

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
 Data File : BM028947.D
 Acq On : 27 Feb 2021 08:41
 Operator : CG/JU
 Sample : M1498-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8G7

Quant Time: Mar 01 00:03:21 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	16080	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	65891	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	37445	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	70116	20.00	ng/ul	-0.01
78) Chrysene-d12	21.34	240	61338	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	59543	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	1615	4.52	ng/uL	0.00
5) Phenol-d5	6.96	99	9490	8.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	21592	32.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	28284	27.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	17729	18.96	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	15328	32.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	17525	33.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	30042	30.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	36409	32.62	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	88449	34.36	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	106256	30.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.69	143	3202	7.15	ng/ul	0.02
58) Fluorene-d10	15.43	176	71778	31.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	9231	22.08	ng/ul	0.00
71) Anthracene-d10	17.27	188	110752	34.75	ng/ul	0.00
79) Pyrene-d10	19.56	212	111637	37.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	108361	35.83	ng/ul	0.00

Target Compounds

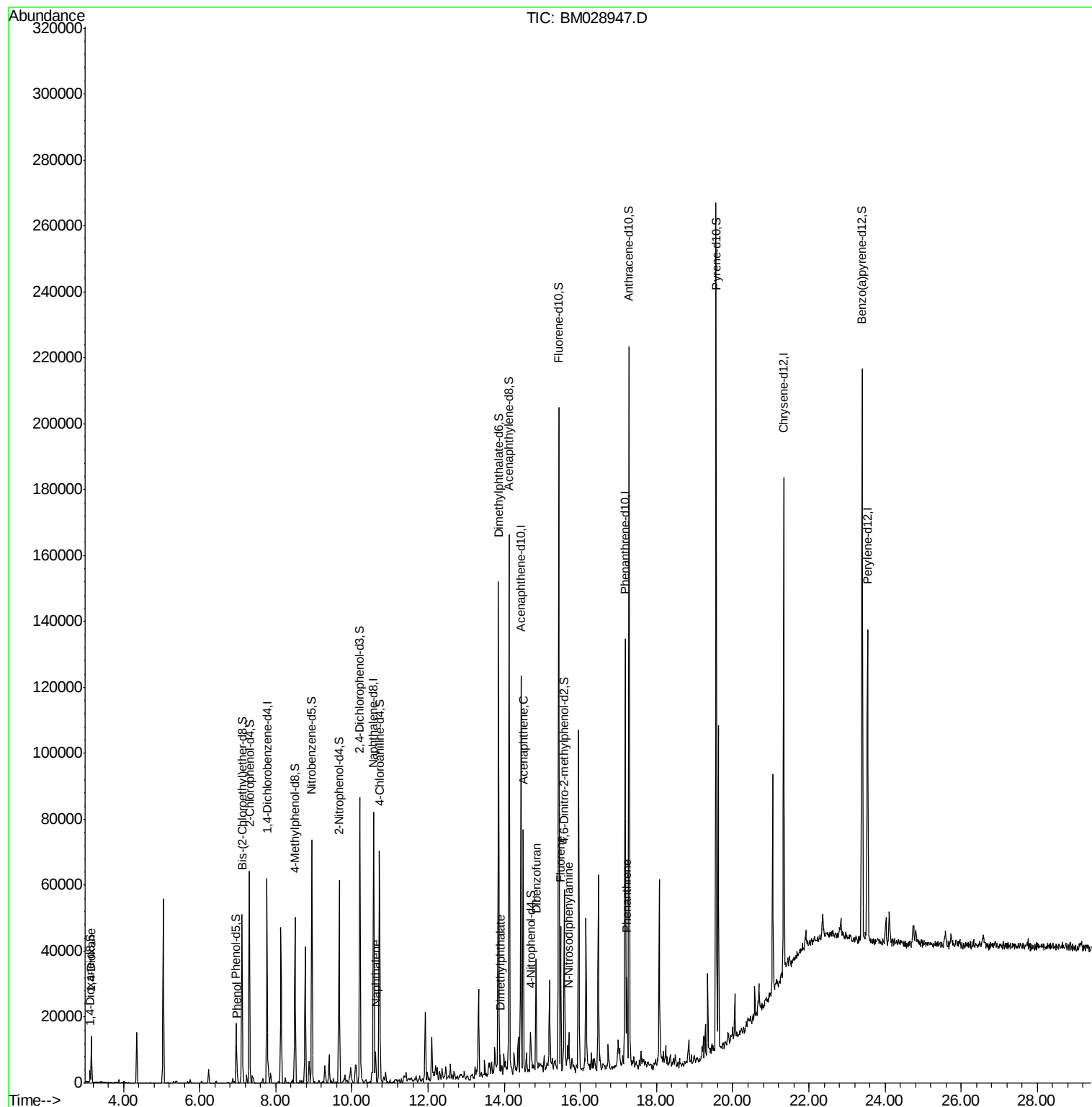
					Ovalue	
2) 1,4-Dioxane	3.15	88	5748	15.971	ng/uL	91
6) Phenol	6.99	94	2385	1.977	ng/ul	91
28) Naphthalene	10.62	128	7781	2.315	ng/ul#	93
45) Dimethylphthalate	13.90	163	3606	1.343	ng/ul#	94
50) Acenaphthene	14.50	153	27011	11.387	ng/ul	98
54) Dibenzofuran	14.83	168	18164	5.531	ng/ul	99
59) Fluorene	15.49	166	15854	5.887	ng/ul	99
65) N-Nitrosodiphenylamine	15.70	169	2155	1.000	ng/ul	98
70) Phenanthrene	17.22	178	14373	3.740	ng/ul	96

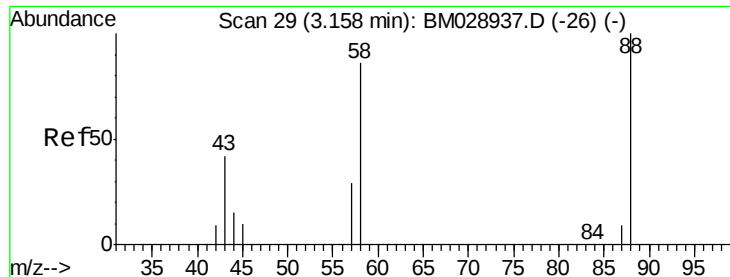
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 15.971 ng/uL

RT: 3.15 min Scan# 28

Delta R.T. -0.01 min

Lab File: BM028947.D

Acq: 27 Feb 2021 08:41

Instrument :

BNA_M

ClientSampleId :

CB8G7

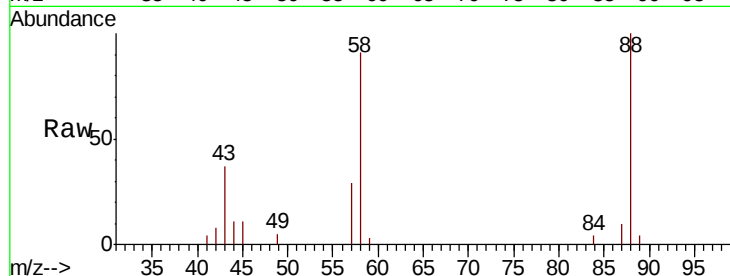
Tot Ion: 88 Resp: 5748

Ion Ratio Lower Upper

88 100

43 36.9 31.5 47.3

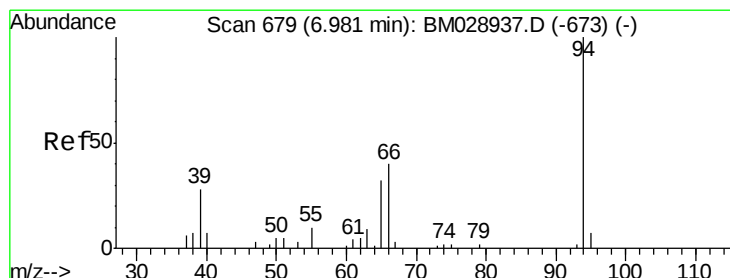
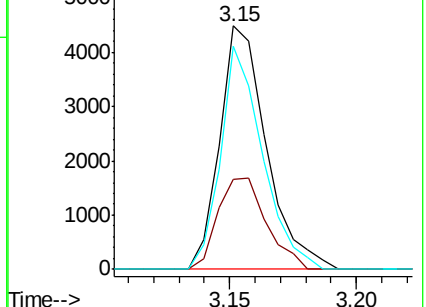
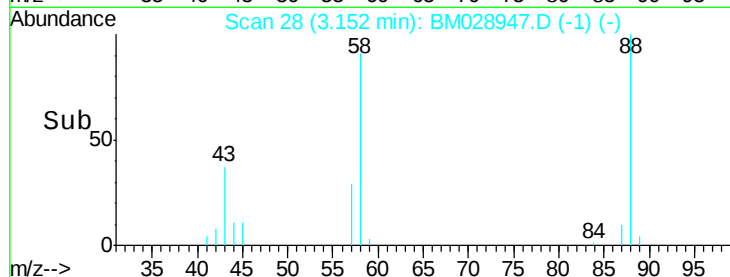
58 91.4 64.9 97.3



Abundance Ion 88.00 (87.70 to 88.70): BM028947.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM028947.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM028947.D (-1) (-)



#6

Phenol

Concen: 1.977 ng/uL

RT: 6.99 min Scan# 680

Delta R.T. -0.00 min

Lab File: BM028947.D

Acq: 27 Feb 2021 08:41

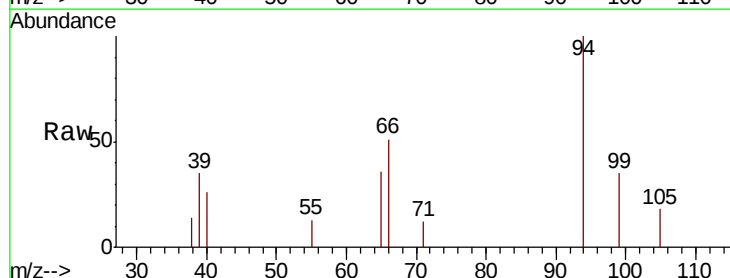
Tgt Ion: 94 Resp: 2385

Ion Ratio Lower Upper

94 100

65 35.9 27.1 40.7

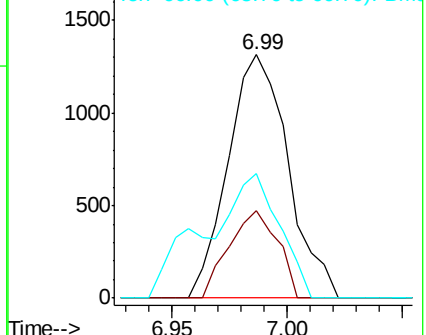
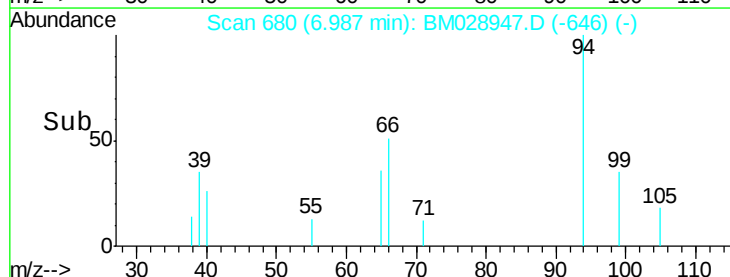
66 51.4 34.6 51.8

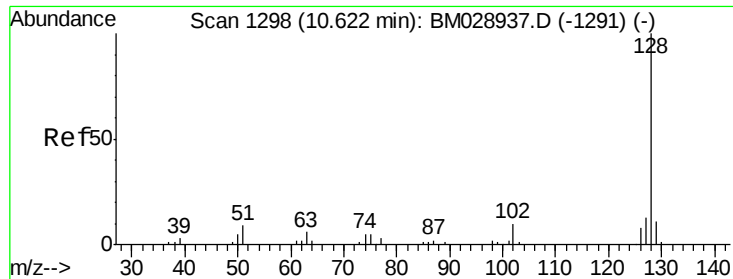


Abundance Ion 94.00 (93.70 to 94.70): BM028947.D (-646) (-)

Ion 65.00 (64.70 to 65.70): BM028947.D (-646) (-)

Ion 66.00 (65.70 to 66.70): BM028947.D (-646) (-)

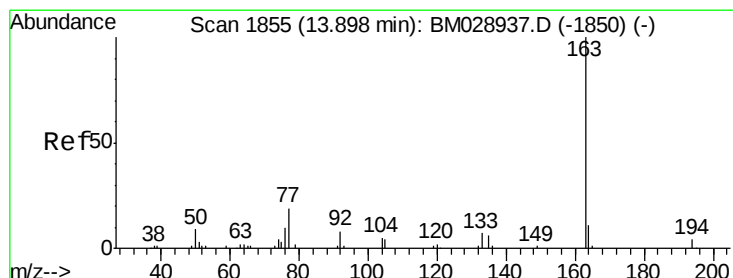
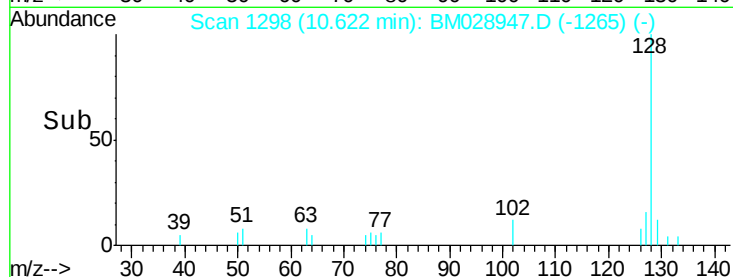
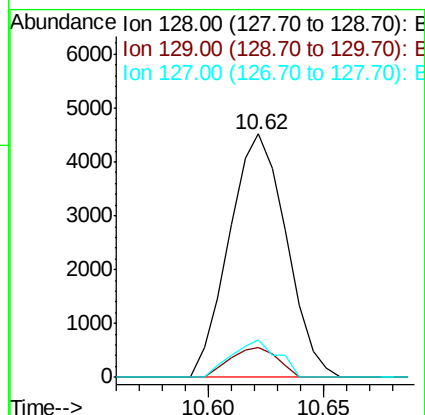
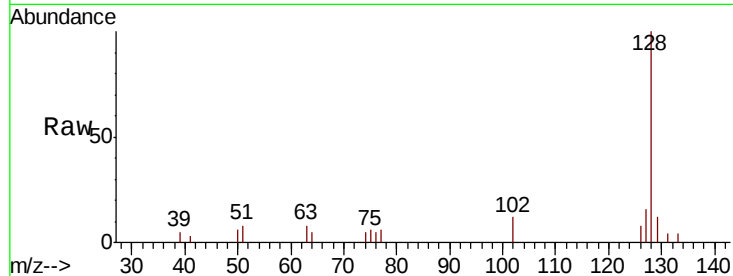




#28
Naphthalene
Concen: 2.315 ng/ul
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM028947.D
Acq: 27 Feb 2021 08:41

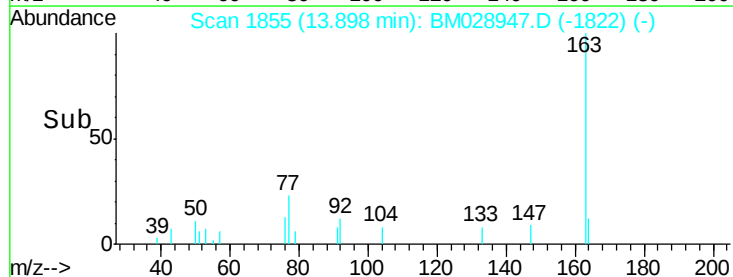
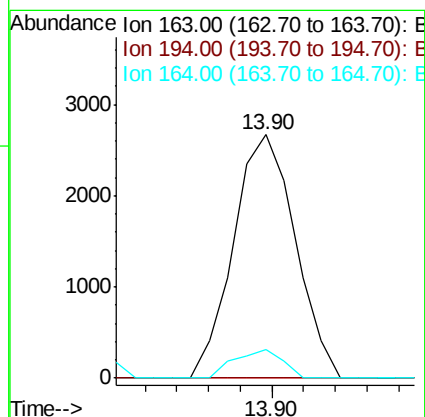
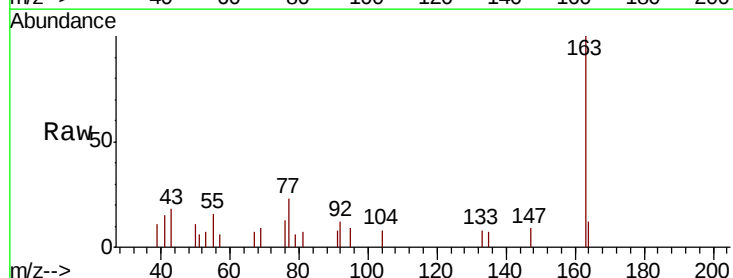
Instrument :
BNA_M
ClientSampleId :
CB8G7

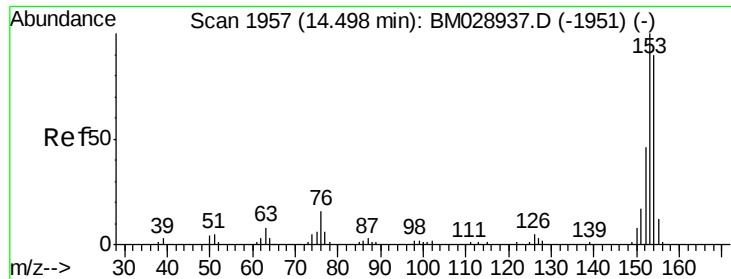
Tot Ion:128 Resp: 7781
Ion Ratio Lower Upper
128 100
129 12.3 8.5 12.7
127 15.5 9.4 14.0#



#45
Dimethylphthalate
Concen: 1.343 ng/ul
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM028947.D
Acq: 27 Feb 2021 08:41

Tgt Ion:163 Resp: 3606
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 11.7 8.2 12.2





#50

Acenaphthene

Concen: 11.387 ng/ul

RT: 14.50 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BM028947.D

Acq: 27 Feb 2021 08:41

Instrument :

BNA_M

ClientSampleId :

CB8G7

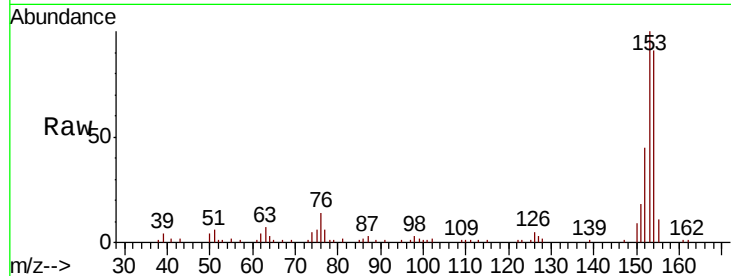
Tot Ion:153 Resp: 27011

Ion Ratio Lower Upper

153 100

152 45.1 37.6 56.4

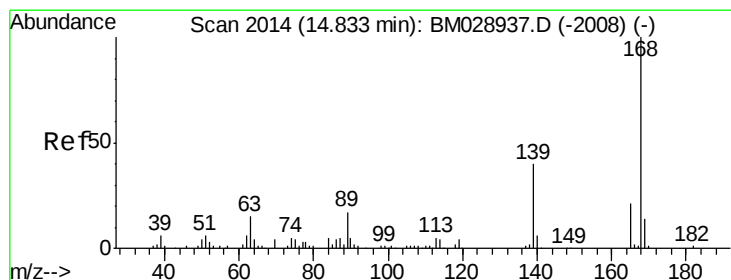
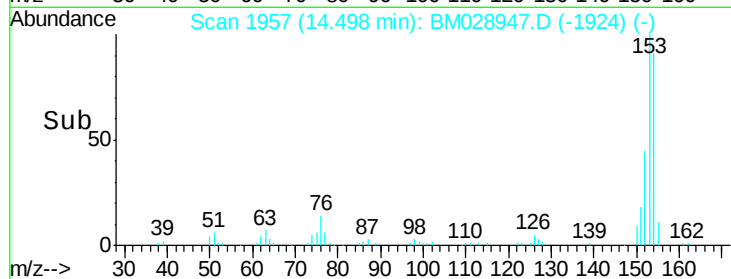
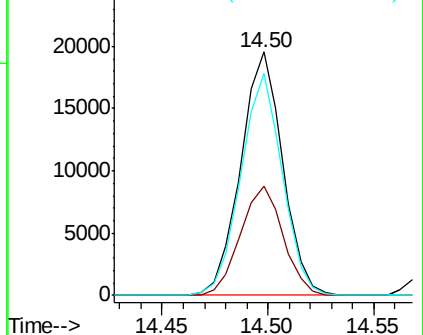
154 91.0 73.6 110.4



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: 5.531 ng/ul

RT: 14.83 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BM028947.D

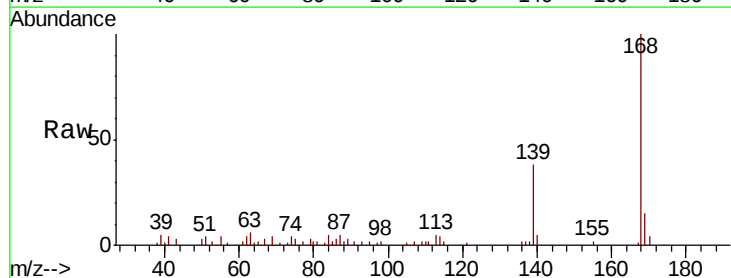
Acq: 27 Feb 2021 08:41

Tgt Ion:168 Resp: 18164

Ion Ratio Lower Upper

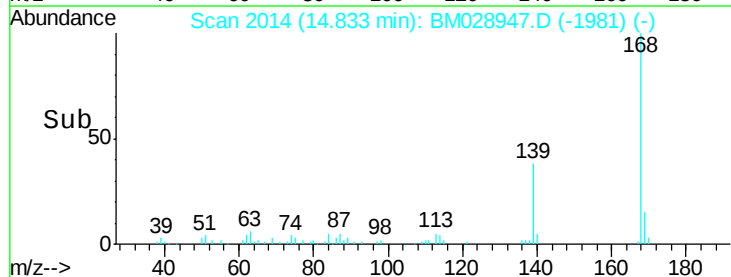
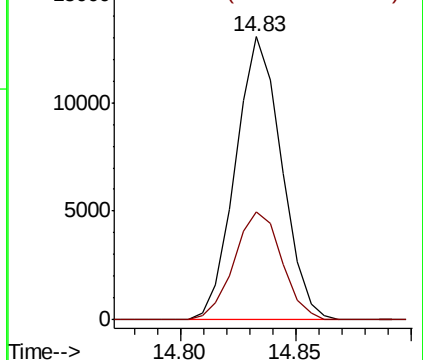
168 100

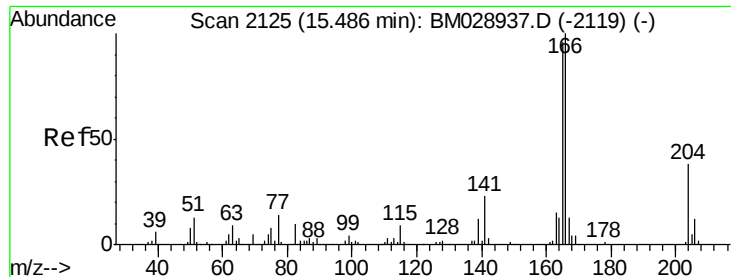
139 38.1 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 5.887 ng/ul

RT: 15.49 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BM028947.D

Acq: 27 Feb 2021 08:41

Instrument :

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ClientSampleId :

CB8G7

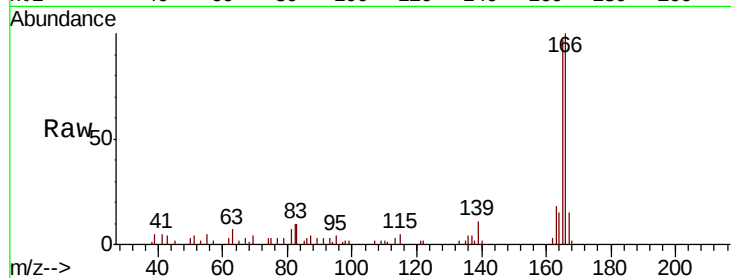
Tot Ion:166 Resp: 15854

Ion Ratio Lower Upper

166 100

165 97.1 77.4 116.0

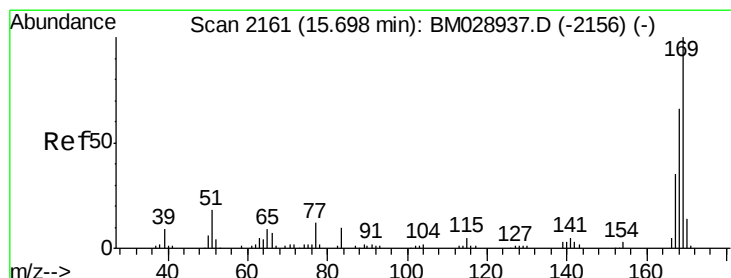
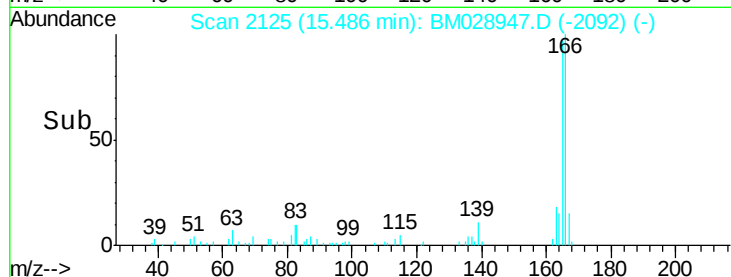
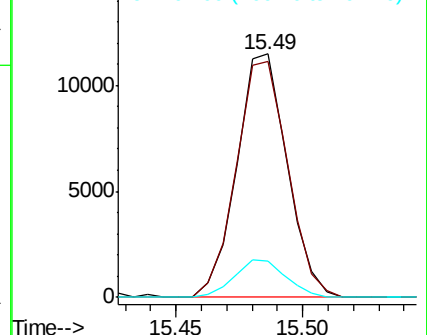
167 15.0 10.6 15.8



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



#65

N-Nitrosodiphenylamine

Concen: 1.000 ng/ul

RT: 15.70 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BM028947.D

Acq: 27 Feb 2021 08:41

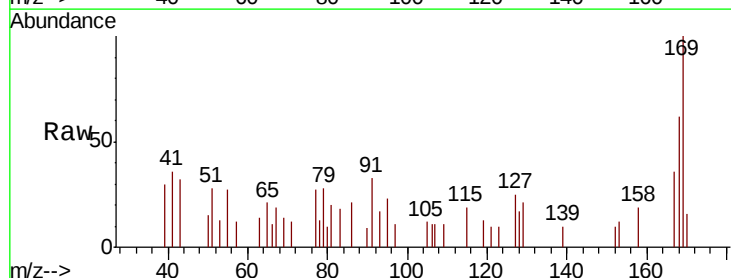
Tgt Ion:169 Resp: 2155

Ion Ratio Lower Upper

169 100

168 62.2 49.8 74.8

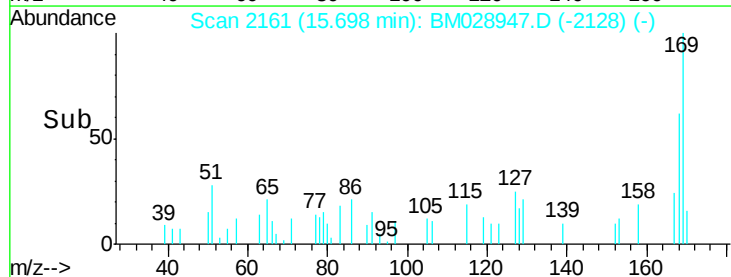
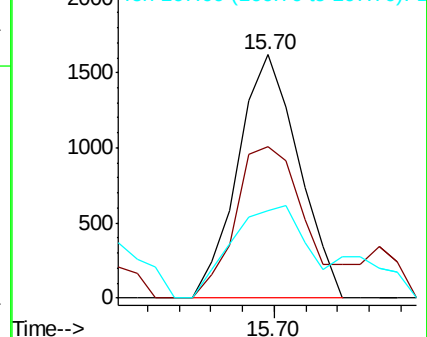
167 35.9 26.4 39.6

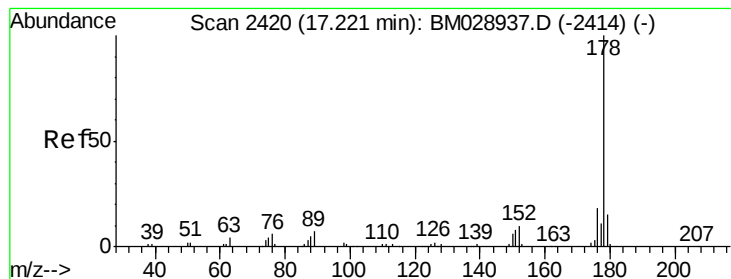


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 3.740 ng/ul

RT: 17.22 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BM028947.D

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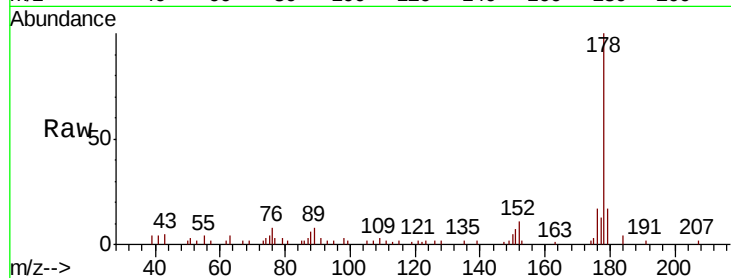
Tot Ion:178 Resp: 14373

Ion Ratio Lower Upper

178 100

179 17.0 12.2 18.2

176 17.2 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

