

Data File : BM023733.D
Acq On : 15 Nov 2019 01:42
Operator : JU
Sample : K5700-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEGW9

Quant Time: Nov 15 07:56:17 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	397934	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	1589607	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.19	164	988692	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	2011457	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	2035795	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2420303	20.00	ng/ul	0.00

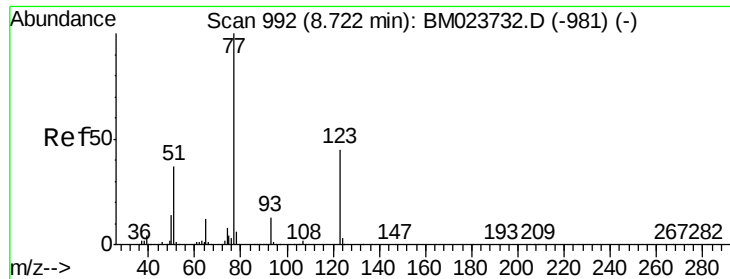
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	50427	5.22	ng/uL	0.00
5) Phenol-d5	6.72	99	206862	5.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	594372	28.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	654814	24.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	396424	13.70	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	438080	38.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	474329	39.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	815098	29.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	219676	7.34	ng/ul	0.02
44) Dimethylphthalate-d6	13.61	166	2575277	33.40	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	2983228	33.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	77241	5.87	ng/ul	0.00
58) Fluorene-d10	15.19	176	2224509	32.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	409350	35.18	ng/ul	0.00
71) Anthracene-d10	17.04	188	3400573	35.64	ng/ul	0.00
79) Pyrene-d10	19.34	212	3725972	35.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	4539940	35.65	ng/ul	0.00

Target Compounds

					Qvalue	
20) Nitrobenzene	8.70	77	51150	1.700	ng/ul#	1
30) 4-Chloroaniline	10.39	127	12173588	395.512	ng/ul#	10
34) 2-Methylnaphthalene	11.98	142	2809998	43.966	ng/ul	98
35) 1-Methylnaphthalene	12.21	142	8683128	137.752	ng/ul	99
41) 1,1'-Biphenyl	13.02	154	7292966	95.620	ng/ul	99
45) Dimethylphthalate	13.66	163	126442	1.673	ng/ul	100
48) Acenaphthylene	13.90	152	249444	2.816	ng/ul#	73
50) Acenaphthene	14.26	153	13507561	214.877	ng/ul	96
54) Dibenzofuran	14.59	168	15243800	163.814	ng/ul#	85
55) 2,4-Dinitrotoluene	14.56	165	22863	1.087	ng/ul#	49
59) Fluorene	15.24	166	7632647	101.101	ng/ul	99
70) Phenanthrene	16.99	178	9042156	81.612	ng/ul	99
72) Anthracene	17.07	178	989516	8.882	ng/ul	99
75) Carbazole	17.35	167	16163265	174.045	ng/ul#	86
77) Fluoranthene	19.00	202	1155335	9.733	ng/ul	98
80) Pyrene	19.37	202	595516	4.526	ng/ul	99

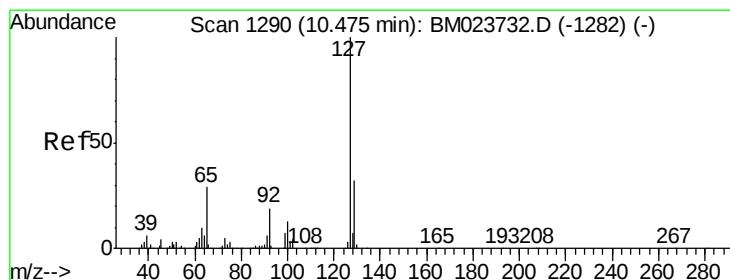
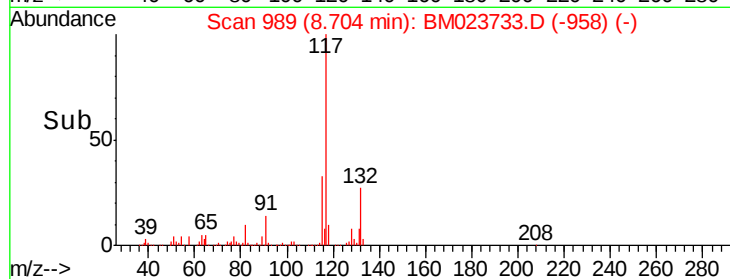
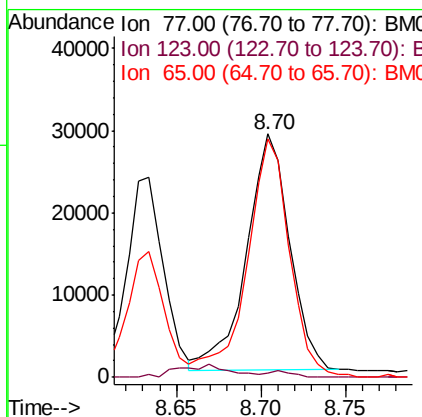
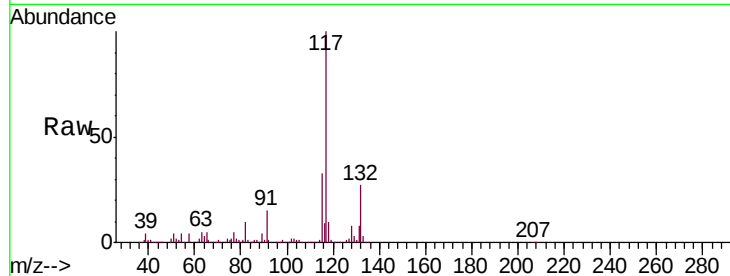
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#20
Nitrobenzene
Concen: 1.700 ng/ul
RT: 8.70 min Scan# 989
Delta R.T. -0.02 min
Lab File: BM023733.D
Acq: 15 Nov 2019 01:42

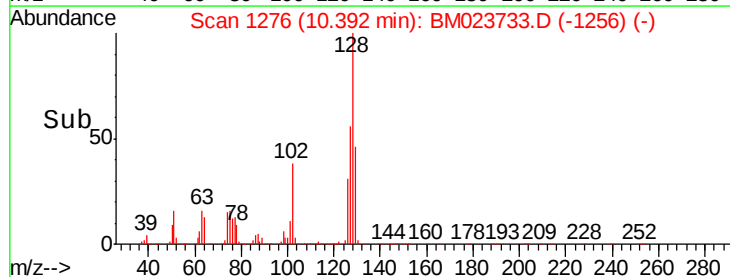
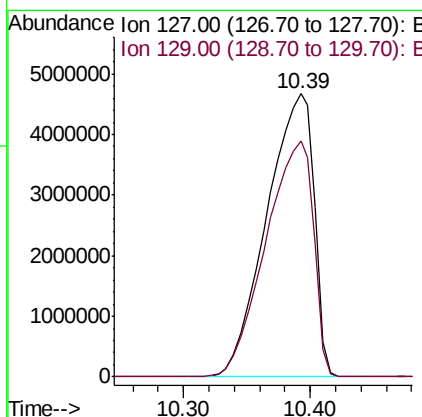
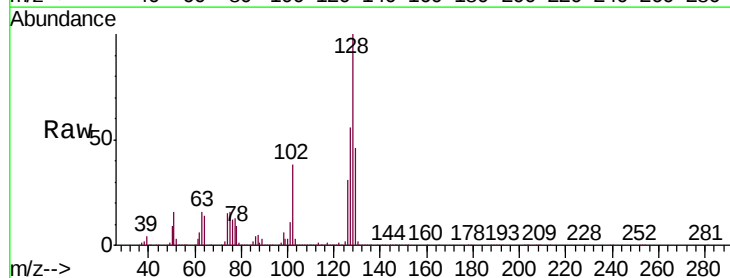
Instrument :
BNA_M
ClientSampleId :
BEGW9

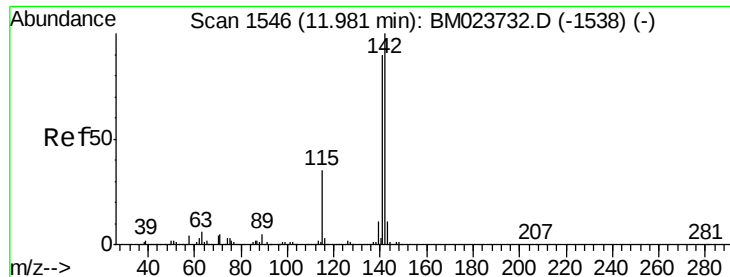
Tgt Ion	Ratio	Lower	Upper
77	100		
123	1.6	33.1	49.7#
65	98.1	9.8	14.8#



#30
4-Chloroaniline
Concen: 395.512 ng/ul
RT: 10.39 min Scan# 1276
Delta R.T. -0.08 min
Lab File: BM023733.D
Acq: 15 Nov 2019 01:42

Tgt Ion	Ratio	Lower	Upper
127	100		
129	83.3	26.1	39.1#

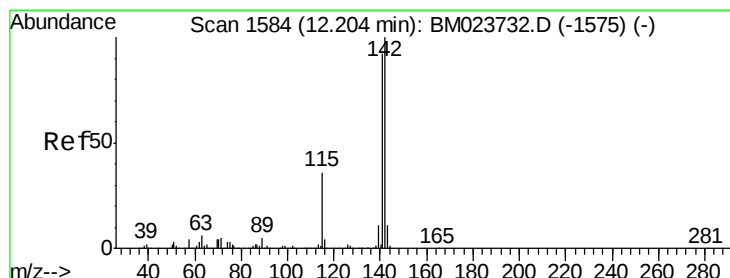
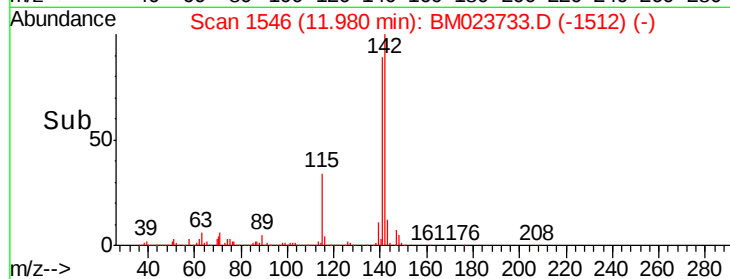
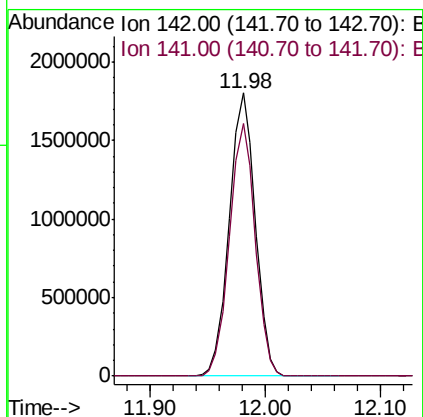
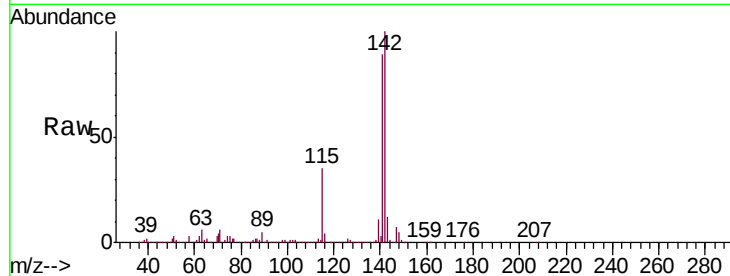




#34
 2-Methylnaphthalene
 Concen: 43.966 ng/ul
 RT: 11.98 min Scan# 1546
 Delta R.T. -0.00 min
 Lab File: BM023733.D
 Acq: 15 Nov 2019 01:42

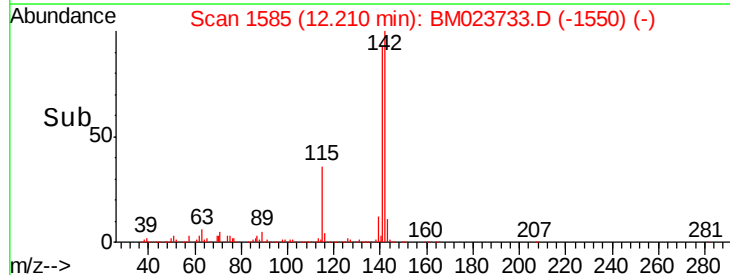
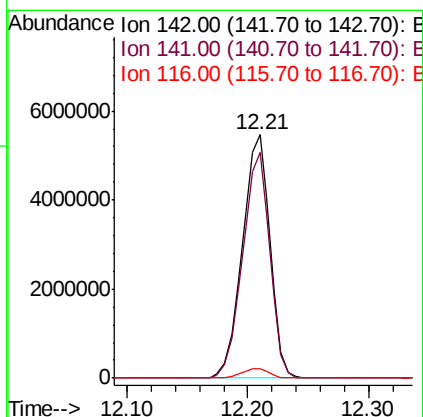
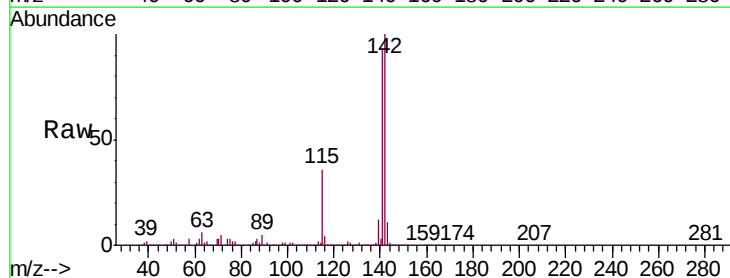
Instrument :
 BNA_M
 ClientSampleId :
 BEGW9

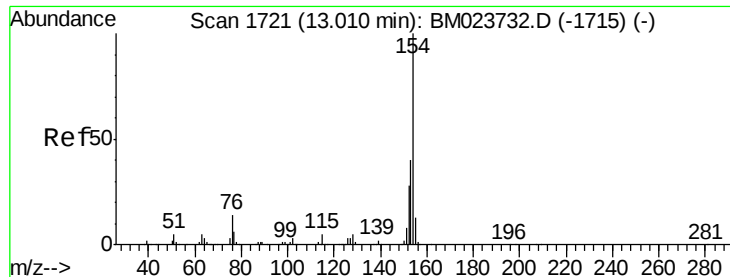
Tgt Ion:142 Resp: 2809998
 Ion Ratio Lower Upper
 142 100
 141 89.2 69.8 104.8



#35
 1-Methylnaphthalene
 Concen: 137.752 ng/ul
 RT: 12.21 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BM023733.D
 Acq: 15 Nov 2019 01:42

Tgt Ion:142 Resp: 8683128
 Ion Ratio Lower Upper
 142 100
 141 92.6 74.6 112.0
 116 3.8 3.2 4.8

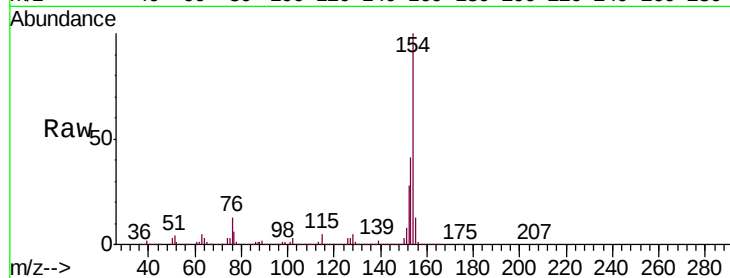




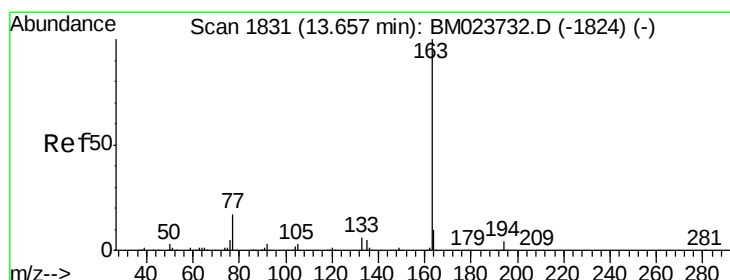
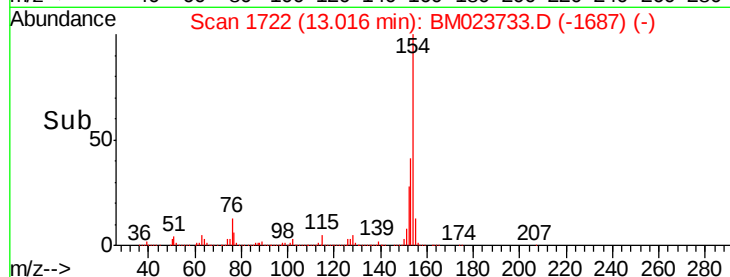
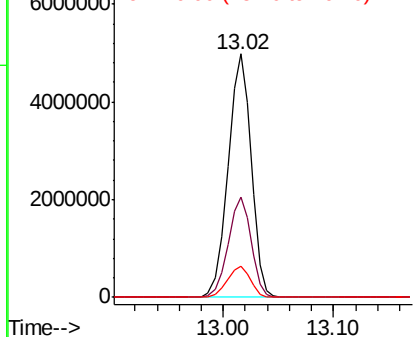
#41
1,1'-Biphenyl
Concen: 95.620 ng/ul
RT: 13.02 min Scan# 1722
Delta R.T. 0.01 min
Lab File: BM023733.D
Acq: 15 Nov 2019 01:42

Instrument :
BNA_M
ClientSampleId :
BEGW9

Tgt Ion:154 Resp: 7292966
Ion Ratio Lower Upper
154 100
153 41.3 32.3 48.5
76 12.7 10.6 15.8

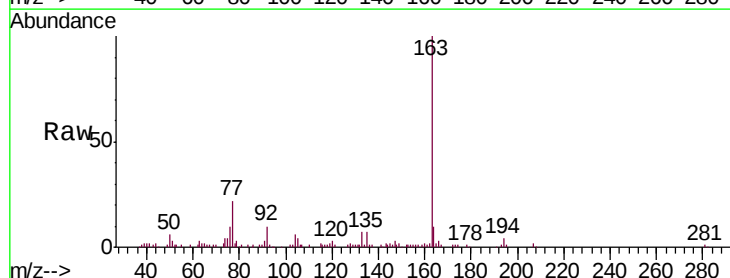


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

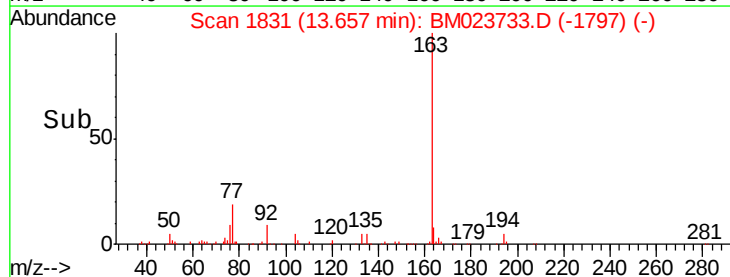
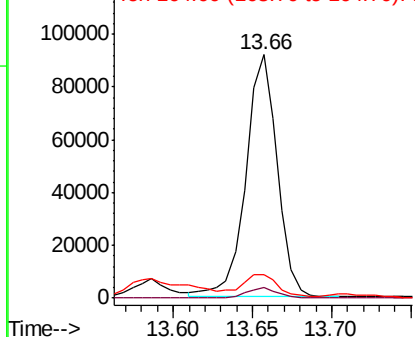


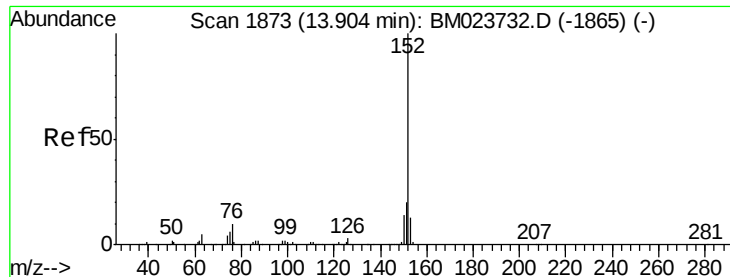
#45
Dimethylphthalate
Concen: 1.673 ng/ul
RT: 13.66 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BM023733.D
Acq: 15 Nov 2019 01:42

Tgt Ion:163 Resp: 126442
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 9.8 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





#48

Acenaphthylene

Concen: 2.816 ng/ul

RT: 13.90 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BM023733.D

Acq: 15 Nov 2019 01:42

Instrument :

BNA_M

ClientSampleId :

BEGW9

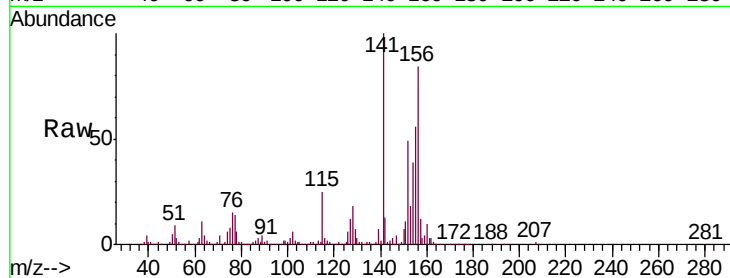
Tgt Ion:152 Resp: 249444

Ion Ratio Lower Upper

152 100

151 22.4 16.1 24.1

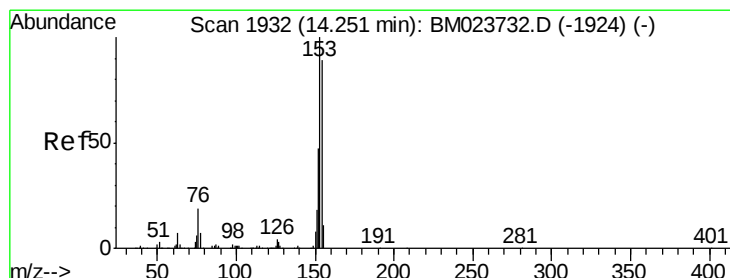
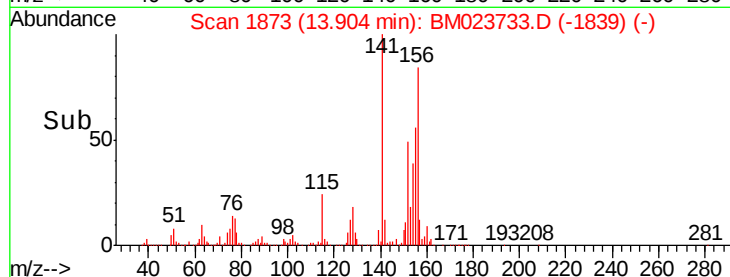
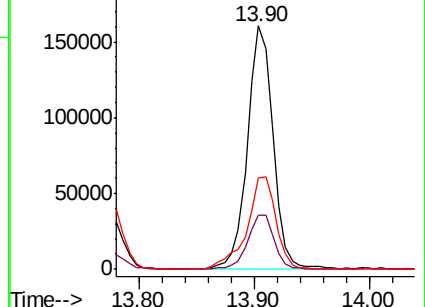
153 37.4 10.4 15.6#



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: 214.877 ng/ul

RT: 14.26 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BM023733.D

Acq: 15 Nov 2019 01:42

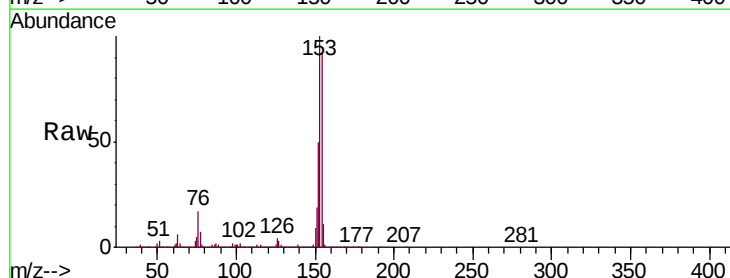
Tgt Ion:153 Resp:13507561

Ion Ratio Lower Upper

153 100

152 49.5 37.7 56.5

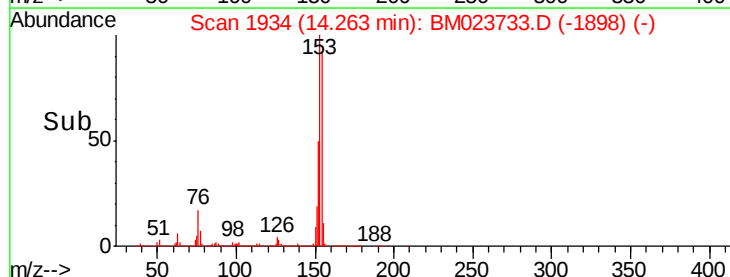
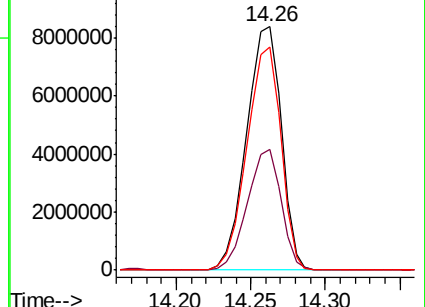
154 91.6 70.6 106.0

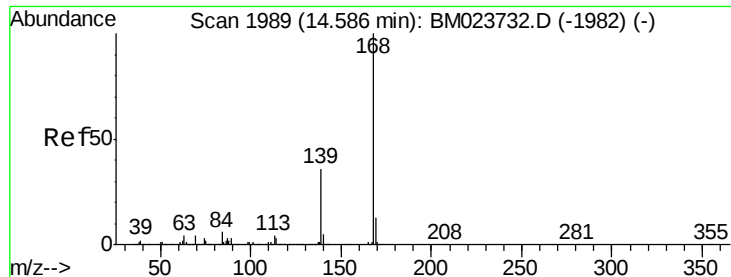


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 163.814 ng/ul

RT: 14.59 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BM023733.D

Acq: 15 Nov 2019 01:42

Instrument :

BNA_M

ClientSampleId :

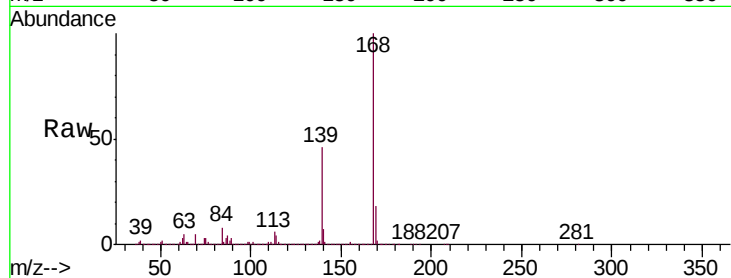
BEGW9

Tgt Ion:168 Resp:15243800

Ion Ratio Lower Upper

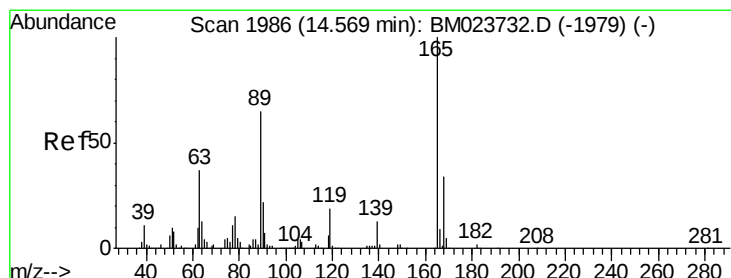
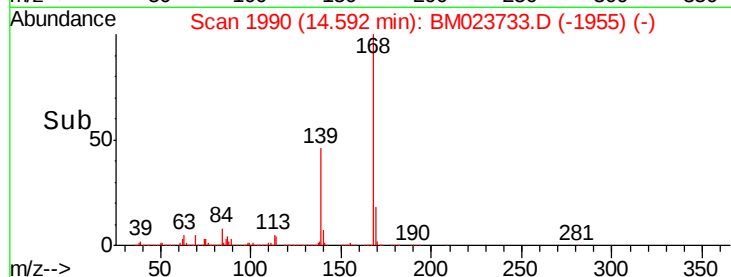
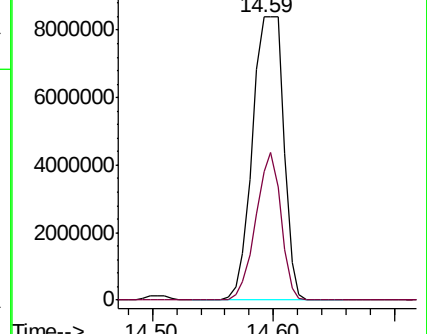
168 100

139 45.6 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: 1.087 ng/ul

RT: 14.56 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM023733.D

Acq: 15 Nov 2019 01:42

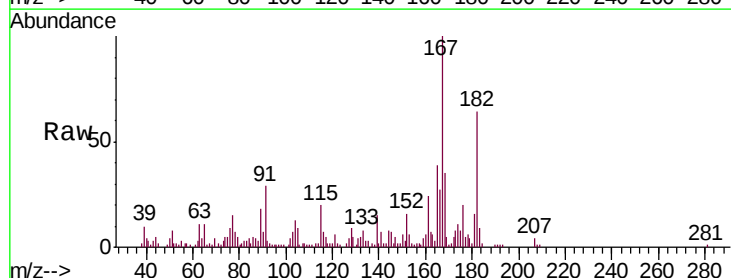
Tgt Ion:165 Resp: 22863

Ion Ratio Lower Upper

165 100

63 28.0 31.0 46.6#

182 164.7 2.4 3.6#



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

