

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\NOT REVIEWED DATA\
 Data File : BM023752.D
 Acq On : 15 Nov 2019 13:12
 Operator : JU
 Sample : K5700-10DL2 50X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEGY9DL2

Quant Time: Nov 15 15:04:00 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	7.52	152	448952	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1813670	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	1117377	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	2339083	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2339667	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2767660	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	325	0.03	ng/uL	0.00
5) Phenol-d5	6.73	99	2407	0.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	9497	0.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	8665	0.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	4321	0.13	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	4910	0.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	3721	0.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	8821	0.28	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	1063	0.03	ng/ul	0.01
44) Dimethylphthalate-d6	13.60	166	38985	0.45	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	36183	0.36	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.18	176	34938	0.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	1577	0.12	ng/ul	0.00
71) Anthracene-d10	17.03	188	60072	0.54	ng/ul	0.00
79) Pyrene-d10	19.33	212	59490	0.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	65071	0.45	ng/ul	0.00

Target Compounds

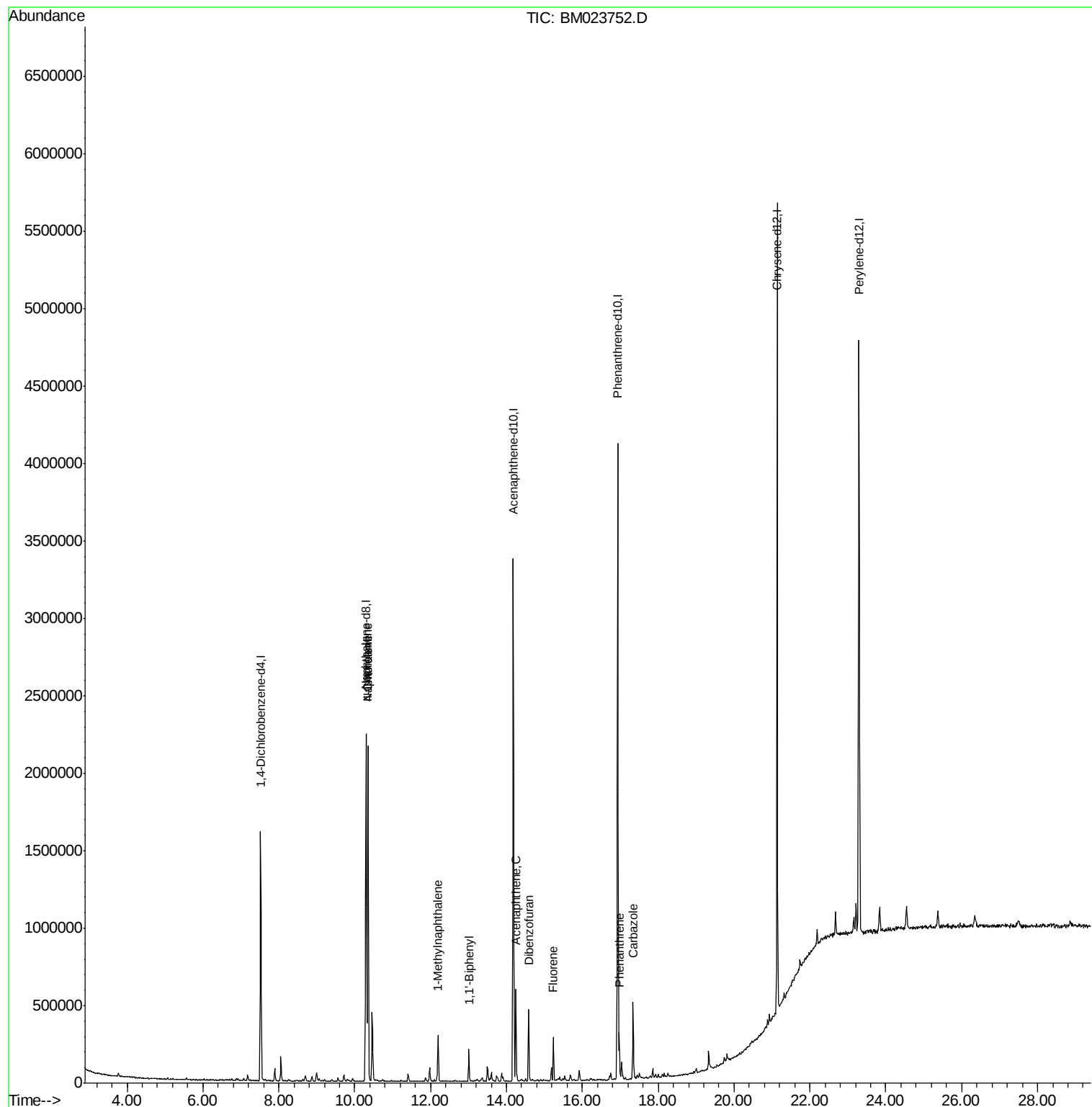
					Qvalue	
28) Naphthalene	10.35	128	1810483	18.992	ng/ul	100
30) 4-Chloroaniline	10.35	127	236779	6.742	ng/ul#	11
35) 1-Methylnaphthalene	12.20	142	143812	2.000	ng/ul	98
41) 1,1'-Biphenyl	13.01	154	113226	1.314	ng/ul	97
50) Acenaphthene	14.25	153	235073	3.309	ng/ul	99
54) Dibenzofuran	14.59	168	306894	2.918	ng/ul	99
59) Fluorene	15.24	166	123197	1.444	ng/ul	99
70) Phenanthrene	16.97	178	159697	1.239	ng/ul	100
75) Carbazole	17.34	167	306076	2.834	ng/ul	99

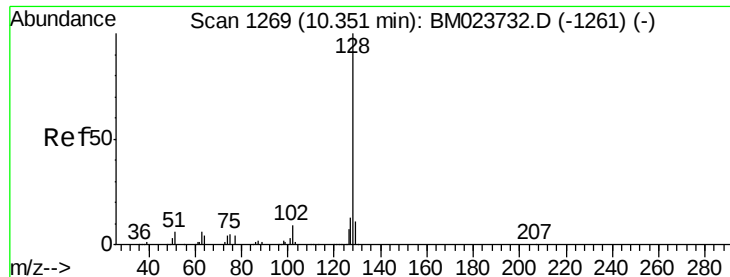
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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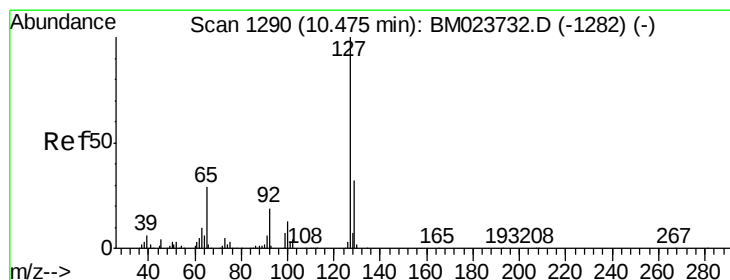
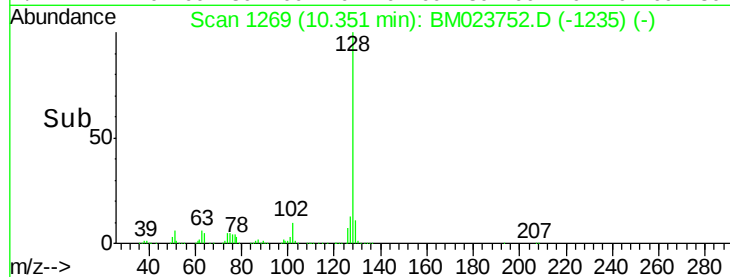
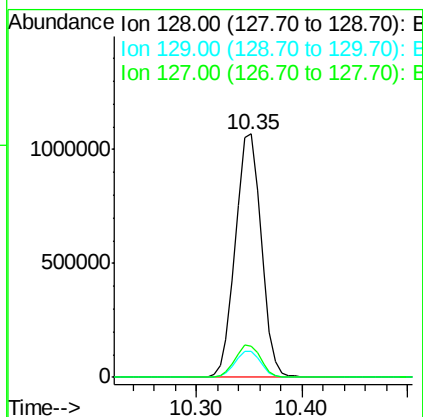
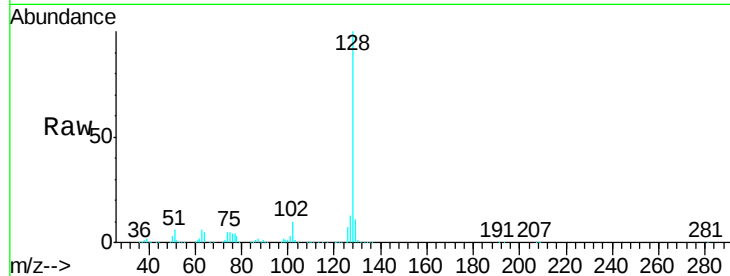




#28
Naphthalene
Concen: 18.992 ng/ul
RT: 10.35 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM023752.D
Acq: 15 Nov 2019 13:12

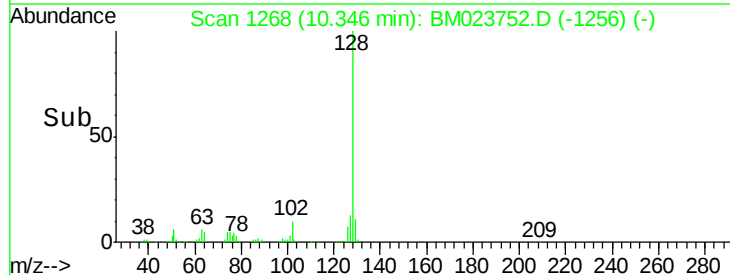
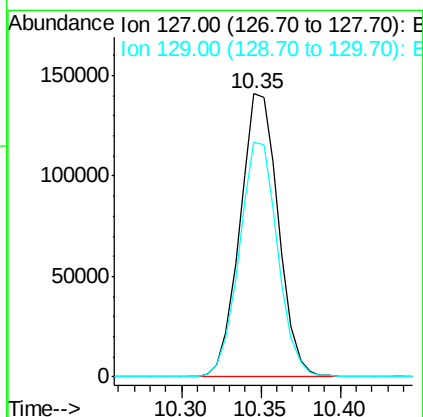
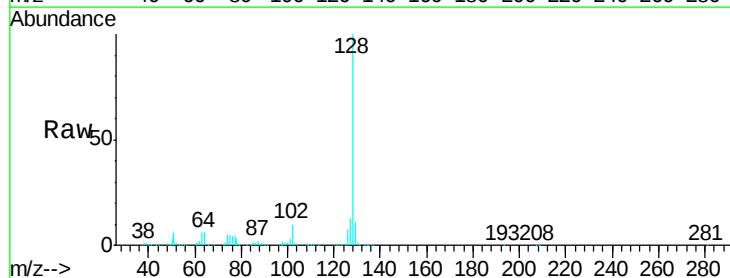
Instrument :
BNA_M
ClientSampleId :
BEGY9DL2

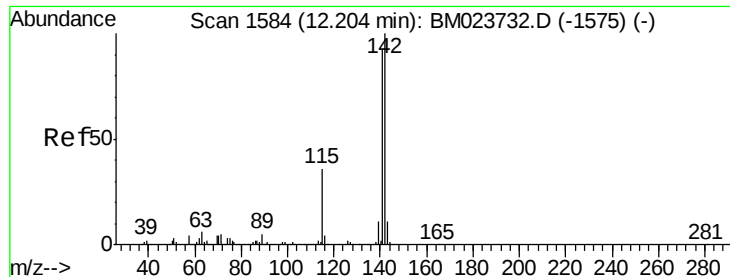
Tgt Ion:128 Resp: 1810483
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.0 10.6 16.0



#30
4-Chloroaniline
Concen: 6.742 ng/ul
RT: 10.35 min Scan# 1268
Delta R.T. -0.13 min
Lab File: BM023752.D
Acq: 15 Nov 2019 13:12

Tgt Ion:127 Resp: 236779
Ion Ratio Lower Upper
127 100
129 82.9 26.1 39.1#





#35

1-Methylnaphthalene

Concen: 2.000 ng/ul

RT: 12.20 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BM023752.D

Acq: 15 Nov 2019 13:12

Instrument :

BNA_M

ClientSampleId :

BEGY9DL2

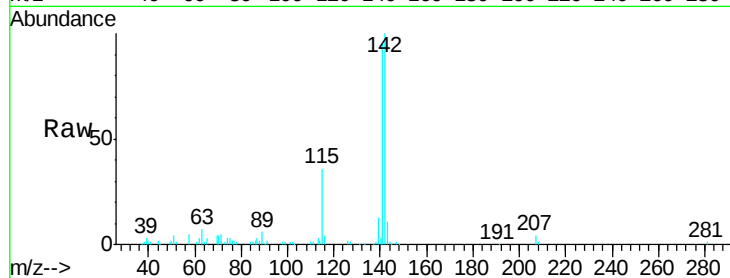
Tgt Ion:142 Resp: 143812

Ion Ratio Lower Upper

142 100

141 95.1 74.6 112.0

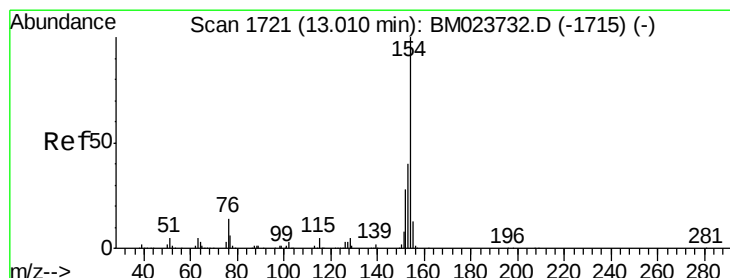
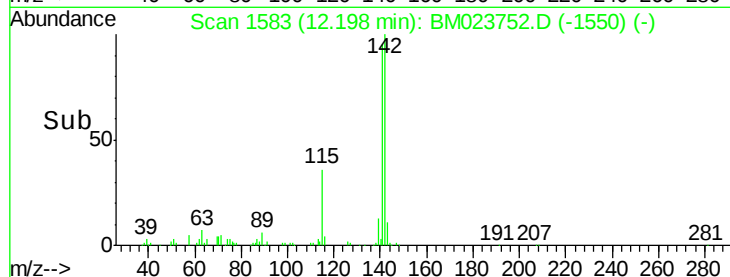
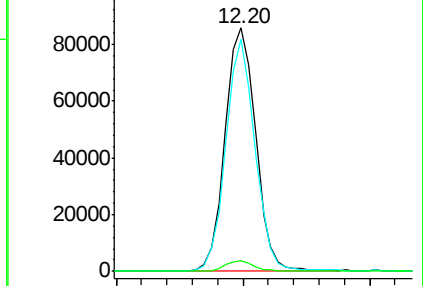
116 4.2 3.2 4.8



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: 1.314 ng/ul

RT: 13.01 min Scan# 1721

Delta R.T. 0.00 min

Lab File: BM023752.D

Acq: 15 Nov 2019 13:12

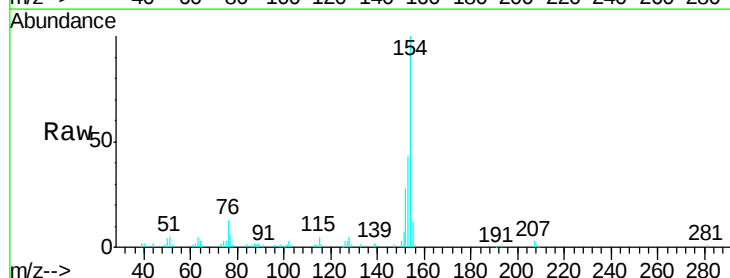
Tgt Ion:154 Resp: 113226

Ion Ratio Lower Upper

154 100

153 42.7 32.3 48.5

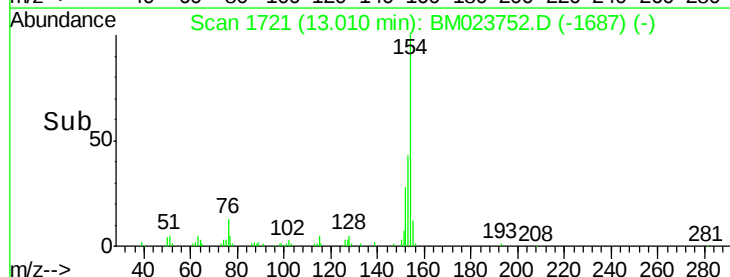
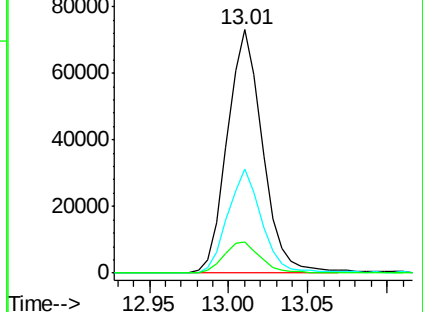
76 12.8 10.6 15.8

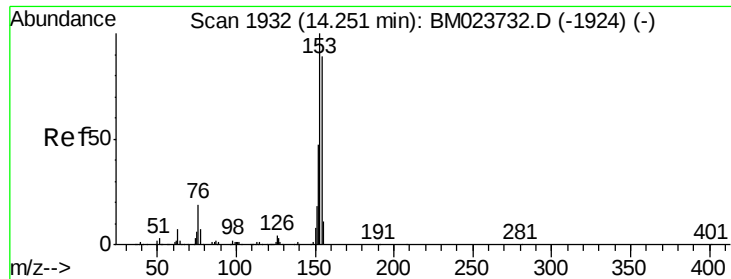


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





#50

Acenaphthene

Concen: 3.309 ng/ul

RT: 14.25 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BM023752.D

Acq: 15 Nov 2019 13:12

Instrument :

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ClientSampleId :

BEGY9DL2

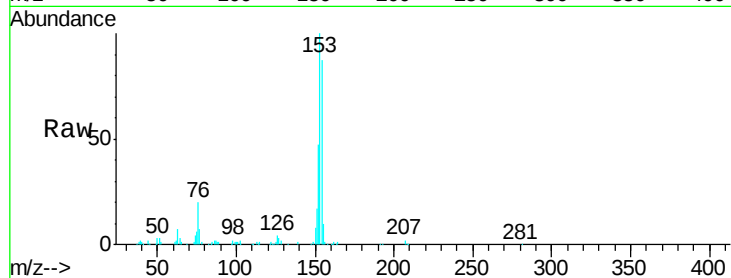
Tgt Ion:153 Resp: 235073

Ion Ratio Lower Upper

153 100

152 46.9 37.7 56.5

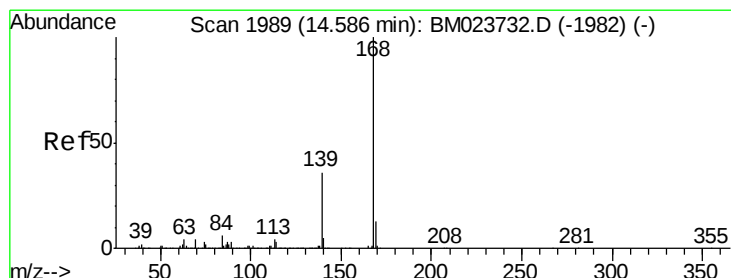
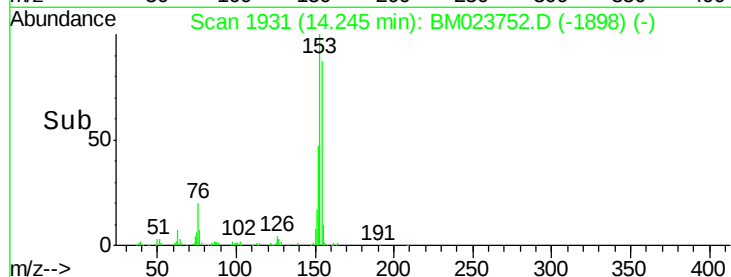
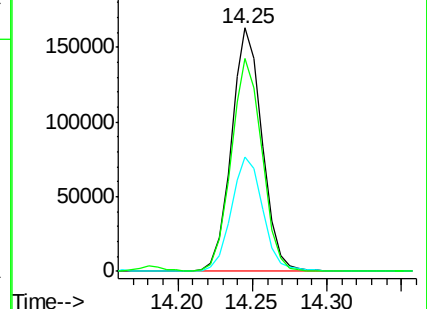
154 87.2 70.6 106.0



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

Dibenzofuran

Concen: 2.918 ng/ul

RT: 14.59 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BM023752.D

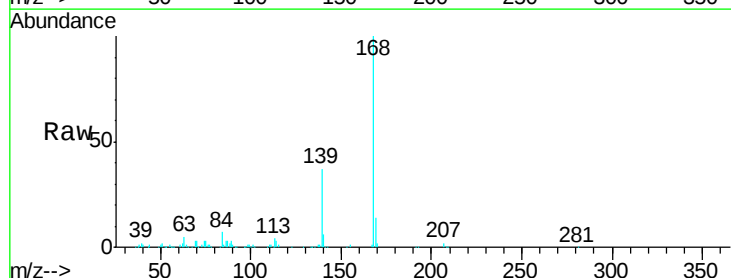
Acq: 15 Nov 2019 13:12

Tgt Ion:168 Resp: 306894

Ion Ratio Lower Upper

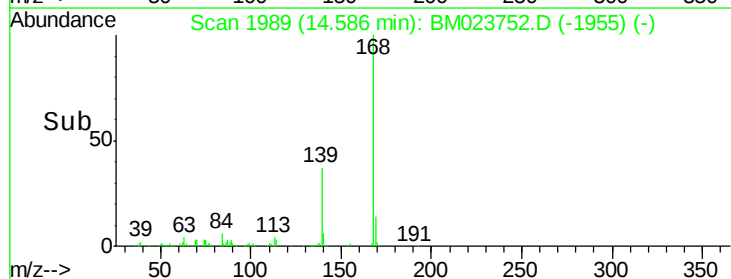
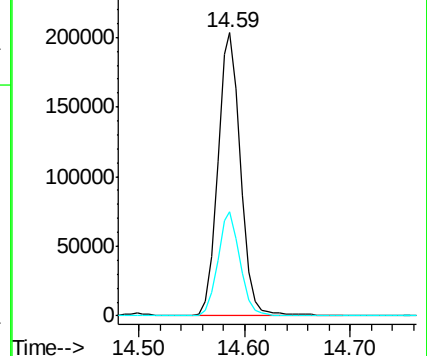
168 100

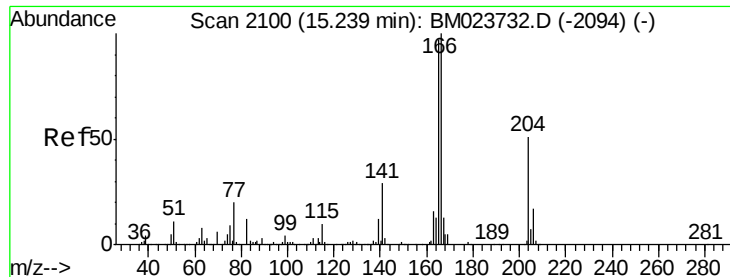
139 37.0 29.3 43.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 1.444 ng/ul

RT: 15.24 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BM023752.D

Acq: 15 Nov 2019 13:12

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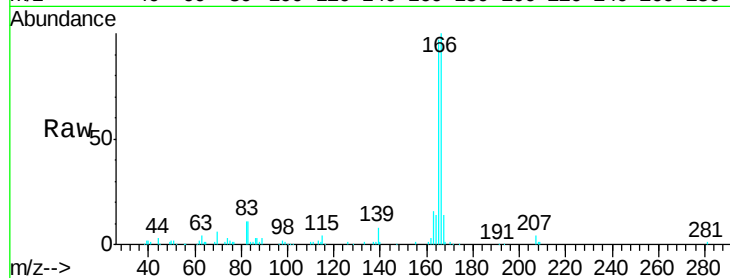
Tgt Ion:166 Resp: 123197

Ion Ratio Lower Upper

166 100

165 97.1 77.2 115.8

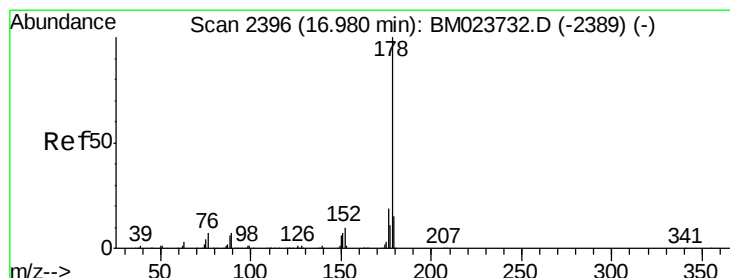
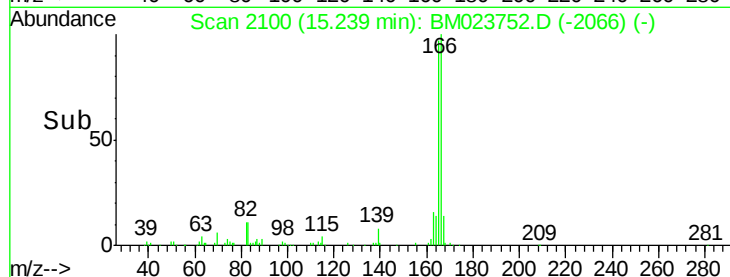
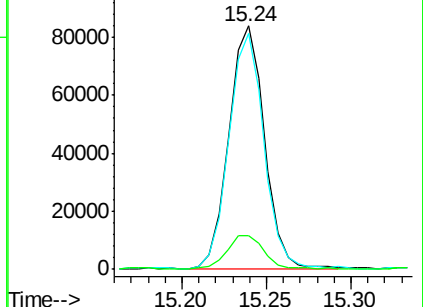
167 14.0 10.9 16.3



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



#70

Phenanthrene

Concen: 1.239 ng/ul

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BM023752.D

Acq: 15 Nov 2019 13:12

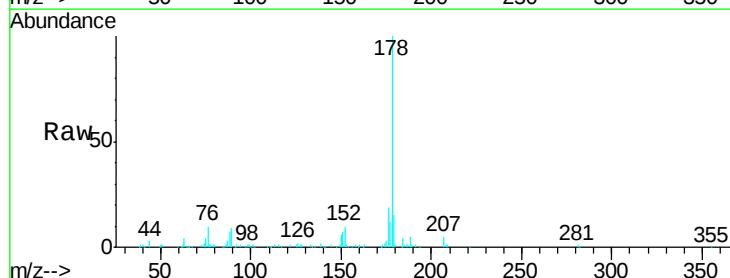
Tgt Ion:178 Resp: 159697

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

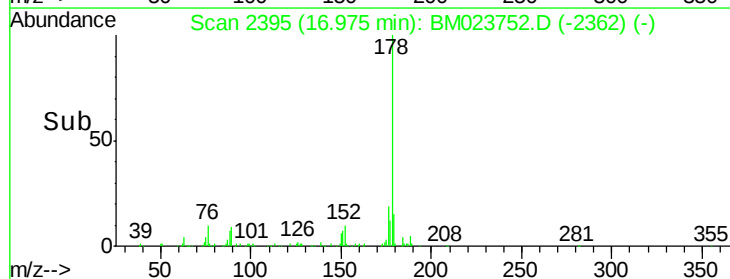
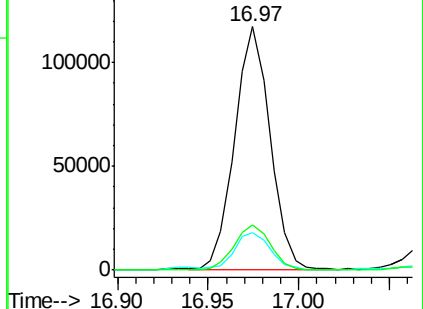
176 18.7 15.0 22.6

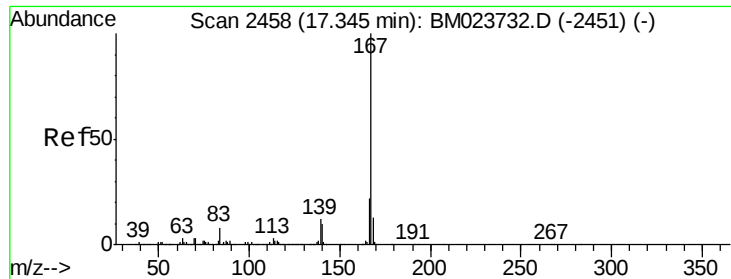


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 2.834 ng/ul

RT: 17.34 min Scan# 2457

Delta R.T. -0.01 min

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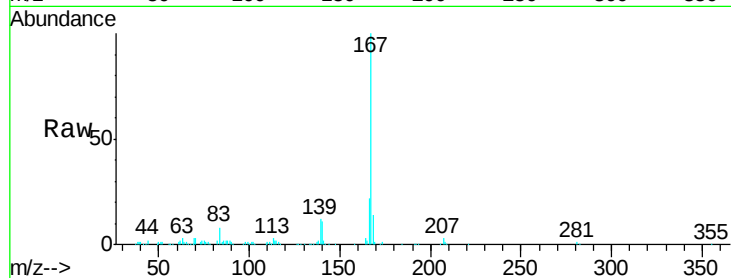
Tgt Ion:167 Resp: 306076

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

139 12.4 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

