

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022621\
 Data File : BM028908.D
 Acq On : 25 Feb 2021 22:06
 Operator : CG/JU
 Sample : M1482-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGN1

Quant Time: Feb 25 23:57:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 25 23:08:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	16737	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	65486	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	36384	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	69728	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	60175	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	59432	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	1762	5.01	ng/uL	0.00
5) Phenol-d5	6.99	99	7063	5.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	19786	27.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	25730	23.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	14034	13.12	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	13800	29.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	16222	30.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	25957	25.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	4035	3.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	91349	34.83	ng/ul	0.00
47) Acenaphthylene-d8	14.15	160	107627	32.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.71	143	2322	5.11	ng/ul	0.00
58) Fluorene-d10	15.46	176	78538	35.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	14591	34.21	ng/ul	0.00
71) Anthracene-d10	17.30	188	124605	39.24	ng/ul	0.00
79) Pyrene-d10	19.59	212	123577	41.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	120266	39.26	ng/ul	0.00

Target Compounds

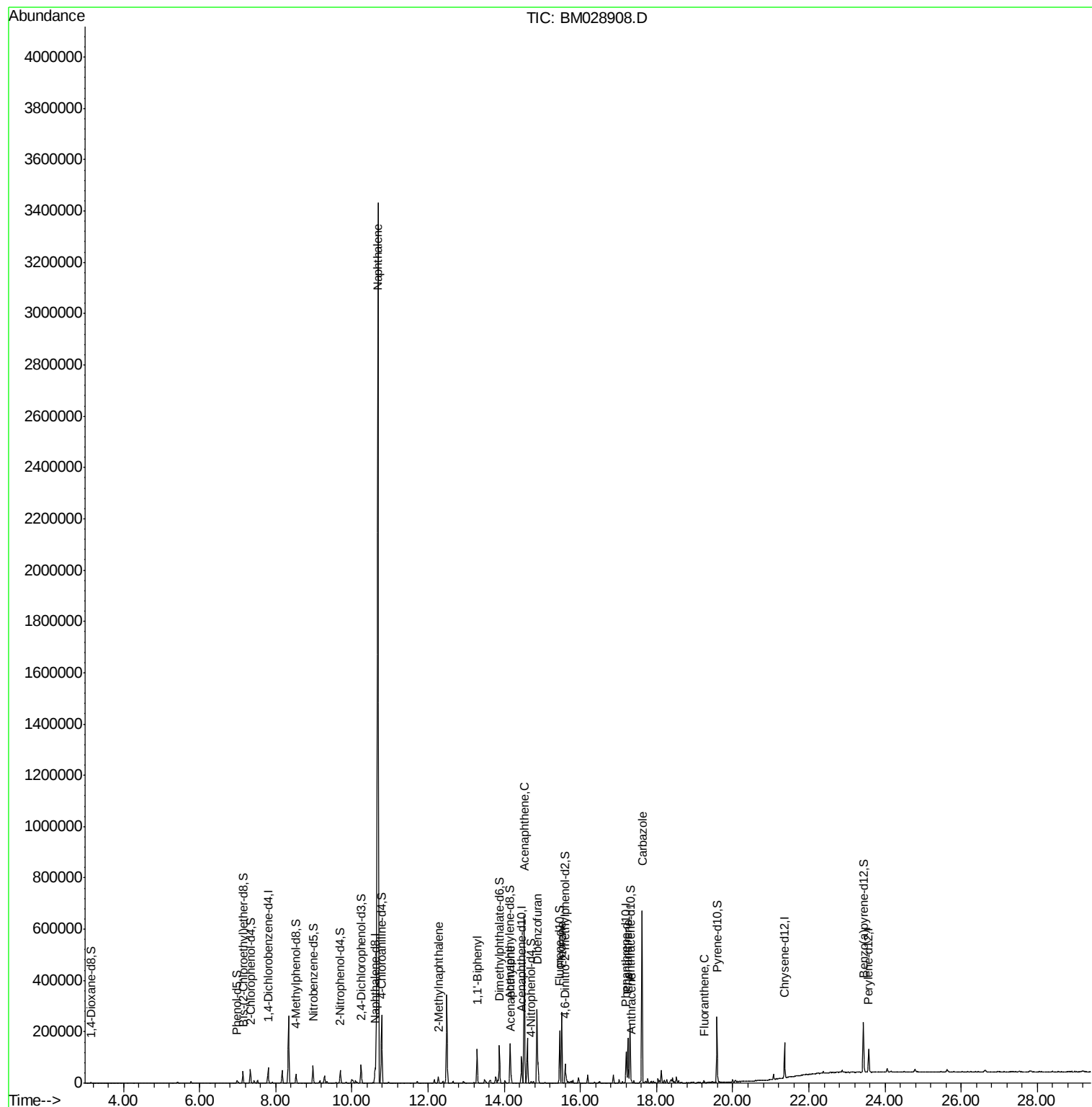
					Ovalue	
28) Naphthalene	10.69	128	3598989	1077.058	ng/ul	100
34) 2-Methylnaphthalene	12.27	142	10346	4.288	ng/ul	99
41) 1,1'-Biphenyl	13.29	154	65961	23.747	ng/ul	98
48) Acenaphthylene	14.18	152	13344	4.211	ng/ul#	97
50) Acenaphthene	14.53	153	251675	108.661	ng/ul	98
54) Dibenzofuran	14.86	168	176466	54.965	ng/ul	96
59) Fluorene	15.51	166	117252	43.719	ng/ul	100
70) Phenanthrene	17.24	178	96218	24.935	ng/ul	99
72) Anthracene	17.33	178	9762	2.447	ng/ul	97
75) Carbazole	17.62	167	416735	118.288	ng/ul	99
77) Fluoranthene	19.25	202	4960	1.145	ng/ul	95

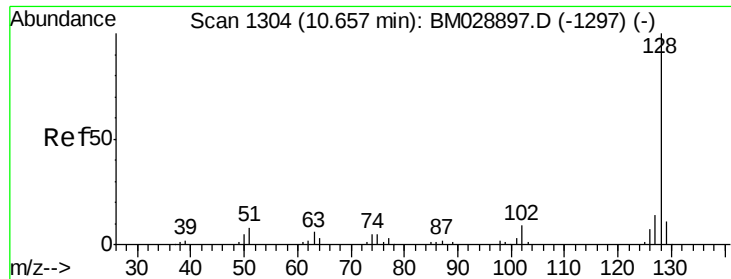
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 1077.058 ng/ul

RT: 10.69 min Scan# 1309

Delta R.T. 0.03 min

Lab File: BM028908.D

Acq: 25 Feb 2021 22:06

Instrument :

BNA_M

ClientSampleId :

DBGN1

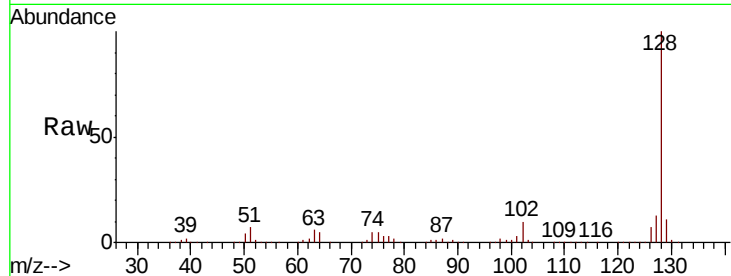
Tot Ion:128 Resp: 3598989

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

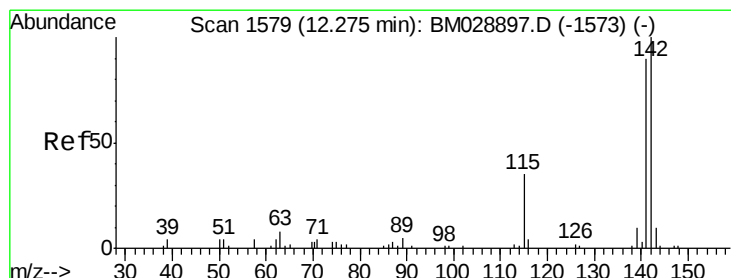
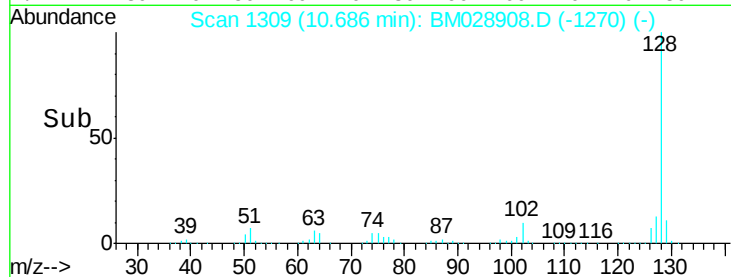
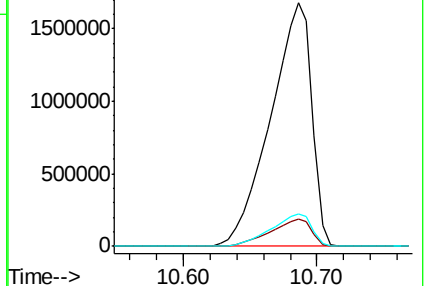
127 13.4 11.0 16.4



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: 4.288 ng/ul

RT: 12.27 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BM028908.D

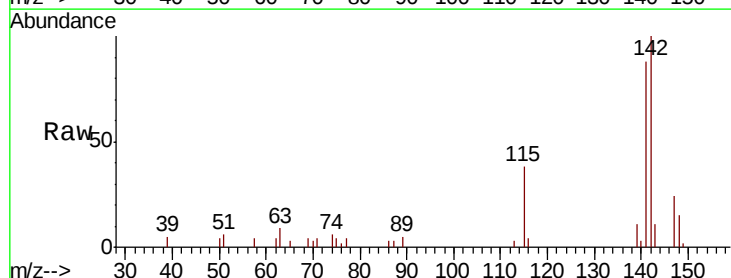
Acq: 25 Feb 2021 22:06

Tgt Ion:142 Resp: 10346

Ion Ratio Lower Upper

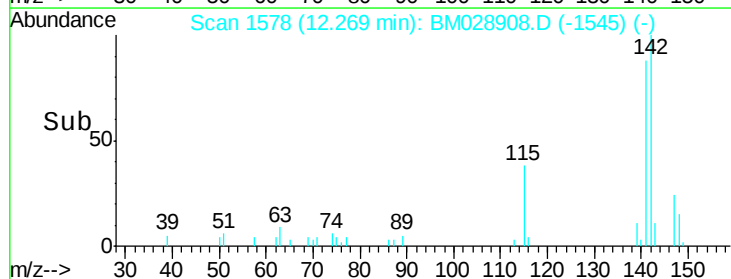
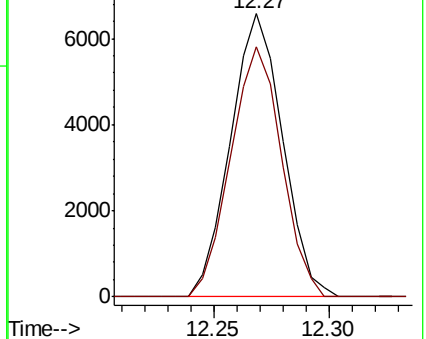
142 100

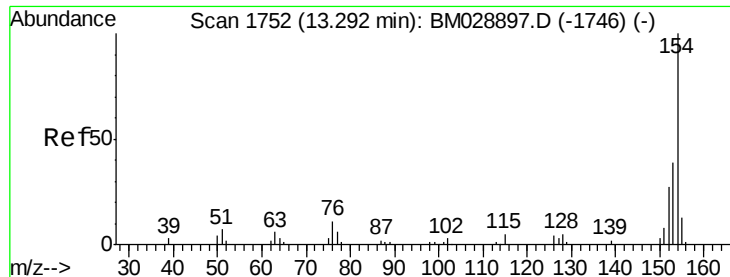
141 88.4 71.7 107.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

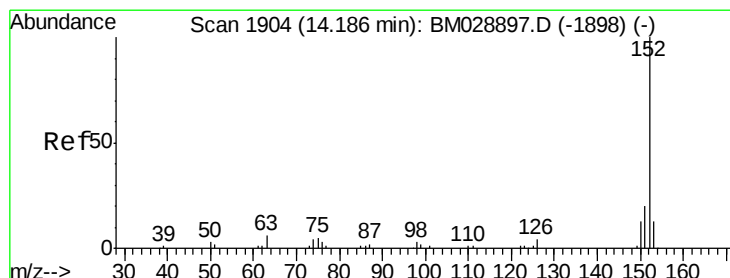
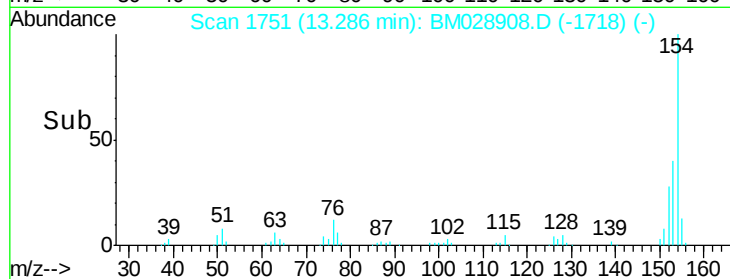
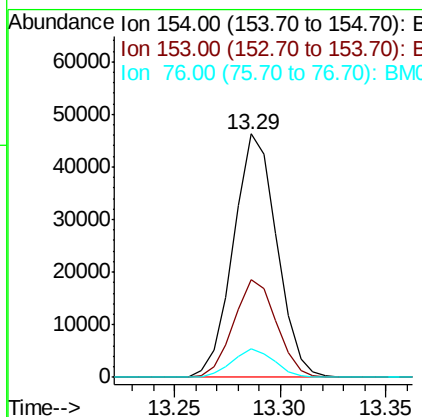
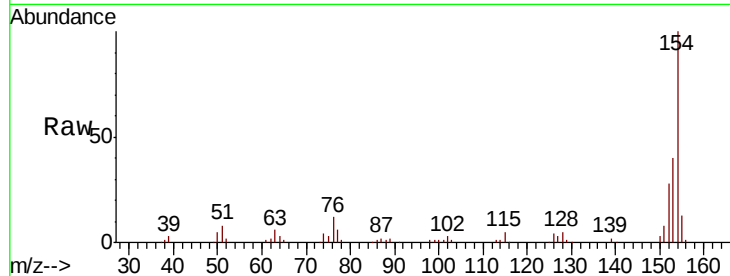




#41
 1,1'-Biphenyl
 Concen: 23.747 ng/ul
 RT: 13.29 min Scan# 1751
 Delta R.T. -0.01 min
 Lab File: BM028908.D
 Acq: 25 Feb 2021 22:06

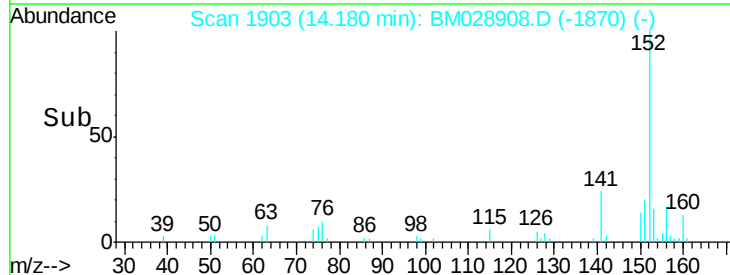
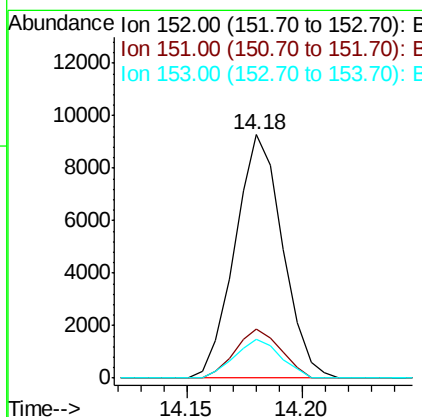
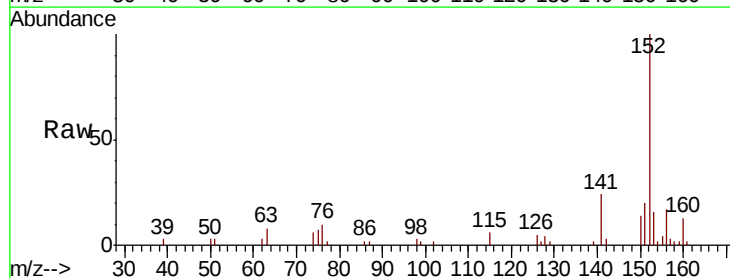
Instrument :
 BNA_M
 ClientSampleId :
 DBGN1

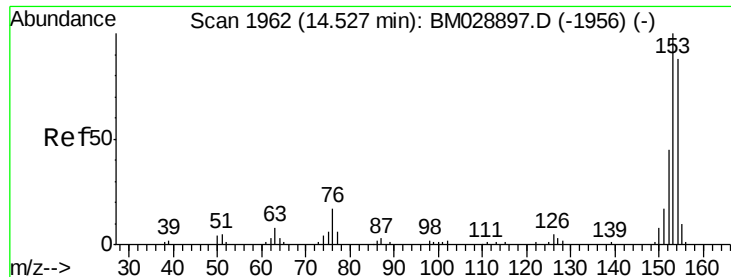
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	31.6	47.4
76	11.5	8.6	12.8



#48
 Acenaphthylene
 Concen: 4.211 ng/ul
 RT: 14.18 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BM028908.D
 Acq: 25 Feb 2021 22:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	15.9	10.4	15.6#





#50

Acenaphthene

Concen: 108.661 ng/ul

RT: 14.53 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BM028908.D

Acq: 25 Feb 2021 22:06

Instrument :

BNA_M

ClientSampled :

DBGN1

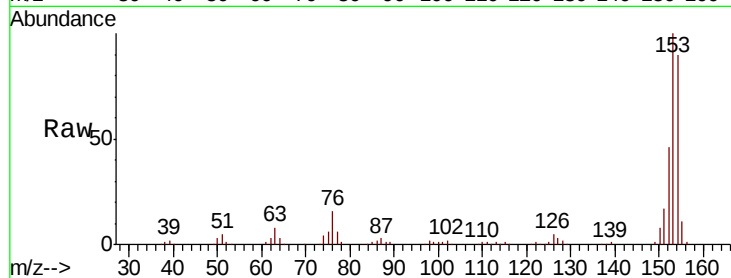
Tot Ion:153 Resp: 251675

Ion Ratio Lower Upper

153 100

152 46.4 36.0 54.0

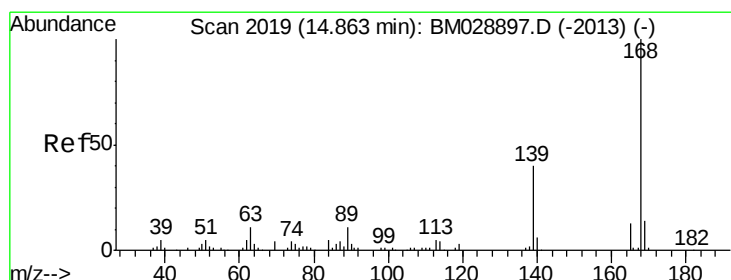
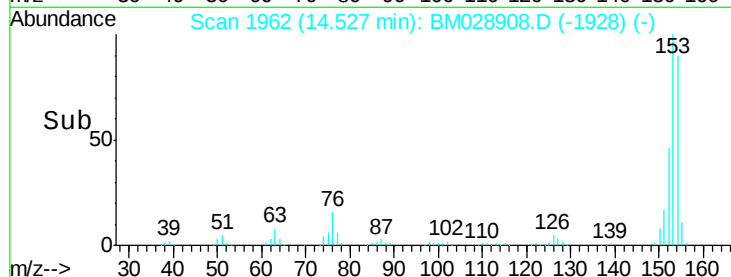
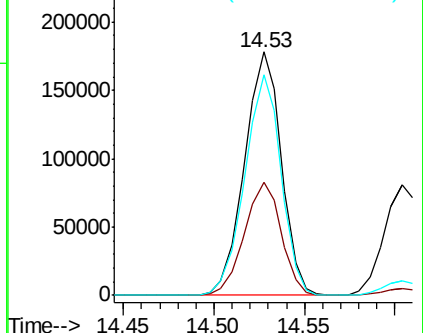
154 90.4 70.4 105.6



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: 54.965 ng/ul

RT: 14.86 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BM028908.D

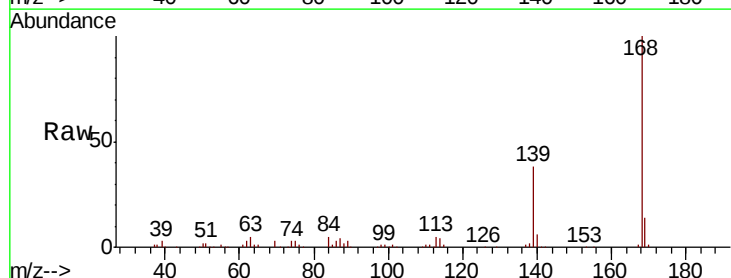
Acq: 25 Feb 2021 22:06

Tgt Ion:168 Resp: 176466

Ion Ratio Lower Upper

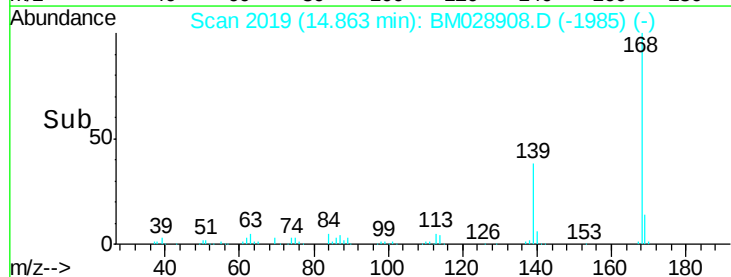
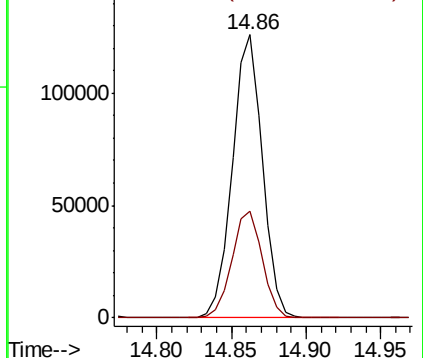
168 100

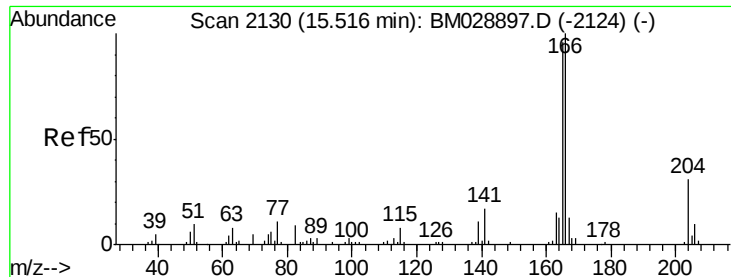
139 37.6 31.9 47.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 43.719 ng/ul

RT: 15.51 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BM028908.D

Acq: 25 Feb 2021 22:06

Instrument :

BNA_M

ClientSampleId :

DBGN1

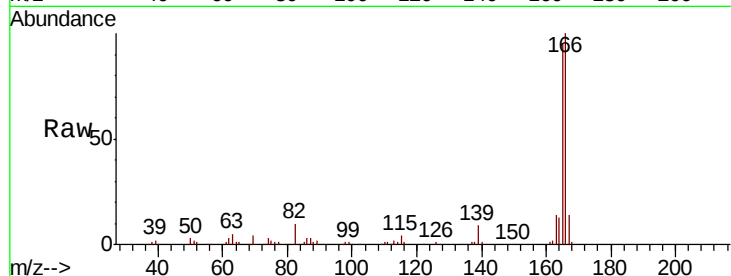
Tot Ion:166 Resp: 117252

Ion Ratio Lower Upper

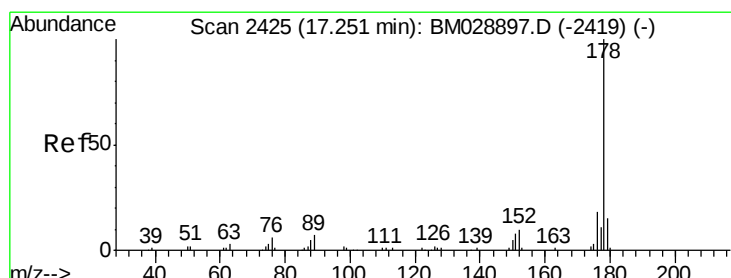
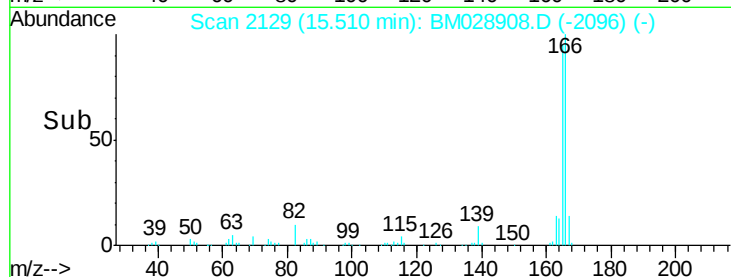
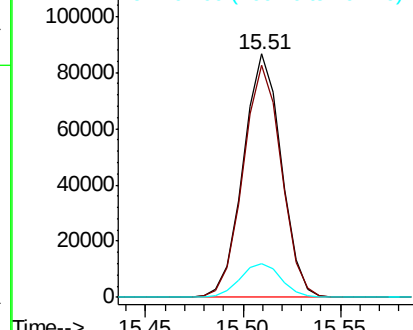
166 100

165 95.5 76.5 114.7

167 14.0 10.3 15.5



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: 24.935 ng/ul

RT: 17.24 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BM028908.D

Acq: 25 Feb 2021 22:06

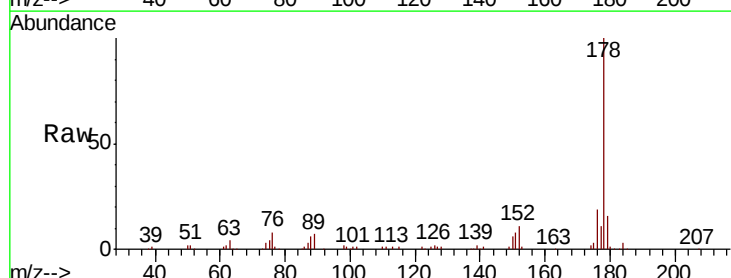
Tgt Ion:178 Resp: 96218

Ion Ratio Lower Upper

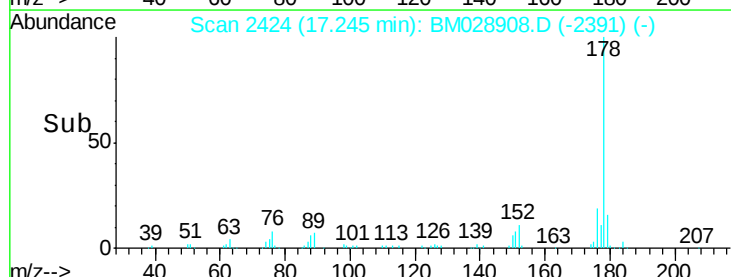
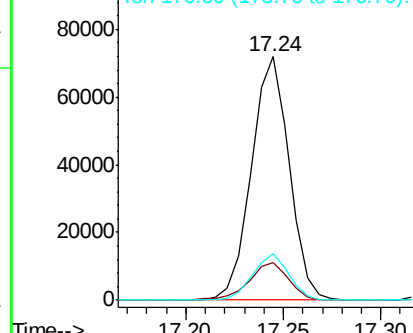
178 100

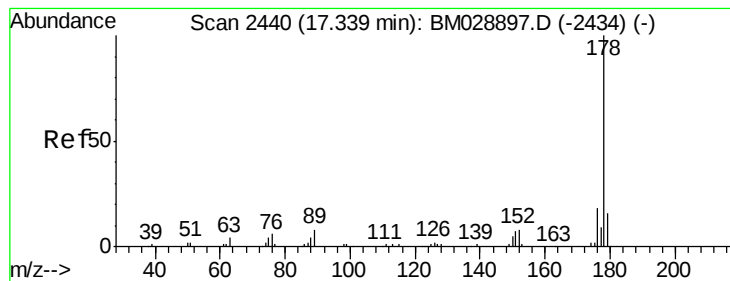
179 15.6 12.2 18.2

176 18.8 14.4 21.6



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: 2.447 ng/ul

RT: 17.33 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BM028908.D

Acq: 25 Feb 2021 22:06

Instrument :

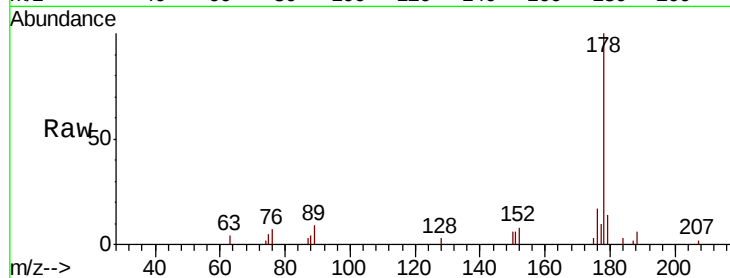
BNA_M

ClientSampleId :

DBGN1

Tot Ion:178 Resp: 9762

Ion	Ratio	Lower	Upper
178	100		
179	13.8	12.4	18.6
176	17.2	14.4	21.6

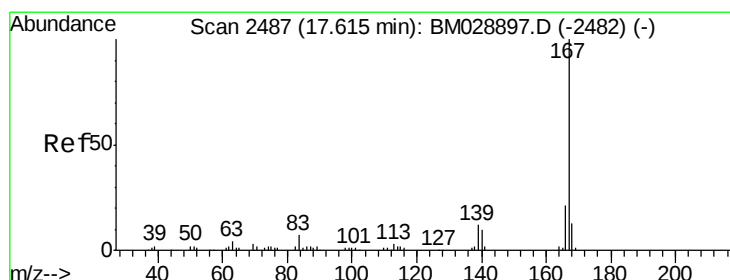
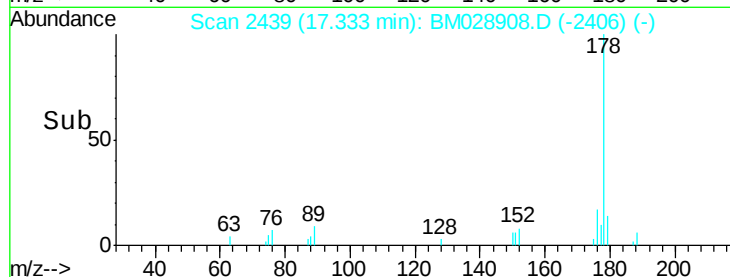
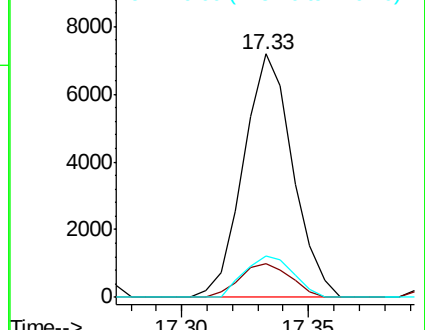


Abundance

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: 118.288 ng/ul

RT: 17.62 min Scan# 2488

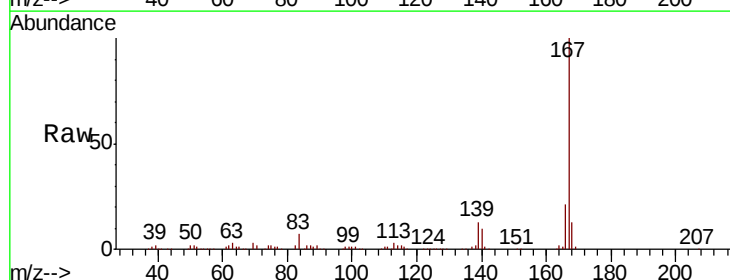
Delta R.T. 0.01 min

Lab File: BM028908.D

Acq: 25 Feb 2021 22:06

Tgt Ion:167 Resp: 416735

Ion	Ratio	Lower	Upper
167	100		
166	21.2	16.7	25.1
139	13.0	9.8	14.8

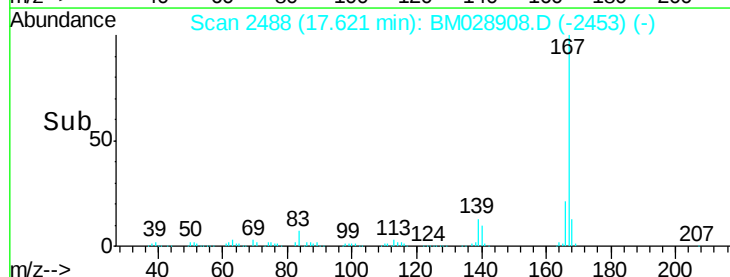
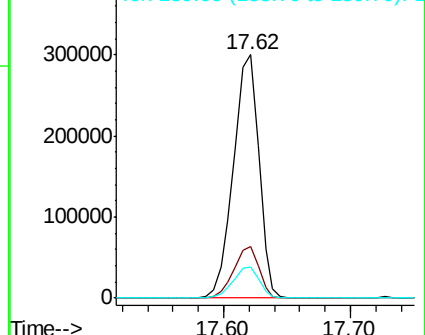


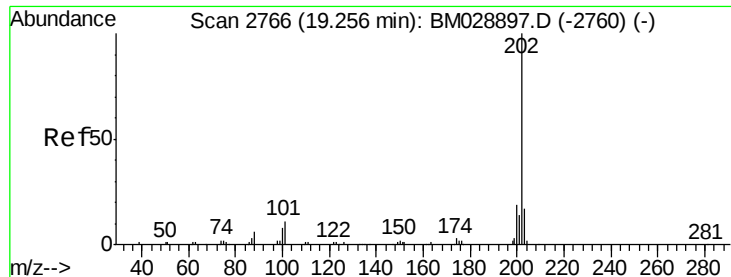
Abundance

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: 1.145 ng/ul

RT: 19.25 min Scan# 2765

Delta R.T. -0.01 min

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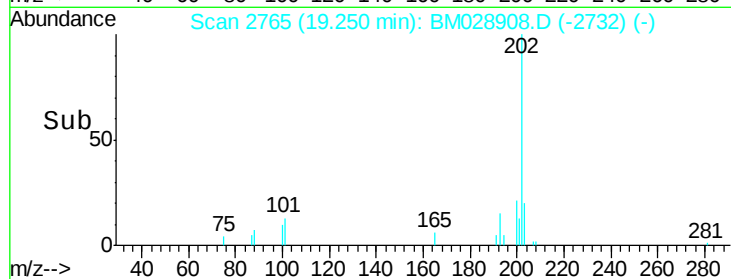
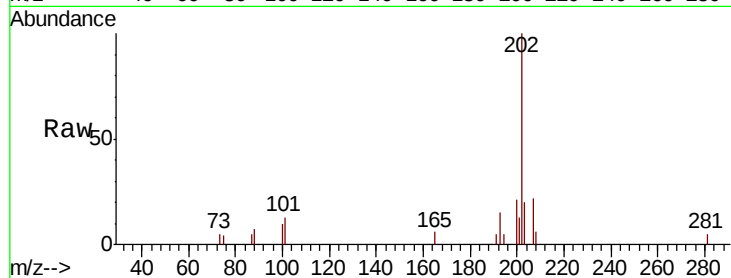
Tot Ion:202 Resp: 4960

Ion Ratio Lower Upper

202 100

101 12.6 8.5 12.7

100 9.8 6.6 9.8



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): E

