

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
 Data File : BM024130.D
 Acq On : 17 Dec 2019 20:22
 Operator : JU
 Sample : K6132-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFQW0

Quant Time: Dec 18 00:40:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 17 15:54:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-7.45
18) Naphthalene-d8	10.22	136	911	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	4292	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.97	188	3786645	20.00	ng/ul	0.10
78) Chrysene-d12	21.21	240	291	20.00	ng/ul	0.13
86) Perylene-d12	23.37	264	844	20.00	ng/ul	0.15
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	52864	0.00	ng/uL	0.00
5) Phenol-d5	6.65	99	215896	0.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	509537	0.00	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	525262	0.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	412322	0.00	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	311057	47516.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	355602	49406.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	689320	49264.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	12309	724.30	ng/ul	0.02
44) Dimethylphthalate-d6	13.54	166	2573073	8107.12	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	2943148	7738.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	517	9.07	ng/ul	-0.03
58) Fluorene-d10	15.12	176	2309378	8300.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	436255	18.89	ng/ul	0.00
71) Anthracene-d10	16.97	188	3799609	22.05	ng/ul	0.00
79) Pyrene-d10	19.27	212	4220526	304473.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	4253703	101464.99	ng/ul	0.00
Target Compounds						
20) Nitrobenzene	8.65	77	2185	120.081	ng/ul#	86
21) Isophorone	9.19	82	1009	29.667	ng/ul#	67
23) 2-Nitrophenol	9.35	139	425	53.635	ng/ul#	1
24) 2,4-Dimethylphenol	9.43	107	4328	253.197	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.67	93	232	10.980	ng/ul#	1
27) 2,4-Dichlorophenol	9.89	162	292	21.322	ng/ul#	1
28) Naphthalene	10.27	128	7937	166.261	ng/ul#	94
30) 4-Chloroaniline	10.52	127	907	52.878	ng/ul#	60
32) Caprolactam	11.20	113	321	62.032	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.56	107	693	42.171	ng/ul#	19
34) 2-Methylnaphthalene	11.90	142	5952	174.429	ng/ul	94
35) 1-Methylnaphthalene	12.12	142	5091	146.171	ng/ul#	52
41) 1,1'-Biphenyl	12.94	154	1794	5.600	ng/ul#	72
43) 2-Nitroaniline	13.20	65	173	2.344	ng/ul#	63
45) Dimethylphthalate	13.59	163	285814	866.500	ng/ul	100
46) 2,6-Dinitrotoluene	13.70	165	113	1.739	ng/ul#	1
48) Acenaphthylene	13.82	152	798	1.976	ng/ul#	50
49) 3-Nitroaniline	14.00	138	549	8.903	ng/ul#	72
50) Acenaphthene	14.18	153	3964	14.279	ng/ul#	81
53) 4-Nitrophenol	14.37	109	1689	37.170	ng/ul#	57
54) Dibenzofuran	14.52	168	2777	7.195	ng/ul#	43
55) 2,4-Dinitrotoluene	14.49	165	589	6.003	ng/ul#	61
56) 2,3,4,6-Tetrachlorophenol	14.76	232	451	6.031	ng/ul#	20

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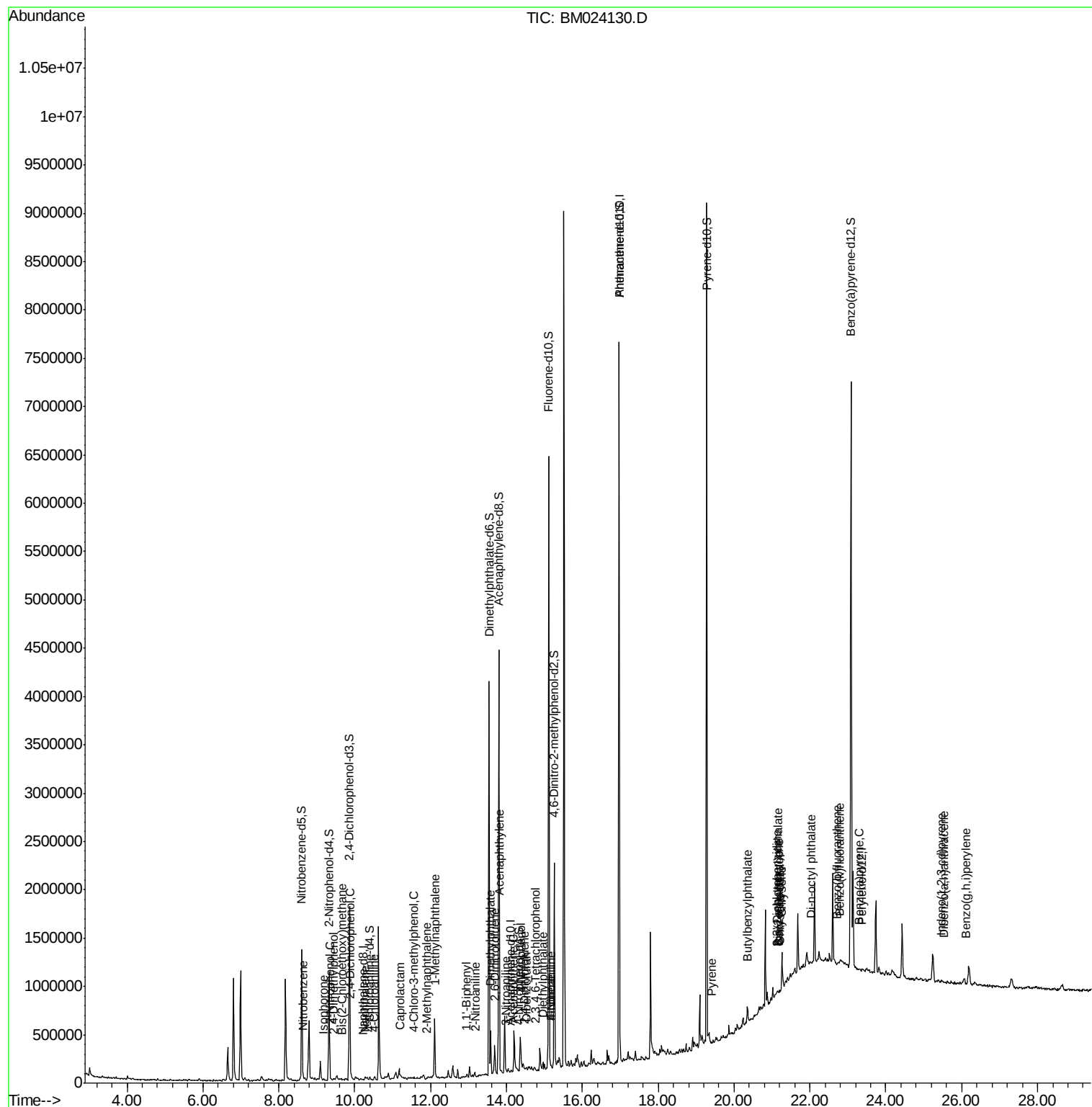
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) Diethylphthalate	14.96	149	35277	105.192	ng/ul#	95
59) Fluorene	15.17	166	3105	9.527	ng/ul#	74
61) 4-Nitroaniline	15.18	138	433	6.359	ng/ul#	31
80) Pyrene	19.41	202	658	34.636	ng/ul#	1
81) Butylbenzylphthalate	20.35	149	605	80.835	ng/ul#	1
82) 3,3'-Dichlorobenzidine	21.14	252	309	47.834	ng/ul#	26
83) Benzo(a)anthracene	21.19	228	140	7.551	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.15	149	1000	89.659	ng/ul#	81
85) Chrysene	21.25	228	140	7.704	ng/ul#	1
87) Di-n-octyl phthalate	22.03	149	1076	23.596	ng/ul	100
88) Benzo(b)fluoranthene	22.72	252	404	8.000	ng/ul#	1
89) Benzo(k)fluoranthene	22.78	252	460	9.284	ng/ul#	1
91) Benzo(a)pyrene	23.30	252	124	2.714	ng/ul#	1
92) Indeno(1,2,3-cd)pyrene	25.47	276	284	5.177	ng/ul#	1
93) Dibenzo(a,h)anthracene	25.53	278	275	5.979	ng/ul#	1
94) Benzo(g,h,i)perylene	26.13	276	124	2.769	ng/ul#	1

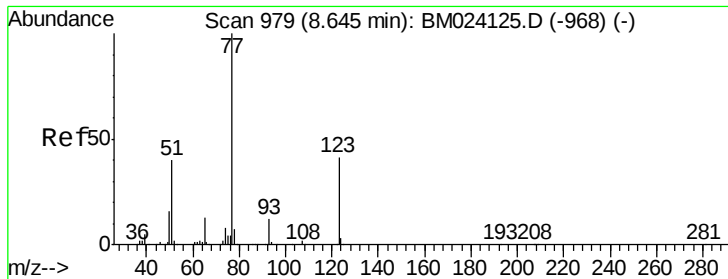
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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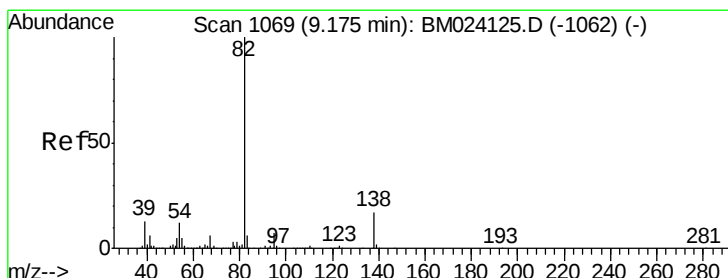
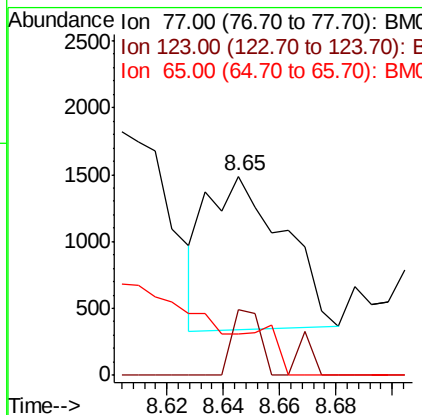
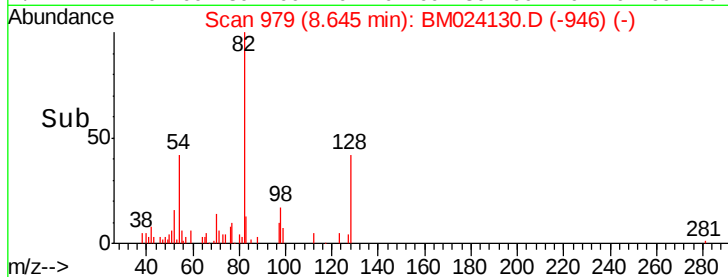
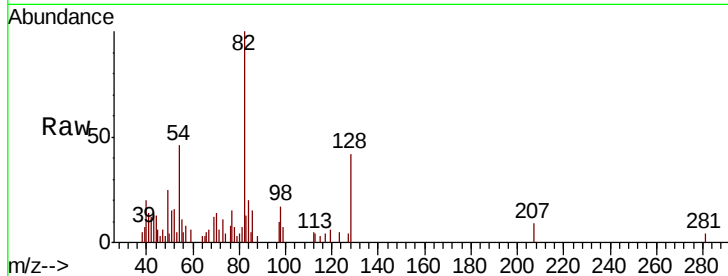




#20
Nitrobenzene
Concen: 120.081 ng/ul
RT: 8.65 min Scan# 979
Delta R.T. -0.01 min
Lab File: BM024130.D
Acq: 17 Dec 2019 20:22

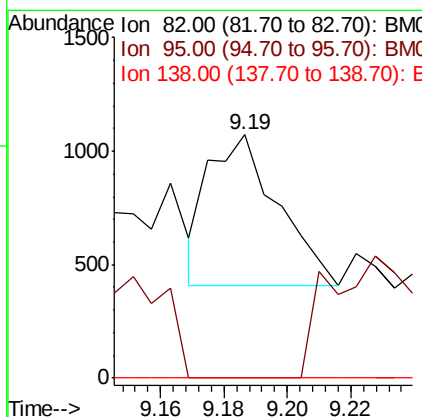
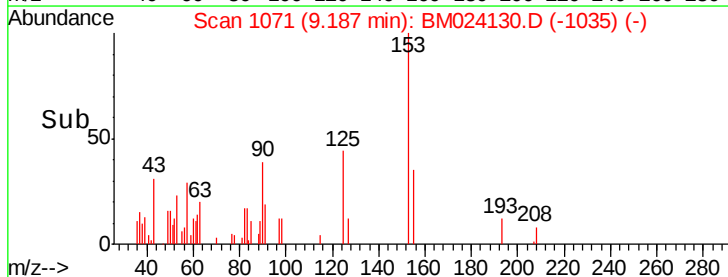
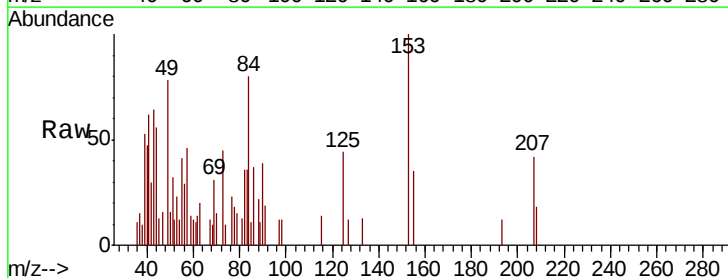
Instrument :
BNA_M
ClientSampleID :
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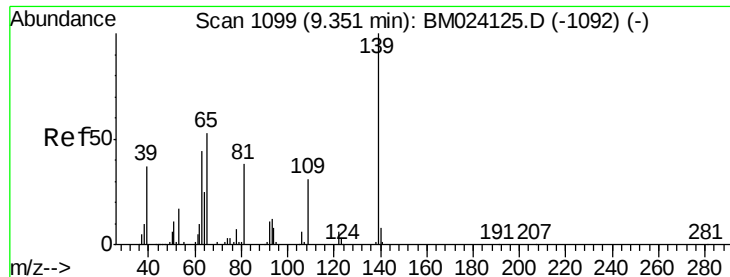
Tot Ion	Ratio	Lower	Upper
77	100		
123	33.2	32.6	49.0
65	20.8	9.9	14.9#



#21
Isophorone
Concen: 29.667 ng/ul
RT: 9.19 min Scan# 1071
Delta R.T. 0.01 min
Lab File: BM024130.D
Acq: 17 Dec 2019 20:22

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.0	19.4#

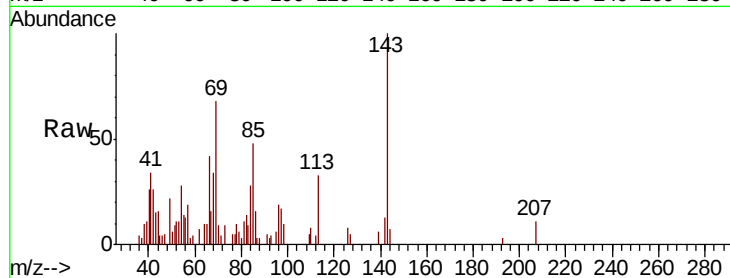




#23
2-Nitrophenol
Concen: 53.635 ng/ul
RT: 9.35 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BM024130.D
Acq: 17 Dec 2019 20:22

Instrument :
BNA_M
ClientSampleId :
BFQW0

Tot Ion	Ratio	Lower	Upper
139	100		
65	186.1	40.2	60.2#
109	95.0	24.6	37.0#

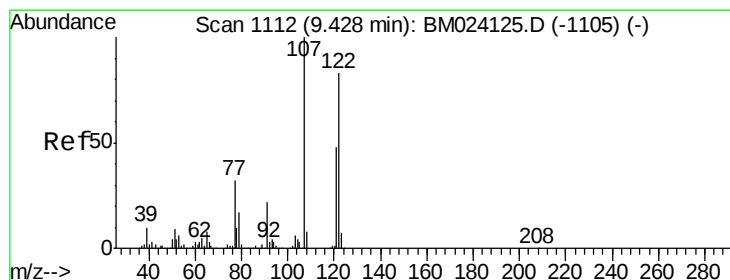
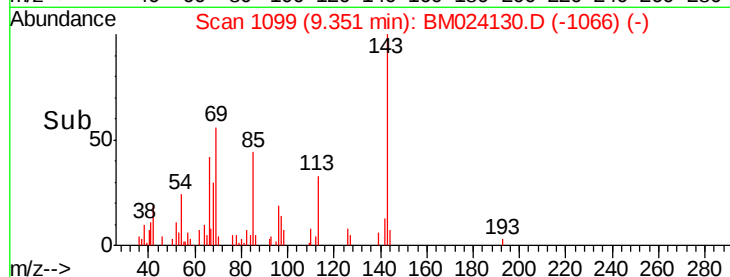
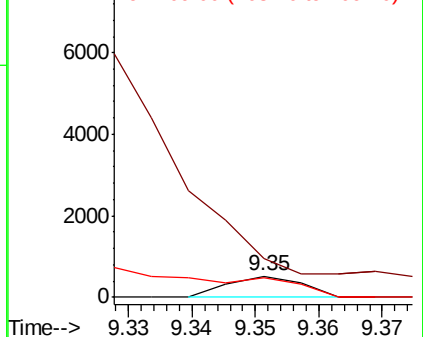


Abundance

Ion 139.00 (138.70 to 139.70): E

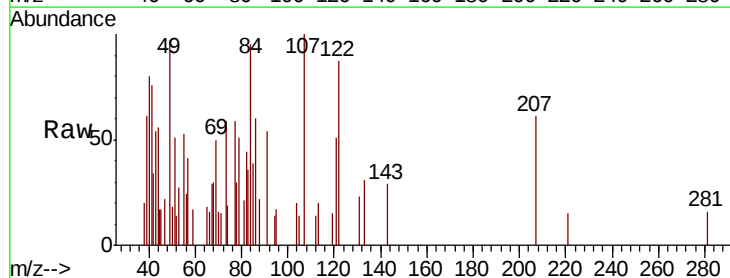
Ion 65.00 (64.70 to 65.70): BM

Ion 109.00 (108.70 to 109.70): E



#24
2,4-Dimethylphenol
Concen: 253.197 ng/ul
RT: 9.43 min Scan# 1113
Delta R.T. 0.01 min
Lab File: BM024130.D
Acq: 17 Dec 2019 20:22

Tgt Ion	Ratio	Lower	Upper
107	100		
121	51.3	38.6	57.8
122	87.2	65.1	97.7

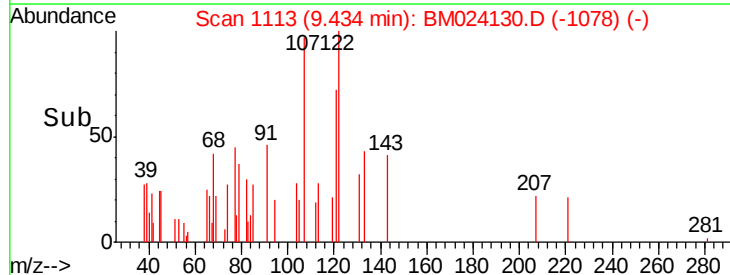
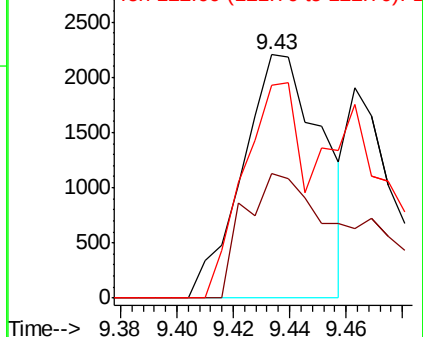


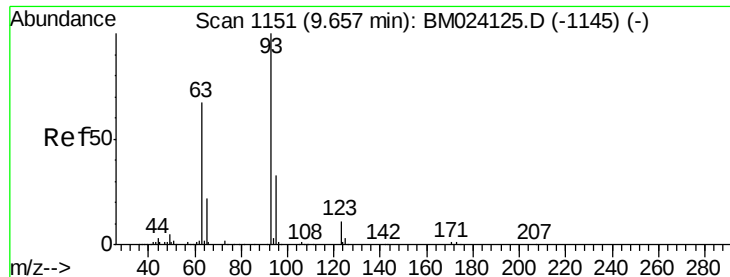
Abundance

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

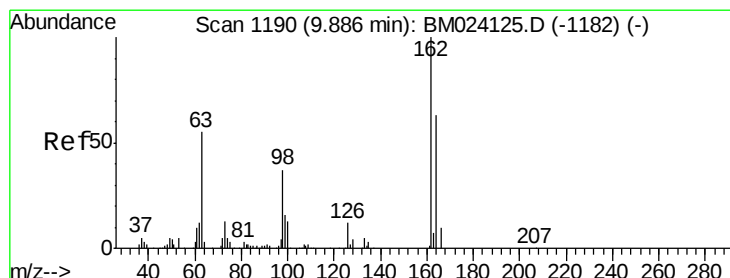
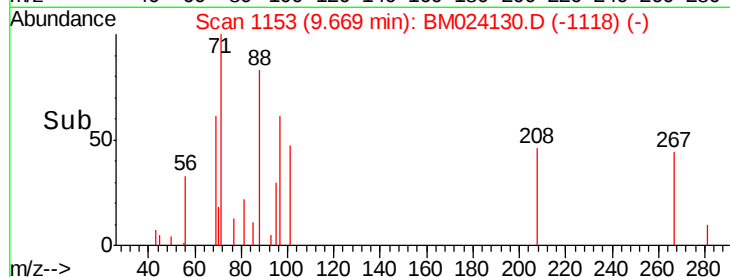
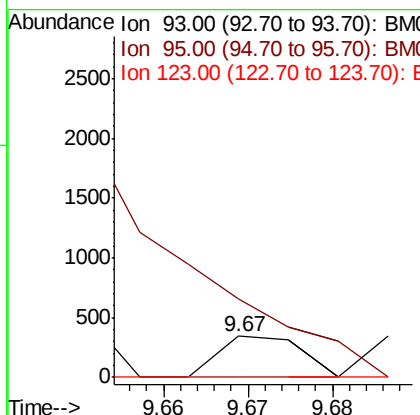
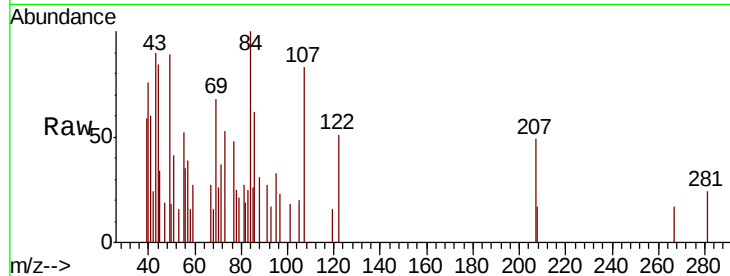




#25
 Bis(2-Chloroethoxy)methane
 Concen: 10.980 ng/ul
 RT: 9.67 min Scan# 1153
 Delta R.T. 0.01 min
 Lab File: BM024130.D
 Acq: 17 Dec 2019 20:22

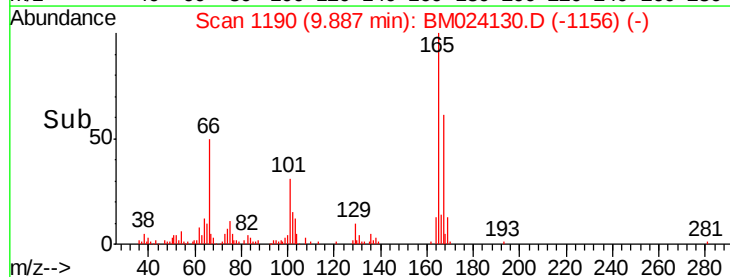
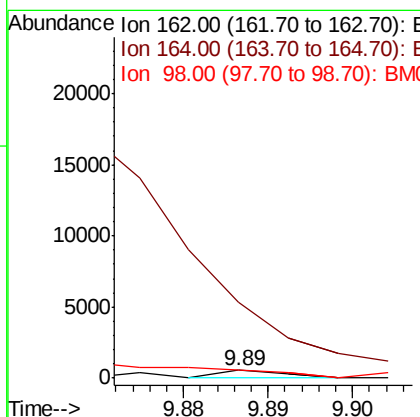
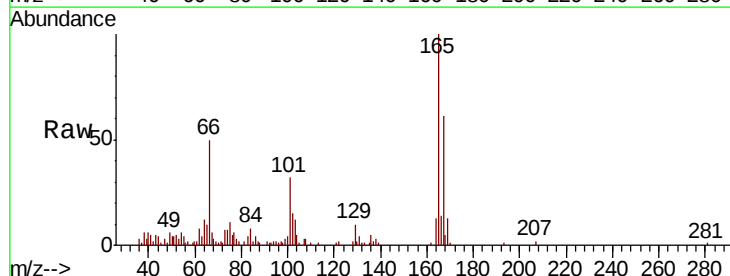
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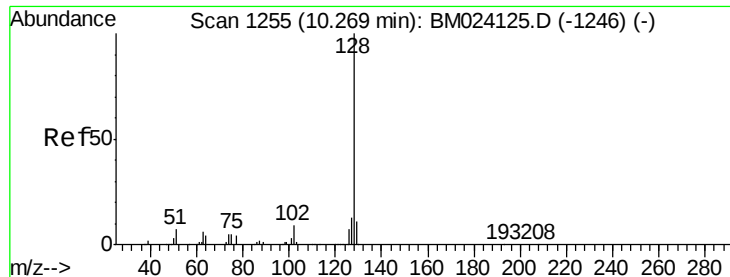
Tot Ion: 93 Resp: 232
 Ion Ratio Lower Upper
 93 100
 95 190.1 26.2 39.2#
 123 0.0 8.5 12.7#



#27
 2,4-Dichlorophenol
 Concen: 21.322 ng/ul
 RT: 9.89 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BM024130.D
 Acq: 17 Dec 2019 20:22

Tgt Ion: 162 Resp: 292
 Ion Ratio Lower Upper
 162 100
 164 1013.3 51.8 77.6#
 98 112.0 31.7 47.5#





#28

Naphthalene

Concen: 166.261 ng/ul

RT: 10.27 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BM024130.D

Acq: 17 Dec 2019 20:22

Instrument :

BNA_M

ClientSampleId :

BFQW0

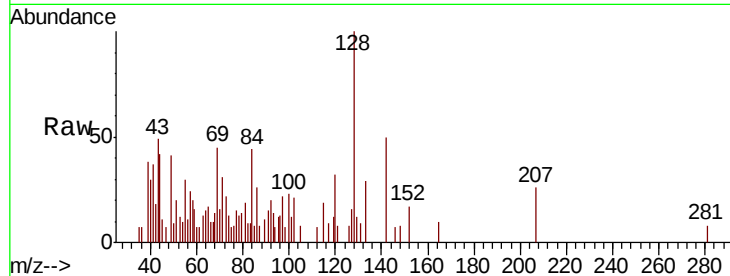
Tot Ion:128 Resp: 7937

Ion Ratio Lower Upper

128 100

129 12.2 8.8 13.2

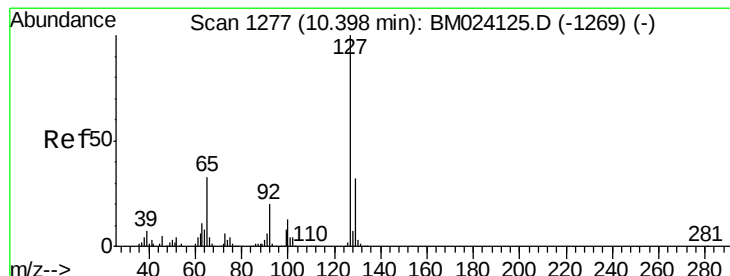
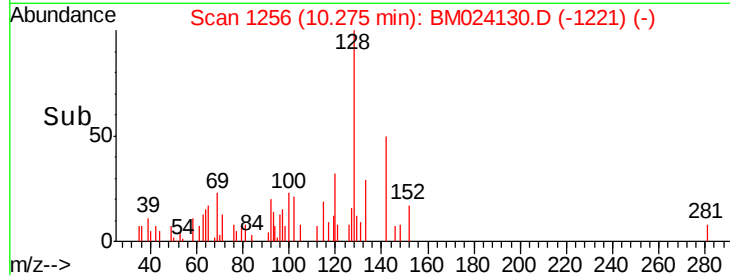
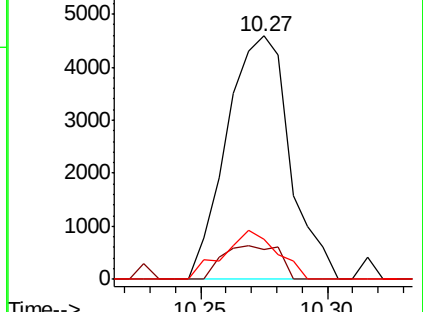
127 16.4 10.3 15.5#



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



#30

4-Chloroaniline

Concen: 52.878 ng/ul

RT: 10.52 min Scan# 1297

Delta R.T. 0.12 min

Lab File: BM024130.D

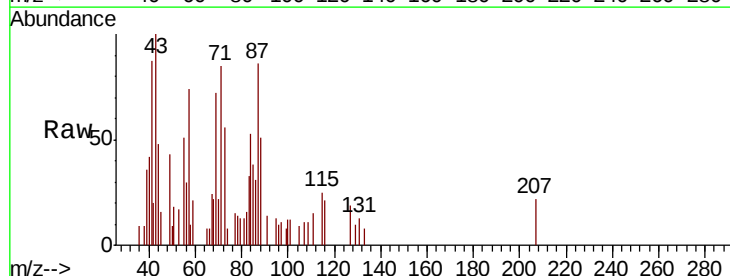
Acq: 17 Dec 2019 20:22

Tgt Ion:127 Resp: 907

Ion Ratio Lower Upper

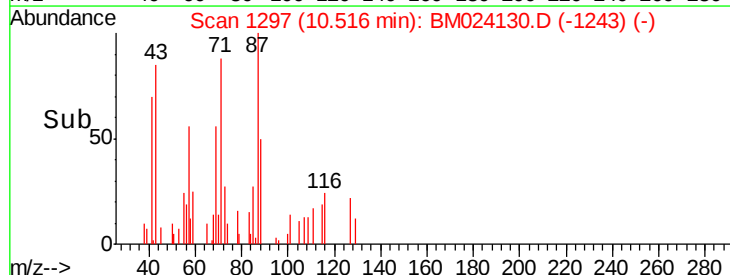
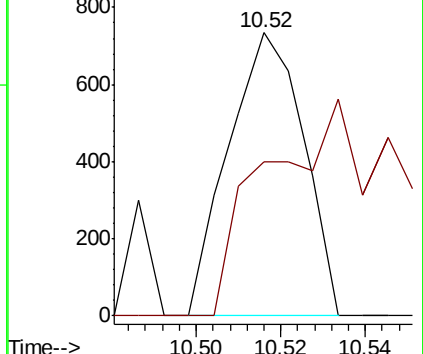
127 100

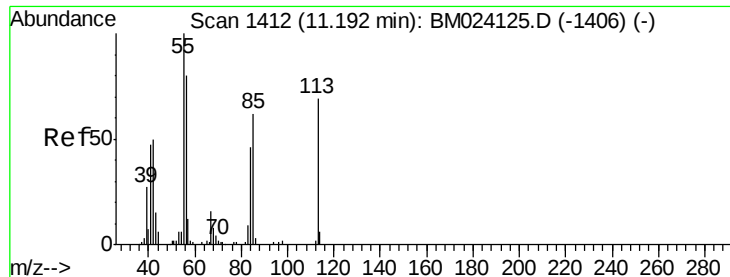
129 54.6 25.9 38.9#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#32

Caprolactam

Concen: 62.032 ng/ul

RT: 11.20 min Scan# 1413

Delta R.T. 0.01 min

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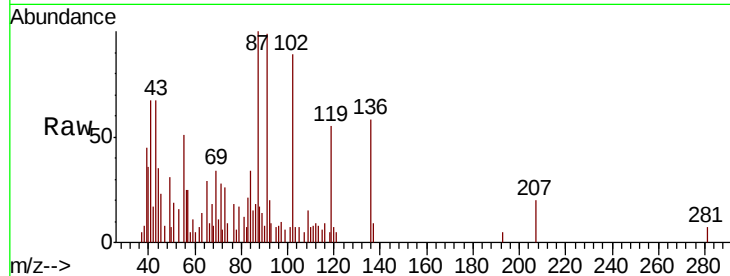
Tot Ion:113 Resp: 321

Ion Ratio Lower Upper

113 100

55 611.7 121.0 181.6#

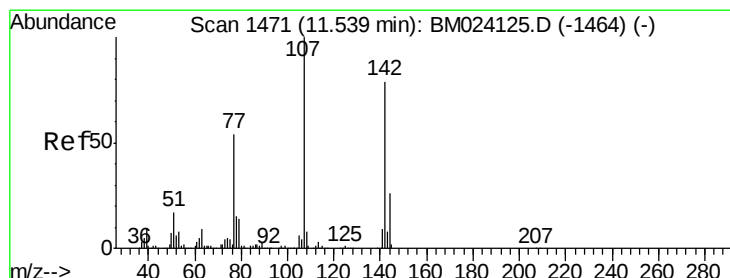
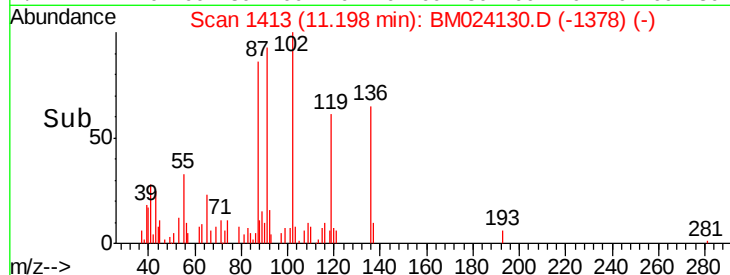
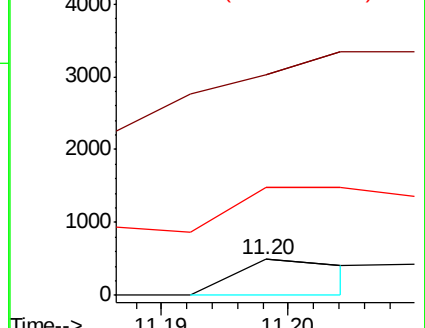
56 298.6 96.8 145.2#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 42.171 ng/ul

RT: 11.56 min Scan# 1475

Delta R.T. 0.02 min

Lab File: BM024130.D

Acq: 17 Dec 2019 20:22

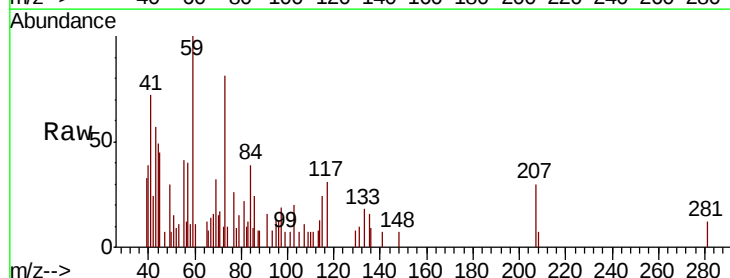
Tgt Ion:107 Resp: 693

Ion Ratio Lower Upper

107 100

144 0.0 19.8 29.8#

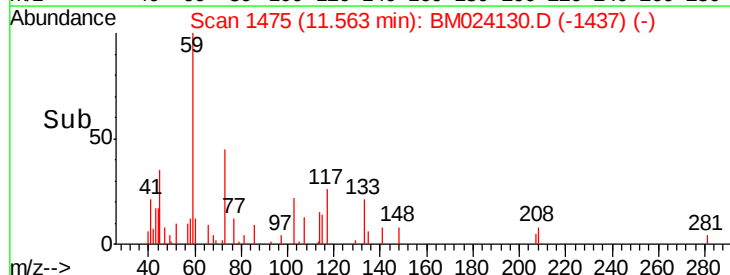
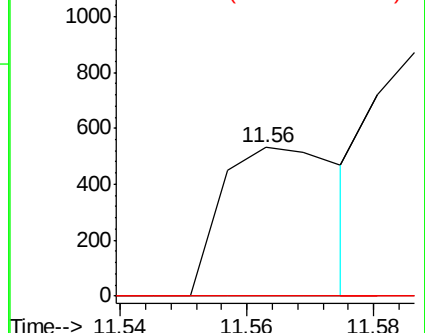
142 0.0 63.3 94.9#

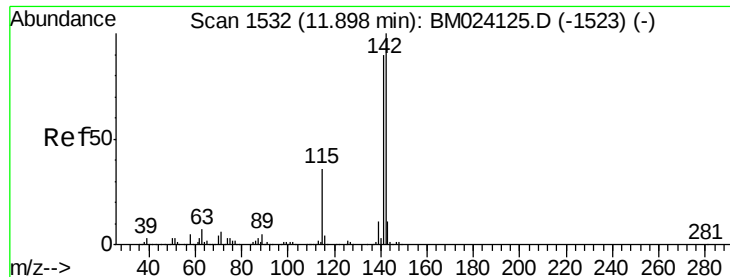


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

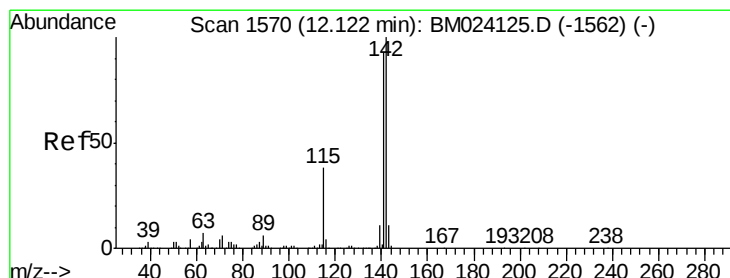
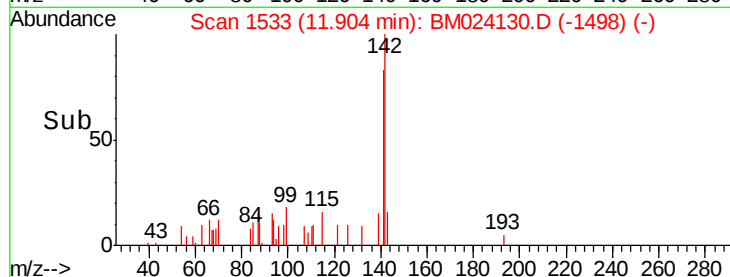
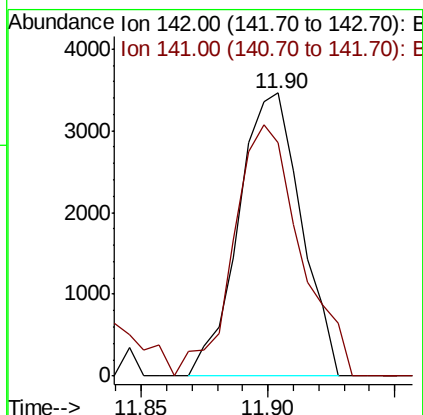
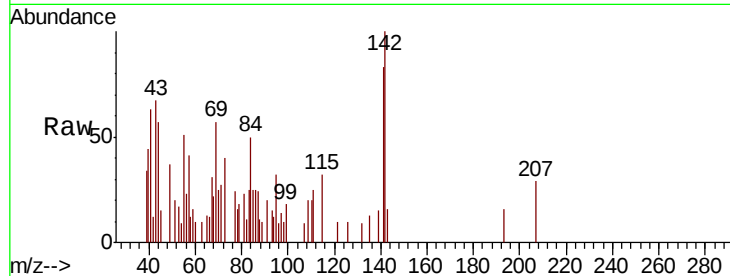




#34
2-Methylnaphthalene
Concen: 174.429 ng/ul
RT: 11.90 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BM024130.D
Acq: 17 Dec 2019 20:22

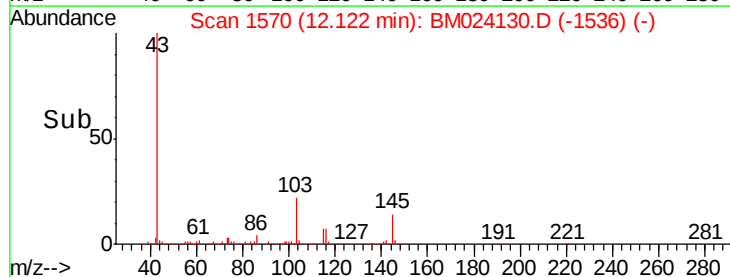
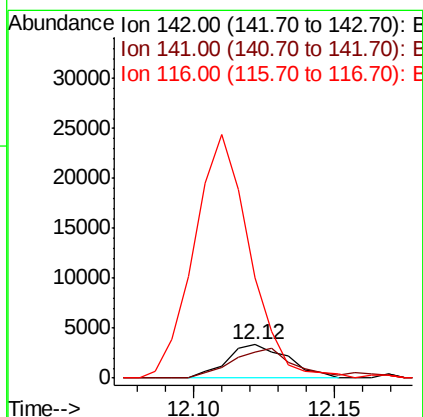
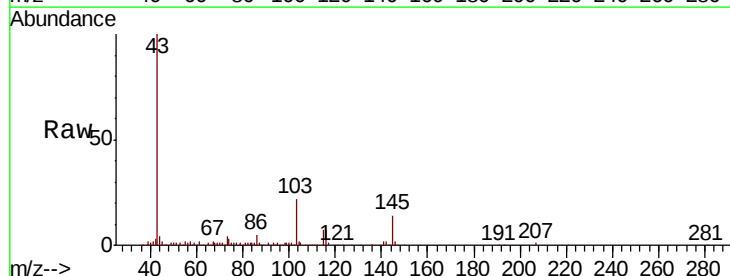
Instrument :
BNA_M
ClientSampleId :
BFQW0

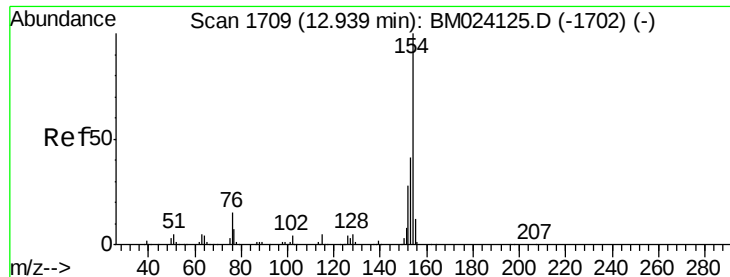
Tot Ion:142 Resp: 5952
Ion Ratio Lower Upper
142 100
141 82.7 70.9 106.3



#35
1-Methylnaphthalene
Concen: 146.171 ng/ul
RT: 12.12 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BM024130.D
Acq: 17 Dec 2019 20:22

Tgt Ion:142 Resp: 5091
Ion Ratio Lower Upper
142 100
141 79.6 72.7 109.1
116 301.0 3.0 4.6#

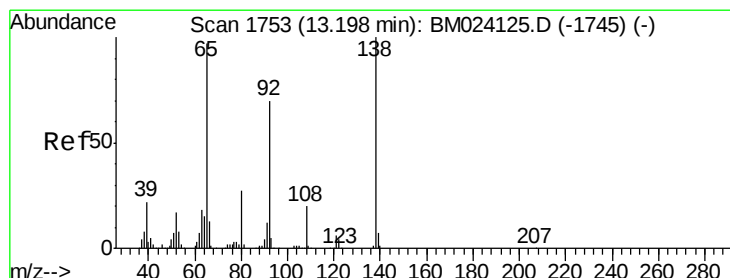
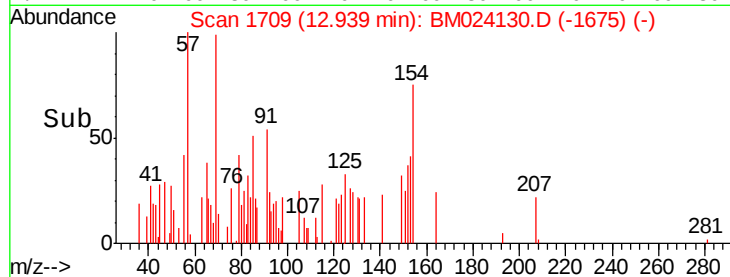
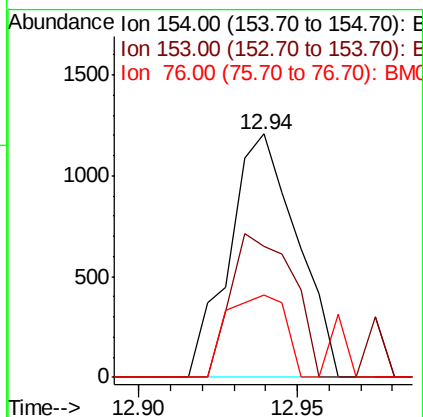
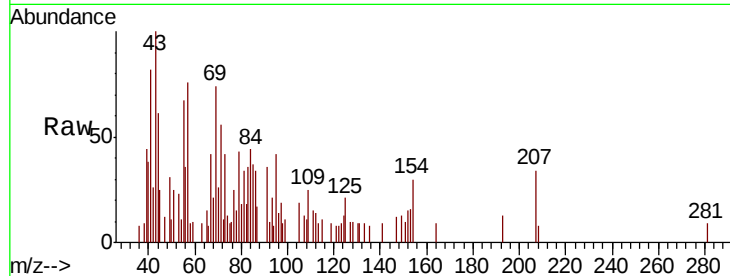




#41
 1,1'-Biphenyl
 Concen: 5.600 ng/ul
 RT: 12.94 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BM024130.D
 Acq: 17 Dec 2019 20:22

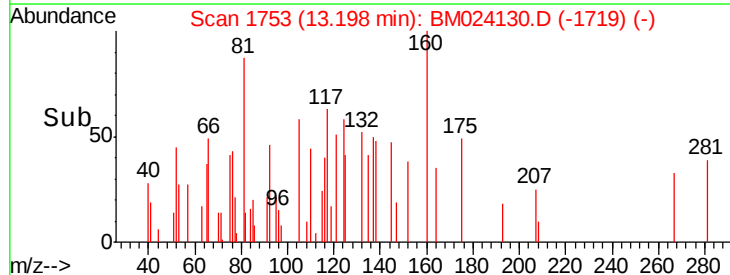
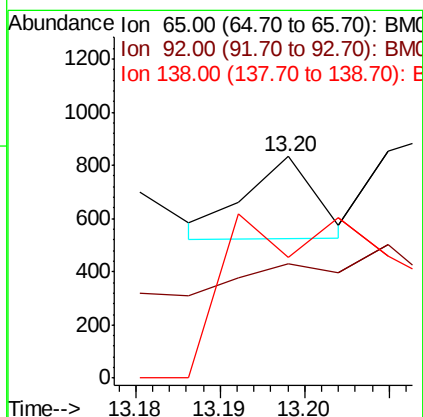
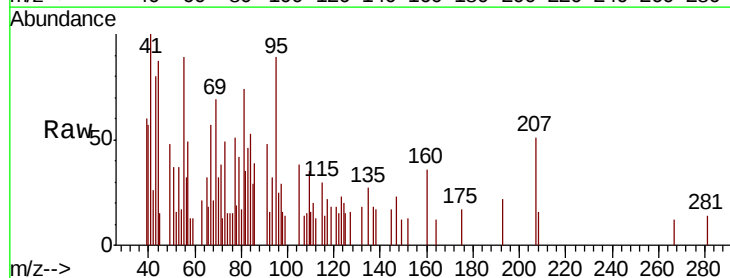
Instrument :
 BNA_M
 ClientSampleId :
 BFQW0

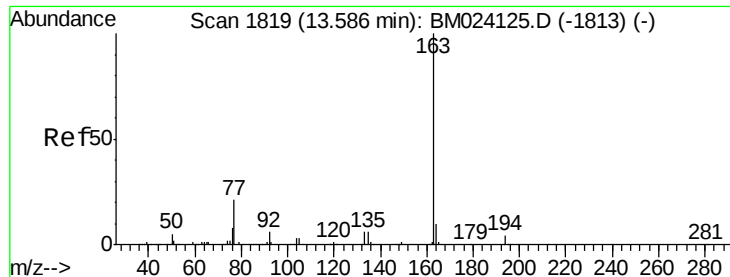
Tot Ion:154 Resp: 1794
 Ion Ratio Lower Upper
 154 100
 153 54.1 32.2 48.4#
 76 33.9 12.2 18.2#



#43
 2-Nitroaniline
 Concen: 2.344 ng/ul
 RT: 13.20 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BM024130.D
 Acq: 17 Dec 2019 20:22

Tgt Ion: 65 Resp: 173
 Ion Ratio Lower Upper
 65 100
 92 51.9 56.7 85.1#
 138 54.3 81.0 121.4#





#45

Dimethylphthalate

Concen: 866.500 ng/ul

RT: 13.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BM024130.D

Acq: 17 Dec 2019 20:22

Instrument :

BNA_M

ClientSampleId :

BFQW0

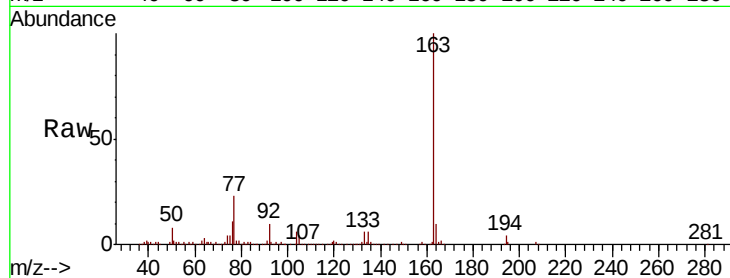
Tot Ion:163 Resp: 285814

Ion Ratio Lower Upper

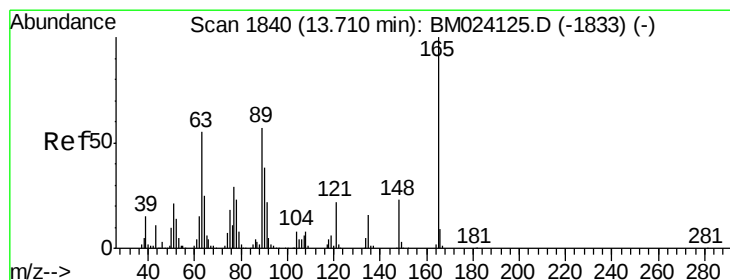
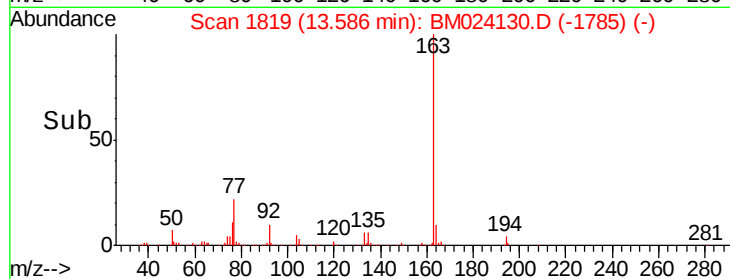
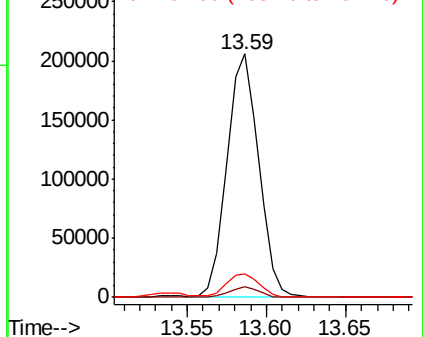
163 100

194 4.2 3.2 4.8

164 9.5 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



#46

2,6-Dinitrotoluene

Concen: 1.739 ng/ul

RT: 13.70 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BM024130.D

Acq: 17 Dec 2019 20:22

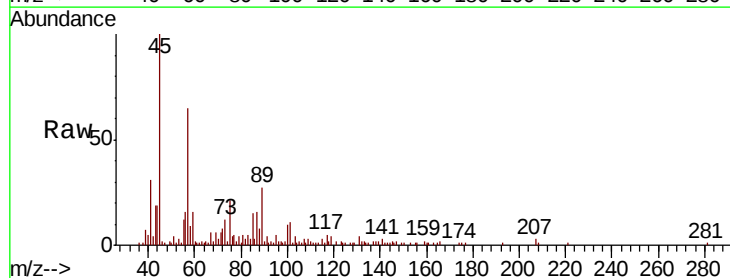
Tgt Ion:165 Resp: 113

Ion Ratio Lower Upper

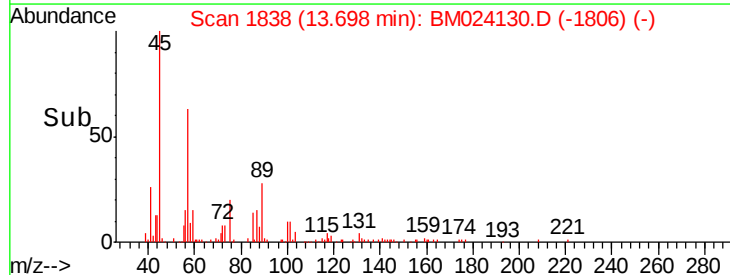
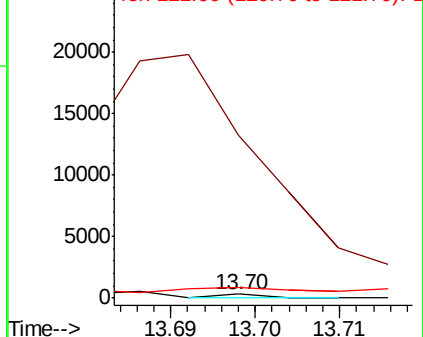
165 100

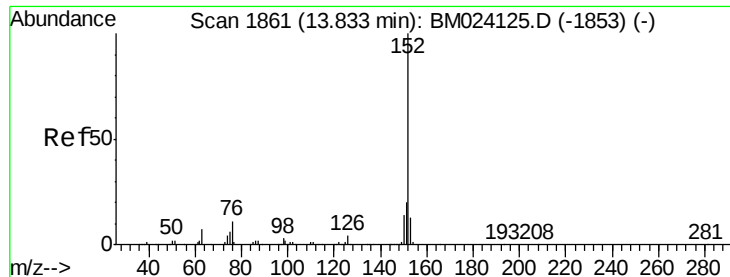
89 4160.5 47.0 70.4#

121 271.5 17.1 25.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM
Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 1.976 ng/ul

RT: 13.82 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BM024130.D

Acq: 17 Dec 2019 20:22

Instrument :

BNA_M

ClientSampleId :

BFQW0

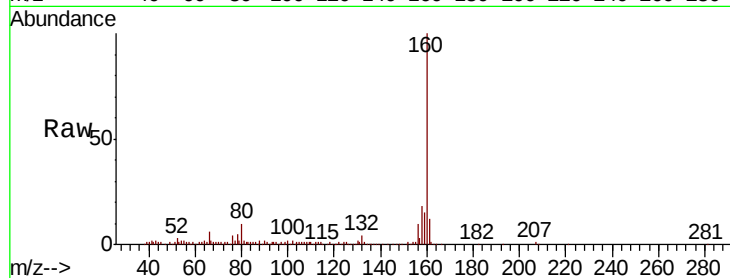
Tot Ion:152 Resp: 798

Ion Ratio Lower Upper

152 100

151 27.2 16.0 24.0#

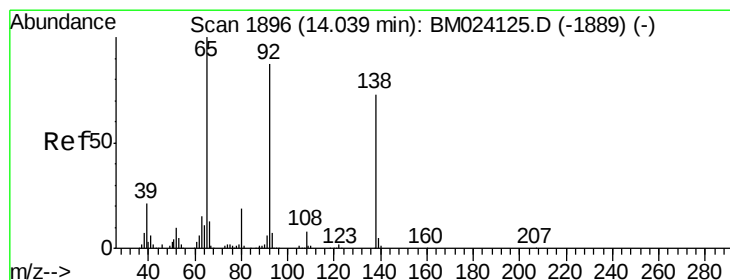
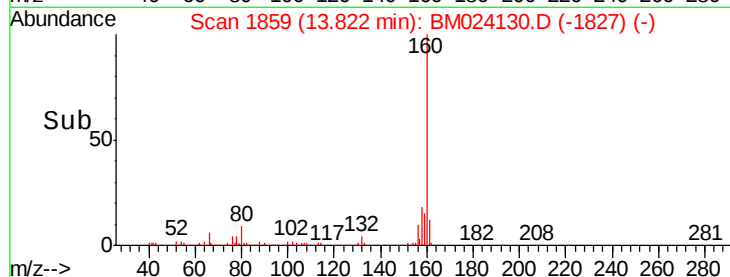
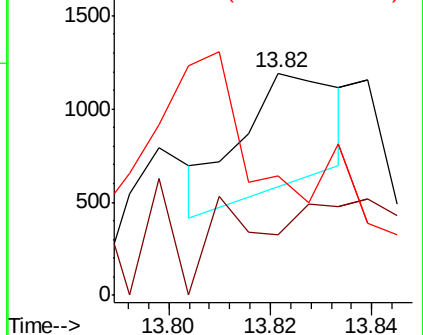
153 53.8 10.6 16.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

3-Nitroaniline

Concen: 8.903 ng/ul

RT: 14.00 min Scan# 1890

Delta R.T. -0.04 min

Lab File: BM024130.D

Acq: 17 Dec 2019 20:22

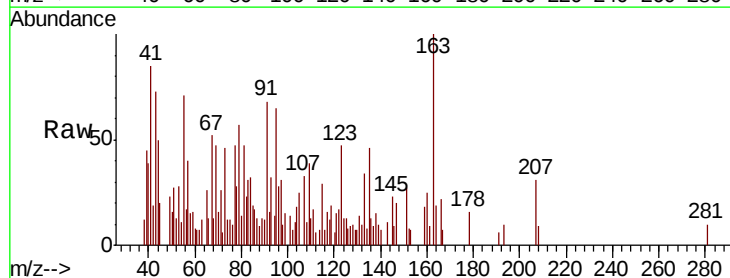
Tgt Ion:138 Resp: 549

Ion Ratio Lower Upper

138 100

108 73.7 8.8 13.2#

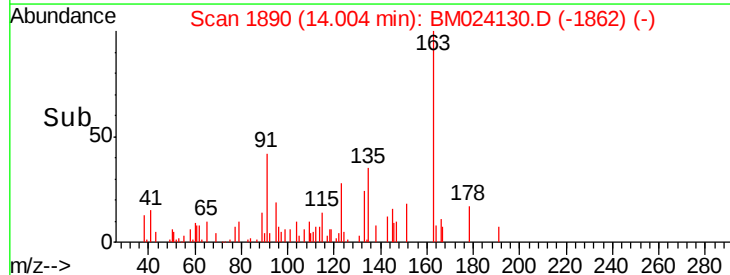
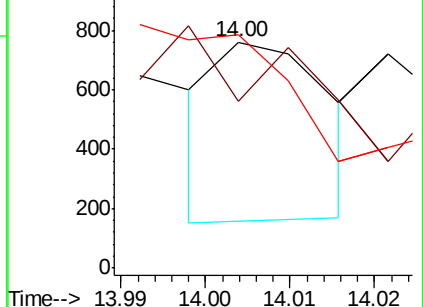
92 103.6 97.3 145.9

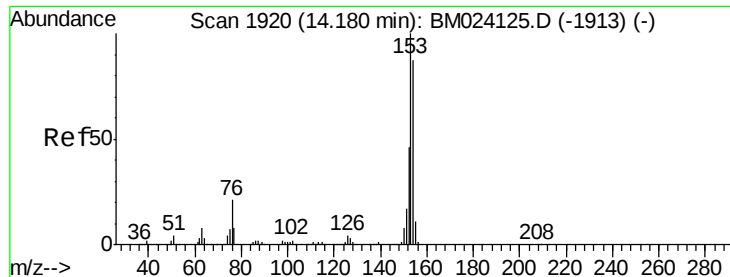


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





#50

Acenaphthene

Concen: 14.279 ng/ul

RT: 14.18 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BM024130.D

Acq: 17 Dec 2019 20:22

Instrument :

BNA_M

ClientSampleId :

BFQW0

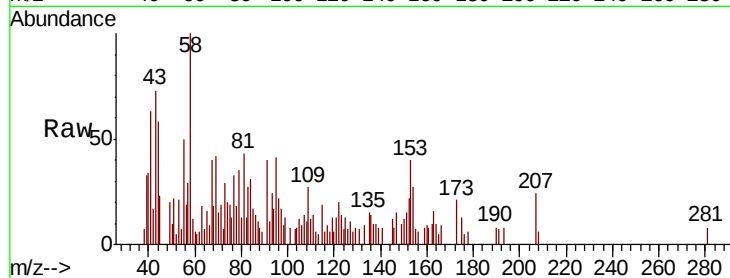
Tot Ion:153 Resp: 3964

Ion Ratio Lower Upper

153 100

152 55.4 37.8 56.6

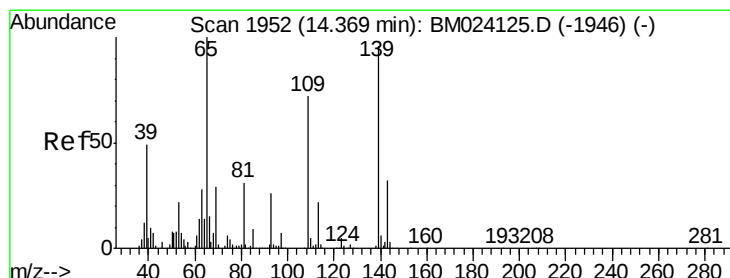
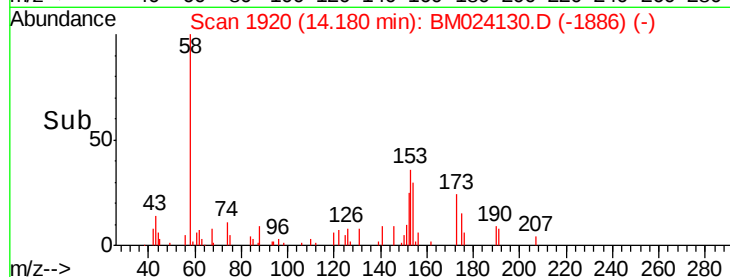
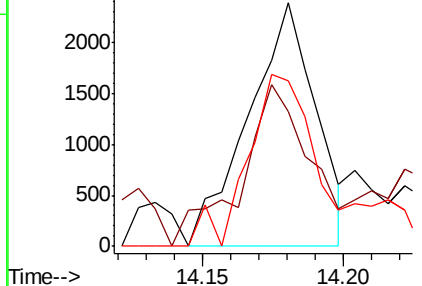
154 67.9 71.1 106.7#



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



#53

4-Nitrophenol

Concen: 37.170 ng/ul

RT: 14.37 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BM024130.D

Acq: 17 Dec 2019 20:22

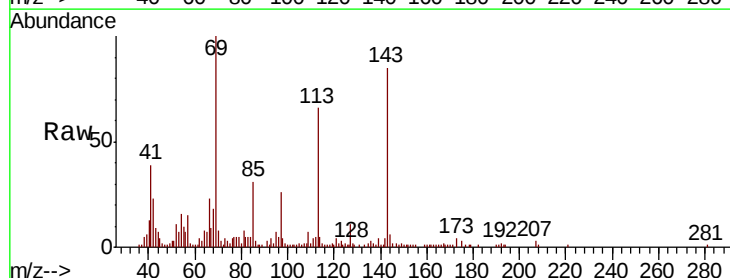
Tgt Ion:109 Resp: 1689

Ion Ratio Lower Upper

109 100

139 59.6 105.0 157.4#

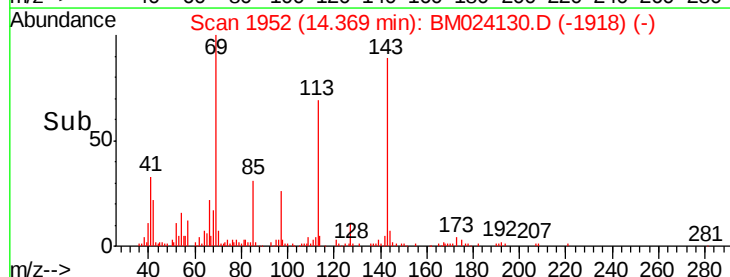
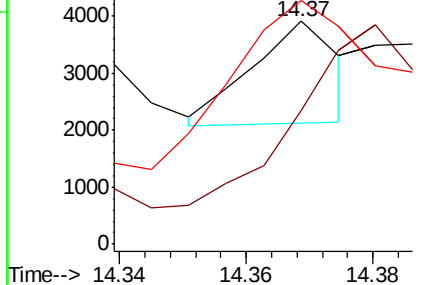
65 109.1 113.0 169.4#

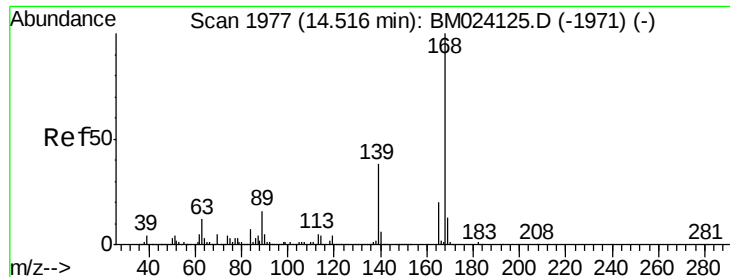


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM





#54

Dibenzofuran

Concen: 7.195 ng/ul

RT: 14.52 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BM024130.D

Acq: 17 Dec 2019 20:22

Instrument :

BNA_M

ClientSampleId :

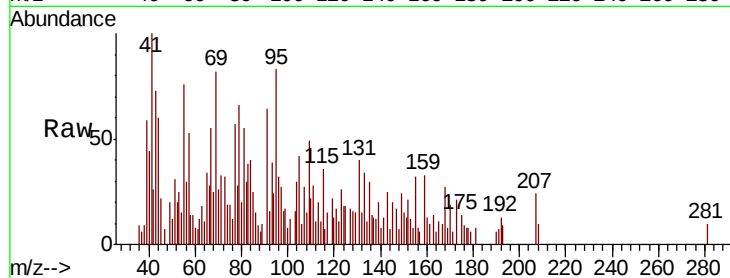
BFQW0

Tot Ion:168 Resp: 2777

Ion Ratio Lower Upper

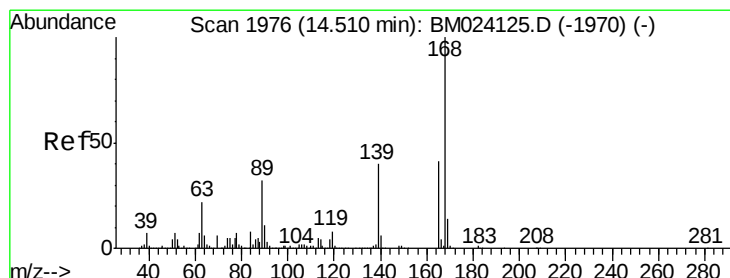
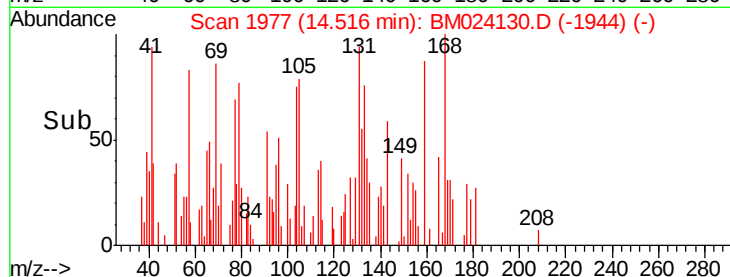
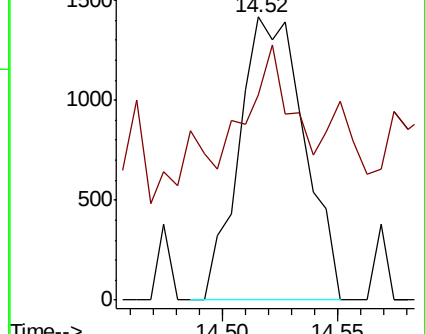
168 100

139 72.5 30.4 45.6#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 6.003 ng/ul

RT: 14.49 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BM024130.D

Acq: 17 Dec 2019 20:22

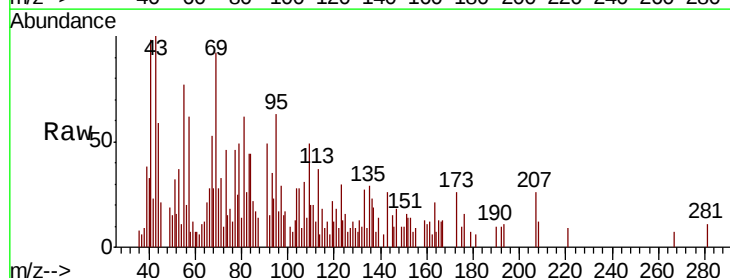
Tgt Ion:165 Resp: 589

Ion Ratio Lower Upper

165 100

63 83.8 43.6 65.4#

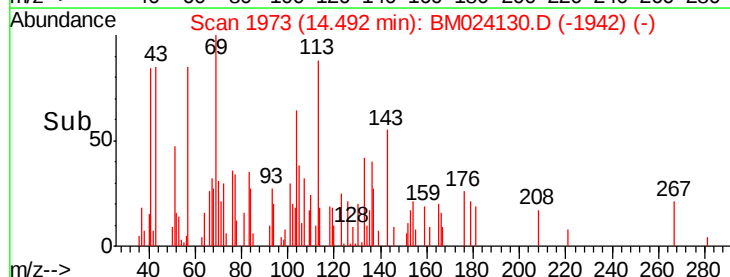
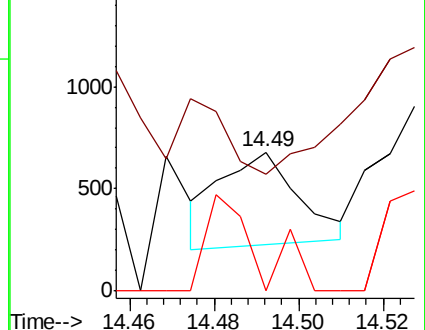
182 0.0 2.3 3.5#

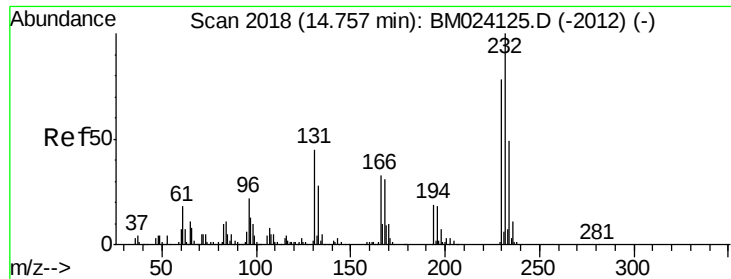


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E





#56

2,3,4,6-Tetrachlorophenol

Concen: 6.031 ng/ul

RT: 14.76 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BM024130.D

Acq: 17 Dec 2019 20:22

Instrument :

BNA_M

ClientSampleId :

BFQW0

Tot Ion:232 Resp: 451

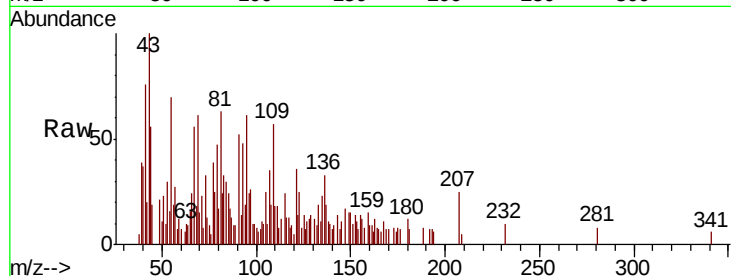
Ion Ratio Lower Upper

232 100

131 117.6 36.4 54.6#

130 0.0 1.9 2.9#

166 55.5 25.6 38.4#



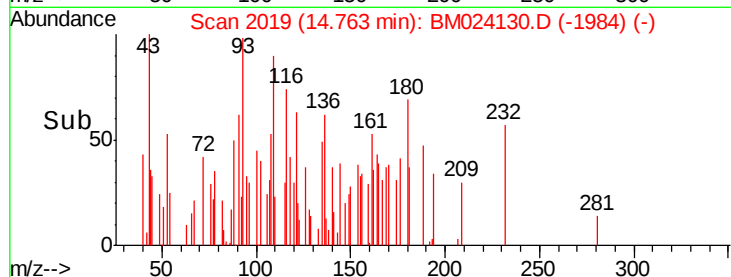
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

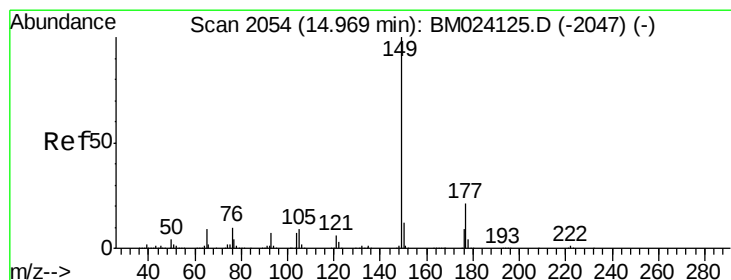
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time--> 14.74 14.76 14.78



Time--> 14.74 14.76 14.78



#57

Diethylphthalate

Concen: 105.192 ng/ul

RT: 14.96 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BM024130.D

Acq: 17 Dec 2019 20:22

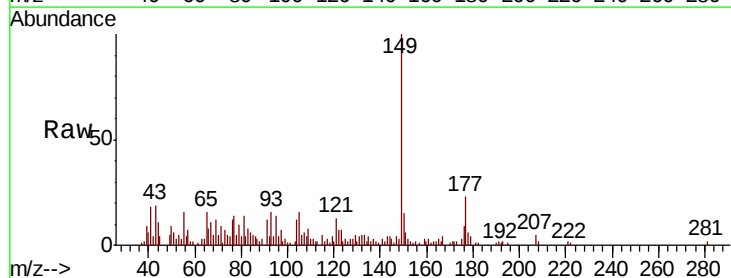
Tgt Ion:149 Resp: 35277

Ion Ratio Lower Upper

149 100

177 23.4 17.1 25.7

150 15.0 9.9 14.9#

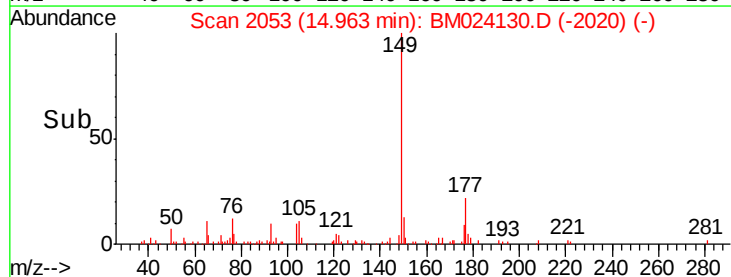


Abundance Ion 149.00 (148.70 to 149.70): E

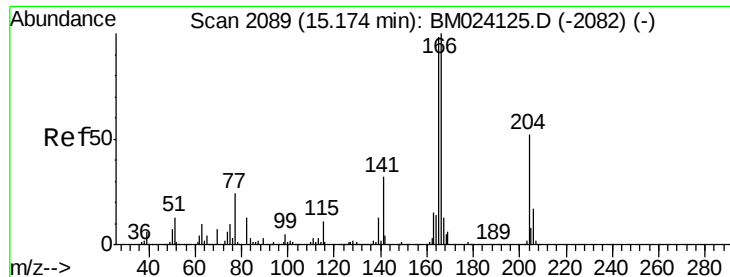
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time--> 14.95 15.00



Time--> 14.95 15.00



#59

Fluorene

Concen: 9.527 ng/ul

RT: 15.17 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BM024130.D

Acq: 17 Dec 2019 20:22

Instrument :

BNA_M

ClientSampleId :

BFQW0

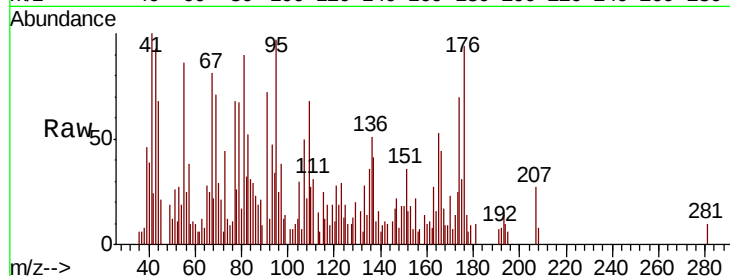
Tot Ion:166 Resp: 3105

Ion Ratio Lower Upper

166 100

165 118.8 78.3 117.5#

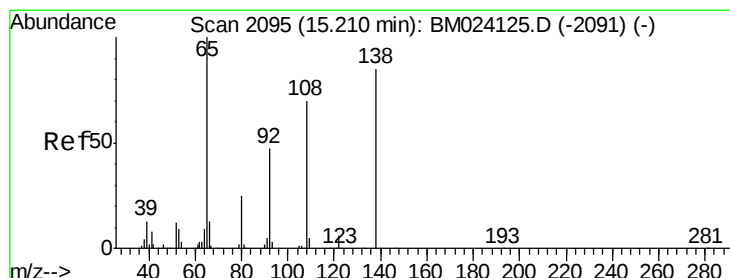
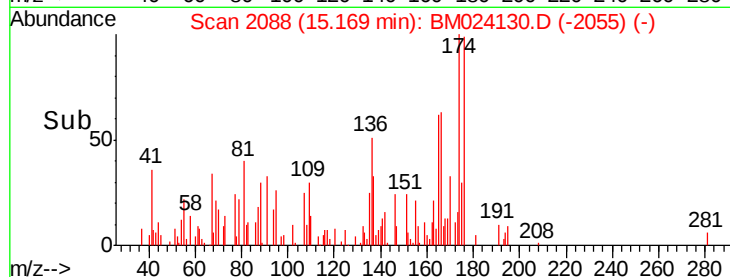
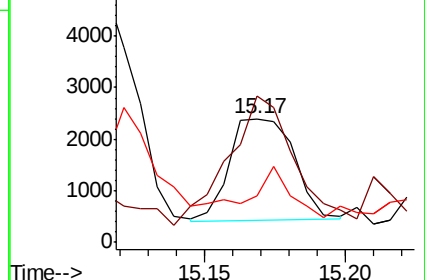
167 38.0 10.4 15.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#61

4-Nitroaniline

Concen: 6.359 ng/ul

RT: 15.18 min Scan# 2090

Delta R.T. -0.03 min

Lab File: BM024130.D

Acq: 17 Dec 2019 20:22

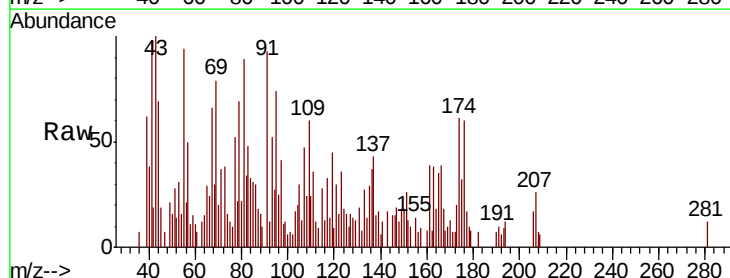
Tgt Ion:138 Resp: 433

Ion Ratio Lower Upper

138 100

92 83.5 44.5 66.7#

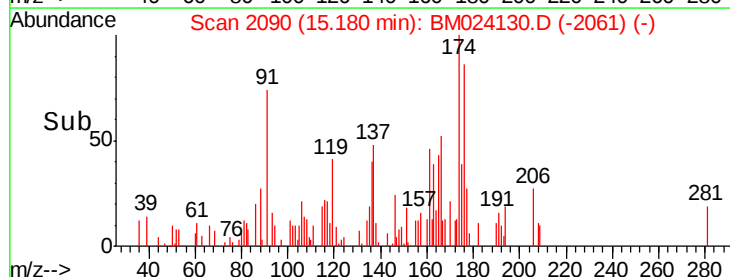
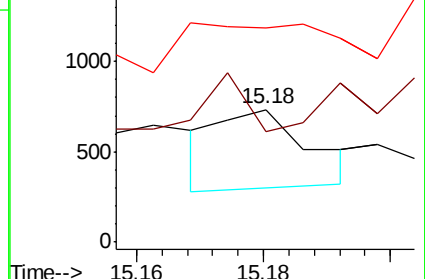
108 162.2 65.8 98.8#

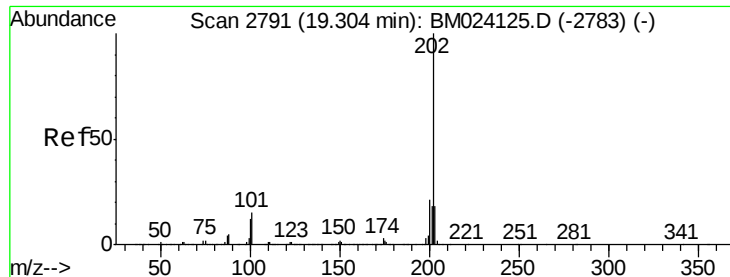


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





#80

Pvrene

Concen: 34.636 ng/ul

RT: 19.41 min Scan# 2809

Delta R.T. 0.11 min

Lab File: BM024130.D

Acq: 17 Dec 2019 20:22

Instrument :

BNA_M

ClientSampleId :

BFQW0

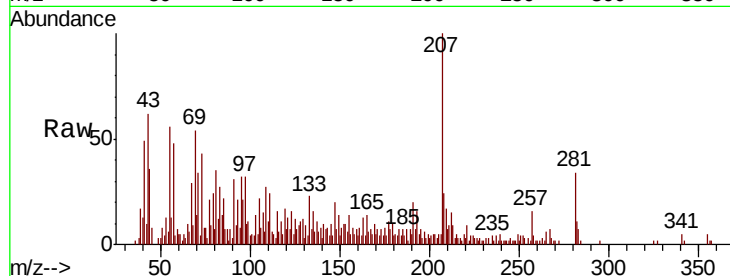
Tot Ion:202 Resp: 658

Ion Ratio Lower Upper

202 100

101 91.9 12.2 18.4#

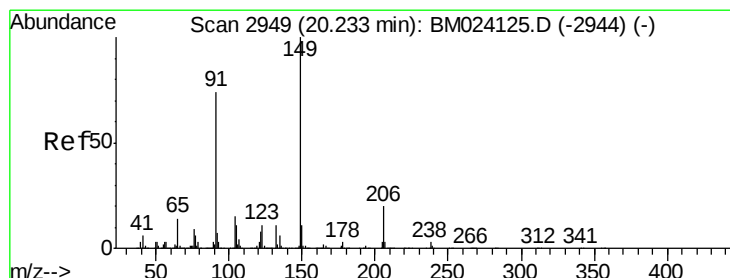
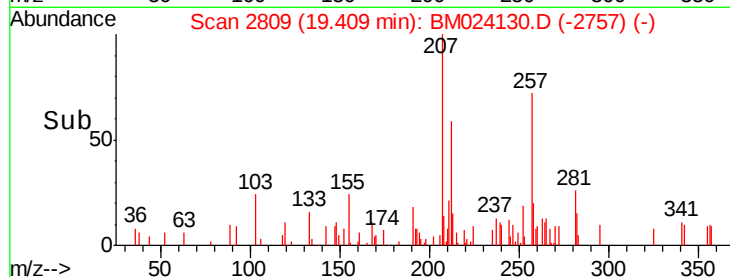
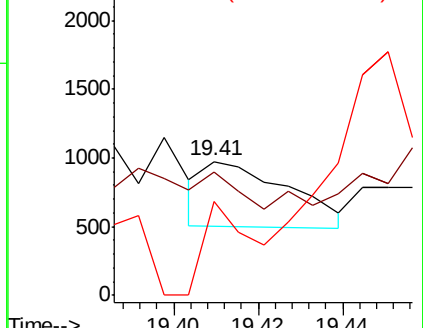
100 69.9 10.0 15.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#81

Butylbenzylphthalate

Concen: 80.835 ng/ul

RT: 20.35 min Scan# 2969

Delta R.T. 0.12 min

Lab File: BM024130.D

Acq: 17 Dec 2019 20:22

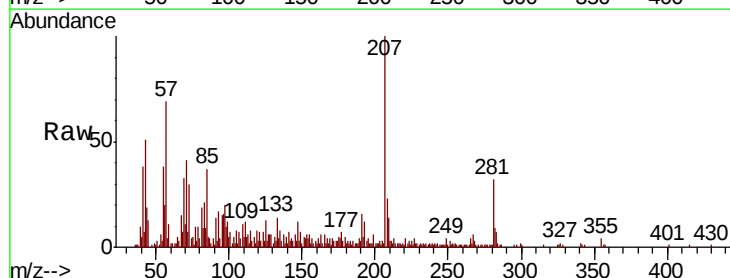
Tgt Ion:149 Resp: 605

Ion Ratio Lower Upper

149 100

91 193.3 59.8 89.8#

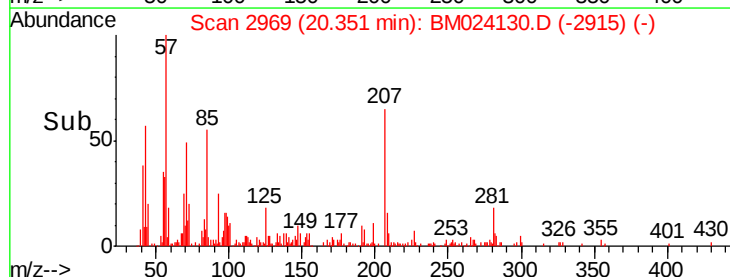
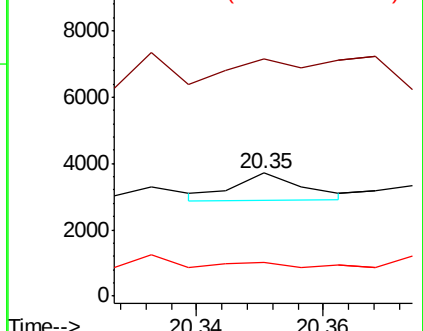
206 27.7 15.4 23.2#

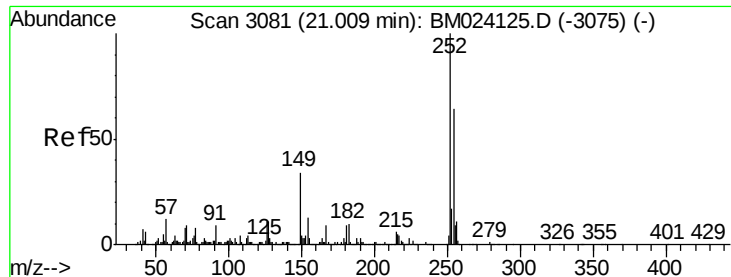


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E

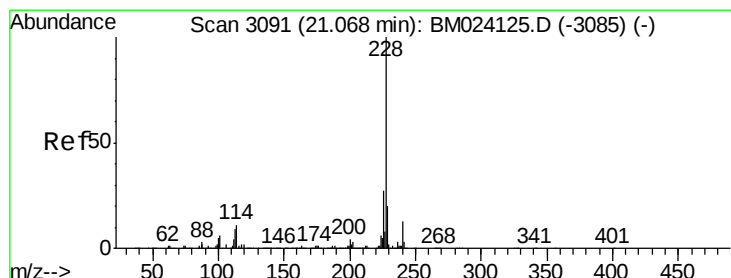
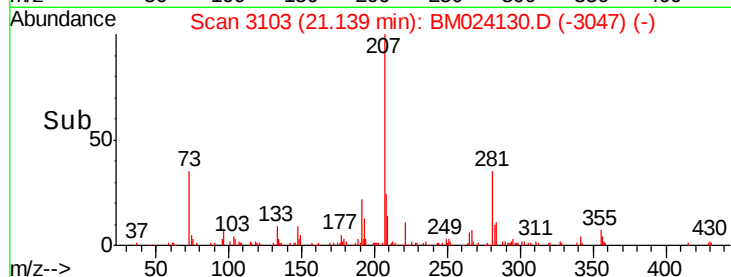
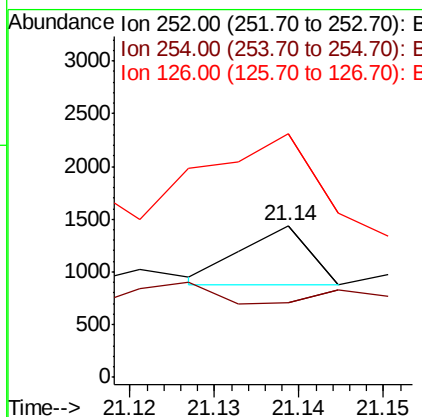
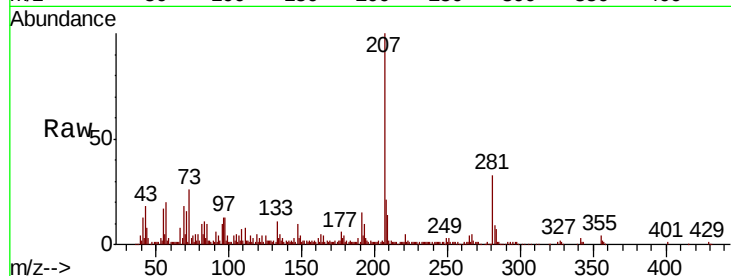




#82
 3,3'-Dichlorobenzidine
 Concen: 47.834 ng/ul
 RT: 21.14 min Scan# 3103
 Delta R.T. 0.13 min
 Lab File: BM024130.D
 Acq: 17 Dec 2019 20:22

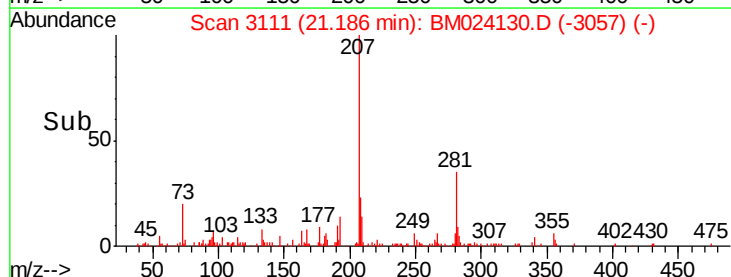
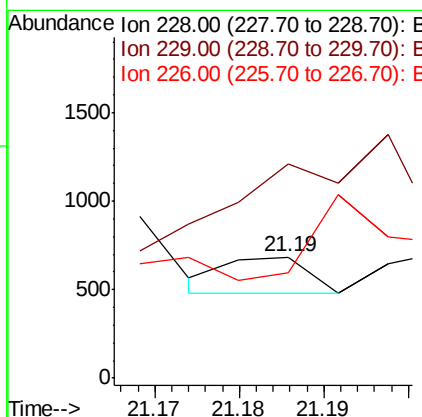
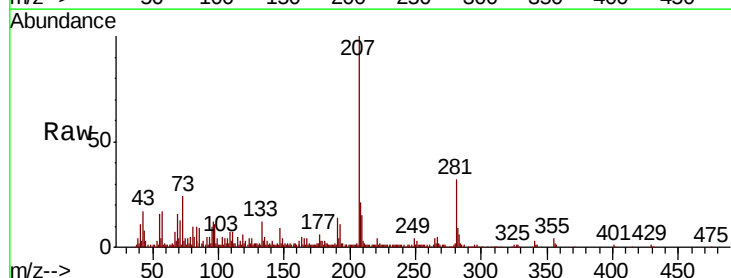
Instrument :
 BNA_M
 ClientSampleId :
 BFQW0

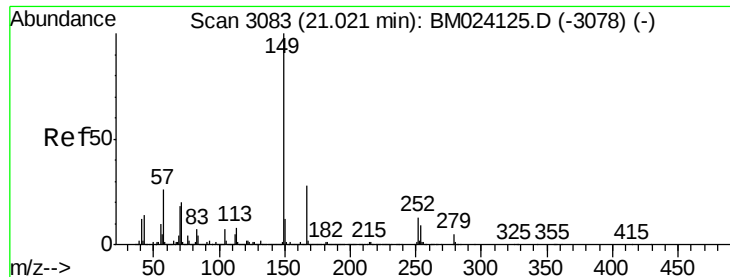
Tot Ion:252 Resp: 309
 Ion Ratio Lower Upper
 252 100
 254 49.5 52.1 78.1#
 126 160.2 8.9 13.3#



#83
 Benzo(a)anthracene
 Concen: 7.551 ng/ul
 RT: 21.19 min Scan# 3111
 Delta R.T. 0.12 min
 Lab File: BM024130.D
 Acq: 17 Dec 2019 20:22

Tgt Ion:228 Resp: 140
 Ion Ratio Lower Upper
 228 100
 229 176.5 15.8 23.8#
 226 86.7 22.2 33.2#





#84

Bis(2-ethylhexyl)phthalate

Concen: 89.659 ng/ul

RT: 21.15 min Scan# 3105

Delta R.T. 0.13 min

Lab File: BM024130.D

Acq: 17 Dec 2019 20:22

Instrument :

BNA_M

ClientSampleId :

BFQW0

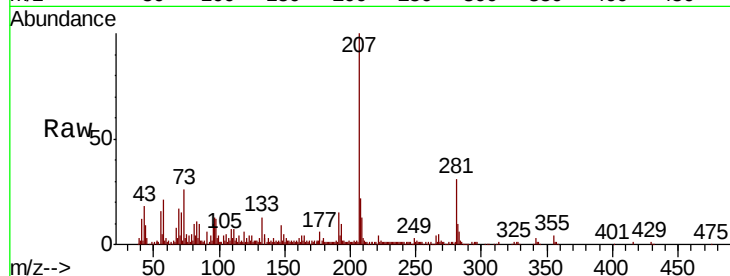
Tot Ion:149 Resp: 1000

Ion Ratio Lower Upper

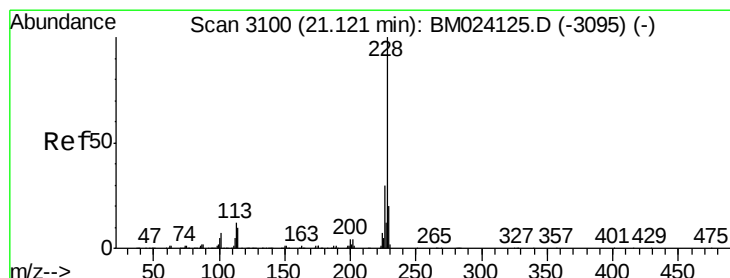
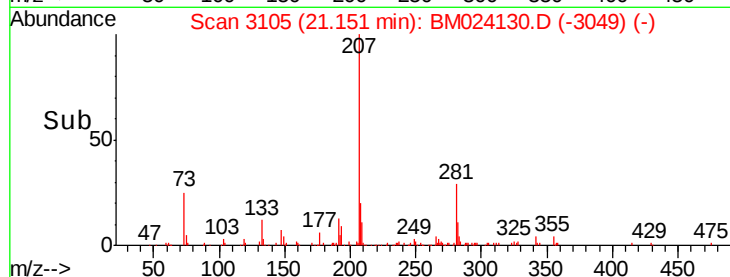
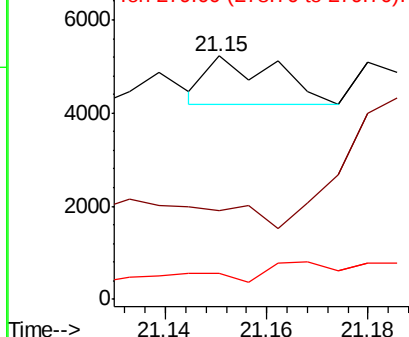
149 100

167 36.2 21.3 31.9#

279 10.6 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 7.704 ng/ul

RT: 21.25 min Scan# 3122

Delta R.T. 0.13 min

Lab File: BM024130.D

Acq: 17 Dec 2019 20:22

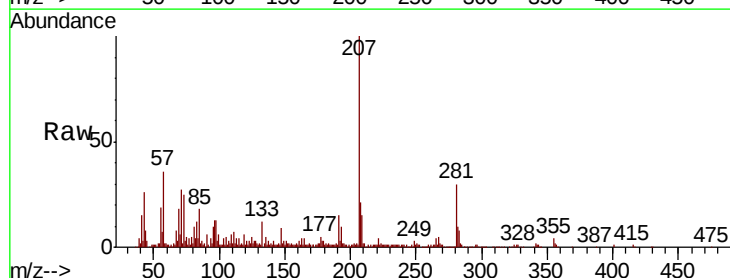
Tgt Ion:228 Resp: 140

Ion Ratio Lower Upper

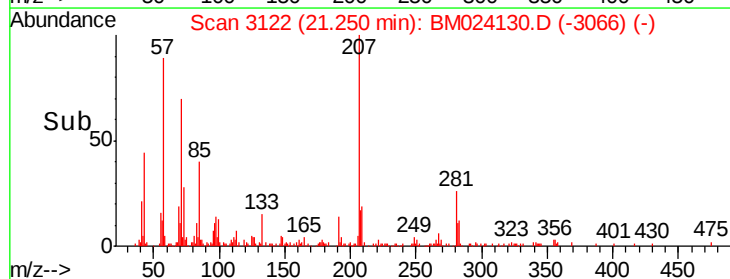
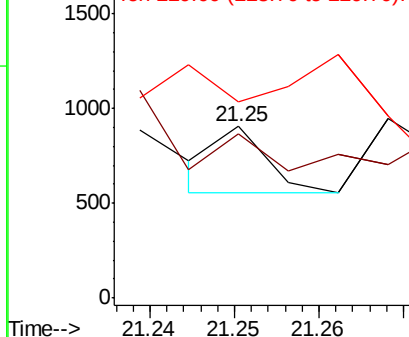
228 100

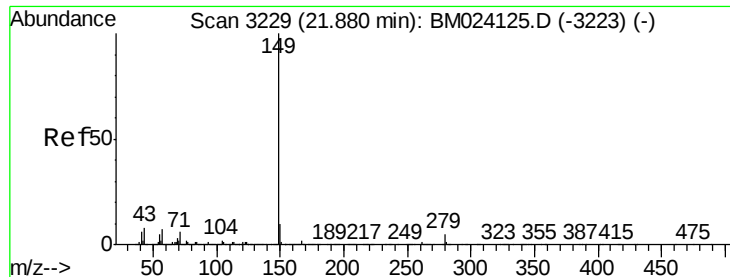
226 95.6 24.0 36.0#

229 114.1 15.4 23.2#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

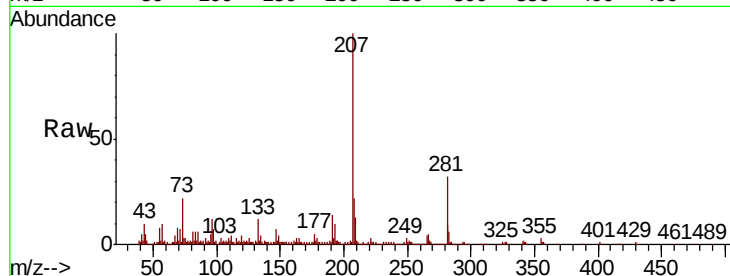




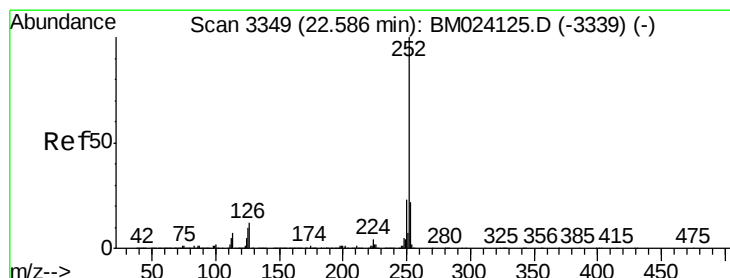
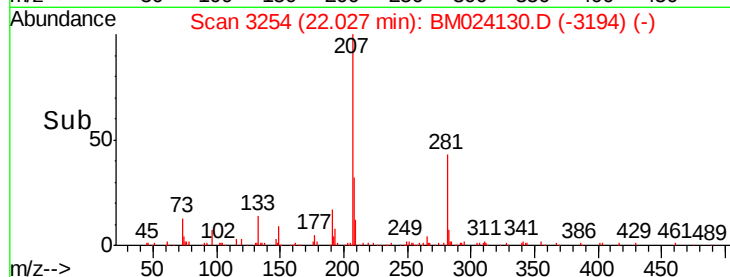
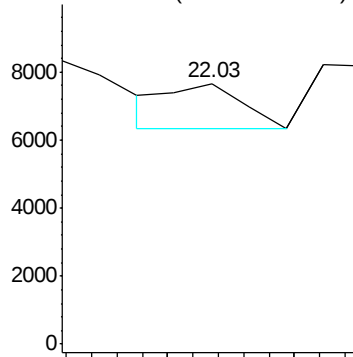
#87
Di-n-octyl phthalate
Concen: 23.596 ng/ul
RT: 22.03 min Scan# 3254
Delta R.T. 0.15 min
Lab File: BM024130.D
Acq: 17 Dec 2019 20:22

Instrument :
BNA_M
ClientSampleId :
BFQW0

Tgt Ion:149 Resp: 1076

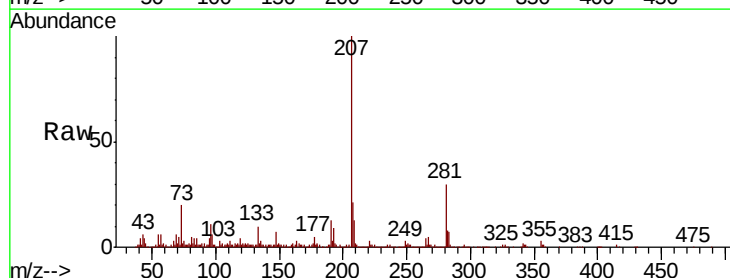


Abundance Ion 149.00 (148.70 to 149.70): E



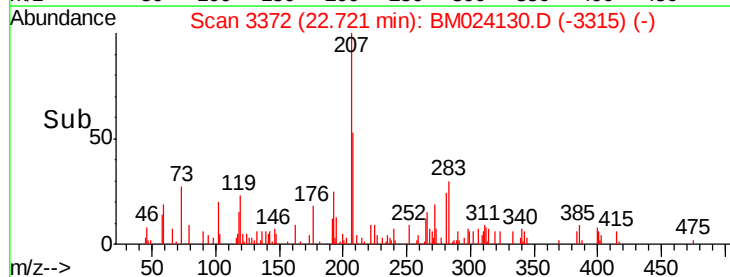
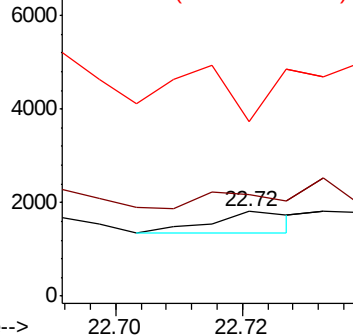
#88
Benzo(b)fluoranthene
Concen: 8.000 ng/ul
RT: 22.72 min Scan# 3372
Delta R.T. 0.14 min
Lab File: BM024130.D
Acq: 17 Dec 2019 20:22

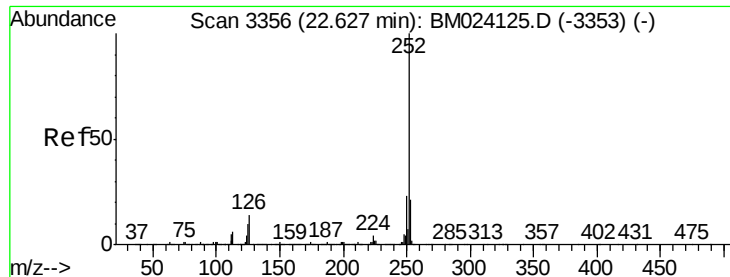
Tgt Ion:252 Resp: 404
Ion Ratio Lower Upper
252 100
253 119.5 17.2 25.8#
125 206.1 7.8 11.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 9.284 ng/ul

RT: 22.78 min Scan# 3382

Delta R.T. 0.15 min

Lab File: BM024130.D

Acq: 17 Dec 2019 20:22

Instrument :

BNA_M

ClientSampleId :

BFQW0

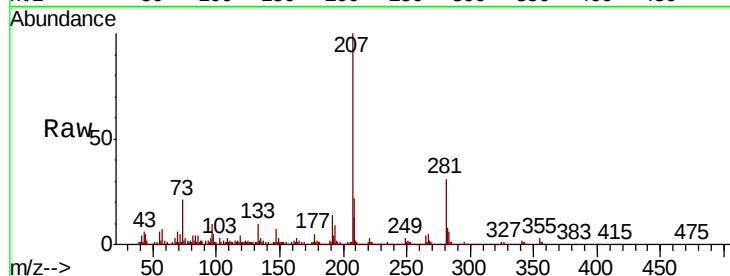
Tot Ion:252 Resp: 460

Ion Ratio Lower Upper

252 100

253 117.5 17.8 26.8#

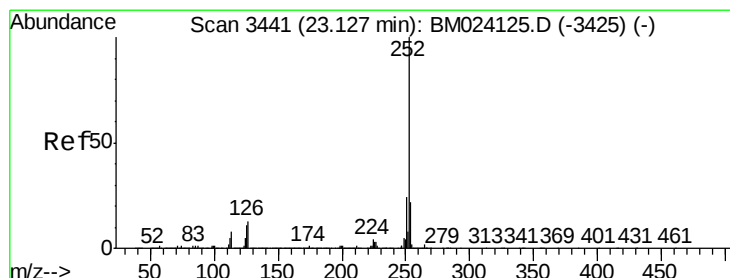
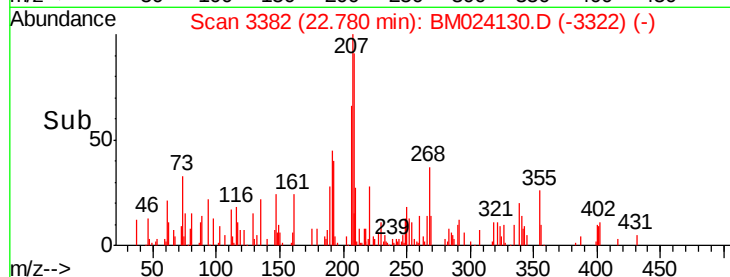
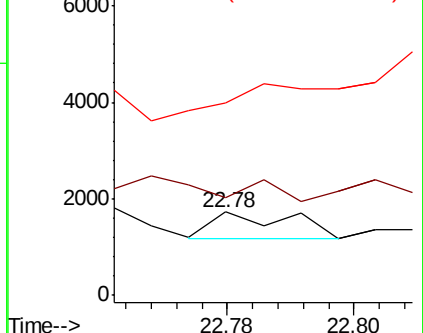
125 232.5 7.9 11.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 2.714 ng/ul

RT: 23.30 min Scan# 3470

Delta R.T. 0.17 min

Lab File: BM024130.D

Acq: 17 Dec 2019 20:22

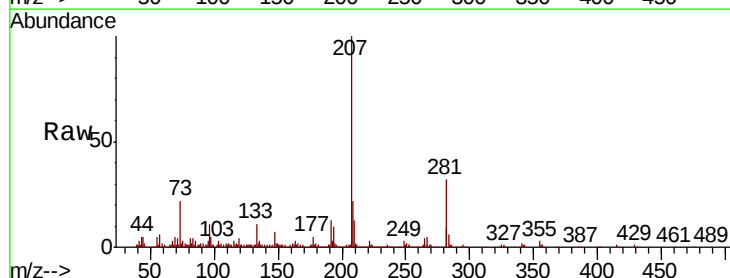
Tgt Ion:252 Resp: 124

Ion Ratio Lower Upper

252 100

253 136.7 17.5 26.3#

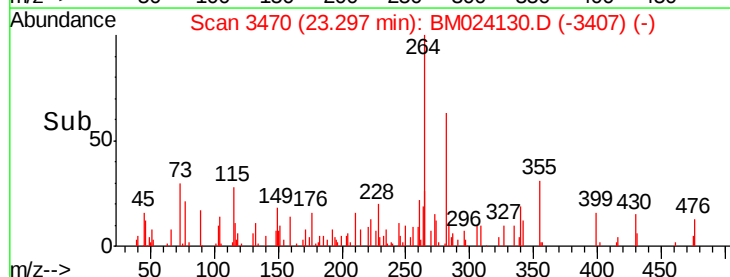
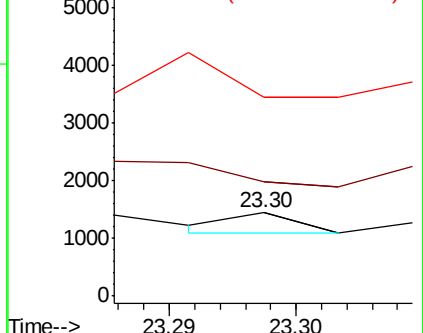
125 239.4 8.2 12.4#

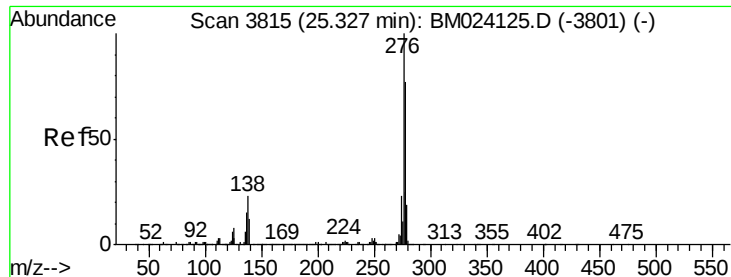


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 5.177 ng/ul

RT: 25.47 min Scan# 3839

Delta R.T. 0.14 min

Lab File: BM024130.D

Acq: 17 Dec 2019 20:22

Instrument :

BNA_M

ClientSampled :

BFQW0

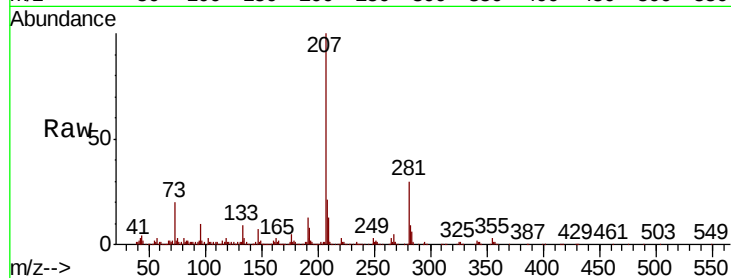
Tot Ion:276 Resp: 284

Ion Ratio Lower Upper

276 100

138 170.0 18.3 27.5#

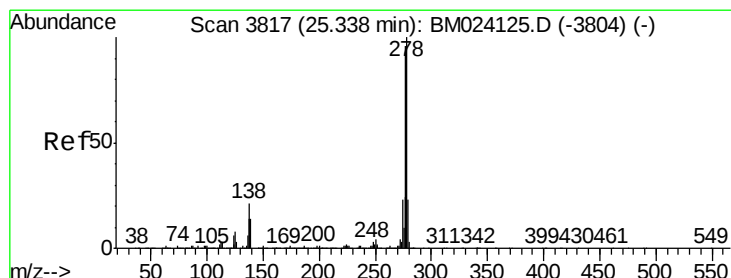
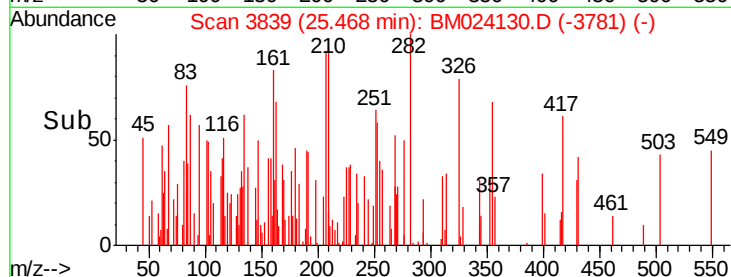
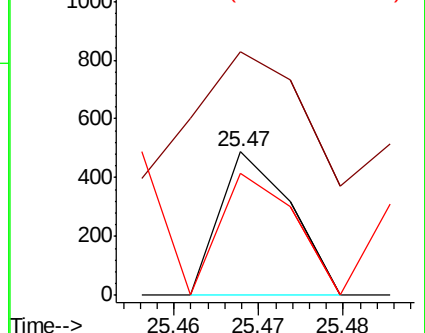
277 84.8 20.2 30.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene

Concen: 5.979 ng/ul

RT: 25.53 min Scan# 3850

Delta R.T. 0.20 min

Lab File: BM024130.D

Acq: 17 Dec 2019 20:22

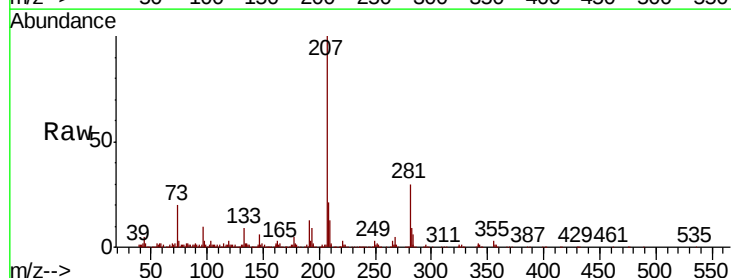
Tgt Ion:278 Resp: 275

Ion Ratio Lower Upper

278 100

139 150.2 11.5 17.3#

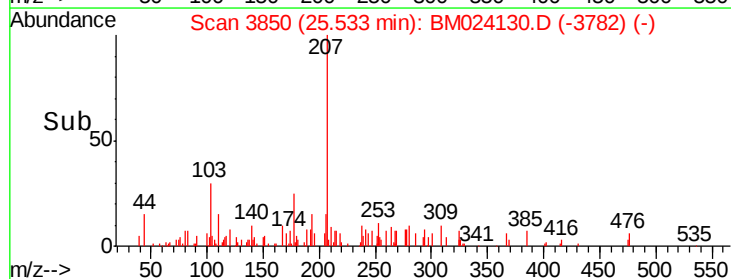
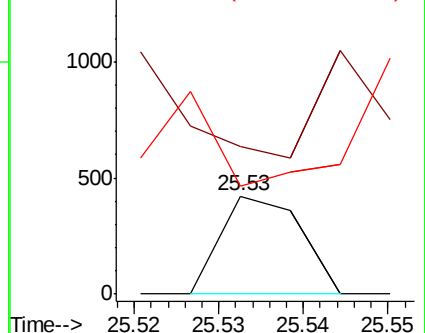
279 110.4 18.9 28.3#

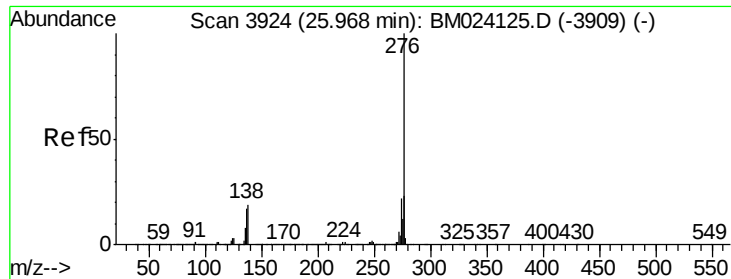


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 2.769 ng/ul

RT: 26.13 min Scan# 3951

Delta R.T. 0.16 min

Lab File: BM024130.D

Acq: 17 Dec 2019 20:22

Instrument :

BNA_M

ClientSampleId :

BFQW0

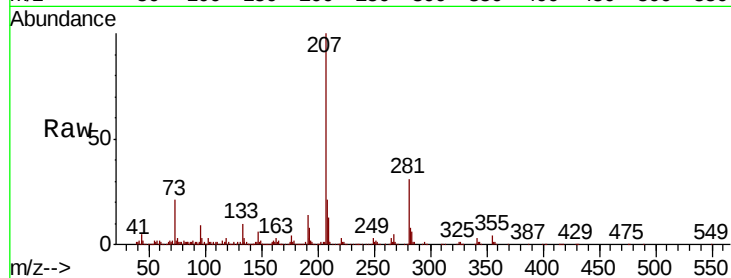
Tot Ion: 276 Resp: 124

Ion Ratio Lower Upper

276 100

138 224.7 15.3 22.9#

277 0.0 19.3 28.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

