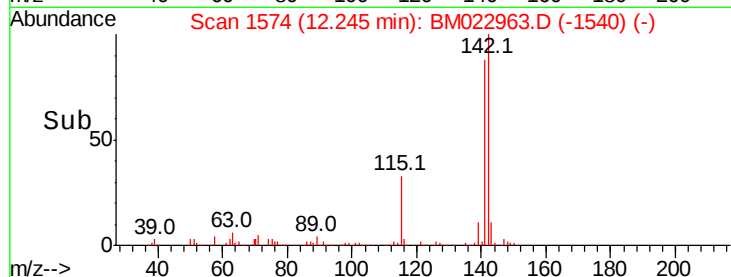
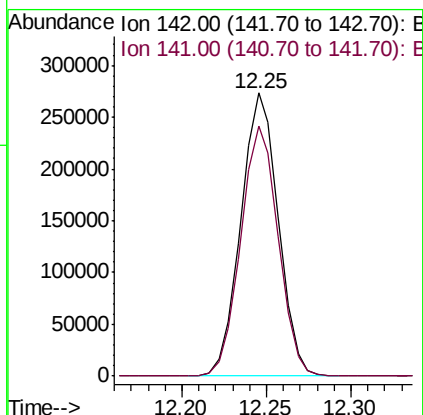
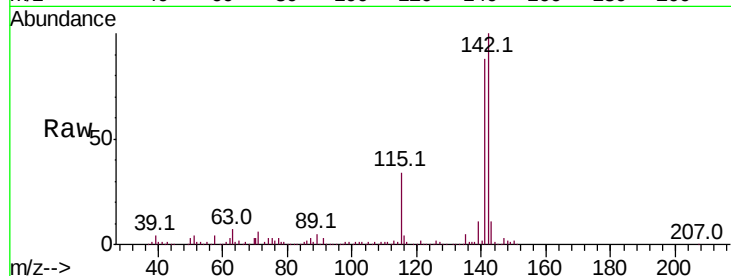




#34
2-Methylnaphthalene
Concen: 14.248 ng/ul
RT: 12.25 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BM022963.D
Acq: 04 Oct 2019 18:29

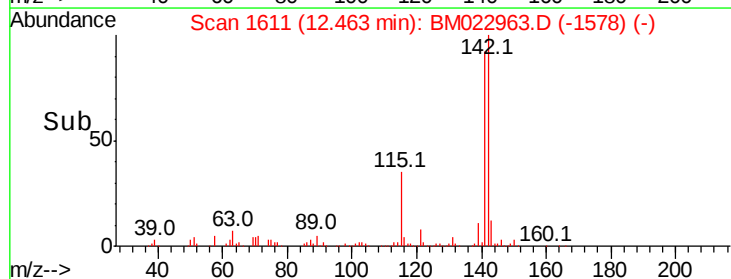
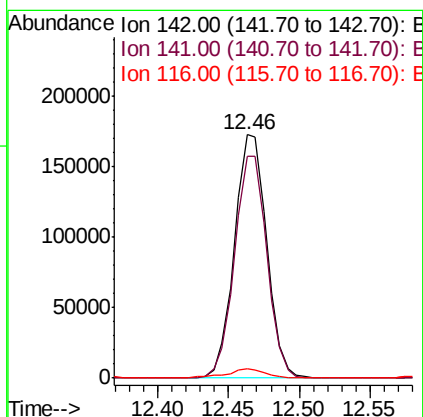
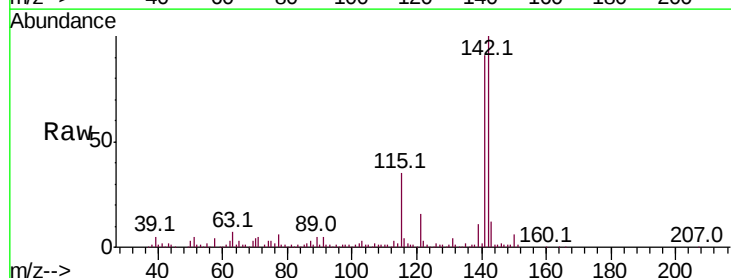
Instrument :
BNA_M
ClientSampleId :

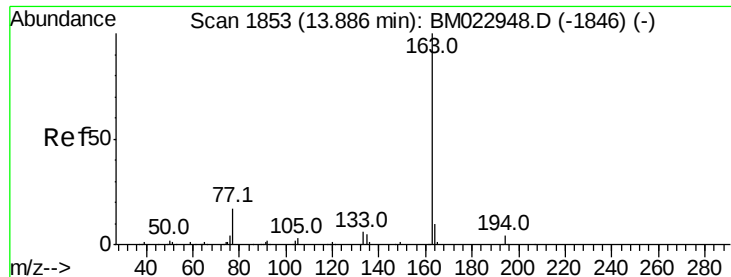
Tot Ion:142 Resp: 421331
Ion Ratio Lower Upper
142 100
141 88.2 71.2 106.8



#35
1-Methylnaphthalene
Concen: 9.763 ng/ul
RT: 12.46 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BM022963.D
Acq: 04 Oct 2019 18:29

Tgt Ion:142 Resp: 275749
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.6
116 4.1 2.9 4.3

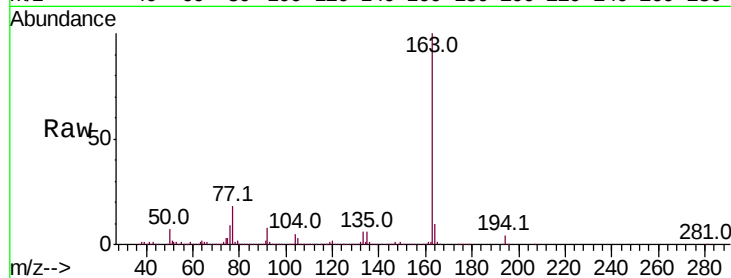




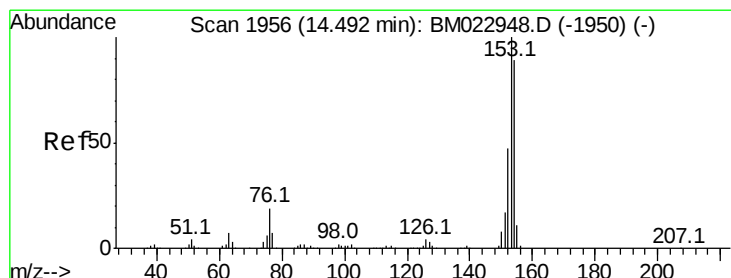
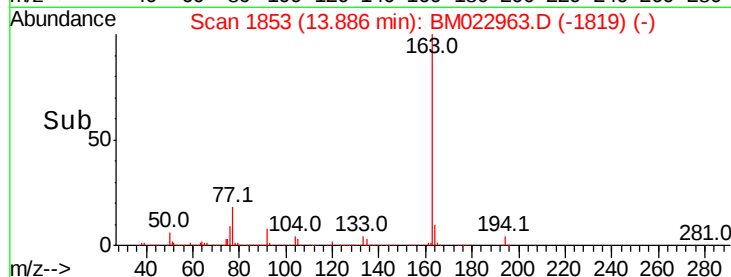
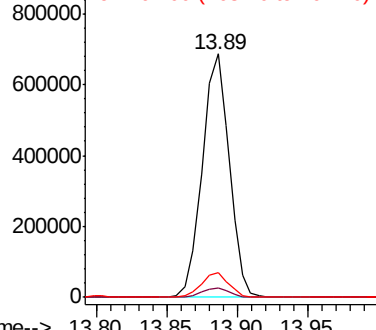
#45
Dimethylphthalate
Concen: 28.310 ng/ul
RT: 13.89 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BM022963.D
Acq: 04 Oct 2019 18:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 910501
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.4 8.1 12.1

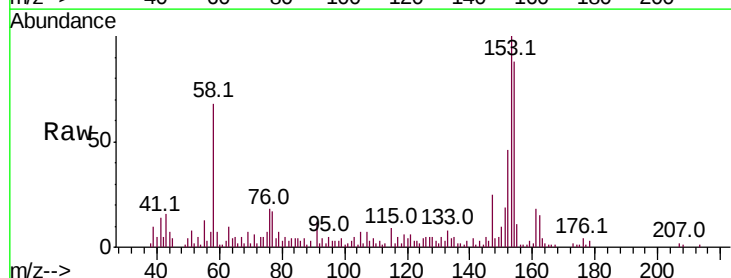


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

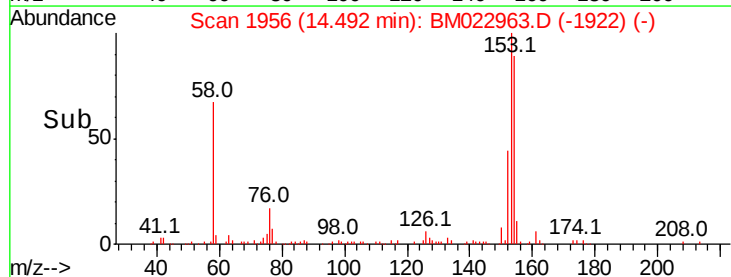
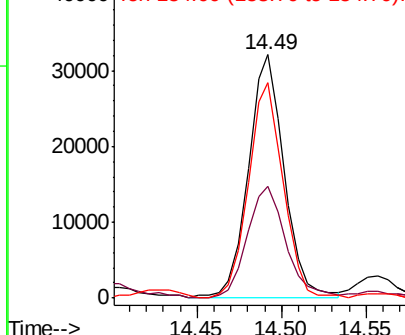


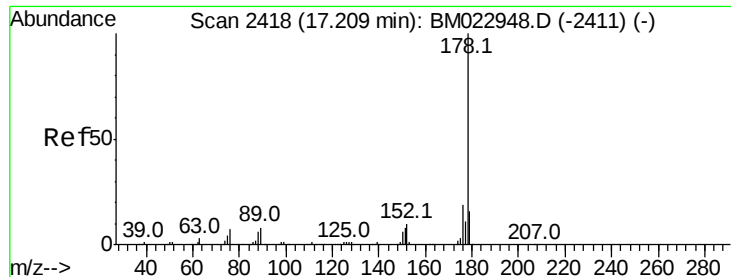
#50
Acenaphthene
Concen: 1.744 ng/ul
RT: 14.49 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BM022963.D
Acq: 04 Oct 2019 18:29

Tgt Ion:153 Resp: 47410
Ion Ratio Lower Upper
153 100
152 46.1 38.1 57.1
154 88.3 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





#70

Phenanthrene

Concen: 1.374 ng/ul

RT: 17.21 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BM022963.D

Acq: 04 Oct 2019 18:29

Instrument :

BNA_M

ClientSampled :

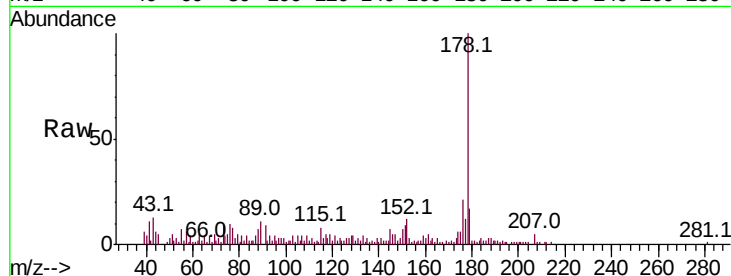
Tot Ion:178 Resp: 57331

Ion Ratio Lower Upper

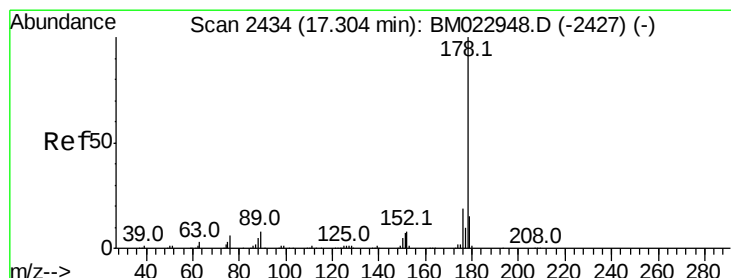
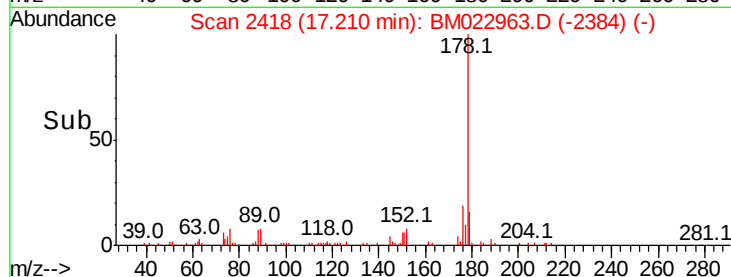
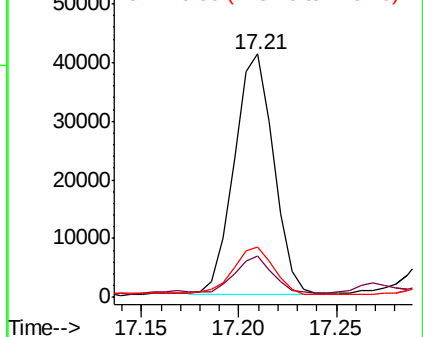
178 100

179 17.0 12.4 18.6

176 20.6 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



#72

Anthracene

Concen: 1.353 ng/ul

RT: 17.21 min Scan# 2418

Delta R.T. -0.09 min

Lab File: BM022963.D

Acq: 04 Oct 2019 18:29

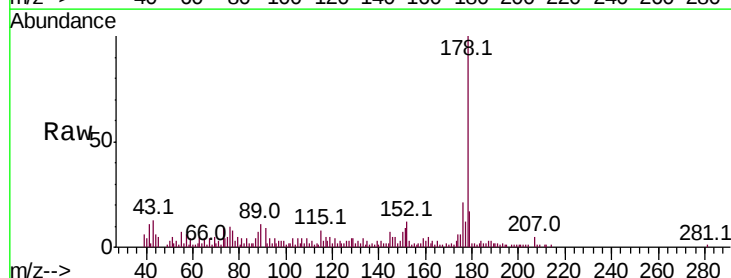
Tgt Ion:178 Resp: 57522

Ion Ratio Lower Upper

178 100

179 17.0 12.4 18.6

176 20.6 15.0 22.6



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

