

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
 Data File : BM028931.D
 Acq On : 26 Feb 2021 22:25
 Operator : CG/JU
 Sample : M1482-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGN1

Quant Time: Feb 26 23:11:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 26 15:22:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	17897	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	78919	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.44	164	48941	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.18	188	102317	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	91712	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	78947	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	1558	3.92	ng/uL	0.00
5) Phenol-d5	6.96	99	7631	5.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	21200	28.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	26628	23.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	15778	15.16	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	15977	28.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	18606	29.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	30542	25.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	4784	3.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	125534	37.31	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	139273	30.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	4010	6.85	ng/ul	0.00
58) Fluorene-d10	15.43	176	105735	36.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	22386	36.69	ng/ul	0.00
71) Anthracene-d10	17.28	188	177639	38.19	ng/ul	0.00
79) Pyrene-d10	19.57	212	183855	40.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	155388	38.75	ng/ul	0.00

Target Compounds

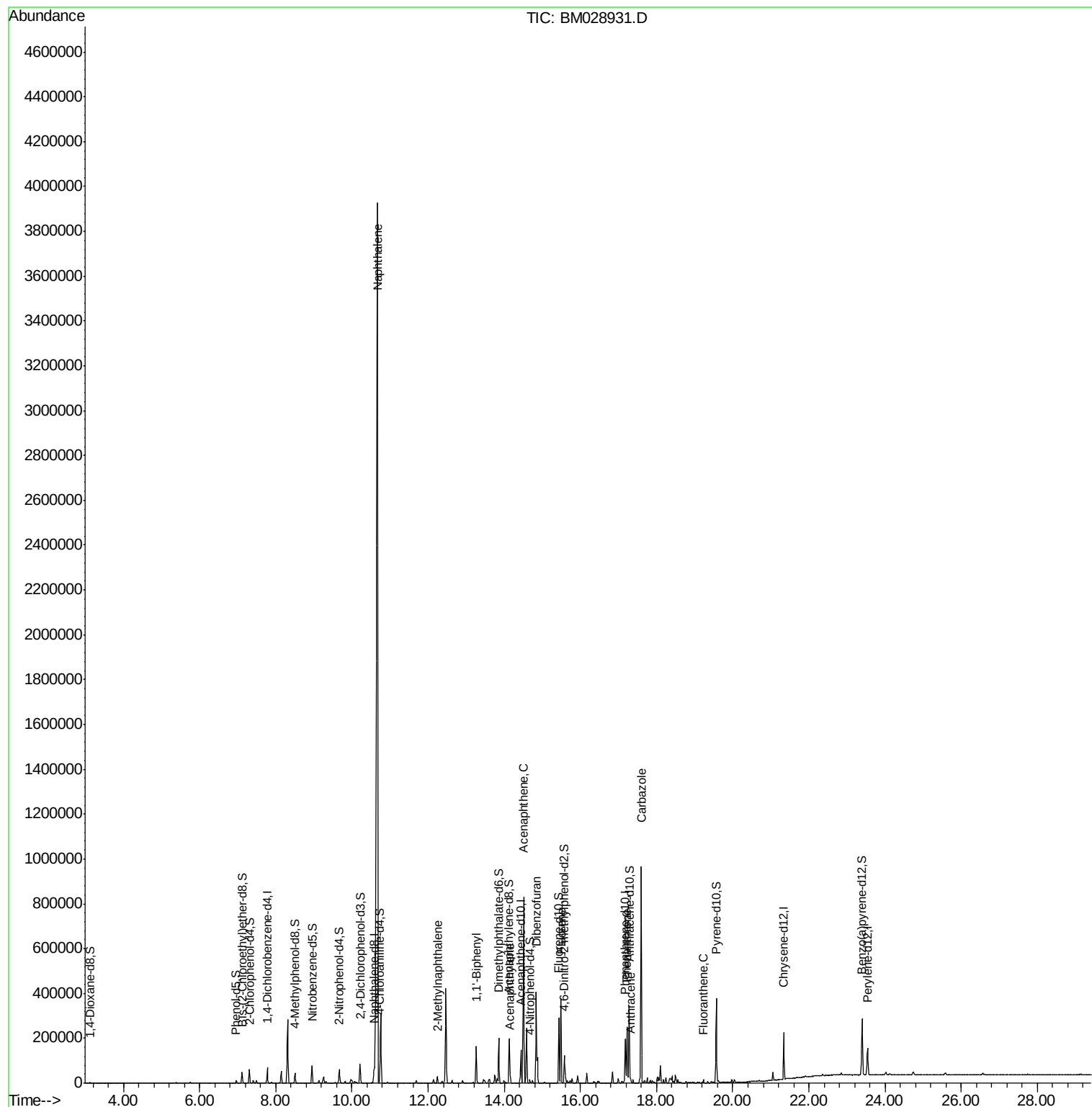
					Ovalue	
28) Naphthalene	10.67	128	4331912	1075.928	ng/ul	97
34) 2-Methylnaphthalene	12.25	142	12235	4.446	ng/ul	98
41) 1,1'-Biphenyl	13.26	154	83321	21.838	ng/ul	98
48) Acenaphthylene	14.16	152	17020	3.973	ng/ul	96
50) Acenaphthene	14.51	153	333241	107.483	ng/ul	98
54) Dibenzofuran	14.84	168	232859	54.246	ng/ul	100
59) Fluorene	15.49	166	159492	45.311	ng/ul	99
70) Phenanthrene	17.22	178	136279	24.299	ng/ul	99
72) Anthracene	17.31	178	13760	2.381	ng/ul	98
75) Carbazole	17.60	167	609021	119.294	ng/ul	99
77) Fluoranthene	19.23	202	7395	1.209	ng/ul#	97

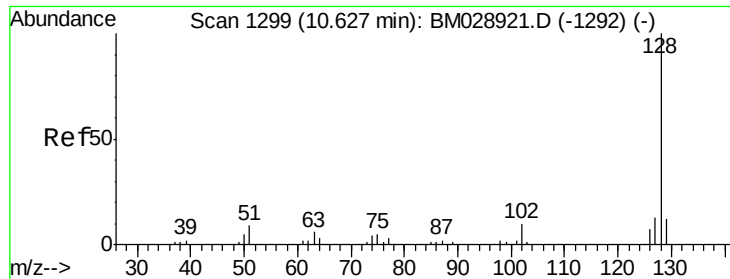
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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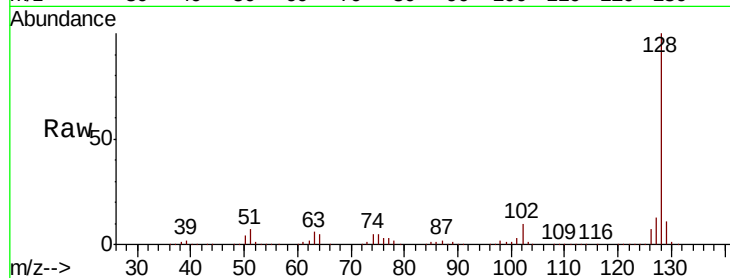




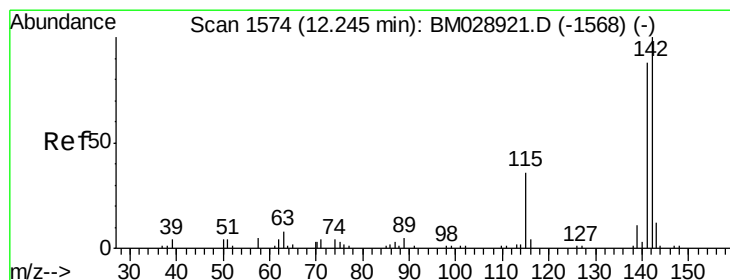
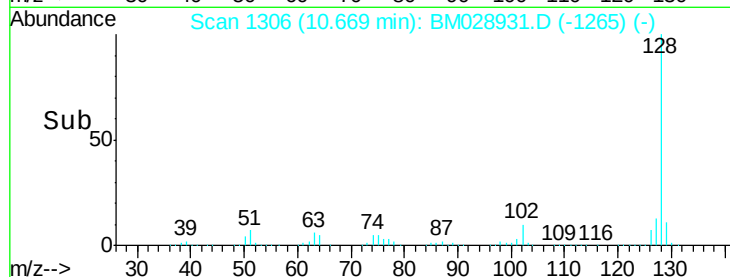
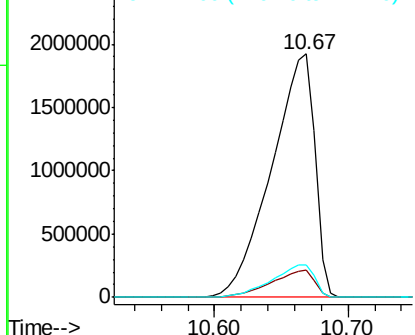
#28
Naphthalene
Concen: 1075.928 ng/ul
RT: 10.67 min Scan# 1306
Delta R.T. 0.04 min
Lab File: BM028931.D
Acq: 26 Feb 2021 22:25

Instrument :
BNA_M
ClientSampleId :
DBGN1

Tot Ion:128 Resp: 4331912
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.4 9.4 14.0

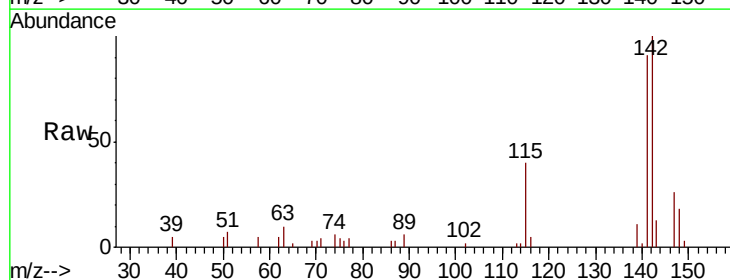


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

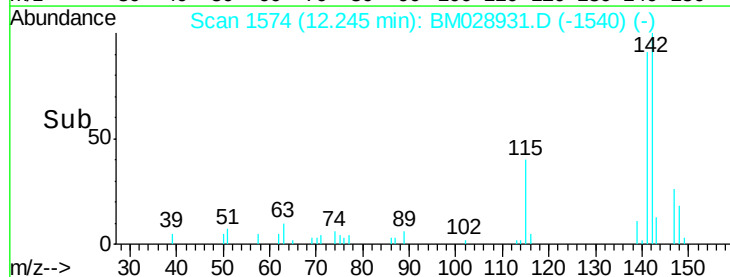
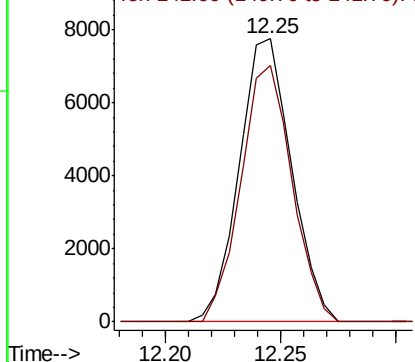


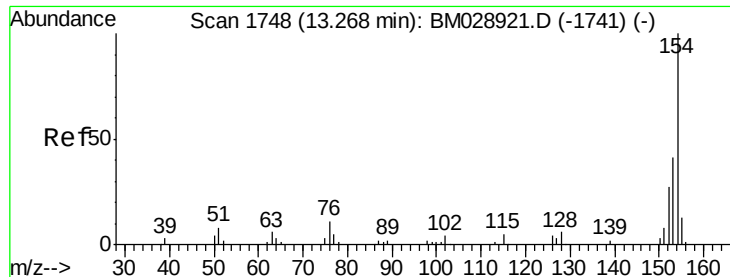
#34
2-Methylnaphthalene
Concen: 4.446 ng/ul
RT: 12.25 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BM028931.D
Acq: 26 Feb 2021 22:25

Tgt Ion:142 Resp: 12235
Ion Ratio Lower Upper
142 100
141 90.6 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#41

1,1'-Biphenyl

Concen: 21.838 ng/ul

RT: 13.26 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BM028931.D

Acq: 26 Feb 2021 22:25

Instrument :

BNA_M

ClientSampleId :

DBGN1

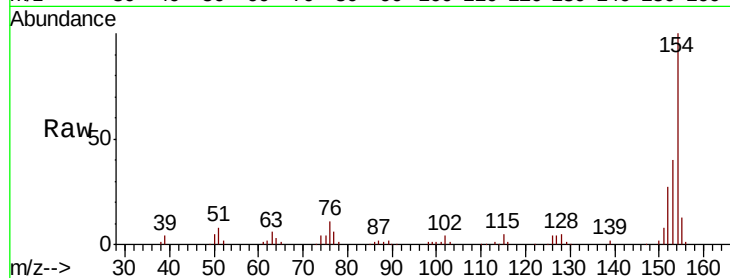
Tot Ion:154 Resp: 83321

Ion Ratio Lower Upper

154 100

153 40.0 31.1 46.7

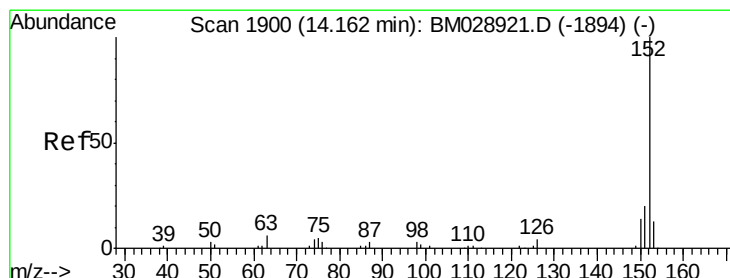
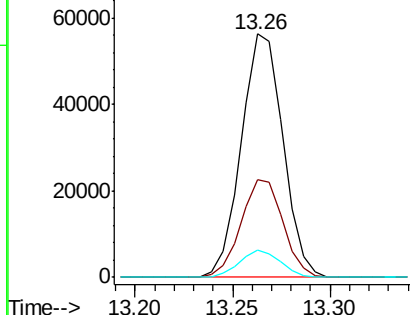
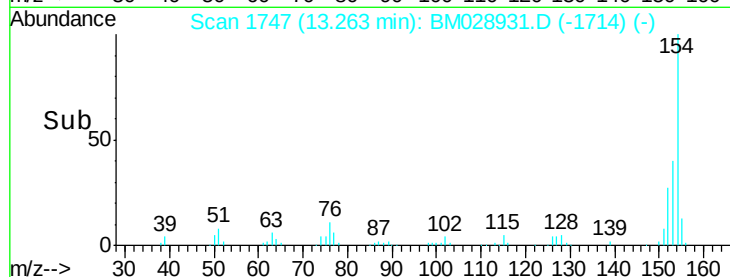
76 11.2 9.1 13.7



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



#48

Acenaphthylene

Concen: 3.973 ng/ul

RT: 14.16 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BM028931.D

Acq: 26 Feb 2021 22:25

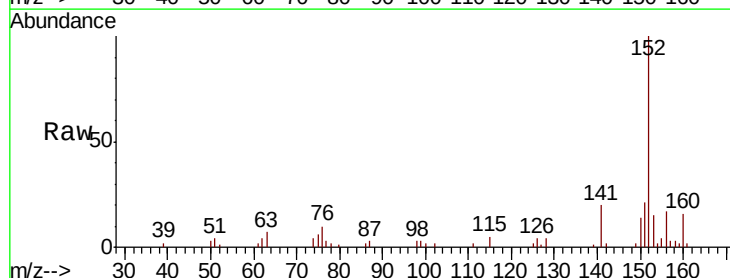
Tgt Ion:152 Resp: 17020

Ion Ratio Lower Upper

152 100

151 20.7 15.5 23.3

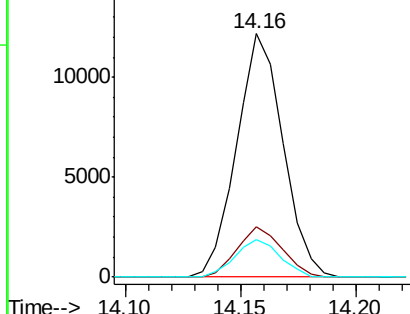
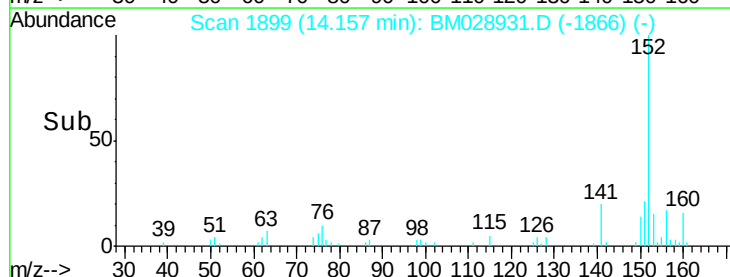
153 15.4 10.8 16.2

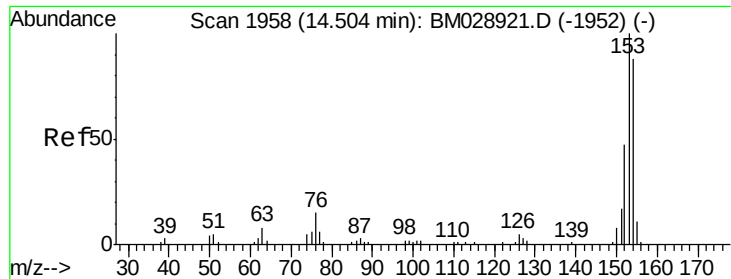


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Acenaphthene

Concen: 107.483 ng/ul

RT: 14.51 min Scan# 1959

Delta R.T. 0.01 min

Lab File: BM028931.D

Acq: 26 Feb 2021 22:25

Instrument :

BNA_M

ClientSampleId :

DBGN1

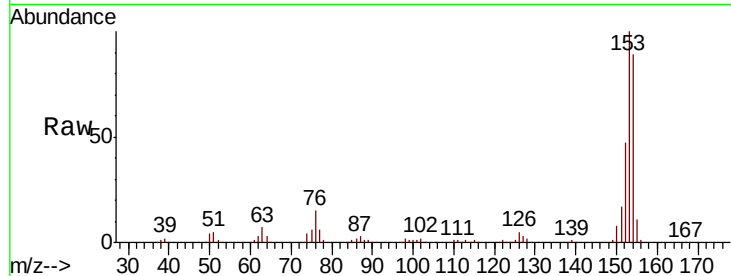
Tot Ion:153 Resp: 333241

Ion Ratio Lower Upper

153 100

152 46.6 37.6 56.4

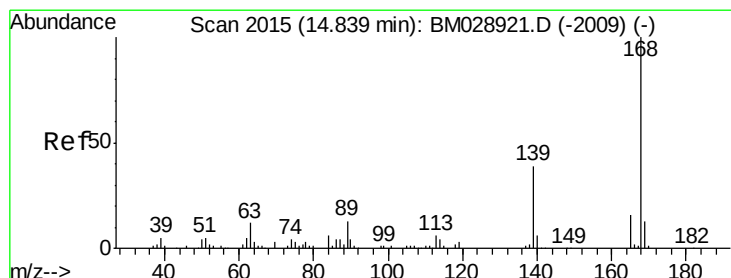
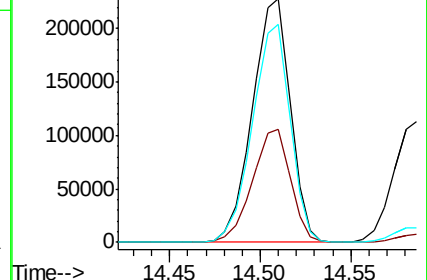
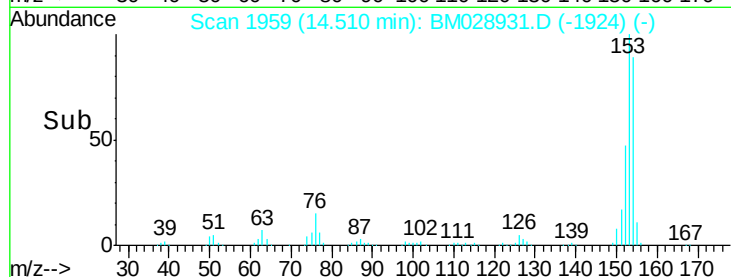
154 89.4 73.6 110.4



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: 54.246 ng/ul

RT: 14.84 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BM028931.D

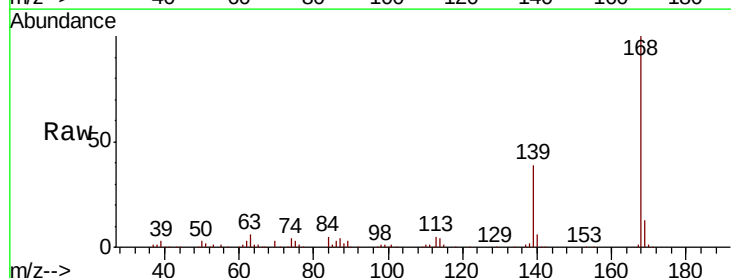
Acq: 26 Feb 2021 22:25

Tgt Ion:168 Resp: 232859

Ion Ratio Lower Upper

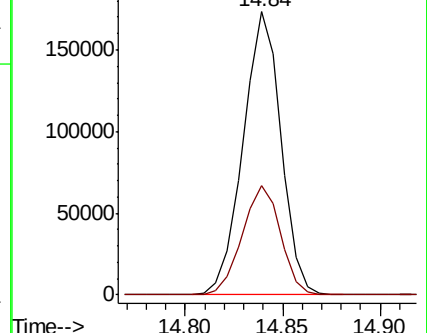
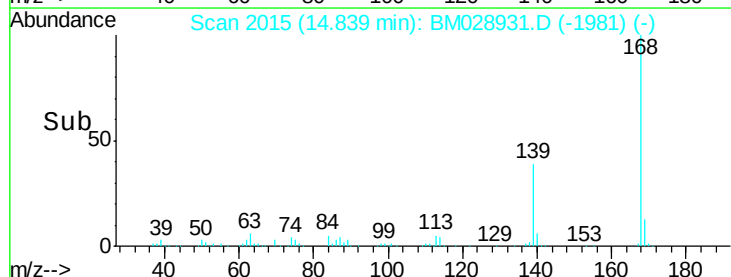
168 100

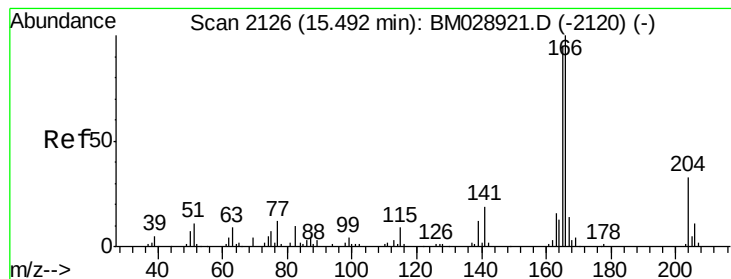
139 38.7 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 45.311 ng/ul

RT: 15.49 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BM028931.D

Acq: 26 Feb 2021 22:25

Instrument :

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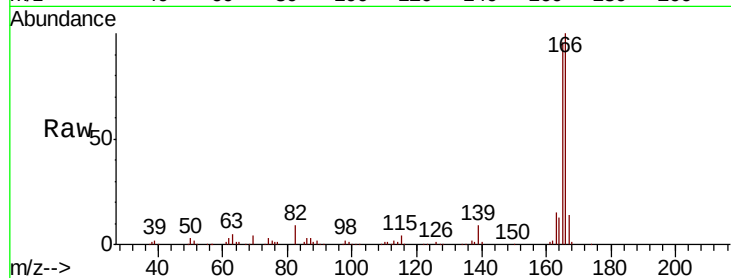
Tot Ion:166 Resp: 159492

Ion Ratio Lower Upper

166 100

165 96.4 77.4 116.0

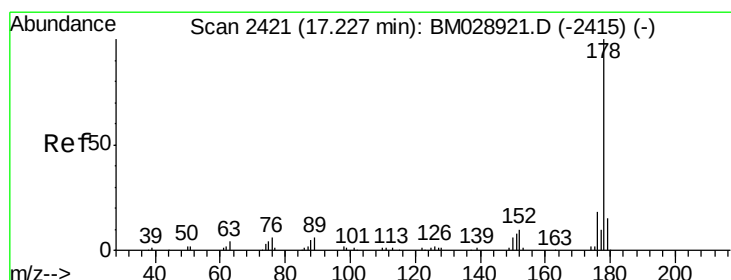
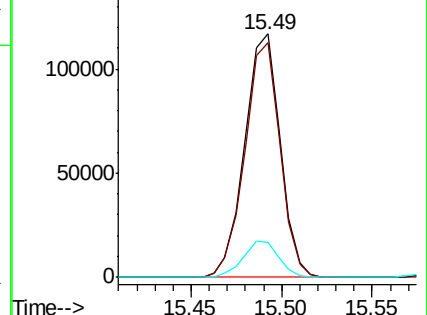
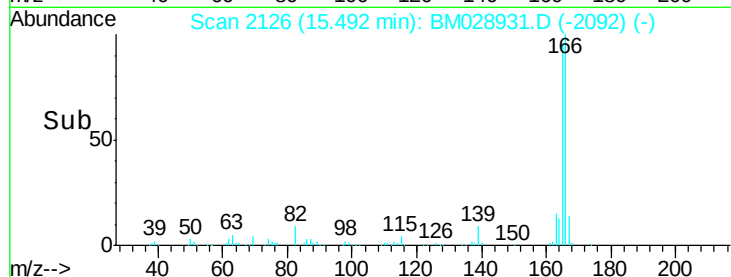
167 14.1 10.6 15.8



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: 24.299 ng/ul

RT: 17.22 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BM028931.D

Acq: 26 Feb 2021 22:25

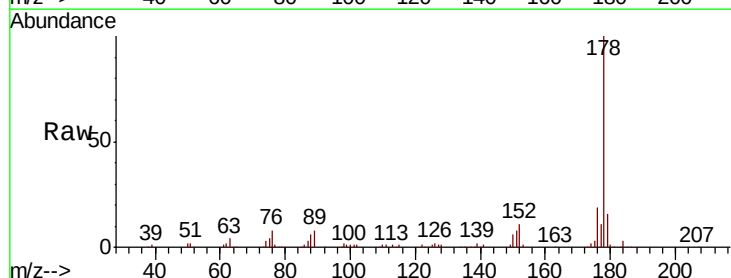
Tgt Ion:178 Resp: 136279

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

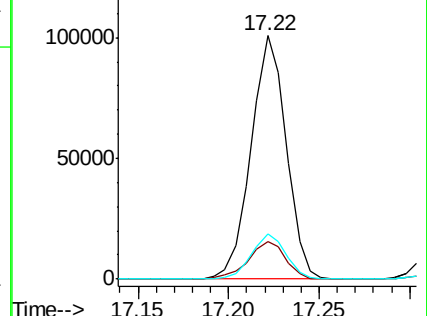
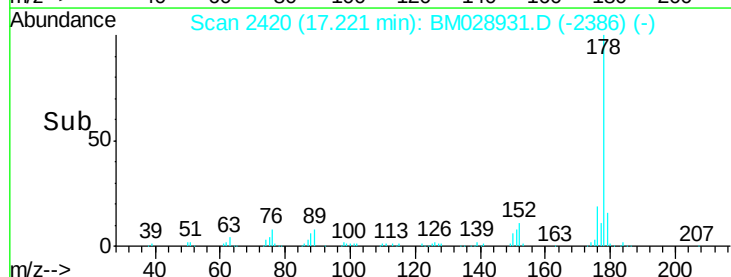
176 18.5 15.0 22.6

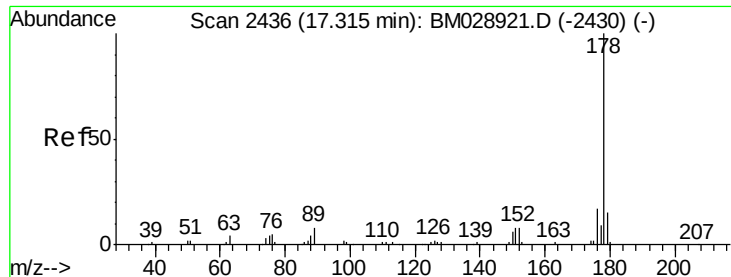


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 2.381 ng/ul

RT: 17.31 min Scan# 2435

Delta R.T. -0.01 min

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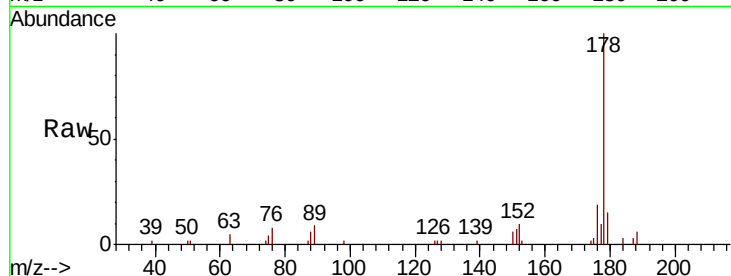
Tot Ion:178 Resp: 13760

Ion Ratio Lower Upper

178 100

179 15.4 11.7 17.5

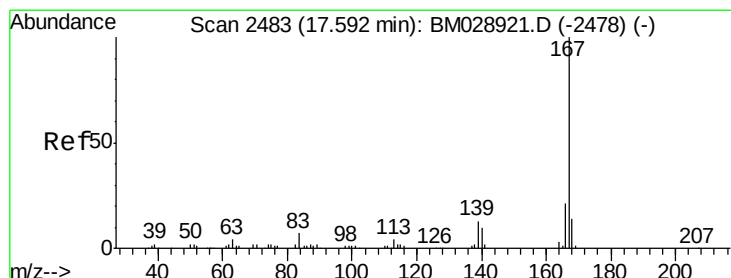
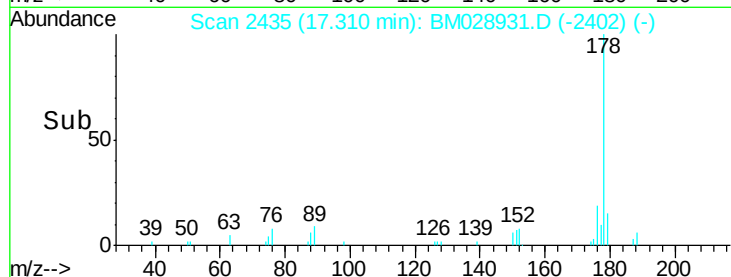
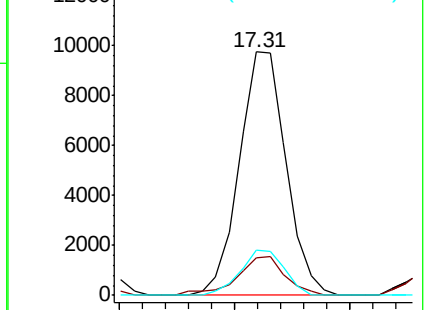
176 18.7 14.1 21.1



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: 119.294 ng/ul

RT: 17.60 min Scan# 2484

Delta R.T. 0.01 min

Lab File: BM028931.D

Acq: 26 Feb 2021 22:25

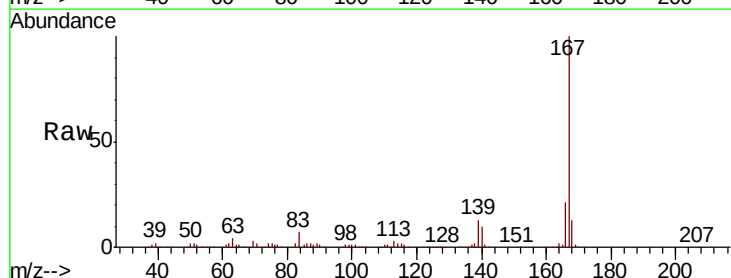
Tgt Ion:167 Resp: 609021

Ion Ratio Lower Upper

167 100

166 20.8 16.3 24.5

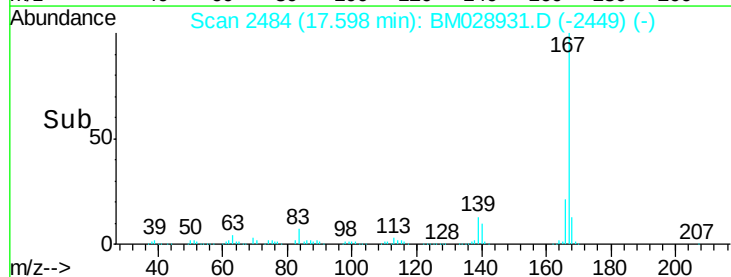
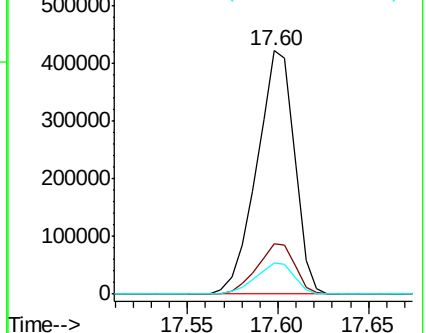
139 13.0 10.4 15.6

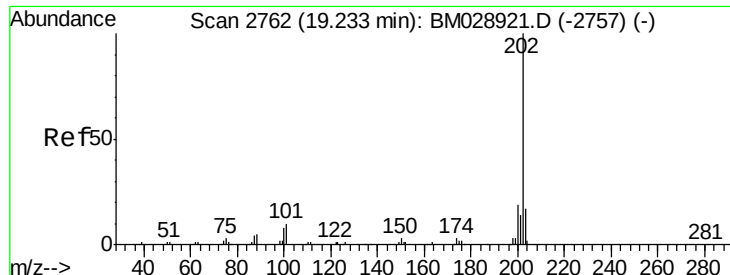


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

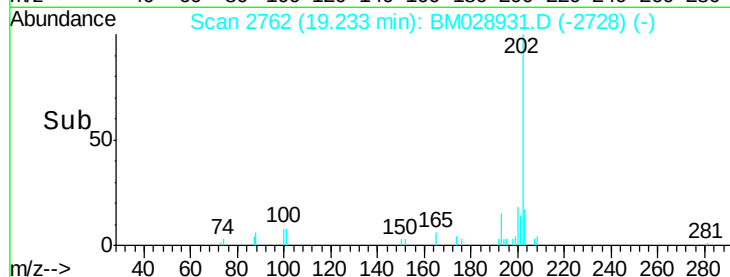
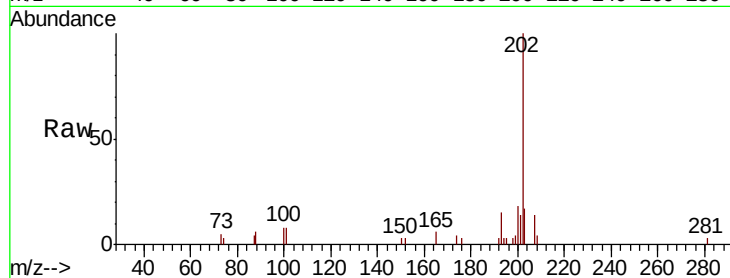




#77
 Fluoranthene
 Concen: 1.209 ng/ul
 RT: 19.23 min Scan# 2762
 Delta R.T. 0.00 min
 Lab File: BM028931.D
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Tot Ion:	202	Resp:	7395
Ion	Ratio	Lower	Upper
202	100		
101	7.9	8.1	12.1#
100	8.0	6.5	9.7



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

