

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080524\
 Data File : BM047005.D
 Acq On : 06 Aug 2024 00:03
 Operator : RC/JU
 Sample : P3329-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E16

Quant Time: Aug 06 01:23:11 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

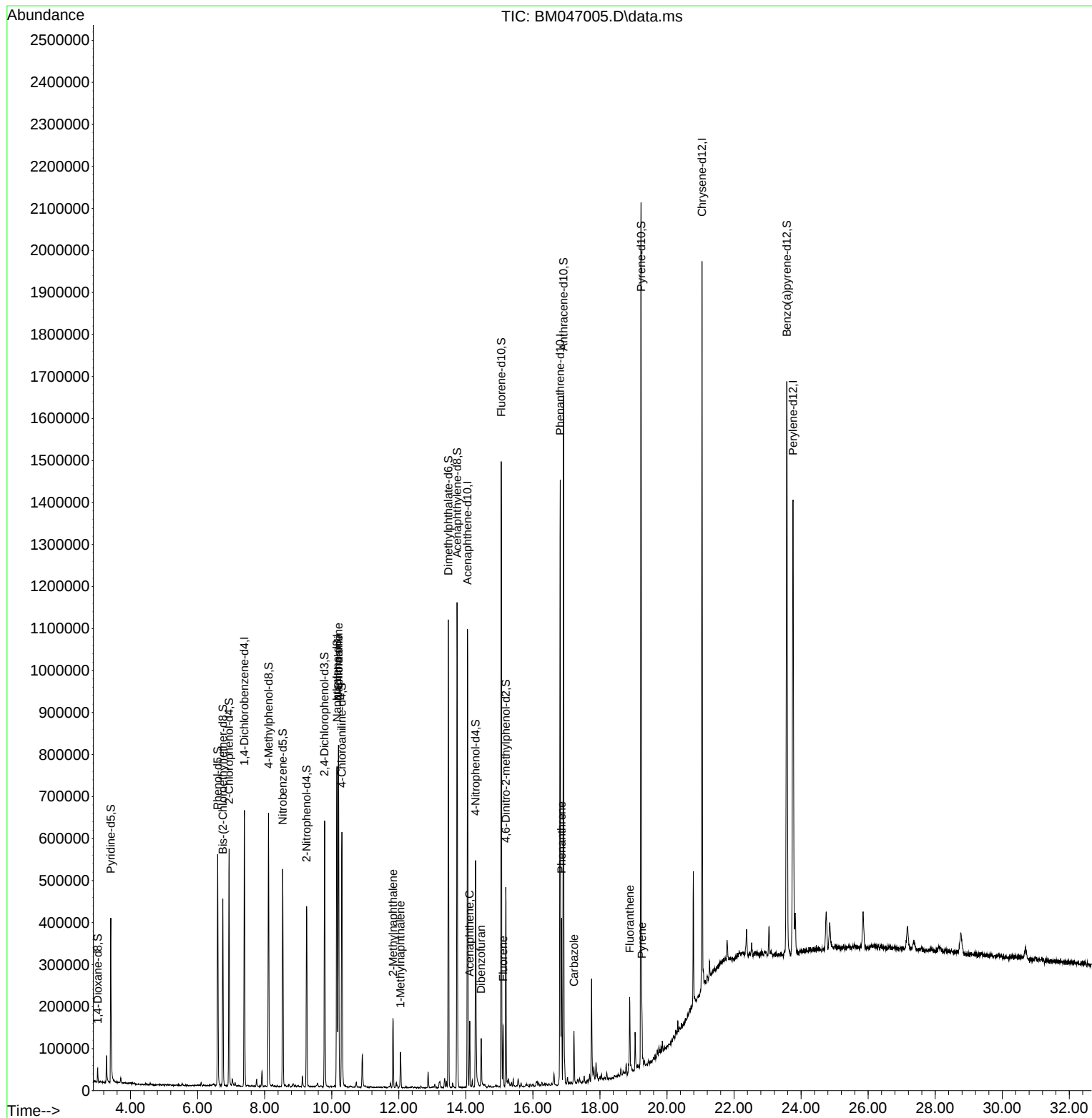
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.398	152	170483	20.000	ng/ul	0.00
20) Naphthalene-d8	10.157	136	619966	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.051	164	370591	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.815	188	793240	20.000	ng/ul	0.00
79) Chrysene-d12	21.045	240	810173	20.000	ng/ul	-0.01
88) Perylene-d12	23.762	264	960523	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	14904	3.463	ng/uL	0.00
4) Pyridine-d5	3.410	84	201861	17.198	ng/ul	0.00
7) Phenol-d5	6.598	99	283043	21.855	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.751	67	187093	21.956	ng/ul	0.00
11) 2-Chlorophenol-d4	6.940	132	231184	21.074	ng/ul	0.00
15) 4-Methylphenol-d8	8.116	113	225063	21.937	ng/ul	0.00
21) Nitrobenzene-d5	8.540	128	110625	22.237	ng/ul	0.00
24) 2-Nitrophenol-d4	9.251	143	121004	22.273	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.786	165	218644	20.962	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.304	131	295408	21.549	ng/ul	0.00
46) Dimethylphthalate-d6	13.480	166	659688	23.281	ng/ul	0.00
49) Acenaphthylene-d8	13.739	160	715752	22.629	ng/ul	0.00
54) 4-Nitrophenol-d4	14.292	143	108275	19.763	ng/ul	0.00
60) Fluorene-d10	15.057	176	547037	22.568	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.192	200	90164	17.991	ng/ul	-0.01
73) Anthracene-d10	16.910	188	890883	23.691	ng/ul	0.00
81) Pyrene-d10	19.227	212	1064562	22.954	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.574	264	1215031	24.023	ng/ul	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.204	128	626065	19.073	ng/ul	99
32) 4-Chloroaniline	10.204	127	81124	6.094	ng/ul#	2
36) 2-Methylnaphthalene	11.833	142	76133	3.322	ng/ul	98
37) 1-Methylnaphthalene	12.051	142	38351	1.653	ng/ul	100
52) Acenaphthene	14.116	153	58418	2.426	ng/ul	95
56) Dibenzofuran	14.457	168	70405	2.083	ng/ul	98
61) Fluorene	15.116	166	59891	2.148	ng/ul	99
72) Phenanthrene	16.857	178	224719	5.054	ng/ul	98
77) Carbazole	17.227	167	72915	1.754	ng/ul	98
80) Fluoranthene	18.886	202	105058	1.895	ng/ul	99
82) Pyrene	19.251	202	74405	1.260	ng/ul	97

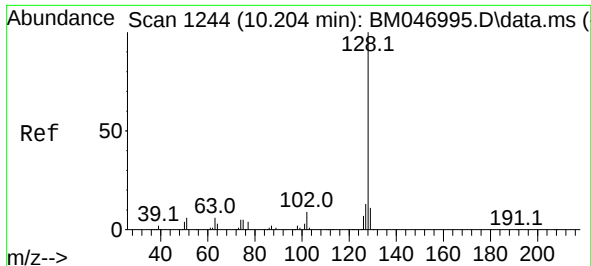
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#30

Naphthalene

Concen: 19.073 ng/ul

RT: 10.204 min Scan# 1244

Delta R.T. -0.006 min

Lab File: BM047005.D

Acq: 06 Aug 2024 00:03

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F7E16

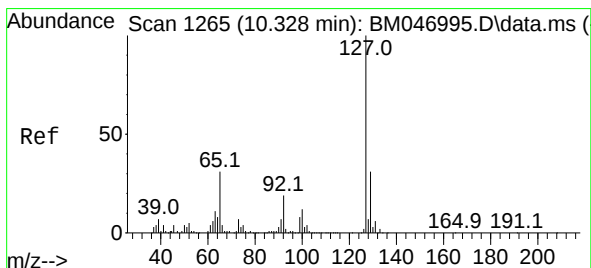
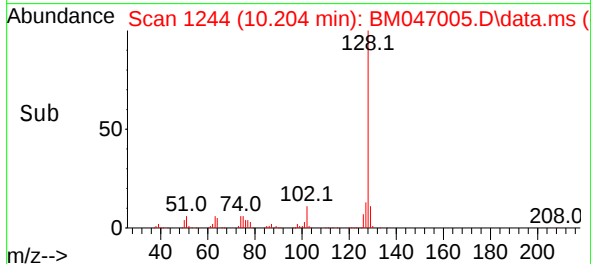
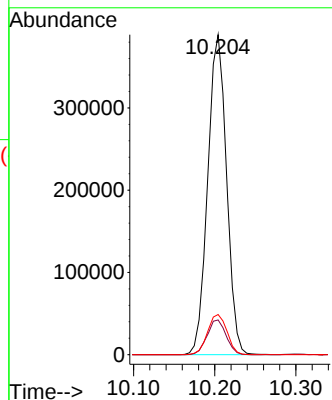
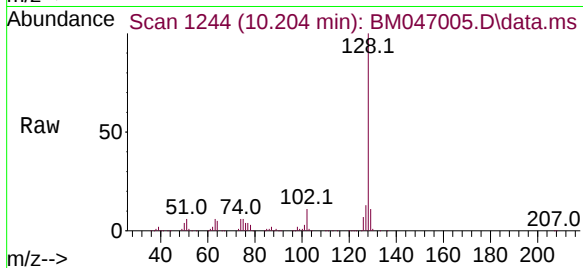
Tgt Ion:128 Resp: 626065

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 12.5 10.4 15.6



#32

4-Chloroaniline

Concen: 6.094 ng/ul

RT: 10.204 min Scan# 1244

Delta R.T. -0.129 min

Lab File: BM047005.D

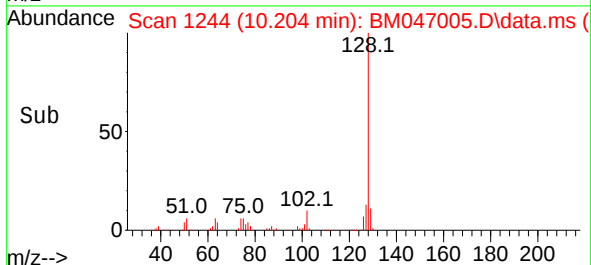
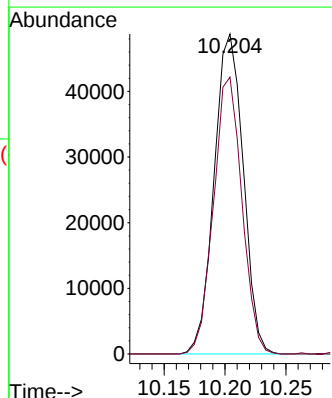
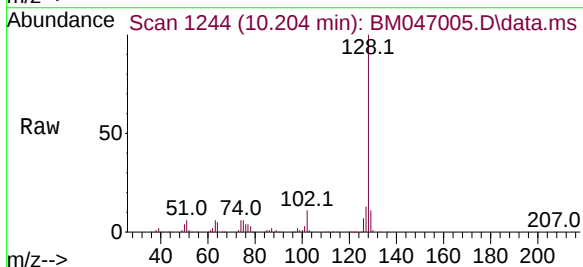
Acq: 06 Aug 2024 00:03

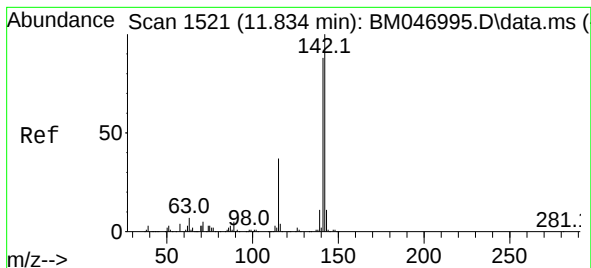
Tgt Ion:127 Resp: 81124

Ion Ratio Lower Upper

127 100

129 86.5 25.6 38.4#

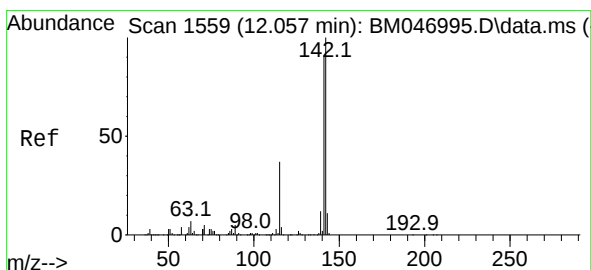
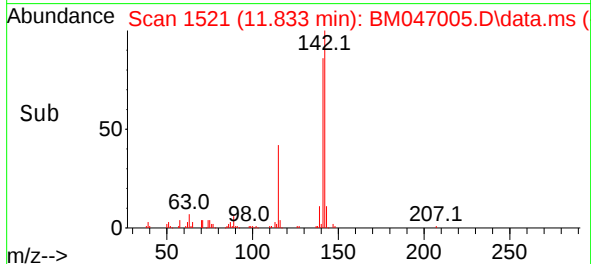
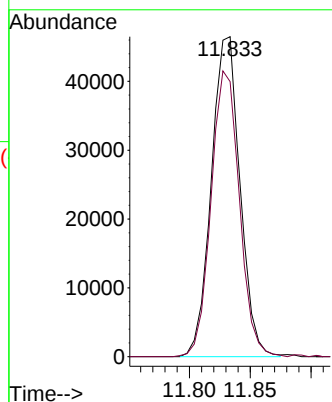
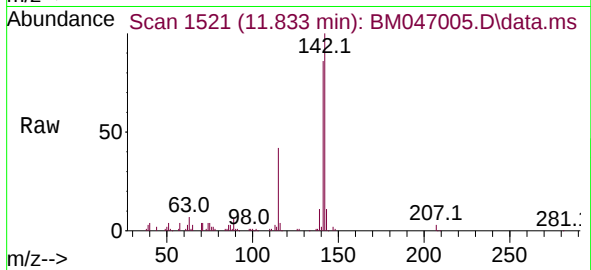




#36
2-Methylnaphthalene
Concen: 3.322 ng/ul
RT: 11.833 min Scan# 1521
Delta R.T. -0.006 min
Lab File: BM047005.D
Acq: 06 Aug 2024 00:03

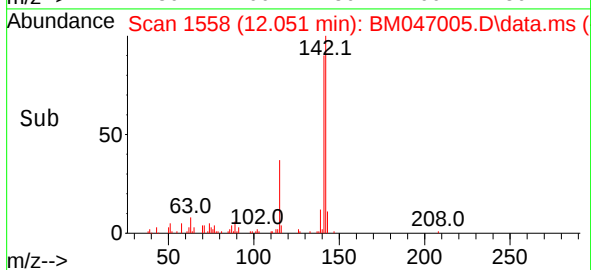
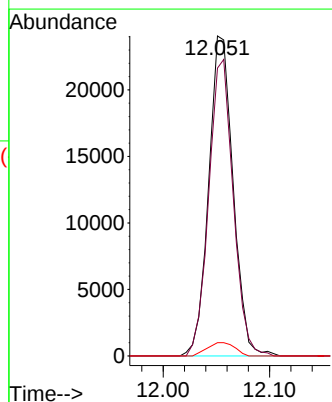
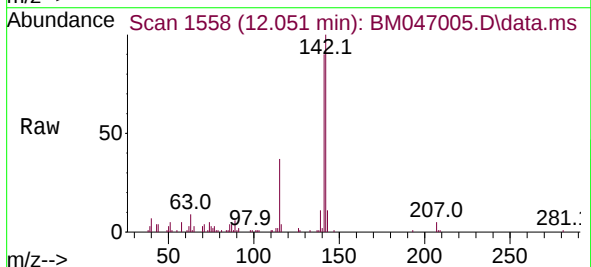
Instrument :
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F7E16

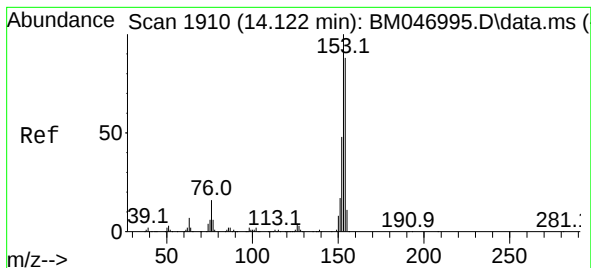
Tgt Ion:142 Resp: 76133
Ion Ratio Lower Upper
142 100
141 86.0 69.9 104.9



#37
1-Methylnaphthalene
Concen: 1.653 ng/ul
RT: 12.051 min Scan# 1558
Delta R.T. -0.012 min
Lab File: BM047005.D
Acq: 06 Aug 2024 00:03

Tgt Ion:142 Resp: 38351
Ion Ratio Lower Upper
142 100
141 90.0 72.0 108.0
116 4.2 3.6 5.4





#52

Acenaphthene

Concen: 2.426 ng/ul

RT: 14.116 min Scan# 1910

Delta R.T. -0.006 min

Lab File: BM047005.D

Acq: 06 Aug 2024 00:03

Instrument :

BNA_M

ClientSampleId :

F7E16

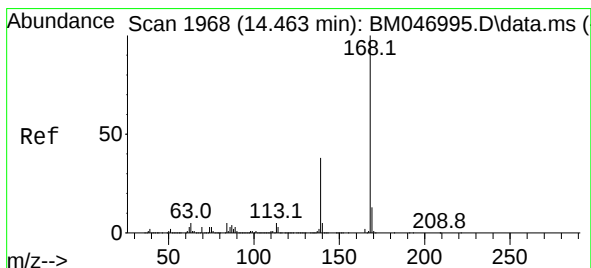
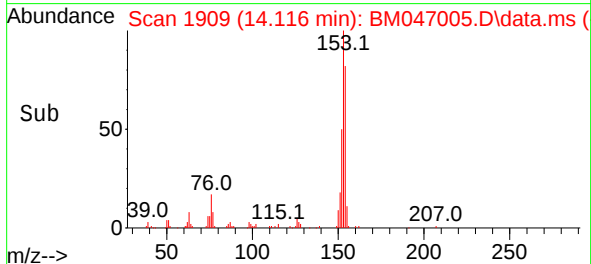
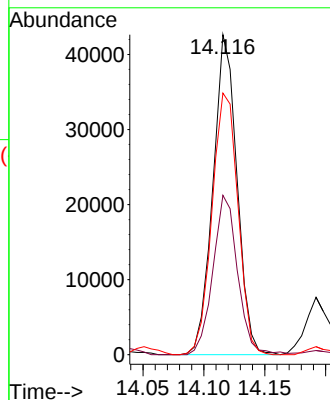
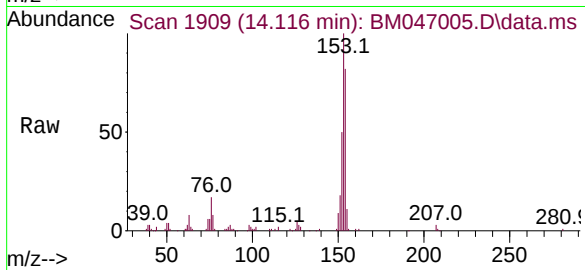
Tgt Ion:153 Resp: 58418

Ion Ratio Lower Upper

153 100

152 49.8 38.2 57.2

154 81.7 70.1 105.1



#56

Dibenzofuran

Concen: 2.083 ng/ul

RT: 14.457 min Scan# 1967

Delta R.T. -0.012 min

Lab File: BM047005.D

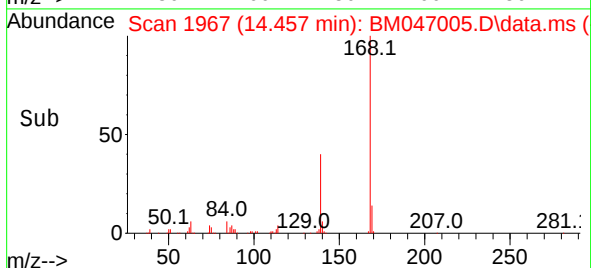
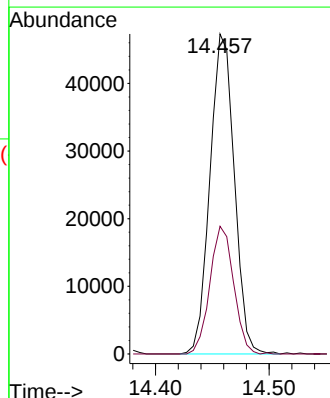
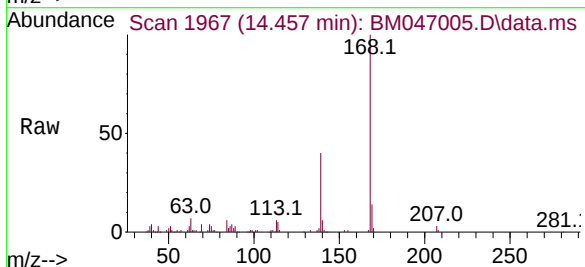
Acq: 06 Aug 2024 00:03

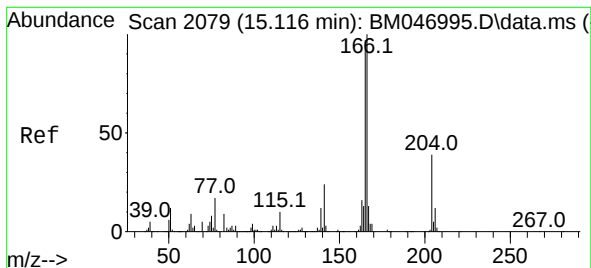
Tgt Ion:168 Resp: 70405

Ion Ratio Lower Upper

168 100

139 39.9 33.0 49.4





#61

Fluorene

Concen: 2.148 ng/ul

RT: 15.116 min Scan# 2079

Delta R.T. -0.006 min

Lab File: BM047005.D

Acq: 06 Aug 2024 00:03

Instrument :

BNA_M

ClientSampleId :

F7E16

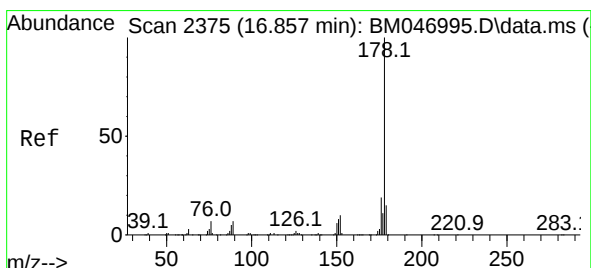
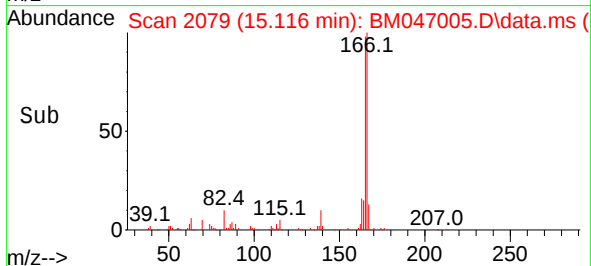
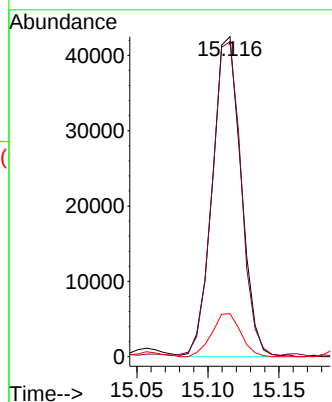
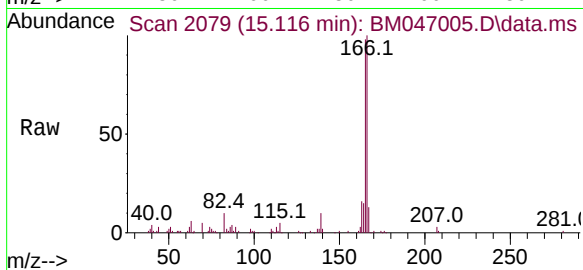
Tgt Ion:166 Resp: 59891

Ion Ratio Lower Upper

166 100

165 98.5 79.5 119.3

167 13.4 11.5 17.3



#72

Phenanthrene

Concen: 5.054 ng/ul

RT: 16.857 min Scan# 2375

Delta R.T. -0.006 min

Lab File: BM047005.D

Acq: 06 Aug 2024 00:03

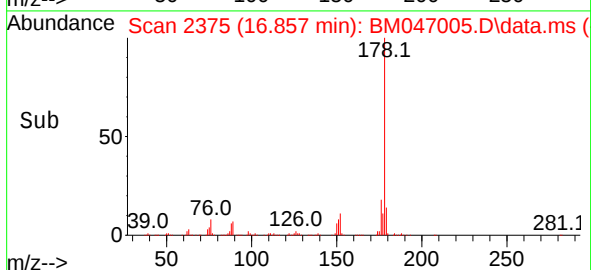
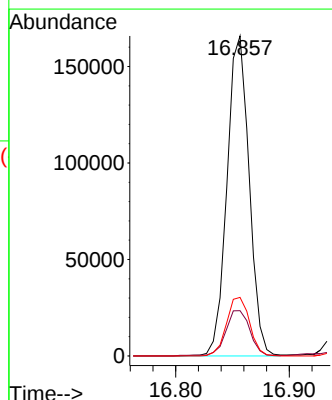
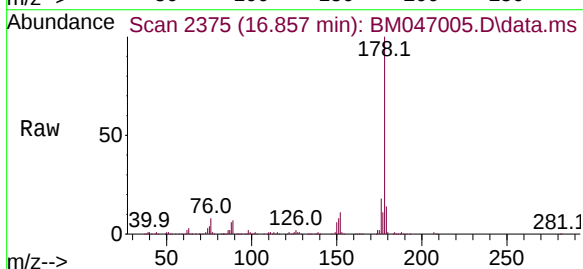
Tgt Ion:178 Resp: 224719

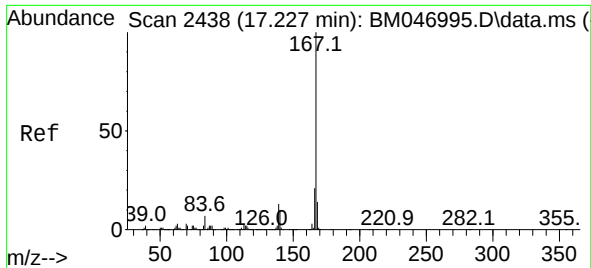
Ion Ratio Lower Upper

178 100

179 14.1 12.3 18.5

176 18.3 15.3 22.9

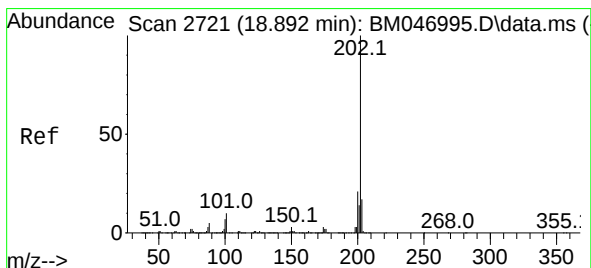
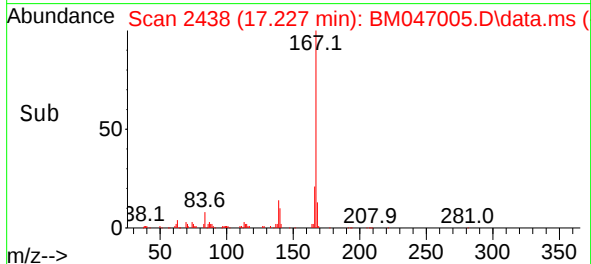
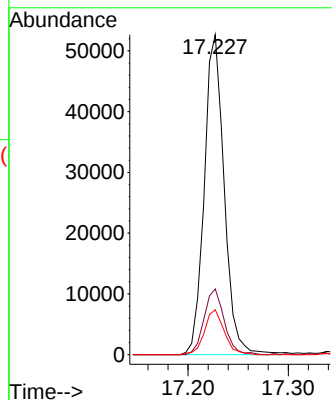
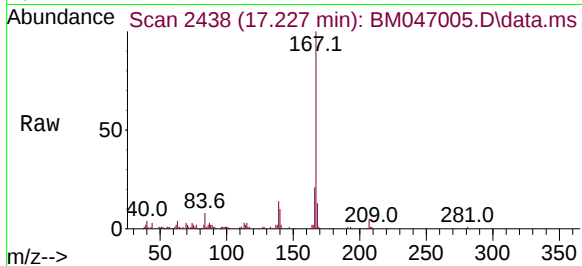




#77
 Carbazole
 Concen: 1.754 ng/ul
 RT: 17.227 min Scan# 2438
 Delta R.T. -0.006 min
 Lab File: BM047005.D
 Acq: 06 Aug 2024 00:03

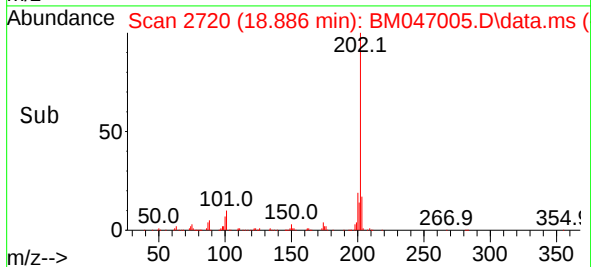
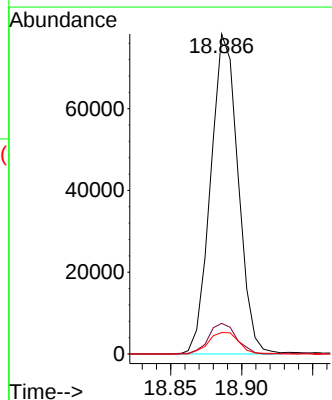
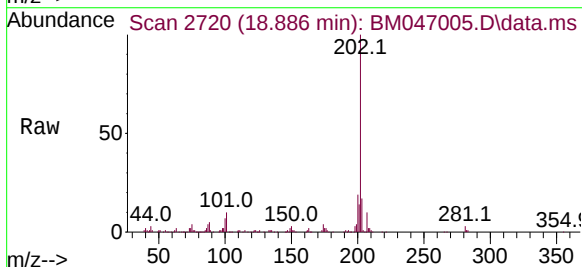
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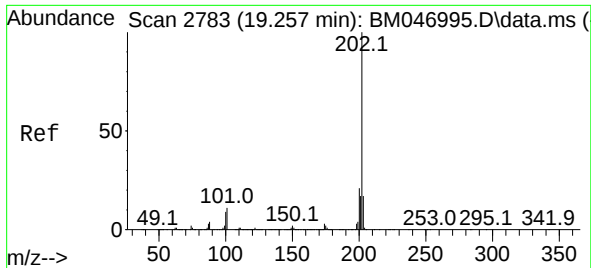
Tgt Ion:167 Resp: 72915
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.0 25.4
 139 14.0 10.6 16.0



#80
 Fluoranthene
 Concen: 1.895 ng/ul
 RT: 18.886 min Scan# 2720
 Delta R.T. -0.006 min
 Lab File: BM047005.D
 Acq: 06 Aug 2024 00:03

Tgt Ion:202 Resp: 105058
 Ion Ratio Lower Upper
 202 100
 101 9.5 7.8 11.6
 100 6.7 5.9 8.9





#82

Pyrene

Concen: 1.260 ng/ul

RT: 19.251 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047005.D

Acq: 06 Aug 2024 00:03

Instrument :

BNA_M

ClientSampleId :

F7E16

Tgt Ion:202 Resp: 74405

Ion Ratio Lower Upper

202 100

101 12.1 8.7 13.1

100 9.9 6.8 10.2

