

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080524\
 Data File : BM047003.D
 Acq On : 05 Aug 2024 22:40
 Operator : RC/JU
 Sample : P3329-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E14

Quant Time: Aug 06 01:22:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 03 02:51:11 2024
 Response via : Initial Calibration

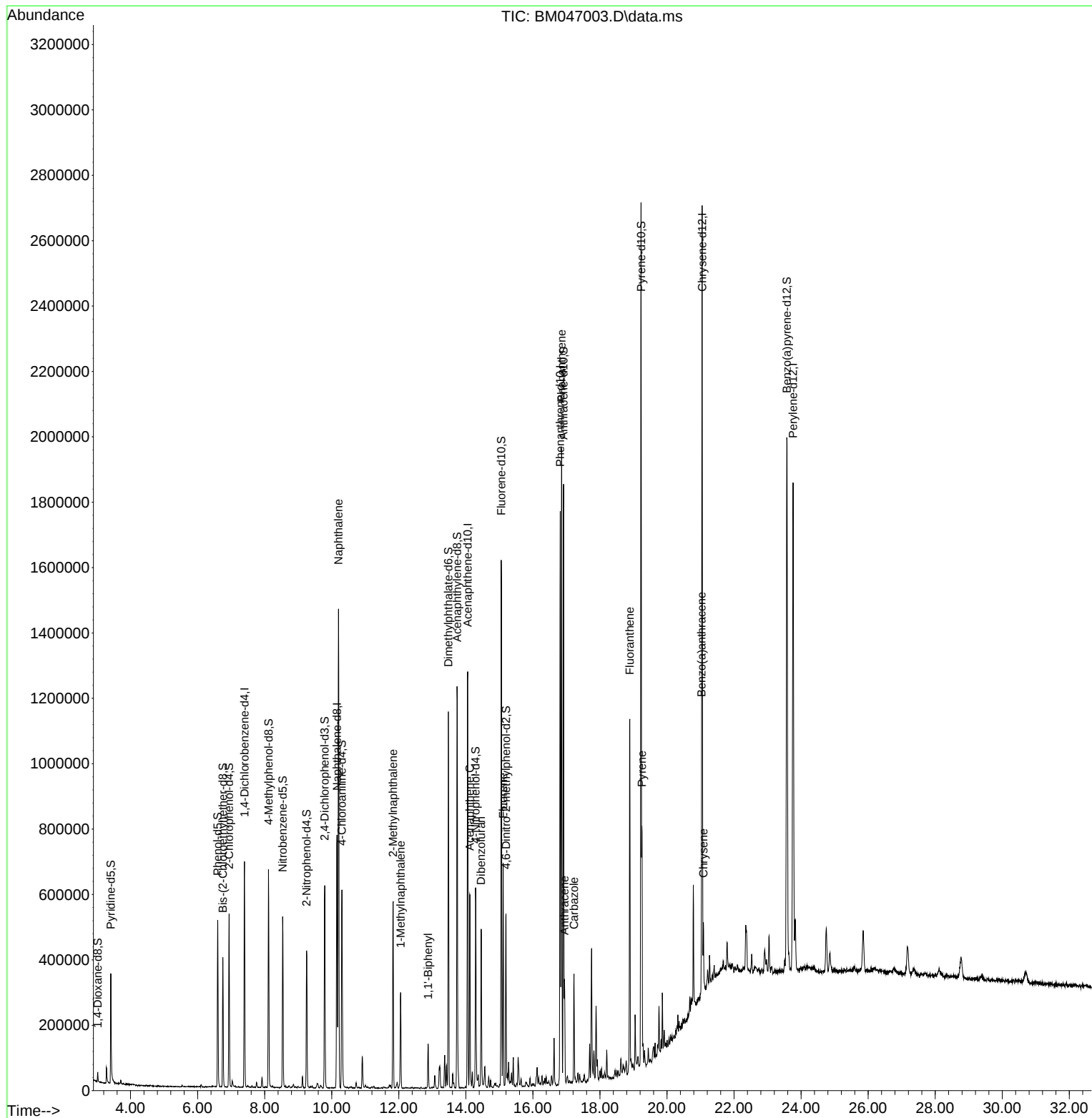
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.398	152	176581	20.000	ng/u1	0.00
20) Naphthalene-d8	10.157	136	613228	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.057	164	434734	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.815	188	969145	20.000	ng/u1	0.00
79) Chrysene-d12	21.050	240	1121540	20.000	ng/u1	0.00
88) Perylene-d12	23.762	264	1299504	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	12756	2.862	ng/uL	0.00
4) Pyridine-d5	3.410	84	173099	14.238	ng/u1	0.00
7) Phenol-d5	6.598	99	268453	20.013	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.751	67	171749	19.459	ng/u1	0.00
11) 2-Chlorophenol-d4	6.939	132	214892	18.912	ng/u1	0.00
15) 4-Methylphenol-d8	8.116	113	218701	20.581	ng/u1	0.00
21) Nitrobenzene-d5	8.539	128	111136	22.585	ng/u1	0.00
24) 2-Nitrophenol-d4	9.251	143	120514	22.426	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	9.792	165	211511	20.500	ng/u1	0.00
31) 4-Chloroaniline-d4	10.304	131	281646	20.771	ng/u1	0.00
46) Dimethylphthalate-d6	13.480	166	706569	21.256	ng/u1	0.00
49) Acenaphthylene-d8	13.739	160	789282	21.272	ng/u1	0.00
54) 4-Nitrophenol-d4	14.292	143	121166	18.853	ng/u1	0.00
60) Fluorene-d10	15.057	176	604077	21.244	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.198	200	101331	16.549	ng/u1	0.00
73) Anthracene-d10	16.915	188	992101	21.594	ng/u1	0.00
81) Pyrene-d10	19.227	212	1266253	19.723	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.574	264	1487555	21.739	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.204	128	1138076	35.052	ng/u1	99
36) 2-Methylnaphthalene	11.833	142	268202	11.830	ng/u1	99
37) 1-Methylnaphthalene	12.057	142	129503	5.643	ng/u1	99
43) 1,1'-Biphenyl	12.874	154	71274	2.191	ng/u1	97
52) Acenaphthene	14.121	153	233886	8.279	ng/u1	98
56) Dibenzofuran	14.457	168	280911	7.085	ng/u1	97
61) Fluorene	15.115	166	265659	8.124	ng/u1	100
72) Phenanthrene	16.856	178	1102374	20.292	ng/u1	100
74) Anthracene	16.945	178	180771	3.300	ng/u1	99
77) Carbazole	17.227	167	189857	3.738	ng/u1	99
80) Fluoranthene	18.892	202	645047	8.407	ng/u1	98
82) Pyrene	19.256	202	434319	5.312	ng/u1	99
85) Benzo(a)anthracene	21.033	228	143182	1.748	ng/u1	98
87) Chrysene	21.086	228	114759	1.469	ng/u1	96

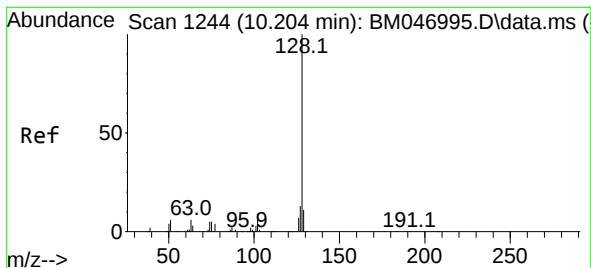
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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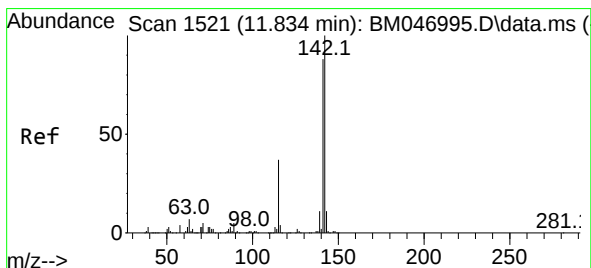
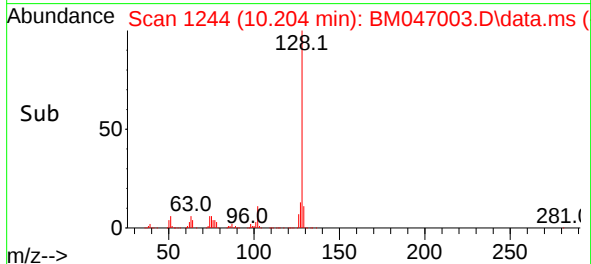
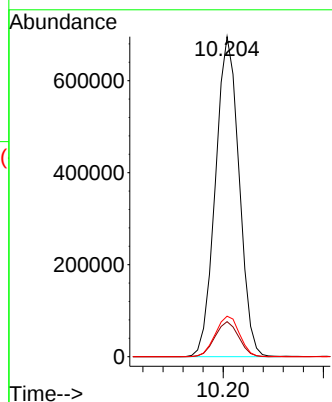
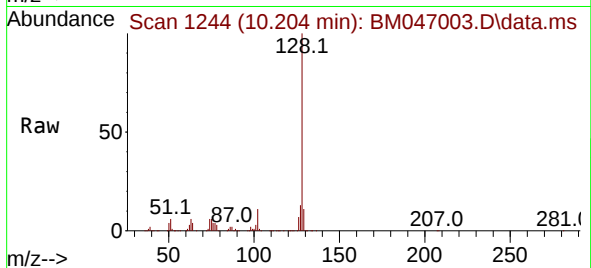




#30
Naphthalene
Concen: 35.052 ng/ul
RT: 10.204 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BM047003.D
Acq: 05 Aug 2024 22:40

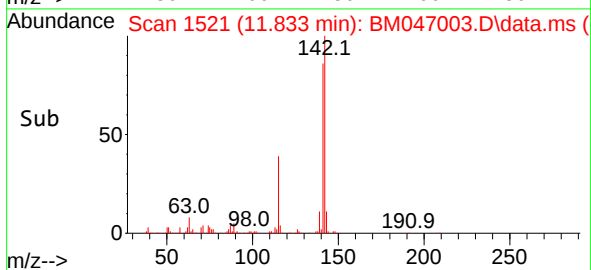
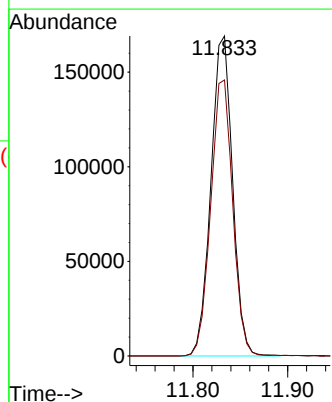
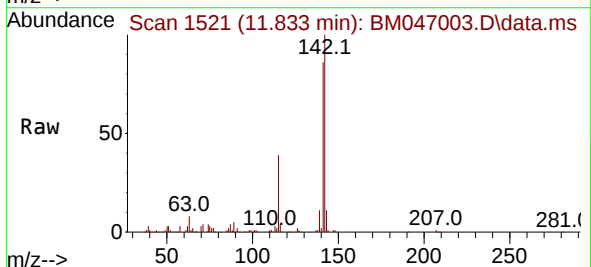
Instrument :
BNA_M
ClientSampleId :
F7E14

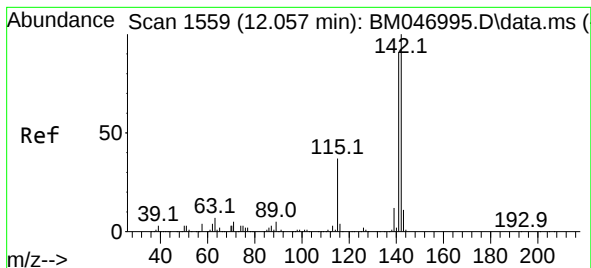
Tgt Ion:128 Resp: 1138076
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.6 10.4 15.6



#36
2-Methylnaphthalene
Concen: 11.830 ng/ul
RT: 11.833 min Scan# 1521
Delta R.T. -0.006 min
Lab File: BM047003.D
Acq: 05 Aug 2024 22:40

Tgt Ion:142 Resp: 268202
Ion Ratio Lower Upper
142 100
141 86.3 69.9 104.9





#37

1-Methylnaphthalene

Concen: 5.643 ng/ul

RT: 12.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047003.D

Acq: 05 Aug 2024 22:40

Instrument :

BNA_M

ClientSampleId :

F7E14

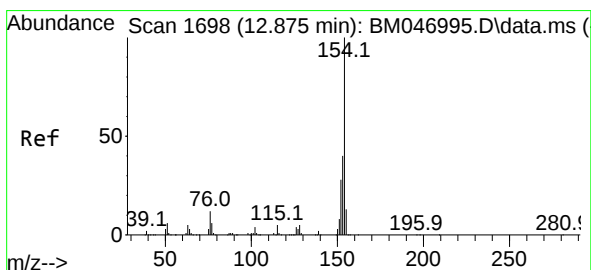
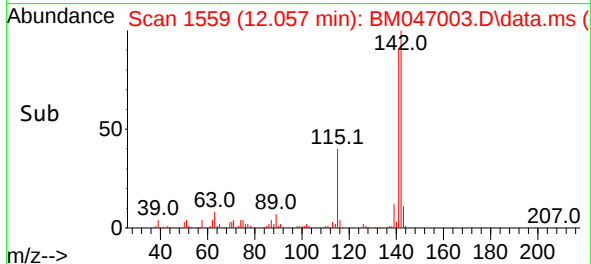
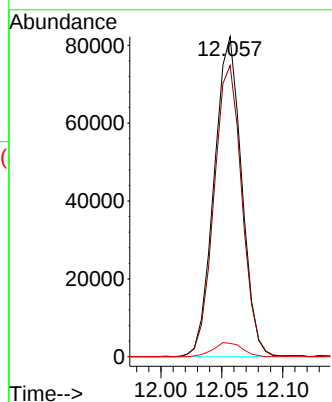
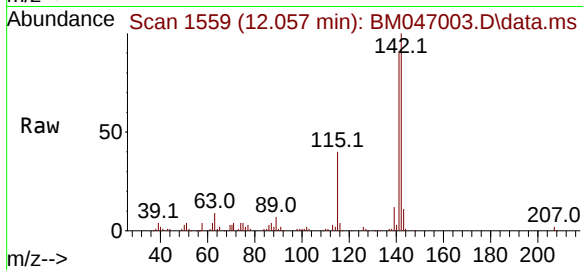
Tgt Ion:142 Resp: 129503

Ion Ratio Lower Upper

142 100

141 91.0 72.0 108.0

116 4.2 3.6 5.4



#43

1,1'-Biphenyl

Concen: 2.191 ng/ul

RT: 12.874 min Scan# 1698

Delta R.T. -0.006 min

Lab File: BM047003.D

Acq: 05 Aug 2024 22:40

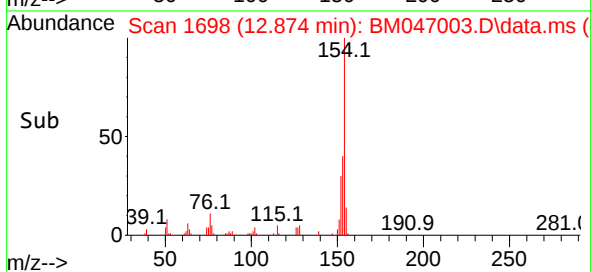
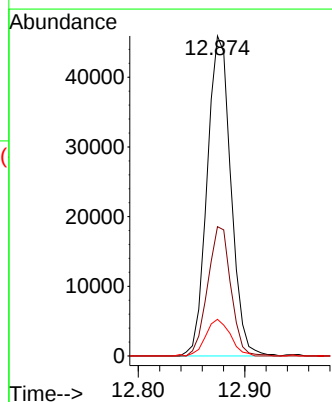
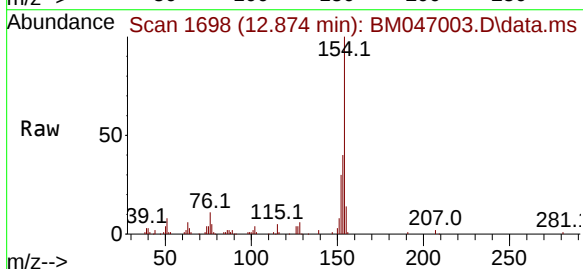
Tgt Ion:154 Resp: 71274

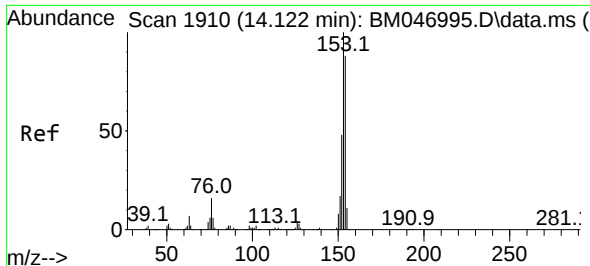
Ion Ratio Lower Upper

154 100

153 40.4 30.7 46.1

76 11.4 9.3 13.9

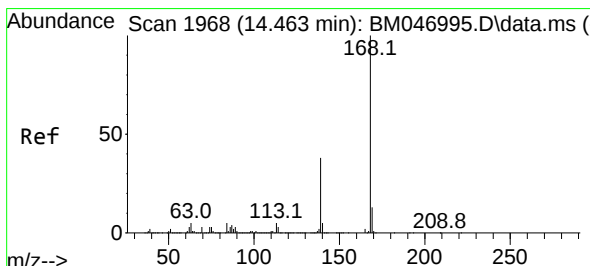
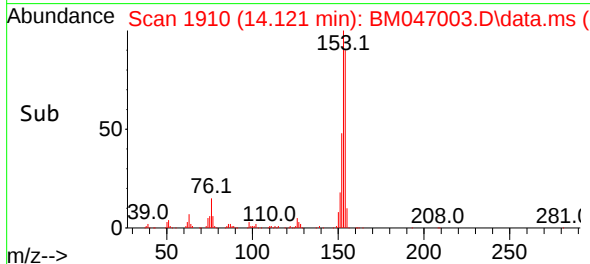
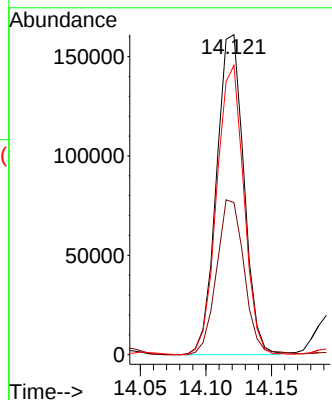
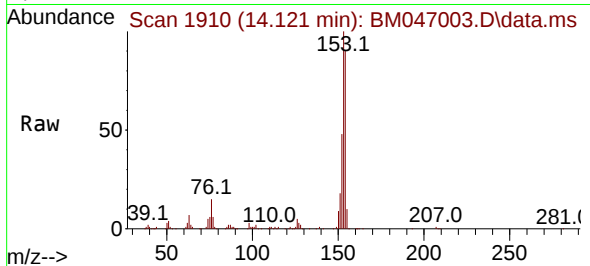




#52
Acenaphthene
Concen: 8.279 ng/ul
RT: 14.121 min Scan# 1910
Delta R.T. -0.000 min
Lab File: BM047003.D
Acq: 05 Aug 2024 22:40

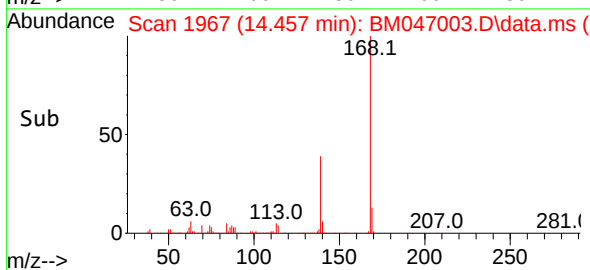
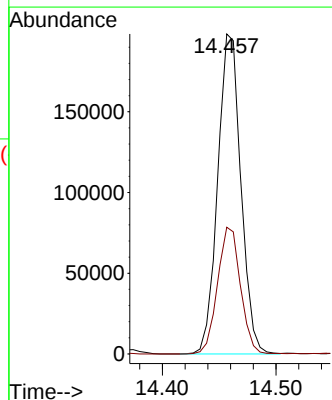
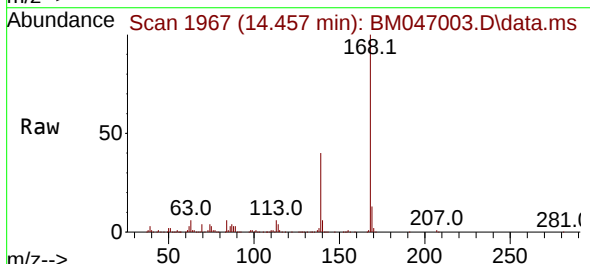
Instrument :
BNA_M
ClientSampleId :
F7E14

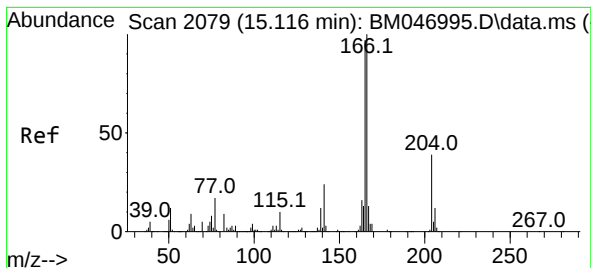
Tgt Ion:153 Resp: 233886
Ion Ratio Lower Upper
153 100
152 47.5 38.2 57.2
154 90.4 70.1 105.1



#56
Dibenzofuran
Concen: 7.085 ng/ul
RT: 14.457 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BM047003.D
Acq: 05 Aug 2024 22:40

Tgt Ion:168 Resp: 280911
Ion Ratio Lower Upper
168 100
139 39.6 33.0 49.4





#61

Fluorene

Concen: 8.124 ng/ul

RT: 15.115 min Scan# 2079

Delta R.T. -0.006 min

Lab File: BM047003.D

Acq: 05 Aug 2024 22:40

Instrument :

BNA_M

ClientSampleId :

F7E14

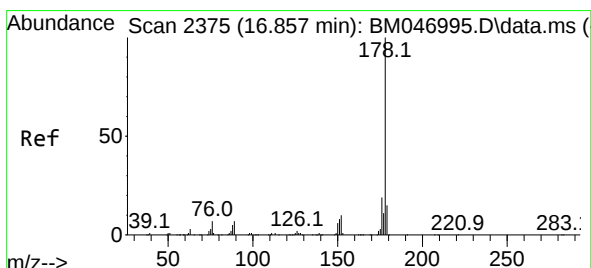
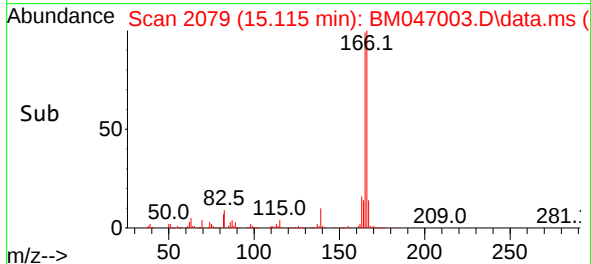
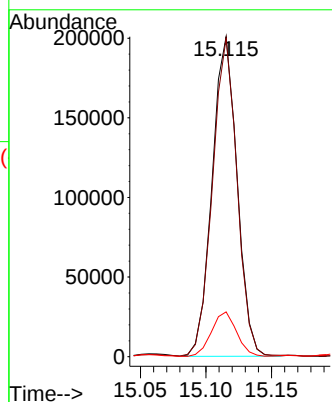
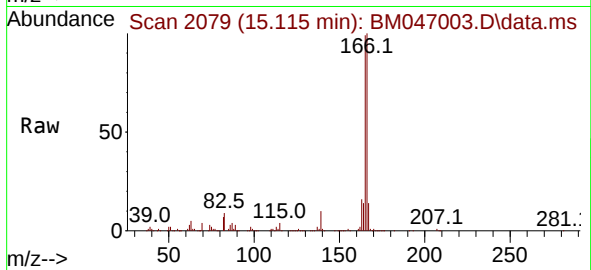
Tgt Ion:166 Resp: 265659

Ion Ratio Lower Upper

166 100

165 99.5 79.5 119.3

167 14.0 11.5 17.3



#72

Phenanthrene

Concen: 20.292 ng/ul

RT: 16.856 min Scan# 2375

Delta R.T. -0.006 min

Lab File: BM047003.D

Acq: 05 Aug 2024 22:40

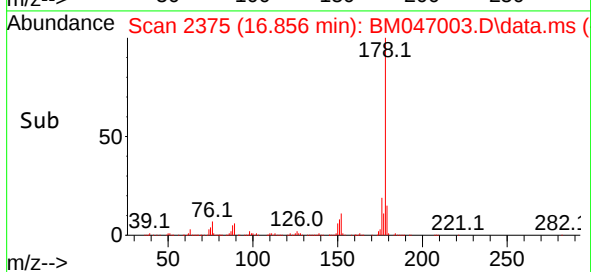
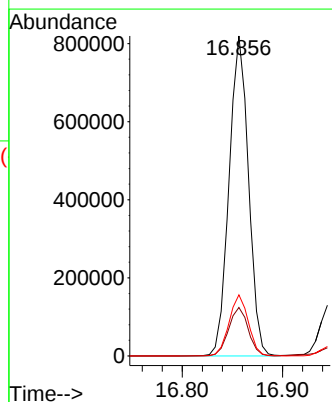
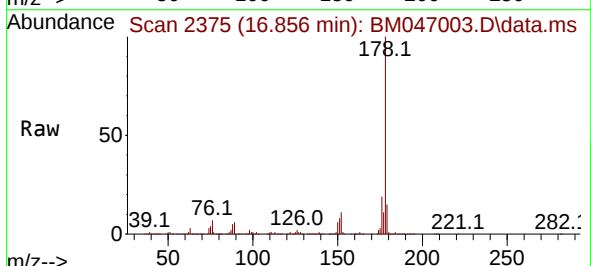
Tgt Ion:178 Resp: 1102374

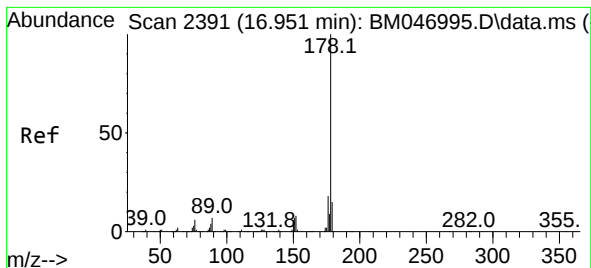
Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

176 19.1 15.3 22.9





#74

Anthracene

Concen: 3.300 ng/ul

RT: 16.945 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047003.D

Acq: 05 Aug 2024 22:40

Instrument :

BNA_M

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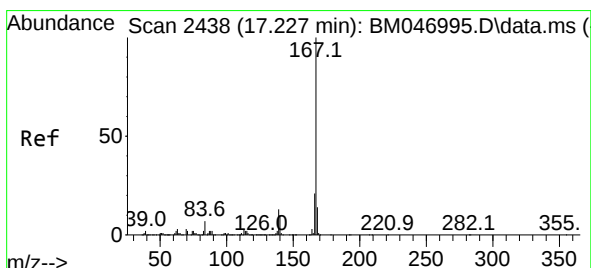
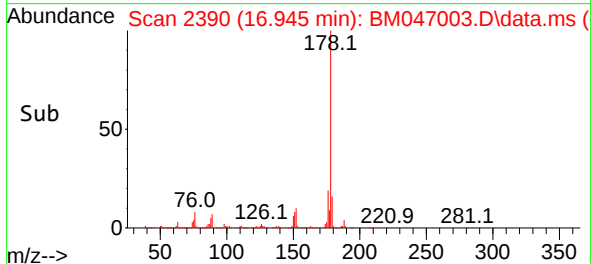
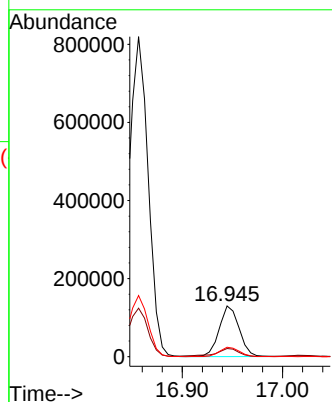
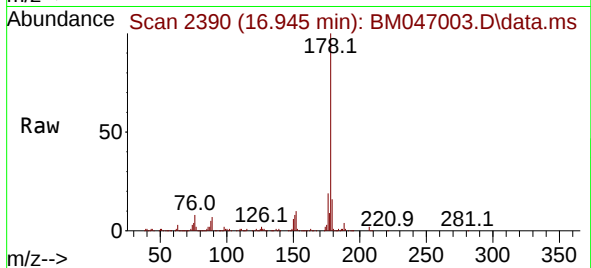
Tgt Ion:178 Resp: 180771

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.2

176 18.6 14.6 22.0



#77

Carbazole

Concen: 3.738 ng/ul

RT: 17.227 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BM047003.D

Acq: 05 Aug 2024 22:40

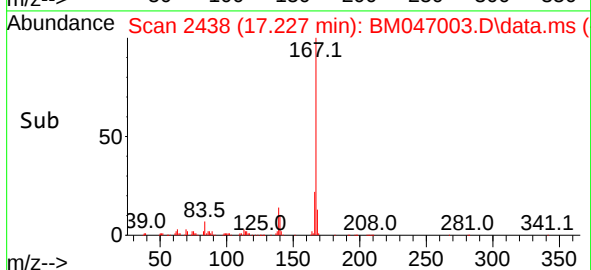
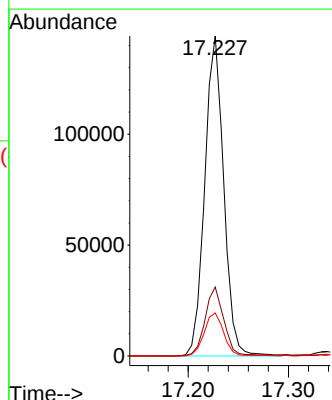
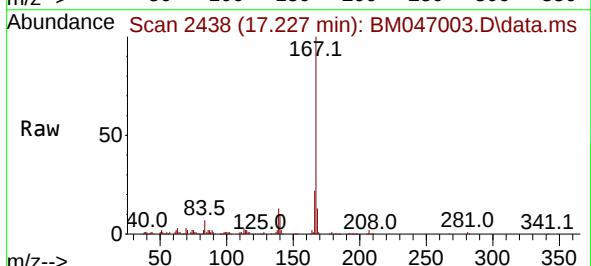
Tgt Ion:167 Resp: 189857

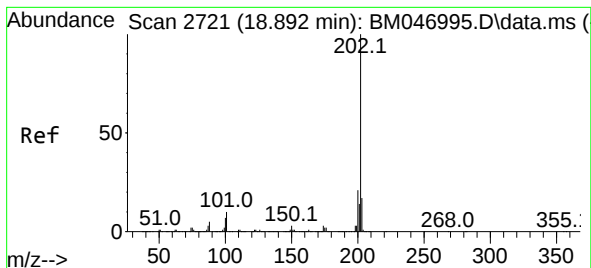
Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.4

139 13.5 10.6 16.0





#80

Fluoranthene

Concen: 8.407 ng/ul

RT: 18.892 min Scan# 2721

Delta R.T. -0.000 min

Lab File: BM047003.D

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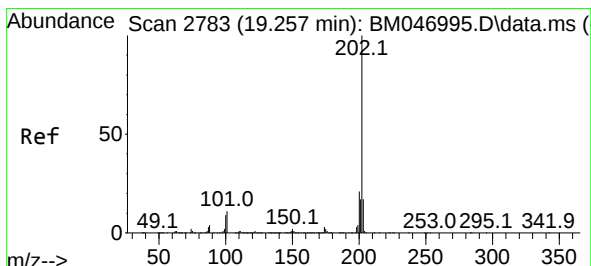
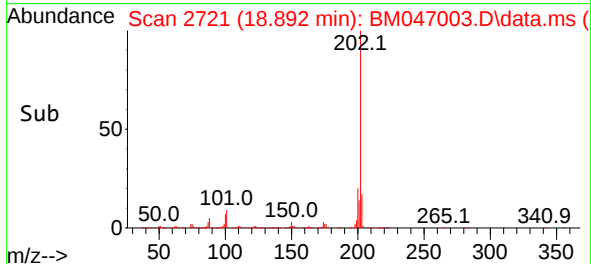
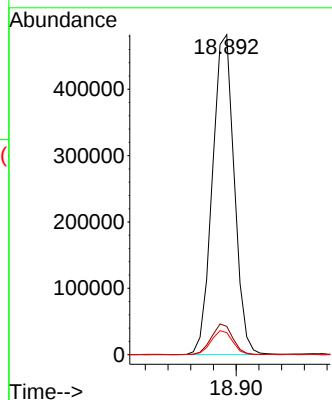
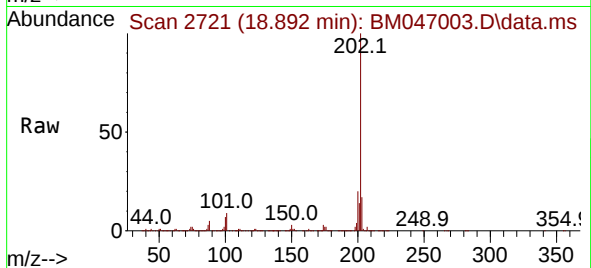
Tgt Ion:202 Resp: 645047

Ion Ratio Lower Upper

202 100

101 8.8 7.8 11.6

100 6.9 5.9 8.9



#82

Pyrene

Concen: 5.312 ng/ul

RT: 19.256 min Scan# 2783

Delta R.T. -0.006 min

Lab File: BM047003.D

Acq: 05 Aug 2024 22:40

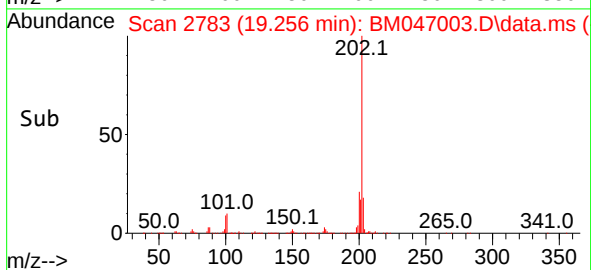
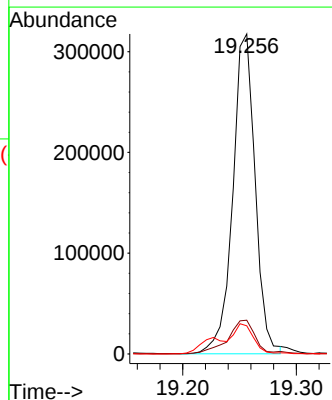
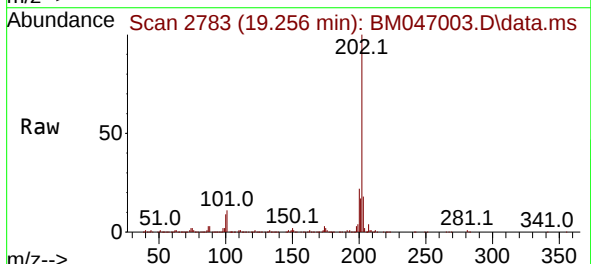
Tgt Ion:202 Resp: 434319

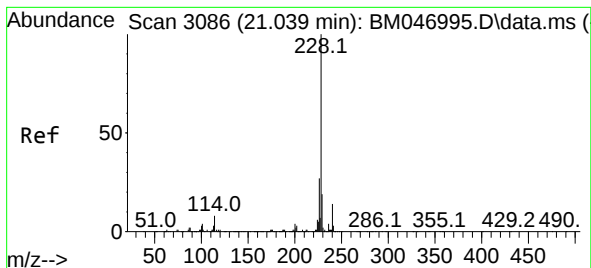
Ion Ratio Lower Upper

202 100

101 10.6 8.7 13.1

100 8.8 6.8 10.2





#85

Benzo(a)anthracene

Concen: 1.748 ng/ul

RT: 21.033 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BM047003.D

Acq: 05 Aug 2024 22:40

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BNA_M

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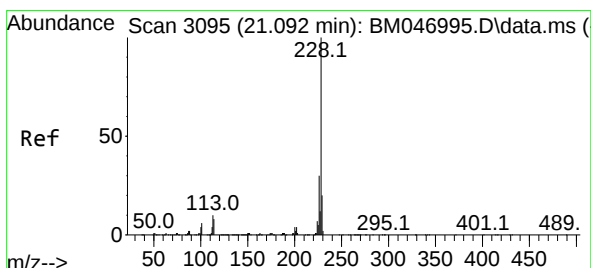
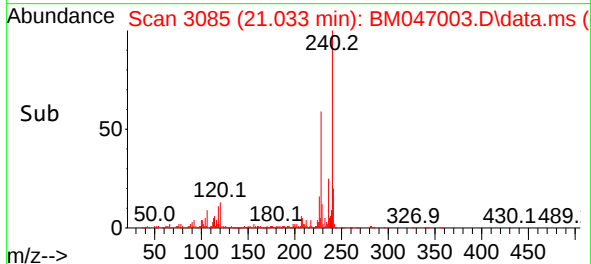
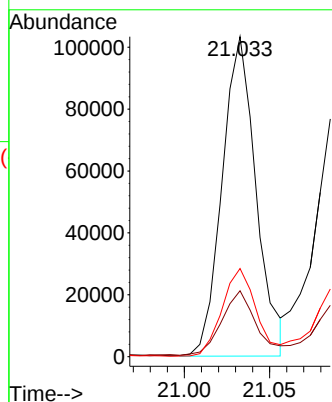
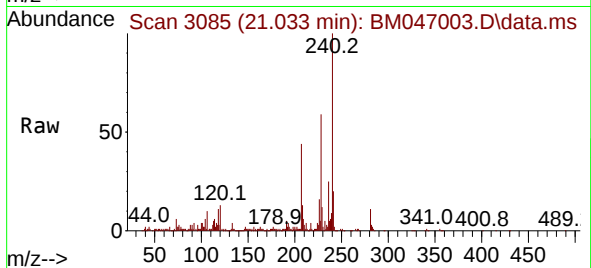
Tgt Ion:228 Resp: 143182

Ion Ratio Lower Upper

228 100

229 20.6 15.5 23.3

226 27.6 21.2 31.8



#87

Chrysene

Concen: 1.469 ng/ul

RT: 21.086 min Scan# 3094

Delta R.T. -0.012 min

Lab File: BM047003.D

Acq: 05 Aug 2024 22:40

Tgt Ion:228 Resp: 114759

Ion Ratio Lower Upper

228 100

226 28.5 24.0 36.0

229 21.6 15.5 23.3

