

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049412.D
 Acq On : 23 Jan 2025 10:20
 Operator : RC/JU
 Sample : Q1139-02DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZH1DL

Quant Time: Jan 23 22:22:24 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

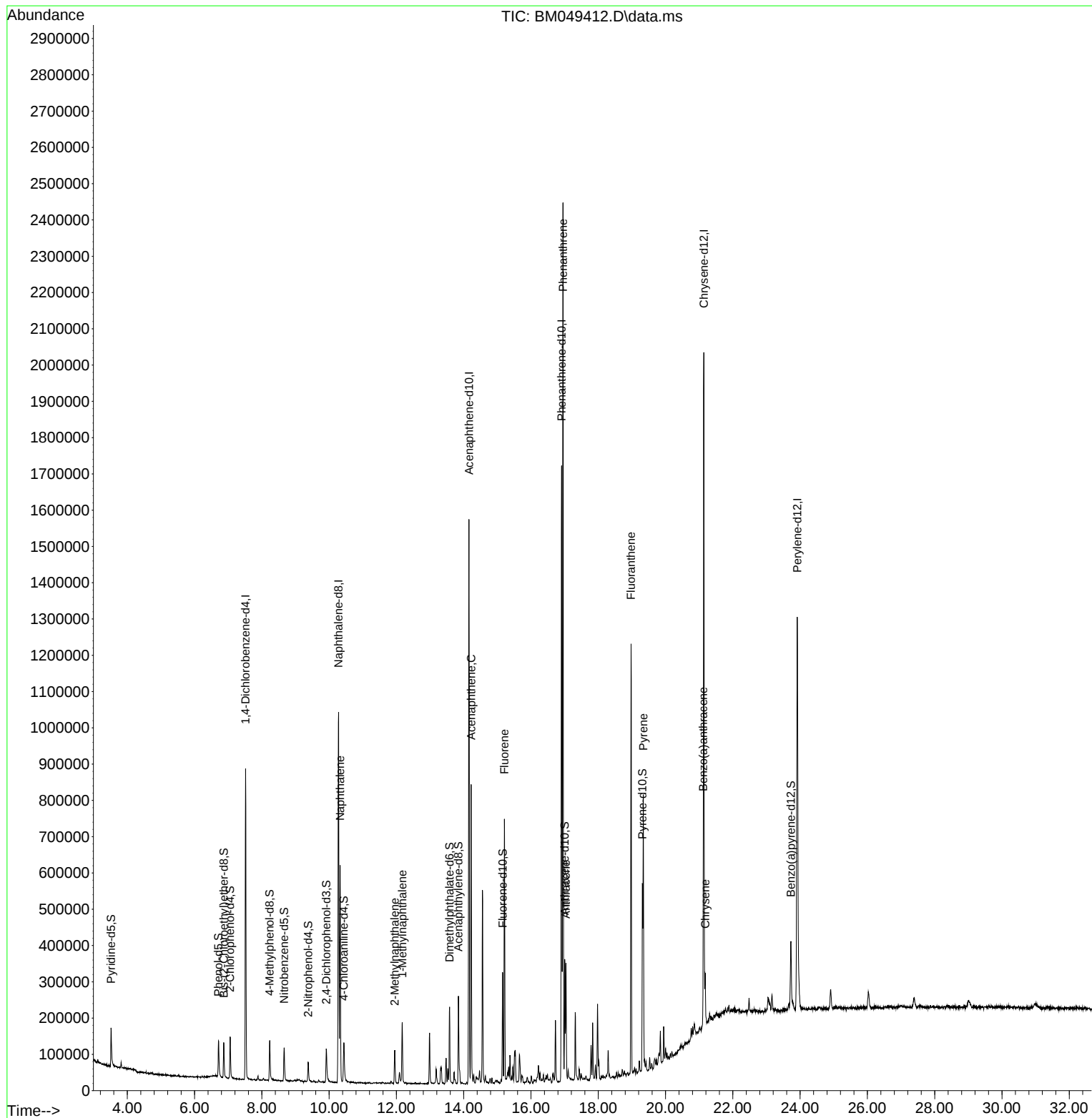
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	238227	20.000	ng/u1	0.00
20) Naphthalene-d8	10.281	136	845252	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.157	164	516915	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.910	188	1002039	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	941443	20.000	ng/u1	0.00
88) Perylene-d12	23.915	264	966006	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	4978	0.865	ng/uL	0.00
4) Pyridine-d5	3.517	84	59398	3.241	ng/u1	0.00
7) Phenol-d5	6.710	99	64809	3.241	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	46843	3.518	ng/u1	0.00
11) 2-Chlorophenol-d4	7.058	132	53693	3.510	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	45158	2.912	ng/u1	0.00
21) Nitrobenzene-d5	8.663	128	22114	3.431	ng/u1	0.00
24) 2-Nitrophenol-d4	9.375	143	19820	2.751	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	43799	2.979	ng/u1	0.00
31) 4-Chloroaniline-d4	10.434	131	50287	2.599	ng/u1	0.00
46) Dimethylphthalate-d6	13.581	166	150290	3.906	ng/u1	0.00
49) Acenaphthylene-d8	13.845	160	153063	3.485	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.157	176	117756	3.543	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.004	188	186397	3.763	ng/u1	-0.01
81) Pyrene-d10	19.310	212	199772	3.487	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.727	264	168490	3.249	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.328	128	458908	10.230	ng/u1	98
36) 2-Methylnaphthalene	11.951	142	47817	1.490	ng/u1	97
37) 1-Methylnaphthalene	12.175	142	81310	2.546	ng/u1	94
52) Acenaphthene	14.222	153	312804	9.723	ng/u1	99
61) Fluorene	15.210	166	332758	8.915	ng/u1	98
72) Phenanthrene	16.951	178	1410469	25.319	ng/u1	99
74) Anthracene	17.039	178	202945	3.629	ng/u1	99
80) Fluoranthene	18.974	202	722684	10.977	ng/u1	99
82) Pyrene	19.339	202	467682	6.673	ng/u1	98
85) Benzo(a)anthracene	21.121	228	92974	1.417	ng/u1	98
87) Chrysene	21.180	228	86236	1.440	ng/u1	99

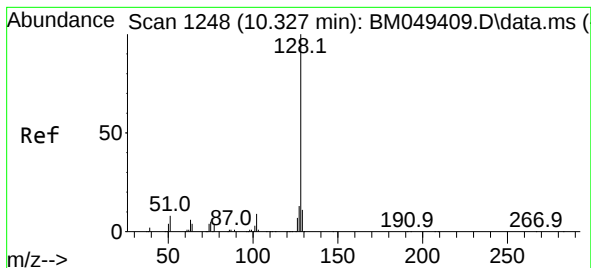
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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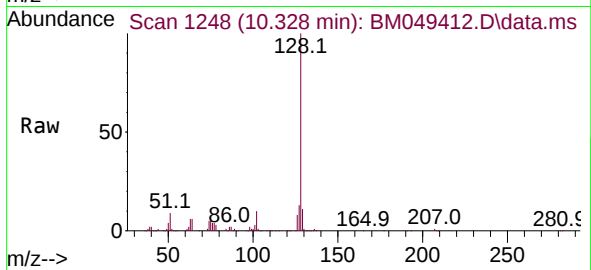
Quant Time: Jan 23 22:22:24 2025
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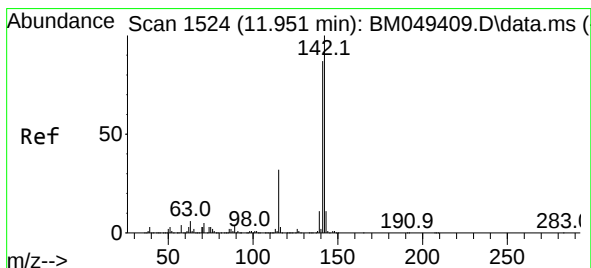
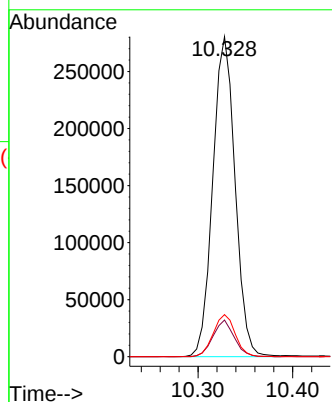
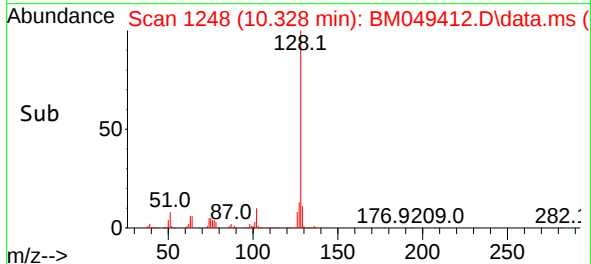


#30
Naphthalene
Concen: 10.230 ng/ul
RT: 10.328 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BM049412.D
Acq: 23 Jan 2025 10:20

Instrument :
BNA_M
ClientSampleId :
DCZH1DL

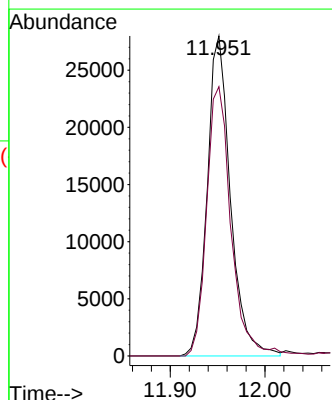
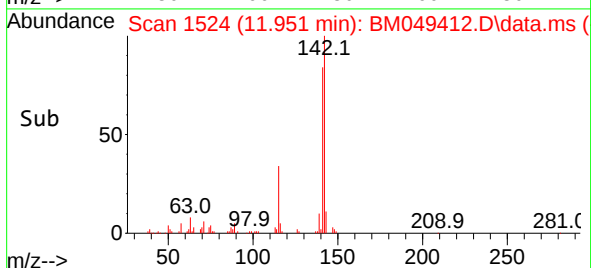
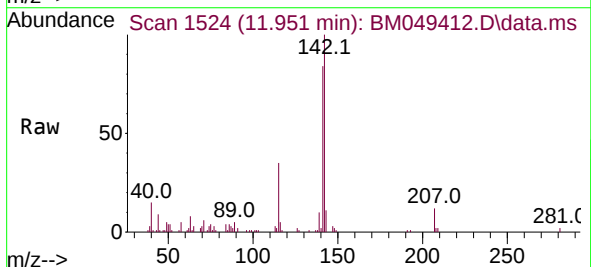


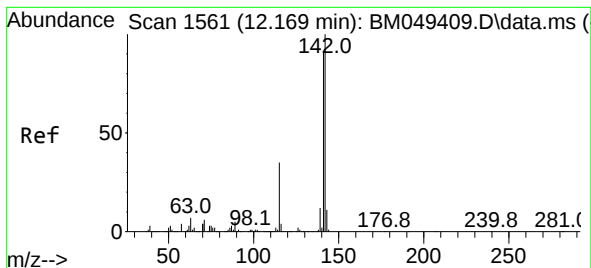
Tgt Ion:128 Resp: 458908
Ion Ratio Lower Upper
128 100
129 11.5 8.5 12.7
127 13.1 10.2 15.2



#36
2-Methylnaphthalene
Concen: 1.490 ng/ul
RT: 11.951 min Scan# 1524
Delta R.T. -0.006 min
Lab File: BM049412.D
Acq: 23 Jan 2025 10:20

Tgt Ion:142 Resp: 47817
Ion Ratio Lower Upper
142 100
141 84.1 69.6 104.4





#37

1-Methylnaphthalene

Concen: 2.546 ng/ul

RT: 12.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049412.D

Acq: 23 Jan 2025 10:20

Instrument :

BNA_M

ClientSampleId :

DCZH1DL

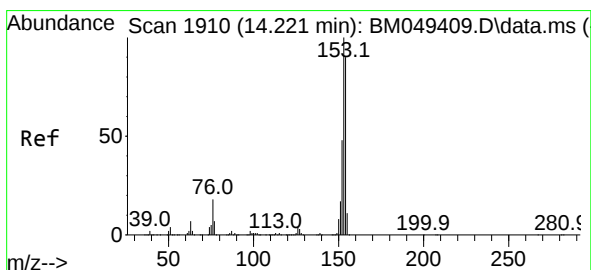
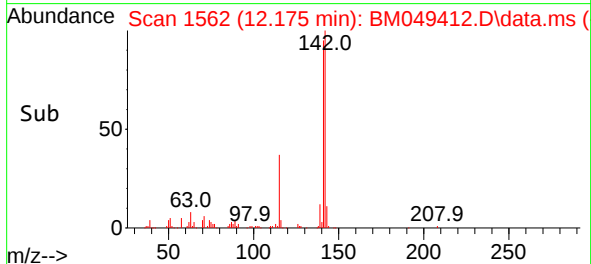
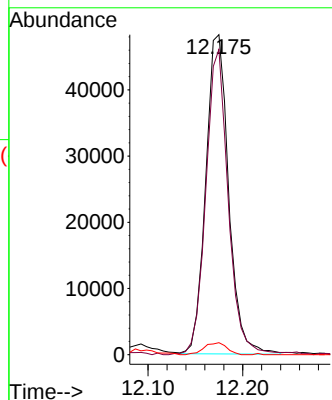
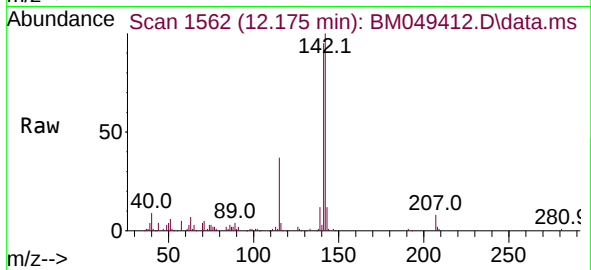
Tgt Ion:142 Resp: 81310

Ion Ratio Lower Upper

142 100

141 95.4 71.9 107.9

116 3.7 2.8 4.2



#52

Acenaphthene

Concen: 9.723 ng/ul

RT: 14.222 min Scan# 1910

Delta R.T. -0.006 min

Lab File: BM049412.D

Acq: 23 Jan 2025 10:20

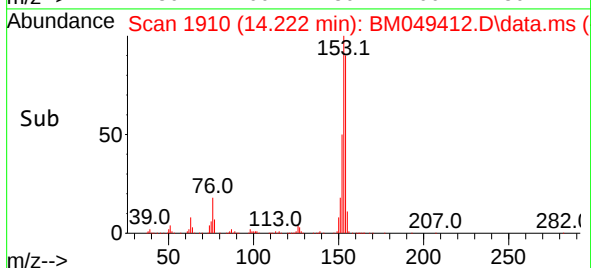
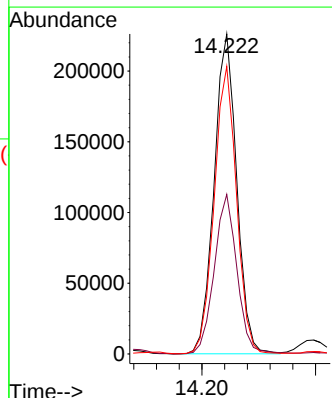
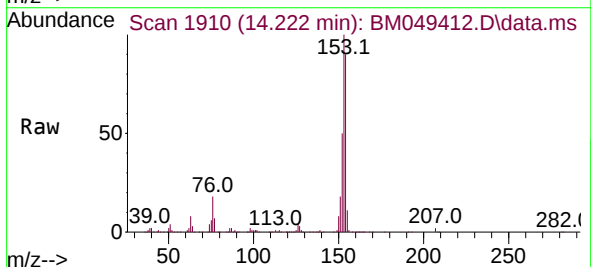
Tgt Ion:153 Resp: 312804

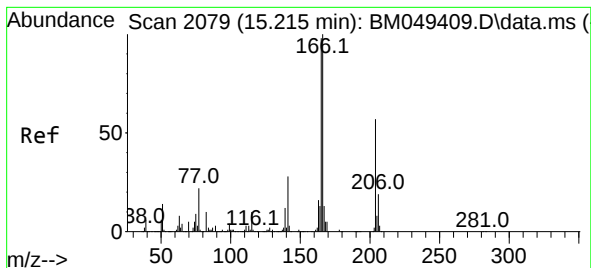
Ion Ratio Lower Upper

153 100

152 49.8 39.0 58.6

154 89.9 71.6 107.4





#61

Fluorene

Concen: 8.915 ng/ul

RT: 15.210 min Scan# 2079

Delta R.T. -0.011 min

Lab File: BM049412.D

Acq: 23 Jan 2025 10:20

Instrument :

BNA_M

ClientSampleId :

DCZH1DL

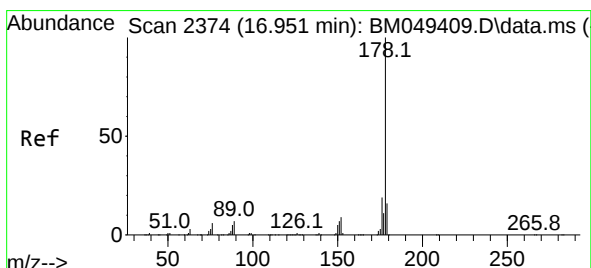
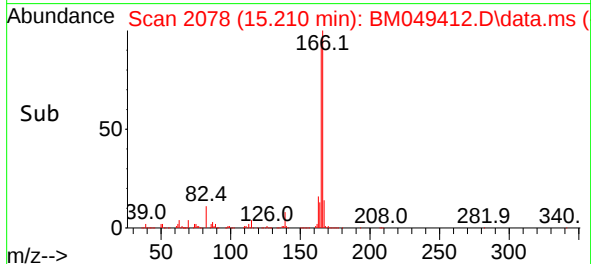
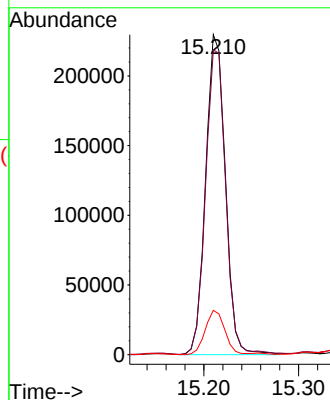
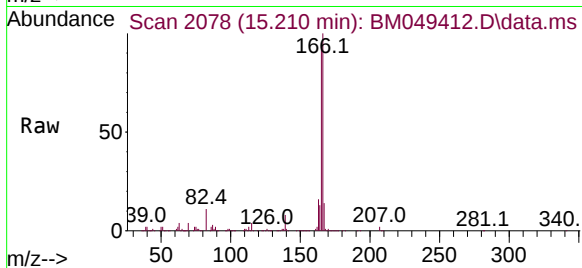
Tgt Ion:166 Resp: 332758

Ion Ratio Lower Upper

166 100

165 95.2 77.7 116.5

167 13.9 10.7 16.1



#72

Phenanthrene

Concen: 25.319 ng/ul

RT: 16.951 min Scan# 2374

Delta R.T. -0.006 min

Lab File: BM049412.D

Acq: 23 Jan 2025 10:20

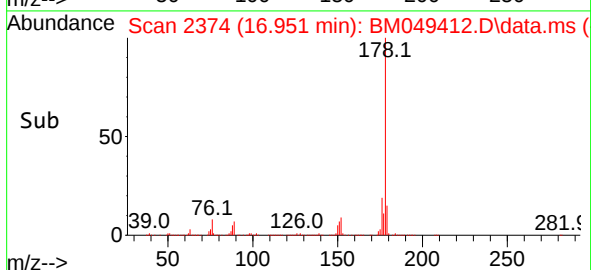
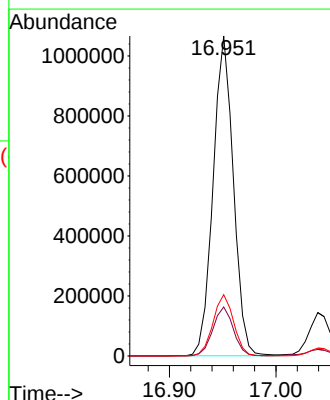
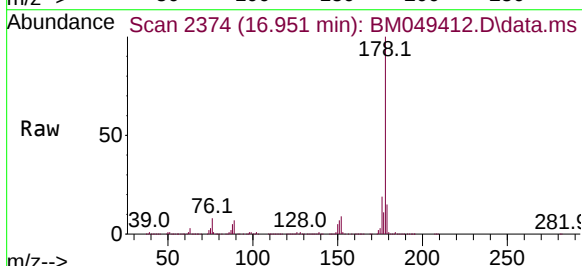
Tgt Ion:178 Resp: 1410469

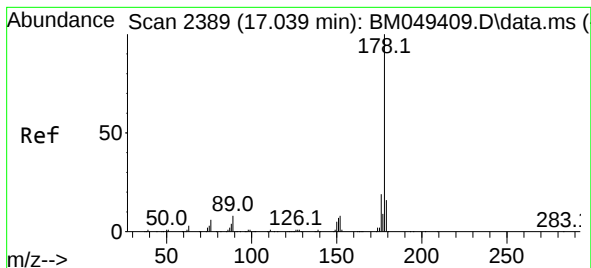
Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

176 19.2 15.4 23.2





#74

Anthracene

Concen: 3.629 ng/ul

RT: 17.039 min Scan# 21

Delta R.T. -0.011 min

Lab File: BM049412.D

Acq: 23 Jan 2025 10:20

Instrument :

BNA_M

ClientSampleId :

DCZH1DL

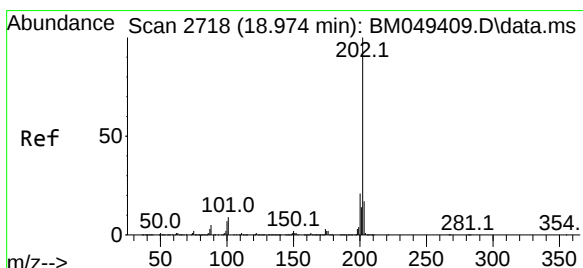
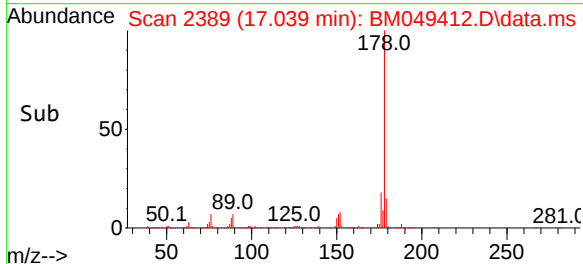
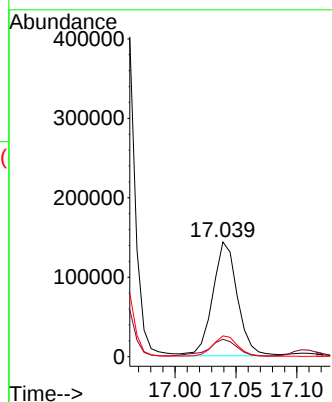
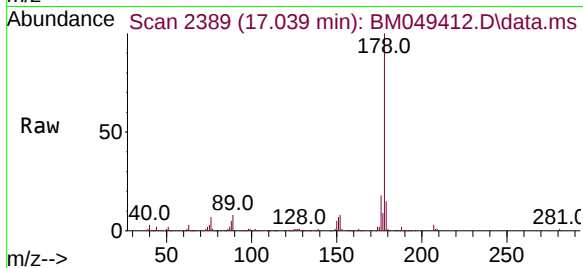
Tgt Ion:178 Resp: 202945

Ion Ratio Lower Upper

178 100

179 15.2 12.5 18.7

176 18.1 15.1 22.7



#80

Fluoranthene

Concen: 10.977 ng/ul

RT: 18.974 min Scan# 2718

Delta R.T. -0.011 min

Lab File: BM049412.D

Acq: 23 Jan 2025 10:20

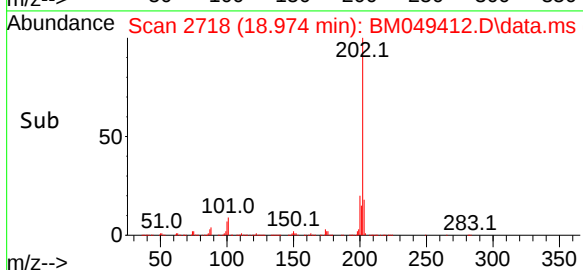
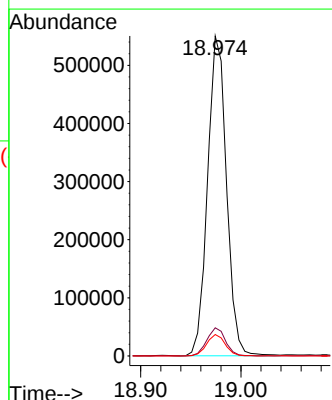
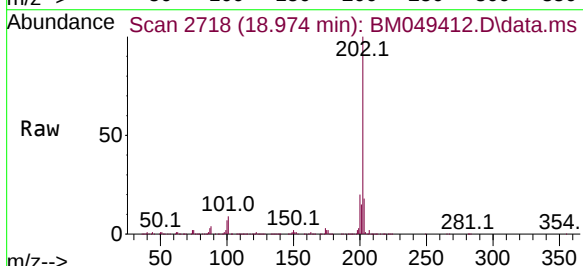
Tgt Ion:202 Resp: 722684

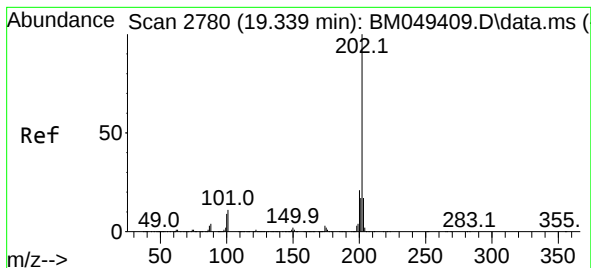
Ion Ratio Lower Upper

202 100

101 8.8 7.0 10.4

100 6.7 5.0 7.6





#82

Pyrene

Concen: 6.673 ng/ul

RT: 19.339 min Scan# 21

Delta R.T. -0.011 min

Lab File: BM049412.D

Acq: 23 Jan 2025 10:20

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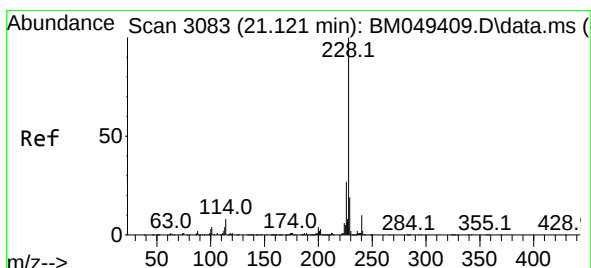
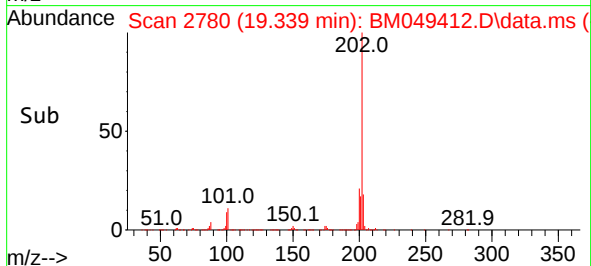
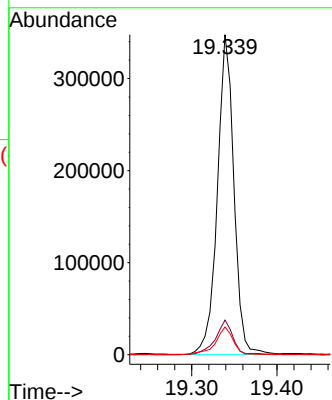
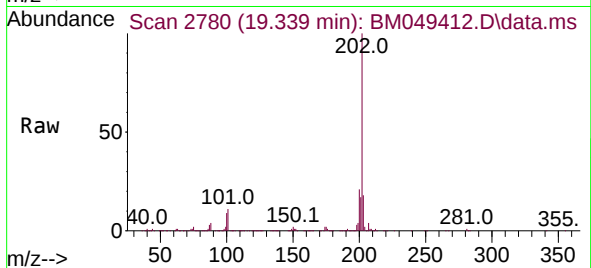
Tgt Ion:202 Resp: 467682

Ion Ratio Lower Upper

202 100

101 10.8 7.8 11.8

100 8.6 6.6 10.0



#85

Benzo(a)anthracene

Concen: 1.417 ng/ul

RT: 21.121 min Scan# 3083

Delta R.T. -0.011 min

Lab File: BM049412.D

Acq: 23 Jan 2025 10:20

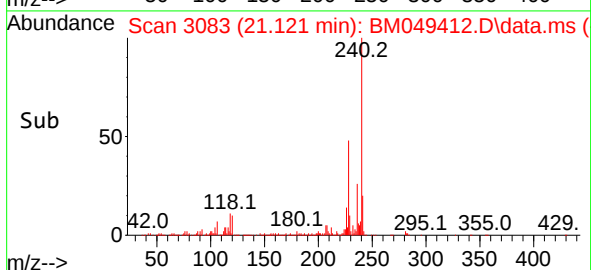
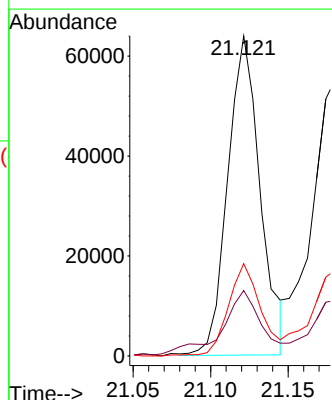
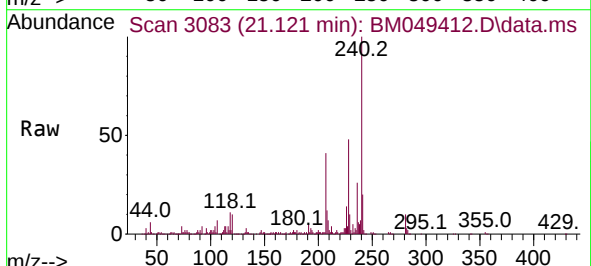
Tgt Ion:228 Resp: 92974

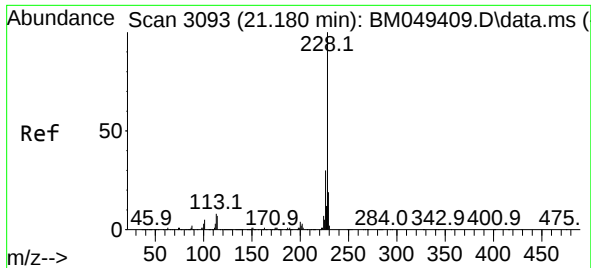
Ion Ratio Lower Upper

228 100

229 20.5 15.8 23.6

226 28.8 22.1 33.1





#87
 Chrysene
 Concen: 1.440 ng/ul
 RT: 21.180 min Scan# 3093
 Delta R.T. -0.006 min
 Lab File: BM049412.D
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Tgt Ion:	228	Resp:	86236
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.3	36.5
229	20.1	16.0	24.0

