

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\
 Data File : BM023753.D
 Acq On : 15 Nov 2019 14:54
 Operator : JU
 Sample : K5700-15DL2 100X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEGY7DL2

Quant Time: Nov 15 16:21:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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	430062	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1735500	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	1070627	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	2232774	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	2238089	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	2663306	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	215	0.02	ng/uL	-0.01
5) Phenol-d5	6.73	99	627	0.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	4609	0.20	ng/ul	0.01
9) 2-Chlorophenol-d4	7.07	132	4020	0.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	1921	0.06	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	2560	0.21	ng/ul	0.01
22) 2-Nitrophenol-d4	9.41	143	2213	0.17	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.95	165	5016	0.17	ng/ul	0.01
29) 4-Chloroaniline-d4	10.43	131	1759	0.05	ng/ul	-0.01
44) Dimethylphthalate-d6	13.61	166	19417	0.23	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	19288	0.20	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.19	176	18229	0.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.03	188	32607	0.31	ng/ul	0.00
79) Pyrene-d10	19.34	212	35585	0.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	32778	0.23	ng/ul	0.00

Target Compounds

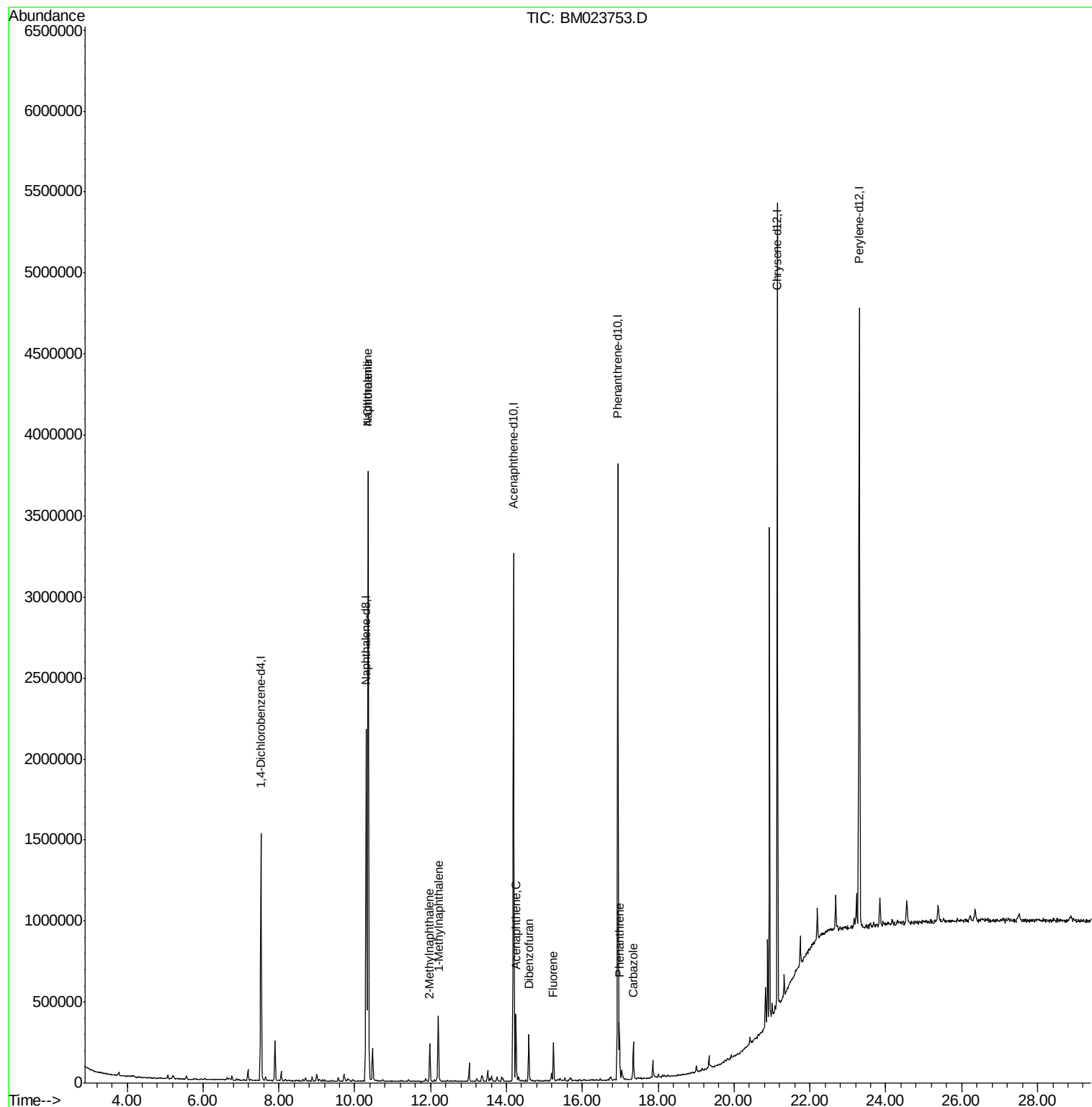
					Qvalue	
28) Naphthalene	10.36	128	3150501	34.538	ng/ul	99
30) 4-Chloroaniline	10.36	127	409586	12.189	ng/ul#	12
34) 2-Methylnaphthalene	11.98	142	111766	1.602	ng/ul	99
35) 1-Methylnaphthalene	12.20	142	192202	2.793	ng/ul	98
50) Acenaphthene	14.25	153	163267	2.398	ng/ul	99
54) Dibenzofuran	14.59	168	191066	1.896	ng/ul	99
59) Fluorene	15.24	166	106203	1.299	ng/ul	99
70) Phenanthrene	16.97	178	192889	1.568	ng/ul	100
75) Carbazole	17.34	167	148909	1.445	ng/ul	99

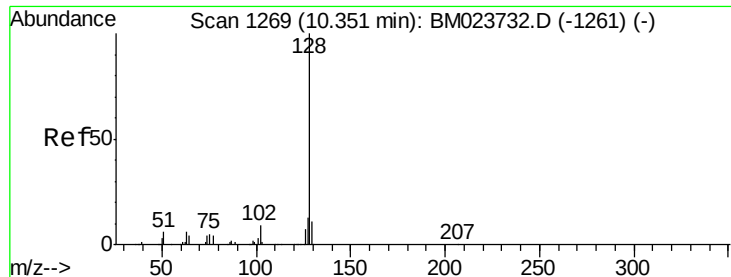
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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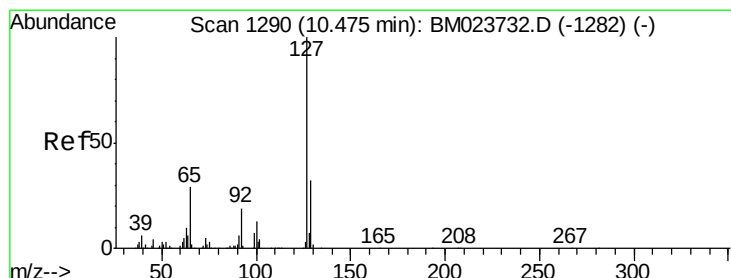
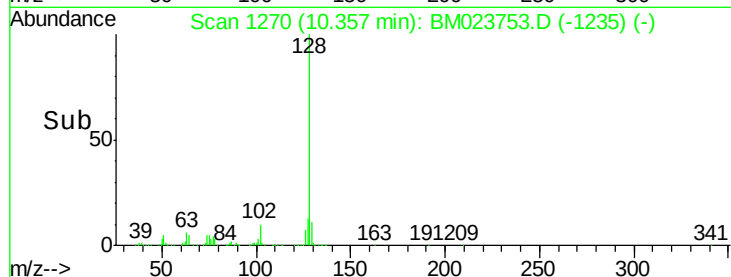
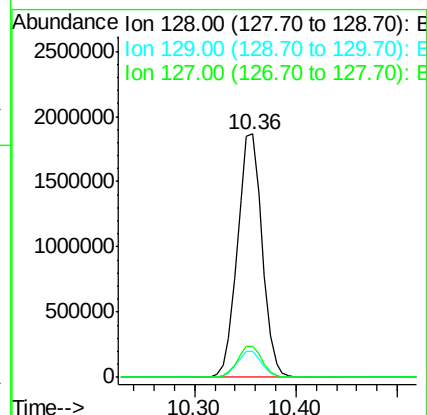
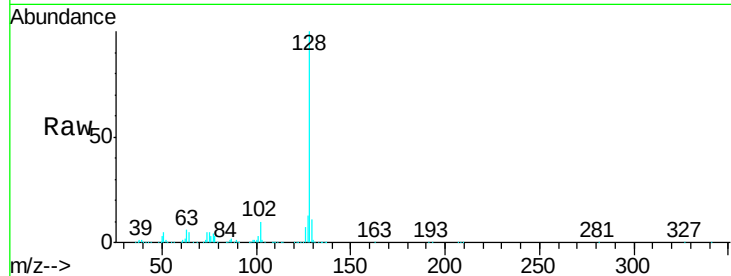




#28
Naphthalene
Concen: 34.538 ng/ul
RT: 10.36 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BM023753.D
Acq: 15 Nov 2019 14:54

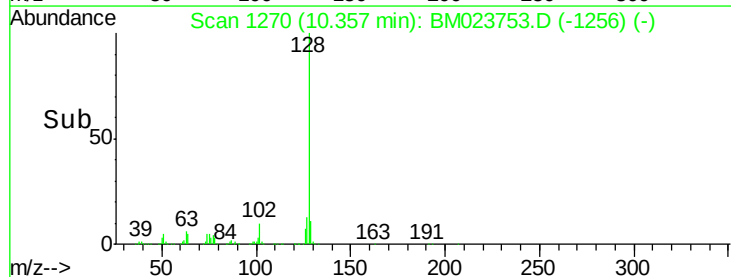
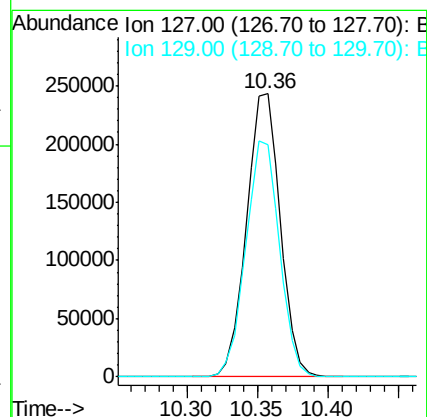
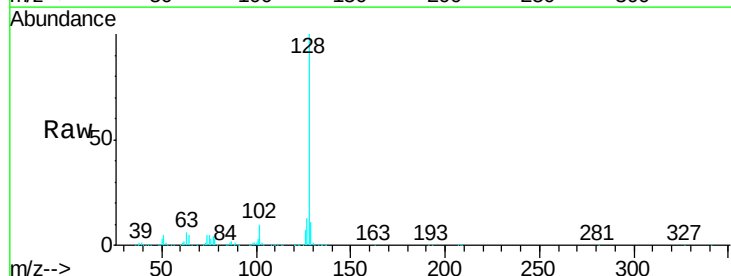
Instrument :
BNA_M
ClientSampleId :
BEGY7DL2

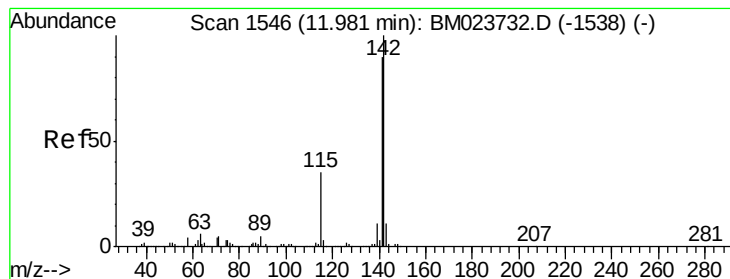
Tgt Ion:128 Resp: 3150501
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.0 10.6 16.0



#30
4-Chloroaniline
Concen: 12.189 ng/ul
RT: 10.36 min Scan# 1270
Delta R.T. -0.12 min
Lab File: BM023753.D
Acq: 15 Nov 2019 14:54

Tgt Ion:127 Resp: 409586
Ion Ratio Lower Upper
127 100
129 82.2 26.1 39.1#





#34

2-Methylnaphthalene

Concen: 1.602 ng/ul

RT: 11.98 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BM023753.D

Acq: 15 Nov 2019 14:54

Instrument :

BNA_M

ClientSampleId :

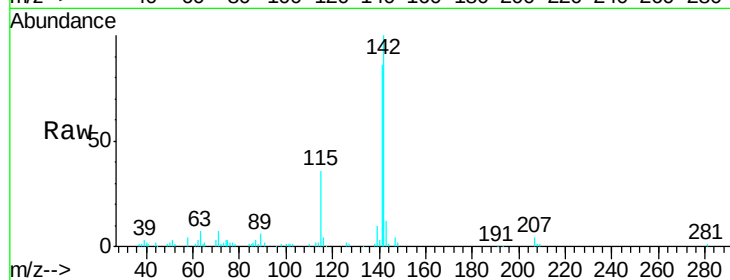
BEGY7DL2

Tgt Ion:142 Resp: 111766

Ion Ratio Lower Upper

142 100

141 86.5 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

11.98

80000

60000

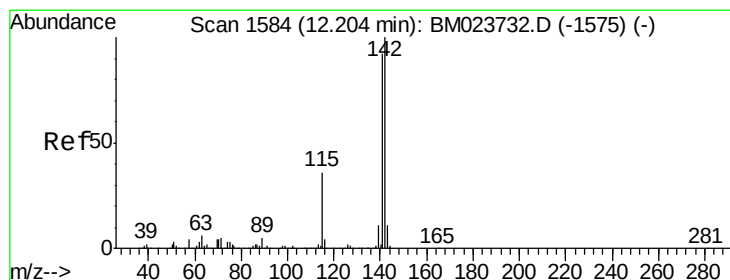
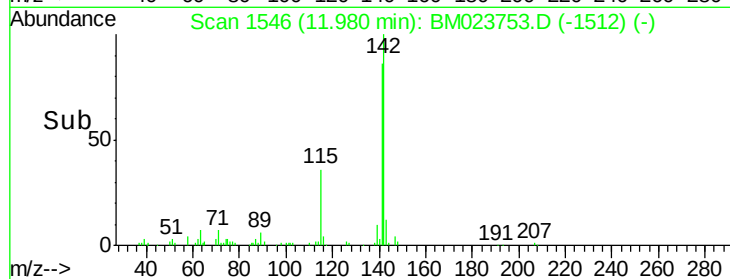
40000

20000

0

Time-->

11.90 11.95 12.00 12.05



#35

1-Methylnaphthalene

Concen: 2.793 ng/ul

RT: 12.20 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BM023753.D

Acq: 15 Nov 2019 14:54

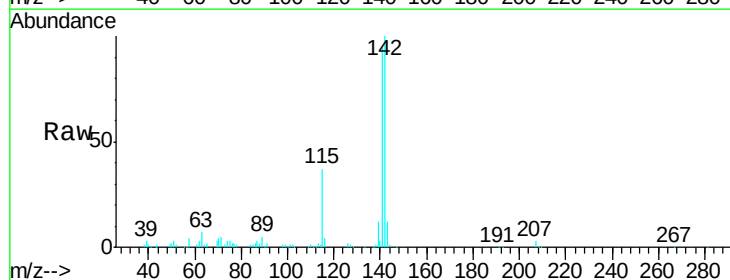
Tgt Ion:142 Resp: 192202

Ion Ratio Lower Upper

142 100

141 95.5 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

12.20

150000

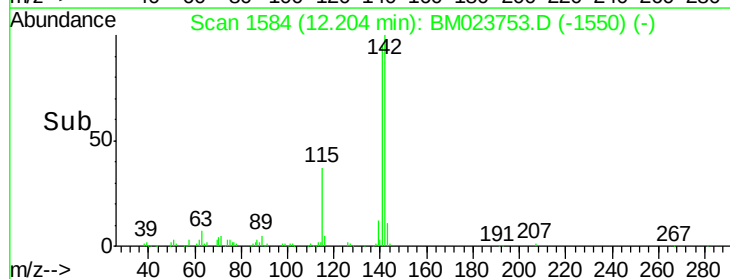
100000

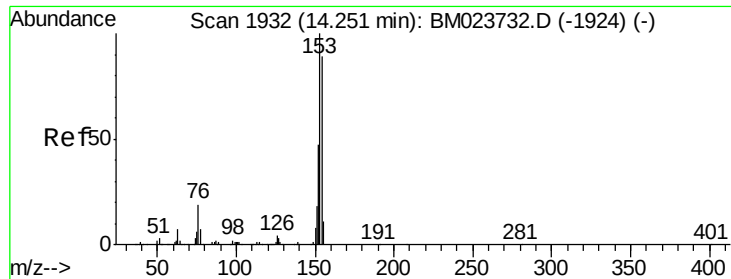
50000

0

Time-->

12.20 12.30





#50

Acenaphthene

Concen: 2.398 ng/ul

RT: 14.25 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BM023753.D

Acq: 15 Nov 2019 14:54

Instrument :

BNA_M

ClientSampleId :

BEGY7DL2

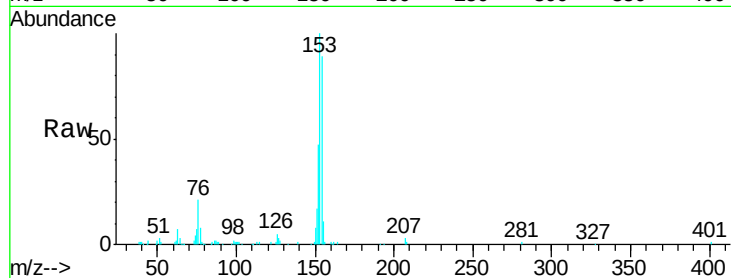
Tgt Ion:153 Resp: 163267

Ion Ratio Lower Upper

153 100

152 47.5 37.7 56.5

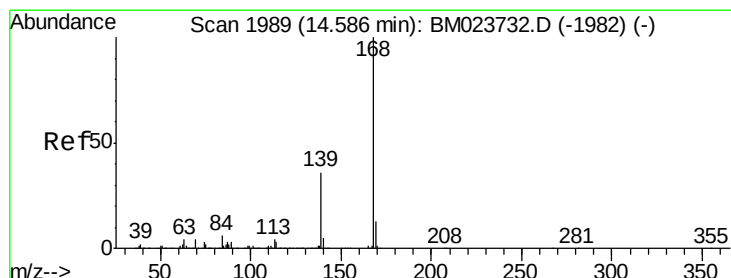
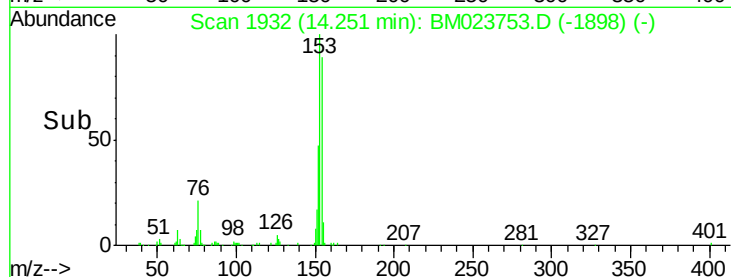
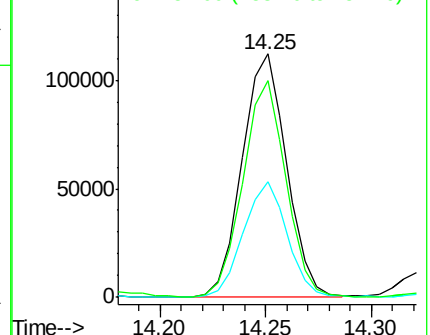
154 89.2 70.6 106.0



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: 1.896 ng/ul

RT: 14.59 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BM023753.D

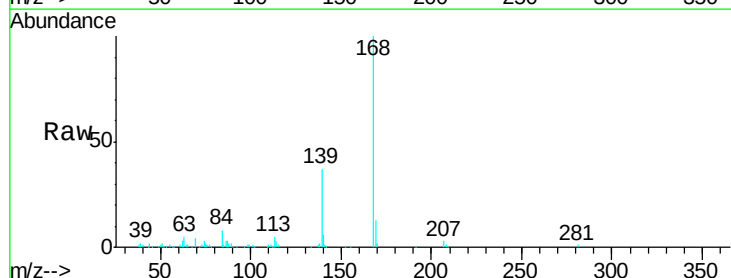
Acq: 15 Nov 2019 14:54

Tgt Ion:168 Resp: 191066

Ion Ratio Lower Upper

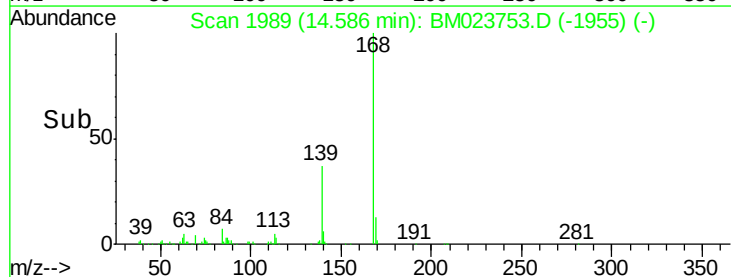
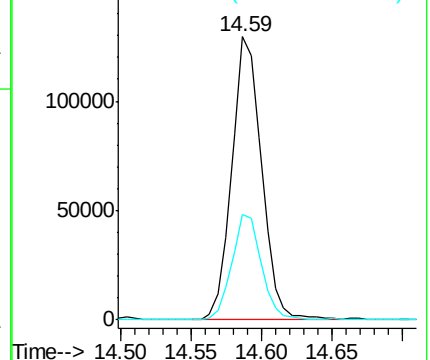
168 100

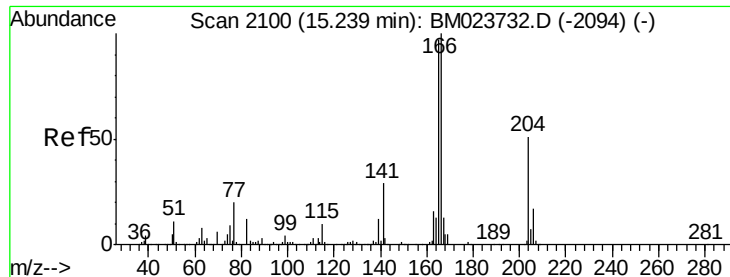
139 37.3 29.3 43.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 1.299 ng/ul

RT: 15.24 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BM023753.D

Acq: 15 Nov 2019 14:54

Instrument :

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ClientSampleId :

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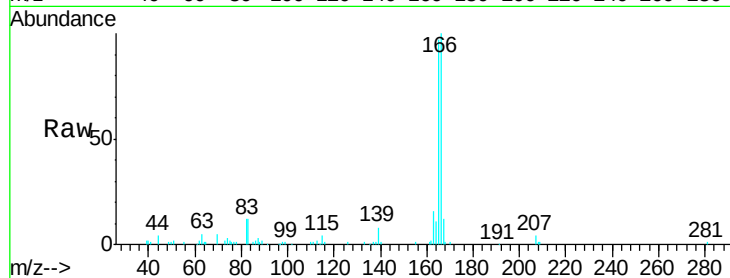
Tgt Ion:166 Resp: 106203

Ion Ratio Lower Upper

166 100

165 97.3 77.2 115.8

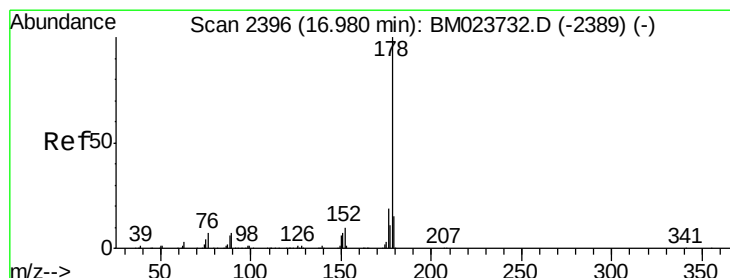
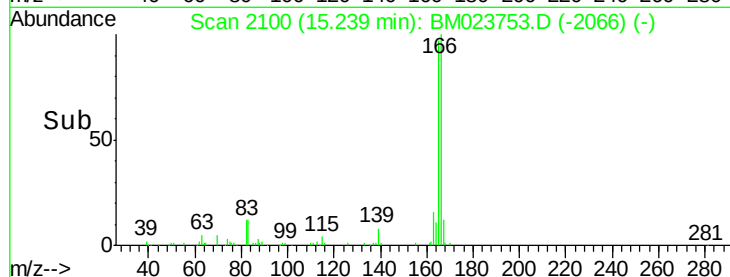
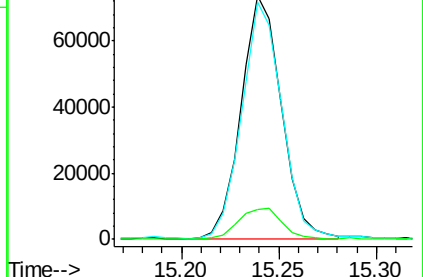
167 12.0 10.9 16.3



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: 1.568 ng/ul

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BM023753.D

Acq: 15 Nov 2019 14:54

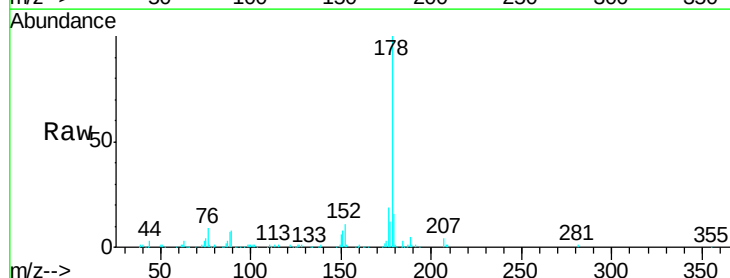
Tgt Ion:178 Resp: 192889

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

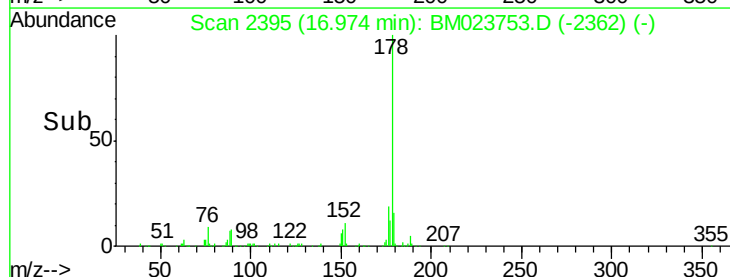
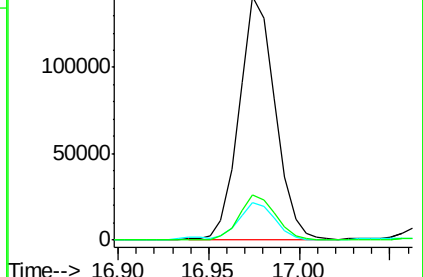
176 18.8 15.0 22.6

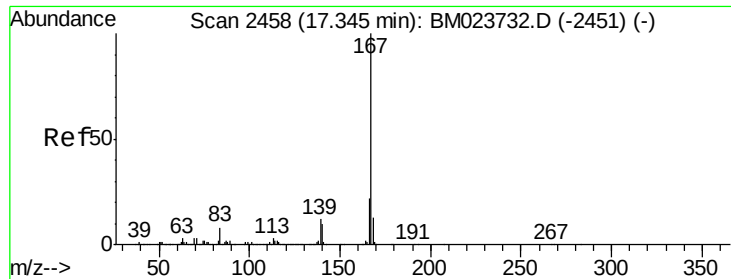


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 1.445 ng/ul

RT: 17.34 min Scan# 2458

Delta R.T. -0.00 min

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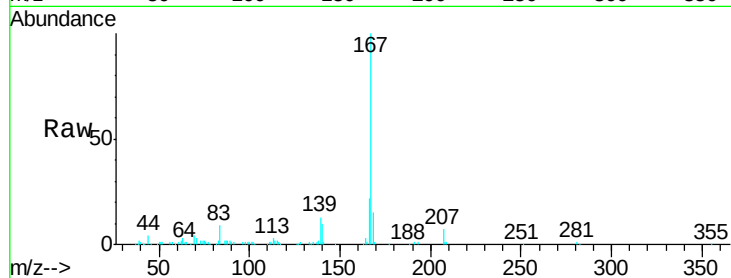
Tgt Ion:167 Resp: 148909

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 12.9 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

