

Data File : BM024410.D
Acq On : 31 Dec 2019 23:40
Operator : JU
Sample : K6397-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETK90

Quant Time: Jan 01 04:47:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 01 04:44:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	189045	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	802654	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	480729	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	990246	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	944218	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1117584	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	25224	5.89	ng/uL	0.00
5) Phenol-d5	6.61	99	452514	25.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	311312	29.00	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	335624	26.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	307751	21.03	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	158411	27.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	167006	26.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	296274	24.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	346675	23.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	912774	25.68	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	1152593	27.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	92181	14.44	ng/ul	0.02
58) Fluorene-d10	15.07	176	835285	26.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	74234	12.29	ng/ul	0.00
71) Anthracene-d10	16.93	188	1234989	27.41	ng/ul	0.00
79) Pyrene-d10	19.24	212	1328746	29.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.03	264	1523166	27.44	ng/ul	0.00

Target Compounds

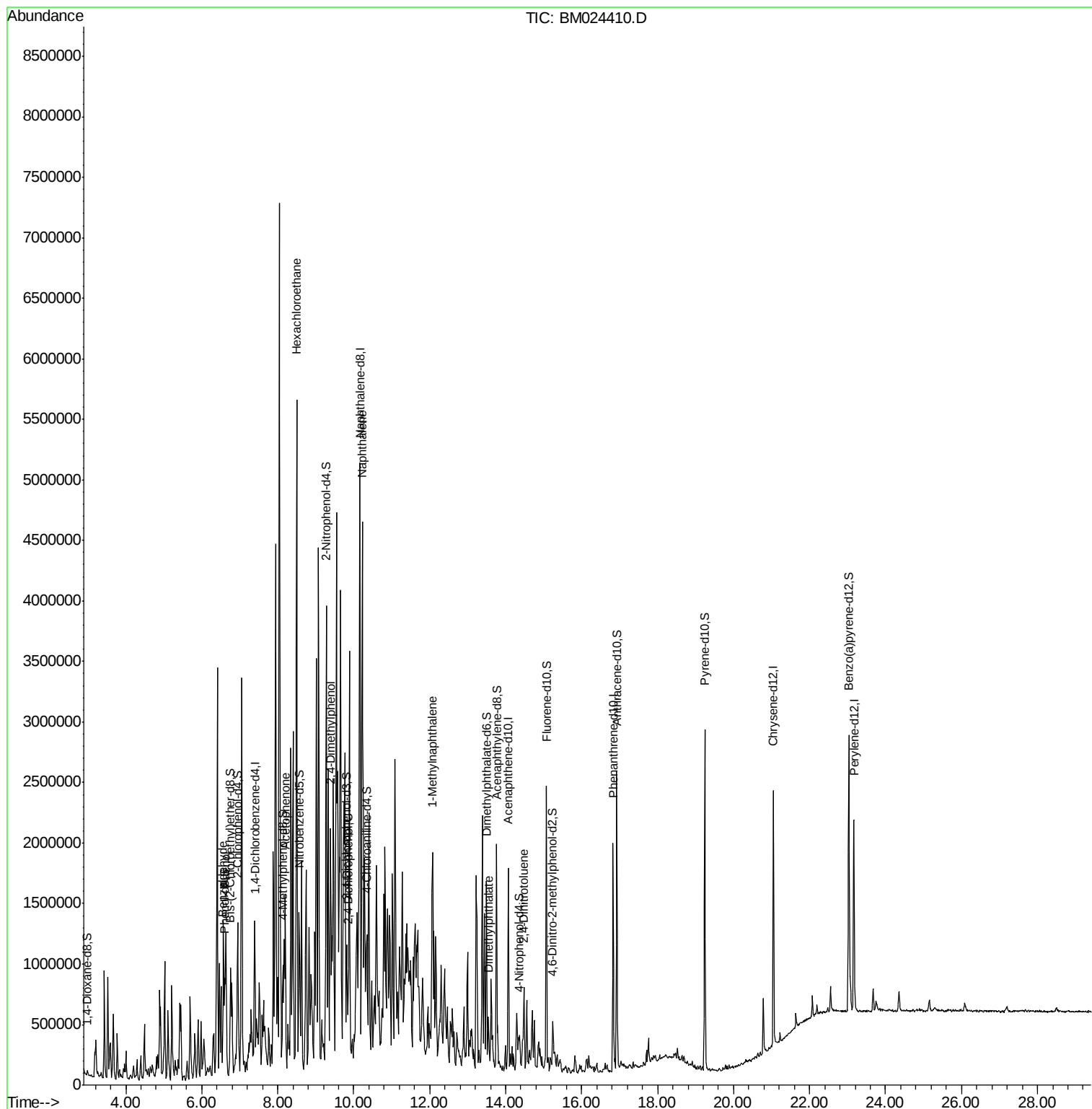
					Qvalue	
4) Benzaldehyde	6.56	77	29329	2.535	ng/ul#	1
6) Phenol	6.64	94	27311	1.478	ng/ul#	50
14) Acetophenone	8.20	105	911344	41.301	ng/ul#	30
17) Hexachloroethane	8.50	117	348456	64.477	ng/ul#	10
24) 2,4-Dimethylphenol	9.39	107	15632	1.038	ng/ul#	18
27) 2,4-Dichlorophenol	9.86	162	33831	2.804	ng/ul#	32
28) Naphthalene	10.22	128	625591	14.874	ng/ul#	82
35) 1-Methylnaphthalene	12.07	142	626692	20.422	ng/ul#	96
45) Dimethylphthalate	13.55	163	190408	5.154	ng/ul	99
55) 2,4-Dinitrotoluene	14.49	165	14090	1.282	ng/ul#	76

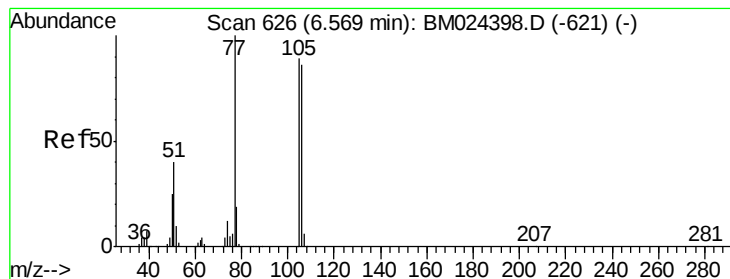
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 2.535 ng/ul

RT: 6.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BM024410.D

Acq: 31 Dec 2019 23:40

Instrument :

BNA_M

ClientSampleId :

ETK90

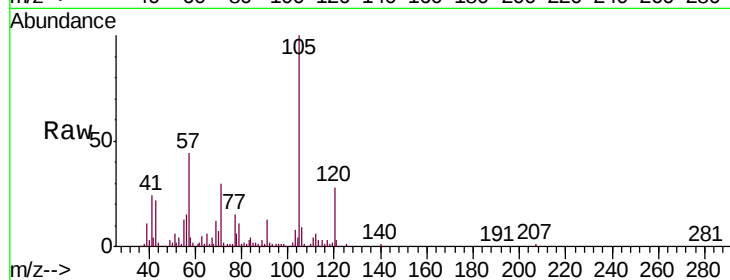
Tgt Ion: 77 Resp: 29329

Ion Ratio Lower Upper

77 100

105 664.9 72.2 108.2#

106 57.9 67.3 100.9#



Abundance Ion 77.00 (76.70 to 77.70): BM024410.D (-592) (-)

Ion 105.00 (104.70 to 105.70): BM024410.D (-592) (-)

Ion 106.00 (105.70 to 106.70): BM024410.D (-592) (-)

250000

200000

150000

100000

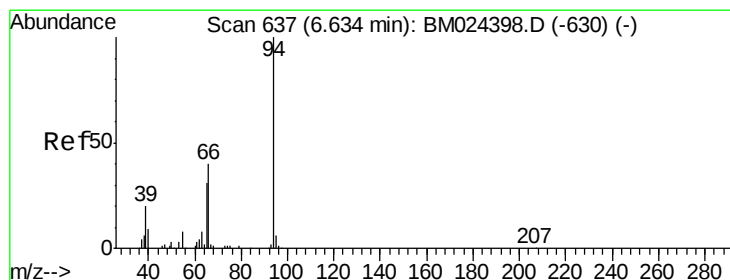
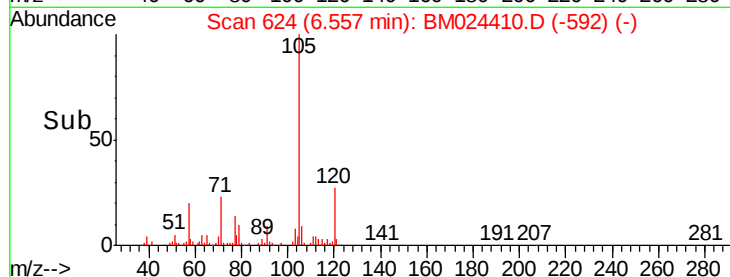
50000

0

6.56

6.50 6.55 6.60

Time-->



#6

Phenol

Concen: 1.478 ng/ul

RT: 6.64 min Scan# 638

Delta R.T. 0.01 min

Lab File: BM024410.D

Acq: 31 Dec 2019 23:40

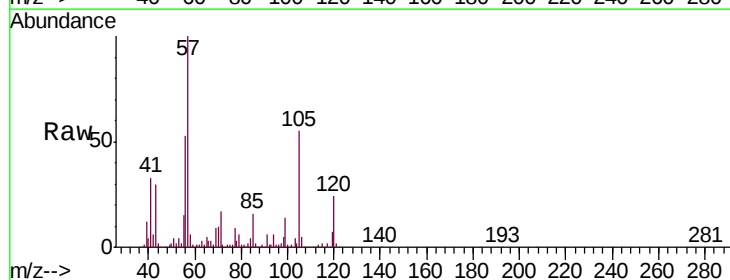
Tgt Ion: 94 Resp: 27311

Ion Ratio Lower Upper

94 100

65 73.4 22.6 33.8#

66 52.7 30.7 46.1#



Abundance Ion 94.00 (93.70 to 94.70): BM024410.D (-603) (-)

Ion 65.00 (64.70 to 65.70): BM024410.D (-603) (-)

Ion 66.00 (65.70 to 66.70): BM024410.D (-603) (-)

20000

15000

10000

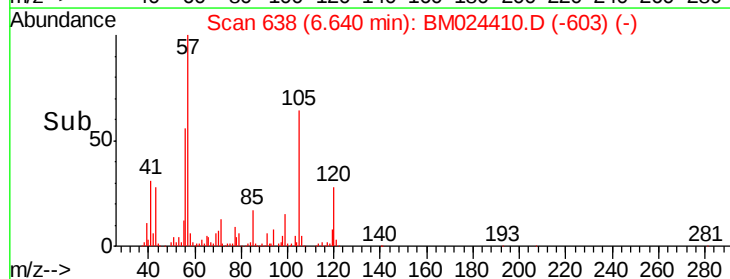
5000

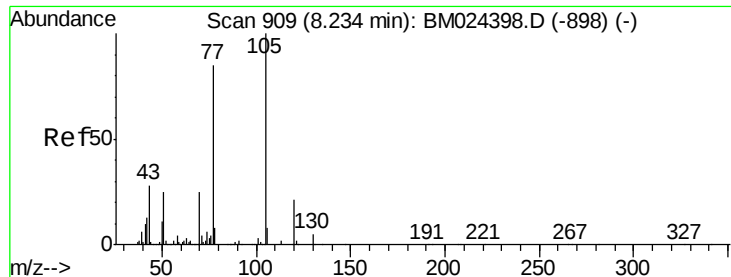
0

6.64

6.55 6.60 6.65 6.70

Time-->





#14

Acetophenone

Concen: 41.301 ng/ul

RT: 8.20 min Scan# 903

Delta R.T. -0.04 min

Lab File: BM024410.D

Acq: 31 Dec 2019 23:40

Instrument :

BNA_M

ClientSampleId :

ETK90

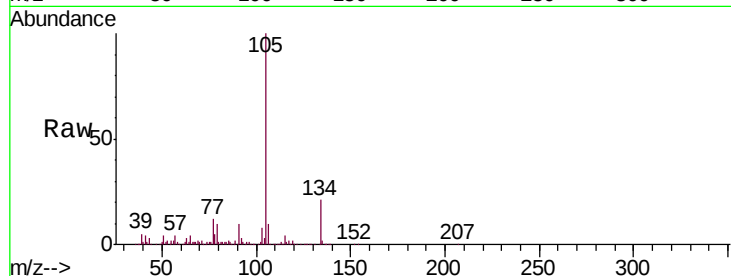
Tgt Ion:105 Resp: 911344

Ion Ratio Lower Upper

105 100

77 12.2 65.6 98.4#

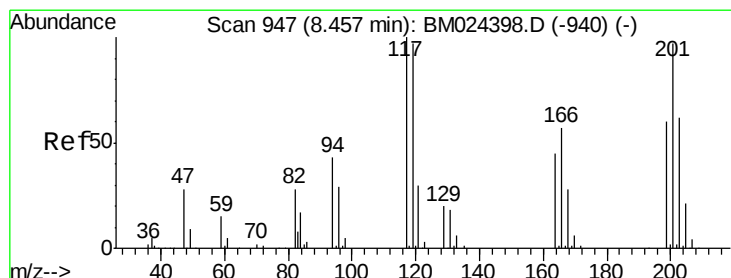
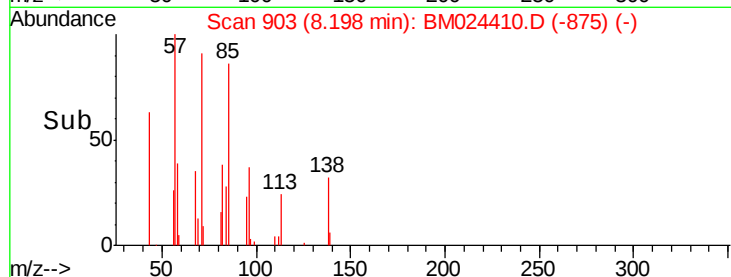
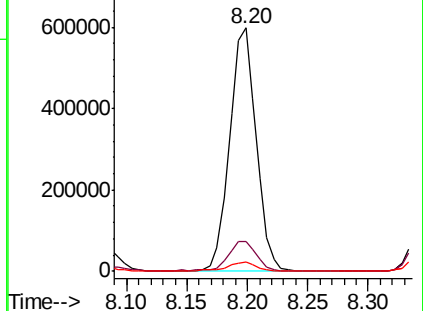
51 3.8 18.3 27.5#



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



#17

Hexachloroethane

Concen: 64.477 ng/ul

RT: 8.50 min Scan# 954

Delta R.T. 0.04 min

Lab File: BM024410.D

Acq: 31 Dec 2019 23:40

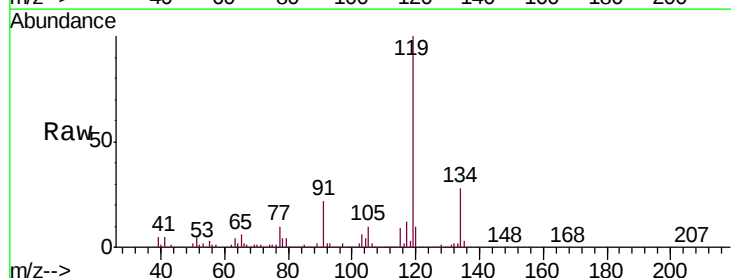
Tgt Ion:117 Resp: 348456

Ion Ratio Lower Upper

117 100

201 0.0 74.8 112.2#

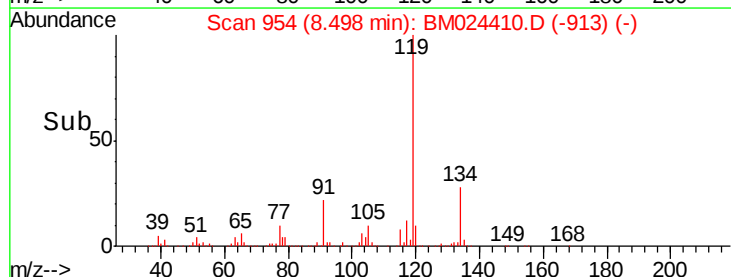
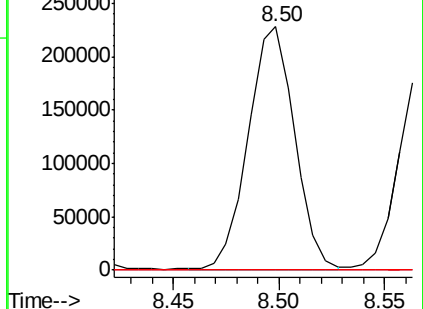
199 0.0 49.0 73.6#

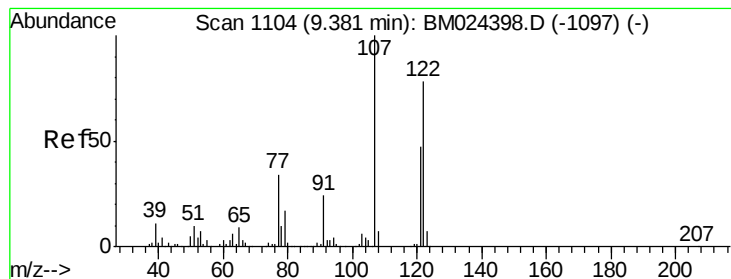


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#24

2,4-Dimethylphenol

Concen: 1.038 ng/ul

RT: 9.39 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BM024410.D

Acq: 31 Dec 2019 23:40

Instrument :

BNA_M

ClientSampled :

ETK90

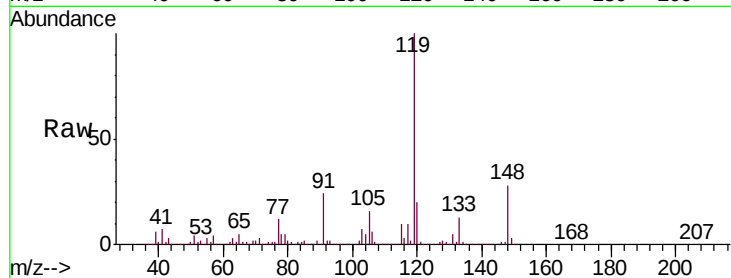
Tgt Ion:107 Resp: 15632

Ion Ratio Lower Upper

107 100

121 108.8 38.6 57.8#

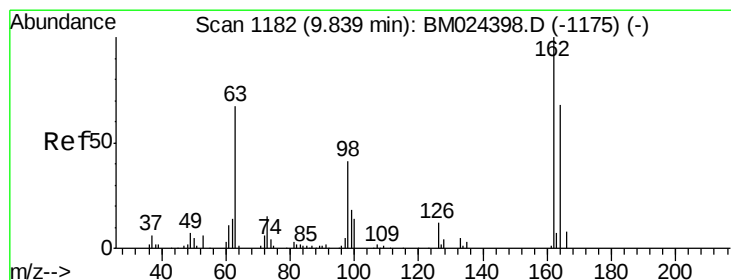
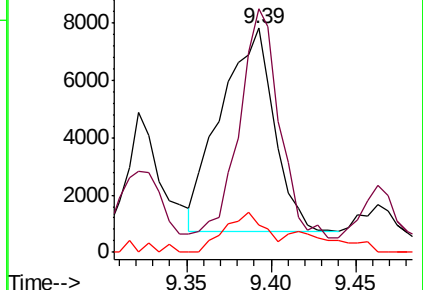
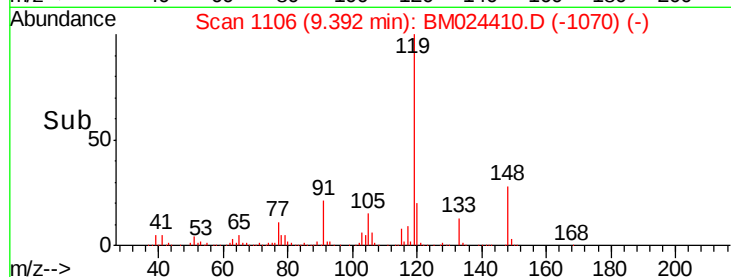
122 12.5 65.1 97.7#



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



#27

2,4-Dichlorophenol

Concen: 2.804 ng/ul

RT: 9.86 min Scan# 1185

Delta R.T. 0.02 min

Lab File: BM024410.D

Acq: 31 Dec 2019 23:40

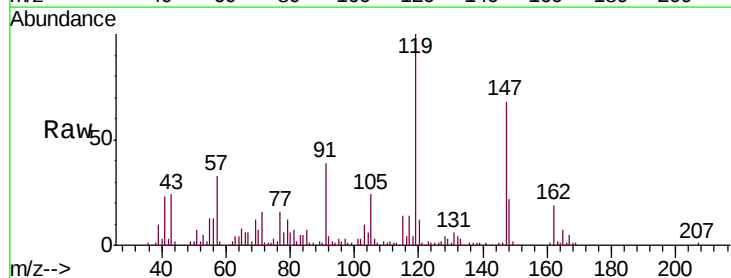
Tgt Ion:162 Resp: 33831

Ion Ratio Lower Upper

162 100

164 4.1 51.8 77.6#

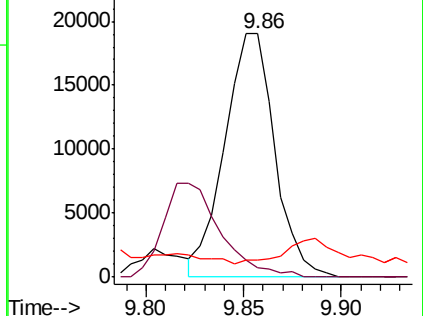
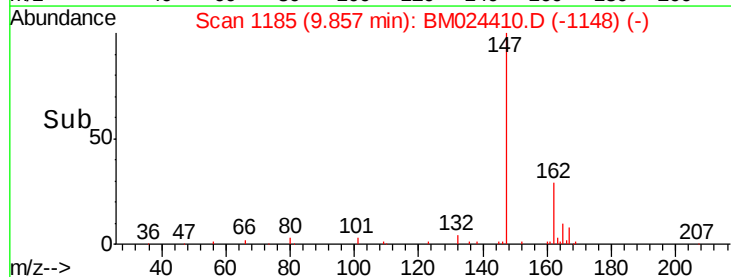
98 7.2 31.7 47.5#

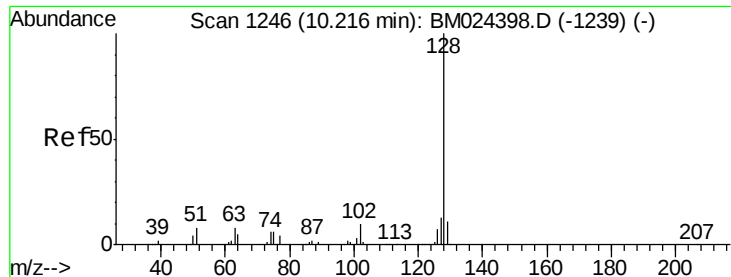


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM0

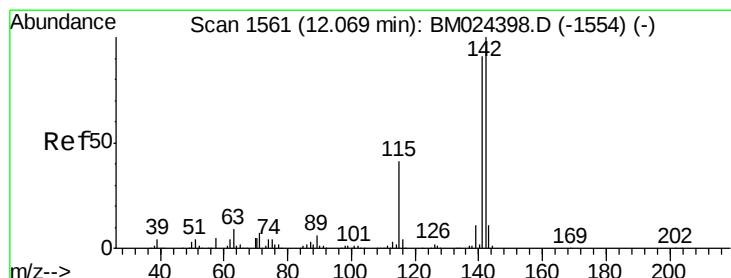
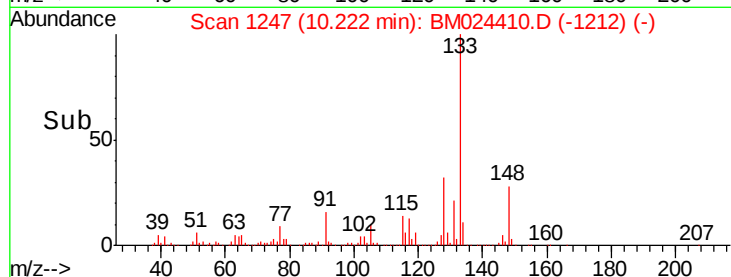
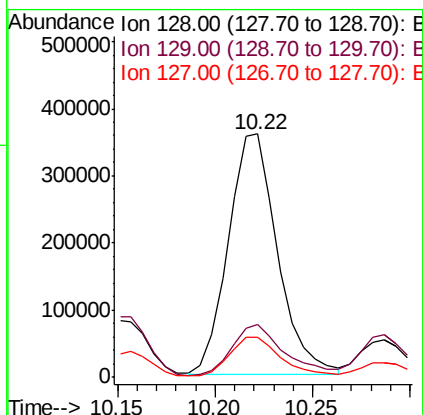
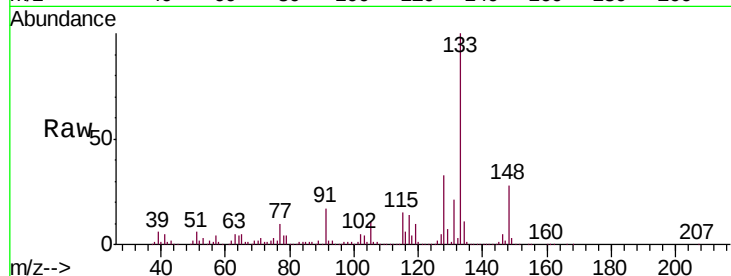




#28
Naphthalene
Concen: 14.874 ng/ul
RT: 10.22 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BM024410.D
Acq: 31 Dec 2019 23:40

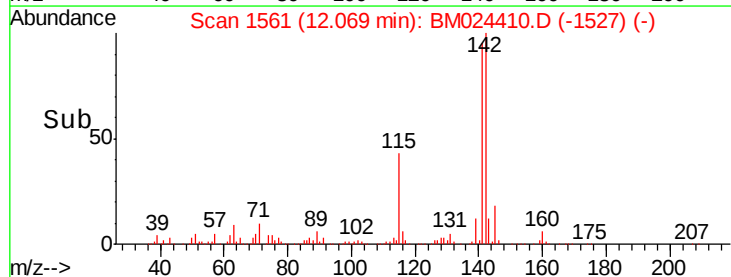
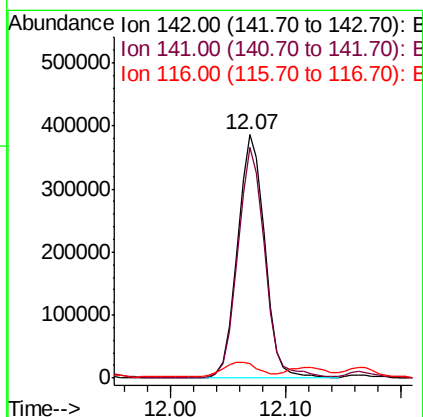
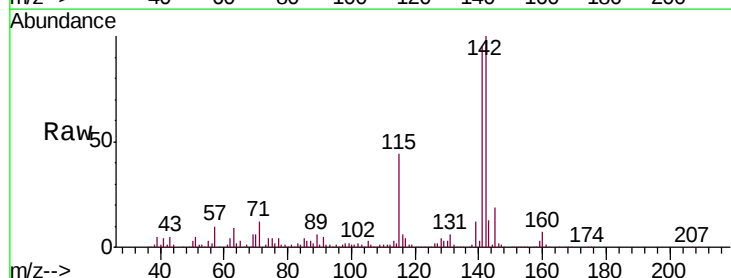
Instrument :
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ClientSampleId :
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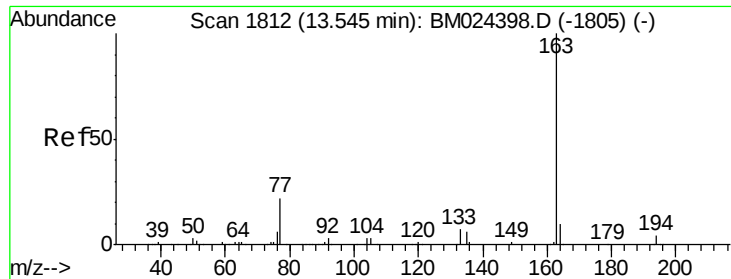
Tgt Ion:128 Resp: 625591
Ion Ratio Lower Upper
128 100
129 21.5 8.8 13.2#
127 16.5 10.3 15.5#



#35
1-Methylnaphthalene
Concen: 20.422 ng/ul
RT: 12.07 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BM024410.D
Acq: 31 Dec 2019 23:40

Tgt Ion:142 Resp: 626692
Ion Ratio Lower Upper
142 100
141 95.0 72.7 109.1
116 6.2 3.0 4.6#





#45

Dimethylphthalate

Concen: 5.154 ng/ul

RT: 13.55 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BM024410.D

Acq: 31 Dec 2019 23:40

Instrument :

BNA_M

ClientSampleId :

ETK90

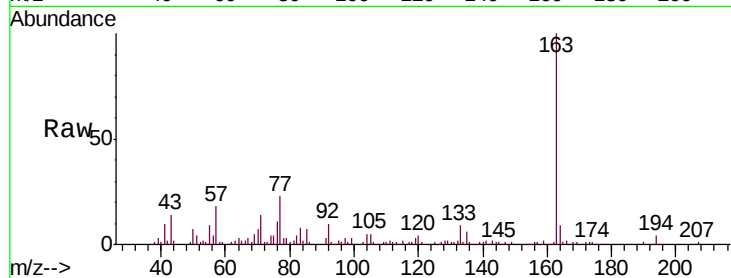
Tgt Ion:163 Resp: 190408

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

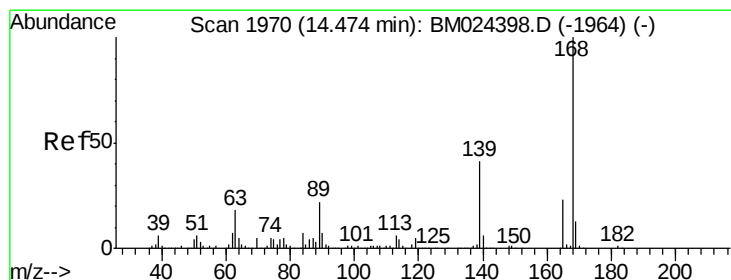
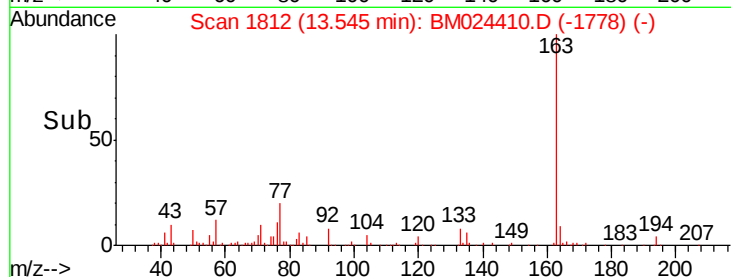
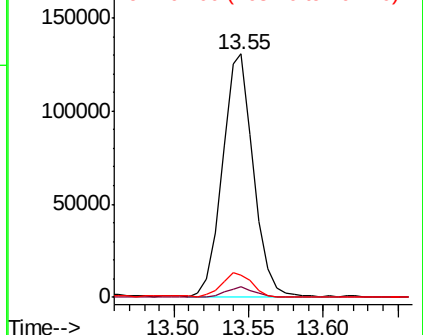
164 9.4 7.8 11.6



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



#55

2,4-Dinitrotoluene

Concen: 1.282 ng/ul

RT: 14.49 min Scan# 1972

Delta R.T. 0.01 min

Lab File: BM024410.D

Acq: 31 Dec 2019 23:40

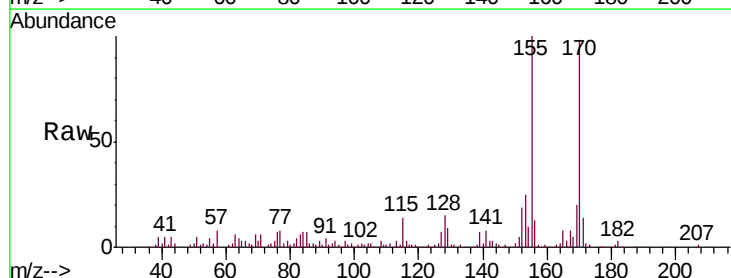
Tgt Ion:165 Resp: 14090

Ion Ratio Lower Upper

165 100

63 68.9 43.6 65.4#

182 36.5 2.3 3.5#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

