

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022924.D
 Acq On : 03 Oct 2019 17:24
 Operator : JU
 Sample : K4983-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDM8

Quant Time: Oct 04 01:22:34 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	7.79	152	219992	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.59	136	973517	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.43	164	581456	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1015373	20.00	ng/ul	-0.02
78) Chrysene-d12	21.35	240	777080	20.00	ng/ul	-0.02
86) Perylene-d12	23.61	264	879399	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	6928	1.36	ng/uL	0.00
5) Phenol-d5	6.96	99	132259	6.80	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.13	67	254086	23.88	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.33	132	328400	20.98	ng/ul	-0.02
13) 4-Methylphenol-d8	8.50	113	233669	14.68	ng/ul	-0.02
19) Nitrobenzene-d5	8.95	128	193596	25.77	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.67	143	214893	26.19	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.21	165	396975	24.30	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	302012	15.22	ng/ul	-0.02
44) Dimethylphthalate-d6	13.84	166	1255767	27.83	ng/ul	-0.02
47) Acenaphthylene-d8	14.12	160	1378537	26.46	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.63	143	51812	5.81	ng/ul	0.00
58) Fluorene-d10	15.42	176	1012379	26.32	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.54	200	157899	23.90	ng/ul	-0.02
71) Anthracene-d10	17.27	188	1461163	29.47	ng/ul	-0.02
79) Pyrene-d10	19.56	212	1430698	34.21	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	1398050	30.73	ng/ul	-0.03

Target Compounds

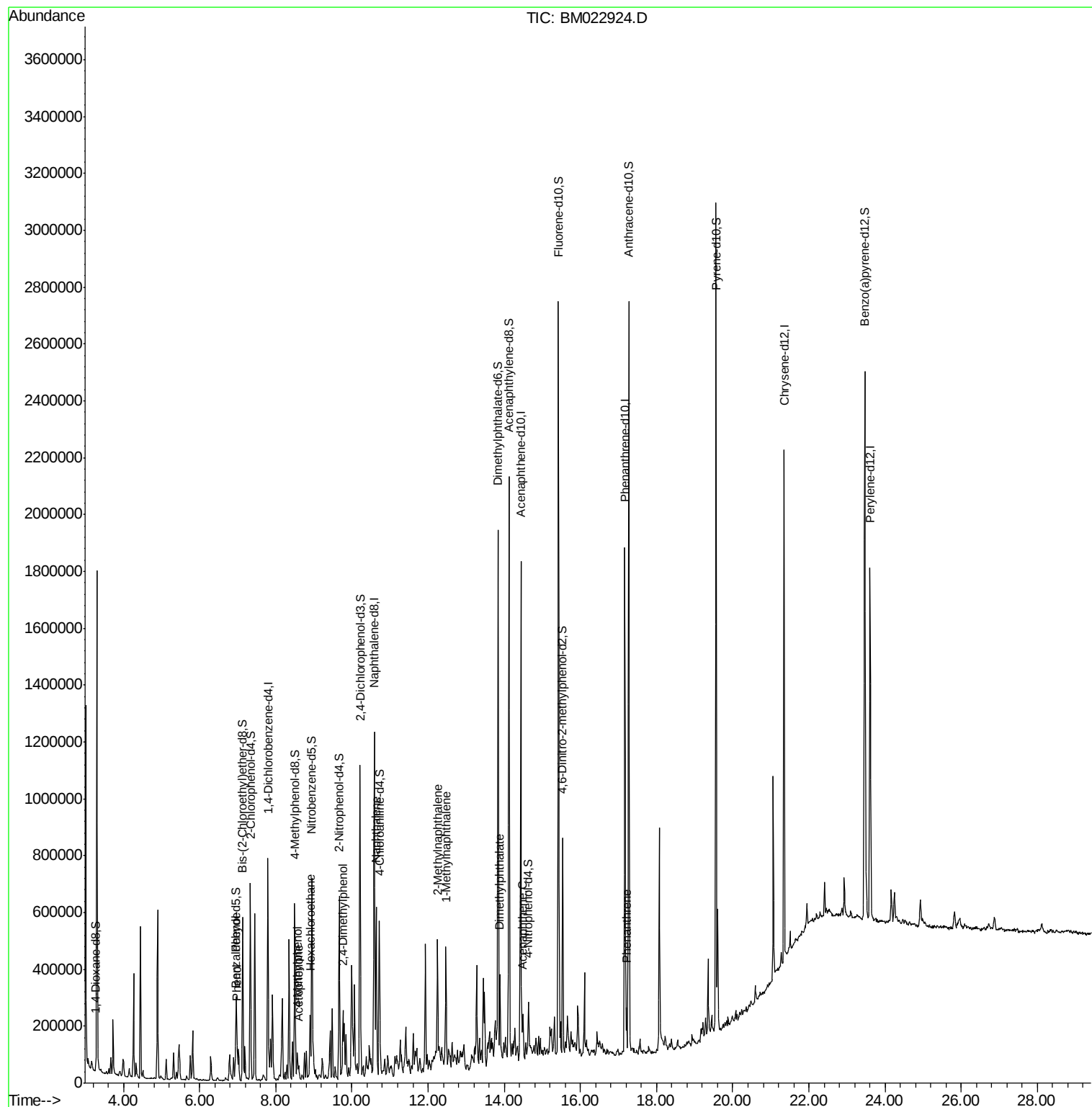
					Ovalue
4) Benzaldehyde	6.94	77	29491	3.348	ng/ul# 57
6) Phenol	6.99	94	49940	2.451	ng/ul 98
14) Acetophenone	8.60	105	36881	1.516	ng/ul# 48
16) 4-Methylphenol	8.56	108	40472	2.331	ng/ul 99
17) Hexachloroethane	8.90	117	24083	3.774	ng/ul# 6
24) 2,4-Dimethylphenol	9.76	107	82878	4.536	ng/ul 98
28) Naphthalene	10.63	128	454836	8.651	ng/ul 99
34) 2-Methylnaphthalene	12.25	142	215974	5.479	ng/ul 99
35) 1-Methylnaphthalene	12.47	142	175463	4.661	ng/ul 100
45) Dimethylphthalate	13.89	163	192692	4.157	ng/ul 100
50) Acenaphthene	14.49	153	61240	1.563	ng/ul 97
70) Phenanthrene	17.21	178	86738	1.431	ng/ul 100

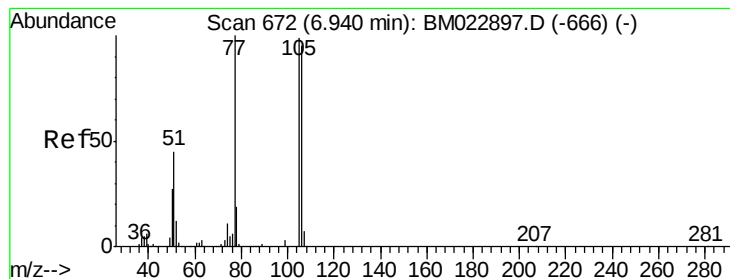
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 3.348 ng/ul

RT: 6.94 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM022924.D

Acq: 03 Oct 2019 17:24

Instrument :

BNA_M

ClientSampleId :

BFDM8

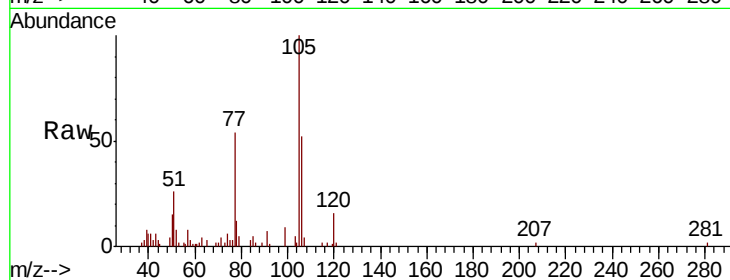
Tot Ion: 77 Resp: 29491

Ion Ratio Lower Upper

77 100

105 183.9 80.6 120.8#

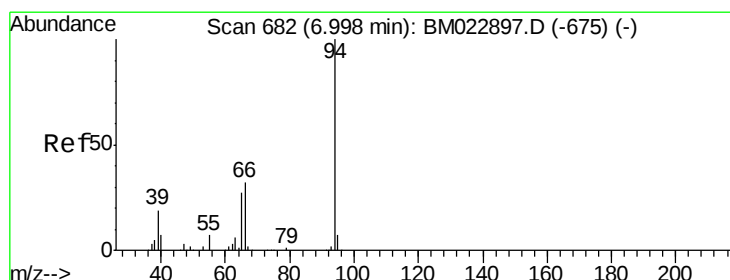
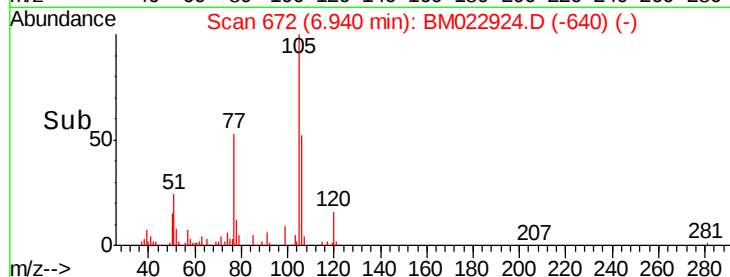
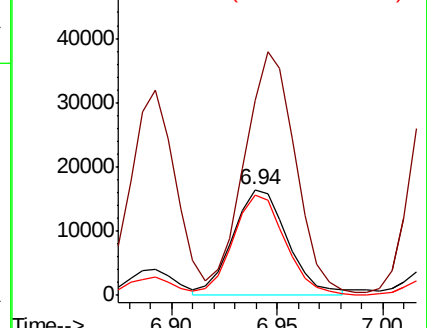
106 94.8 77.0 115.6



Abundance Ion 77.00 (76.70 to 77.70): BM022897.D (-666) (-)

Ion 105.00 (104.70 to 105.70): BM022897.D (-666) (-)

Ion 106.00 (105.70 to 106.70): BM022897.D (-666) (-)



#6

Phenol

Concen: 2.451 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM022924.D

Acq: 03 Oct 2019 17:24

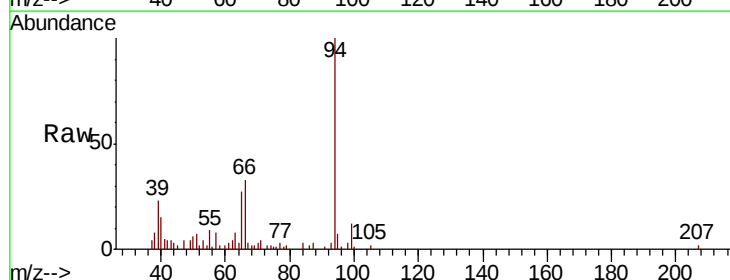
Tgt Ion: 94 Resp: 49940

Ion Ratio Lower Upper

94 100

65 27.2 20.9 31.3

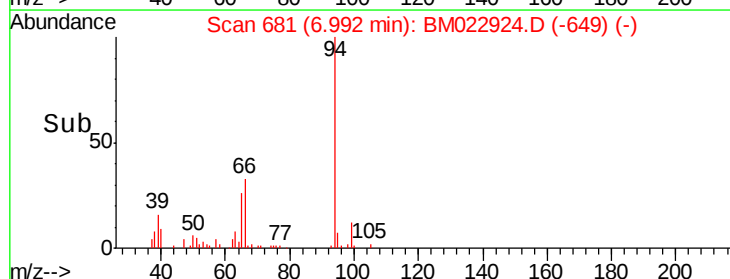
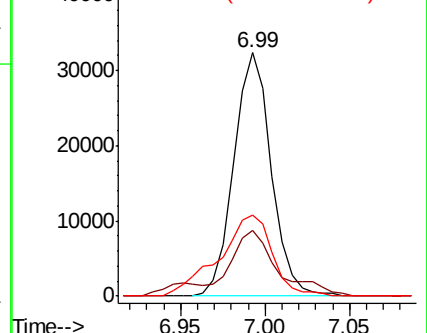
66 33.2 27.2 40.8

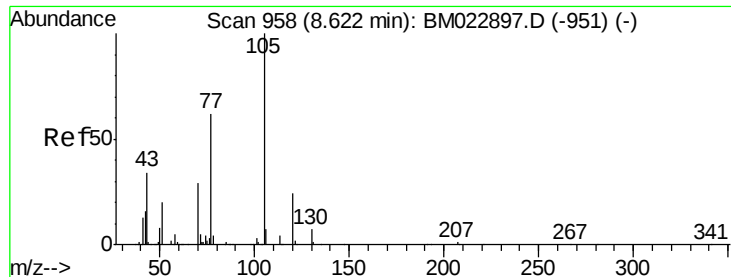


Abundance Ion 94.00 (93.70 to 94.70): BM022897.D (-675) (-)

Ion 65.00 (64.70 to 65.70): BM022897.D (-675) (-)

Ion 66.00 (65.70 to 66.70): BM022897.D (-675) (-)





#14

Acetophenone

Concen: 1.516 ng/ul

RT: 8.60 min Scan# 955

Delta R.T. -0.03 min

Lab File: BM022924.D

Acq: 03 Oct 2019 17:24

Instrument :

BNA_M

ClientSampleId :

BFDM8

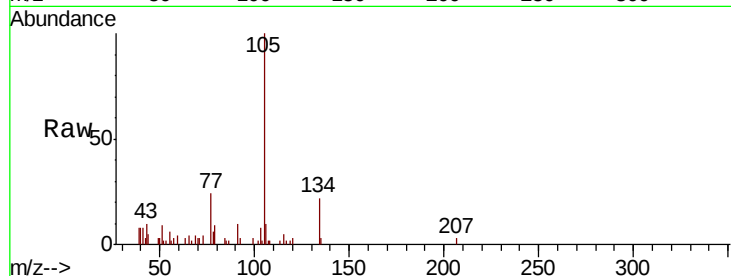
Tot Ion:105 Resp: 36881

Ion Ratio Lower Upper

105 100

77 24.0 59.4 89.0#

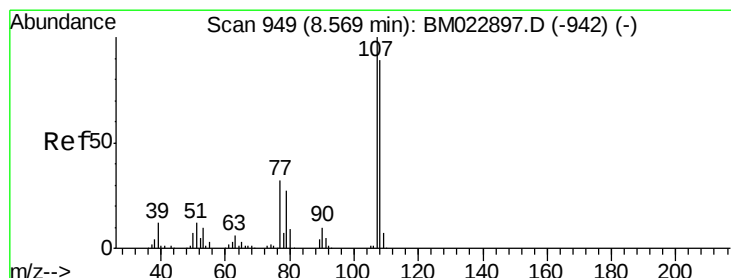
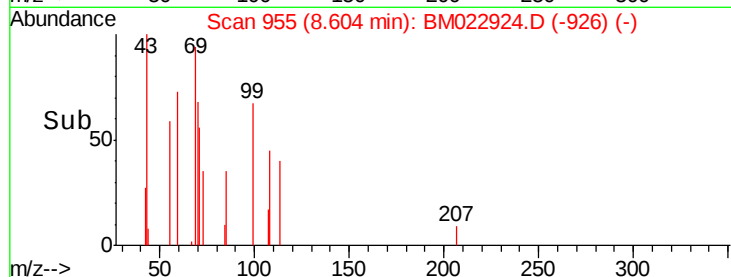
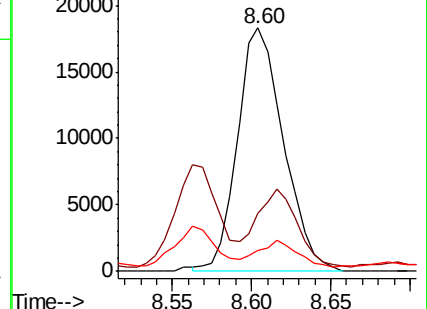
51 8.7 19.4 29.0#



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: 2.331 ng/ul

RT: 8.56 min Scan# 948

Delta R.T. -0.02 min

Lab File: BM022924.D

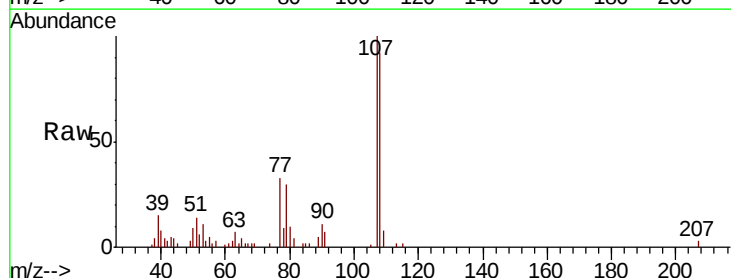
Acq: 03 Oct 2019 17:24

Tgt Ion:108 Resp: 40472

Ion Ratio Lower Upper

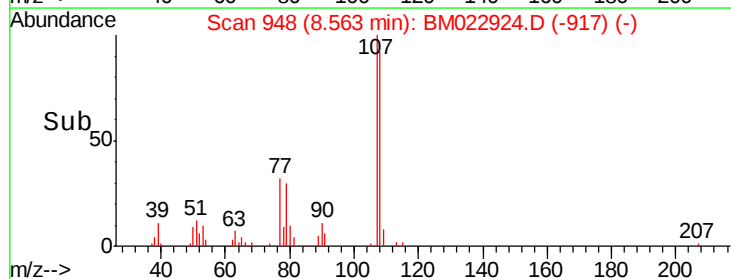
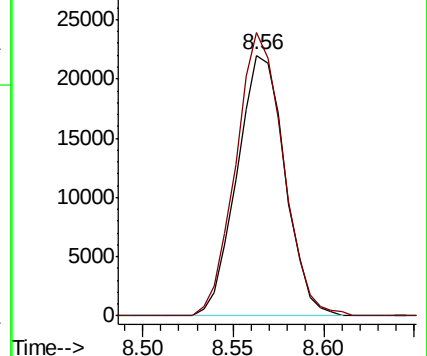
108 100

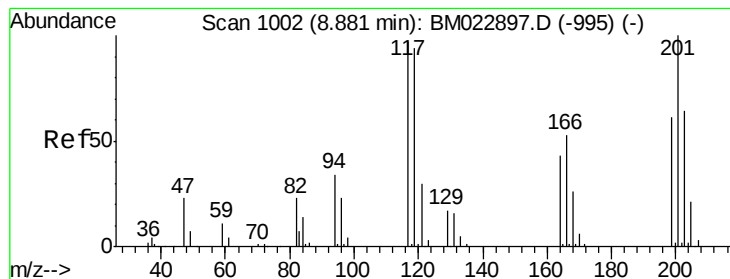
107 108.5 87.9 131.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 3.774 ng/ul

RT: 8.90 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BM022924.D

Acq: 03 Oct 2019 17:24

Instrument :

BNA_M

ClientSampleId :

BFDM8

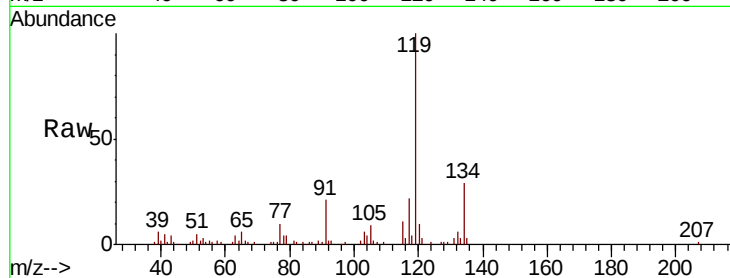
Tot Ion:117 Resp: 24083

Ion Ratio Lower Upper

117 100

201 0.0 82.5 123.7#

199 0.0 51.6 77.4#

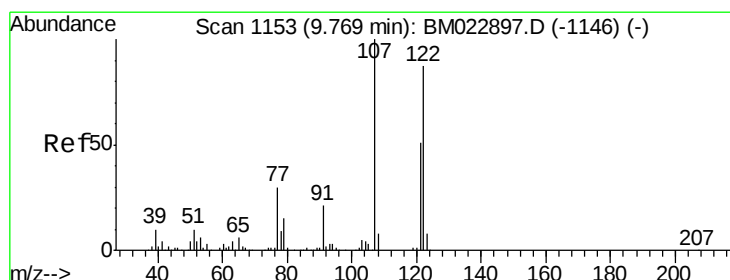
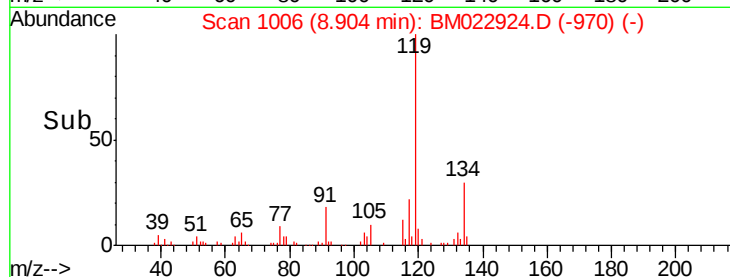
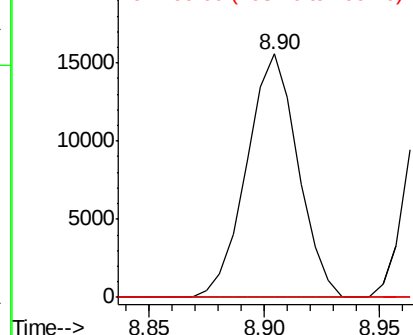


Abundance

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: 4.536 ng/ul

RT: 9.76 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BM022924.D

Acq: 03 Oct 2019 17:24

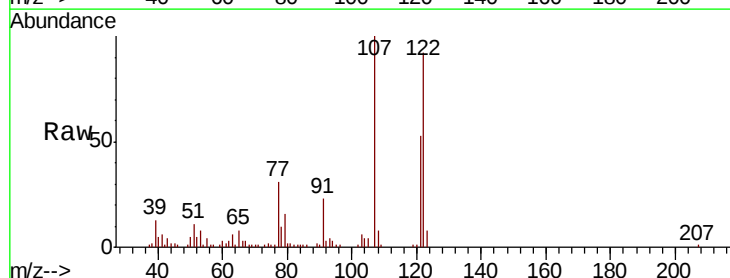
Tgt Ion:107 Resp: 82878

Ion Ratio Lower Upper

107 100

121 52.7 43.0 64.4

122 91.7 71.4 107.0

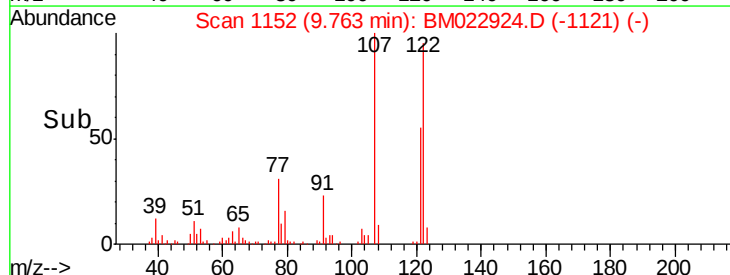
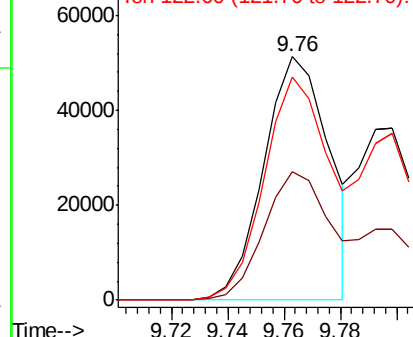


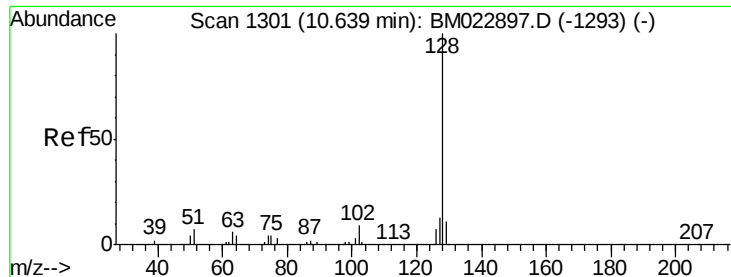
Abundance

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

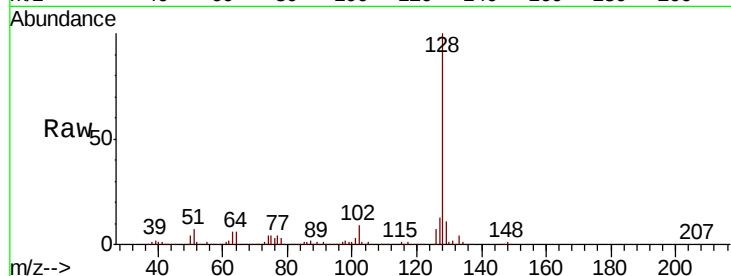




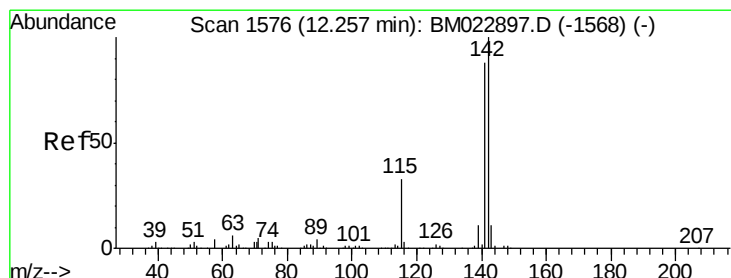
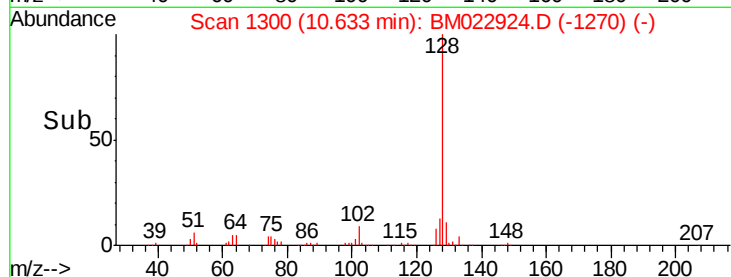
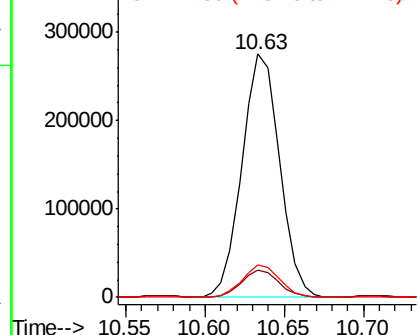
#28
Naphthalene
Concen: 8.651 ng/ul
RT: 10.63 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM022924.D
Acq: 03 Oct 2019 17:24

Instrument :
BNA_M
ClientSampleId :
BFDM8

Tot Ion:128 Resp: 454836
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.1 10.2 15.4

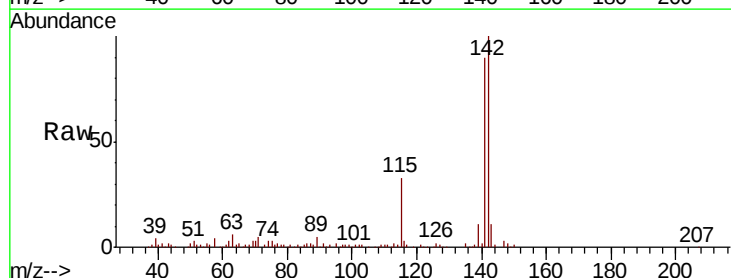


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

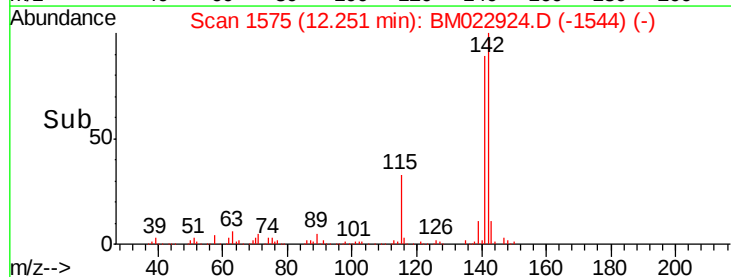
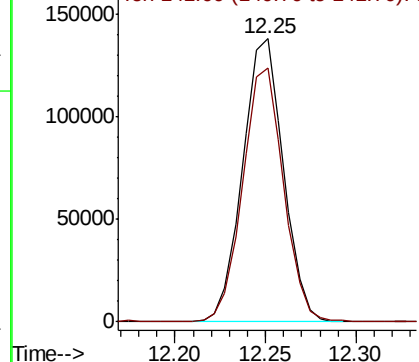


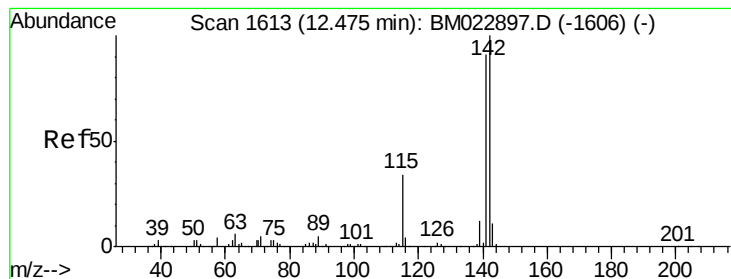
#34
2-Methylnaphthalene
Concen: 5.479 ng/ul
RT: 12.25 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BM022924.D
Acq: 03 Oct 2019 17:24

Tgt Ion:142 Resp: 215974
Ion Ratio Lower Upper
142 100
141 89.7 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-Methyl-naphthalene

Concen: 4.661 ng/ul

RT: 12.47 min Scan# 1612

Delta R.T. -0.02 min

Lab File: BM022924.D

Acq: 03 Oct 2019 17:24

Instrument :

BNA_M

ClientSampleId :

BFDM8

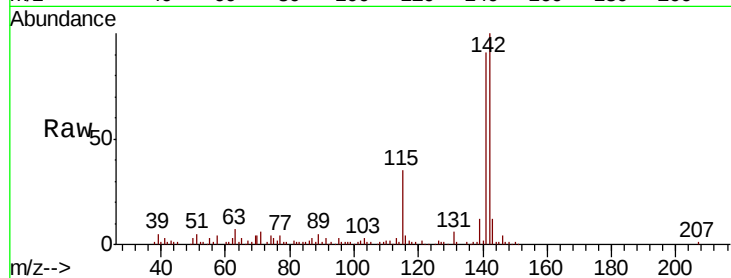
Tot Ion:142 Resp: 175463

Ion Ratio Lower Upper

142 100

141 91.5 73.0 109.6

116 4.2 2.9 4.3

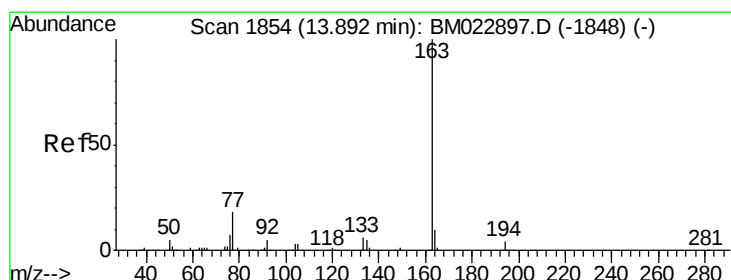
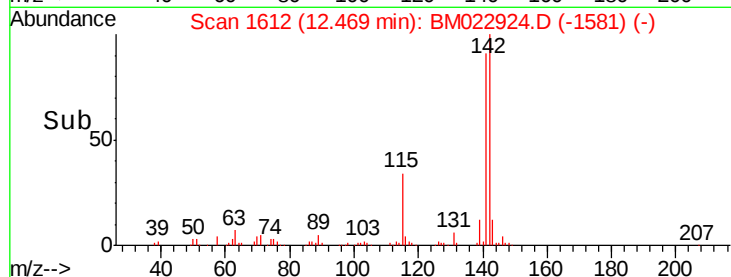
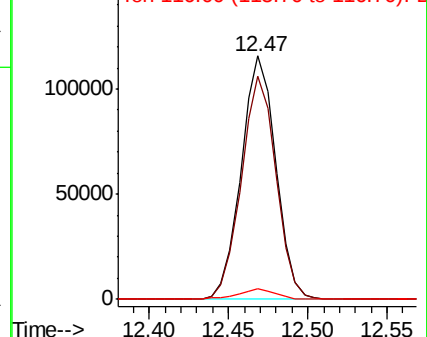


Abundance

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: 4.157 ng/ul

RT: 13.89 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BM022924.D

Acq: 03 Oct 2019 17:24

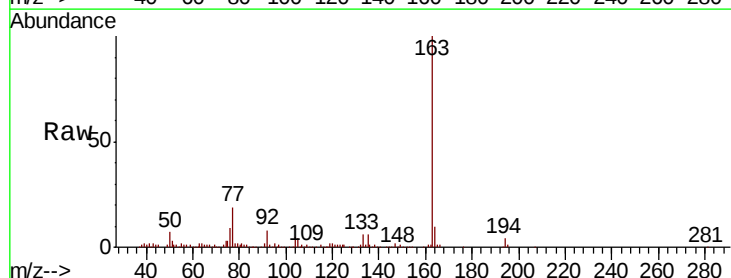
Tgt Ion:163 Resp: 192692

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.1 8.1 12.1

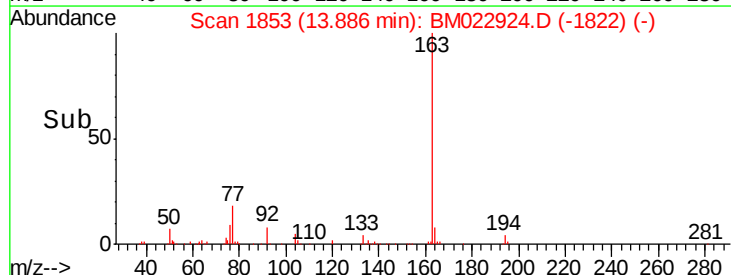
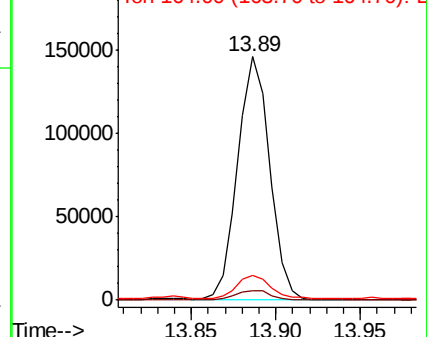


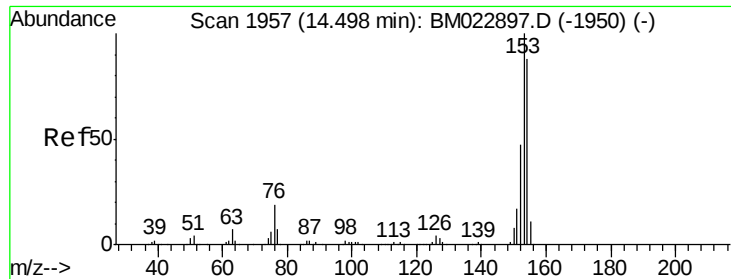
Abundance

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: 1.563 ng/ul

RT: 14.49 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BM022924.D

Acq: 03 Oct 2019 17:24

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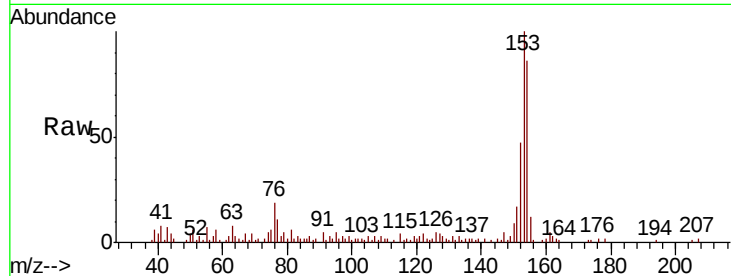
Tot Ion:153 Resp: 61240

Ion Ratio Lower Upper

153 100

152 46.7 38.1 57.1

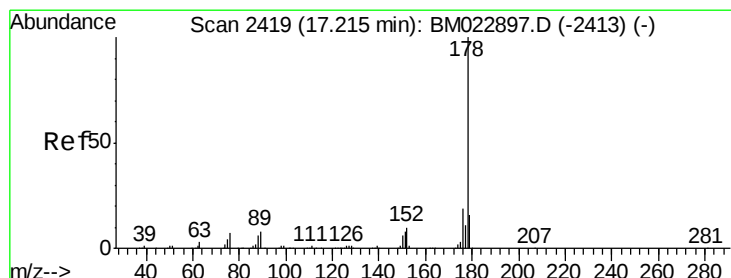
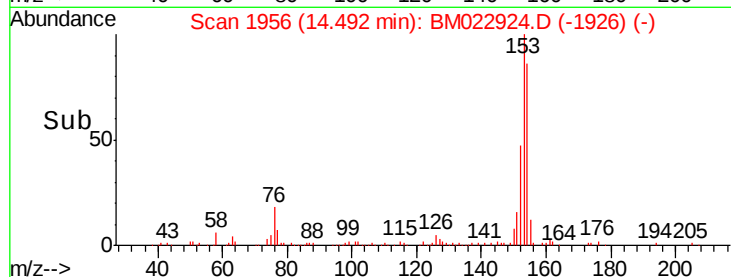
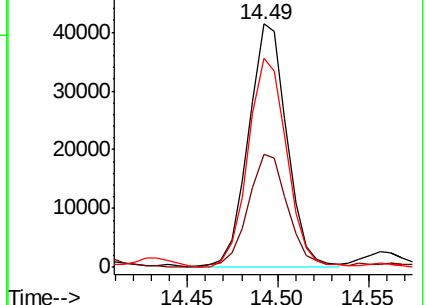
154 85.8 71.1 106.7



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: 1.431 ng/ul

RT: 17.21 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BM022924.D

Acq: 03 Oct 2019 17:24

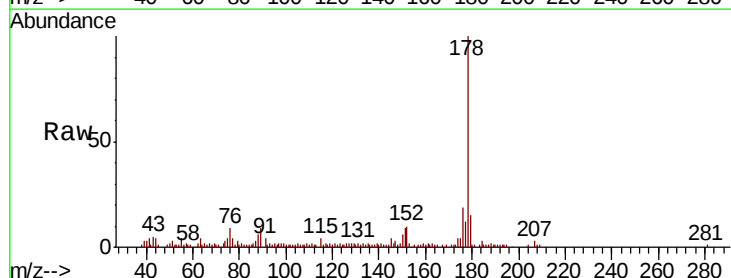
Tgt Ion:178 Resp: 86738

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 18.8 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

