

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111119\
 Data File : BM023638.D
 Acq On : 11 Nov 2019 16:05
 Operator : JU
 Sample : K5535-01RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEK25

Quant Time: Nov 11 16:45:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 11 16:39:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	362027	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	1599847	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1141254	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	2665637	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	2818139	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	3070023	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	22665	2.58	ng/uL	0.00
5) Phenol-d5	6.73	99	440996	13.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	285558	15.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	341863	14.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	361611	13.74	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	163495	14.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	173155	14.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	372942	13.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	460676	15.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	1432180	16.09	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	1541258	15.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	155450	10.23	ng/ul	0.00
58) Fluorene-d10	15.20	176	1264261	16.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	120754	7.83	ng/ul	0.00
71) Anthracene-d10	17.05	188	2090053	16.53	ng/ul	0.00
79) Pyrene-d10	19.35	212	2707427	18.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	3014051	18.66	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.10	88	94	0.010	ng/uL#	42
4) Benzaldehyde	6.69	77	686	0.035	ng/ul#	49
6) Phenol	6.76	94	33873	0.996	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.08	93	331	0.013	ng/ul#	1
14) Acetophenone	8.37	105	14425	0.351	ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.36	70	122	0.006	ng/ul#	24
17) Hexachloroethane	8.66	117	1981	0.203	ng/ul#	2
20) Nitrobenzene	8.75	77	75	0.002	ng/ul#	42
21) Isophorone	9.26	82	1611	0.027	ng/ul#	1
28) Naphthalene	10.37	128	6441	0.077	ng/ul#	92
30) 4-Chloroaniline	10.37	127	760	0.025	ng/ul#	1
32) Caprolactam	11.38	113	2226	0.260	ng/ul#	66
34) 2-Methylnaphthalene	12.00	142	26771	0.416	ng/ul	96
35) 1-Methylnaphthalene	12.22	142	20799	0.328	ng/ul	92
41) 1,1'-Biphenyl	13.03	154	23779	0.270	ng/ul	96
43) 2-Nitroaniline	13.29	65	228	0.014	ng/ul#	4
45) Dimethylphthalate	13.67	163	490219	5.621	ng/ul	100
46) 2,6-Dinitrotoluene	13.67	165	4896	0.308	ng/ul#	52
48) Acenaphthylene	13.90	152	615	0.006	ng/ul#	1
50) Acenaphthene	14.26	153	273	0.004	ng/ul#	8
53) 4-Nitrophenol	14.44	109	283	0.023	ng/ul#	70
54) Dibenzofuran	14.60	168	3396	0.032	ng/ul#	79
55) 2,4-Dinitrotoluene	14.58	165	1645	0.068	ng/ul#	69

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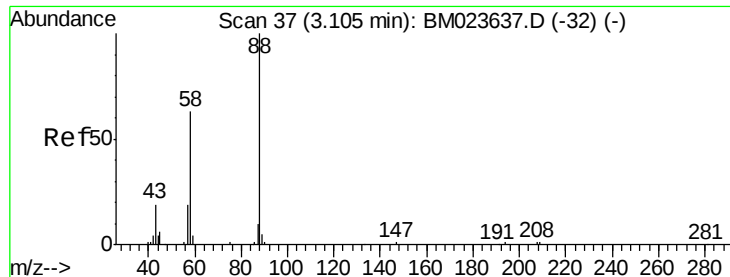
Quant Time: Nov 11 16:45:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

57) Diethylphthalate	15.04	149	2120	0.025	ng/ul#	94
59) Fluorene	15.26	166	7778	0.089	ng/ul#	77
61) 4-Nitroaniline	15.32	138	981	0.053	ng/ul#	1
64) 4,6-Dinitro-2-methylphenol	15.33	198	389	0.023	ng/ul#	1
65) N-Nitrosodiphenylamine	15.48	169	3409	0.044	ng/ul#	49
70) Phenanthrene	16.99	178	46137	0.314	ng/ul	95
72) Anthracene	16.99	178	47049	0.319	ng/ul	95
75) Carbazole	17.36	167	1878	0.015	ng/ul#	20
76) Di-n-butylphthalate	17.94	149	6348	0.047	ng/ul#	96
77) Fluoranthene	19.02	202	6813	0.043	ng/ul#	88
80) Pyrene	19.38	202	7651	0.042	ng/ul#	85
81) Butylbenzylphthalate	20.30	149	770	0.013	ng/ul#	78
82) 3,3'-Dichlorobenzidine	21.08	252	508	0.009	ng/ul#	59
83) Benzo(a)anthracene	21.16	228	40991	0.221	ng/ul#	87
84) Bis(2-ethylhexyl)phthalate	21.09	149	4814	0.055	ng/ul#	77
85) Chrysene	21.16	228	41331	0.236	ng/ul#	87
87) Di-n-octyl phthalate	21.96	149	909	0.006	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	6910	0.035	ng/ul#	31
89) Benzo(k)fluoranthene	22.71	252	1813	0.010	ng/ul#	1
91) Benzo(a)pyrene	23.21	252	2220	0.012	ng/ul#	1
92) Indeno(1,2,3-cd)pyrene	25.47	276	2268	0.012	ng/ul#	64
93) Dibenzo(a,h)anthracene	25.47	278	518	0.003	ng/ul#	1
94) Benzo(g,h,i)perylene	26.11	276	2631	0.017	ng/ul#	68

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

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ALS Vial  : 11      Sample Multiplier: 1
```



#2

1,4-Dioxane

Concen: 0.010 ng/uL

RT: 3.10 min Scan# 37

Delta R.T. 0.00 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

Instrument :

BNA_M

ClientSampleId :

BEK25

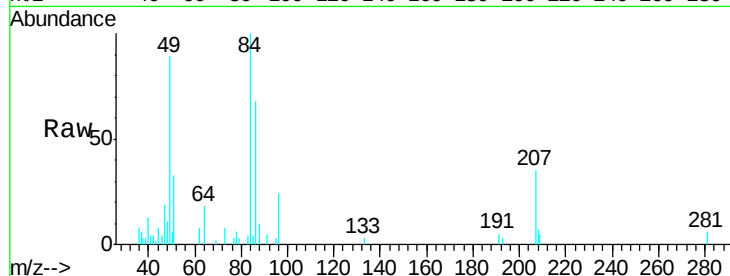
Tgt Ion: 88 Resp: 94

Ion Ratio Lower Upper

88 100

43 24.3 18.9 28.3

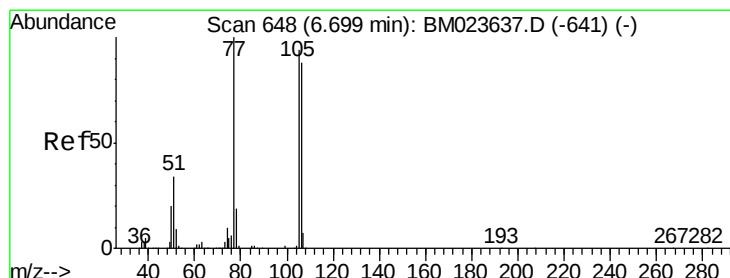
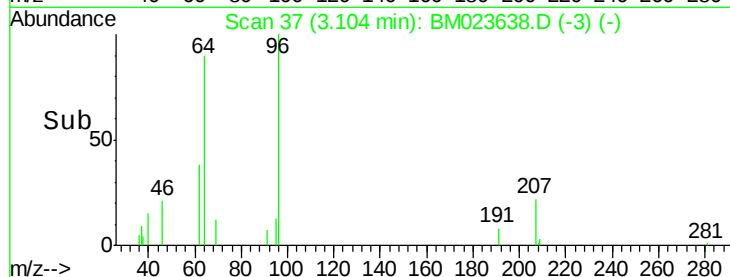
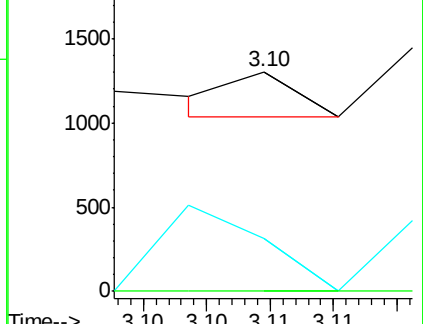
58 0.0 49.1 73.7#



Abundance Ion 88.00 (87.70 to 88.70): BM023637.D (-32) (-)

Ion 43.00 (42.70 to 43.70): BM023637.D (-32) (-)

Ion 58.00 (57.70 to 58.70): BM023637.D (-32) (-)



#4

Benzaldehyde

Concen: 0.035 ng/uL

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

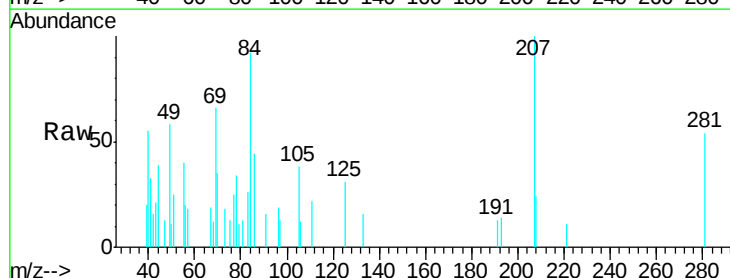
Tgt Ion: 77 Resp: 686

Ion Ratio Lower Upper

77 100

105 151.9 75.9 113.9#

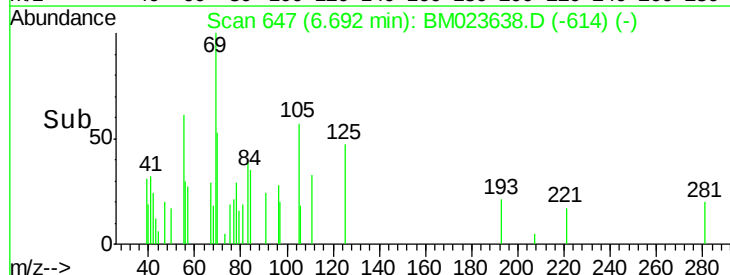
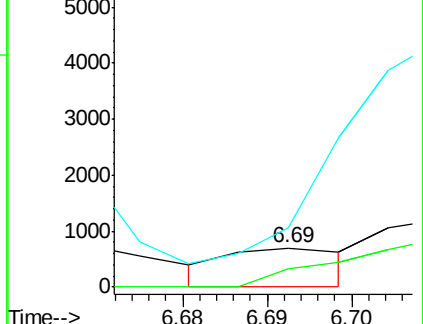
106 48.4 70.2 105.4#

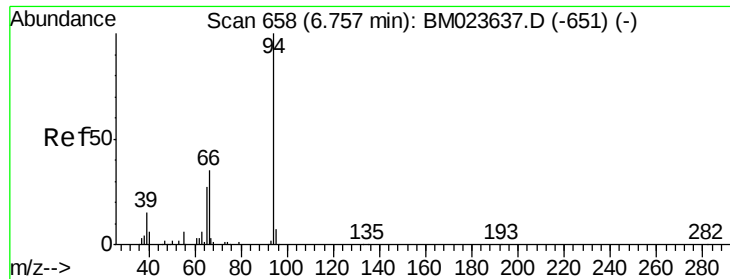


Abundance Ion 77.00 (76.70 to 77.70): BM023637.D (-641) (-)

Ion 105.00 (104.70 to 105.70): BM023637.D (-641) (-)

Ion 106.00 (105.70 to 106.70): BM023637.D (-641) (-)





#6

Phenol

Concen: 0.996 ng/ul

RT: 6.76 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

Instrument :

BNA_M

ClientSampleId :

BEK25

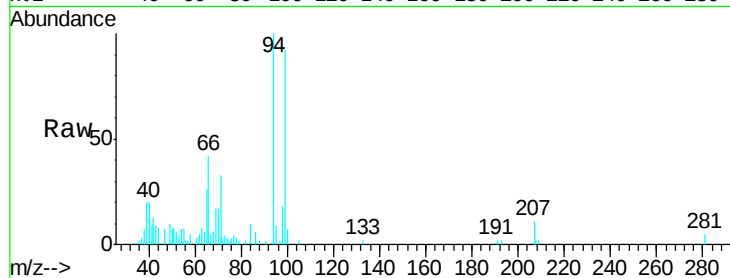
Tgt Ion: 94 Resp: 33873

Ion Ratio Lower Upper

94 100

65 26.5 21.4 32.2

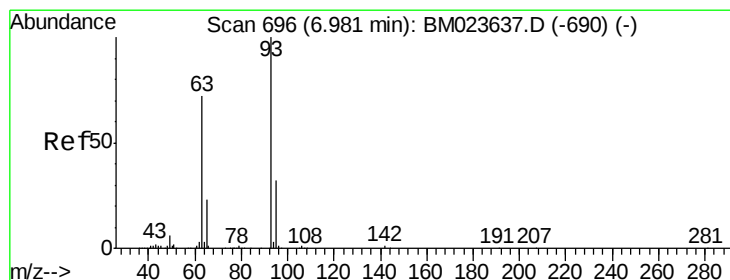
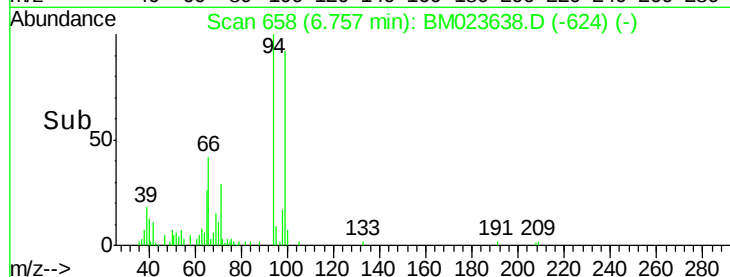
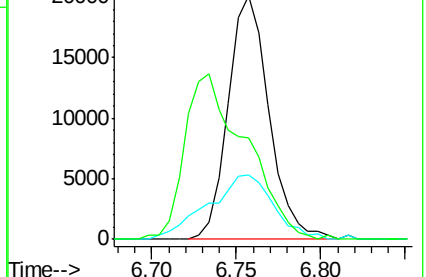
66 41.9 30.7 46.1



Abundance Ion 94.00 (93.70 to 94.70): BM023637.D (-651) (-)

Ion 65.00 (64.70 to 65.70): BM023637.D (-651) (-)

Ion 66.00 (65.70 to 66.70): BM023637.D (-651) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 0.013 ng/ul

RT: 7.08 min Scan# 713

Delta R.T. 0.09 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

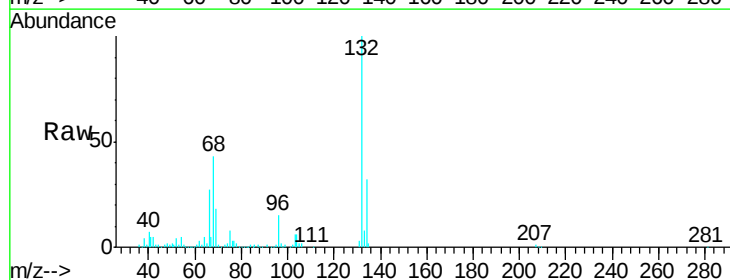
Tgt Ion: 93 Resp: 331

Ion Ratio Lower Upper

93 100

63 411.7 55.4 83.0#

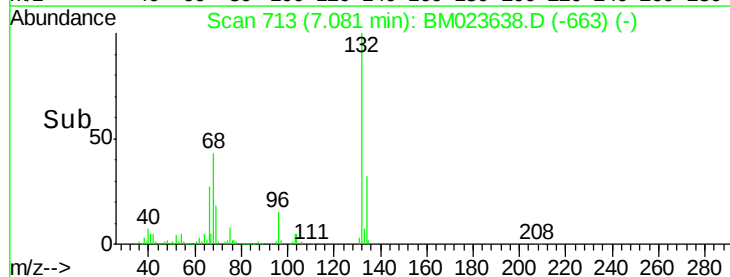
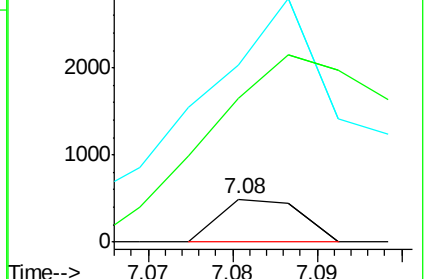
95 334.3 26.2 39.4#

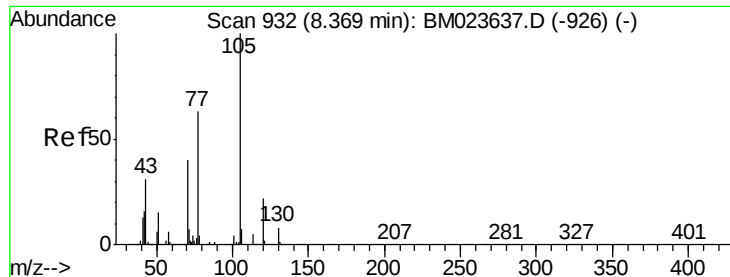


Abundance Ion 93.00 (92.70 to 93.70): BM023637.D (-690) (-)

Ion 63.00 (62.70 to 63.70): BM023637.D (-690) (-)

Ion 95.00 (94.70 to 95.70): BM023637.D (-690) (-)





#14

Acetophenone

Concen: 0.351 ng/ul

RT: 8.37 min Scan# 932

Delta R.T. -0.00 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

Instrument :

BNA_M

ClientSampleId :

BEK25

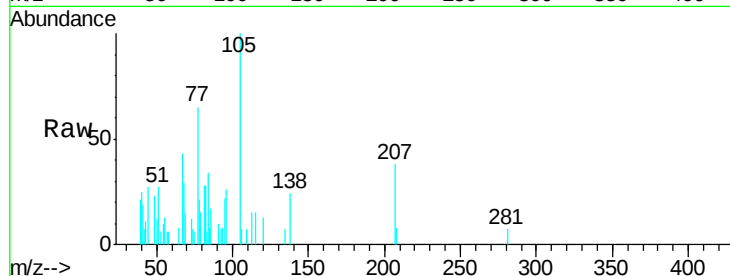
Tgt Ion: 105 Resp: 14425

Ion Ratio Lower Upper

105 100

77 64.8 63.8 95.6

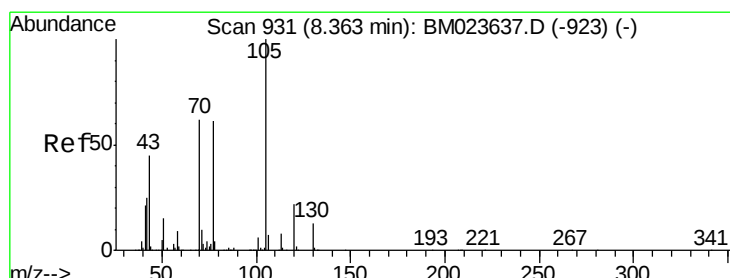
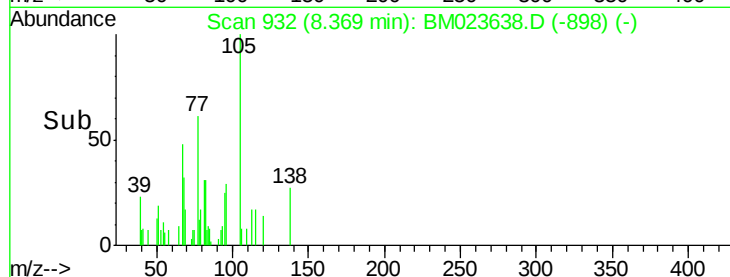
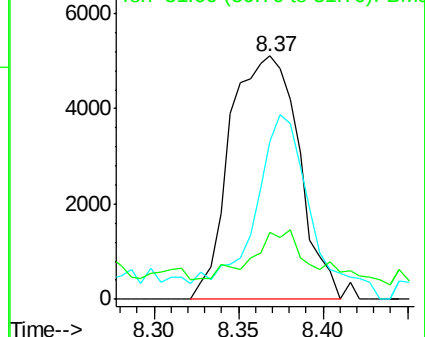
51 27.3 16.3 24.5#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#15

N-Nitroso-di-n-propylamine

Concen: 0.006 ng/ul

RT: 8.36 min Scan# 930

Delta R.T. -0.01 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

Tgt Ion: 70 Resp: 122

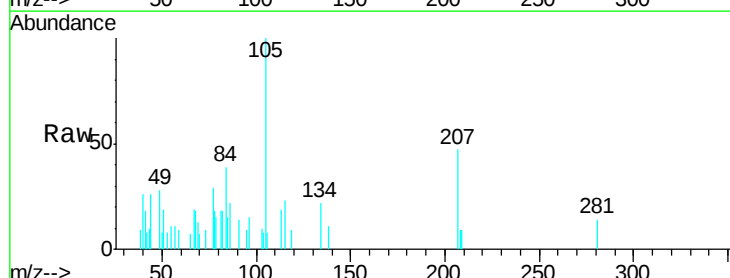
Ion Ratio Lower Upper

70 100

42 104.6 32.1 48.1#

101 0.0 7.4 11.2#

130 0.0 15.8 23.6#

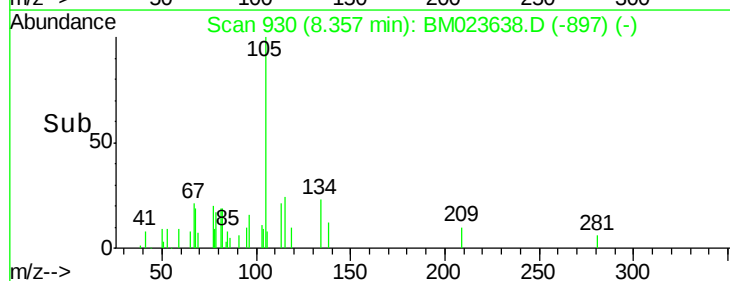
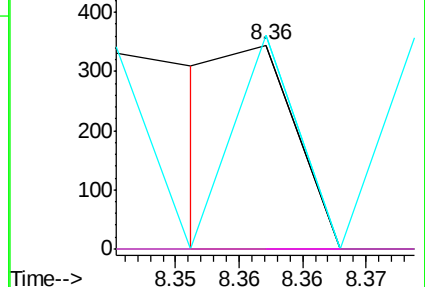


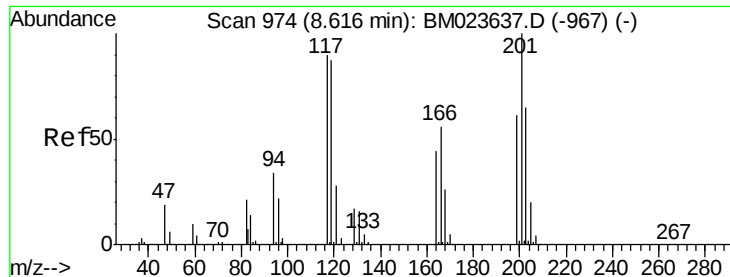
Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#17

Hexachloroethane

Concen: 0.203 ng/ul

RT: 8.66 min Scan# 981

Delta R.T. 0.04 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

Instrument :

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BEK25

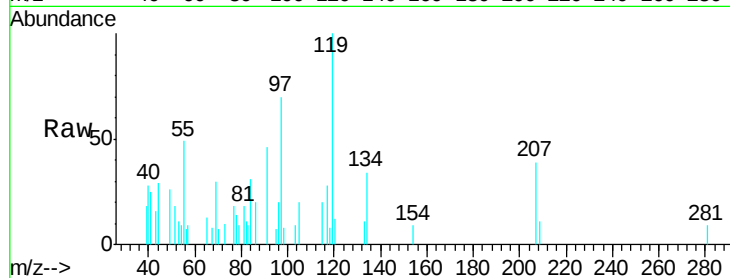
Tgt Ion: 117 Resp: 1981

Ion Ratio Lower Upper

117 100

201 0.0 90.0 135.0#

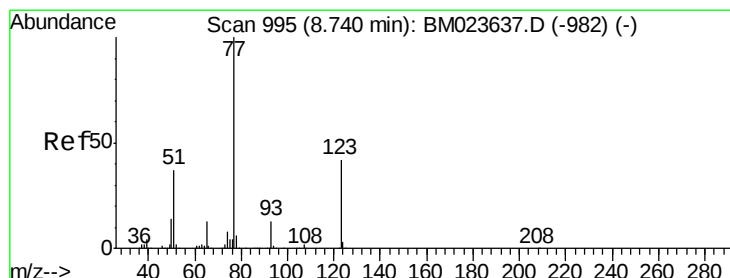
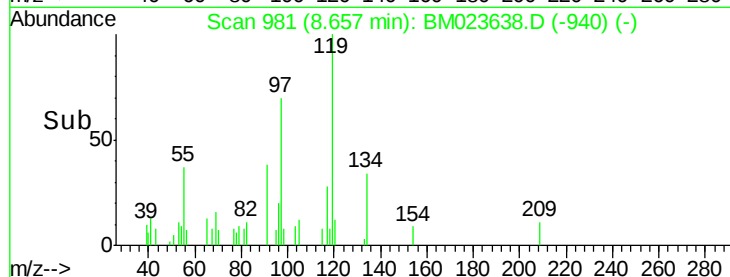
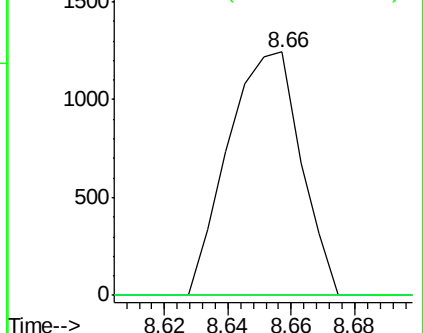
199 0.0 57.0 85.4#



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



#20

Nitrobenzene

Concen: 0.002 ng/ul

RT: 8.75 min Scan# 996

Delta R.T. 0.01 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

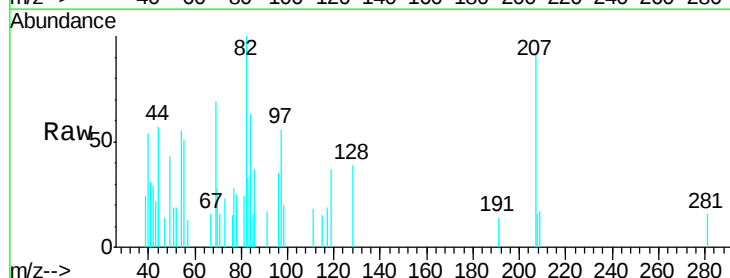
Tgt Ion: 77 Resp: 75

Ion Ratio Lower Upper

77 100

123 0.0 33.1 49.7#

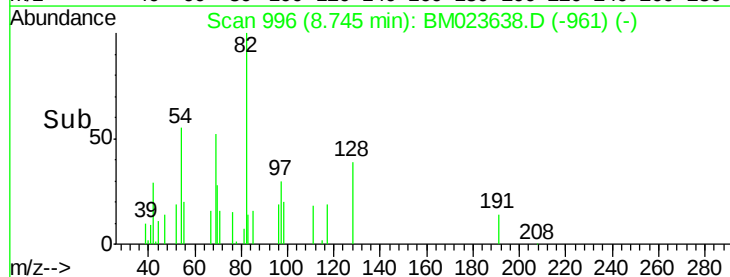
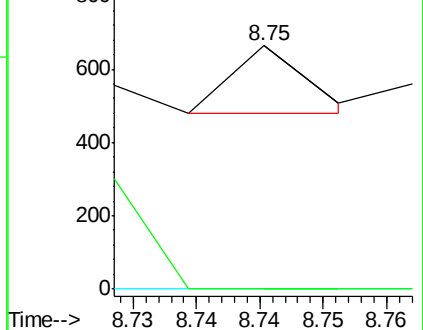
65 0.0 9.8 14.8#

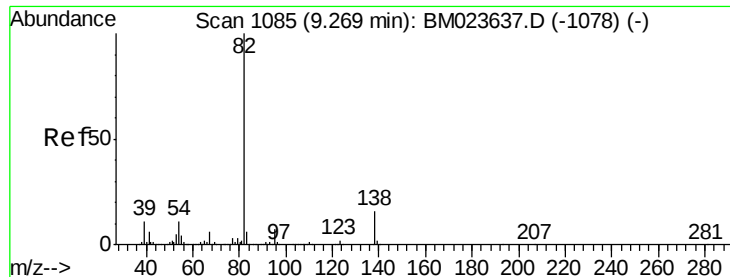


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 0.027 ng/ul

RT: 9.26 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

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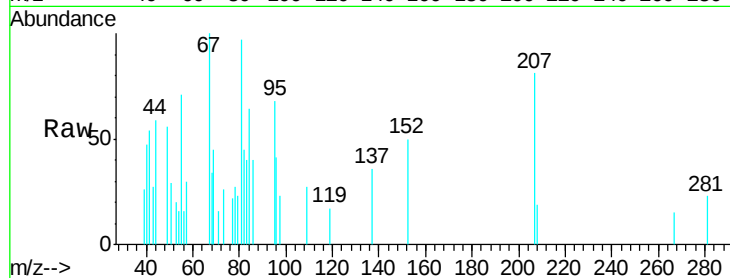
Tgt Ion: 82 Resp: 1611

Ion Ratio Lower Upper

82 100

95 149.8 5.8 8.8#

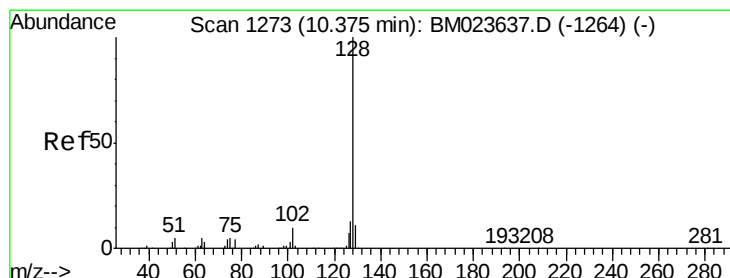
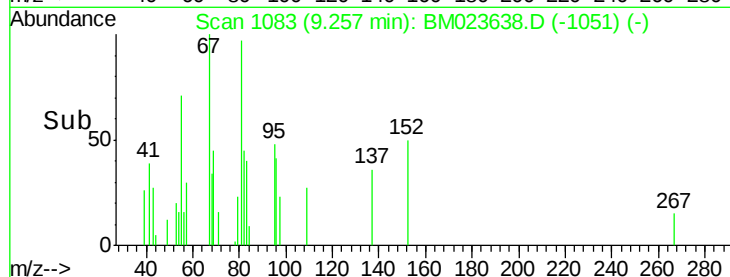
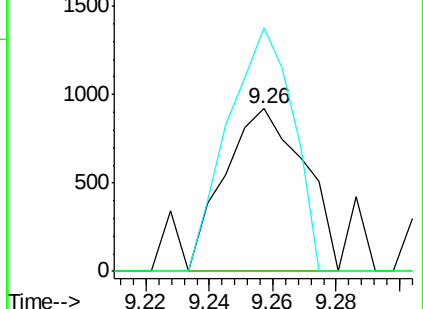
138 0.0 13.4 20.2#



Abundance Ion 82.00 (81.70 to 82.70): BM023638.D (-1051) (-)

Ion 95.00 (94.70 to 95.70): BM023638.D (-1051) (-)

Ion 138.00 (137.70 to 138.70): BM023638.D (-1051) (-)



#28

Naphthalene

Concen: 0.077 ng/ul

RT: 10.37 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

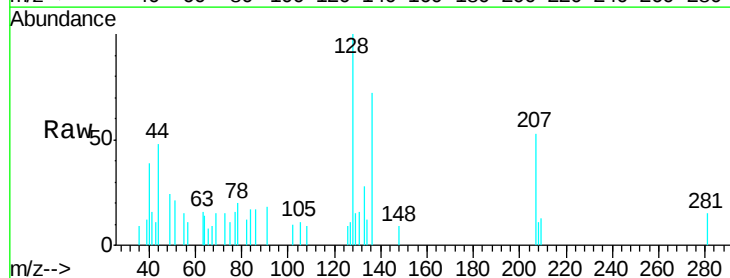
Tgt Ion: 128 Resp: 6441

Ion Ratio Lower Upper

128 100

129 15.2 8.7 13.1#

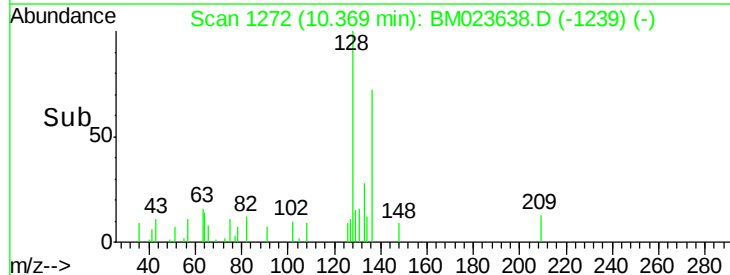
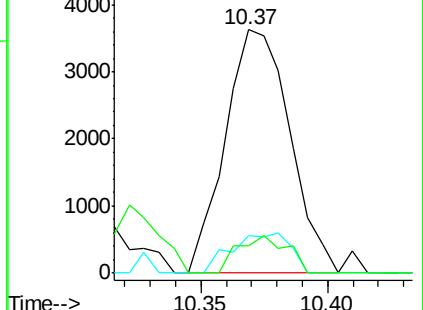
127 11.1 10.6 16.0

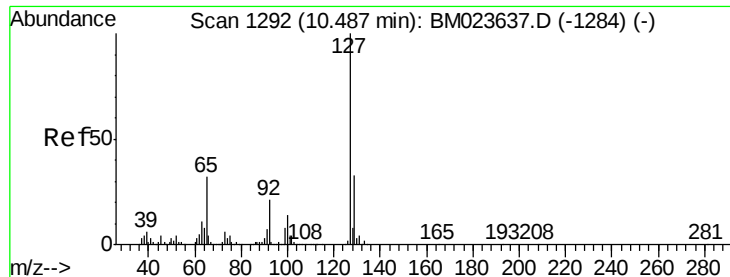


Abundance Ion 128.00 (127.70 to 128.70): BM023638.D (-1239) (-)

Ion 129.00 (128.70 to 129.70): BM023638.D (-1239) (-)

Ion 127.00 (126.70 to 127.70): BM023638.D (-1239) (-)

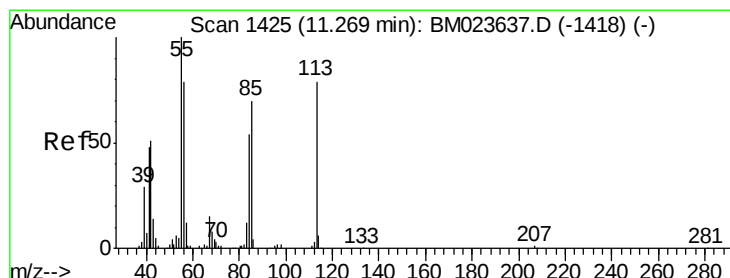
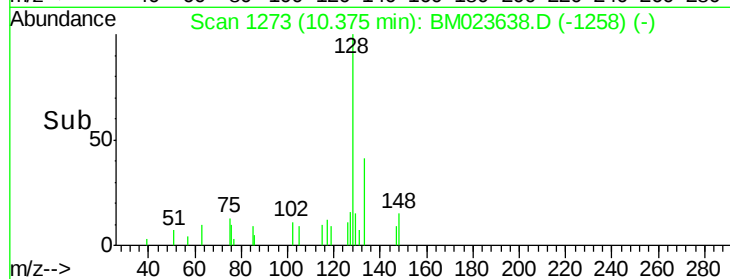
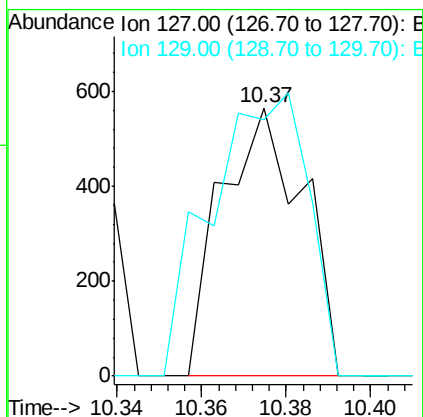
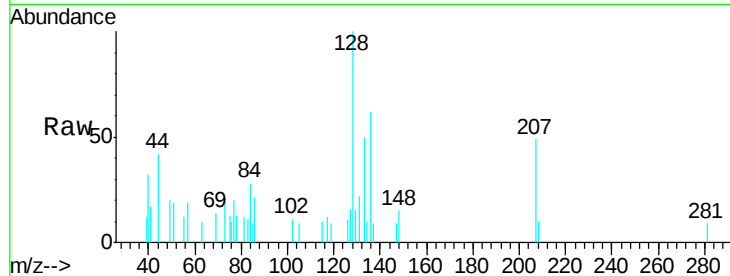




#30
4-Chloroaniline
Concen: 0.025 ng/ul
RT: 10.37 min Scan# 1273
Delta R.T. -0.11 min
Lab File: BM023638.D
Acq: 11 Nov 2019 16:05

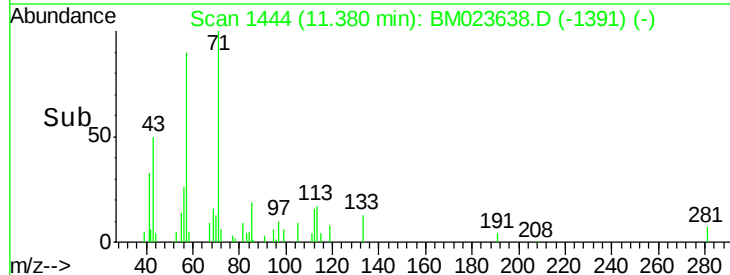
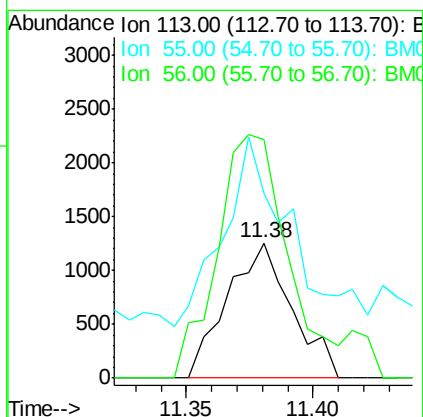
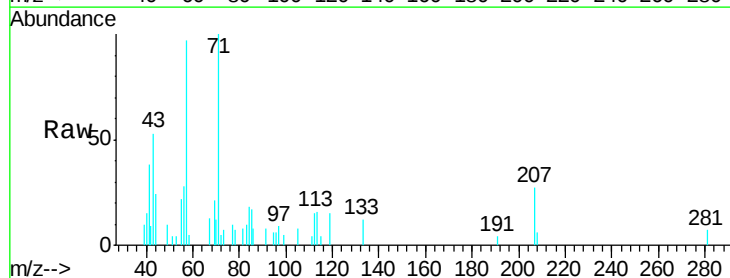
Instrument :
BNA_M
ClientSampleId :
BEK25

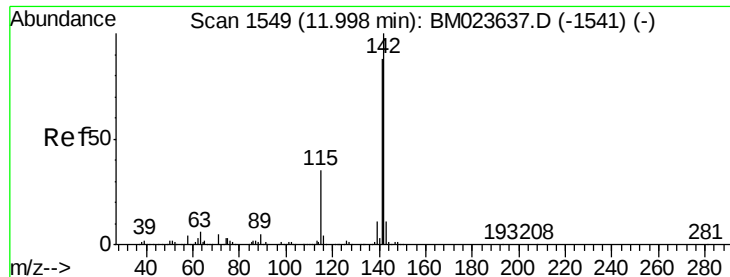
Tgt Ion:127 Resp: 760
Ion Ratio Lower Upper
127 100
129 95.9 26.1 39.1#



#32
Caprolactam
Concen: 0.260 ng/ul
RT: 11.38 min Scan# 1444
Delta R.T. 0.11 min
Lab File: BM023638.D
Acq: 11 Nov 2019 16:05

Tgt Ion:113 Resp: 2226
Ion Ratio Lower Upper
113 100
55 136.7 105.8 158.6
56 176.7 83.0 124.6#

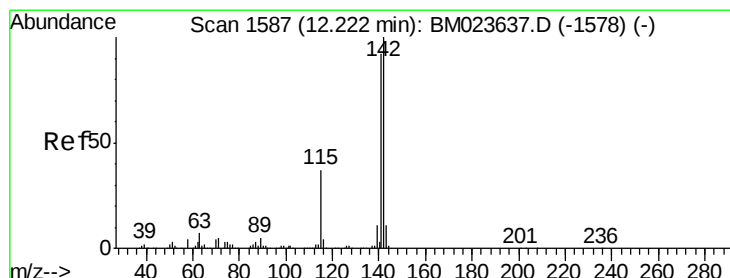
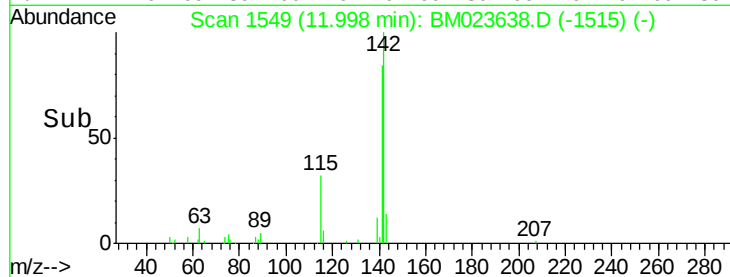
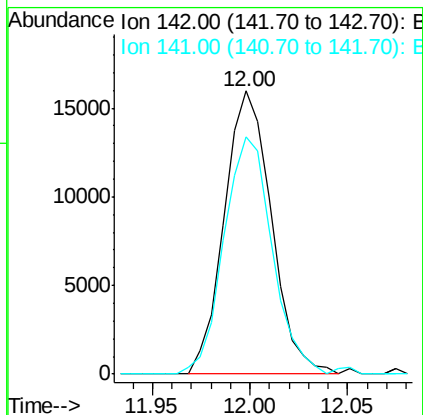
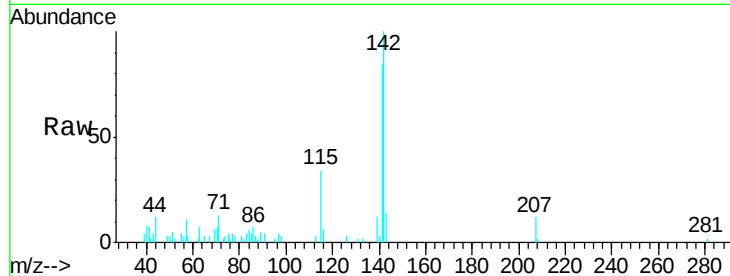




#34
 2-Methylnaphthalene
 Concen: 0.416 ng/ul
 RT: 12.00 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BM023638.D
 Acq: 11 Nov 2019 16:05

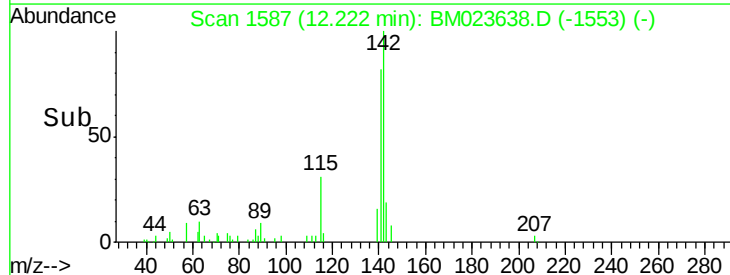
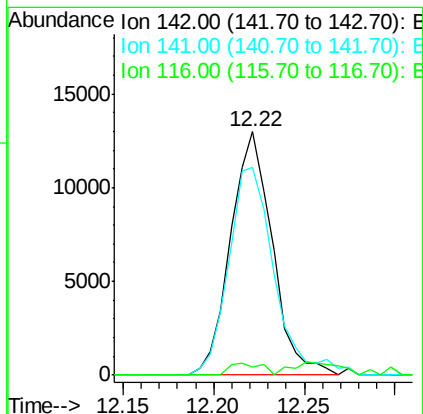
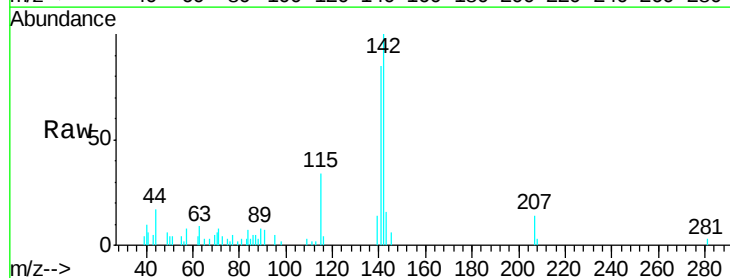
Instrument :
 BNA_M
 ClientSampleId :
 BEK25

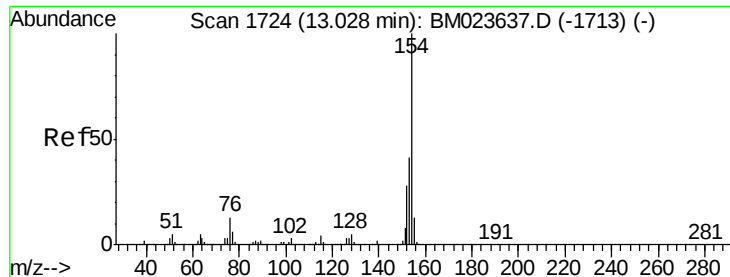
Tgt Ion:142 Resp: 26771
 Ion Ratio Lower Upper
 142 100
 141 83.9 69.8 104.8



#35
 1-Methylnaphthalene
 Concen: 0.328 ng/ul
 RT: 12.22 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BM023638.D
 Acq: 11 Nov 2019 16:05

Tgt Ion:142 Resp: 20799
 Ion Ratio Lower Upper
 142 100
 141 85.4 74.6 112.0
 116 3.6 3.2 4.8

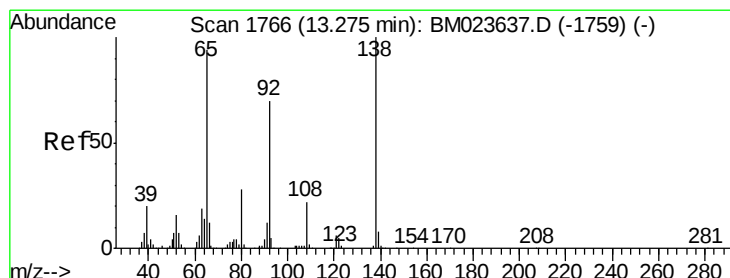
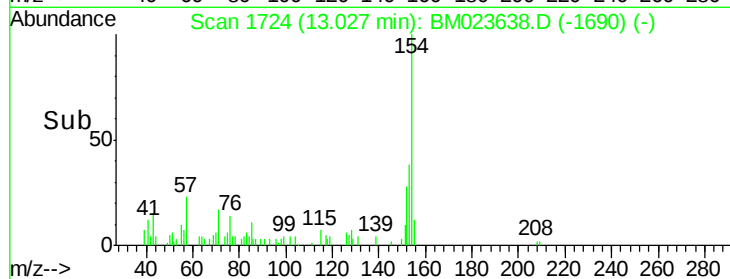
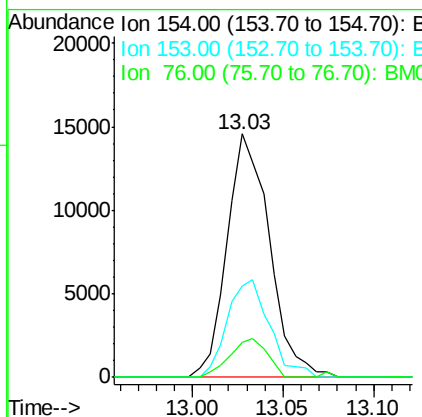
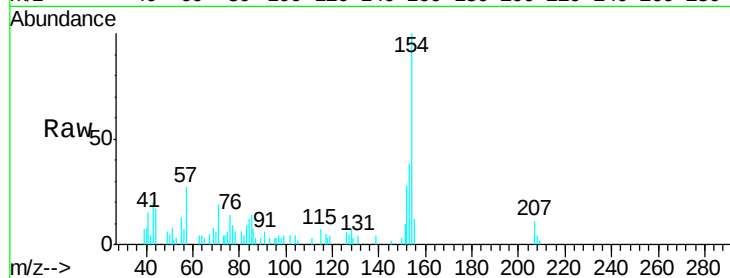




#41
 1,1'-Biphenyl
 Concen: 0.270 ng/ul
 RT: 13.03 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BM023638.D
 Acq: 11 Nov 2019 16:05

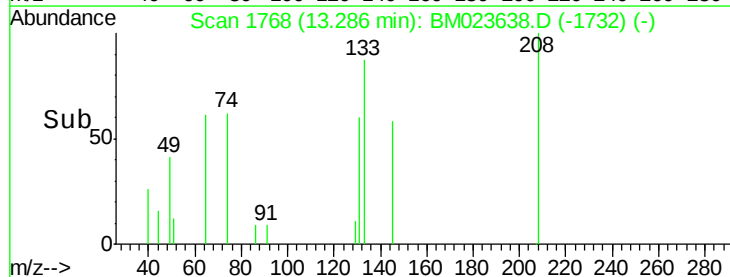
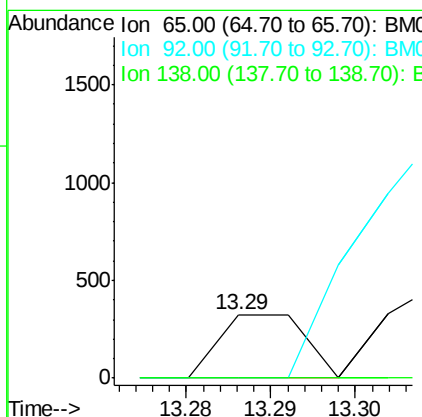
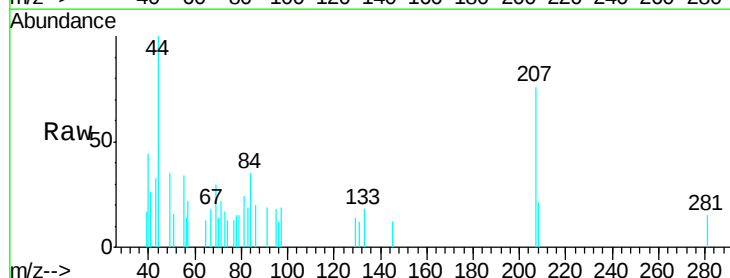
Instrument :
 BNA_M
 ClientSampleId :
 BEK25

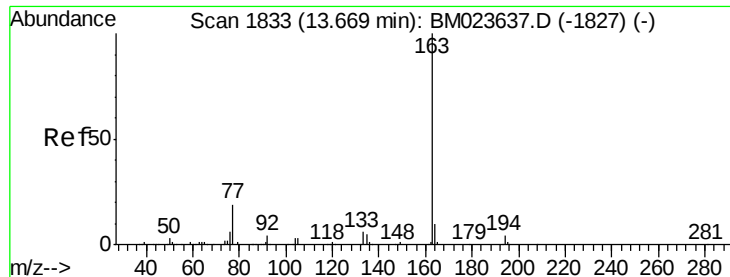
Tgt Ion:	154	Resp:	23779
Ion	Ratio	Lower	Upper
154	100		
153	37.7	32.3	48.5
76	14.1	10.6	15.8



#43
 2-Nitroaniline
 Concen: 0.014 ng/ul
 RT: 13.29 min Scan# 1768
 Delta R.T. 0.01 min
 Lab File: BM023638.D
 Acq: 11 Nov 2019 16:05

Tgt Ion:	65	Resp:	228
Ion	Ratio	Lower	Upper
65	100		
92	0.0	60.4	90.6#
138	0.0	83.8	125.6#





#45

Dimethylphthalate

Concen: 5.621 ng/ul

RT: 13.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

Instrument :

BNA_M

ClientSampleId :

BEK25

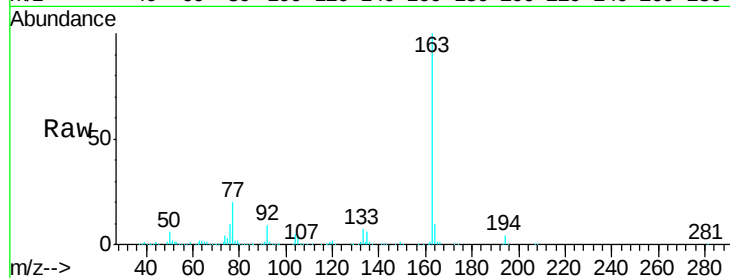
Tgt Ion:163 Resp: 490219

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

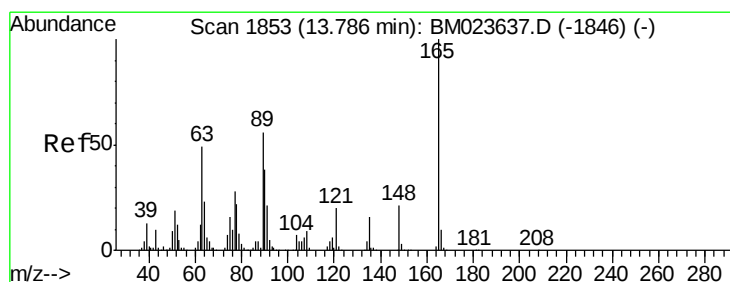
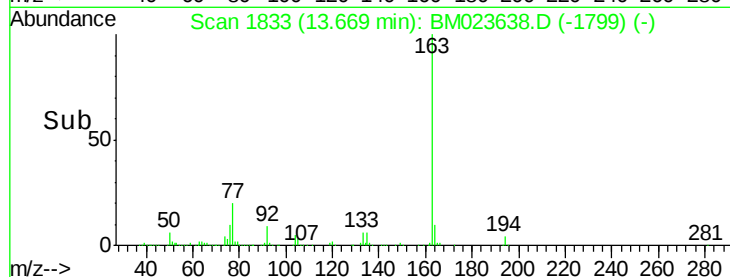
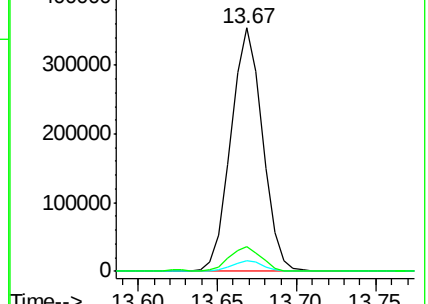
164 10.0 8.0 12.0



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: 0.308 ng/ul

RT: 13.67 min Scan# 1833

Delta R.T. -0.12 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

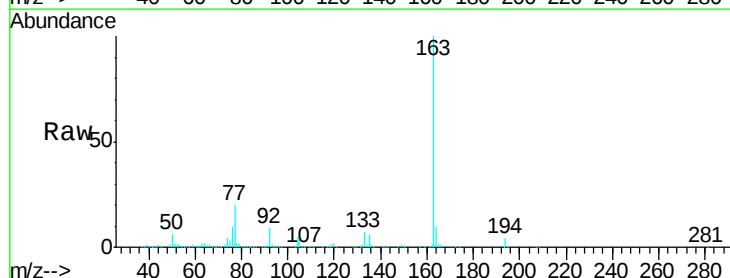
Tgt Ion:165 Resp: 4896

Ion Ratio Lower Upper

165 100

89 15.2 43.8 65.8#

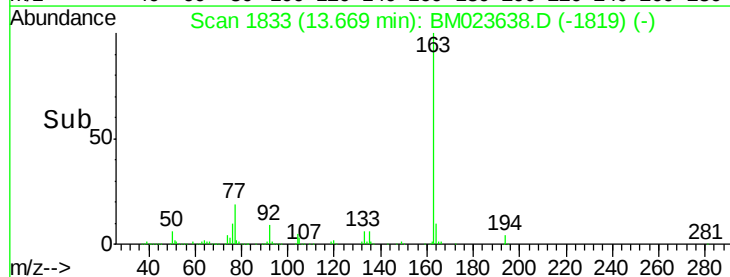
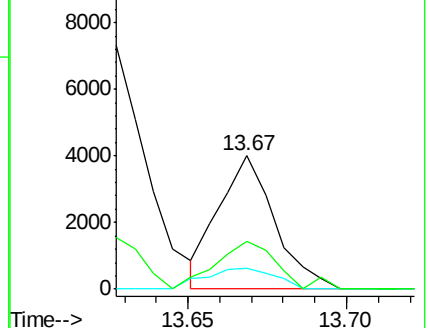
121 35.7 17.0 25.4#

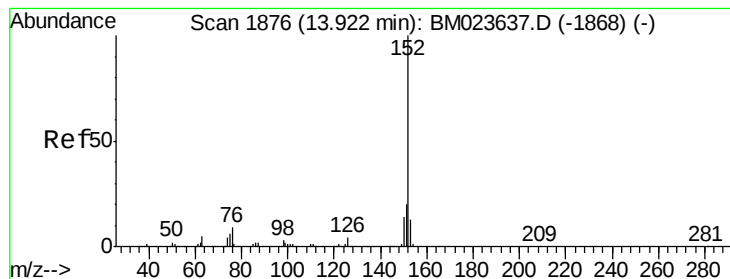


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 0.006 ng/ul

RT: 13.90 min Scan# 1872

Delta R.T. -0.02 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

Instrument :

BNA_M

ClientSampleId :

BEK25

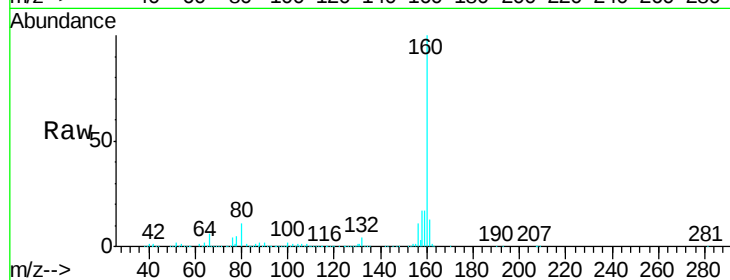
Tgt Ion:152 Resp: 615

Ion Ratio Lower Upper

152 100

151 0.0 16.1 24.1#

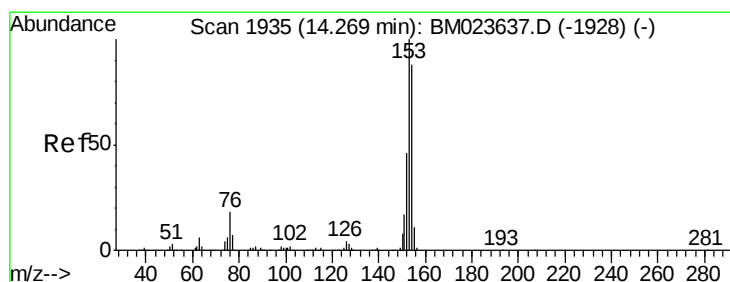
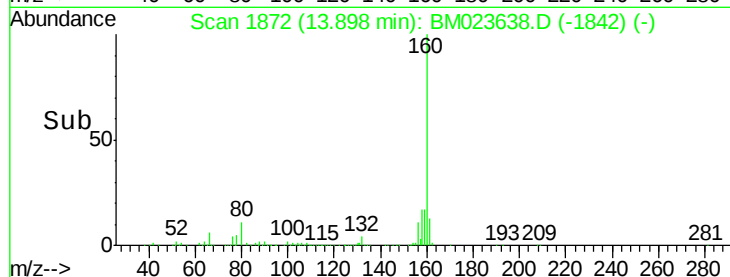
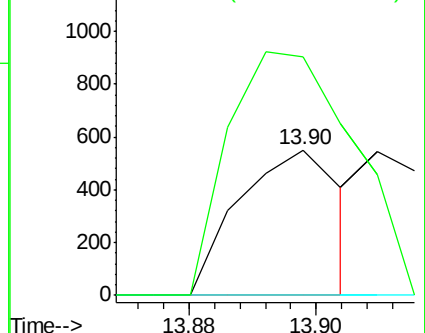
153 164.5 10.4 15.6#



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



#50

Acenaphthene

Concen: 0.004 ng/ul

RT: 14.26 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

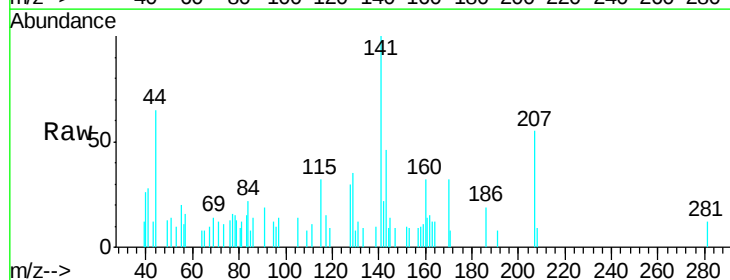
Tgt Ion:153 Resp: 273

Ion Ratio Lower Upper

153 100

152 105.1 37.7 56.5#

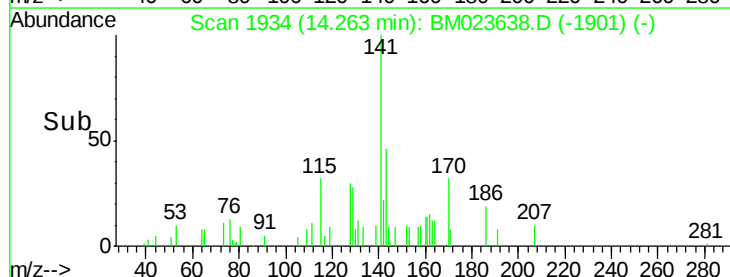
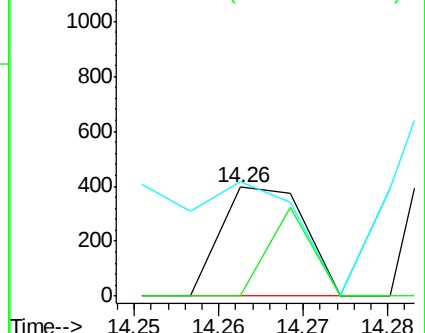
154 0.0 70.6 106.0#

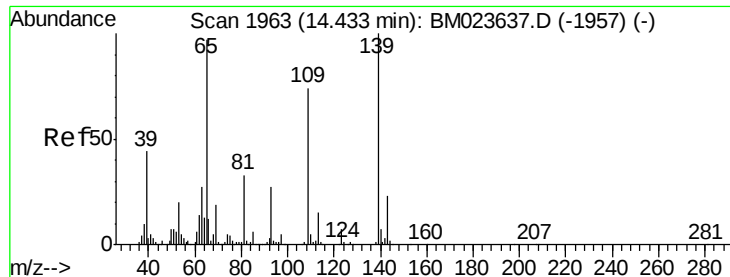


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

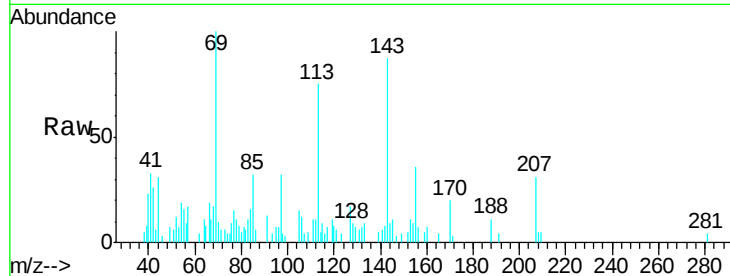




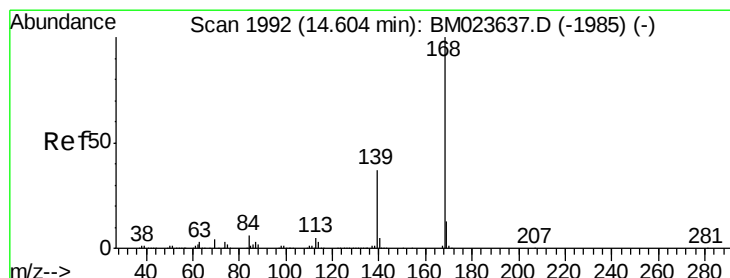
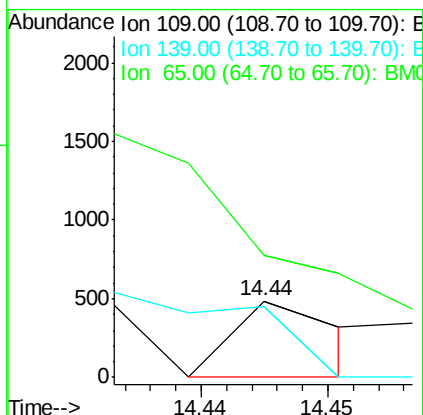
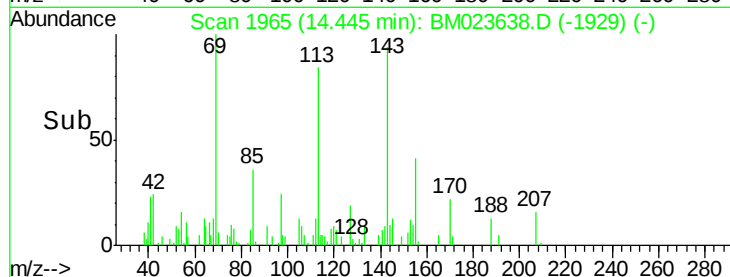
#53
4-Nitrophenol
Concen: 0.023 ng/ul
RT: 14.44 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BM023638.D
Acq: 11 Nov 2019 16:05

Instrument :
BNA_M
ClientSampleId :
BEK25

Tgt Ion:109 Resp: 283
Ion Ratio Lower Upper
109 100
139 93.4 103.4 155.0#
65 161.2 101.3 151.9#

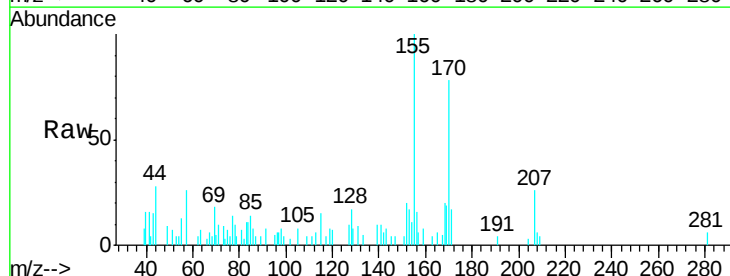


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM0

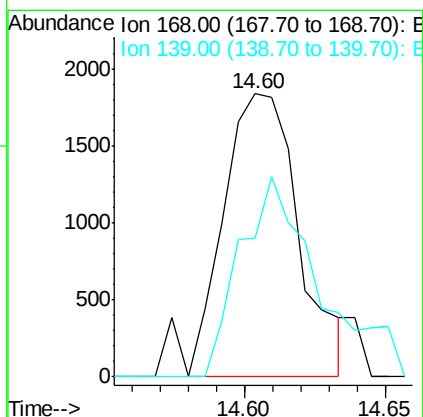
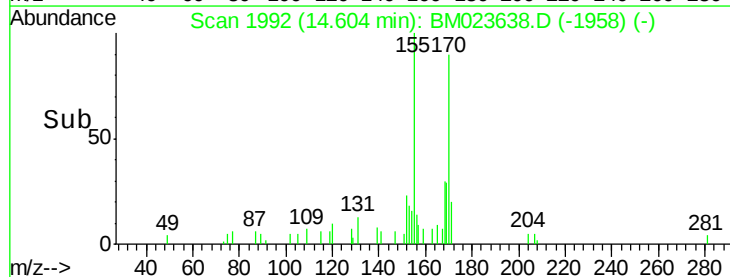


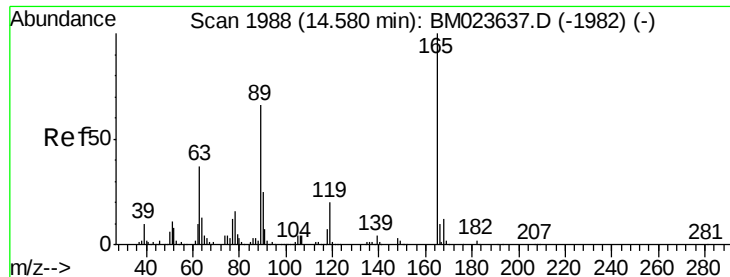
#54
Dibenzofuran
Concen: 0.032 ng/ul
RT: 14.60 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BM023638.D
Acq: 11 Nov 2019 16:05

Tgt Ion:168 Resp: 3396
Ion Ratio Lower Upper
168 100
139 49.1 29.3 43.9#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E

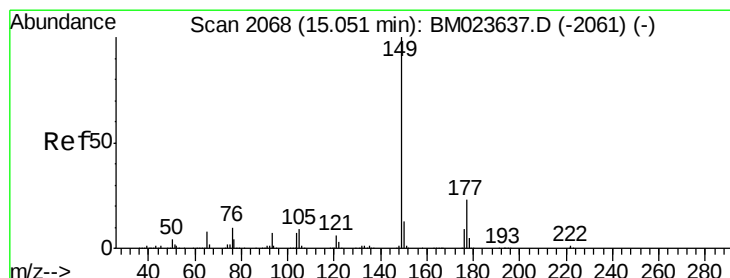
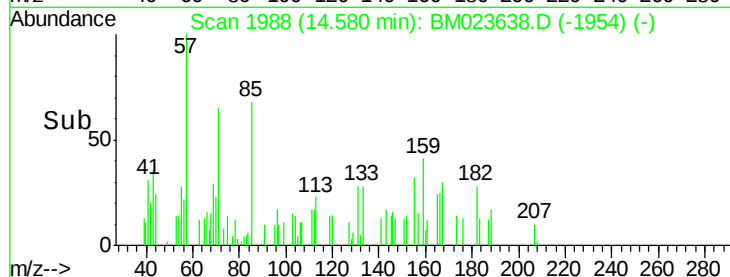
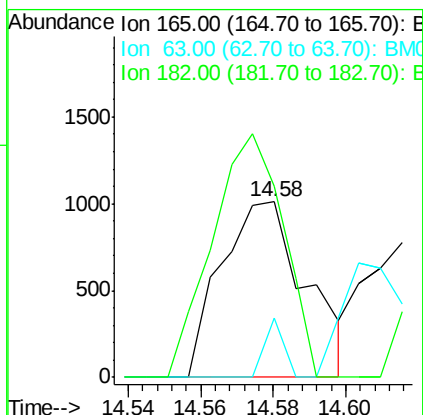
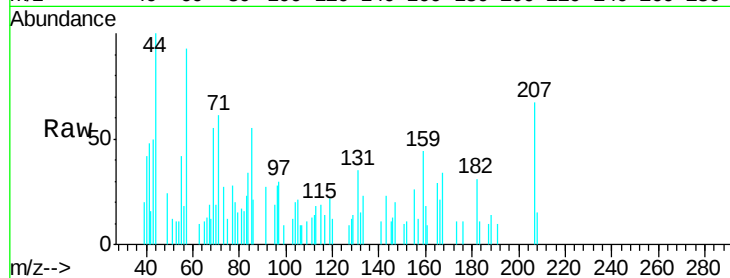




#55
2,4-Dinitrotoluene
Concen: 0.068 ng/ul
RT: 14.58 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BM023638.D
Acq: 11 Nov 2019 16:05

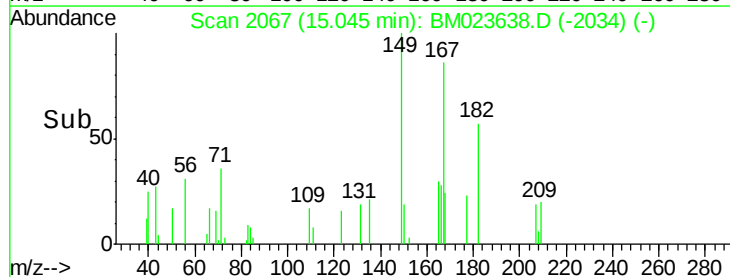
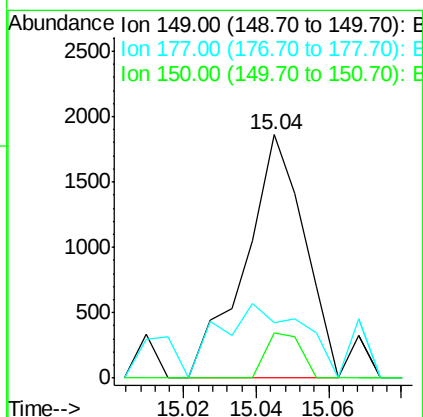
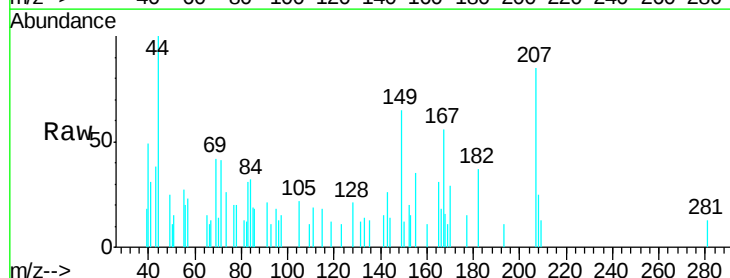
Instrument :
BNA_M
ClientSampleId :
BEK25

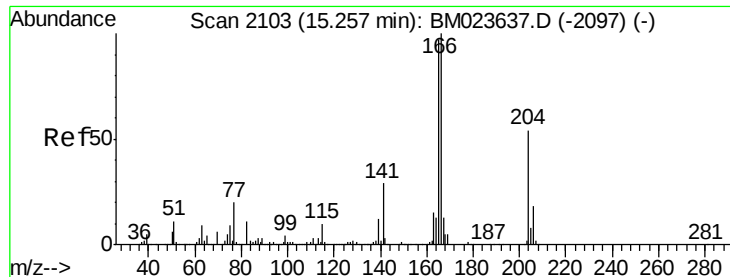
Tgt Ion:165 Resp: 1645
Ion Ratio Lower Upper
165 100
63 33.5 31.0 46.6
182 109.1 2.4 3.6#



#57
Diethylphthalate
Concen: 0.025 ng/ul
RT: 15.04 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM023638.D
Acq: 11 Nov 2019 16:05

Tgt Ion:149 Resp: 2120
Ion Ratio Lower Upper
149 100
177 23.0 18.9 28.3
150 18.5 9.9 14.9#





#59

Fluorene

Concen: 0.089 ng/ul

RT: 15.26 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

Instrument :

BNA_M

ClientSampleId :

BEK25

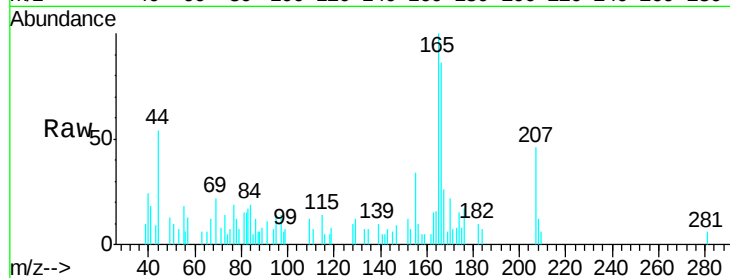
Tgt Ion:166 Resp: 7778

Ion Ratio Lower Upper

166 100

165 116.3 77.2 115.8#

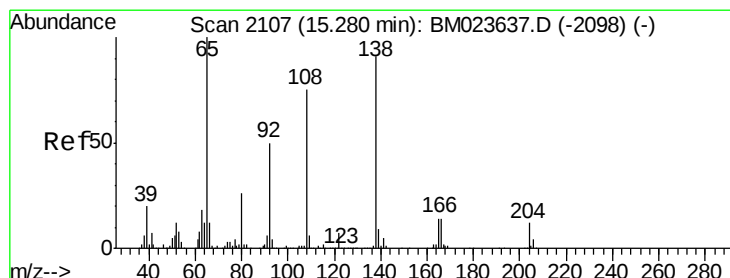
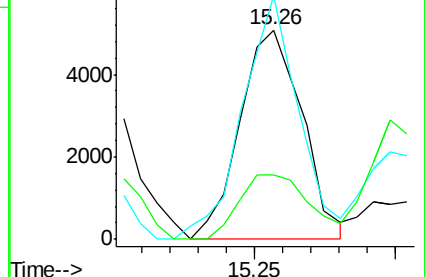
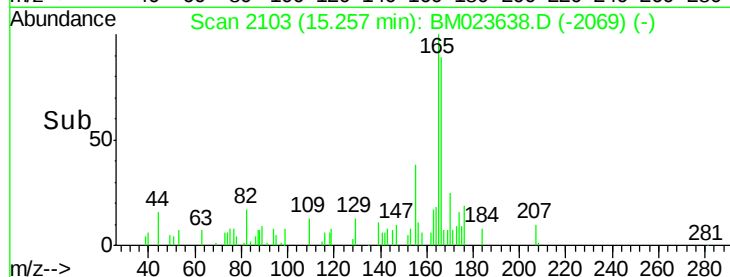
167 30.6 10.9 16.3#



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: 0.053 ng/ul

RT: 15.32 min Scan# 2114

Delta R.T. 0.04 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

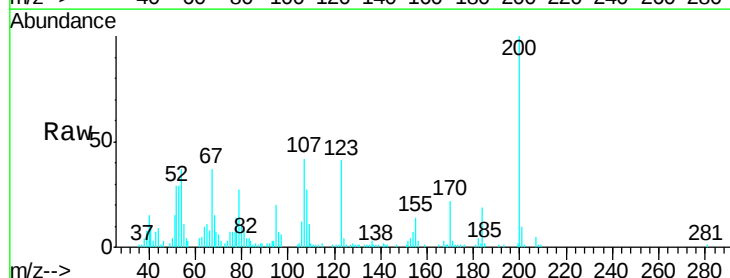
Tgt Ion:138 Resp: 981

Ion Ratio Lower Upper

138 100

92 141.0 44.6 66.8#

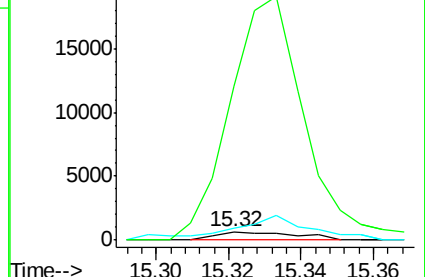
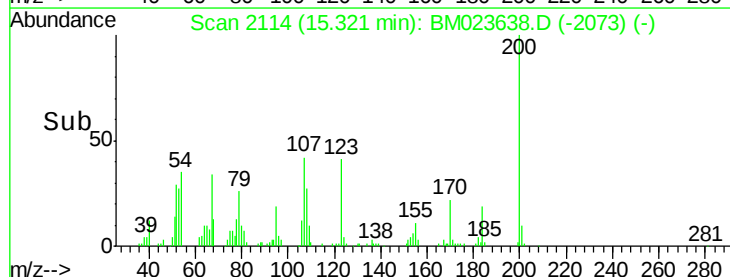
108 1863.1 66.2 99.4#

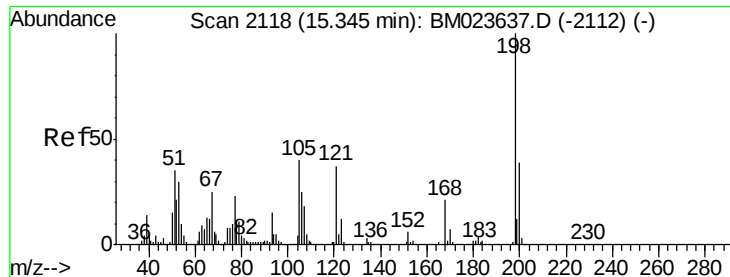


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





#64

4,6-Dinitro-2-methylphenol

Concen: 0.023 ng/ul

RT: 15.33 min Scan# 2115

Delta R.T. -0.02 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

Instrument :

BNA_M

ClientSampleId :

BEK25

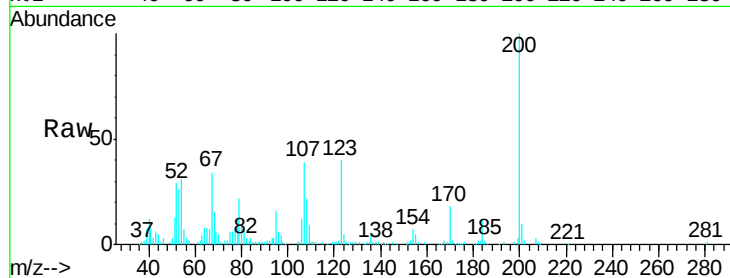
Tgt Ion:198 Resp: 389

Ion Ratio Lower Upper

198 100

182 353.7 3.6 5.4#

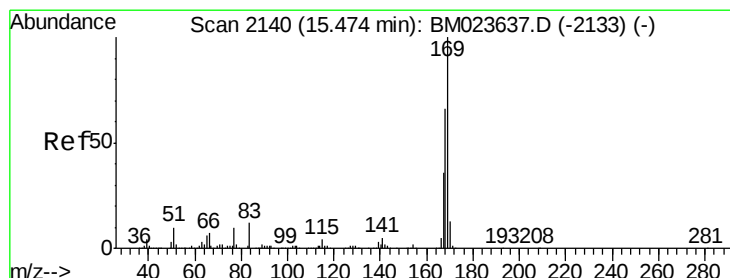
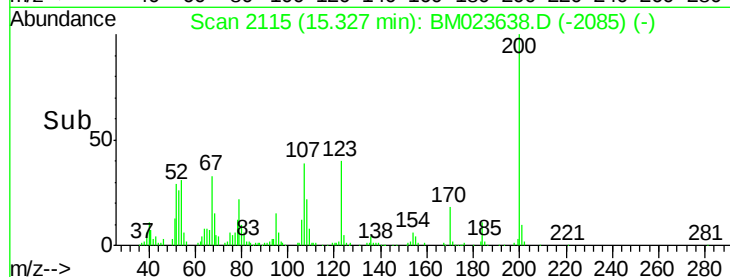
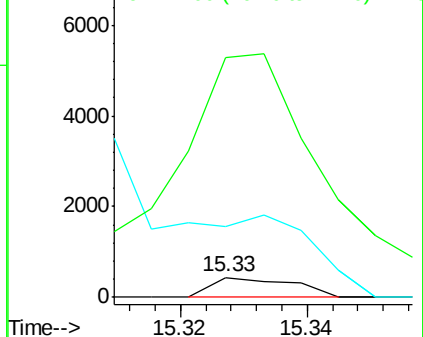
77 1189.0 17.1 25.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BM



#65

N-Nitrosodiphenylamine

Concen: 0.044 ng/ul

RT: 15.48 min Scan# 2141

Delta R.T. 0.01 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

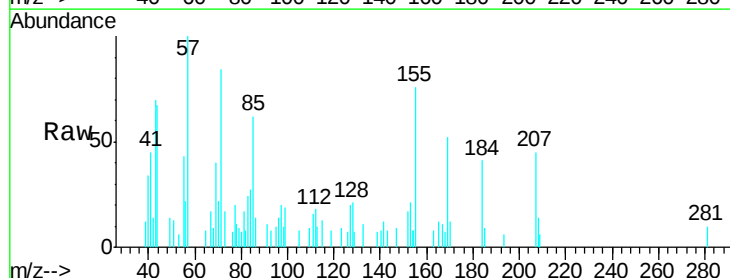
Tgt Ion:169 Resp: 3409

Ion Ratio Lower Upper

169 100

168 14.1 53.2 79.8#

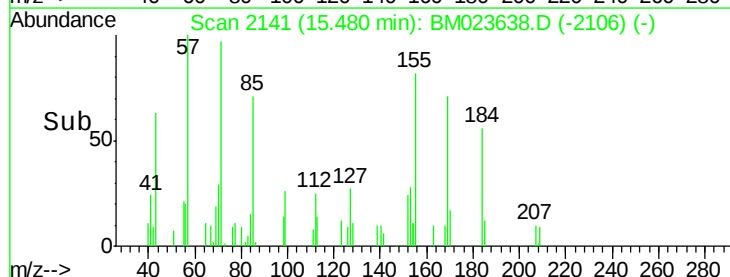
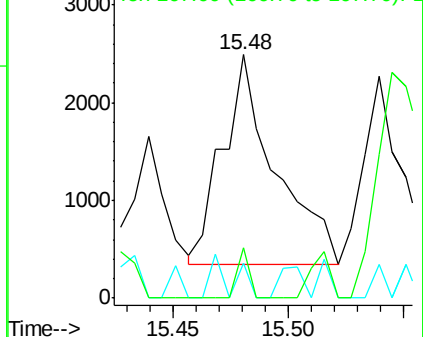
167 20.7 28.0 42.0#

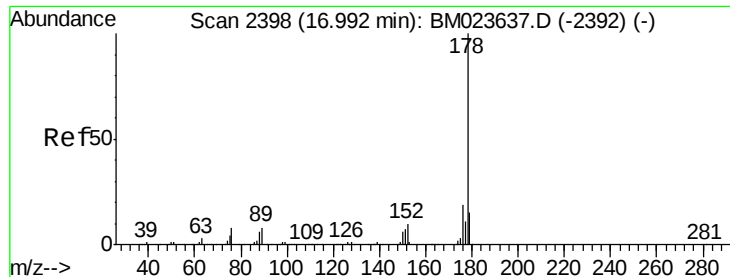


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 0.314 ng/ul

RT: 16.99 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

Instrument :

BNA_M

ClientSampleId :

BEK25

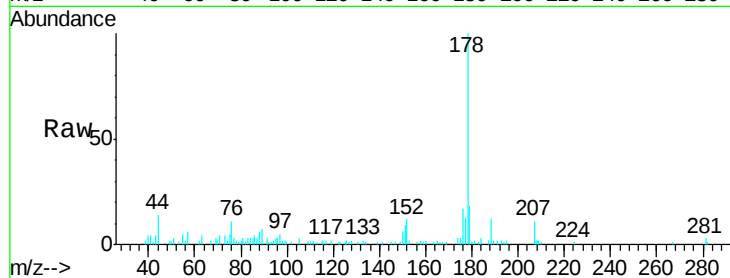
Tgt Ion:178 Resp: 46137

Ion Ratio Lower Upper

178 100

179 18.2 12.3 18.5

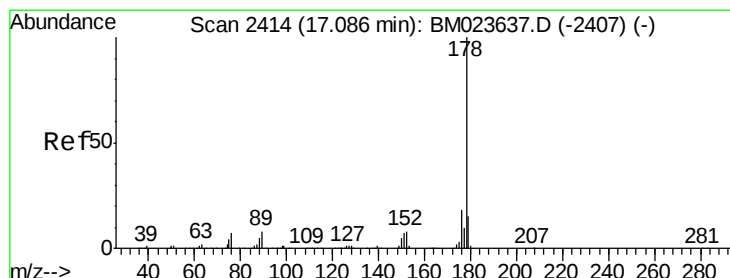
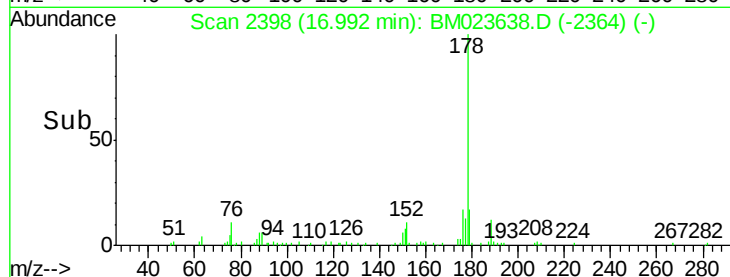
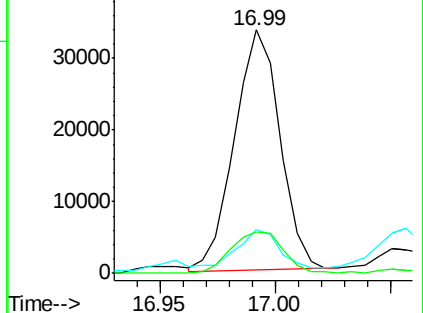
176 17.0 15.0 22.6



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



#72

Anthracene

Concen: 0.319 ng/ul

RT: 16.99 min Scan# 2398

Delta R.T. -0.09 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

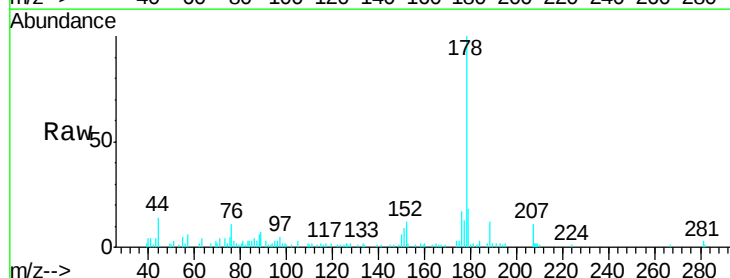
Tgt Ion:178 Resp: 47049

Ion Ratio Lower Upper

178 100

179 18.2 12.3 18.5

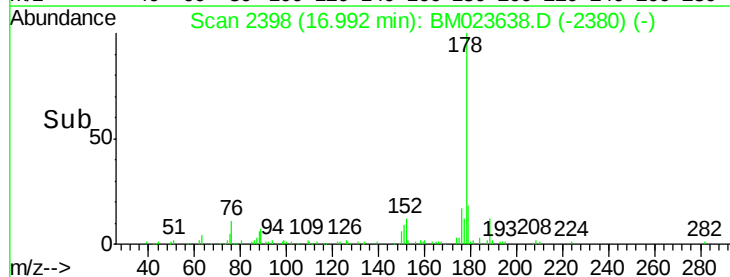
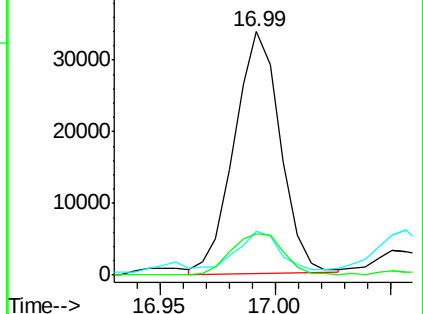
176 17.0 14.7 22.1

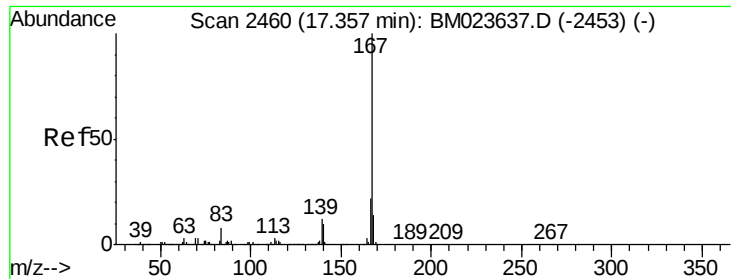


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

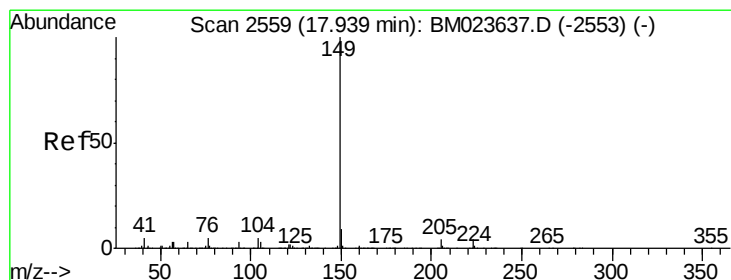
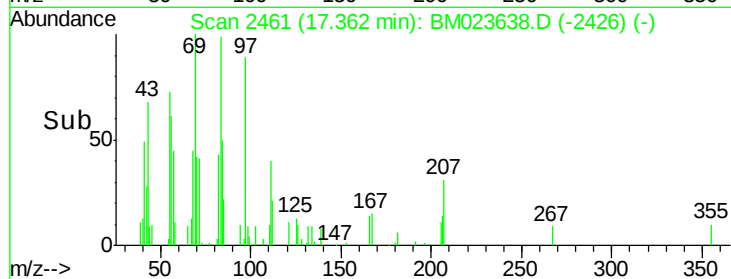
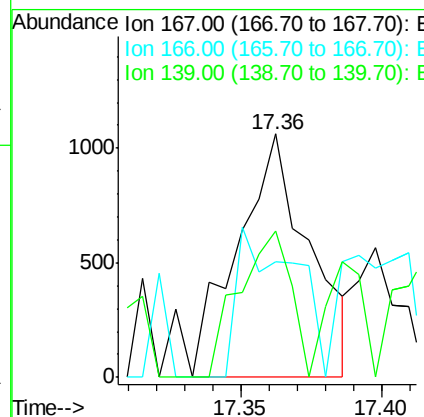
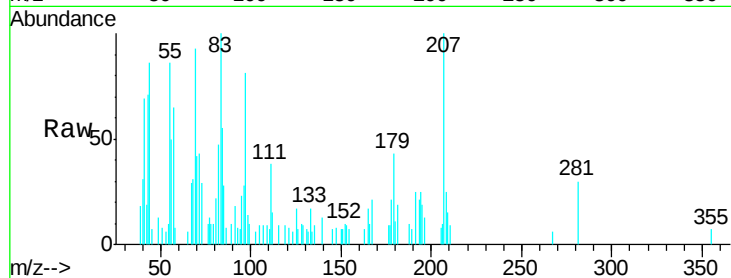




#75
 Carbazole
 Concen: 0.015 ng/ul
 RT: 17.36 min Scan# 2461
 Delta R.T. 0.01 min
 Lab File: BM023638.D
 Acq: 11 Nov 2019 16:05

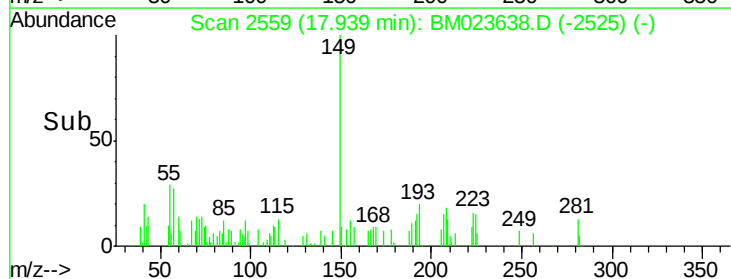
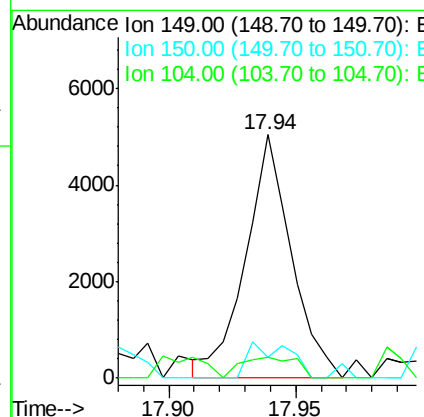
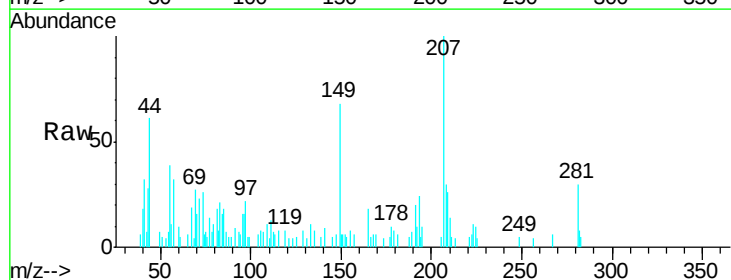
Instrument :
 BNA_M
 ClientSampleId :
 BEK25

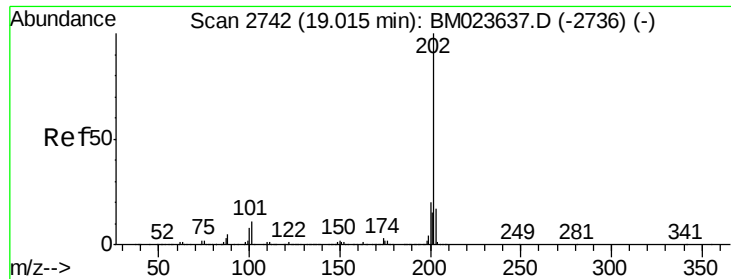
Tgt Ion:167 Resp: 1878
 Ion Ratio Lower Upper
 167 100
 166 47.5 17.1 25.7#
 139 60.2 9.8 14.6#



#76
 Di-n-butylphthalate
 Concen: 0.047 ng/ul
 RT: 17.94 min Scan# 2559
 Delta R.T. -0.00 min
 Lab File: BM023638.D
 Acq: 11 Nov 2019 16:05

Tgt Ion:149 Resp: 6348
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.1 10.7
 104 8.5 4.2 6.2#





#77

Fluoranthene

Concen: 0.043 ng/ul

RT: 19.02 min Scan# 2743

Delta R.T. -0.00 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

Instrument :

BNA_M

ClientSampleId :

BEK25

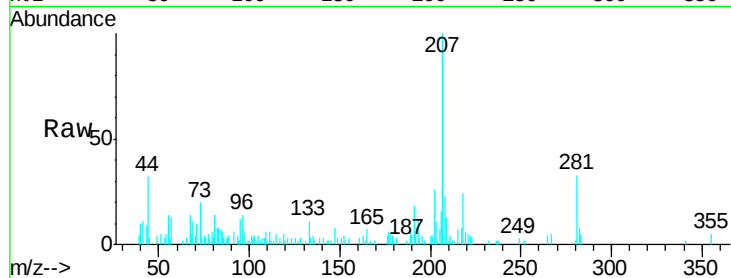
Tgt Ion:202 Resp: 6813

Ion Ratio Lower Upper

202 100

101 15.8 7.7 11.5#

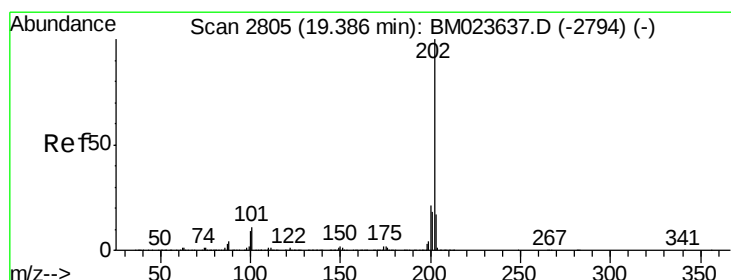
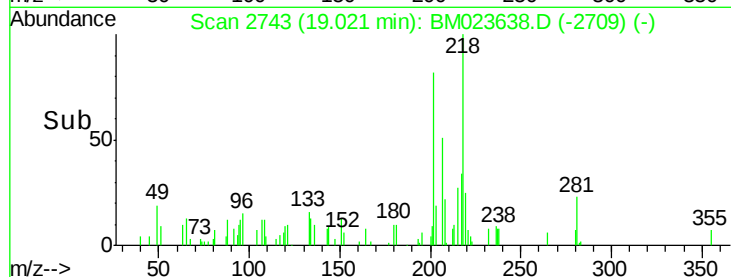
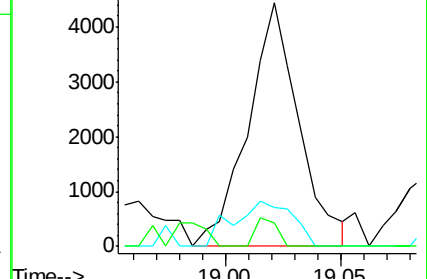
100 9.7 6.0 9.0#



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



#80

Pyrene

Concen: 0.042 ng/ul

RT: 19.38 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

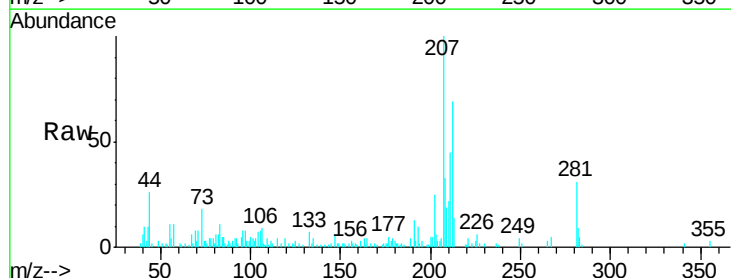
Tgt Ion:202 Resp: 7651

Ion Ratio Lower Upper

202 100

101 15.7 9.8 14.6#

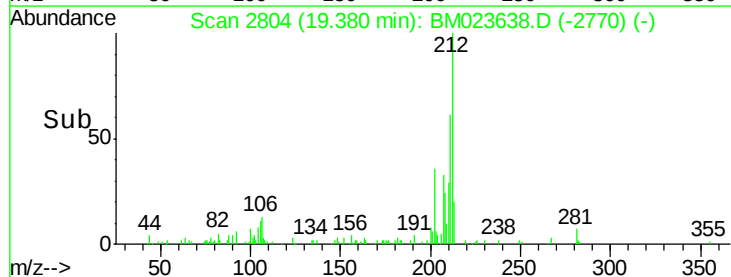
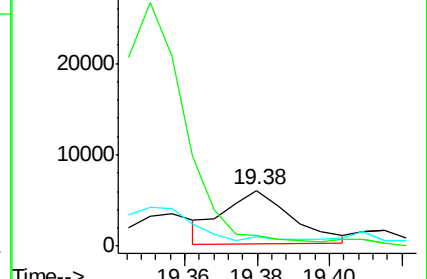
100 18.4 8.1 12.1#

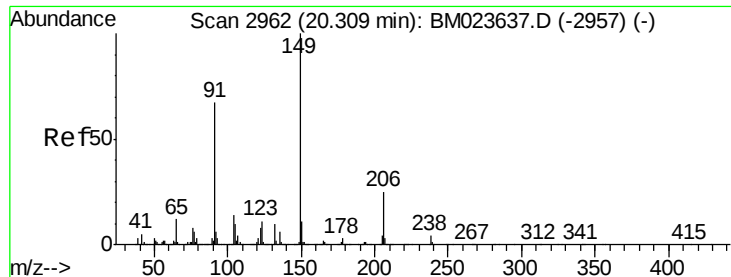


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

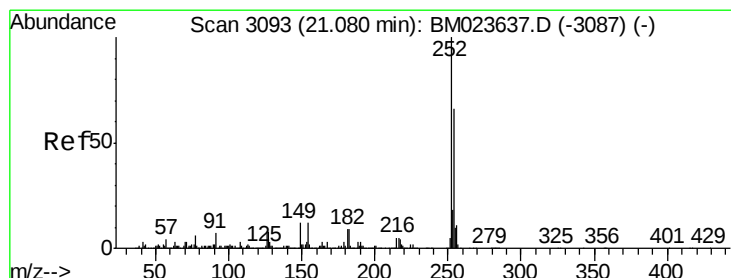
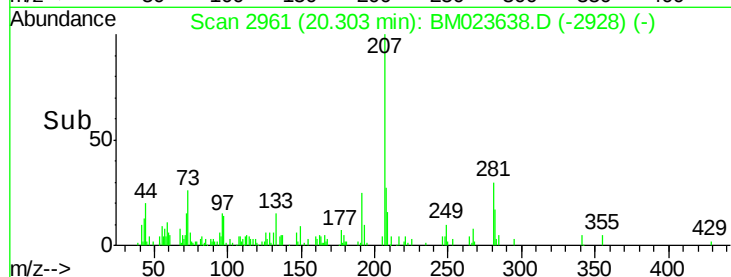
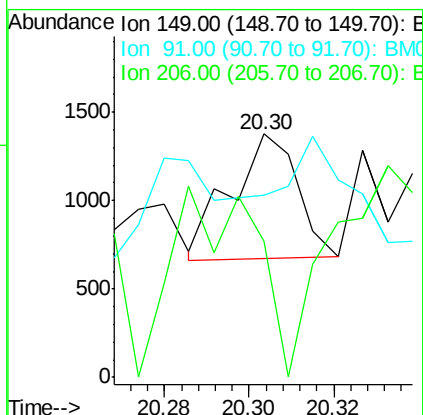
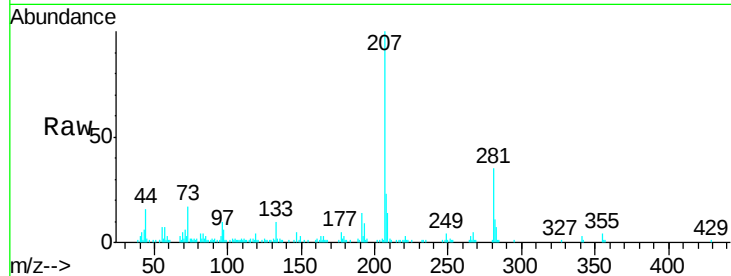




#81
Butylbenzylphthalate
Concen: 0.013 ng/ul
RT: 20.30 min Scan# 2961
Delta R.T. -0.01 min
Lab File: BM023638.D
Acq: 11 Nov 2019 16:05

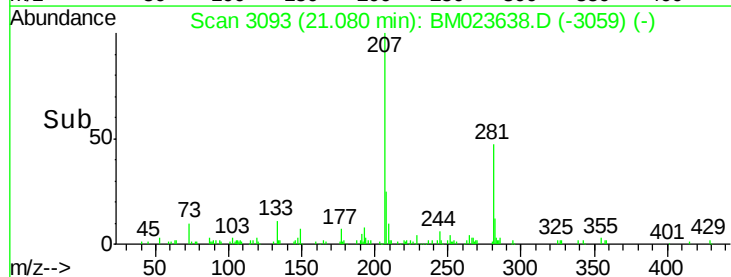
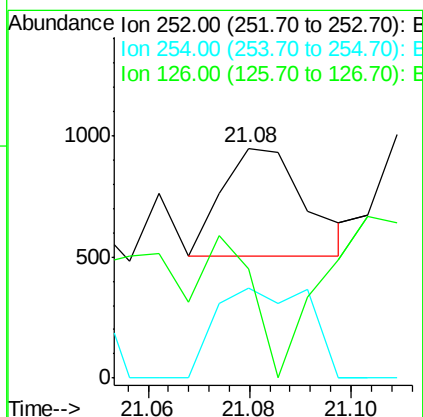
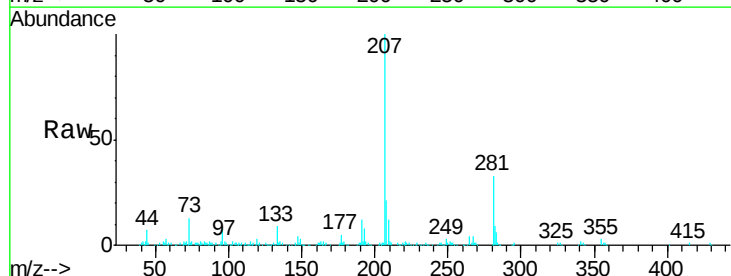
Instrument :
BNA_M
ClientSampleId :
BEK25

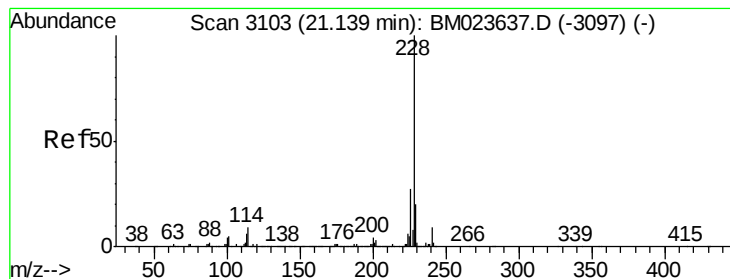
Tgt Ion:149 Resp: 770
Ion Ratio Lower Upper
149 100
91 75.0 54.9 82.3
206 55.7 19.3 28.9#



#82
3,3'-Dichlorobenzidine
Concen: 0.009 ng/ul
RT: 21.08 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BM023638.D
Acq: 11 Nov 2019 16:05

Tgt Ion:252 Resp: 508
Ion Ratio Lower Upper
252 100
254 39.5 51.6 77.4#
126 47.4 6.5 9.7#





#83

Benzo(a)anthracene

Concen: 0.221 ng/ul

RT: 21.16 min Scan# 3107

Delta R.T. 0.02 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

Instrument :

BNA_M

ClientSampleId :

BEK25

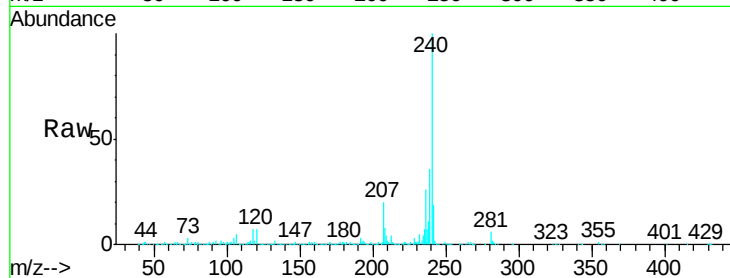
Tgt Ion:228 Resp: 40991

Ion Ratio Lower Upper

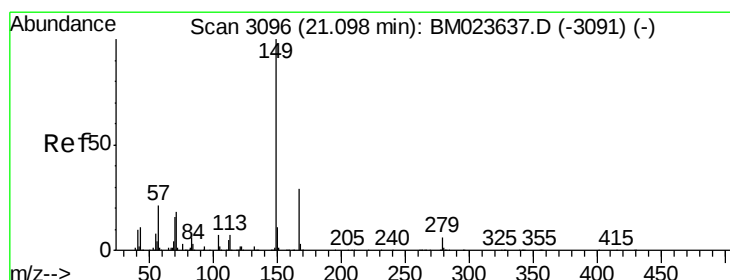
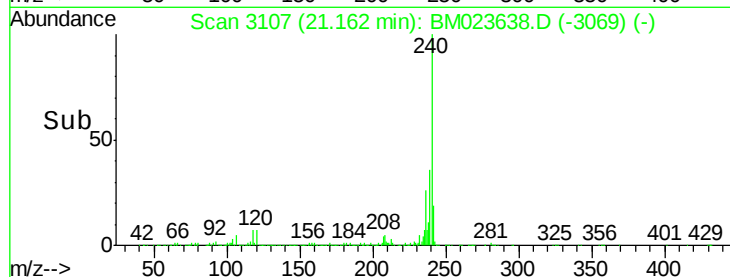
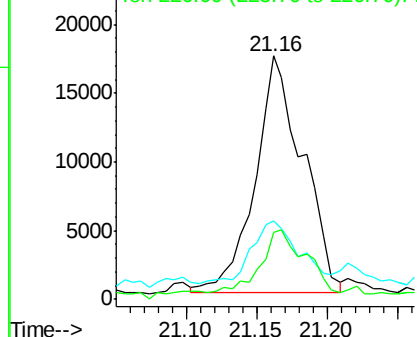
228 100

229 32.3 15.6 23.4#

226 27.7 21.4 32.2



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.055 ng/ul

RT: 21.09 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

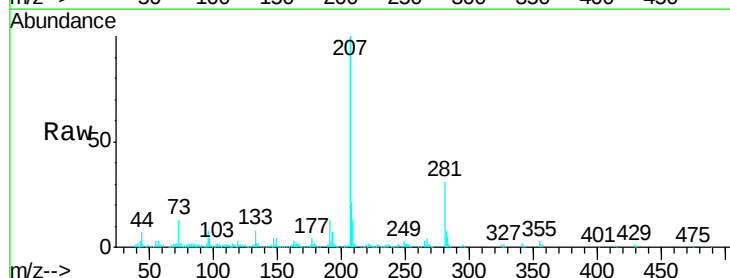
Tgt Ion:149 Resp: 4814

Ion Ratio Lower Upper

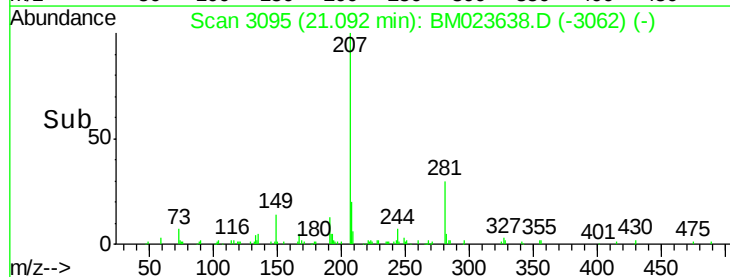
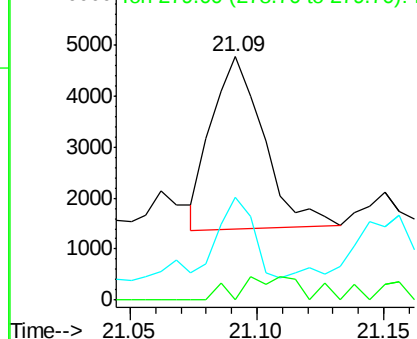
149 100

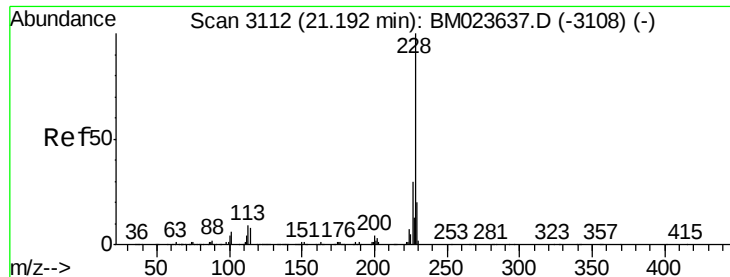
167 42.1 23.4 35.2#

279 0.0 5.0 7.4#



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: 0.236 ng/u1

RT: 21.16 min Scan# 3107

Delta R.T. -0.03 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

Instrument :

BNA_M

ClientSampleId :

BEK25

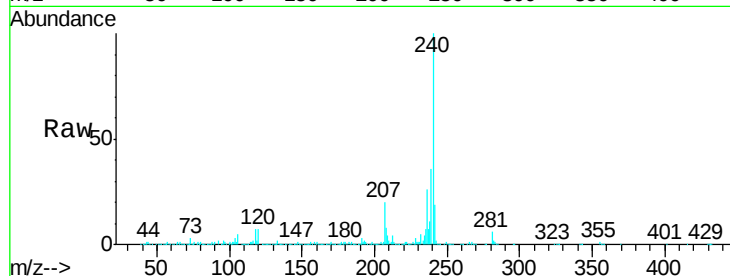
Tgt Ion:228 Resp: 41331

Ion Ratio Lower Upper

228 100

226 27.7 23.8 35.8

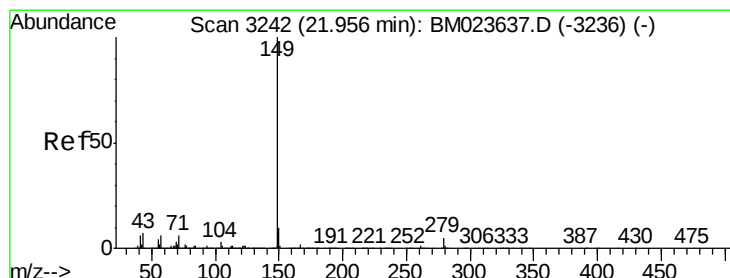
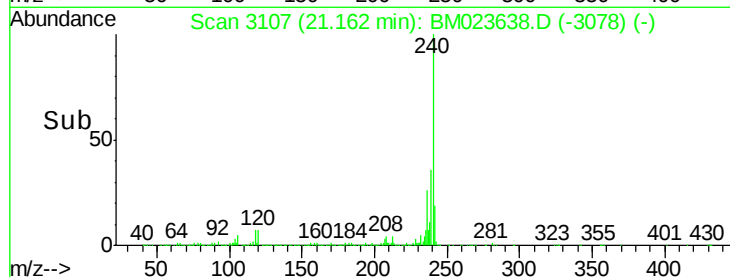
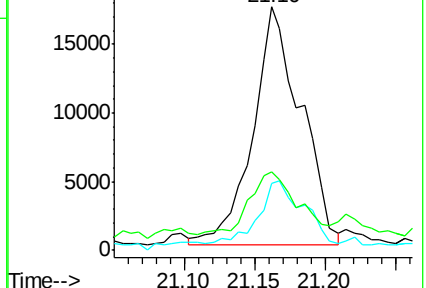
229 32.3 15.8 23.6#



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: 0.006 ng/u1

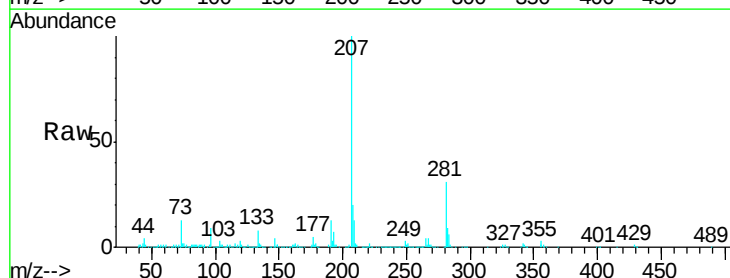
RT: 21.96 min Scan# 3243

Delta R.T. 0.01 min

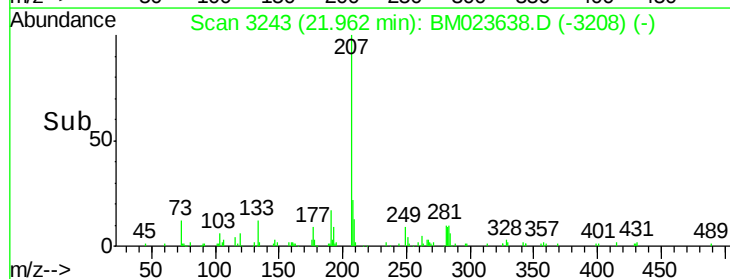
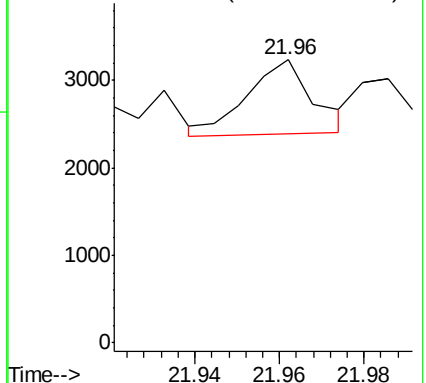
Lab File: BM023638.D

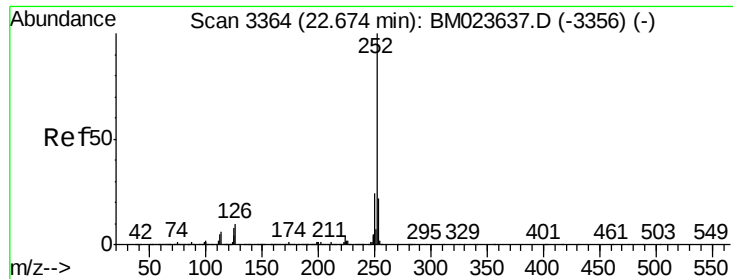
Acq: 11 Nov 2019 16:05

Tgt Ion:149 Resp: 909



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 0.035 ng/ul

RT: 22.67 min Scan# 3363

Delta R.T. -0.01 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

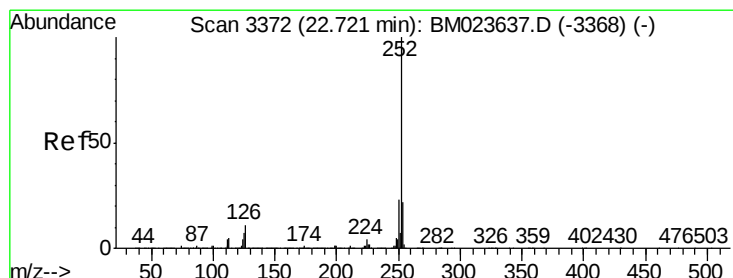
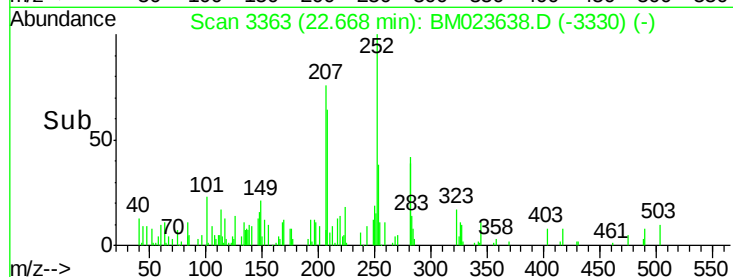
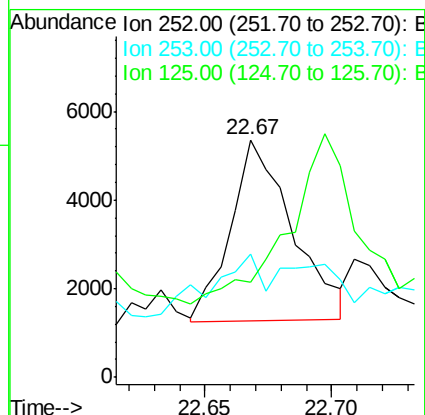
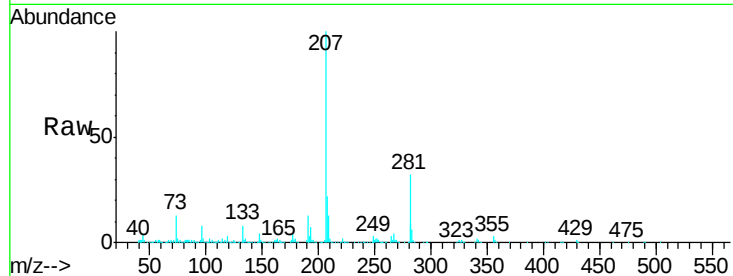
Instrument :

BNA_M

ClientSampleId :

BEK25

Tgt Ion:	252	Resp:	6910
Ion Ratio	Lower	Upper	
252	100		
253	51.9	17.8	26.8#
125	40.0	6.5	9.7#



#89

Benzo(k)fluoranthene

Concen: 0.010 ng/ul

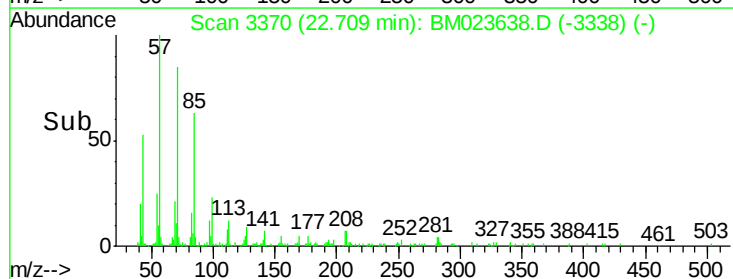
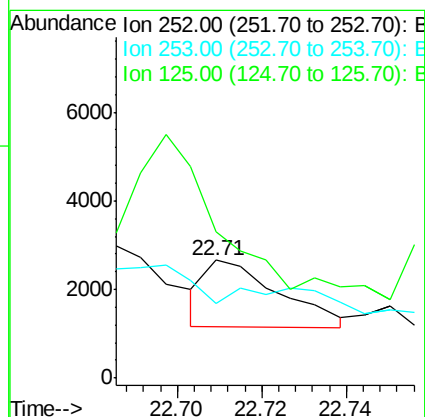
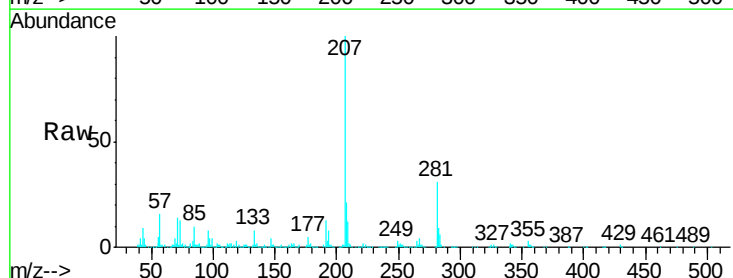
RT: 22.71 min Scan# 3370

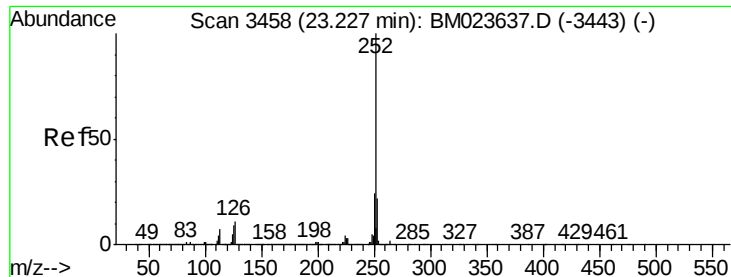
Delta R.T. -0.01 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

Tgt Ion:	252	Resp:	1813
Ion Ratio	Lower	Upper	
252	100		
253	64.0	17.2	25.8#
125	124.0	5.9	8.9#





#91

Benzo(a)pyrene

Concen: 0.012 ng/ul

RT: 23.21 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

Instrument :

BNA_M

ClientSampleId :

BEK25

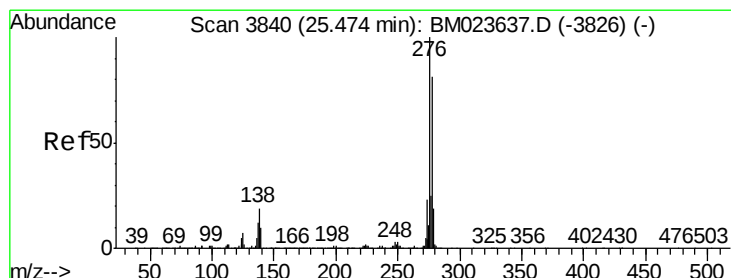
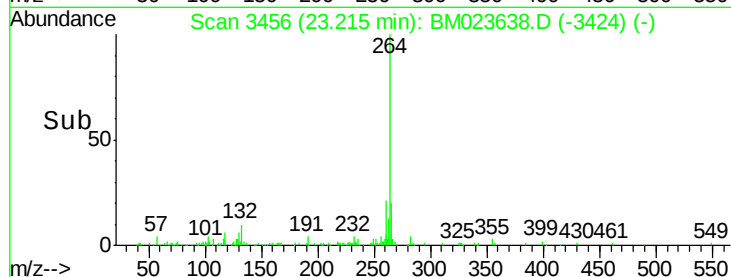
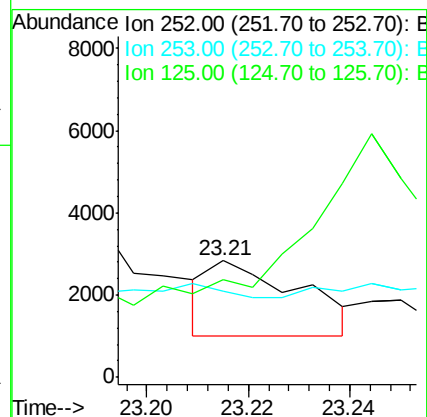
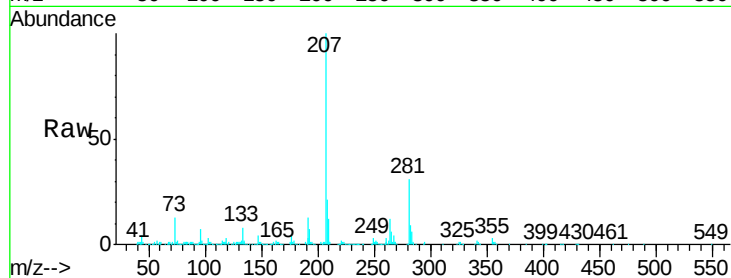
Tgt Ion:252 Resp: 2220

Ion Ratio Lower Upper

252 100

253 73.3 17.3 25.9#

125 84.2 6.9 10.3#



#92

Indeno(1,2,3-cd)pyrene

Concen: 0.012 ng/ul

RT: 25.47 min Scan# 3839

Delta R.T. -0.01 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

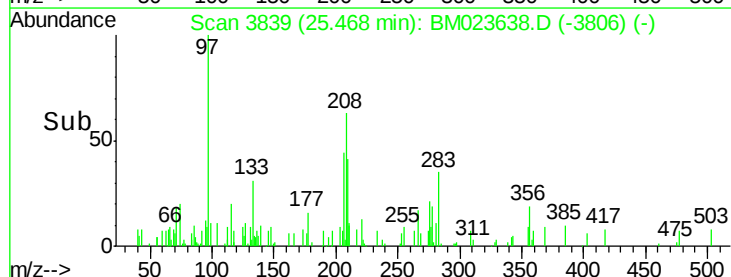
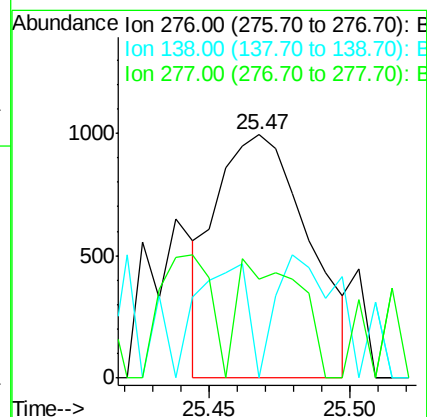
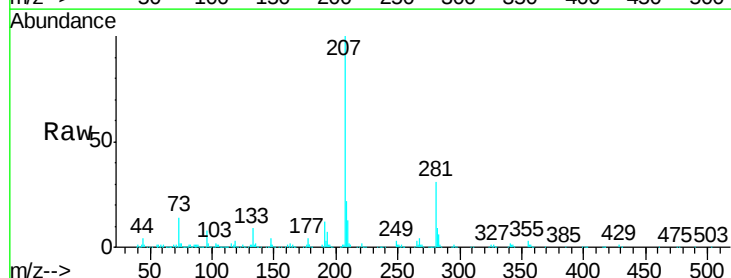
Tgt Ion:276 Resp: 2268

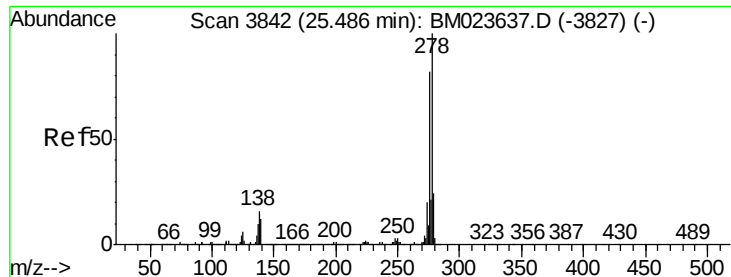
Ion Ratio Lower Upper

276 100

138 0.0 15.0 22.4#

277 40.5 20.0 30.0#





#93

Dibenzo(a,h)anthracene

Concen: 0.003 ng/ul

RT: 25.47 min Scan# 3839

Delta R.T. -0.01 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

Instrument :

BNA_M

ClientSampleId :

BEK25

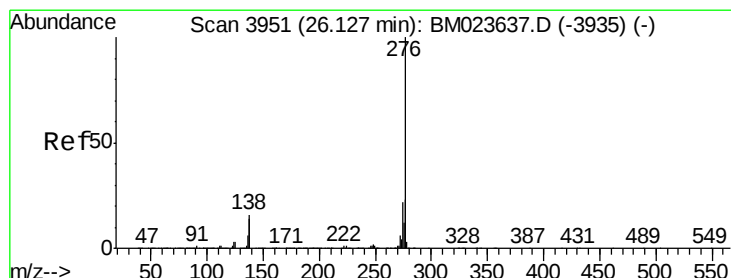
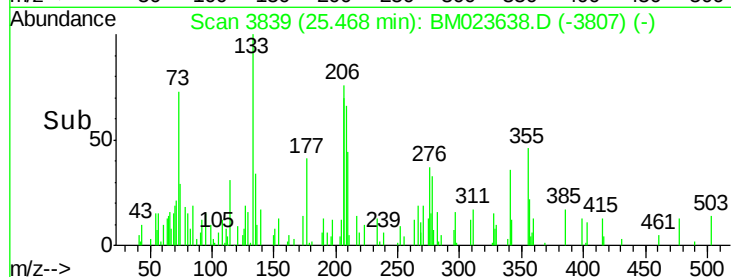
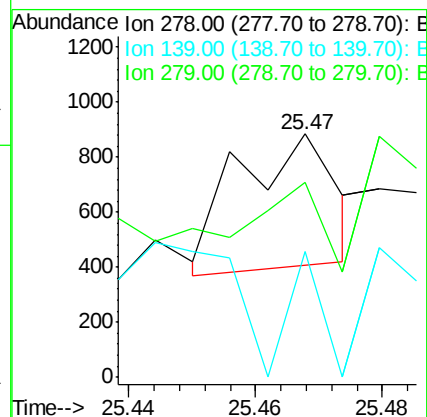
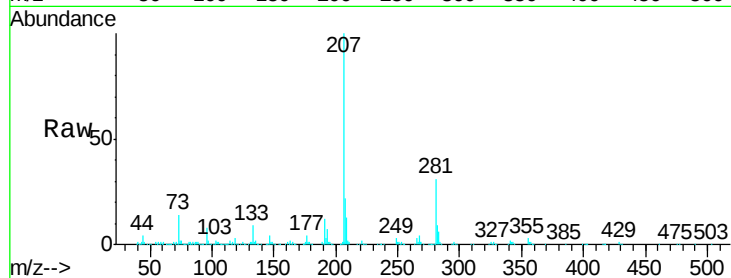
Tgt Ion:278 Resp: 518

Ion Ratio Lower Upper

278 100

139 51.5 10.0 15.0#

279 80.0 19.0 28.6#



#94

Benzo(g,h,i)perylene

Concen: 0.017 ng/ul

RT: 26.11 min Scan# 3949

Delta R.T. -0.01 min

Lab File: BM023638.D

Acq: 11 Nov 2019 16:05

Tgt Ion:276 Resp: 2631

Ion Ratio Lower Upper

276 100

138 0.0 13.2 19.8#

277 36.3 18.6 28.0#

