

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080524\
 Data File : BM047004.D
 Acq On : 05 Aug 2024 23:21
 Operator : RC/JU
 Sample : P3329-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E15

Quant Time: Aug 06 01:22:51 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

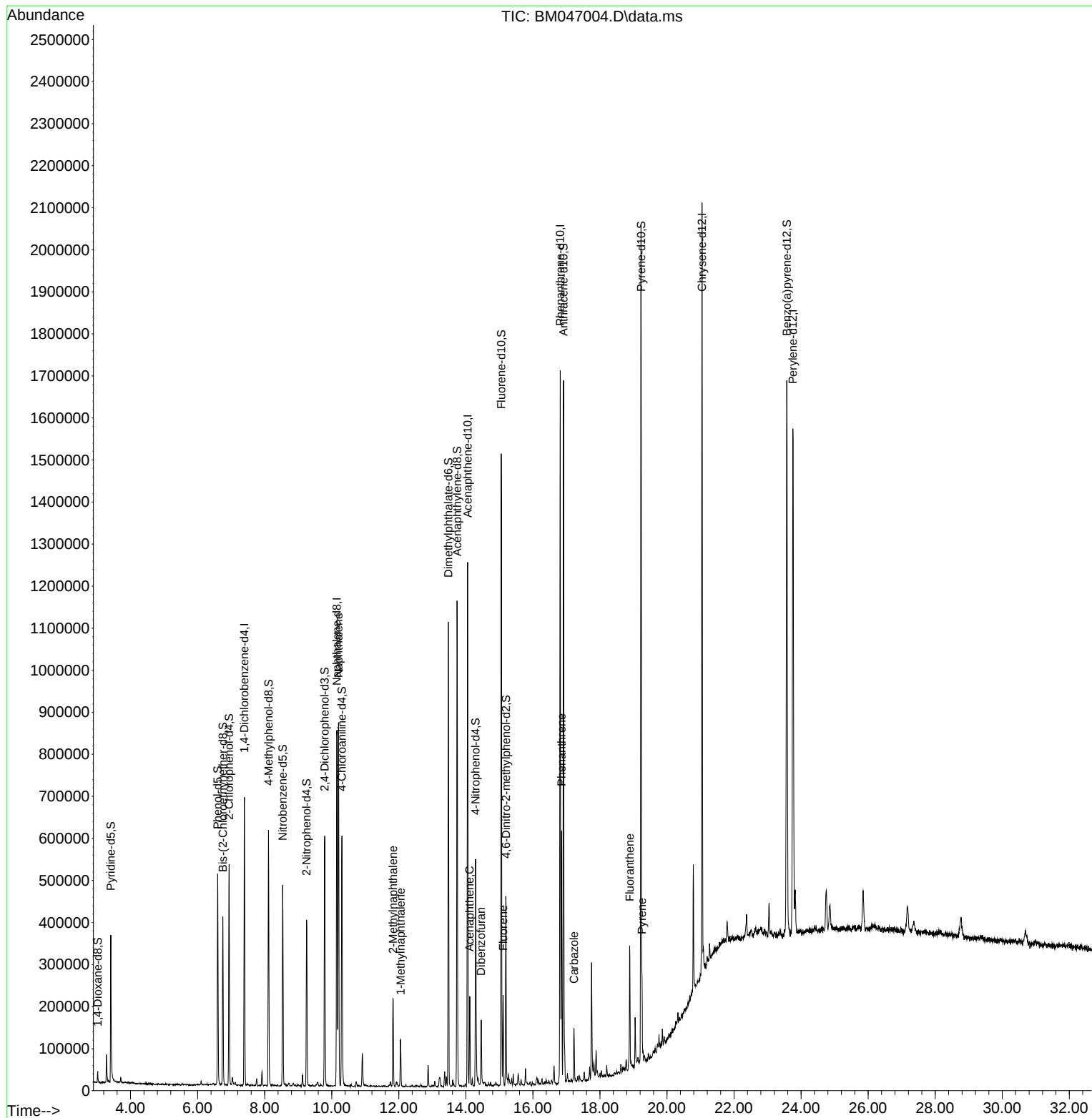
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.398	152	178890	20.000	ng/ul	0.00
20) Naphthalene-d8	10.151	136	679326	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.057	164	432324	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.815	188	913625	20.000	ng/ul	0.00
79) Chrysene-d12	21.044	240	893082	20.000	ng/ul	-0.01
88) Perylene-d12	23.756	264	1044666	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	12684	2.809	ng/uL	0.00
4) Pyridine-d5	3.410	84	183515	14.900	ng/ul	0.00
7) Phenol-d5	6.598	99	260427	19.164	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.751	67	172194	19.258	ng/ul	0.00
11) 2-Chlorophenol-d4	6.939	132	213502	18.547	ng/ul	0.00
15) 4-Methylphenol-d8	8.116	113	208224	19.342	ng/ul	0.00
21) Nitrobenzene-d5	8.539	128	102683	18.837	ng/ul	0.00
24) 2-Nitrophenol-d4	9.251	143	111808	18.782	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.792	165	206085	18.031	ng/ul	0.00
31) 4-Chloroaniline-d4	10.304	131	279464	18.605	ng/ul	0.00
46) Dimethylphthalate-d6	13.480	166	661781	20.020	ng/ul	0.00
49) Acenaphthylene-d8	13.739	160	733400	19.876	ng/ul	0.00
54) 4-Nitrophenol-d4	14.292	143	107491	16.818	ng/ul	0.00
60) Fluorene-d10	15.057	176	559217	19.776	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.198	200	84757	14.684	ng/ul	0.00
73) Anthracene-d10	16.915	188	881211	20.346	ng/ul	0.00
81) Pyrene-d10	19.227	212	1022767	20.006	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.574	264	1119063	20.343	ng/ul	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.204	128	667702	18.564	ng/ul	99
36) 2-Methylnaphthalene	11.827	142	99550	3.964	ng/ul	99
37) 1-Methylnaphthalene	12.057	142	50701	1.994	ng/ul#	98
52) Acenaphthene	14.115	153	80959	2.882	ng/ul	96
56) Dibenzofuran	14.457	168	92968	2.358	ng/ul	98
61) Fluorene	15.115	166	85986	2.644	ng/ul	96
72) Phenanthrene	16.856	178	331982	6.482	ng/ul	99
77) Carbazole	17.227	167	76650	1.601	ng/ul	99
80) Fluoranthene	18.886	202	170547	2.791	ng/ul	99
82) Pyrene	19.256	202	118266	1.817	ng/ul	96

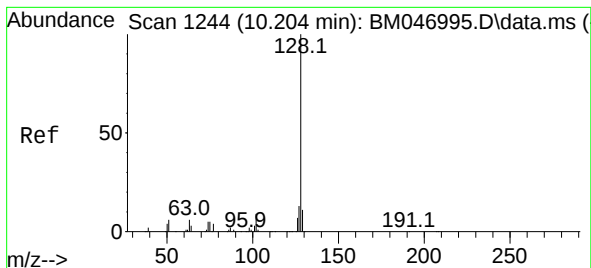
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#30

Naphthalene

Concen: 18.564 ng/ul

RT: 10.204 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047004.D

Acq: 05 Aug 2024 23:21

Instrument :

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ClientSampleId :

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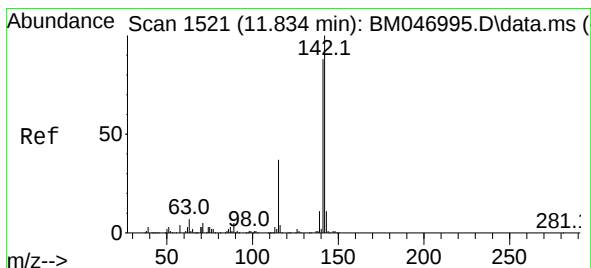
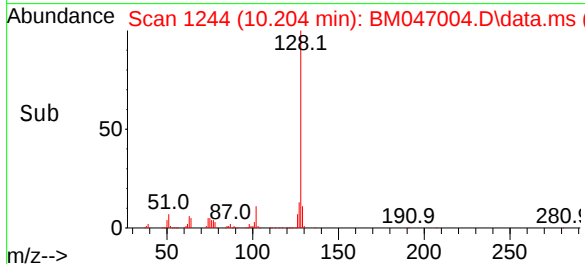
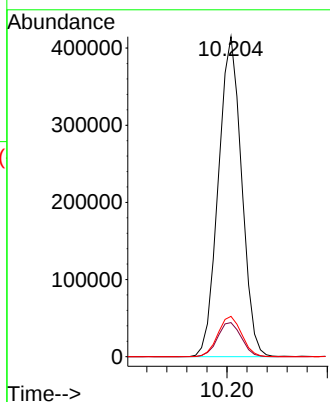
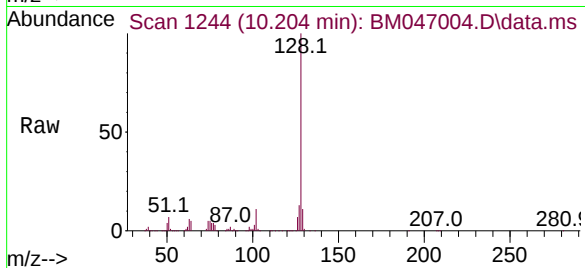
Tgt Ion:128 Resp: 667702

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

127 12.6 10.4 15.6



#36

2-Methylnaphthalene

Concen: 3.964 ng/ul

RT: 11.827 min Scan# 1520

Delta R.T. -0.012 min

Lab File: BM047004.D

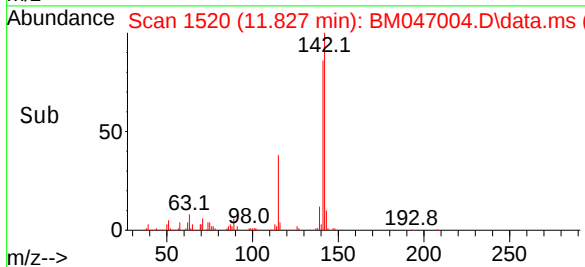
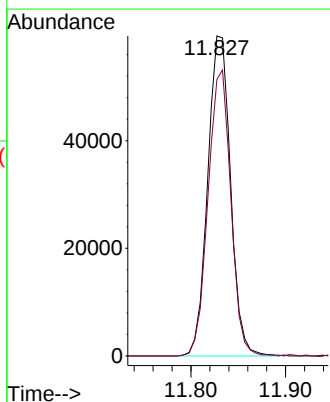
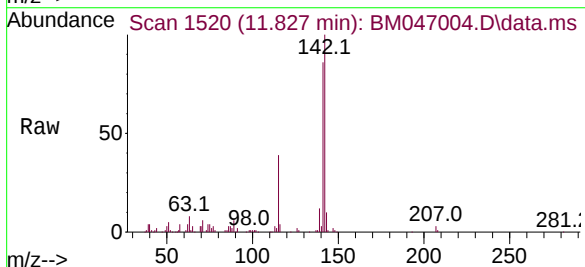
Acq: 05 Aug 2024 23:21

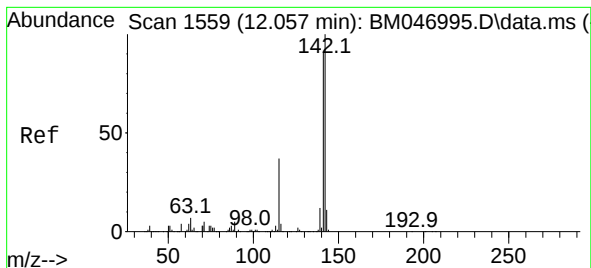
Tgt Ion:142 Resp: 99550

Ion Ratio Lower Upper

142 100

141 86.4 69.9 104.9





#37

1-Methylnaphthalene

Concen: 1.994 ng/ul

RT: 12.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047004.D

Acq: 05 Aug 2024 23:21

Instrument :

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ClientSampleId :

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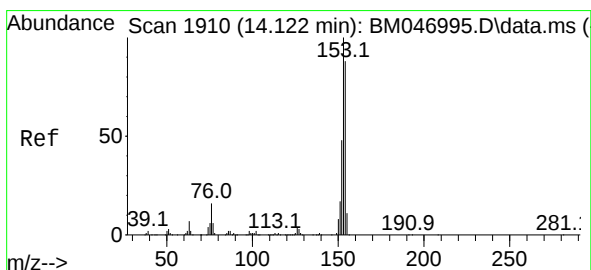
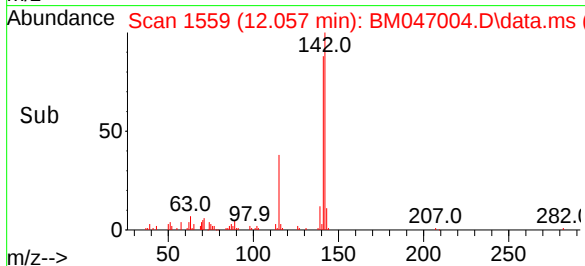
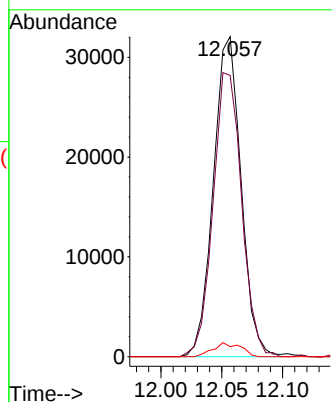
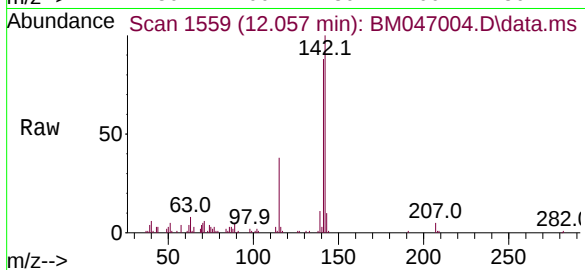
Tgt Ion:142 Resp: 50701

Ion Ratio Lower Upper

142 100

141 87.9 72.0 108.0

116 3.2 3.6 5.4#



#52

Acenaphthene

Concen: 2.882 ng/ul

RT: 14.115 min Scan# 1909

Delta R.T. -0.006 min

Lab File: BM047004.D

Acq: 05 Aug 2024 23:21

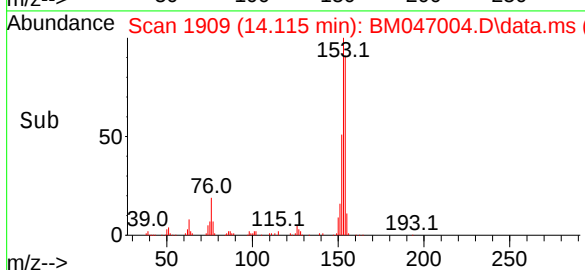
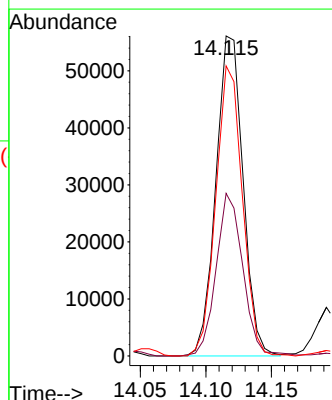
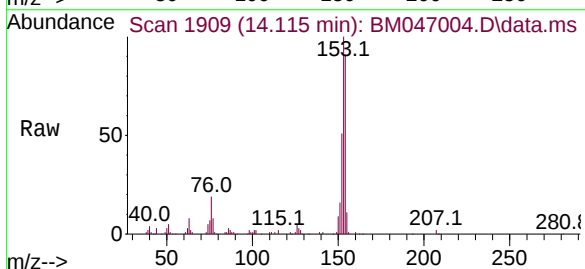
Tgt Ion:153 Resp: 80959

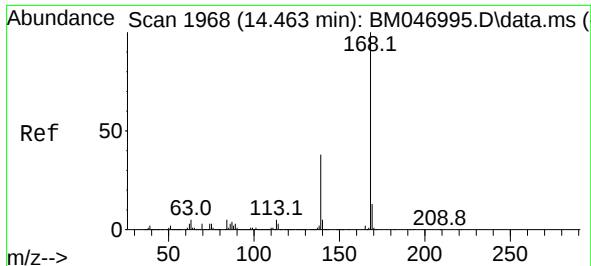
Ion Ratio Lower Upper

153 100

152 50.8 38.2 57.2

154 90.6 70.1 105.1





#56

Dibenzofuran

Concen: 2.358 ng/ul

RT: 14.457 min Scan# 1967

Delta R.T. -0.012 min

Lab File: BM047004.D

Acq: 05 Aug 2024 23:21

Instrument :

BNA_M

ClientSampleId :

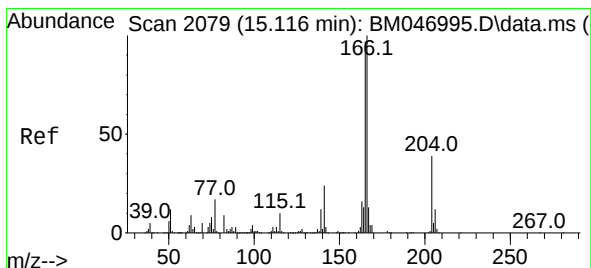
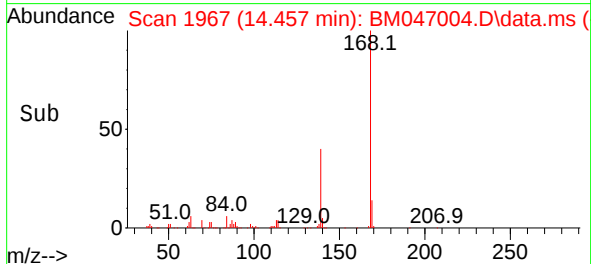
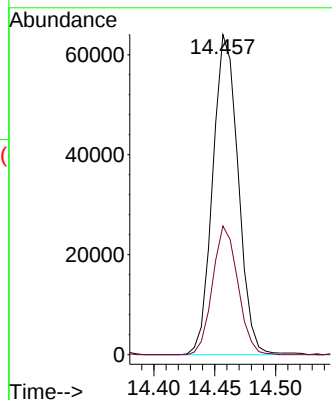
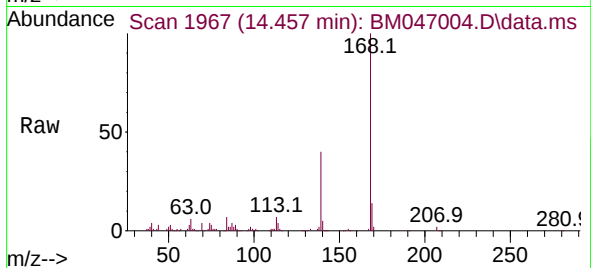
F7E15

Tgt Ion:168 Resp: 92968

Ion Ratio Lower Upper

168 100

139 40.2 33.0 49.4



#61

Fluorene

Concen: 2.644 ng/ul

RT: 15.115 min Scan# 2079

Delta R.T. -0.006 min

Lab File: BM047004.D

Acq: 05 Aug 2024 23:21

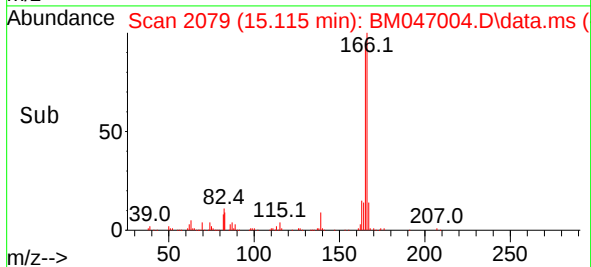
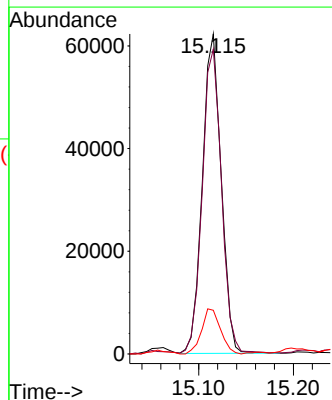
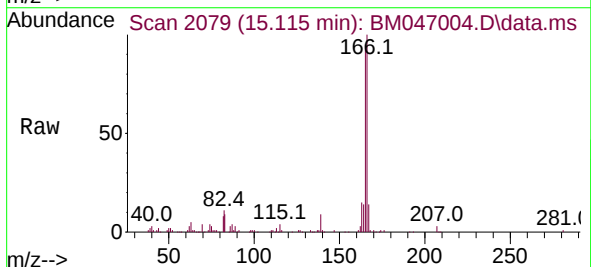
Tgt Ion:166 Resp: 85986

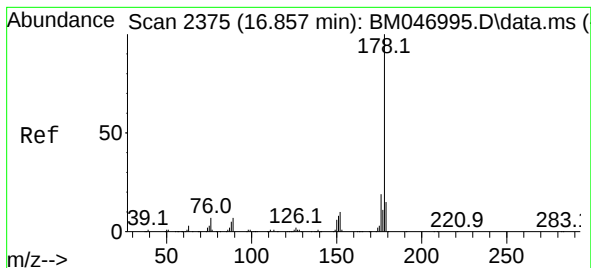
Ion Ratio Lower Upper

166 100

165 95.2 79.5 119.3

167 13.7 11.5 17.3





#72

Phenanthrene

Concen: 6.482 ng/ul

RT: 16.856 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM047004.D

Acq: 05 Aug 2024 23:21

Instrument :

BNA_M

ClientSampleId :

F7E15

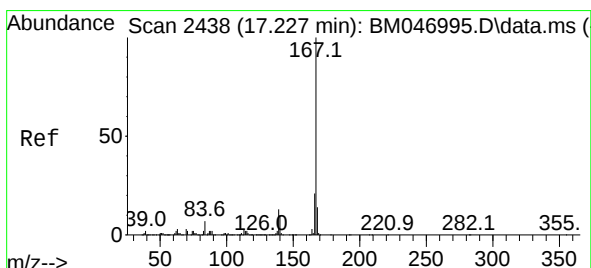
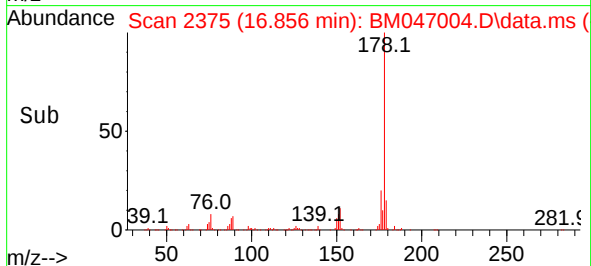
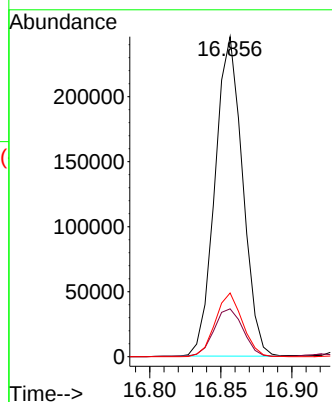
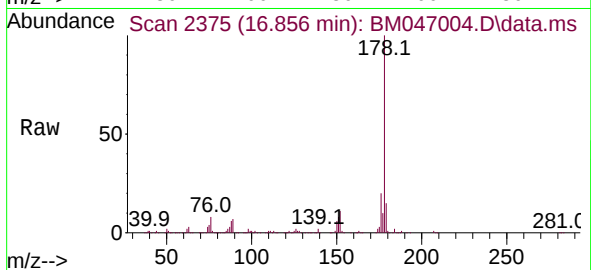
Tgt Ion:178 Resp: 331982

Ion Ratio Lower Upper

178 100

179 14.9 12.3 18.5

176 19.9 15.3 22.9



#77

Carbazole

Concen: 1.601 ng/ul

RT: 17.227 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BM047004.D

Acq: 05 Aug 2024 23:21

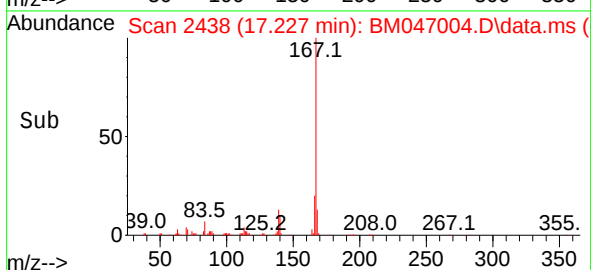
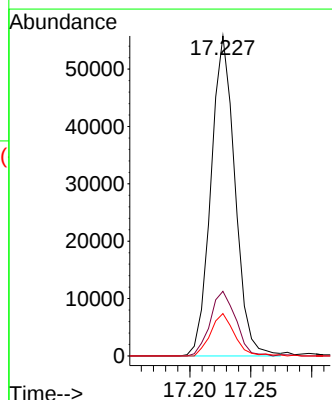
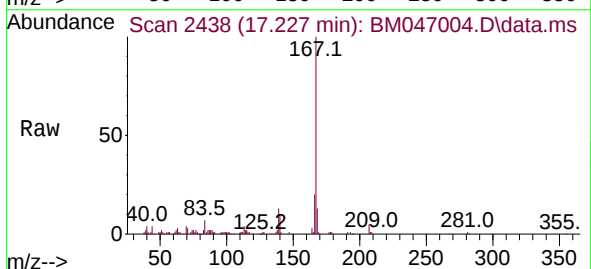
Tgt Ion:167 Resp: 76650

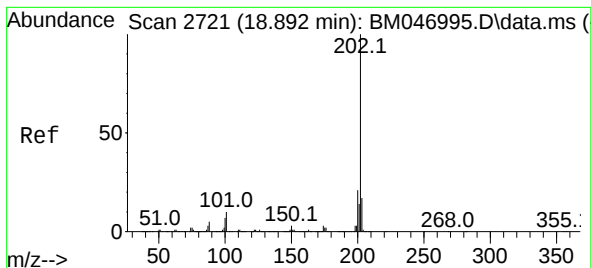
Ion Ratio Lower Upper

167 100

166 20.2 17.0 25.4

139 13.2 10.6 16.0





#80

Fluoranthene

Concen: 2.791 ng/ul

RT: 18.886 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047004.D

Acq: 05 Aug 2024 23:21

Instrument :

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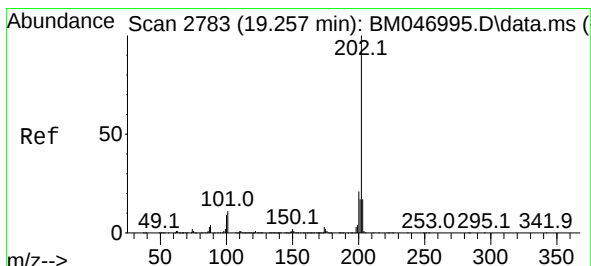
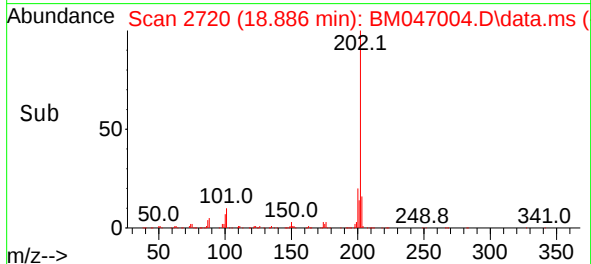
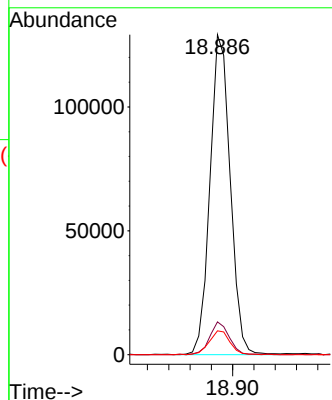
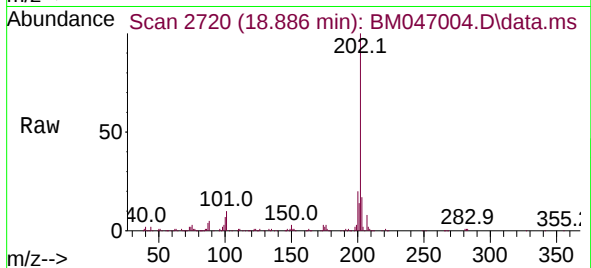
Tgt Ion:202 Resp: 170547

Ion Ratio Lower Upper

202 100

101 10.2 7.8 11.6

100 7.4 5.9 8.9



#82

Pyrene

Concen: 1.817 ng/ul

RT: 19.256 min Scan# 2783

Delta R.T. -0.006 min

Lab File: BM047004.D

Acq: 05 Aug 2024 23:21

Tgt Ion:202 Resp: 118266

Ion Ratio Lower Upper

202 100

101 12.1 8.7 13.1

100 10.2 6.8 10.2

