

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022621\
 Data File : BM028909.D
 Acq On : 25 Feb 2021 22:42
 Operator : CG/JU
 Sample : M1482-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGJ2

Manual Integrations
 APPROVED

mohammad
 2/26/2021 10:43:11 AM

Quant Time: Feb 26 00:06:03 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	15130	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	58765	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	32457	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	60453	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	52316	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	51792	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	1795	5.65	ng/uL	0.00
5) Phenol-d5	6.98	99	7368	6.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	19466	29.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	25168	25.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	13941	14.42	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	13912	33.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	15876	33.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	25542	28.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	1783	1.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	81425	34.80	ng/ul	0.00
47) Acenaphthylene-d8	14.15	160	102593	34.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.71	143	2133	5.26	ng/ul	0.00
58) Fluorene-d10	15.45	176	69846	35.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	11643	31.49	ng/ul	0.00
71) Anthracene-d10	17.30	188	106558	38.70	ng/ul	0.00
79) Pyrene-d10	19.59	212	105694	40.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	103073	38.61	ng/ul	0.00

Target Compounds

					Ovalue
24) 2,4-Dimethylphenol	9.79	107	2999m	2.895	ng/ul
28) Naphthalene	10.66	128	791522	263.968	ng/ul 98
34) 2-Methylnaphthalene	12.27	142	57240	26.439	ng/ul 97
41) 1,1'-Biphenyl	13.29	154	9822	3.964	ng/ul 98
50) Acenaphthene	14.52	153	49352	23.886	ng/ul 97
54) Dibenzofuran	14.86	168	21052	7.351	ng/ul 100
59) Fluorene	15.51	166	18205	7.609	ng/ul 95
70) Phenanthrene	17.24	178	10426	3.116	ng/ul 98
75) Carbazole	17.61	167	59294	19.412	ng/ul 99

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

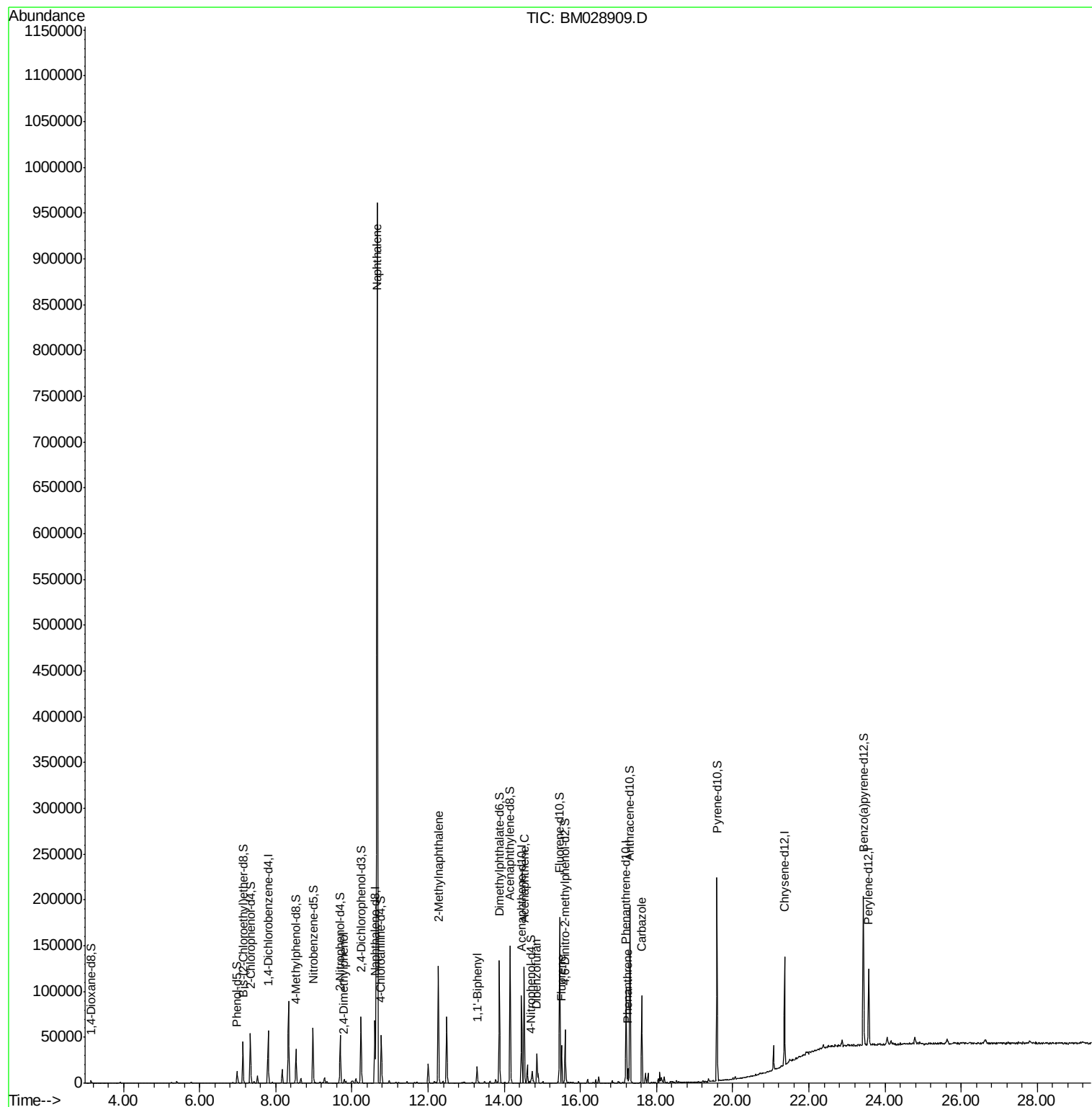
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022621\
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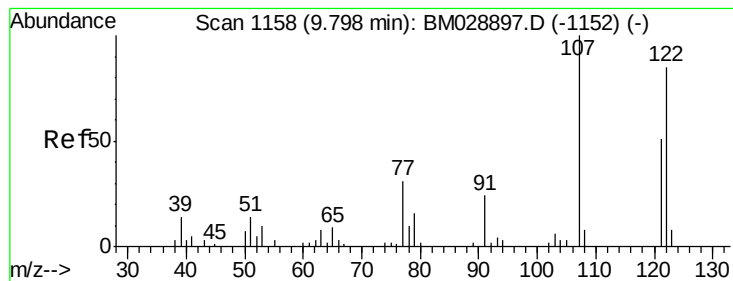
Instrument :
BNA_M
ClientSampleId :
DBGJ2

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QLast Update : Thu Feb 25 23:08:07 2021
Response via : Initial Calibration





#24

2,4-Dimethylphenol

Concen: 2.895 ng/ul m

RT: 9.79 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BM028909.D

Acq: 25 Feb 2021 22:42

Instrument :

BNA_M

ClientSampleId :

DBGJ2

Tot Ion:107 Resp: 2999

Ion Ratio Lower Upper

107 100

121 46.4 41.2 61.8

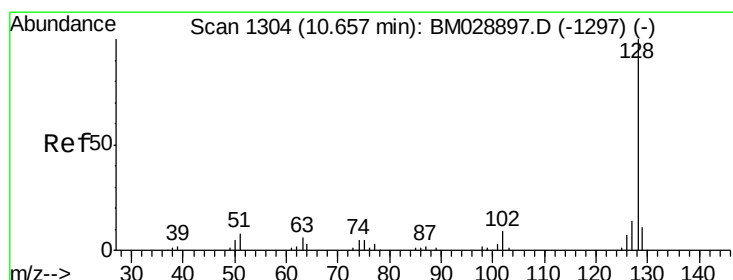
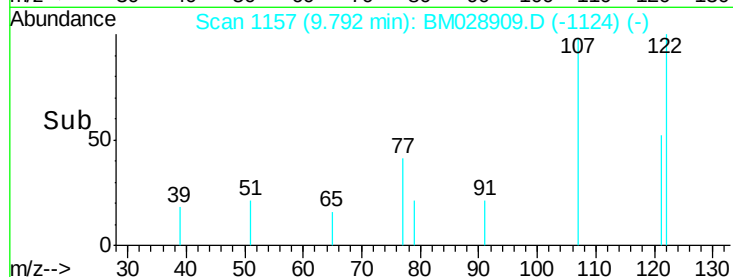
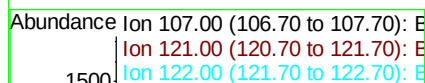
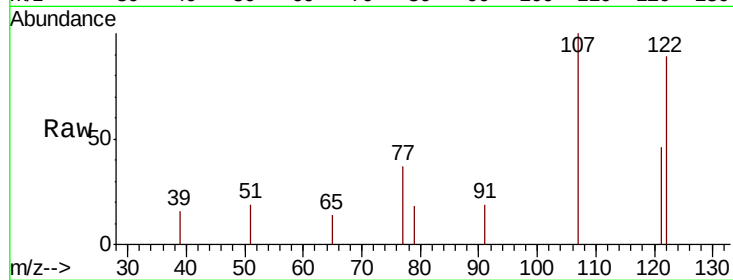
122 88.7 68.1 102.1

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#28

Naphthalene

Concen: 263.968 ng/ul

RT: 10.66 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BM028909.D

Acq: 25 Feb 2021 22:42

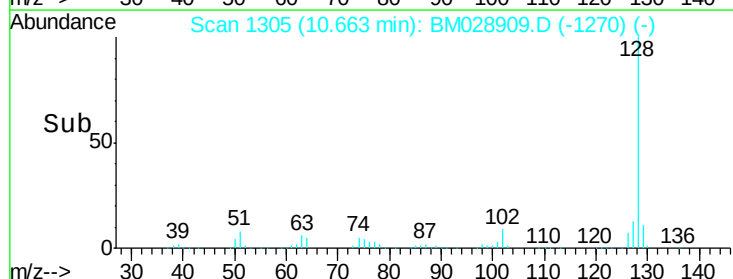
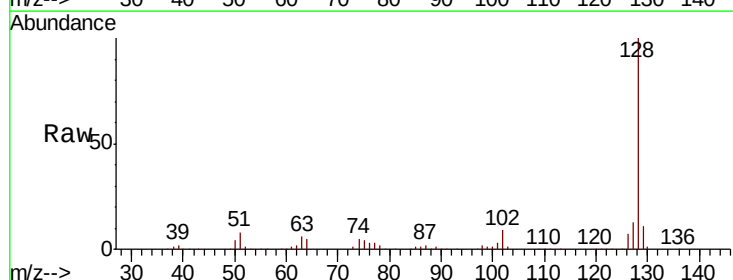
Tgt Ion:128 Resp: 791522

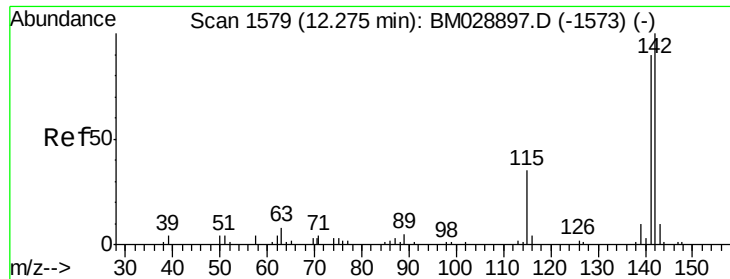
Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.4

127 12.9 11.0 16.4





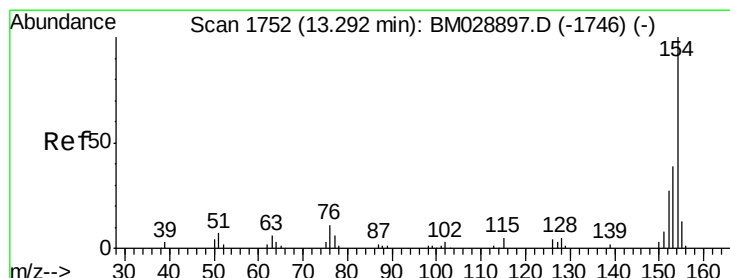
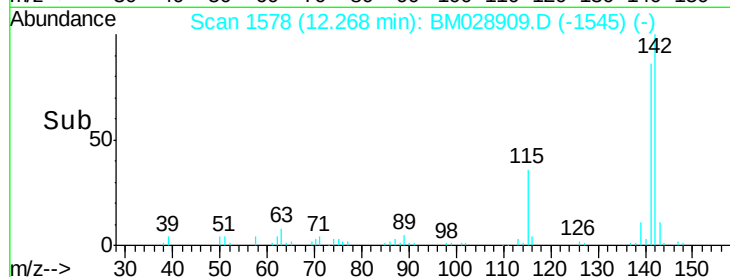
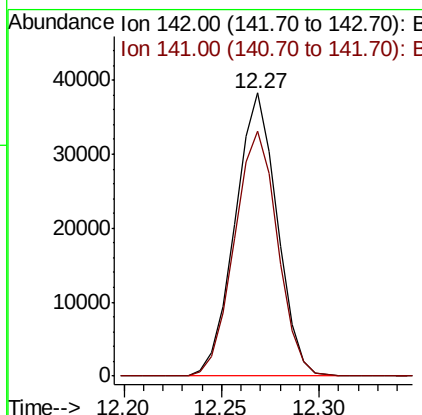
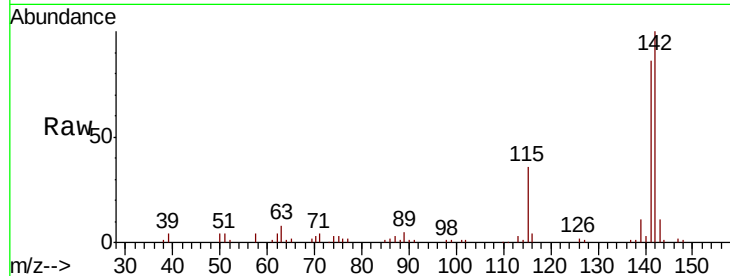
#34
 2-Methylnaphthalene
 Concen: 26.439 ng/ul
 RT: 12.27 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BM028909.D
 Acq: 25 Feb 2021 22:42

Instrument :
 BNA_M
 ClientSampleId :
 DBGJ2

Tot Ion:142 Resp: 57240
 Ion Ratio Lower Upper
 142 100
 141 86.4 71.7 107.5

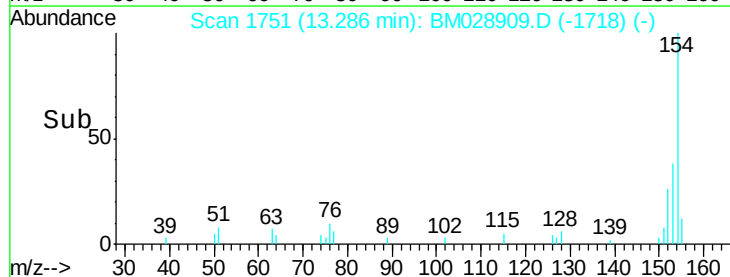
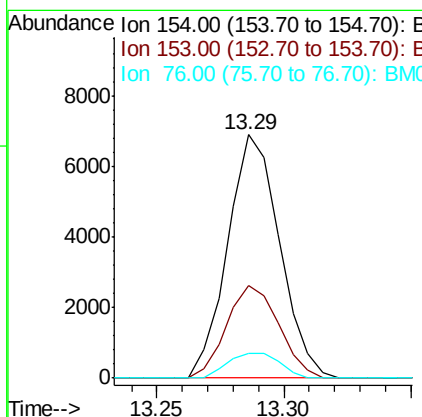
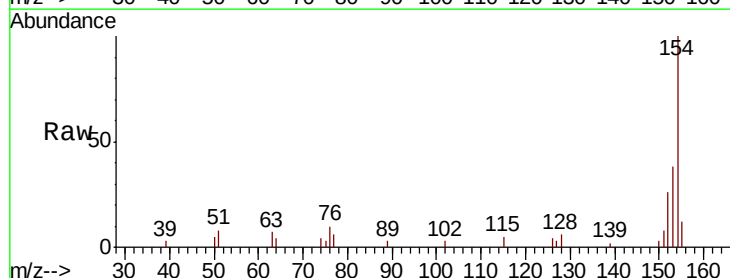
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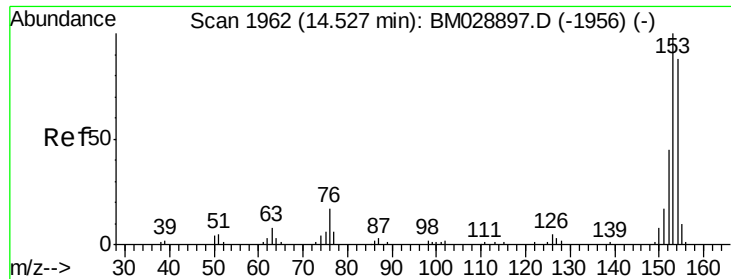
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#41
 1,1'-Biphenyl
 Concen: 3.964 ng/ul
 RT: 13.29 min Scan# 1751
 Delta R.T. -0.01 min
 Lab File: BM028909.D
 Acq: 25 Feb 2021 22:42

Tgt Ion:154 Resp: 9822
 Ion Ratio Lower Upper
 154 100
 153 38.0 31.6 47.4
 76 9.9 8.6 12.8





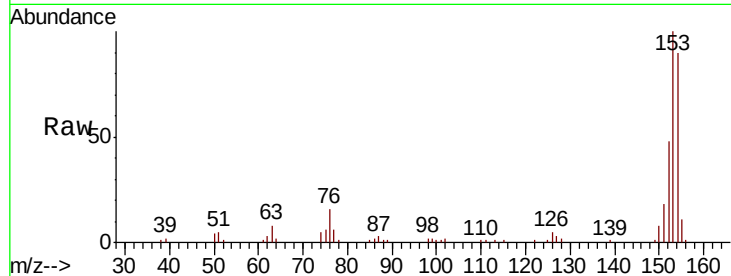
#50
Acenaphthene
Concen: 23.886 ng/ul
RT: 14.52 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BM028909.D
Acq: 25 Feb 2021 22:42

Instrument :
BNA_M
ClientSampled :
DBGJ2

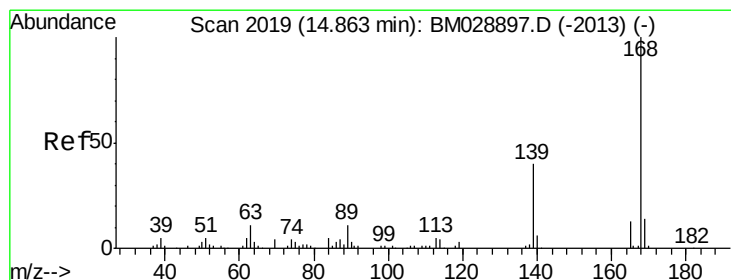
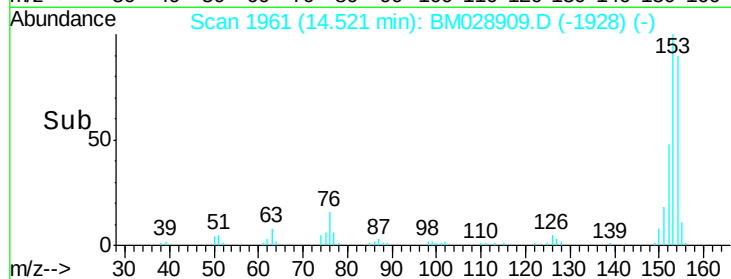
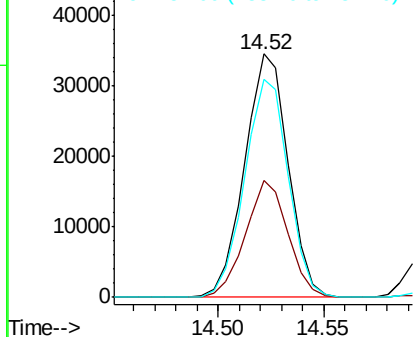
Tot Ion	Ratio	Lower	Upper
153	100		
152	47.9	36.0	54.0
154	89.6	70.4	105.6

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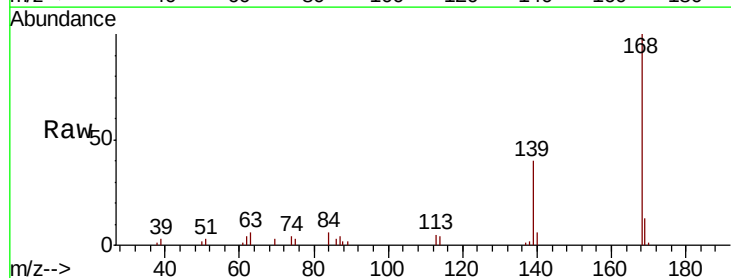


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E

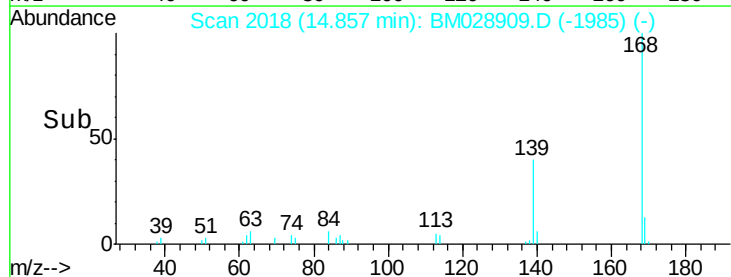
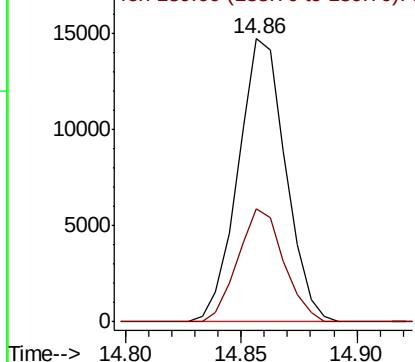


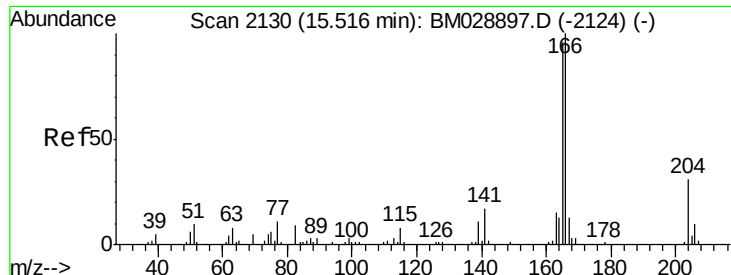
#54
Dibenzofuran
Concen: 7.351 ng/ul
RT: 14.86 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BM028909.D
Acq: 25 Feb 2021 22:42

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.0	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: 7.609 ng/ul

RT: 15.51 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BM028909.D

Acq: 25 Feb 2021 22:42

Instrument :

BNA_M

ClientSampled :

DBGJ2

Tot Ion:166 Resp: 18205

Ion Ratio Lower Upper

166 100

165 90.5 76.5 114.7

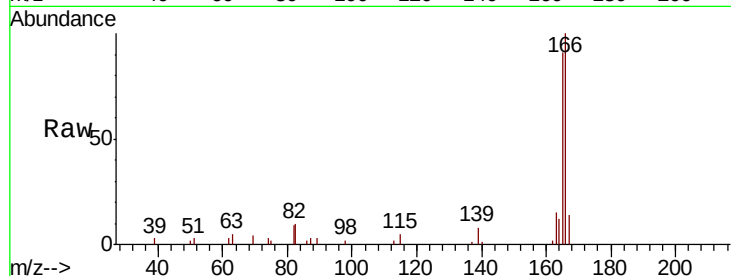
167 14.0 10.3 15.5

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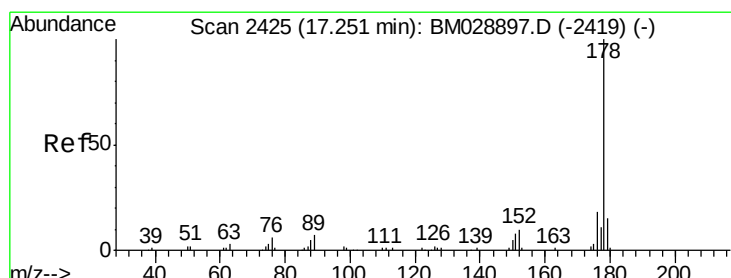
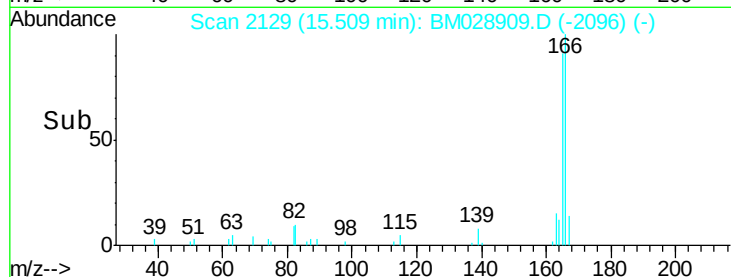
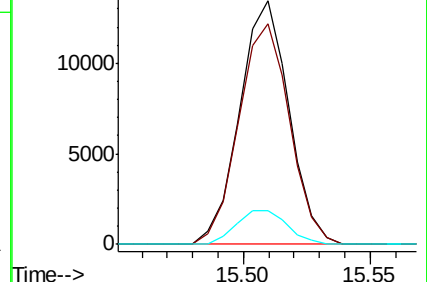
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 3.116 ng/ul

RT: 17.24 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BM028909.D

Acq: 25 Feb 2021 22:42

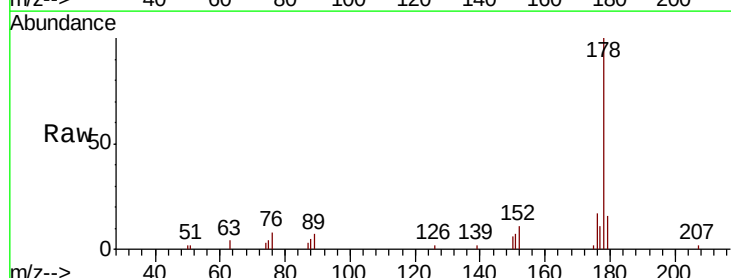
Tgt Ion:178 Resp: 10426

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.2

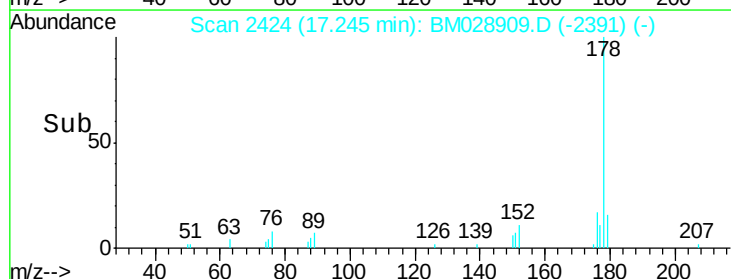
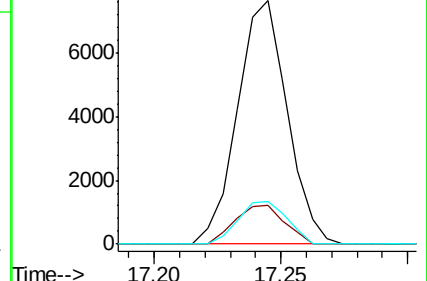
176 17.3 14.4 21.6

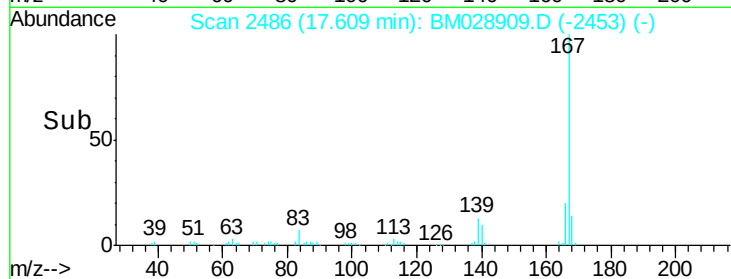
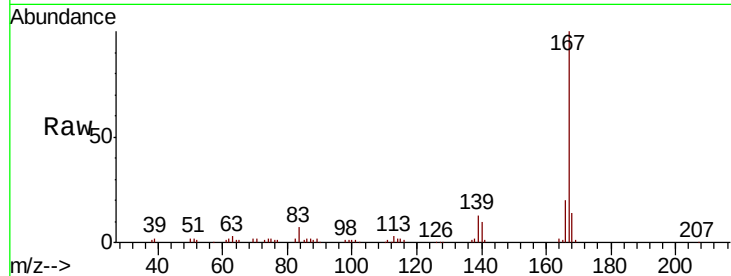
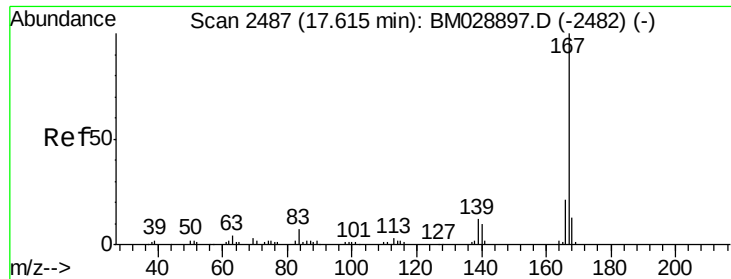


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 19.412 ng/ul

RT: 17.61 min Scan# 2486

Delta R.T. -0.01 min

Lab File: BM028909.D

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Instrument :

BNA_M

ClientSampleId :

DBGJ2

Tot Ion:167 Resp: 59294

Ion Ratio Lower Upper

167 100

166 20.3 16.7 25.1

139 13.0 9.8 14.8

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