

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049411.D
 Acq On : 23 Jan 2025 09:41
 Operator : RC/JU
 Sample : Q1139-01DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZH0DL

Quant Time: Jan 23 22:08:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 13 16:56:06 2025
 Response via : Initial Calibration

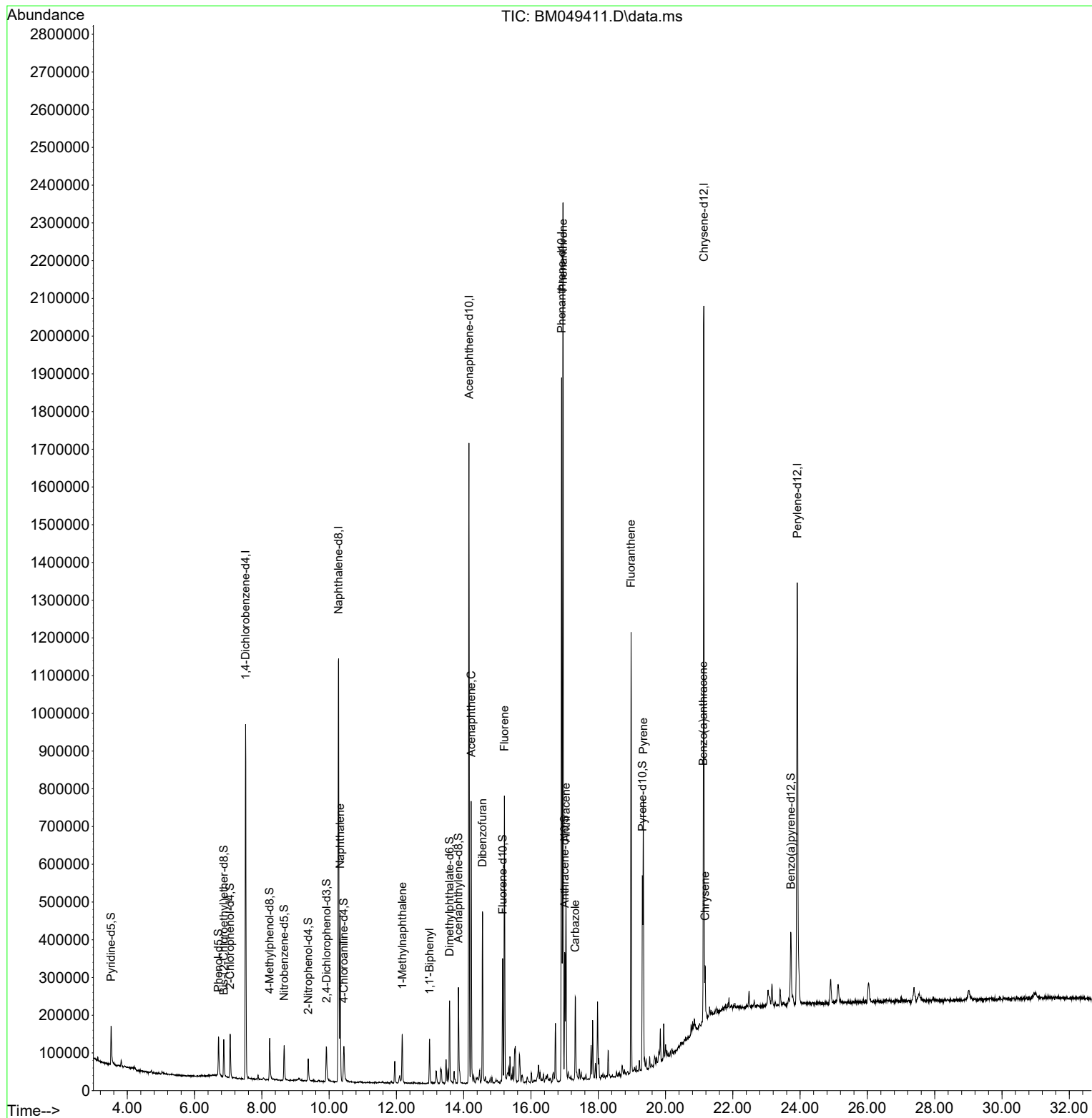
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	259686	20.000	ng/ul	0.00
20) Naphthalene-d8	10.281	136	923950	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	564560	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	1062049	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	952034	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	988519	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	4609	0.734	ng/uL	0.00
4) Pyridine-d5	3.516	84	61617	3.084	ng/ul	0.00
7) Phenol-d5	6.710	99	63648	2.920	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	48472	3.339	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	53402	3.202	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	46226	2.735	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	22129	3.141	ng/ul	0.00
24) 2-Nitrophenol-d4	9.381	143	20245	2.570	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	44315	2.757	ng/ul	0.00
31) 4-Chloroaniline-d4	10.434	131	53072	2.509	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	153865	3.662	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	164871	3.437	ng/ul	0.00
54) 4-Nitrophenol-d4	14.410	143	2351	0.338	ng/ul	0.02
60) Fluorene-d10	15.157	176	126182	3.476	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	4234	0.626	ng/ul	0.00
73) Anthracene-d10	17.004	188	195153	3.717	ng/ul	-0.01
81) Pyrene-d10	19.309	212	211114	3.644	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.727	264	179224	3.377	ng/ul	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.328	128	346250	7.061	ng/ul	99
37) 1-Methylnaphthalene	12.175	142	63948	1.832	ng/ul#	98
43) 1,1'-Biphenyl	12.986	154	66762	1.615	ng/ul	97
52) Acenaphthene	14.222	153	288167	8.201	ng/ul	98
56) Dibenzofuran	14.557	168	321347	6.440	ng/ul	99
61) Fluorene	15.210	166	344227	8.444	ng/ul	99
72) Phenanthrene	16.951	178	1344302	22.768	ng/ul	99
74) Anthracene	17.039	178	314370	5.305	ng/ul	99
77) Carbazole	17.316	167	134962	2.567	ng/ul	99
80) Fluoranthene	18.974	202	688144	10.336	ng/ul	99
82) Pyrene	19.339	202	441832	6.234	ng/ul	100
85) Benzo(a)anthracene	21.121	228	88029	1.327	ng/ul	99
87) Chrysene	21.174	228	82592	1.364	ng/ul	99

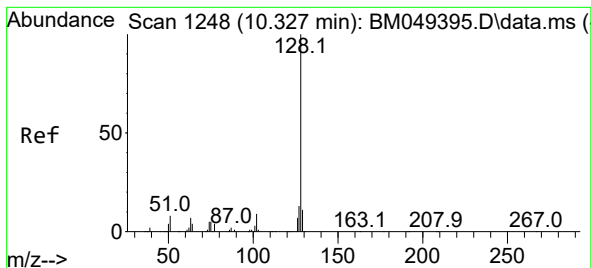
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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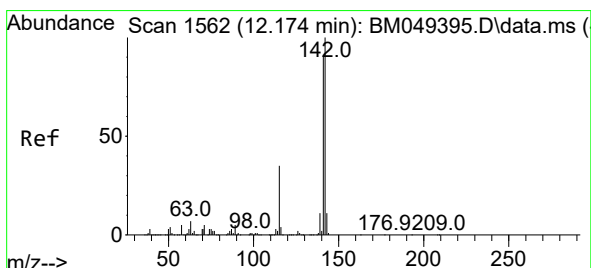
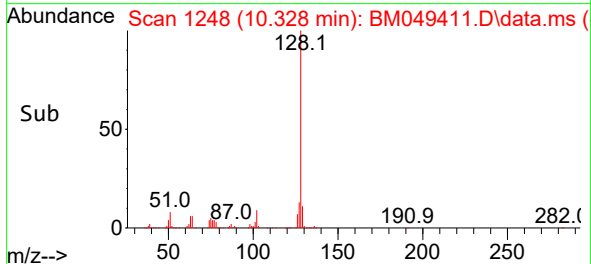
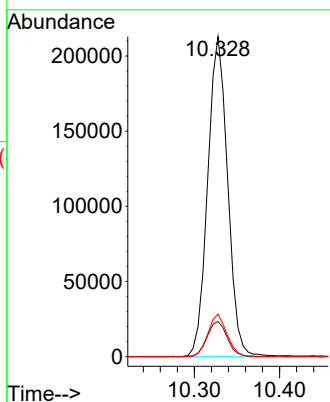
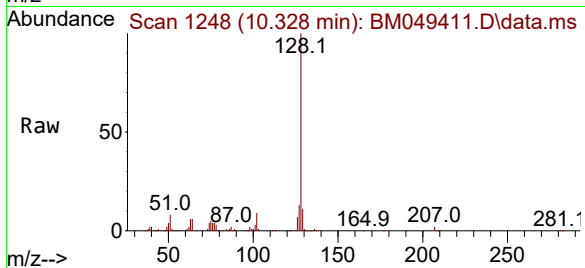




#30
Naphthalene
Concen: 7.061 ng/ul
RT: 10.328 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BM049411.D
Acq: 23 Jan 2025 09:41

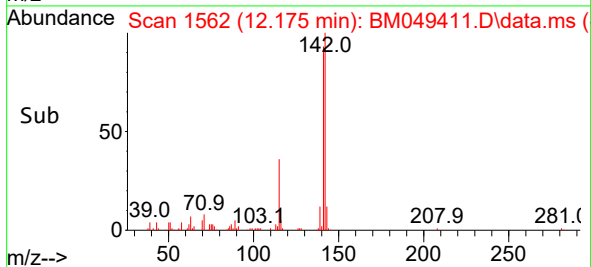
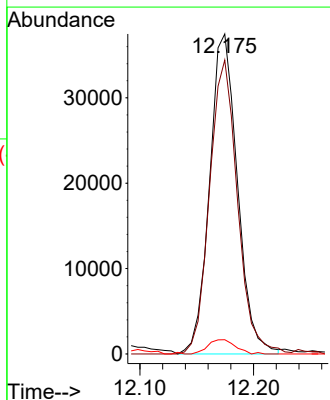
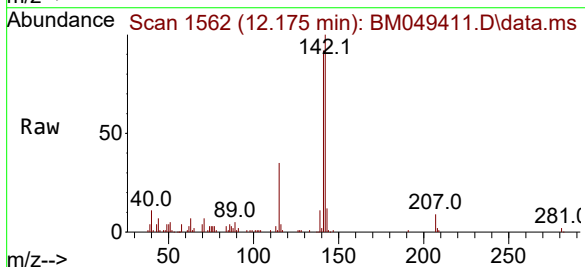
Instrument :
BNA_M
ClientSampleId :
DCZH0DL

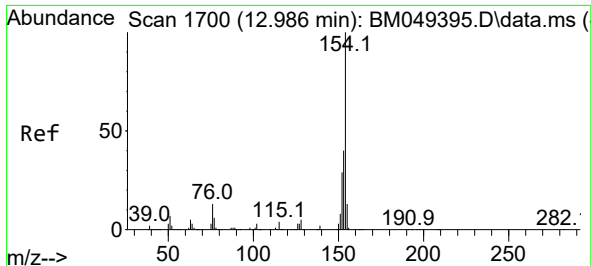
Tgt Ion:128 Resp: 346250
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.3 10.2 15.2



#37
1-Methylnaphthalene
Concen: 1.832 ng/ul
RT: 12.175 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BM049411.D
Acq: 23 Jan 2025 09:41

Tgt Ion:142 Resp: 63948
Ion Ratio Lower Upper
142 100
141 91.8 71.9 107.9
116 4.4 2.8 4.2#

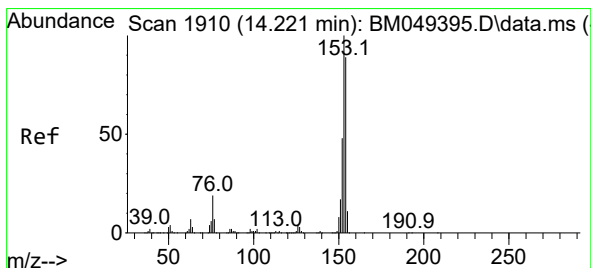
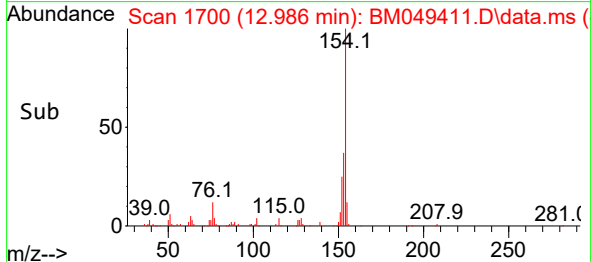
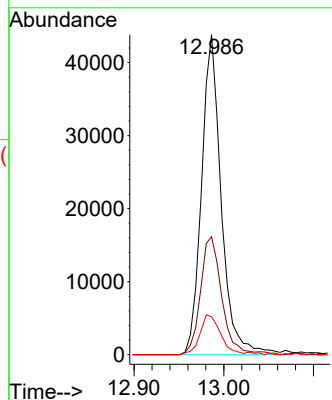
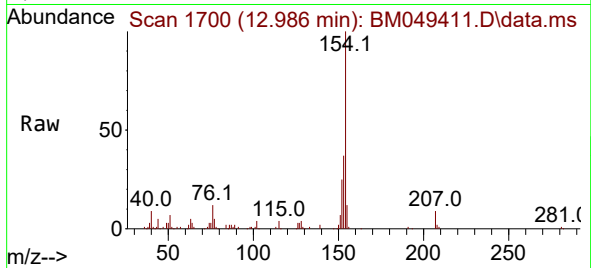




#43
1,1'-Biphenyl
Concen: 1.615 ng/ul
RT: 12.986 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BM049411.D
Acq: 23 Jan 2025 09:41

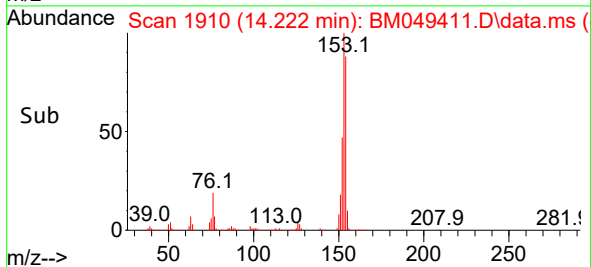
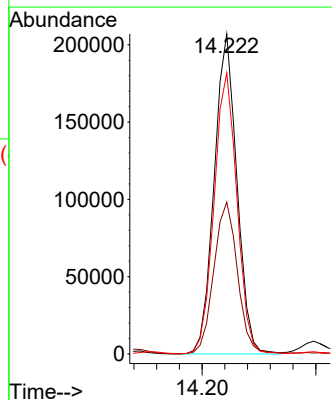
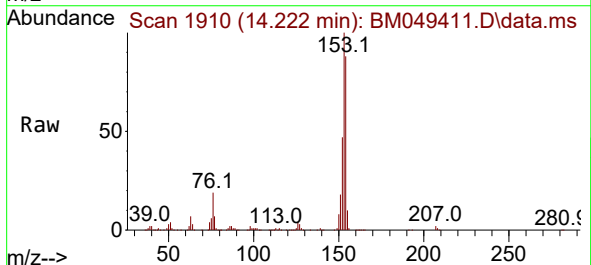
Instrument :
BNA_M
ClientSampleId :
DCZH0DL

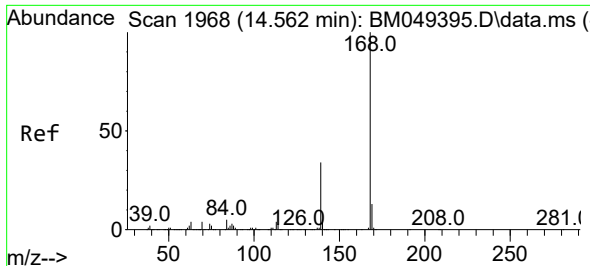
Tgt Ion:154 Resp: 66762
Ion Ratio Lower Upper
154 100
153 36.9 31.0 46.4
76 11.8 9.1 13.7



#52
Acenaphthene
Concen: 8.201 ng/ul
RT: 14.222 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BM049411.D
Acq: 23 Jan 2025 09:41

Tgt Ion:153 Resp: 288167
Ion Ratio Lower Upper
153 100
152 47.5 39.0 58.6
154 87.8 71.6 107.4

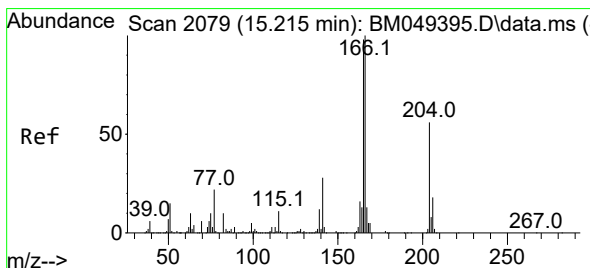
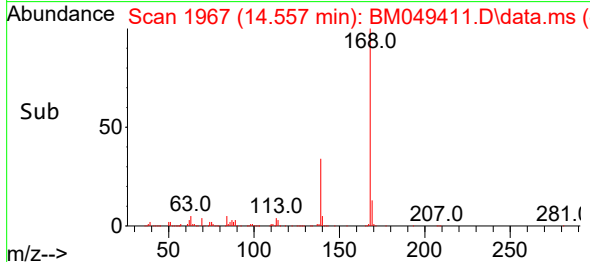
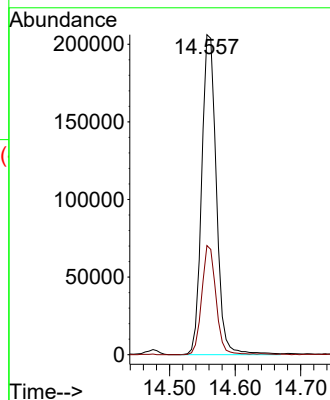
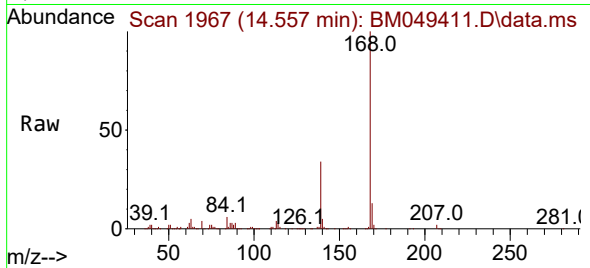




#56
Dibenzofuran
Concen: 6.440 ng/ul
RT: 14.557 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BM049411.D
Acq: 23 Jan 2025 09:41

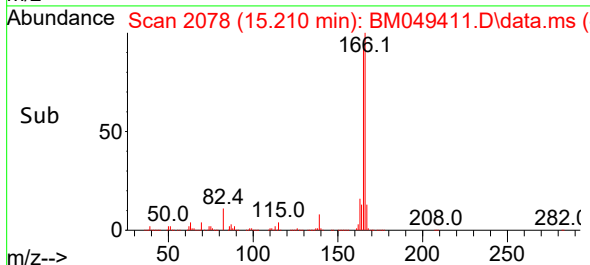
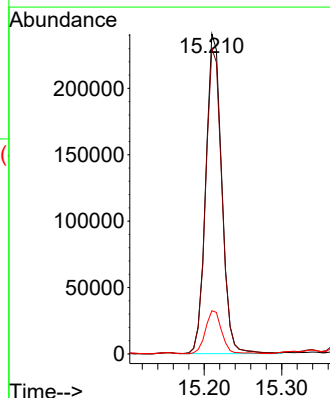
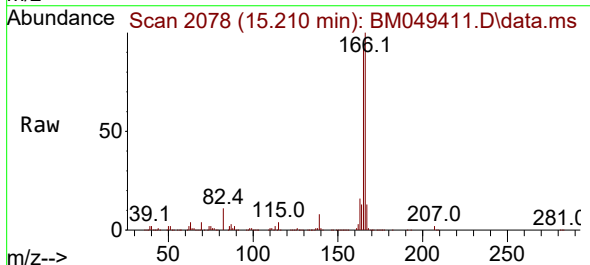
Instrument :
BNA_M
ClientSampleId :
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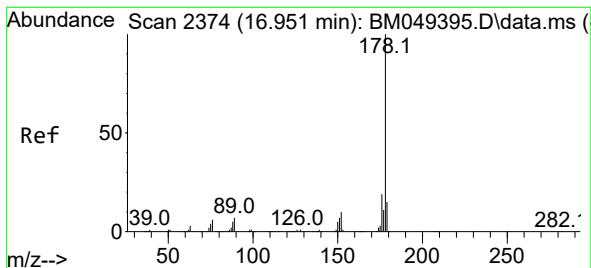
Tgt Ion:168 Resp: 321347
Ion Ratio Lower Upper
168 100
139 34.1 27.0 40.4



#61
Fluorene
Concen: 8.444 ng/ul
RT: 15.210 min Scan# 2078
Delta R.T. -0.012 min
Lab File: BM049411.D
Acq: 23 Jan 2025 09:41

Tgt Ion:166 Resp: 344227
Ion Ratio Lower Upper
166 100
165 95.5 77.7 116.5
167 13.5 10.7 16.1





#72

Phenanthrene

Concen: 22.768 ng/ul

RT: 16.951 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049411.D

Acq: 23 Jan 2025 09:41

Instrument :

BNA_M

ClientSampleId :

DCZH0DL

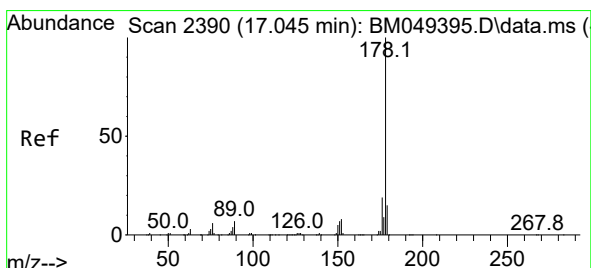
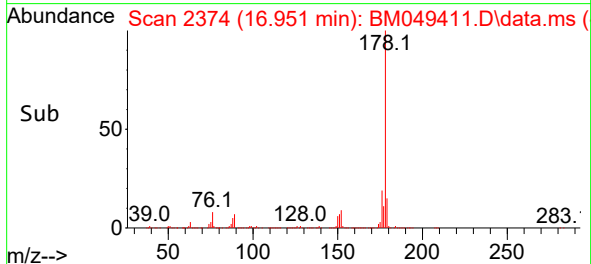
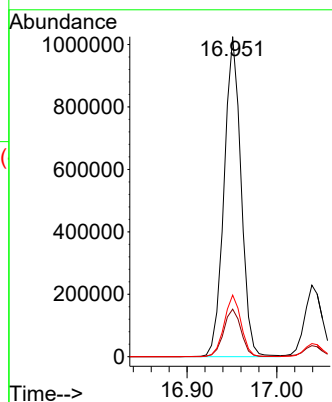
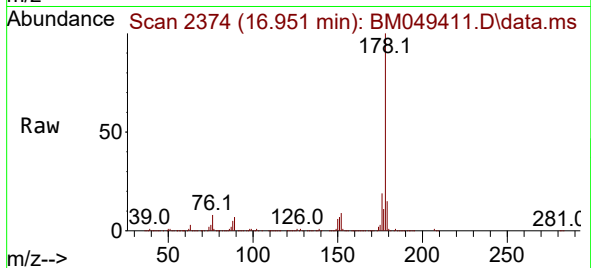
Tgt Ion:178 Resp: 1344302

Ion Ratio Lower Upper

178 100

179 14.9 12.6 19.0

176 19.2 15.4 23.2



#74

Anthracene

Concen: 5.305 ng/ul

RT: 17.039 min Scan# 2389

Delta R.T. -0.012 min

Lab File: BM049411.D

Acq: 23 Jan 2025 09:41

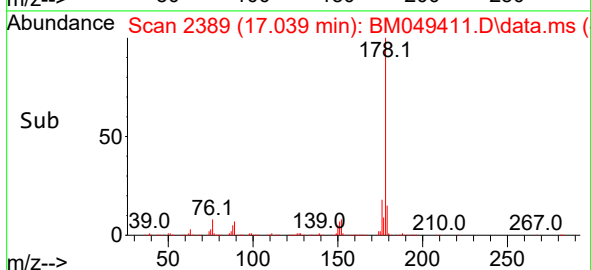
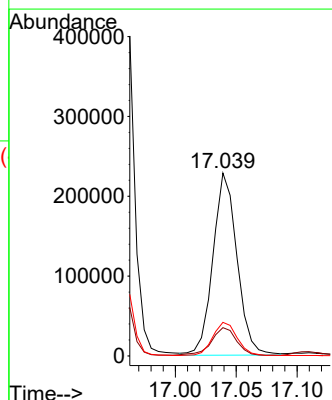
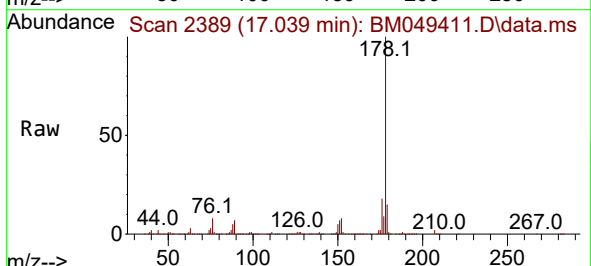
Tgt Ion:178 Resp: 314370

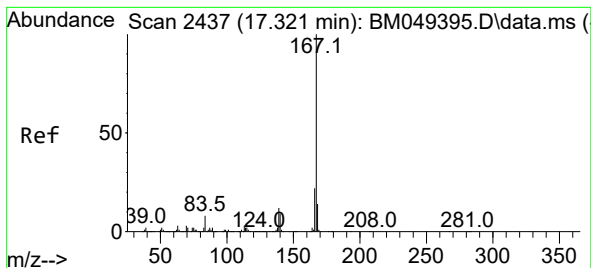
Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 18.4 15.1 22.7





#77

Carbazole

Concen: 2.567 ng/ul

RT: 17.316 min Scan# 2436

Delta R.T. -0.012 min

Lab File: BM049411.D

Acq: 23 Jan 2025 09:41

Instrument :

BNA_M

ClientSampleId :

DCZH0DL

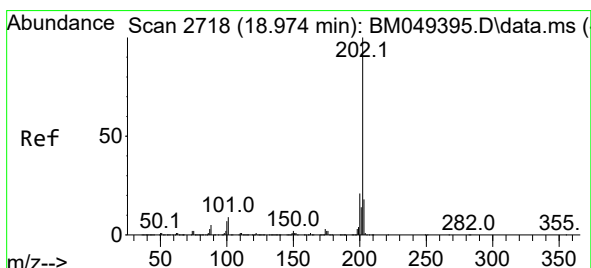
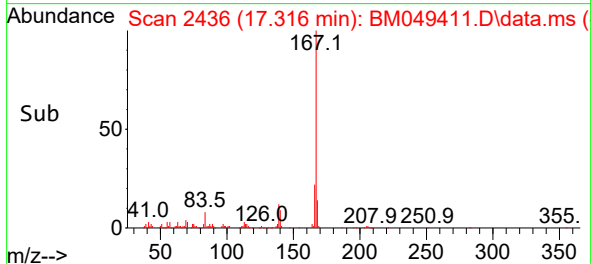
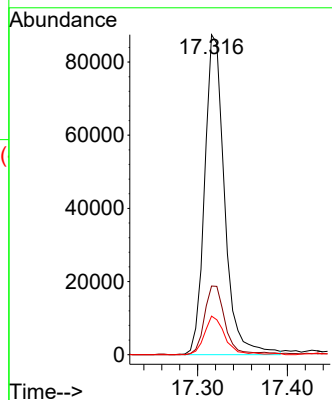
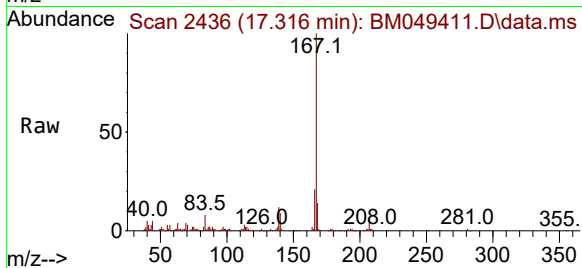
Tgt Ion:167 Resp: 134962

Ion Ratio Lower Upper

167 100

166 21.5 16.7 25.1

139 12.0 9.5 14.3



#80

Fluoranthene

Concen: 10.336 ng/ul

RT: 18.974 min Scan# 2718

Delta R.T. -0.012 min

Lab File: BM049411.D

Acq: 23 Jan 2025 09:41

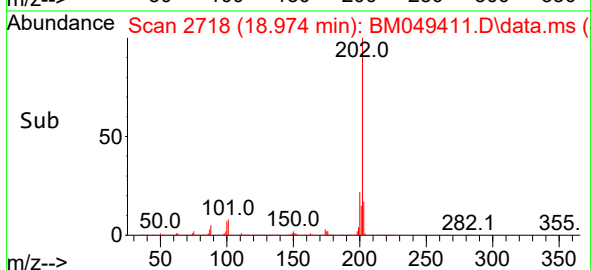
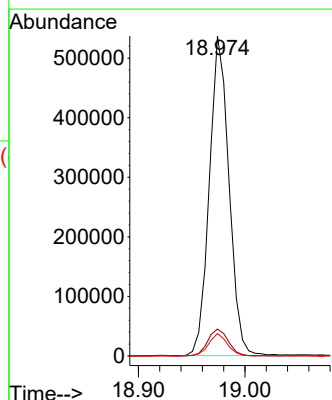
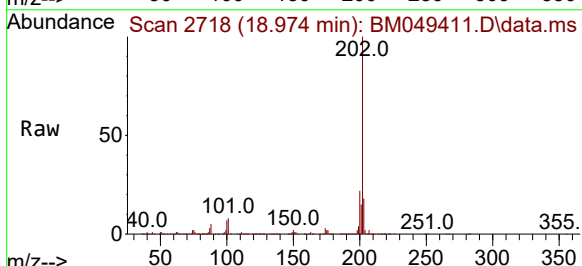
Tgt Ion:202 Resp: 688144

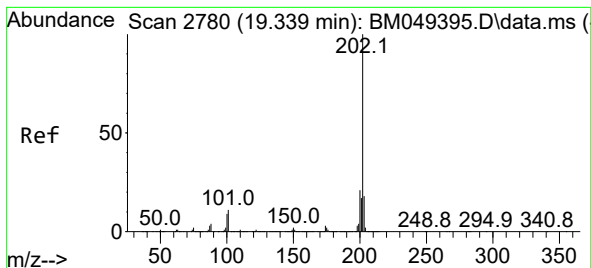
Ion Ratio Lower Upper

202 100

101 8.4 7.0 10.4

100 7.0 5.0 7.6





#82

Pyrene

Concen: 6.234 ng/ul

RT: 19.339 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049411.D

Acq: 23 Jan 2025 09:41

Instrument :

BNA_M

ClientSampleId :

DCZH0DL

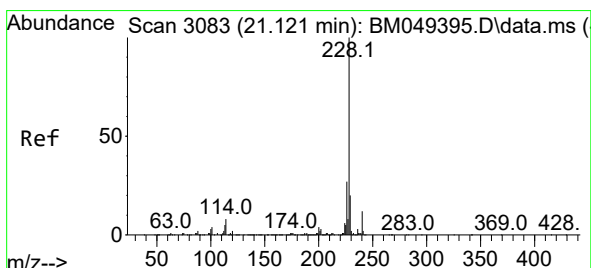
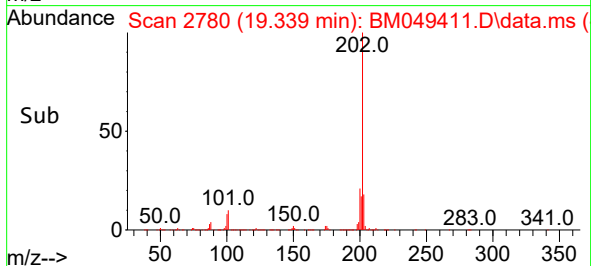
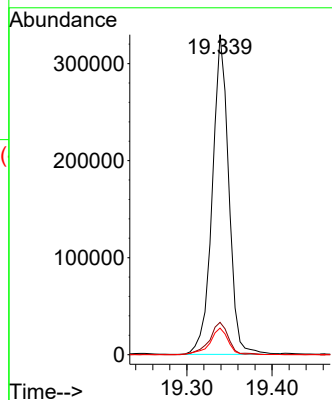
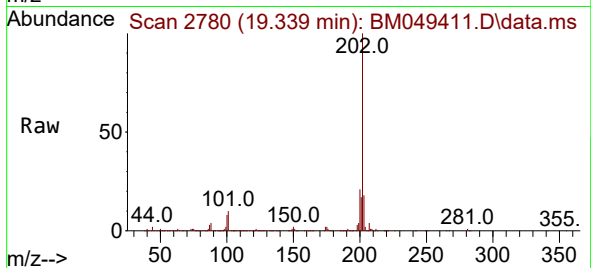
Tgt Ion:202 Resp: 441832

Ion Ratio Lower Upper

202 100

101 10.1 7.8 11.8

100 8.3 6.6 10.0



#85

Benzo(a)anthracene

Concen: 1.327 ng/ul

RT: 21.121 min Scan# 3083

Delta R.T. -0.012 min

Lab File: BM049411.D

Acq: 23 Jan 2025 09:41

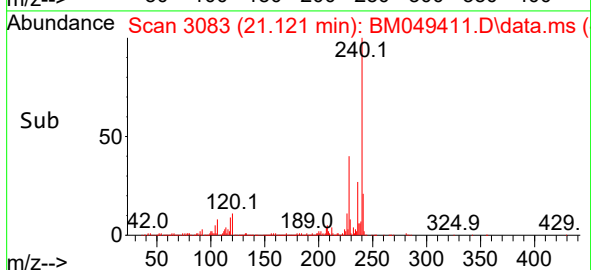
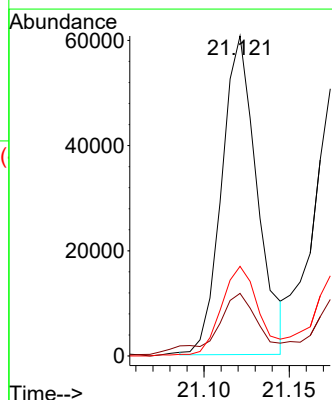
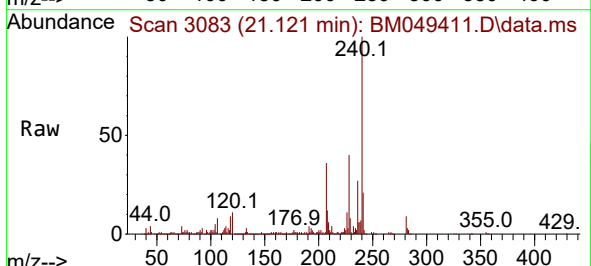
Tgt Ion:228 Resp: 88029

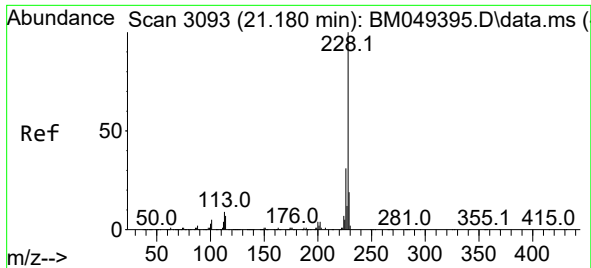
Ion Ratio Lower Upper

228 100

229 19.5 15.8 23.6

226 28.0 22.1 33.1





#87
 Chrysene
 Concen: 1.364 ng/ul
 RT: 21.174 min Scan# 3092
 Delta R.T. -0.012 min
 Lab File: BM049411.D
 Acq: 23 Jan 2025 09:41

Instrument :
 BNA_M
 ClientSampleId :
 DCZH0DL

Tgt Ion:228 Resp: 82592
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.3 36.5
 229 21.2 16.0 24.0

