

Data File : BM023737.D
Acq On : 15 Nov 2019 04:06
Operator : JU
Sample : K5700-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEGY7

Quant Time: Nov 15 07:57:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 07:53:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	368450	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	1424997	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.19	164	908417	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	1854714	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1847994	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2216369	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	52107	5.83	ng/uL	0.00
5) Phenol-d5	6.72	99	167759	4.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	480653	24.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	521760	21.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	320600	11.97	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	361551	35.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	376218	35.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	660748	27.03	ng/ul	0.01
29) 4-Chloroaniline-d4	10.47	131	253401	9.44	ng/ul	0.02
44) Dimethylphthalate-d6	13.61	166	2187679	30.88	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	2542975	31.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	62230	5.15	ng/ul	0.00
58) Fluorene-d10	15.19	176	1913070	30.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	309397	28.84	ng/ul	0.00
71) Anthracene-d10	17.04	188	2877336	32.70	ng/ul	0.00
79) Pyrene-d10	19.34	212	3191575	33.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	3873583	33.21	ng/ul	0.00

Target Compounds

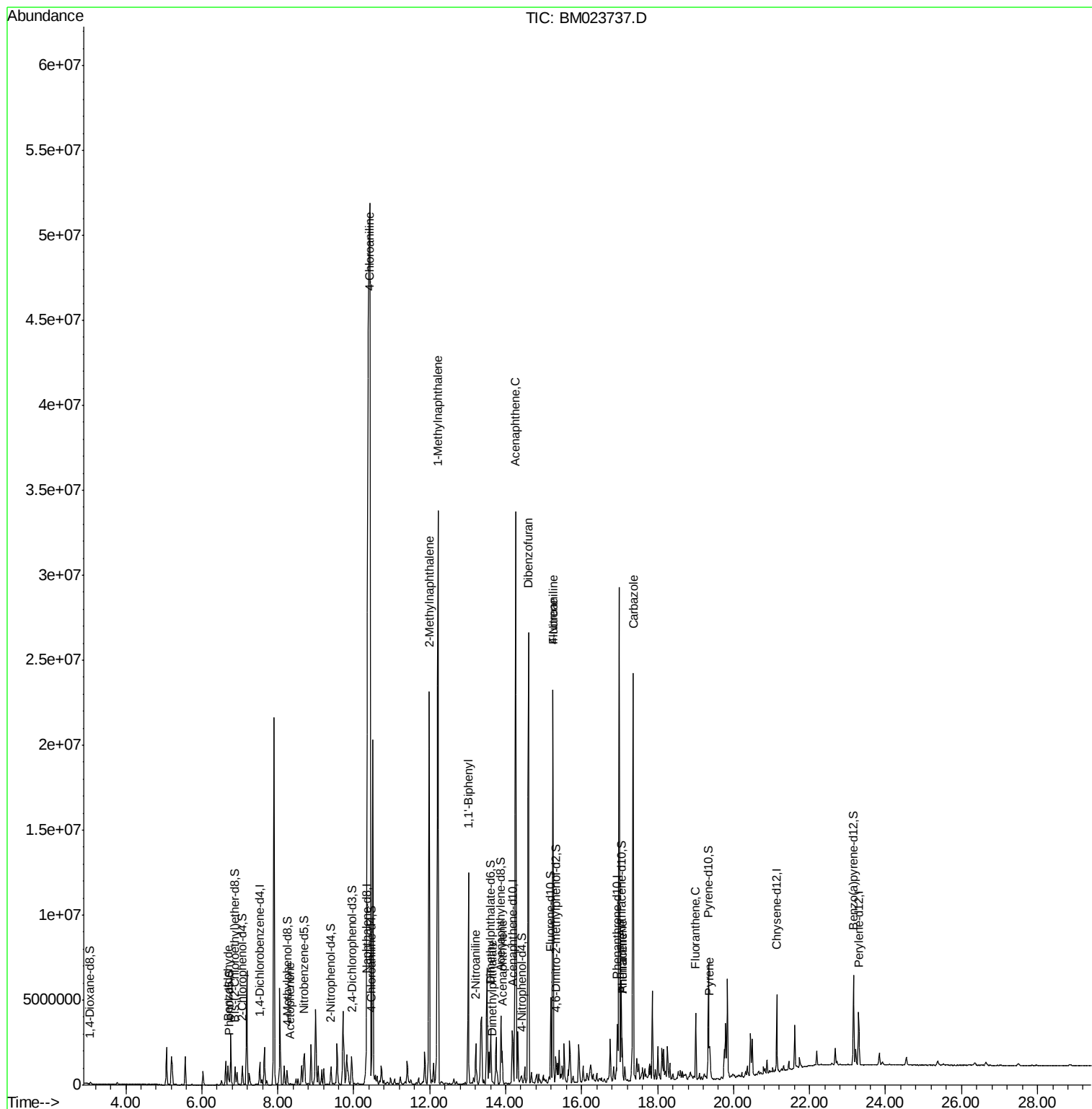
					Qvalue	
4) Benzaldehyde	6.69	77	79237	4.021	ng/ul#	1
14) Acetophenone	8.33	105	49005	1.173	ng/ul#	35
30) 4-Chloroaniline	10.43	127	24278137	879.898	ng/ul#	12
34) 2-Methylnaphthalene	11.99	142	11297885	197.188	ng/ul	98
35) 1-Methylnaphthalene	12.21	142	16465358	291.385	ng/ul	94
41) 1,1'-Biphenyl	13.02	154	6620939	94.480	ng/ul	98
43) 2-Nitroaniline	13.21	65	15809	1.232	ng/ul#	27
45) Dimethylphthalate	13.66	163	98222	1.415	ng/ul	100
48) Acenaphthylene	13.90	152	244145	3.000	ng/ul#	71
50) Acenaphthene	14.26	153	14347804	248.412	ng/ul	90
54) Dibenzofuran	14.59	168	15518076	181.498	ng/ul#	79
59) Fluorene	15.25	166	11027265	158.973	ng/ul	99
61) 4-Nitroaniline	15.25	138	119476	8.118	ng/ul#	19
70) Phenanthrene	17.07	178	1513521	14.815	ng/ul	99
72) Anthracene	17.07	178	1530756	14.901	ng/ul	99
75) Carbazole	17.35	167	15166888	177.118	ng/ul#	85
77) Fluoranthene	19.00	202	2202577	20.124	ng/ul	98
80) Pyrene	19.37	202	1300250	10.885	ng/ul	100

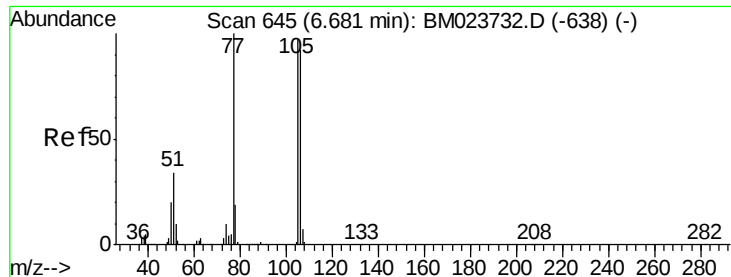
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 4.021 ng/ul

RT: 6.69 min Scan# 646

Delta R.T. 0.01 min

Lab File: BM023737.D

Acq: 15 Nov 2019 04:06

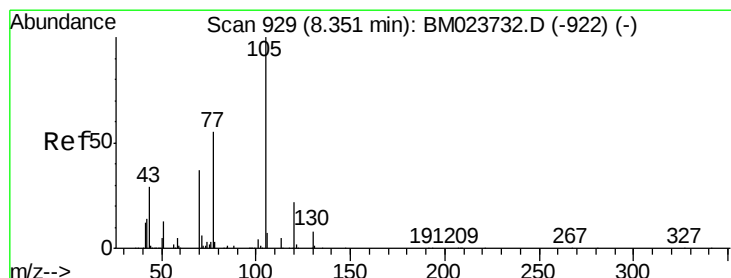
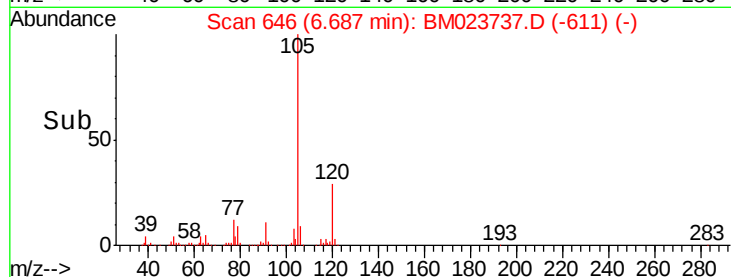
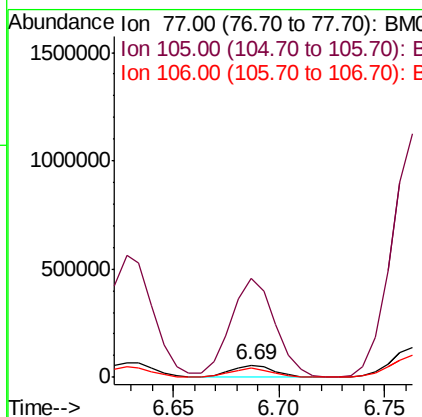
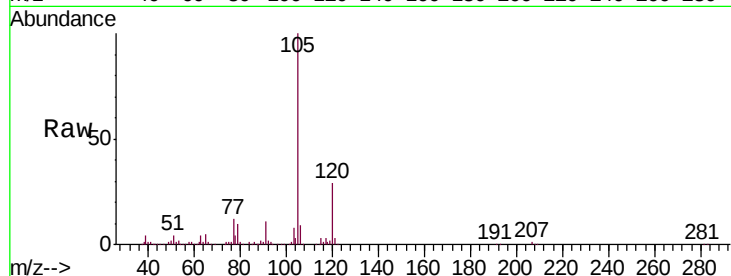
Instrument :

BNA_M

ClientSampleId :

BEGY7

Tgt Ion: 77 Resp: 79237
 Ion Ratio Lower Upper
 77 100
 105 804.4 75.9 113.9#
 106 72.8 70.2 105.4



#14

Acetophenone

Concen: 1.173 ng/ul

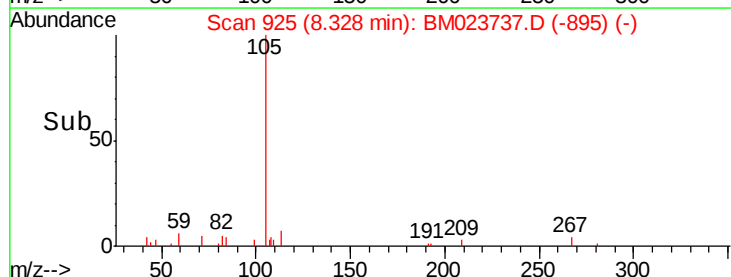
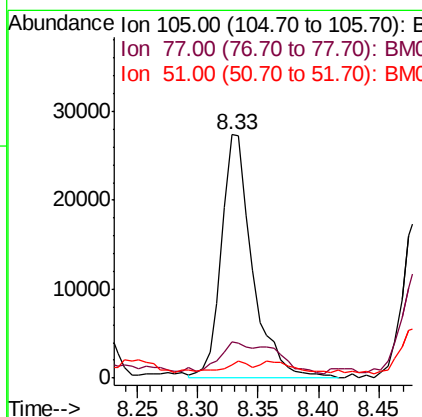
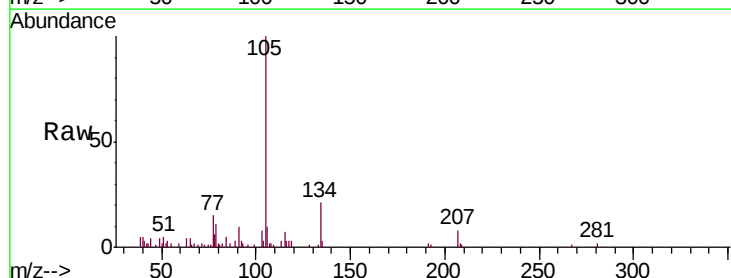
RT: 8.33 min Scan# 925

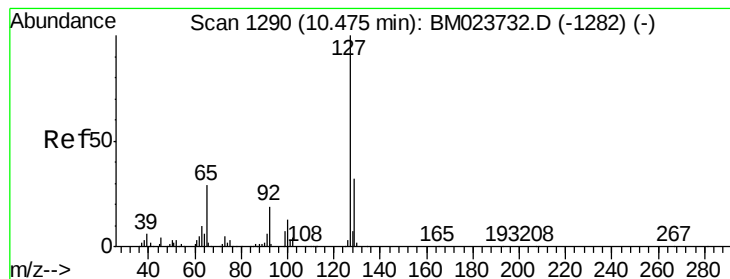
Delta R.T. -0.02 min

Lab File: BM023737.D

Acq: 15 Nov 2019 04:06

Tgt Ion: 105 Resp: 49005
 Ion Ratio Lower Upper
 105 100
 77 14.8 63.8 95.6#
 51 5.5 16.3 24.5#





#30

4-Chloroaniline

Concen: 879.898 ng/ul

RT: 10.43 min Scan# 1282

Delta R.T. -0.05 min

Lab File: BM023737.D

Acq: 15 Nov 2019 04:06

Instrument :

BNA_M

ClientSampleId :

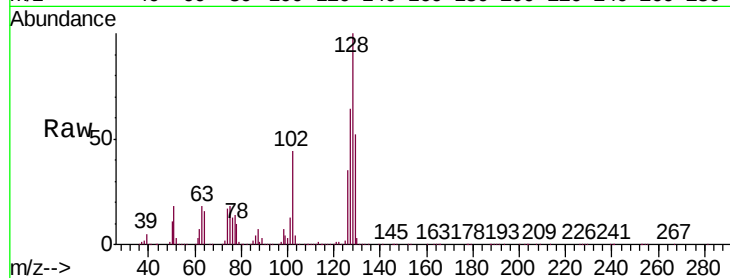
BEGY7

Tgt Ion:127 Resp:24278137

Ion Ratio Lower Upper

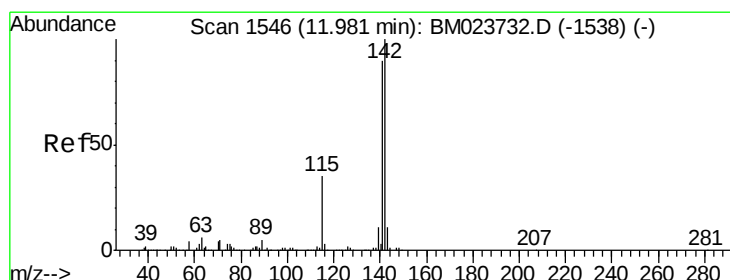
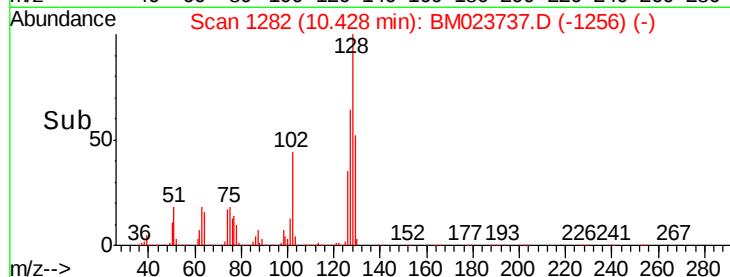
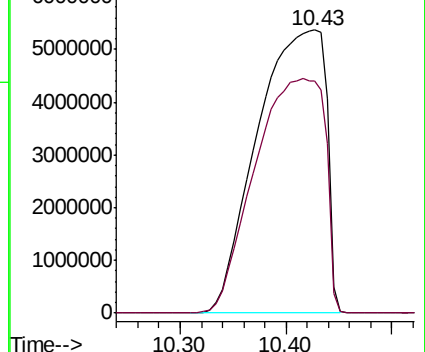
127 100

129 81.9 26.1 39.1#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#34

2-Methylnaphthalene

Concen: 197.188 ng/ul

RT: 11.99 min Scan# 1547

Delta R.T. 0.01 min

Lab File: BM023737.D

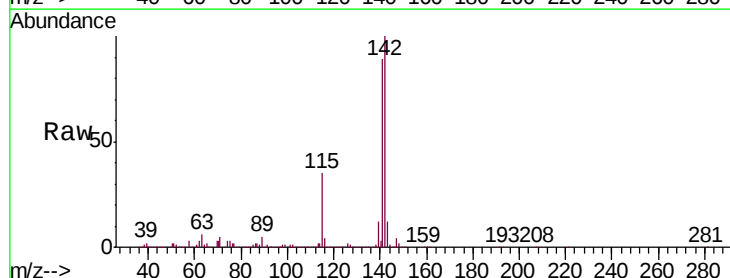
Acq: 15 Nov 2019 04:06

Tgt Ion:142 Resp:11297885

Ion Ratio Lower Upper

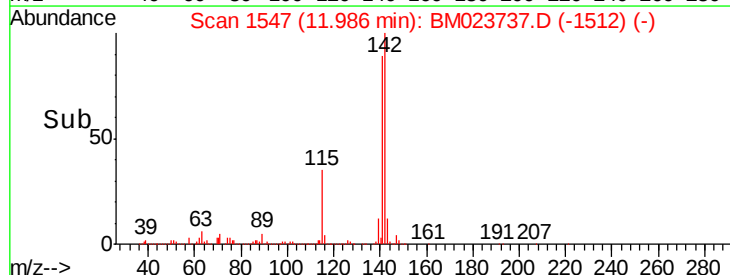
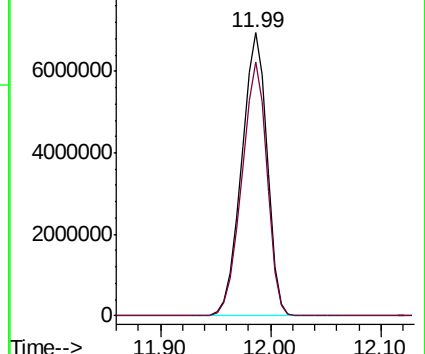
142 100

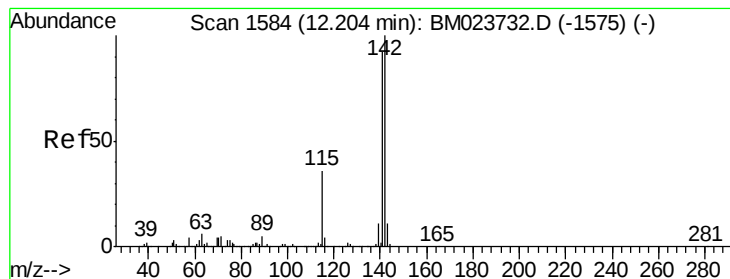
141 89.5 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#35

1-Methylnaphthalene

Concen: 291.385 ng/ul

RT: 12.21 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BM023737.D

Acq: 15 Nov 2019 04:06

Instrument :

BNA_M

ClientSampled :

BEGY7

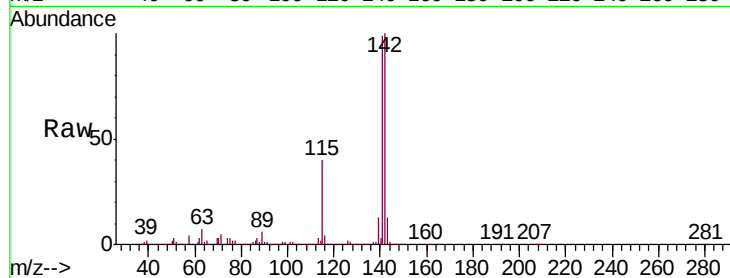
Tgt Ion:142 Resp:16465358

Ion Ratio Lower Upper

142 100

141 99.2 74.6 112.0

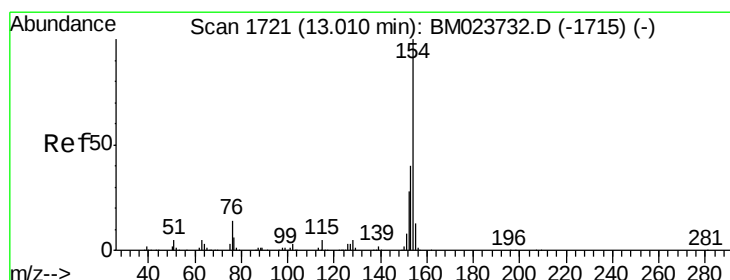
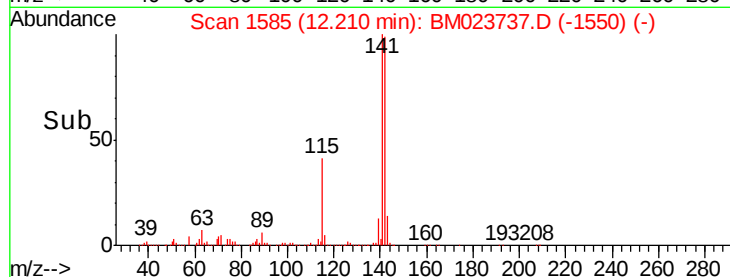
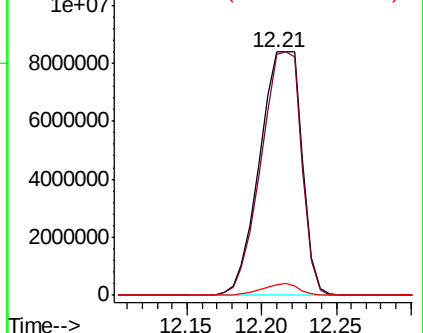
116 4.4 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#41

1,1'-Biphenyl

Concen: 94.480 ng/ul

RT: 13.02 min Scan# 1722

Delta R.T. 0.01 min

Lab File: BM023737.D

Acq: 15 Nov 2019 04:06

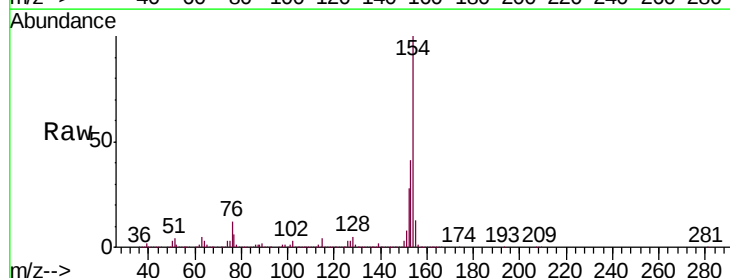
Tgt Ion:154 Resp: 6620939

Ion Ratio Lower Upper

154 100

153 41.4 32.3 48.5

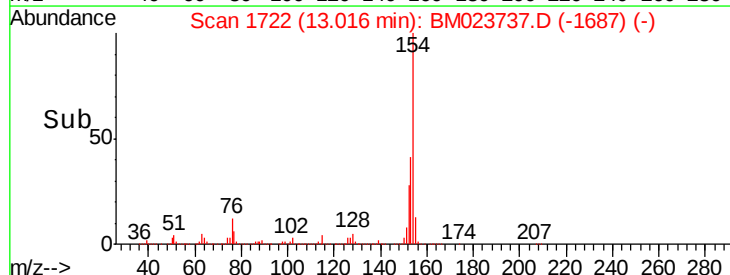
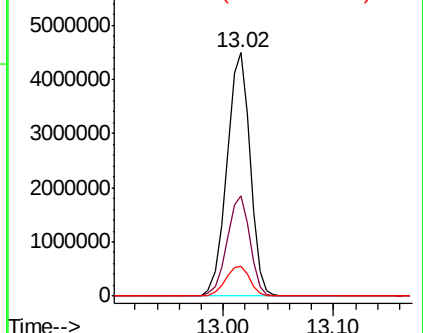
76 12.4 10.6 15.8

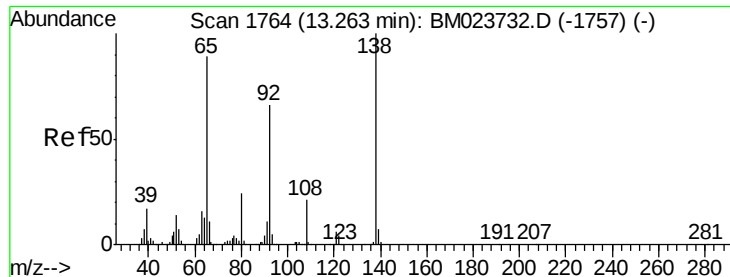


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E





#43

2-Nitroaniline

Concen: 1.232 ng/ul

RT: 13.21 min Scan# 1755

Delta R.T. -0.05 min

Lab File: BM023737.D

Acq: 15 Nov 2019 04:06

Instrument :

BNA_M

ClientSampleId :

BEGY7

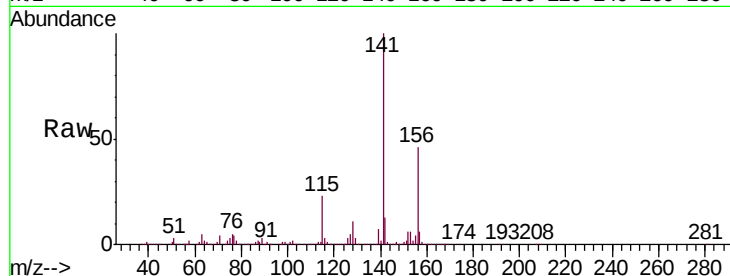
Tgt Ion: 65 Resp: 15809

Ion Ratio Lower Upper

65 100

92 9.9 60.4 90.6#

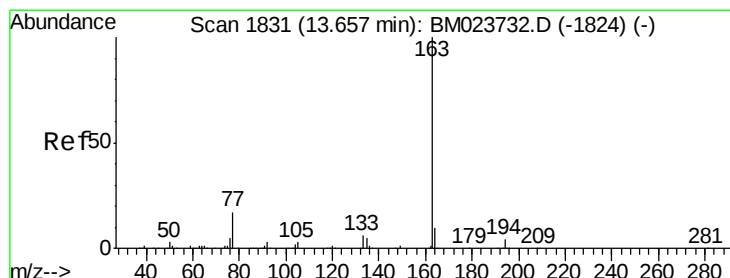
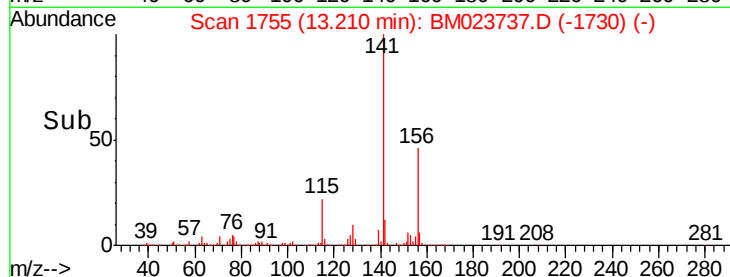
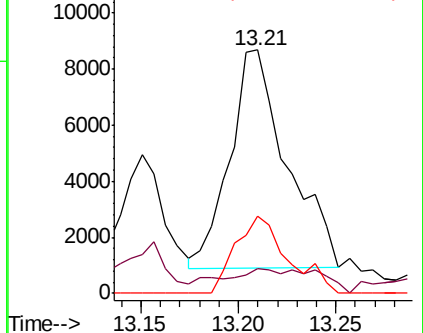
138 31.9 83.8 125.6#



Abundance Ion 65.00 (64.70 to 65.70): BM023737.D (-1757) (-)

Ion 92.00 (91.70 to 92.70): BM023737.D (-1757) (-)

Ion 138.00 (137.70 to 138.70): BM023737.D (-1757) (-)



#45

Dimethylphthalate

Concen: 1.415 ng/ul

RT: 13.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BM023737.D

Acq: 15 Nov 2019 04:06

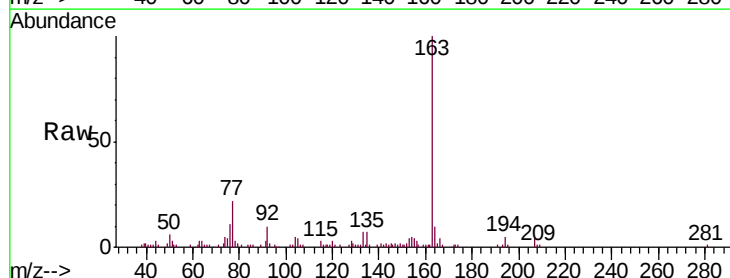
Tgt Ion: 163 Resp: 98222

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

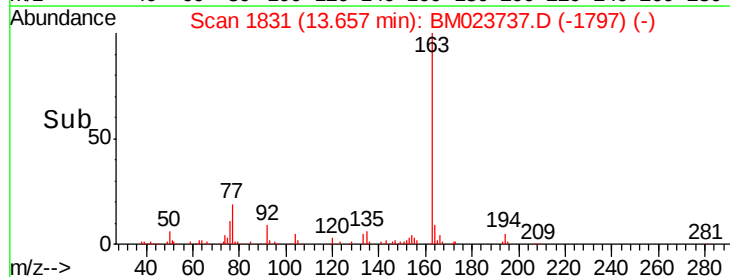
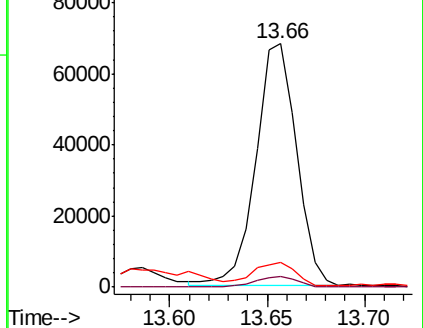
164 10.0 8.0 12.0

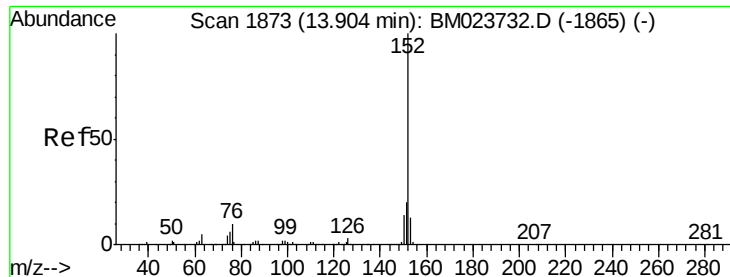


Abundance Ion 163.00 (162.70 to 163.70): BM023737.D (-1797) (-)

Ion 194.00 (193.70 to 194.70): BM023737.D (-1797) (-)

Ion 164.00 (163.70 to 164.70): BM023737.D (-1797) (-)





#48

Acenaphthylene

Concen: 3.000 ng/ul

RT: 13.90 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BM023737.D

Acq: 15 Nov 2019 04:06

Instrument :

BNA_M

ClientSampleId :

BEGY7

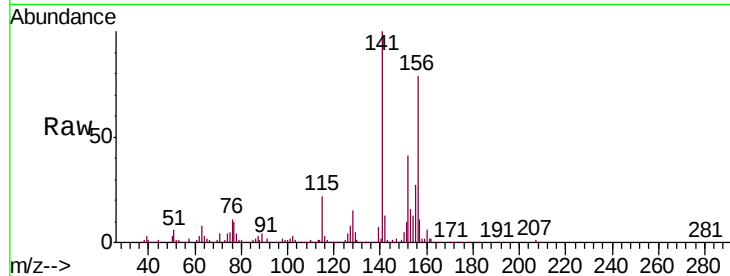
Tgt Ion:152 Resp: 244145

Ion Ratio Lower Upper

152 100

151 23.3 16.1 24.1

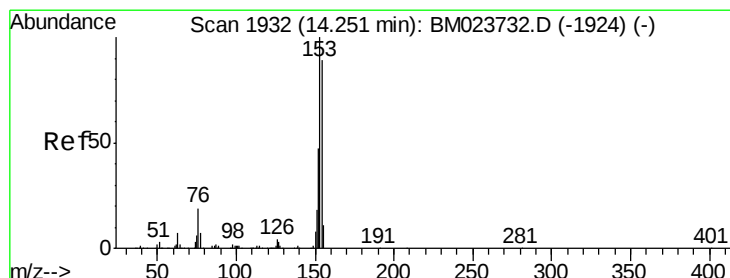
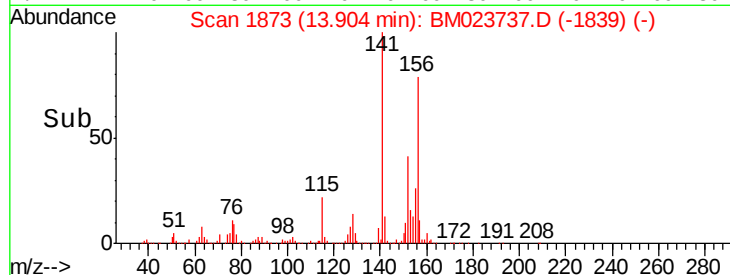
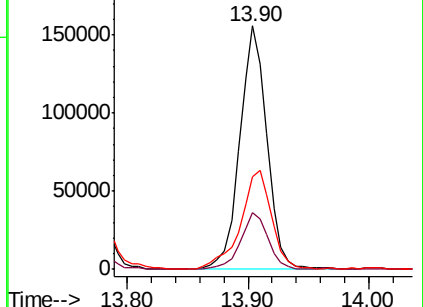
153 38.3 10.4 15.6#



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: 248.412 ng/ul

RT: 14.26 min Scan# 1933

Delta R.T. 0.01 min

Lab File: BM023737.D

Acq: 15 Nov 2019 04:06

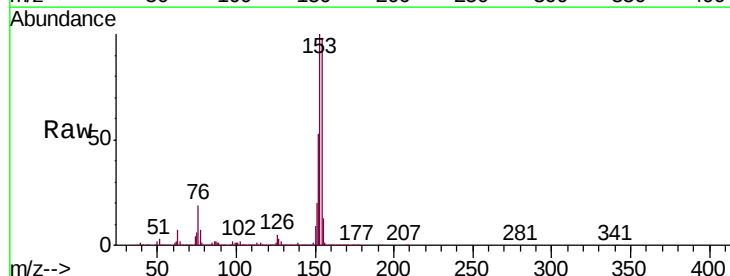
Tgt Ion:153 Resp:14347804

Ion Ratio Lower Upper

153 100

152 52.9 37.7 56.5

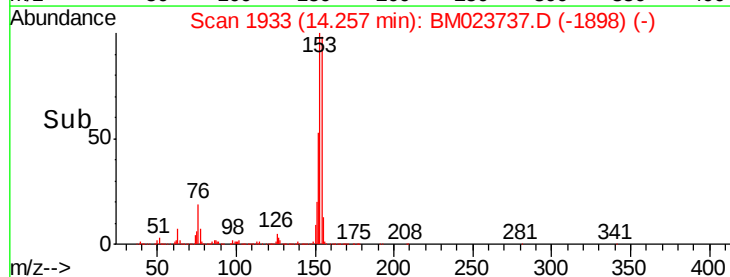
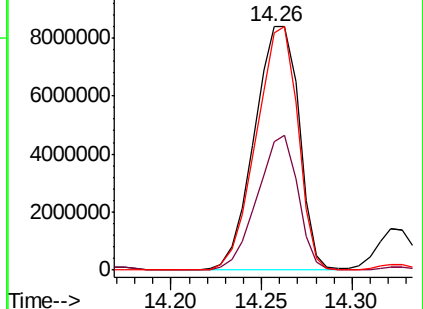
154 97.7 70.6 106.0

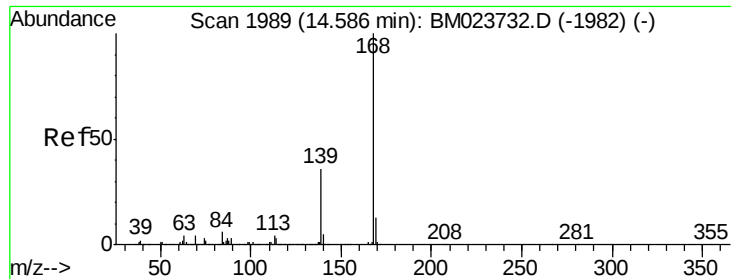


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 181.498 ng/ul

RT: 14.59 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BM023737.D

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ClientSampleId :

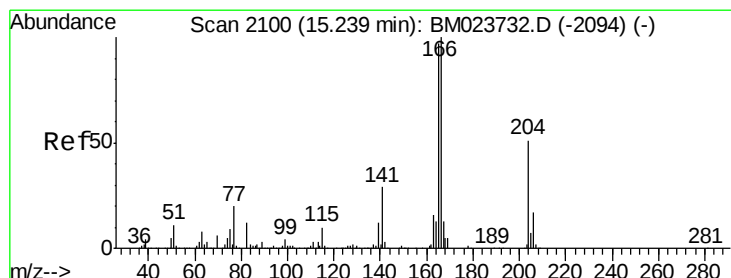
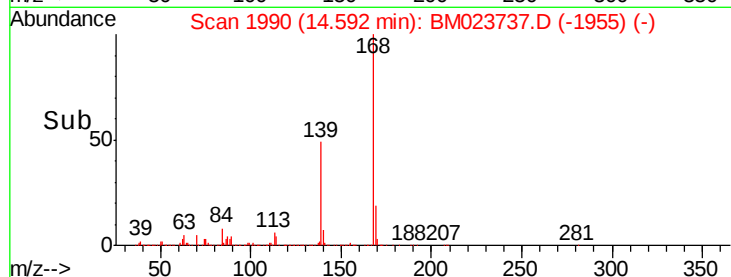
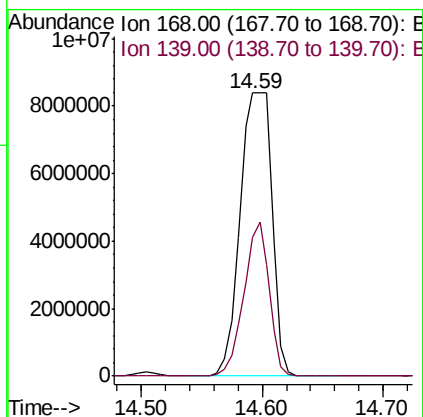
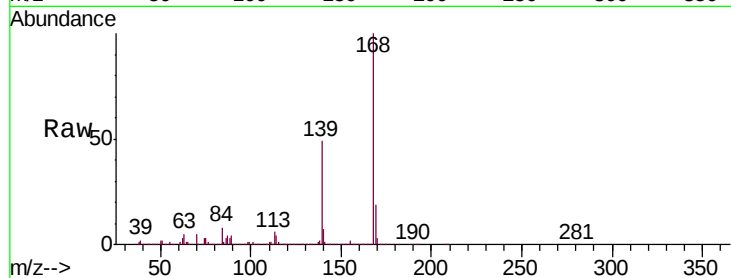
BEGY7

Tgt Ion:168 Resp:15518076

Ion Ratio Lower Upper

168 100

139 49.2 29.3 43.9#



#59

Fluorene

Concen: 158.973 ng/ul

RT: 15.25 min Scan# 2102

Delta R.T. 0.01 min

Lab File: BM023737.D

Acq: 15 Nov 2019 04:06

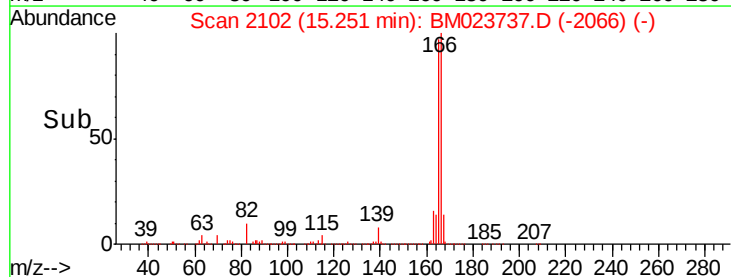
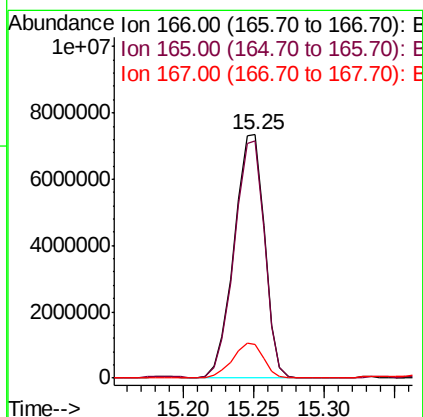
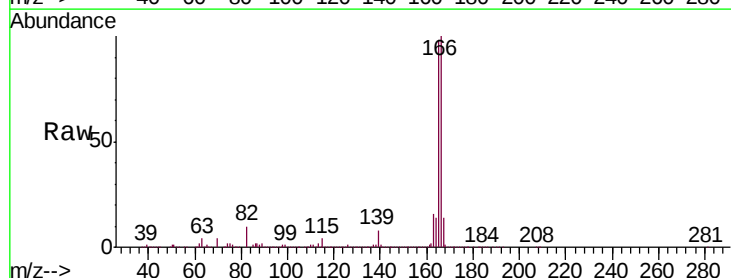
Tgt Ion:166 Resp:11027265

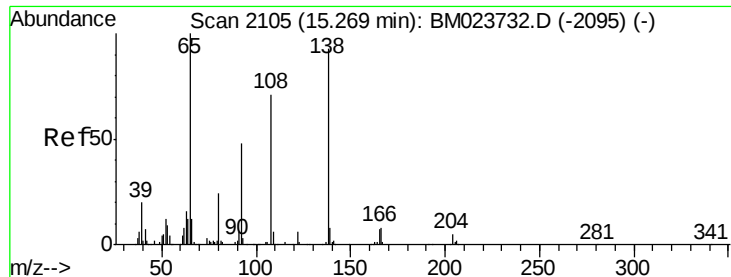
Ion Ratio Lower Upper

166 100

165 97.5 77.2 115.8

167 13.9 10.9 16.3

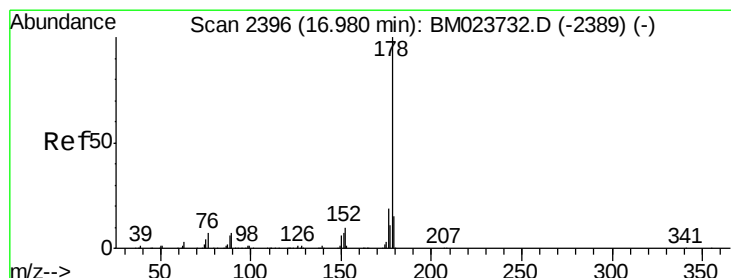
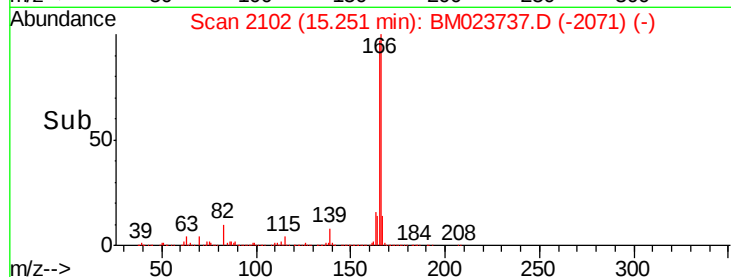
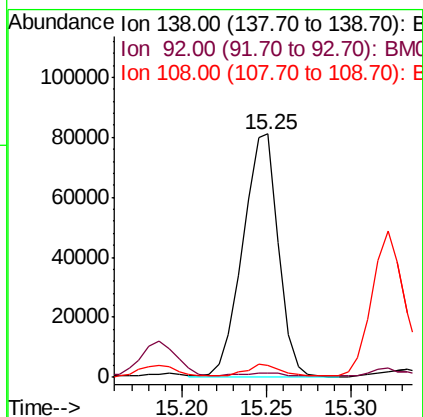
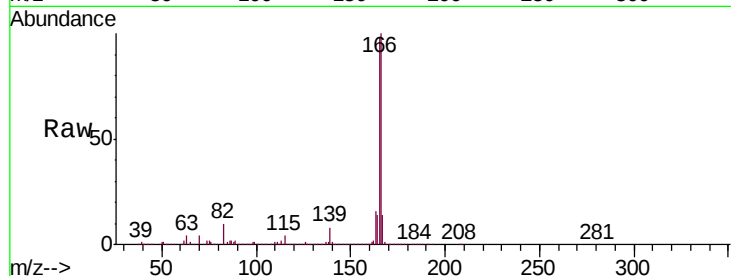




#61
4-Nitroaniline
Concen: 8.118 ng/ul
RT: 15.25 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BM023737.D
Acq: 15 Nov 2019 04:06

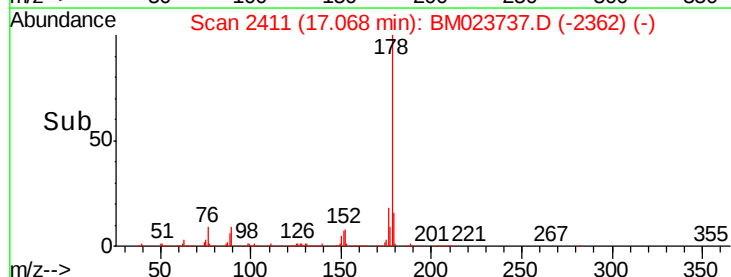
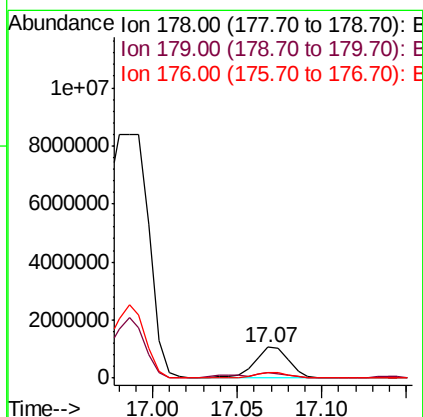
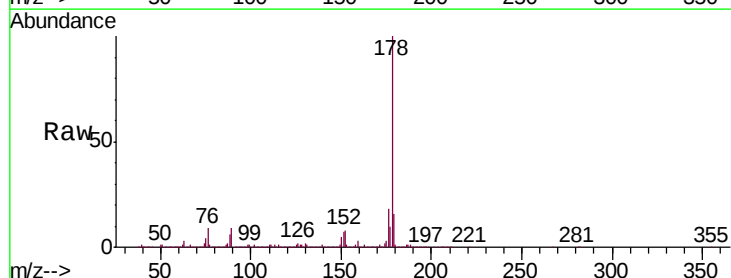
Instrument :
BNA_M
ClientSampled :
BEGY7

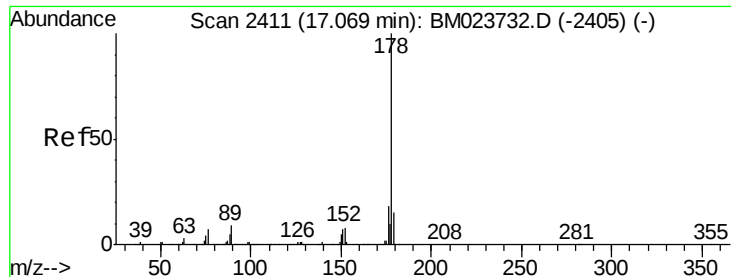
Tgt Ion	Ratio	Lower	Upper
138	100		
92	1.7	44.6	66.8#
108	5.1	66.2	99.4#



#70
Phenanthrene
Concen: 14.815 ng/ul
RT: 17.07 min Scan# 2411
Delta R.T. 0.09 min
Lab File: BM023737.D
Acq: 15 Nov 2019 04:06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	18.5	15.0	22.6





#72

Anthracene

Concen: 14.901 ng/ul

RT: 17.07 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BM023737.D

Acq: 15 Nov 2019 04:06

Instrument :

BNA_M

ClientSampleId :

BEGY7

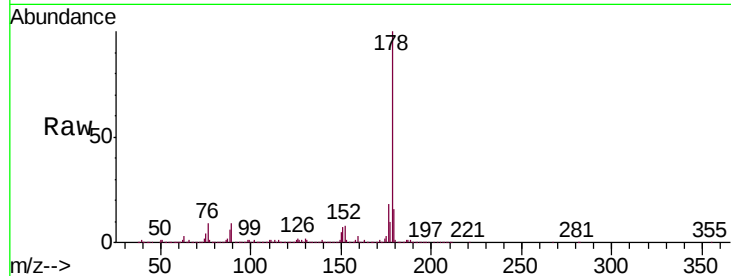
Tgt Ion:178 Resp: 1530756

Ion Ratio Lower Upper

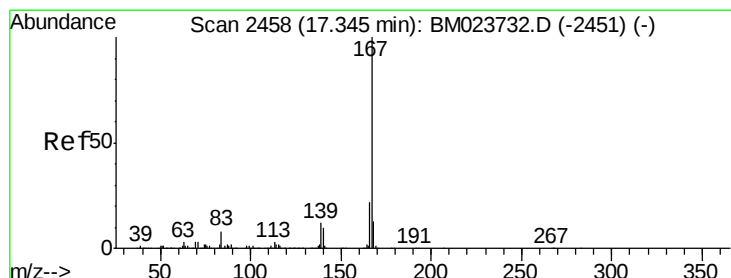
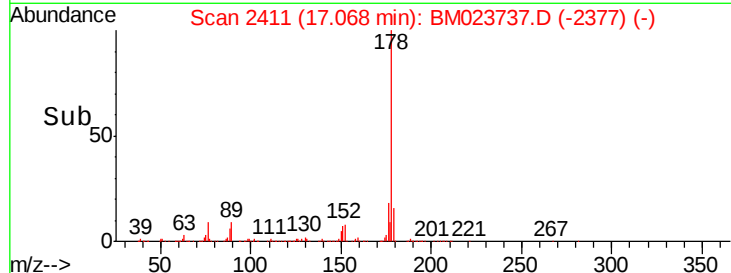
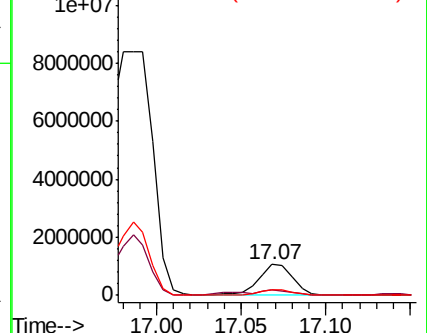
178 100

179 15.9 12.3 18.5

176 18.5 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: 177.118 ng/ul

RT: 17.35 min Scan# 2459

Delta R.T. 0.01 min

Lab File: BM023737.D

Acq: 15 Nov 2019 04:06

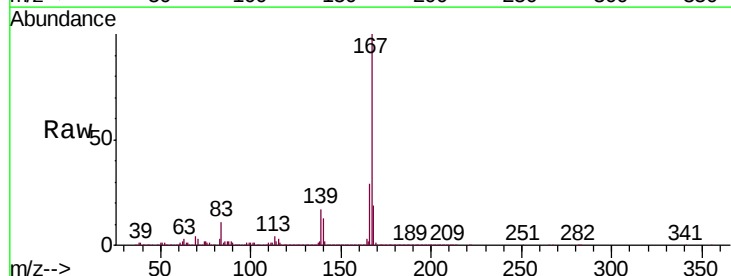
Tgt Ion:167 Resp:15166888

Ion Ratio Lower Upper

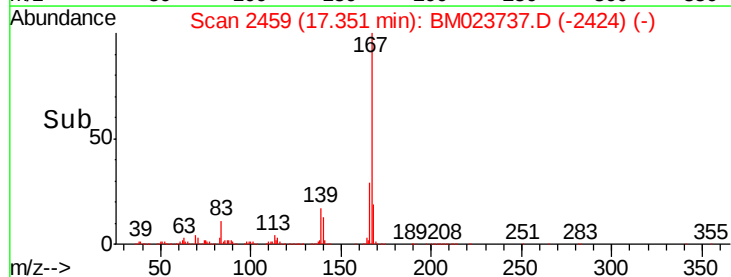
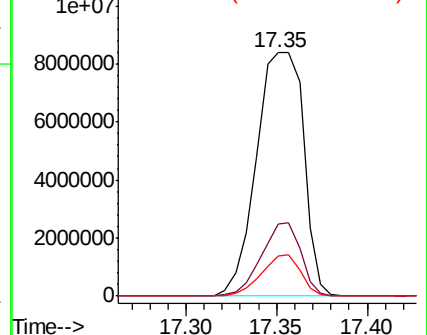
167 100

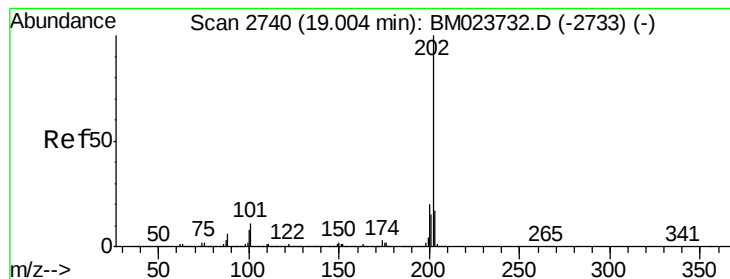
166 29.4 17.1 25.7#

139 16.7 9.8 14.6#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 20.124 ng/ul

RT: 19.00 min Scan# 2740

Delta R.T. -0.00 min

Lab File: BM023737.D

Acq: 15 Nov 2019 04:06

Instrument :

BNA_M

ClientSampleId :

BEGY7

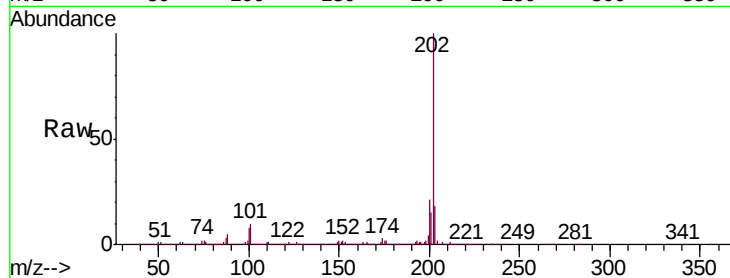
Tgt Ion:202 Resp: 2202577

Ion Ratio Lower Upper

202 100

101 10.2 7.7 11.5

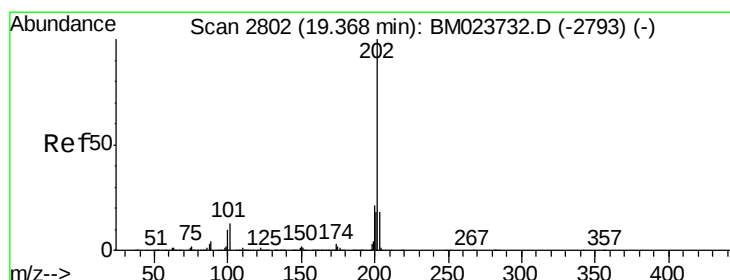
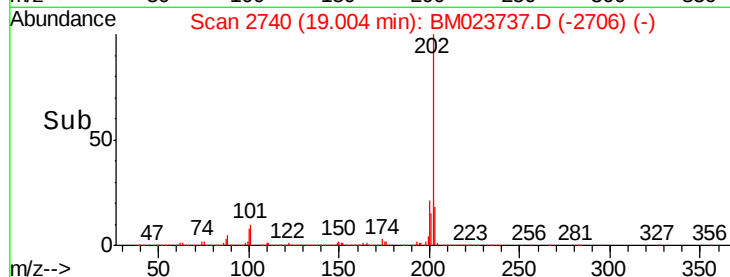
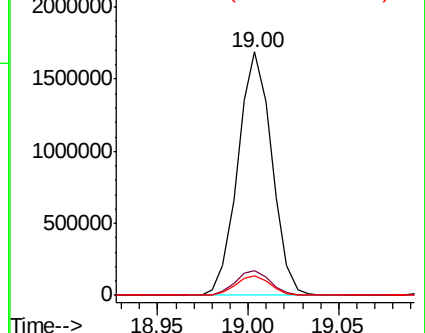
100 7.9 6.0 9.0



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: 10.885 ng/ul

RT: 19.37 min Scan# 2802

Delta R.T. -0.00 min

Lab File: BM023737.D

Acq: 15 Nov 2019 04:06

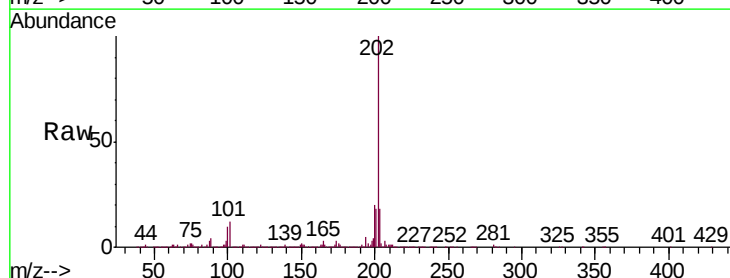
Tgt Ion:202 Resp: 1300250

Ion Ratio Lower Upper

202 100

101 12.0 9.8 14.6

100 10.0 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

