

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
 Data File : BM039526.D
 Acq On : 20 Apr 2023 15:59
 Operator : CG/JU
 Sample : 02296-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCBM8

Quant Time: Apr 21 00:37:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 19 08:18:41 2023
 Response via : Initial Calibration

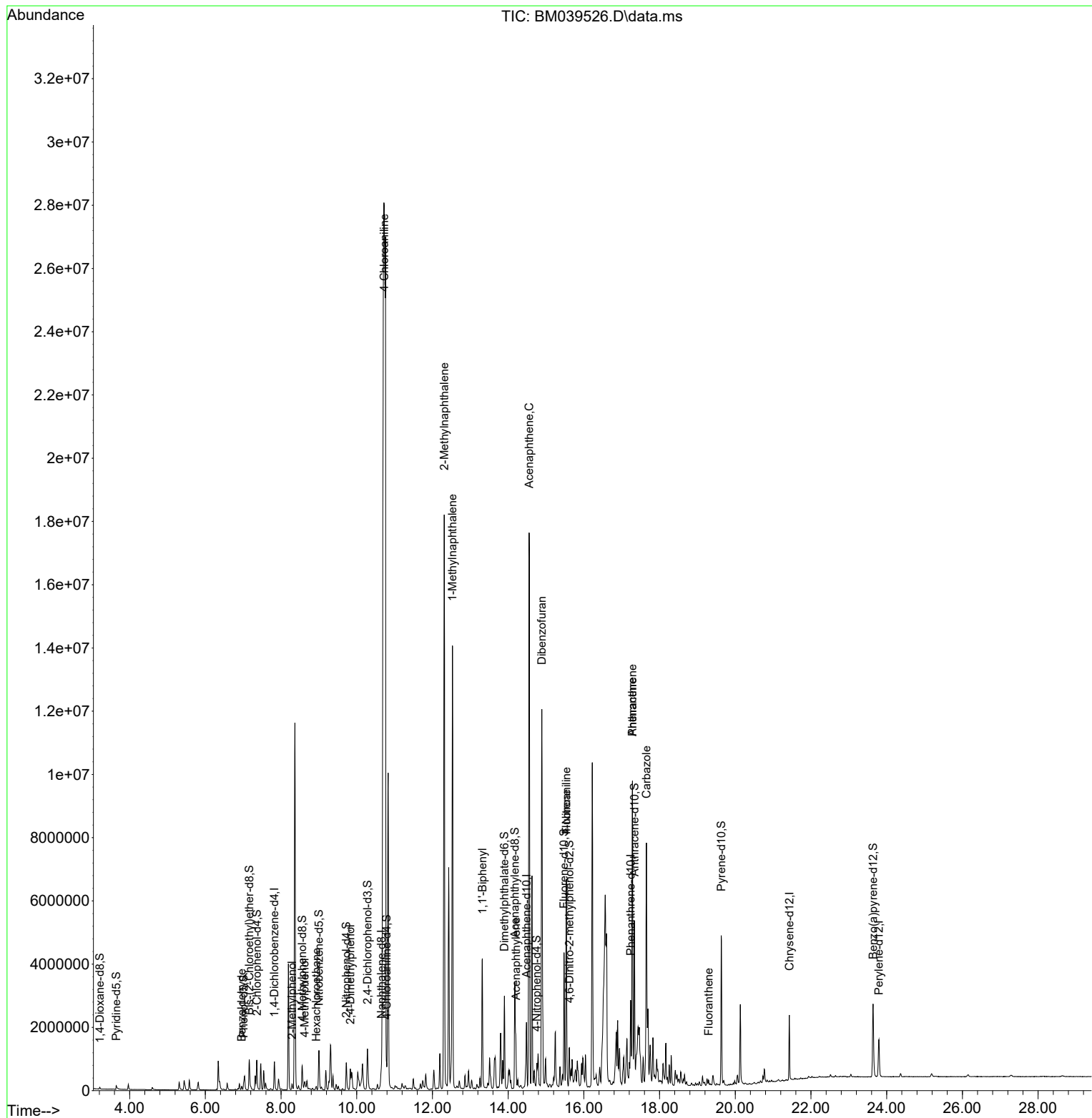
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	238278	20.000	ng/ul	0.00
20) Naphthalene-d8	10.654	136	1061106	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.483	164	700965	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.236	188	1499098	20.000	ng/ul	0.00
79) Chrysene-d12	21.430	240	974788	20.000	ng/ul	0.00
88) Perylene-d12	23.794	264	889770	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	27301	4.398	ng/uL	0.00
4) Pyridine-d5	3.649	84	74937	4.296	ng/ul	0.00
7) Phenol-d5	7.013	99	163687	7.506	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.160	67	452434	31.387	ng/ul	0.00
11) 2-Chlorophenol-d4	7.360	132	440896	25.772	ng/ul	0.00
15) 4-Methylphenol-d8	8.560	113	303388	17.270	ng/ul	0.00
21) Nitrobenzene-d5	9.001	128	281545	32.980	ng/ul	0.00
24) 2-Nitrophenol-d4	9.725	143	293171	30.584	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.284	165	508662	30.839	ng/ul	0.01
31) 4-Chloroaniline-d4	10.789	131	223901	9.089	ng/ul	0.00
46) Dimethylphthalate-d6	13.901	166	1859467	32.892	ng/ul	0.00
49) Acenaphthylene-d8	14.177	160	2069385	32.584	ng/ul	0.00
54) 4-Nitrophenol-d4	14.748	143	55648	6.504	ng/ul	0.02
60) Fluorene-d10	15.477	176	1603527	34.621	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.619	200	240862	24.178	ng/ul	0.00
73) Anthracene-d10	17.336	188	2499275	34.667	ng/ul	0.00
81) Pyrene-d10	19.630	212	2475408	38.216	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.642	264	1645600	34.256	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.960	77	9857	1.058	ng/ul#	1
13) 2-Methylphenol	8.290	108	65398	3.708	ng/ul	96
18) 4-Methylphenol	8.625	108	114934	6.036	ng/ul	96
19) Hexachloroethane	8.931	117	13916	1.780	ng/ul#	9
26) 2,4-Dimethylphenol	9.831	107	246907	12.080	ng/ul	99
32) 4-Chloroaniline	10.725	127	8389146	345.609	ng/ul#	8
36) 2-Methylnaphthalene	12.313	142	9011294	228.959	ng/ul	99
37) 1-Methylnaphthalene	12.530	142	6411331	162.102	ng/ul	98
43) 1,1'-Biphenyl	13.319	154	2118598	39.109	ng/ul	100
50) Acenaphthylene	14.207	152	111157	1.636	ng/ul#	74
52) Acenaphthene	14.554	153	7460303	159.501	ng/ul	99
56) Dibenzofuran	14.889	168	7556017	118.853	ng/ul	99
61) Fluorene	15.536	166	2843333	54.067	ng/ul	98
63) 4-Nitroaniline	15.536	138	36468	4.482	ng/ul#	24
72) Phenanthrene	17.283	178	5655584	67.954	ng/ul	100
74) Anthracene	17.283	178	5655584	67.738	ng/ul	98
77) Carbazole	17.654	167	4329548	58.356	ng/ul	99
80) Fluoranthene	19.295	202	81143	1.069	ng/ul	98

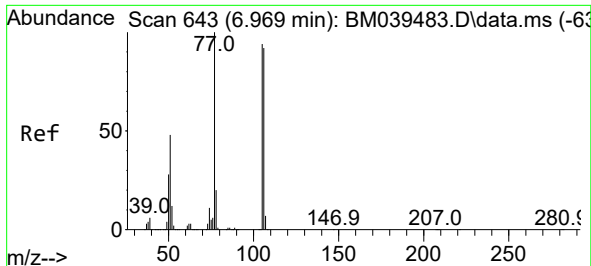
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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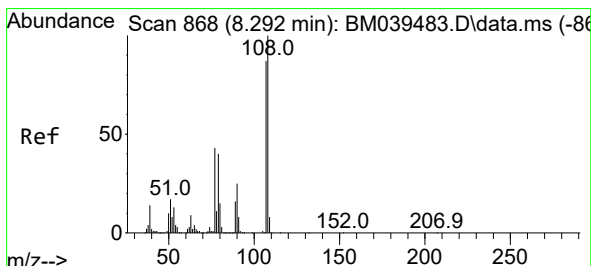
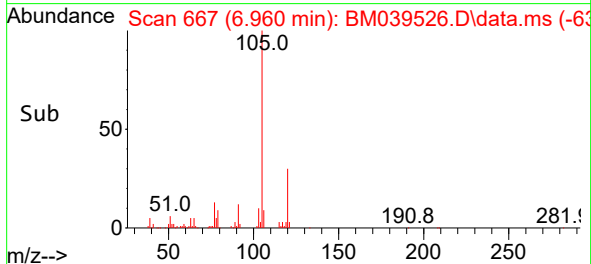
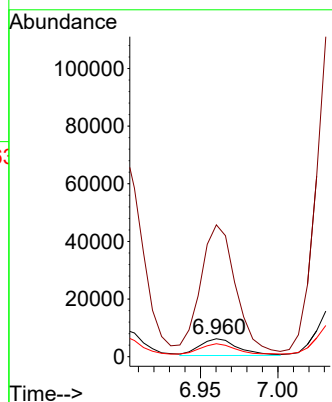
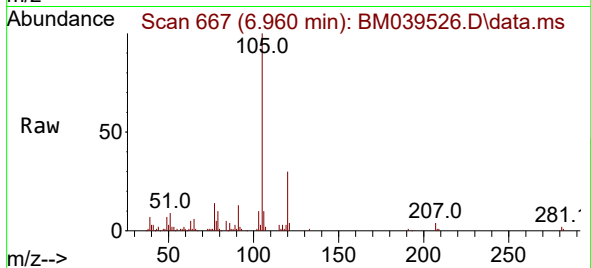




#6
Benzaldehyde
Concen: 1.058 ng/ul
RT: 6.960 min Scan# 60
Delta R.T. -0.009 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

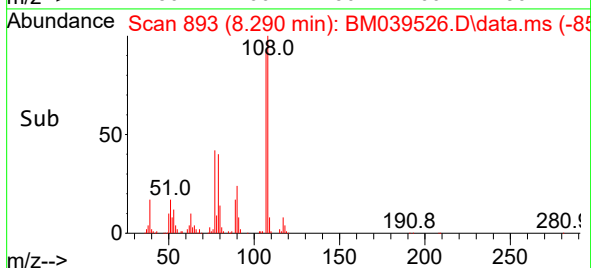
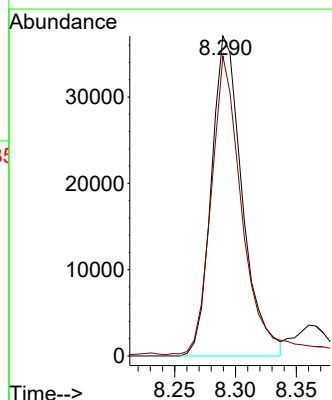
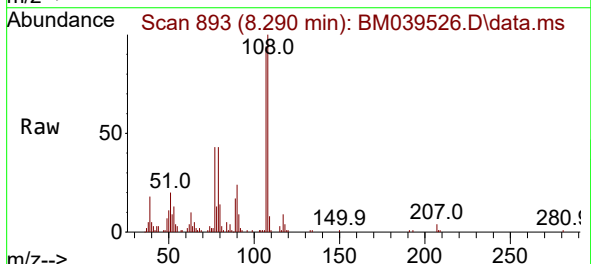
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BNA_M
ClientSampleId :
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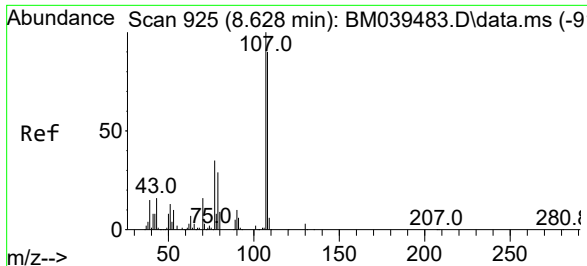
Tgt Ion: 77 Resp: 9857
Ion Ratio Lower Upper
77 100
105 736.0 76.3 114.5#
106 72.8 75.4 113.0#



#13
2-Methylphenol
Concen: 3.708 ng/ul
RT: 8.290 min Scan# 893
Delta R.T. -0.003 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

Tgt Ion: 108 Resp: 65398
Ion Ratio Lower Upper
108 100
107 93.7 71.7 107.5

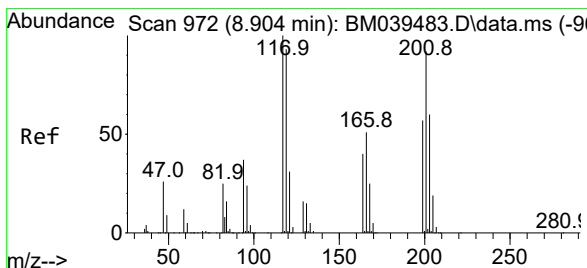
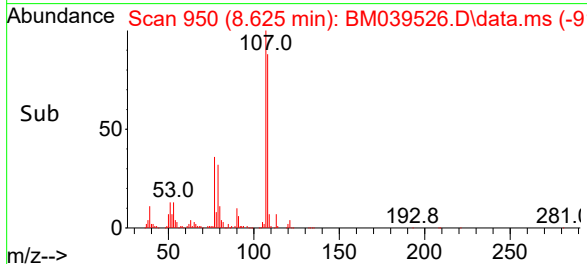
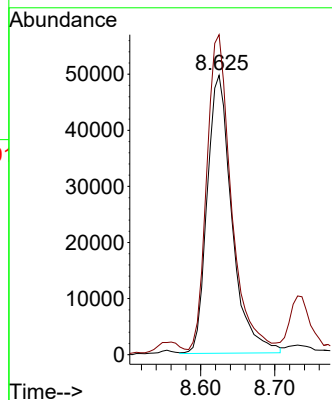
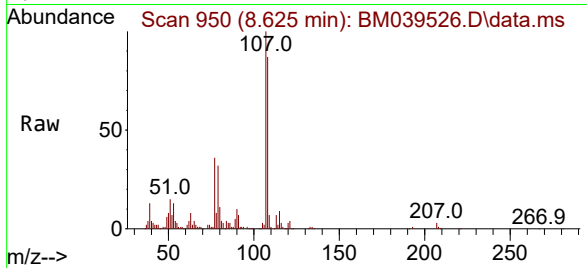




#18
4-Methylphenol
Concen: 6.036 ng/ul
RT: 8.625 min Scan# 91
Delta R.T. -0.003 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

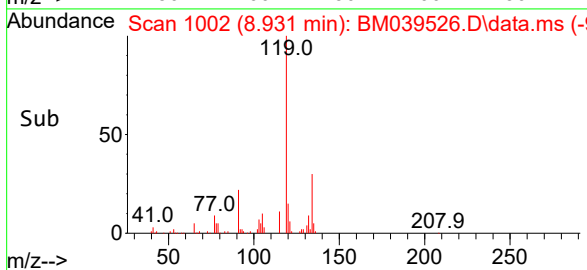
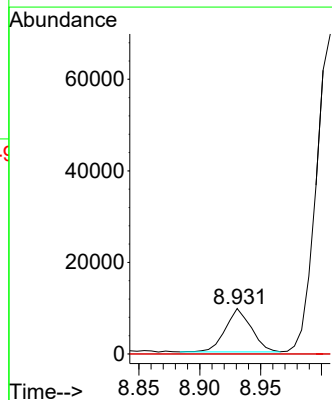
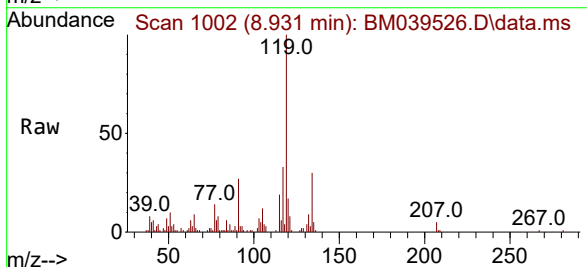
Instrument :
BNA_M
ClientSampleId :
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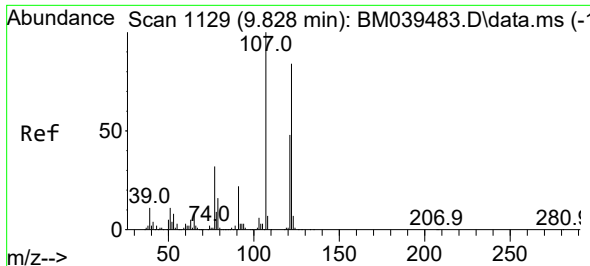
Tgt Ion:108 Resp: 114934
Ion Ratio Lower Upper
108 100
107 114.5 88.6 133.0



#19
Hexachloroethane
Concen: 1.780 ng/ul
RT: 8.931 min Scan# 1002
Delta R.T. 0.027 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

Tgt Ion:117 Resp: 13916
Ion Ratio Lower Upper
117 100
201 0.0 78.3 117.5#
199 0.0 47.4 71.0#

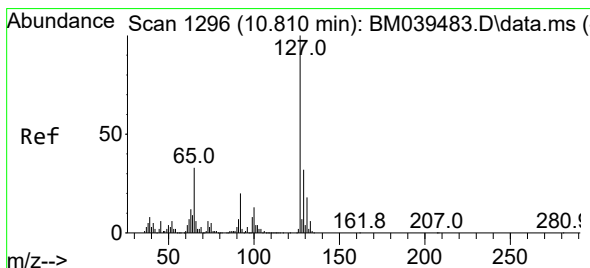
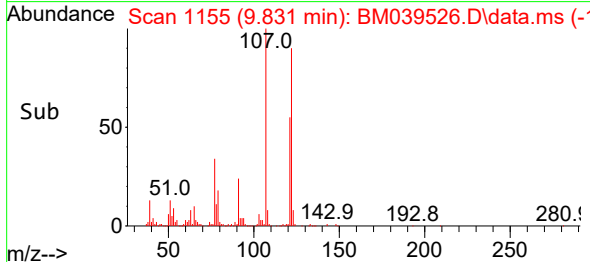
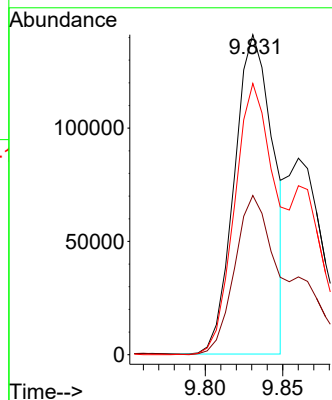
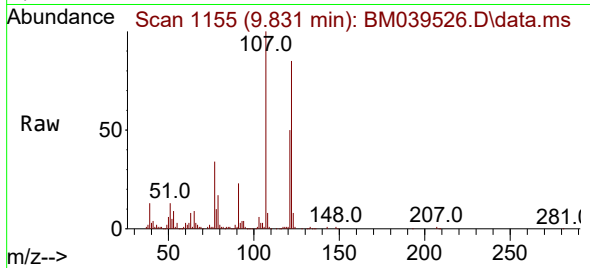




#26
2,4-Dimethylphenol
Concen: 12.080 ng/ul
RT: 9.831 min Scan# 1129
Delta R.T. 0.003 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

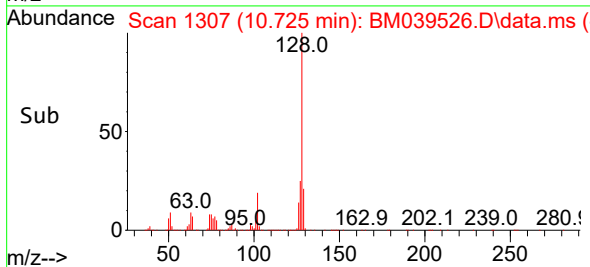
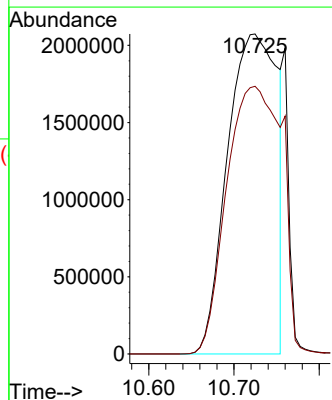
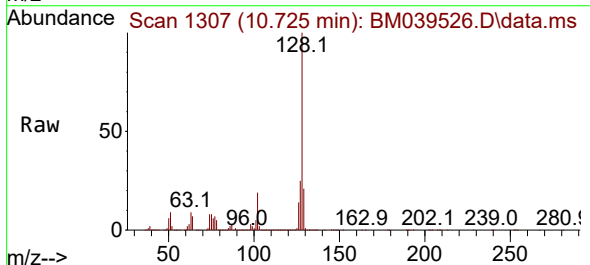
Instrument :
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ClientSampleId :
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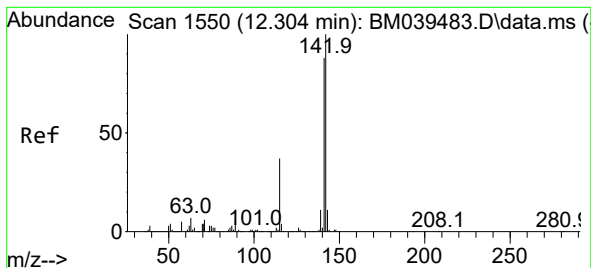
Tgt Ion:107 Resp: 246907
Ion Ratio Lower Upper
107 100
121 49.7 39.1 58.7
122 84.8 68.1 102.1



#32
4-Chloroaniline
Concen: 345.609 ng/ul
RT: 10.725 min Scan# 1307
Delta R.T. -0.085 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

Tgt Ion:127 Resp: 8389146
Ion Ratio Lower Upper
127 100
129 83.7 25.8 38.8#

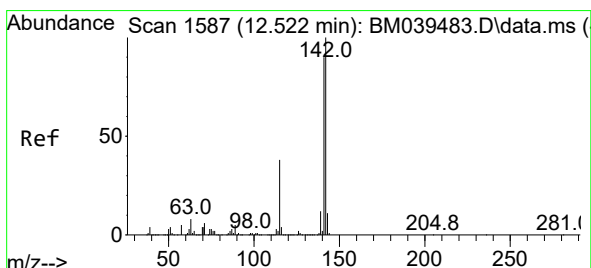
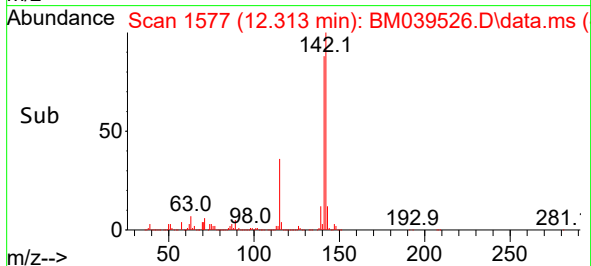
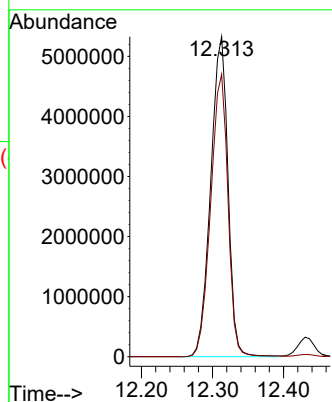
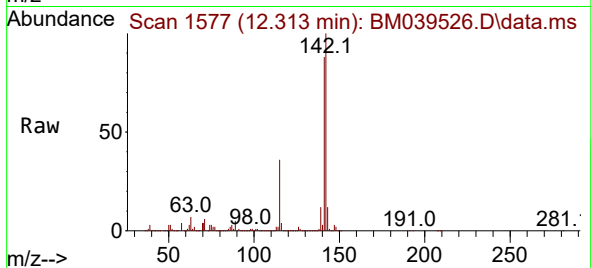




#36
2-Methylnaphthalene
Concen: 228.959 ng/ul
RT: 12.313 min Scan# 1
Delta R.T. 0.009 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

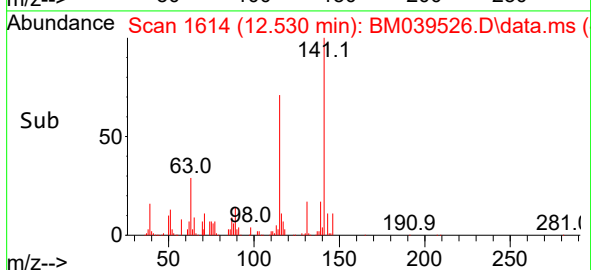
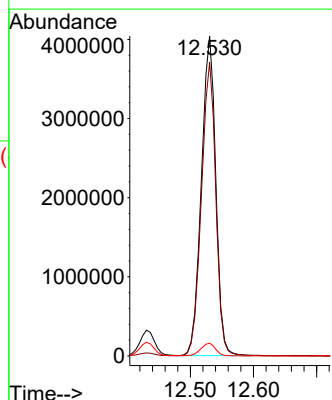
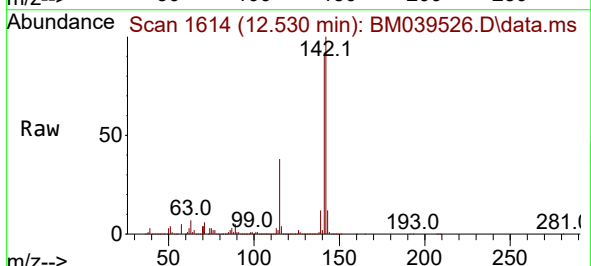
Instrument :
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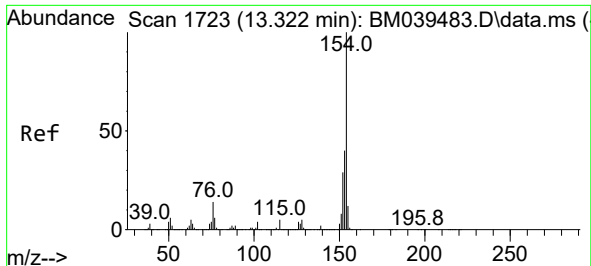
Tgt Ion:142 Resp: 9011294
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7



#37
1-Methylnaphthalene
Concen: 162.102 ng/ul
RT: 12.530 min Scan# 1614
Delta R.T. 0.009 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

Tgt Ion:142 Resp: 6411331
Ion Ratio Lower Upper
142 100
141 91.9 72.0 108.0
116 4.0 3.2 4.8

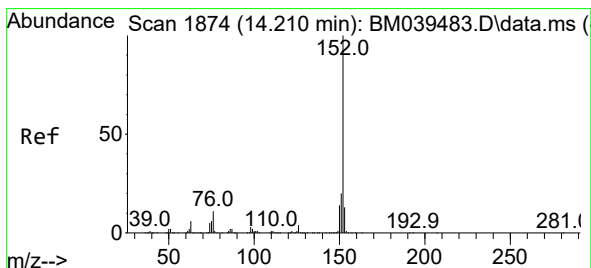
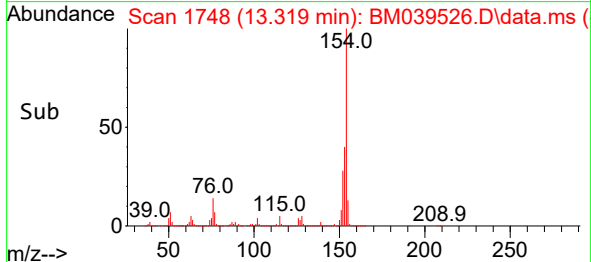
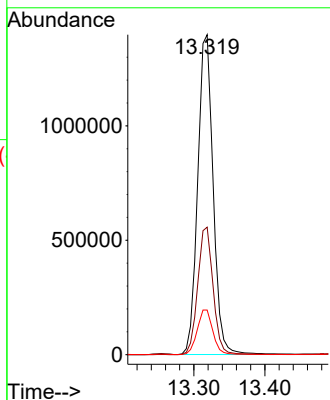
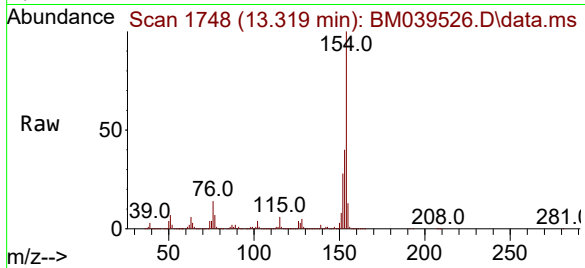




#43
1,1'-Biphenyl
Concen: 39.109 ng/ul
RT: 13.319 min Scan# 11
Delta R.T. -0.003 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

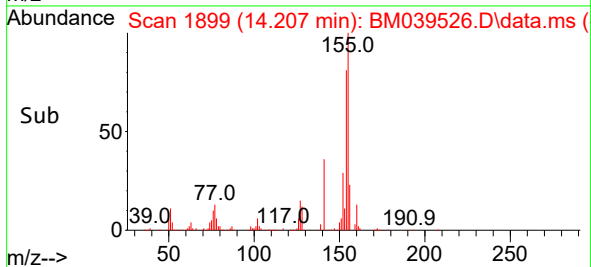
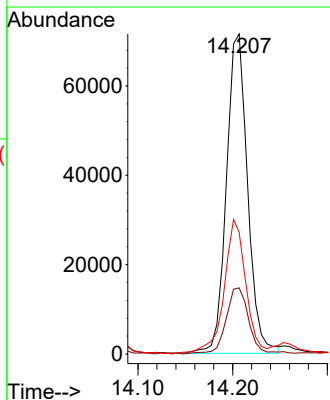
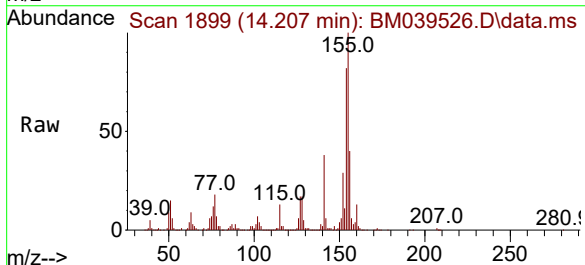
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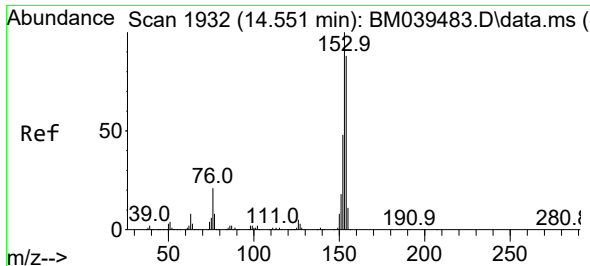
Tgt Ion:154 Resp: 2118598
Ion Ratio Lower Upper
154 100
153 39.9 31.9 47.9
76 14.0 11.5 17.3



#50
Acenaphthylene
Concen: 1.636 ng/ul
RT: 14.207 min Scan# 1899
Delta R.T. -0.003 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

Tgt Ion:152 Resp: 111157
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.8
153 38.0 10.4 15.6#

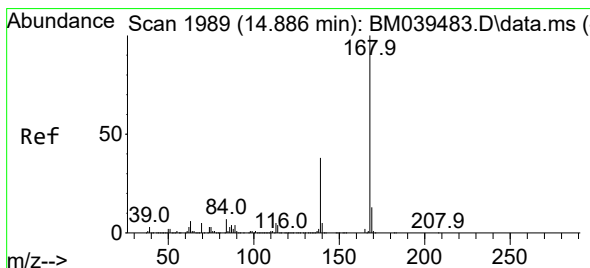
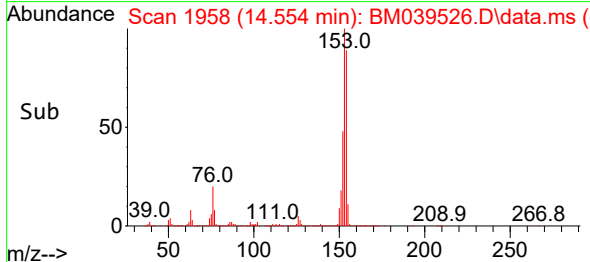
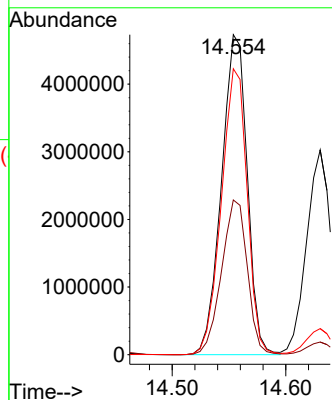
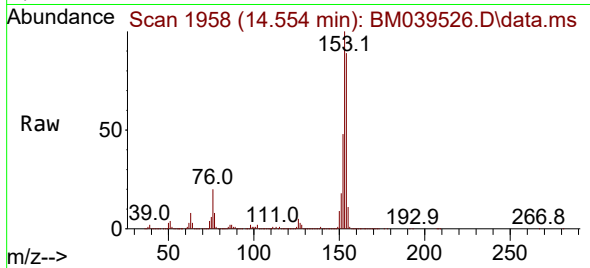




#52
Acenaphthene
Concen: 159.501 ng/ul
RT: 14.554 min Scan# 1932
Delta R.T. 0.003 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

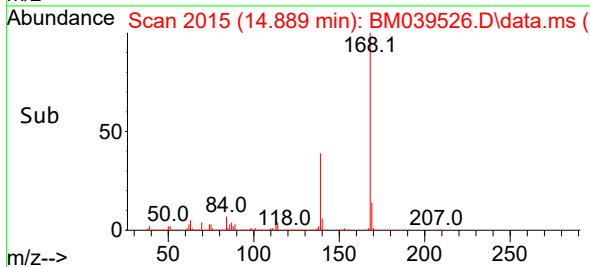
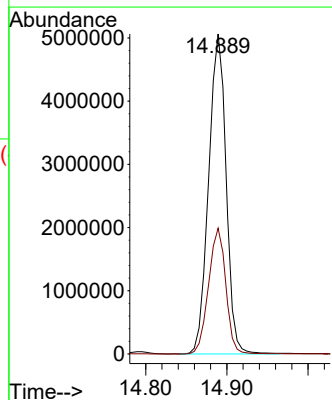
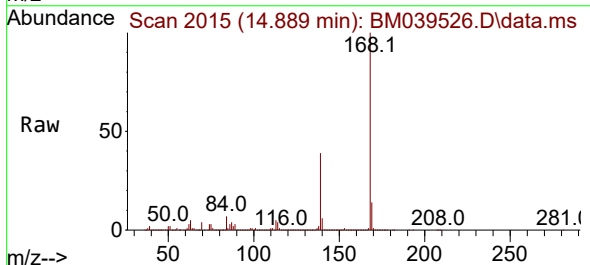
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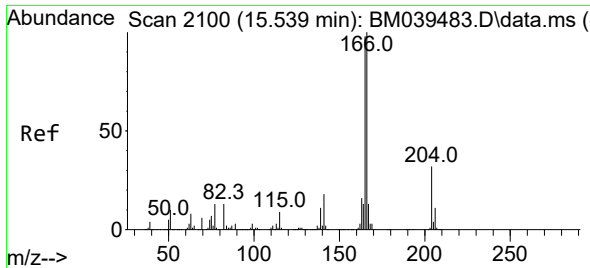
Tgt Ion:153 Resp: 7460303
Ion Ratio Lower Upper
153 100
152 48.3 38.2 57.4
154 89.4 71.0 106.4



#56
Dibenzofuran
Concen: 118.853 ng/ul
RT: 14.889 min Scan# 2015
Delta R.T. 0.003 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

Tgt Ion:168 Resp: 7556017
Ion Ratio Lower Upper
168 100
139 39.3 30.7 46.1

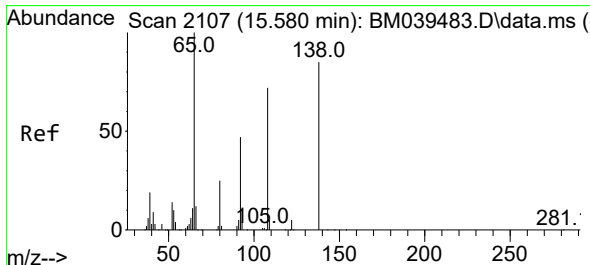
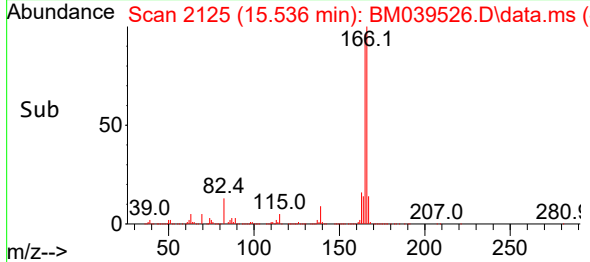
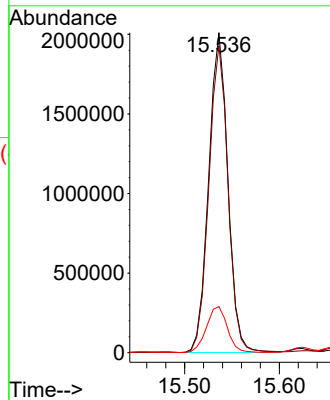
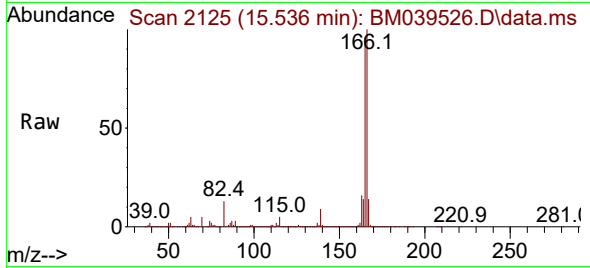




#61
Fluorene
Concen: 54.067 ng/ul
RT: 15.536 min Scan# 2100
Delta R.T. -0.003 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

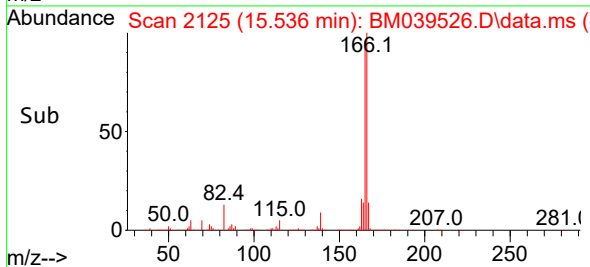
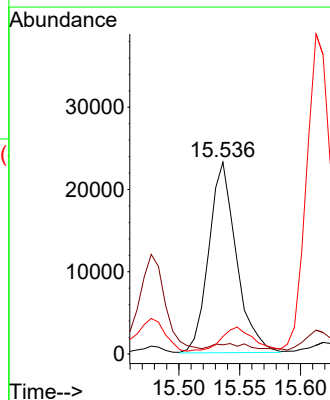
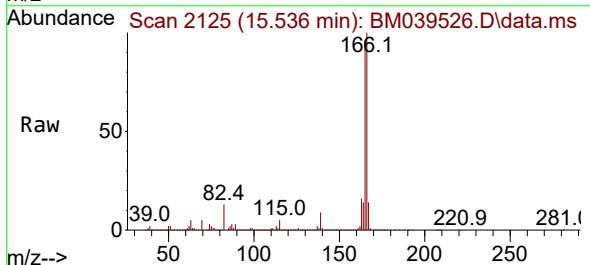
Instrument :
BNA_M
ClientSampleId :
DCBM8

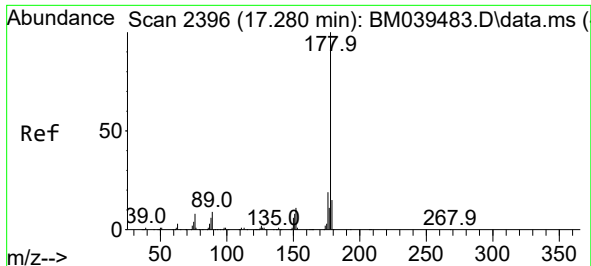
Tgt Ion:166 Resp: 2843333
Ion Ratio Lower Upper
166 100
165 96.0 78.2 117.2
167 14.4 10.7 16.1



#63
4-Nitroaniline
Concen: 4.482 ng/ul
RT: 15.536 min Scan# 2125
Delta R.T. -0.044 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

Tgt Ion:138 Resp: 36468
Ion Ratio Lower Upper
138 100
92 4.7 44.1 66.1#
108 9.1 64.6 97.0#

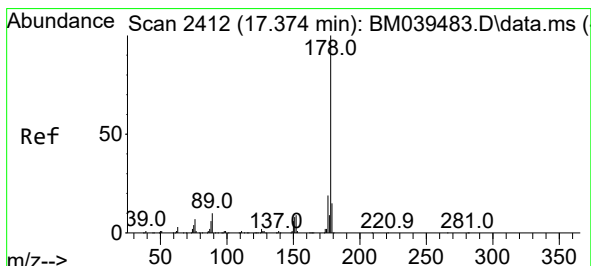
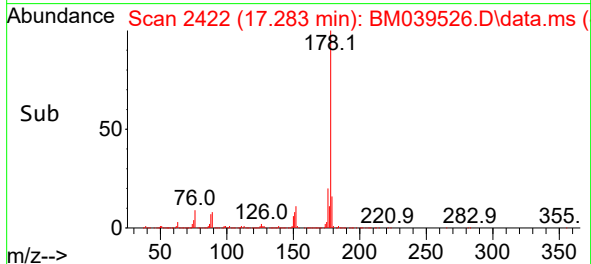
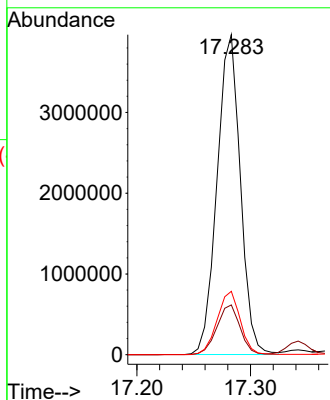
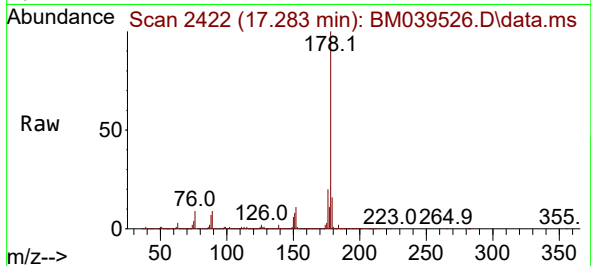




#72
Phenanthrene
Concen: 67.954 ng/ul
RT: 17.283 min Scan# 2422
Delta R.T. 0.003 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

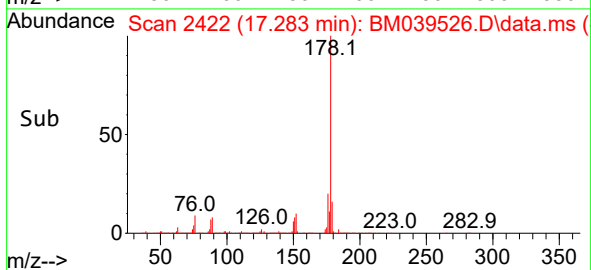
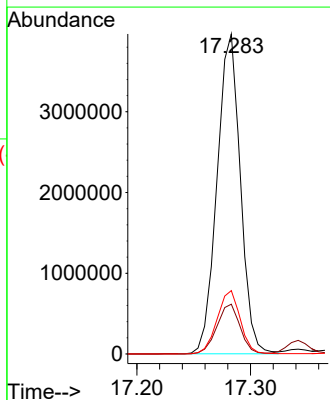
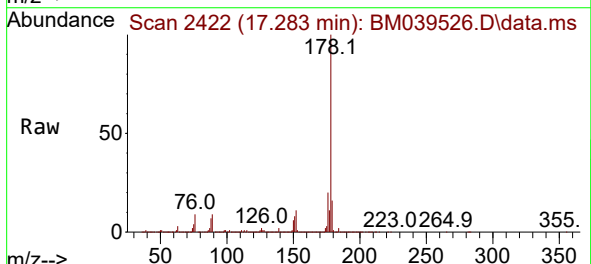
Instrument :
BNA_M
ClientSampleId :
DCBM8

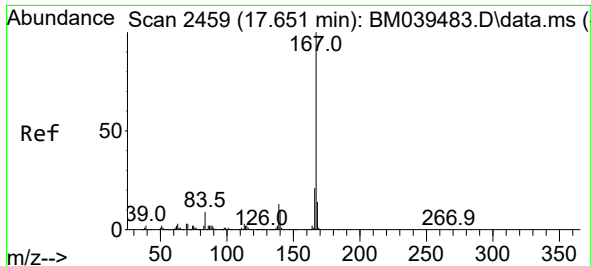
Tgt Ion:178 Resp: 5655584
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 19.8 15.8 23.8



#74
Anthracene
Concen: 67.738 ng/ul
RT: 17.283 min Scan# 2422
Delta R.T. -0.091 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

Tgt Ion:178 Resp: 5655584
Ion Ratio Lower Upper
178 100
179 15.6 12.1 18.1
176 19.8 15.0 22.6

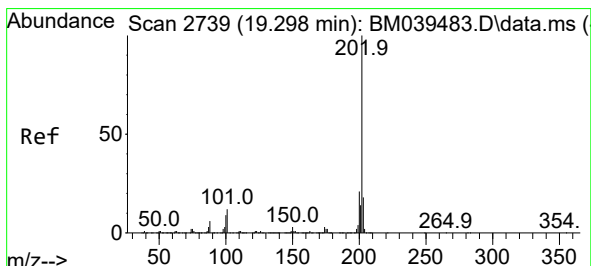
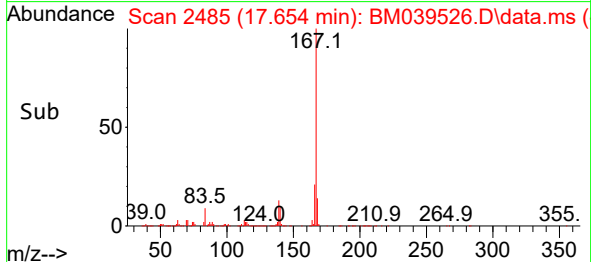
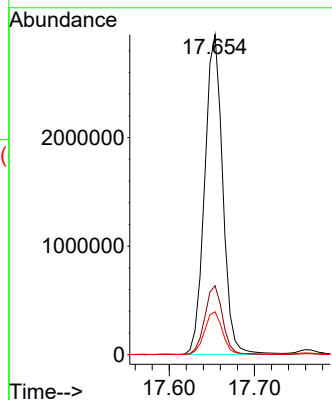
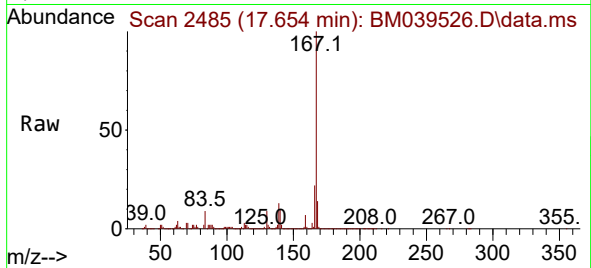




#77
 Carbazole
 Concen: 58.356 ng/ul
 RT: 17.654 min Scan# 2459
 Delta R.T. 0.003 min
 Lab File: BM039526.D
 Acq: 20 Apr 2023 15:59

Instrument :
 BNA_M
 ClientSampleId :
 DCBM8

Tgt Ion:167 Resp: 4329548
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.4
 139 13.4 10.6 15.8



#80
 Fluoranthene
 Concen: 1.069 ng/ul
 RT: 19.295 min Scan# 2764
 Delta R.T. -0.003 min
 Lab File: BM039526.D
 Acq: 20 Apr 2023 15:59

Tgt Ion:202 Resp: 81143
 Ion Ratio Lower Upper
 202 100
 101 13.7 10.4 15.6
 100 10.7 7.7 11.5

