

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
 Data File : BM023747.D
 Acq On : 15 Nov 2019 10:12
 Operator : JU
 Sample : K5700-08DL 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEGW9DL

Quant Time: Nov 15 11:52:41 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	349585	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1425951	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	898089	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	1982948	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	2037335	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2381794	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	1016	0.12	ng/uL	0.04
5) Phenol-d5	6.72	99	14218	0.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	47790	2.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	48374	2.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	27262	1.07	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	31370	3.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	28841	2.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	59276	2.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	18562	0.69	ng/ul	0.01
44) Dimethylphthalate-d6	13.60	166	222808	3.18	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	226007	2.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	3380	0.28	ng/ul	0.02
58) Fluorene-d10	15.18	176	195824	3.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	16804	1.47	ng/ul	0.00
71) Anthracene-d10	17.03	188	313079	3.33	ng/ul	0.00
79) Pyrene-d10	19.33	212	343387	3.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	399979	3.19	ng/ul	0.00

Target Compounds

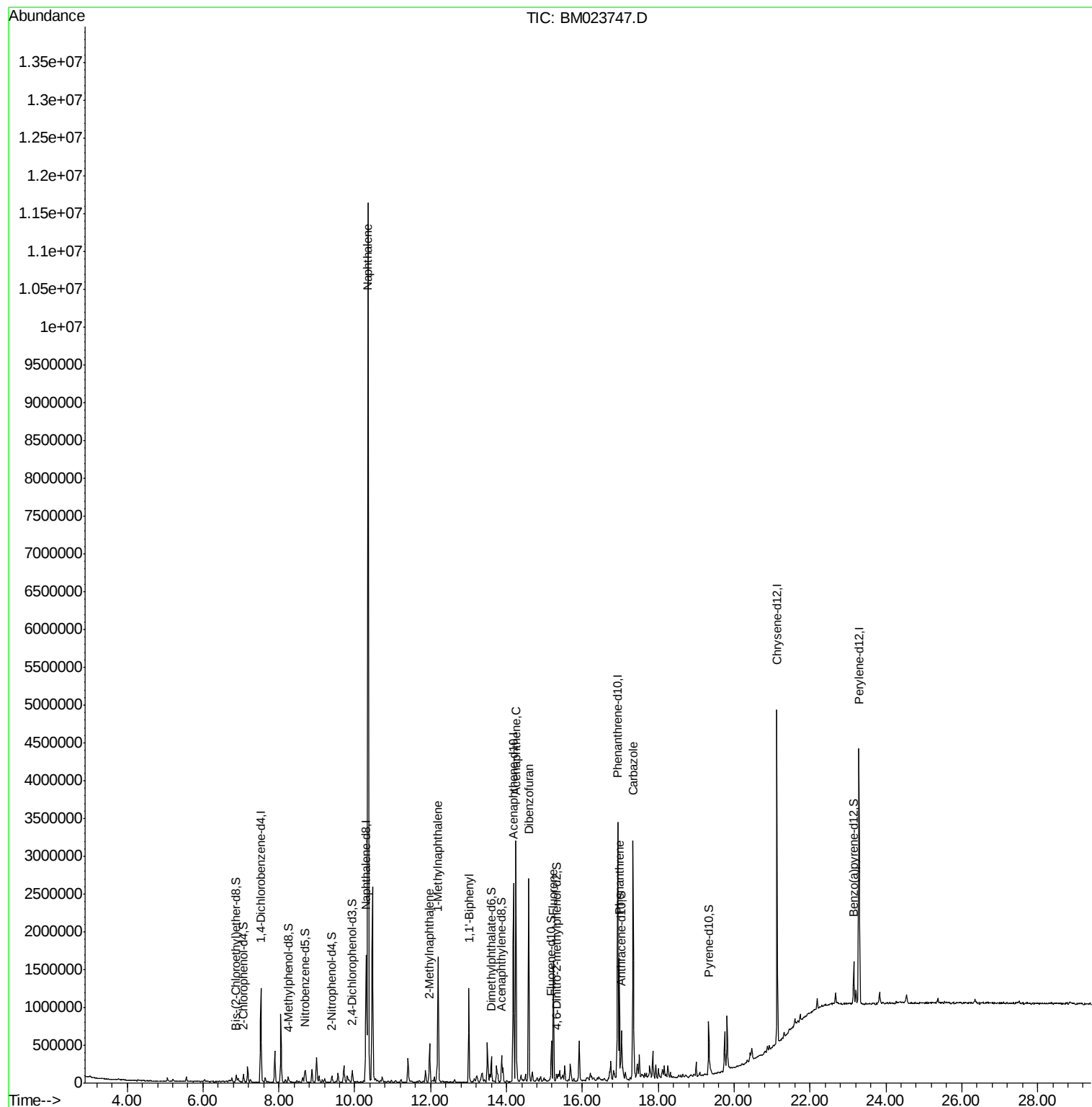
					Ovalue	
28) Naphthalene	10.35	128	9719235	129.679	ng/ul	99
34) 2-Methylnaphthalene	11.97	142	236035	4.117	ng/ul	95
35) 1-Methylnaphthalene	12.20	142	767274	13.569	ng/ul	100
41) 1,1'-Biphenyl	13.01	154	647052	9.340	ng/ul	98
50) Acenaphthene	14.24	153	1284923	22.503	ng/ul	100
54) Dibenzofuran	14.59	168	1662925	19.673	ng/ul	100
59) Fluorene	15.24	166	697004	10.164	ng/ul	100
70) Phenanthrene	16.97	178	857424	7.850	ng/ul	100
75) Carbazole	17.34	167	1931754	21.100	ng/ul	100

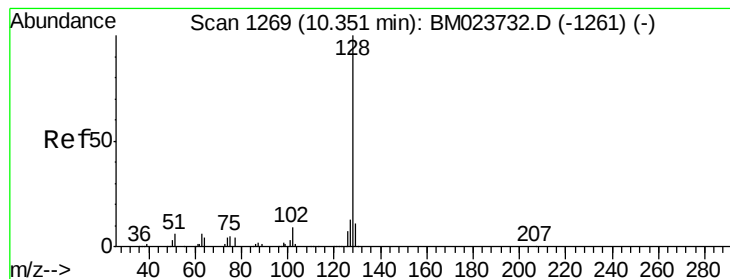
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 129.679 ng/ul

RT: 10.35 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BM023747.D

Acq: 15 Nov 2019 10:12

Instrument :

BNA_M

ClientSampleId :

BEGW9DL

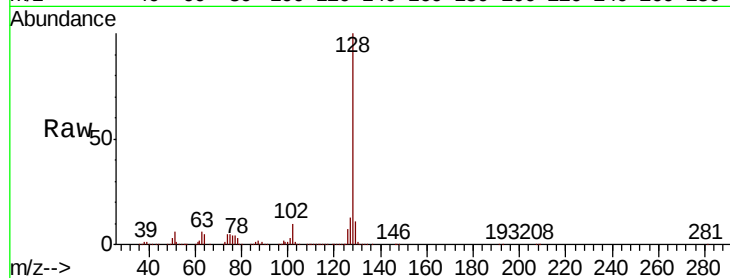
Tot Ion:128 Resp: 9719235

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	13.4	10.6	16.0

128 100

129 11.3 8.7 13.1

127 13.4 10.6 16.0

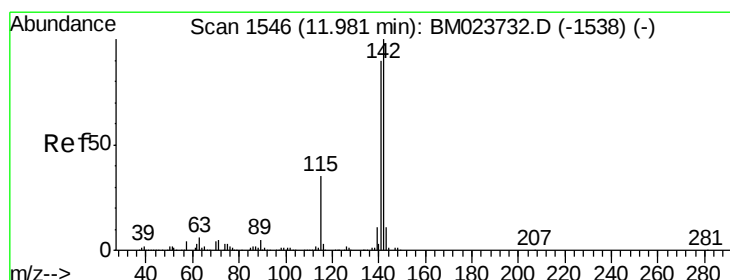
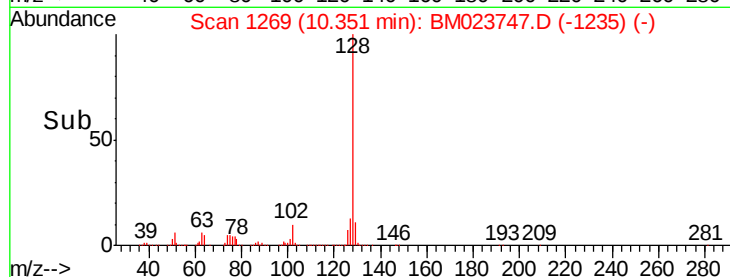
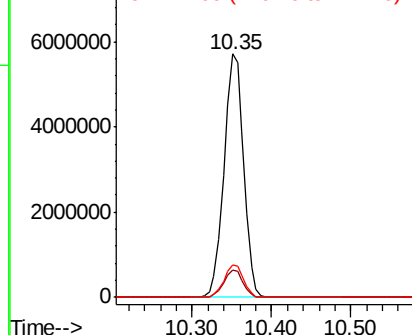


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 4.117 ng/ul

RT: 11.97 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BM023747.D

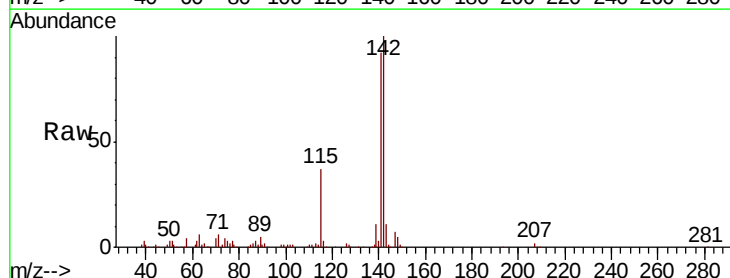
Acq: 15 Nov 2019 10:12

Tgt Ion:142 Resp: 236035

Ion	Ratio	Lower	Upper
142	100		
141	91.6	69.8	104.8

142 100

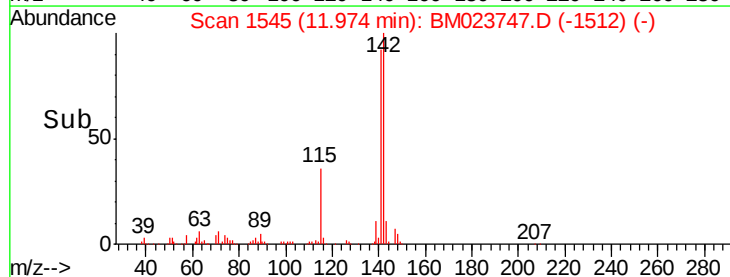
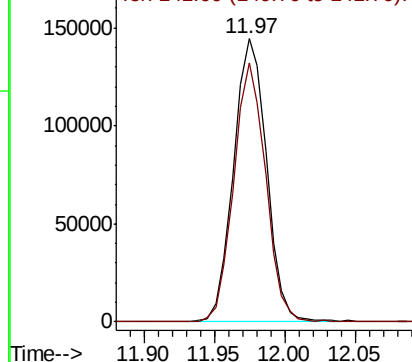
141 91.6 69.8 104.8

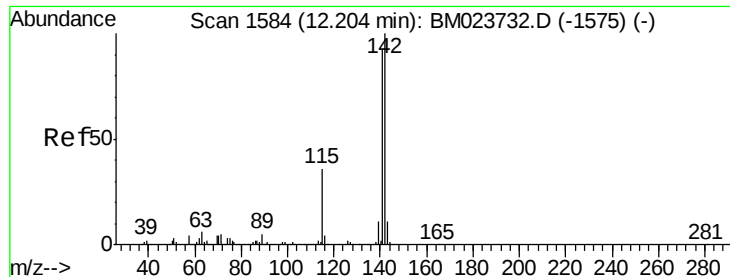


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#35

1-Methylnaphthalene

Concen: 13.569 ng/ul

RT: 12.20 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BM023747.D

Acq: 15 Nov 2019 10:12

Instrument :

BNA_M

ClientSampleId :

BEGW9DL

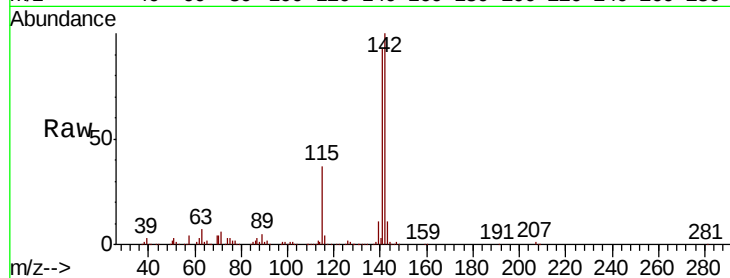
Tot Ion:142 Resp: 767274

Ion Ratio Lower Upper

142 100

141 93.1 74.6 112.0

116 3.8 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

400000

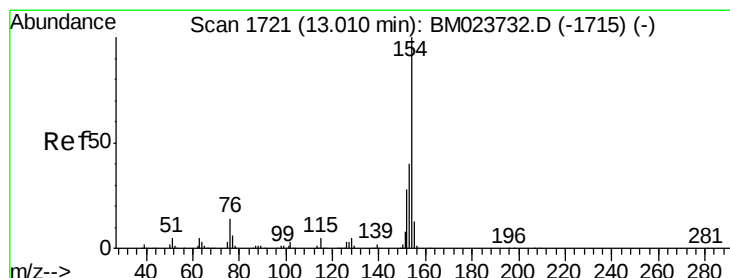
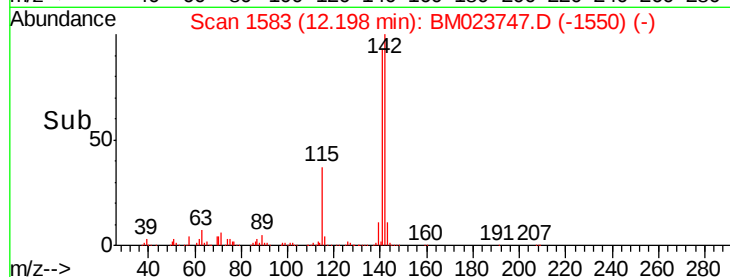
300000

200000

100000

0

Time-->



#41

1,1'-Biphenyl

Concen: 9.340 ng/ul

RT: 13.01 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BM023747.D

Acq: 15 Nov 2019 10:12

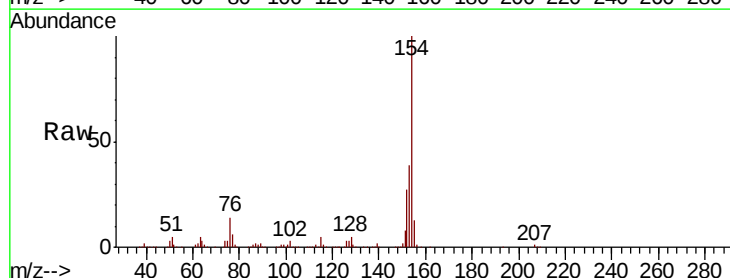
Tgt Ion:154 Resp: 647052

Ion Ratio Lower Upper

154 100

153 39.2 32.3 48.5

76 13.6 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

13.01

400000

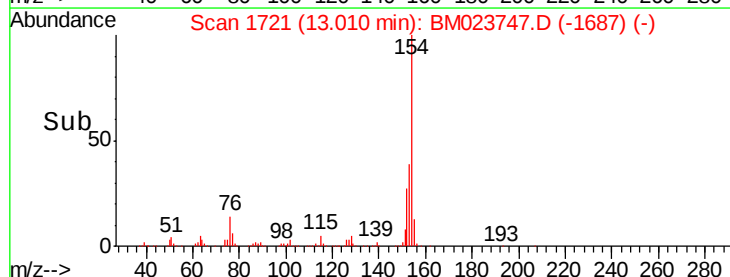
300000

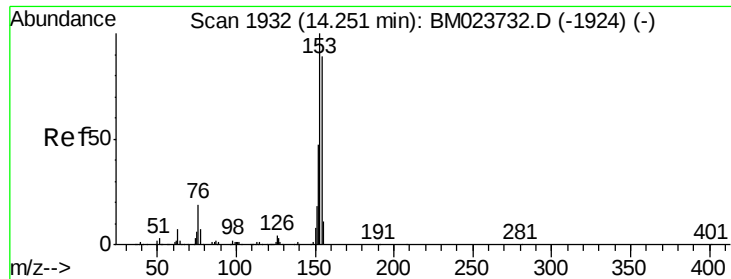
200000

100000

0

Time-->





#50

Acenaphthene

Concen: 22.503 ng/ul

RT: 14.24 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BM023747.D

Acq: 15 Nov 2019 10:12

Instrument :

BNA_M

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BEGW9DL

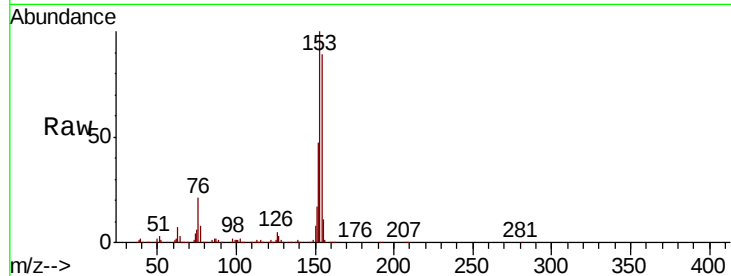
Tot Ion:153 Resp: 1284923

Ion Ratio Lower Upper

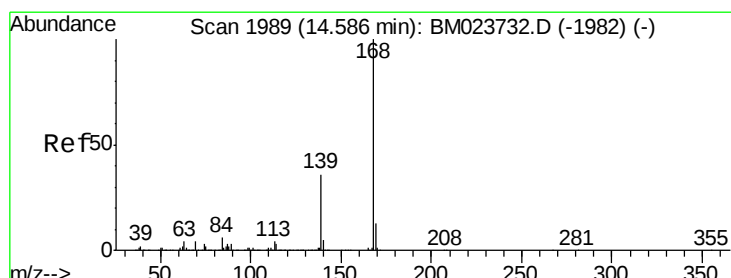
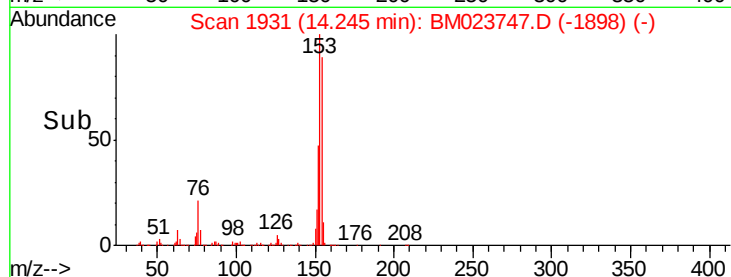
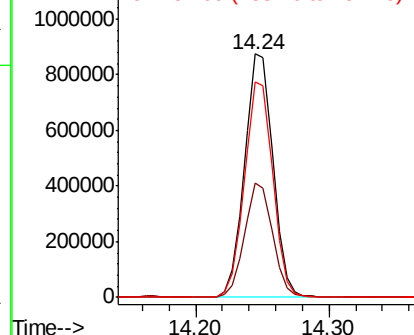
153 100

152 47.2 37.7 56.5

154 88.5 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: 19.673 ng/ul

RT: 14.59 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BM023747.D

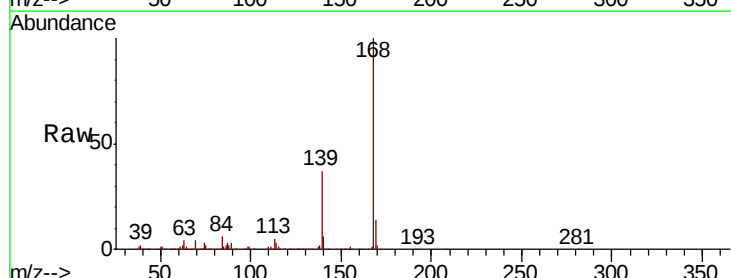
Acq: 15 Nov 2019 10:12

Tgt Ion:168 Resp: 1662925

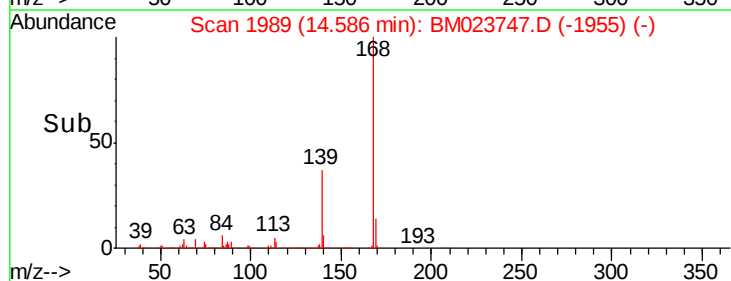
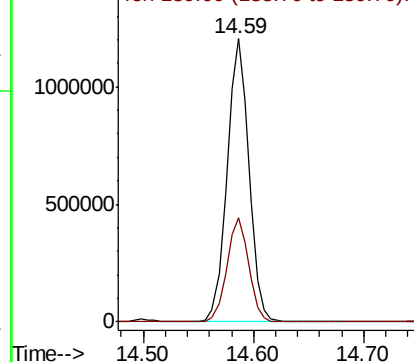
Ion Ratio Lower Upper

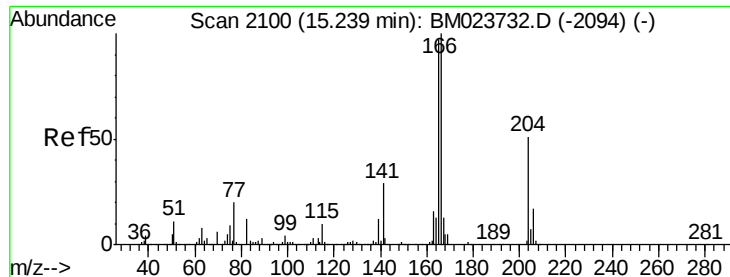
168 100

139 36.8 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: 10.164 ng/ul

RT: 15.24 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BM023747.D

Acq: 15 Nov 2019 10:12

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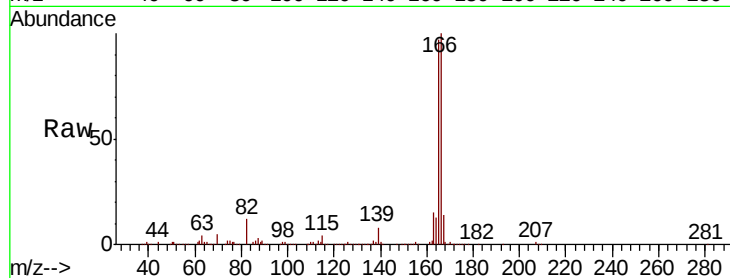
Tot Ion:166 Resp: 697004

Ion Ratio Lower Upper

166 100

165 96.6 77.2 115.8

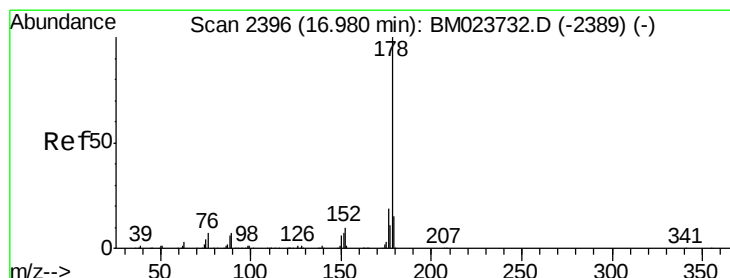
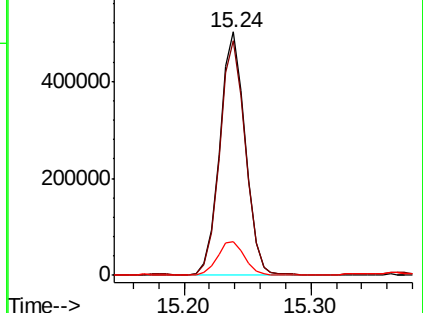
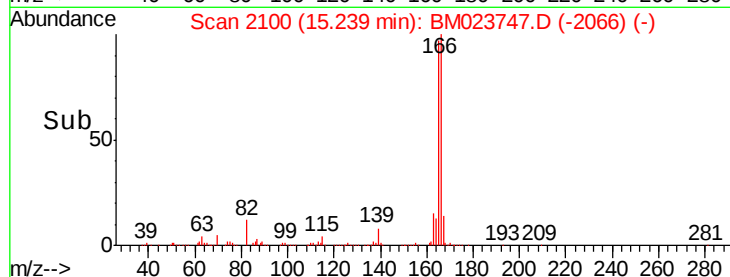
167 13.9 10.9 16.3



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: 7.850 ng/ul

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BM023747.D

Acq: 15 Nov 2019 10:12

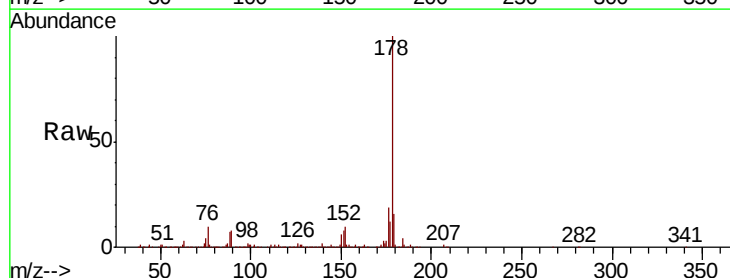
Tgt Ion:178 Resp: 857424

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

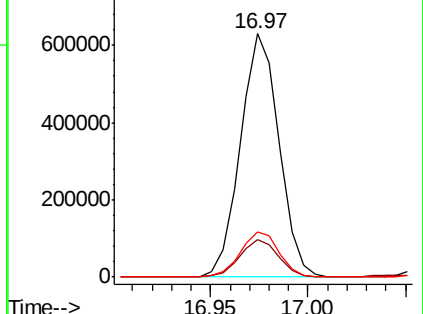
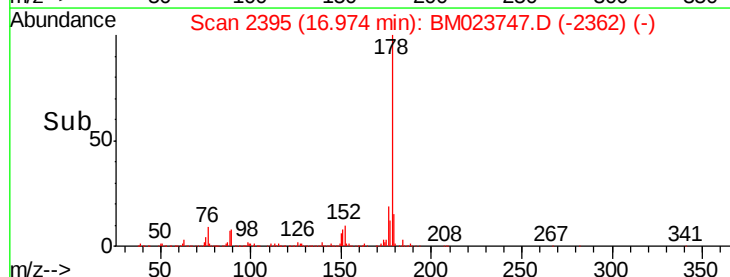
176 18.8 15.0 22.6

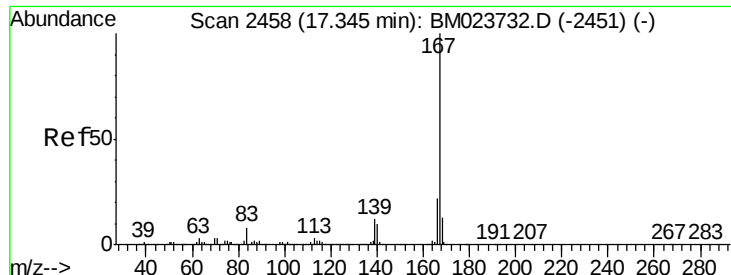


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 21.100 ng/ul

RT: 17.34 min Scan# 2457

Delta R.T. -0.01 min

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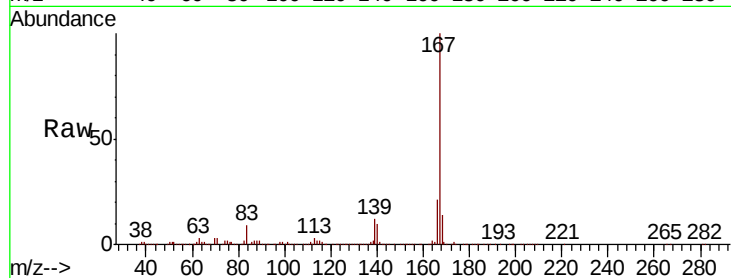
Tot Ion:167 Resp: 1931754

Ion Ratio Lower Upper

167 100

166 21.3 17.1 25.7

139 12.3 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

