Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049424.D
Acq On : 23 Jan 2025 18:07
Operator : RC/JU
Sample : Q1139-06DL2 30X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH3DL2

Quant Time: Jan 23 22:11:51 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

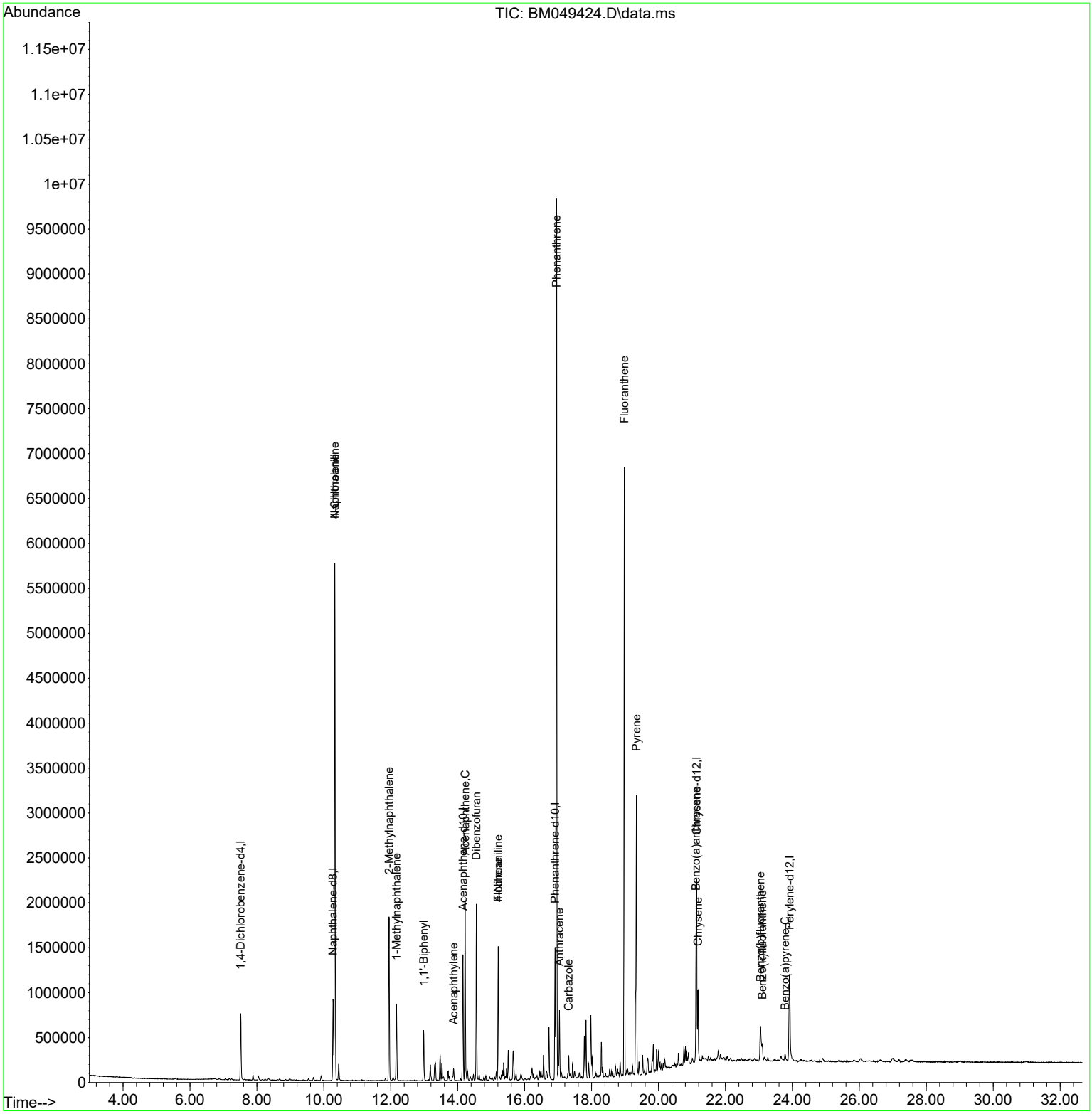
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	204457	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	734284	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.157	164	458973	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	888191	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	880668	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	868106	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	920	0.186	ng/uL	0.00
4) Pyridine-d5	3.505	84	995	0.063	ng/ul	0.00
7) Phenol-d5	6.716	99	7308	0.426	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	6591	0.577	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132	7407	0.564	ng/ul	0.00
15) 4-Methylphenol-d8	8.240	113	5037	0.378	ng/ul	0.00
21) Nitrobenzene-d5	8.675	128	3096	0.553	ng/ul	0.00
24) 2-Nitrophenol-d4	9.381	143	2335	0.373	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.934	165	5996	0.469	ng/ul	0.02
31) 4-Chloroaniline-d4	10.404	131	1046	0.062	ng/ul	-0.02
46) Dimethylphthalate-d6	13.580	166	27298	0.799	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	28027	0.719	ng/ul	0.00
54) 4-Nitrophenol-d4	14.451	143	325	0.057	ng/ul	0.06
60) Fluorene-d10	15.157	176	23357	0.791	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	349	0.062	ng/ul	0.00
73) Anthracene-d10	17.004	188	38928	0.887	ng/ul	-0.01
81) Pyrene-d10	19.309	212	36013	0.672	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.721	264	19621	0.421	ng/ul	-0.02
Target Compounds						Qvalue
30) Naphthalene	10.328	128	4481076	114.991	ng/ul	99
32) 4-Chloroaniline	10.328	127	577709	36.044	ng/ul#	3
36) 2-Methylnaphthalene	11.951	142	897969	32.202	ng/ul	99
37) 1-Methylnaphthalene	12.169	142	399815	14.410	ng/ul	99
43) 1,1'-Biphenyl	12.980	154	298188	8.874	ng/ul	98
50) Acenaphthylene	13.875	152	65156	1.630	ng/ul#	95
52) Acenaphthene	14.222	153	774251	27.105	ng/ul	100
56) Dibenzofuran	14.557	168	1247450	30.752	ng/ul	99
61) Fluorene	15.210	166	640443	19.324	ng/ul	99
63) 4-Nitroaniline	15.210	138	6422	1.154	ng/ul#	23
72) Phenanthrene	16.951	178	5921551	119.923	ng/ul	100
74) Anthracene	17.039	178	484615	9.778	ng/ul	99
77) Carbazole	17.315	167	149668	3.404	ng/ul	98
80) Fluoranthene	18.980	202	4123259	66.951	ng/ul	100
82) Pyrene	19.339	202	1968044	30.020	ng/ul	99
85) Benzo(a)anthracene	21.121	228	644187	10.496	ng/ul	99
87) Chrysene	21.180	228	525653	9.382	ng/ul	99
90) Benzo(b)fluoranthene	23.045	252	415642	7.153	ng/ul	98
91) Benzo(k)fluoranthene	23.097	252	129890	2.242	ng/ul	97
93) Benzo(a)pyrene	23.780	252	76807	1.463	ng/ul	98

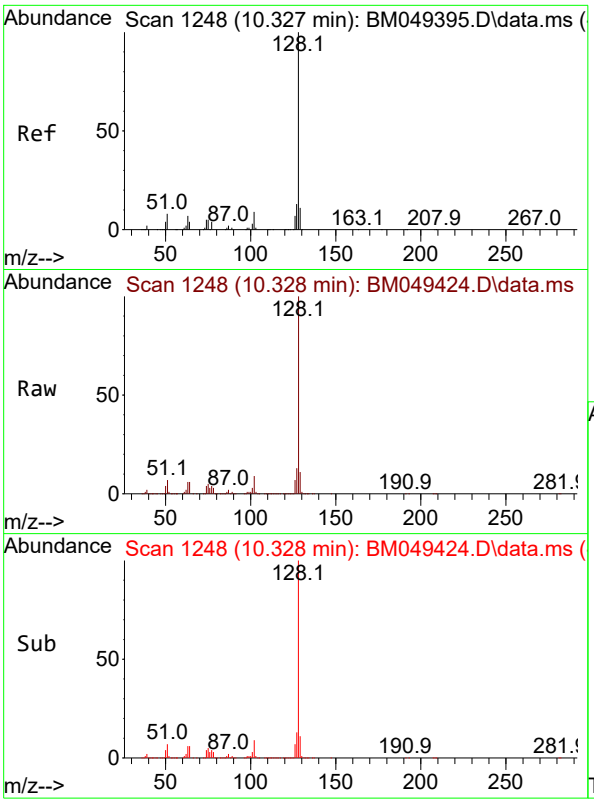
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049424.D
Acq On : 23 Jan 2025 18:07
Operator : RC/JU
Sample : Q1139-06DL2 30X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH3DL2

Quant Time: Jan 23 22:11:51 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



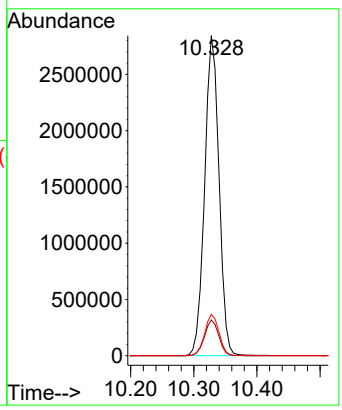


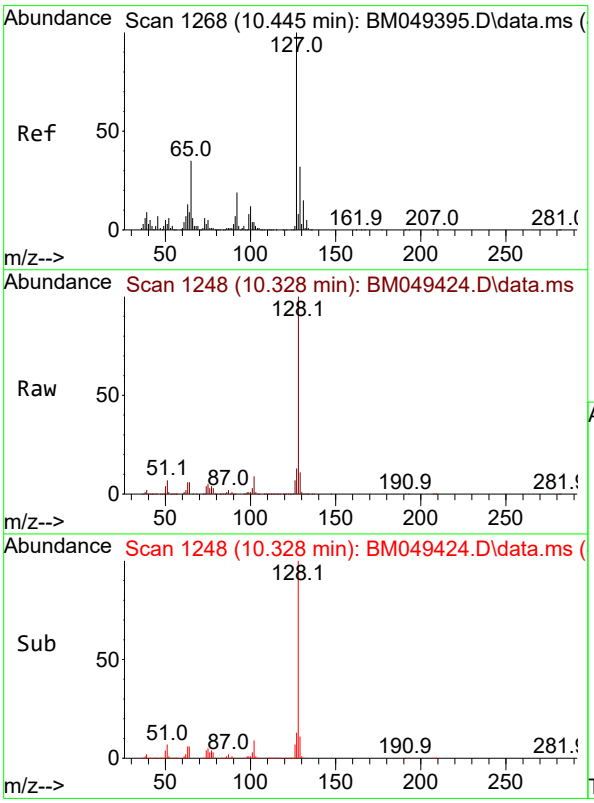
#30
Naphthalene
Concen: 114.991 ng/ul
RT: 10.328 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

Instrument :
BNA_M
ClientSampleId :
DCZH3DL2

Tgt Ion:128 Resp: 4481076

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.5	12.7
127	12.9	10.2	15.2

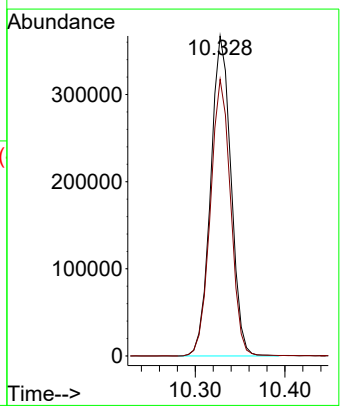


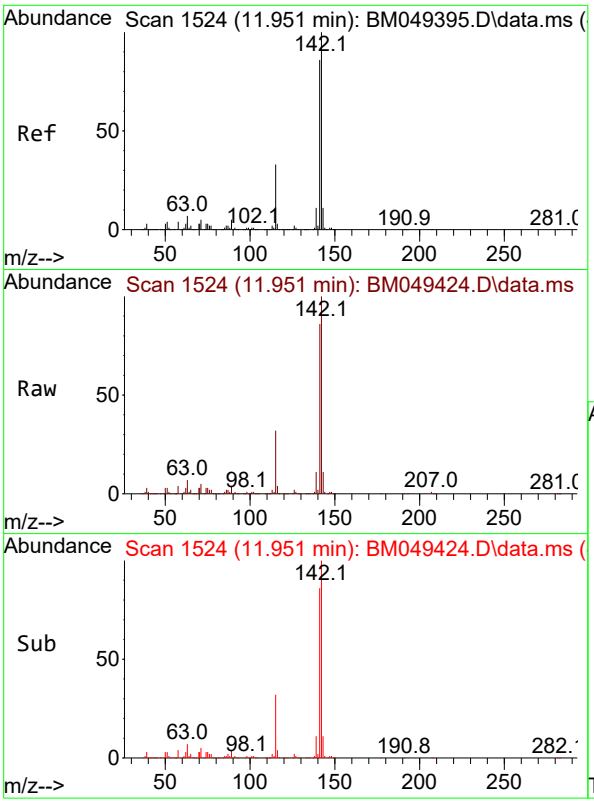


#32
4-Chloroaniline
Concen: 36.044 ng/ul
RT: 10.328 min Scan# 1248
Delta R.T. -0.123 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

Tgt Ion:127 Resp: 577709

Ion	Ratio	Lower	Upper
127	100		
129	86.5	25.7	38.5#



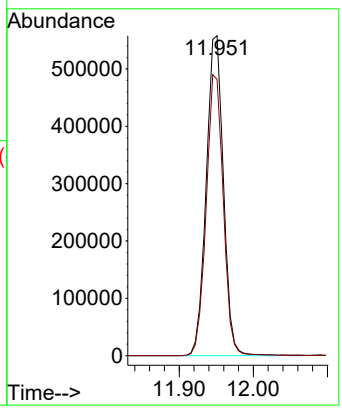


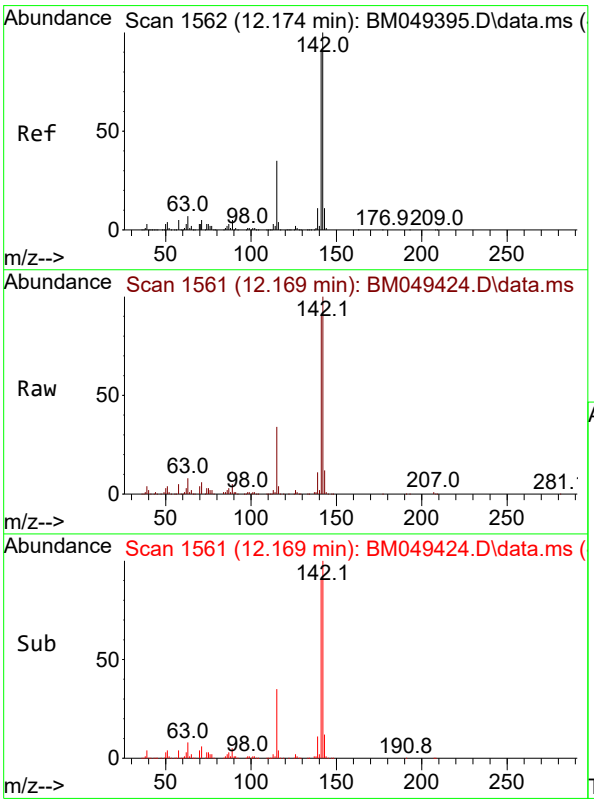
#36
2-Methylnaphthalene
Concen: 32.202 ng/ul
RT: 11.951 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

Instrument :
BNA_M
ClientSampleId :
DCZH3DL2

Tgt Ion:142 Resp: 897969

Ion	Ratio	Lower	Upper
142	100		
141	86.4	69.6	104.4

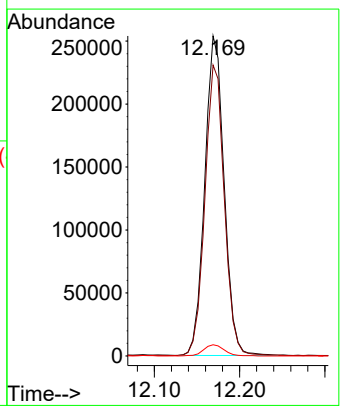


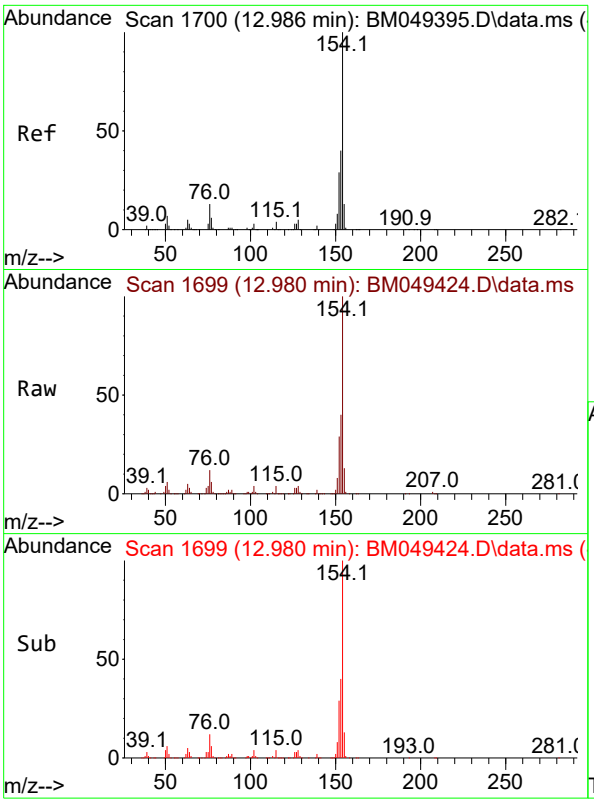


#37
1-Methylnaphthalene
Concen: 14.410 ng/ul
RT: 12.169 min Scan# 1561
Delta R.T. -0.012 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

Tgt Ion:142 Resp: 399815

Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.9	107.9
116	3.5	2.8	4.2



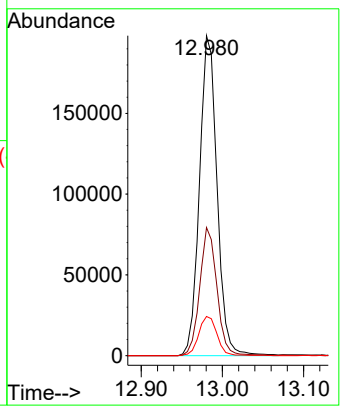


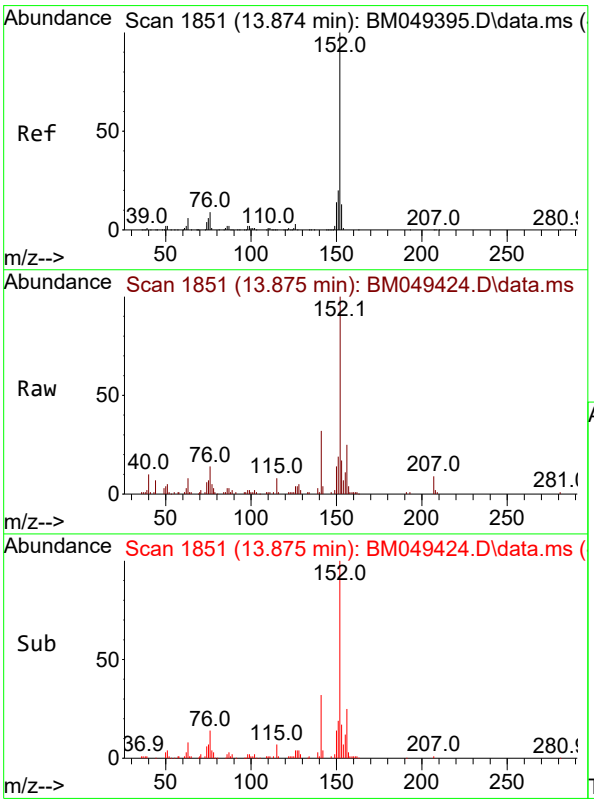
#43
1,1'-Biphenyl
Concen: 8.874 ng/ul
RT: 12.980 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

Instrument :
BNA_M
ClientSampleId :
DCZH3DL2

Tgt Ion:154 Resp: 298188

Ion	Ratio	Lower	Upper
154	100		
153	40.1	31.0	46.4
76	12.3	9.1	13.7

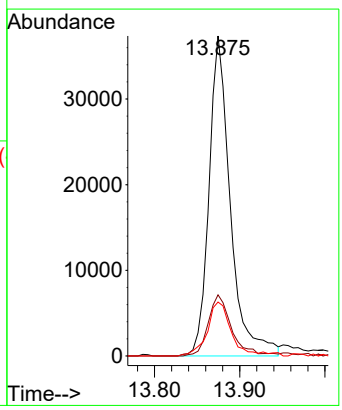


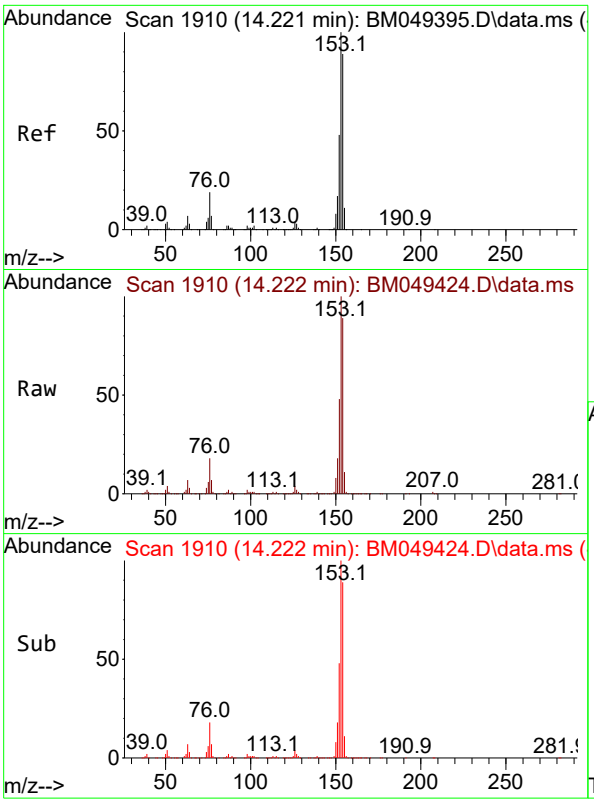


#50
Acenaphthylene
Concen: 1.630 ng/ul
RT: 13.875 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

Tgt Ion:152 Resp: 65156

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.8	23.8
153	16.9	10.6	15.8#



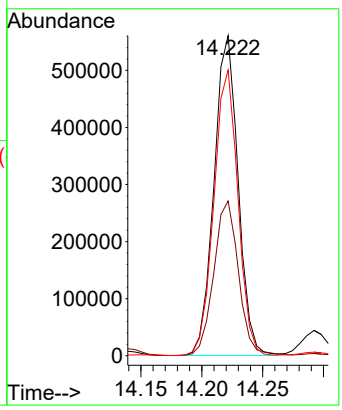


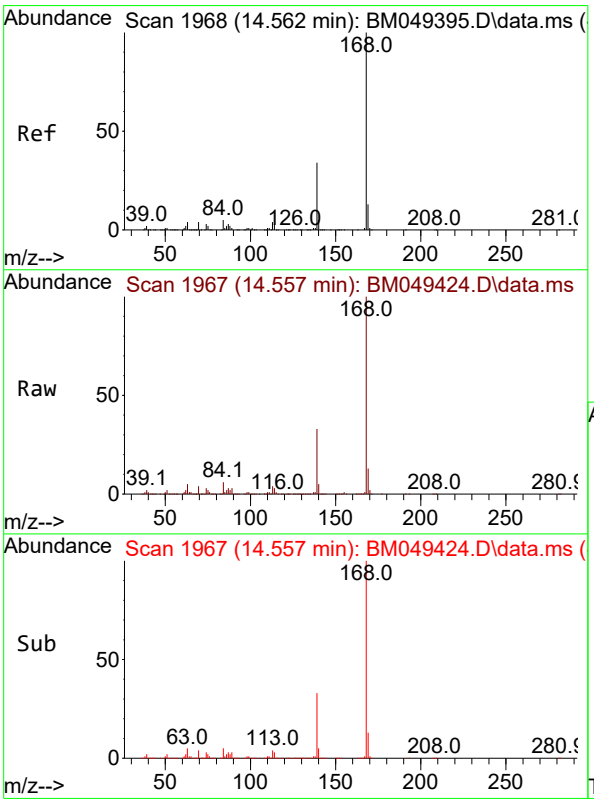
#52
Acenaphthene
Concen: 27.105 ng/ul
RT: 14.222 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

Instrument :
BNA_M
ClientSampleId :
DCZH3DL2

Tgt Ion:153 Resp: 774251

Ion	Ratio	Lower	Upper
153	100		
152	48.4	39.0	58.6
154	89.3	71.6	107.4

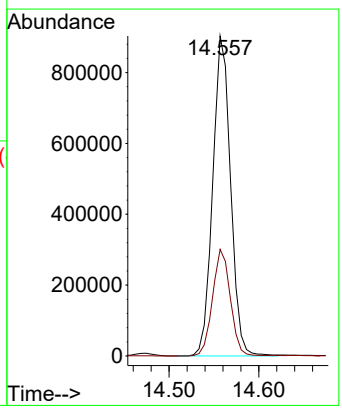


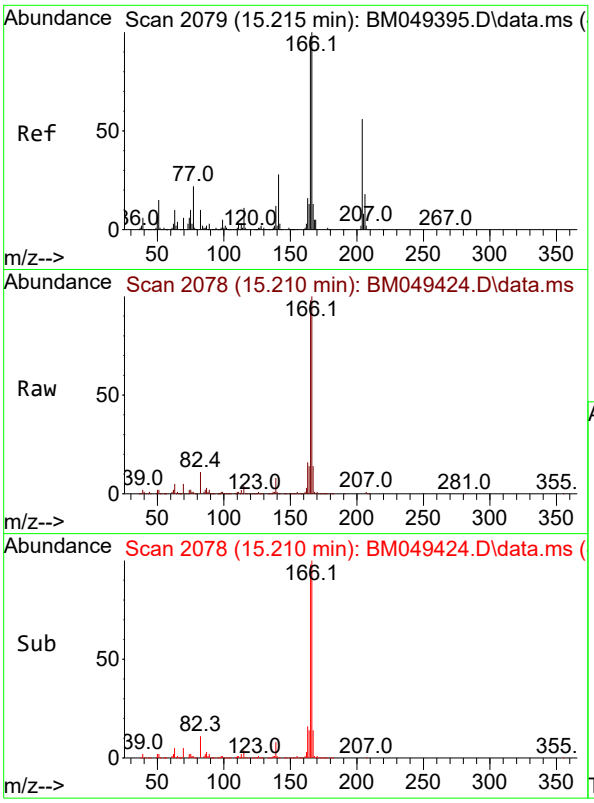


#56
Dibenzofuran
Concen: 30.752 ng/ul
RT: 14.557 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

Tgt Ion:168 Resp: 1247450

Ion	Ratio	Lower	Upper
168	100		
139	33.3	27.0	40.4



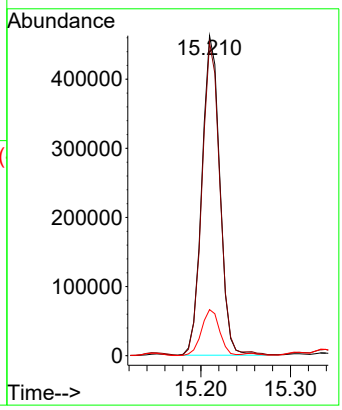


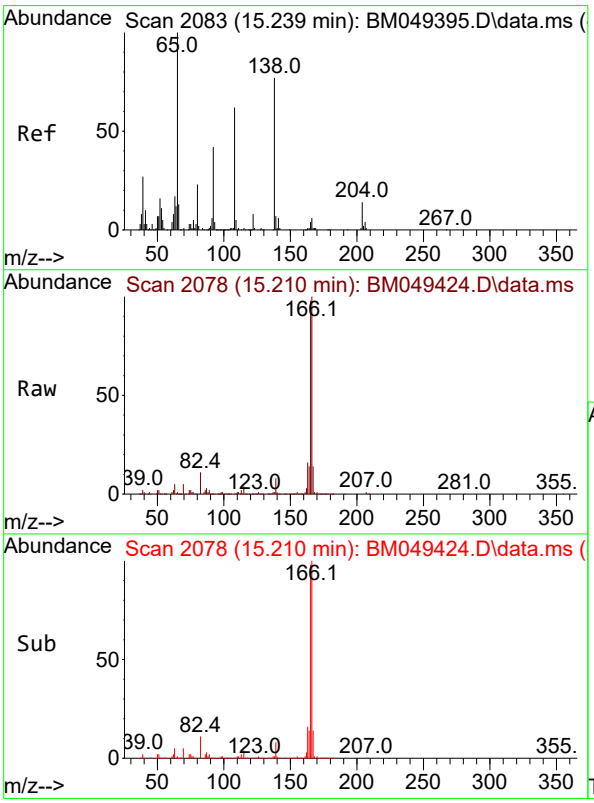
#61
Fluorene
Concen: 19.324 ng/ul
RT: 15.210 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

Instrument :
BNA_M
ClientSampleId :
DCZH3DL2

Tgt Ion:166 Resp: 640443

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.7	116.5
167	14.4	10.7	16.1

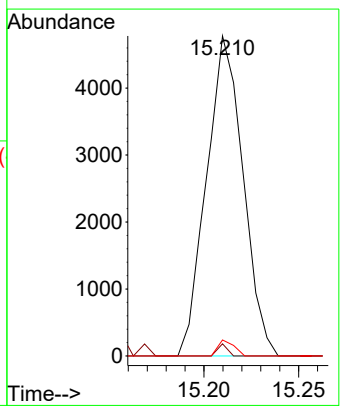


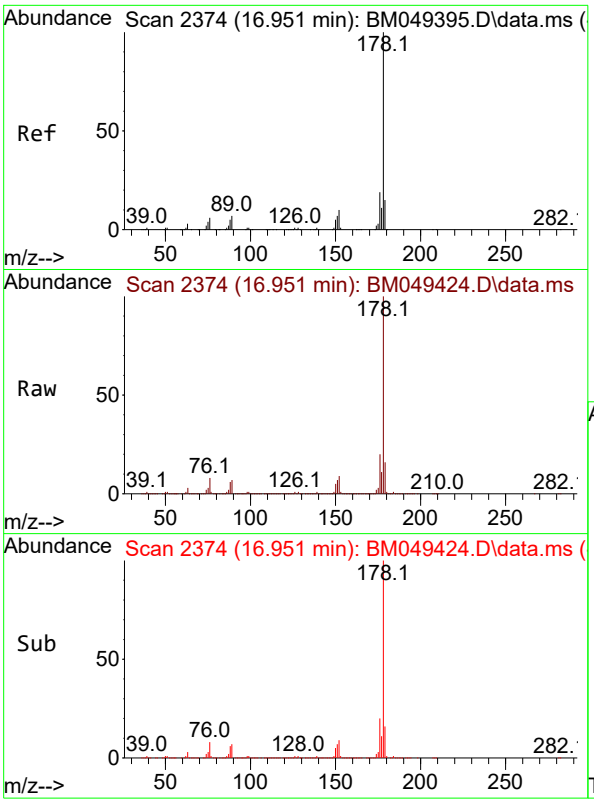


#63
4-Nitroaniline
Concen: 1.154 ng/ul
RT: 15.210 min Scan# 2078
Delta R.T. -0.041 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

Tgt Ion:138 Resp: 6422

Ion	Ratio	Lower	Upper
138	100		
92	3.8	42.0	63.0#
108	5.0	60.3	90.5#



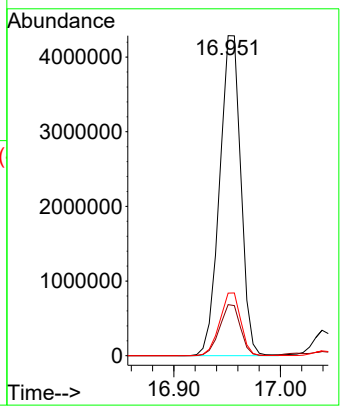


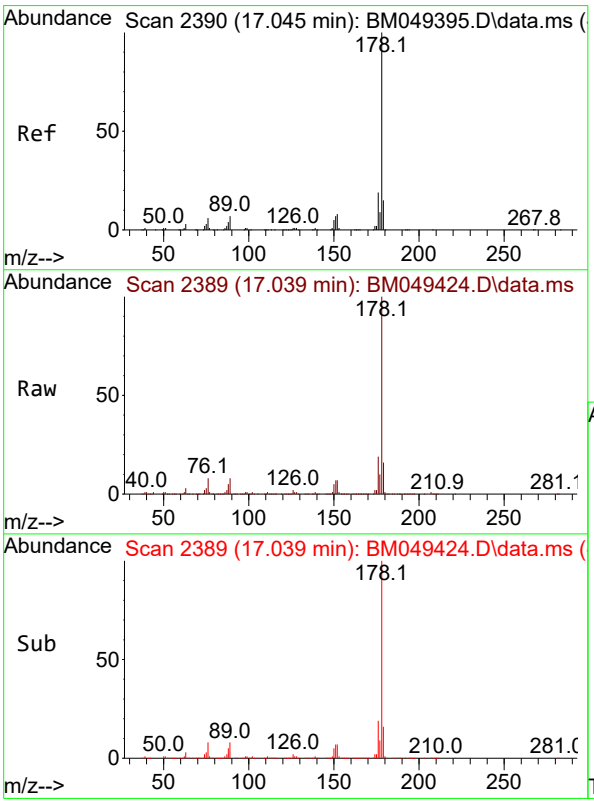
#72
Phenanthrene
Concen: 119.923 ng/ul
RT: 16.951 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

Instrument :
BNA_M
ClientSampleId :
DCZH3DL2

Tgt Ion:178 Resp: 5921551

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	19.6	15.4	23.2

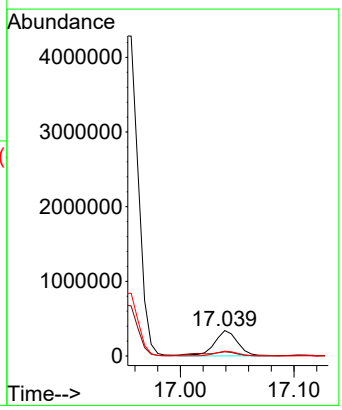


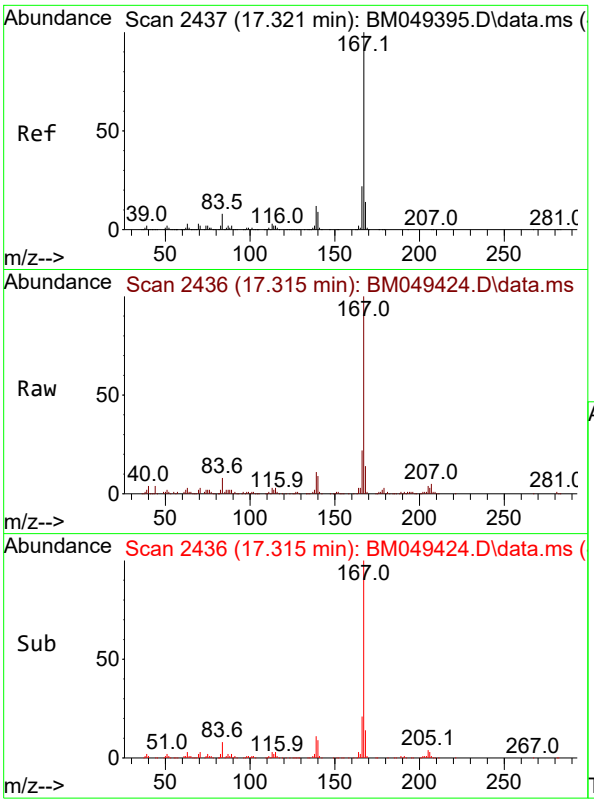


#74
Anthracene
Concen: 9.778 ng/ul
RT: 17.039 min Scan# 2389
Delta R.T. -0.012 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

Tgt Ion:178 Resp: 484615

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.5	18.7
176	19.1	15.1	22.7



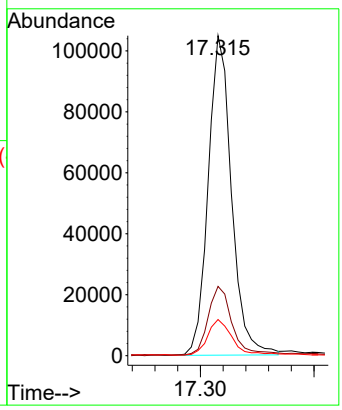


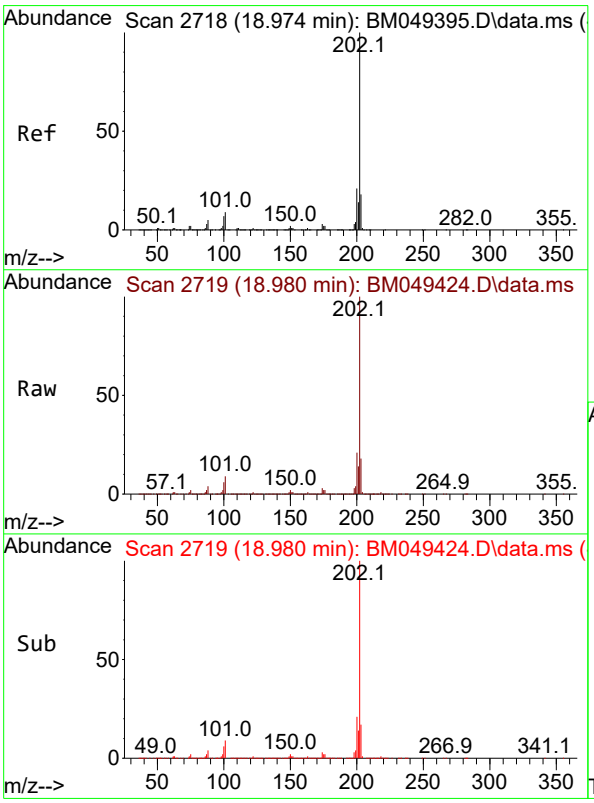
#77
Carbazole
Concen: 3.404 ng/ul
RT: 17.315 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

Instrument :
BNA_M
ClientSampleId :
DCZH3DL2

Tgt Ion:167 Resp: 149668

Ion	Ratio	Lower	Upper
167	100		
166	21.6	16.7	25.1
139	11.3	9.5	14.3

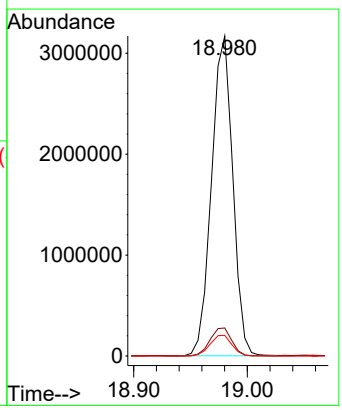


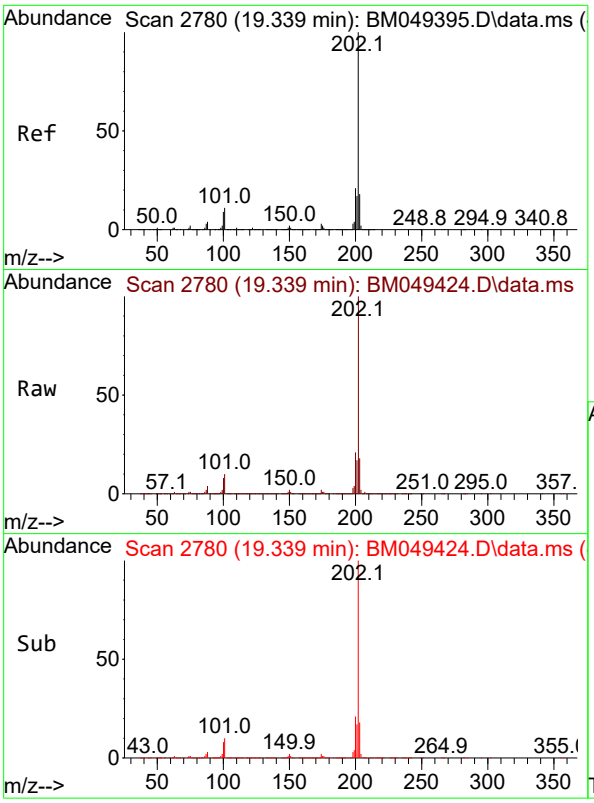


#80
Fluoranthene
Concen: 66.951 ng/ul
RT: 18.980 min Scan# 2719
Delta R.T. -0.006 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

Tgt Ion:202 Resp: 4123259

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.0	10.4
100	6.5	5.0	7.6



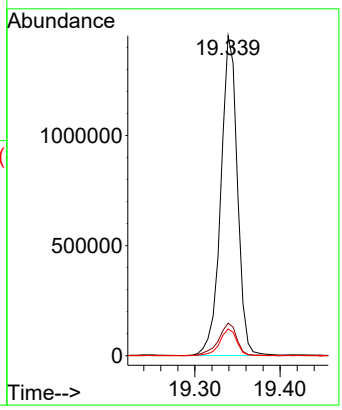


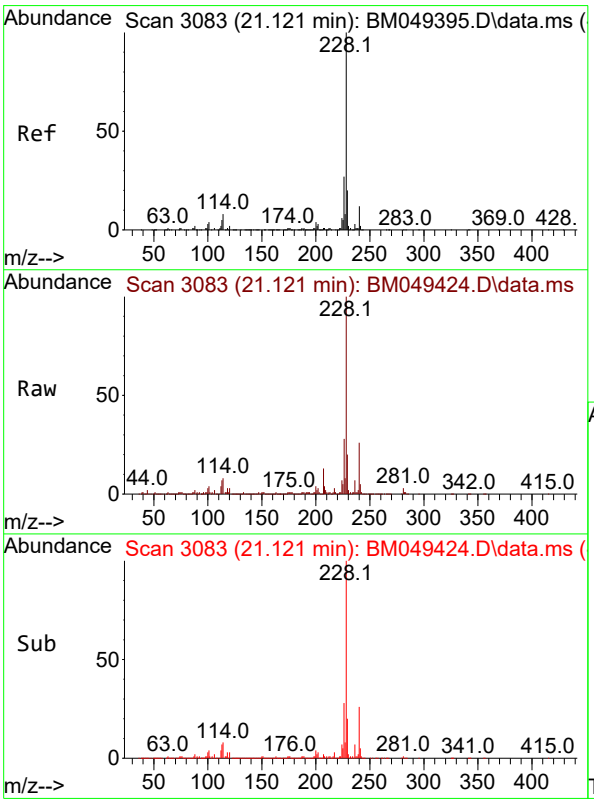
#82
Pyrene
Concen: 30.020 ng/ul
RT: 19.339 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

Instrument :
BNA_M
ClientSampleId :
DCZH3DL2

Tgt Ion:202 Resp: 1968044

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.8	11.8
100	8.3	6.6	10.0

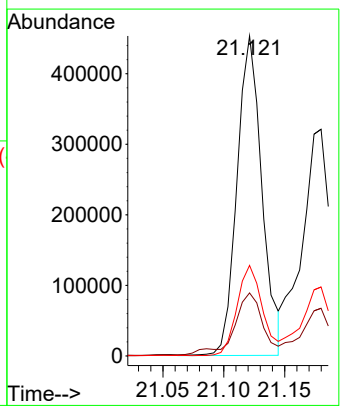


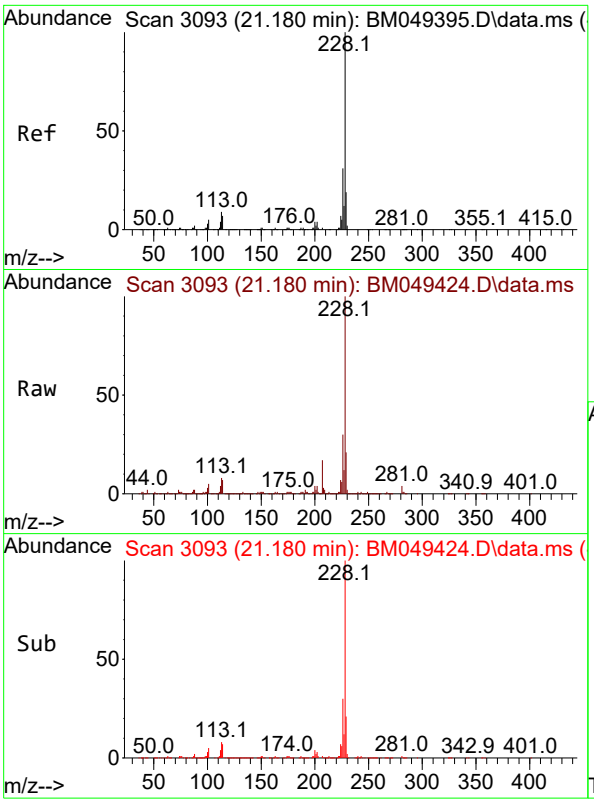


#85
Benzo(a)anthracene
Concen: 10.496 ng/ul
RT: 21.121 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

Tgt Ion:228 Resp: 644187

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.8	23.6
226	28.3	22.1	33.1



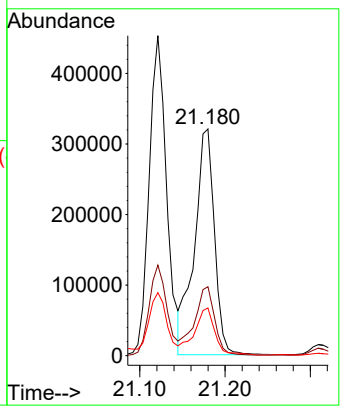


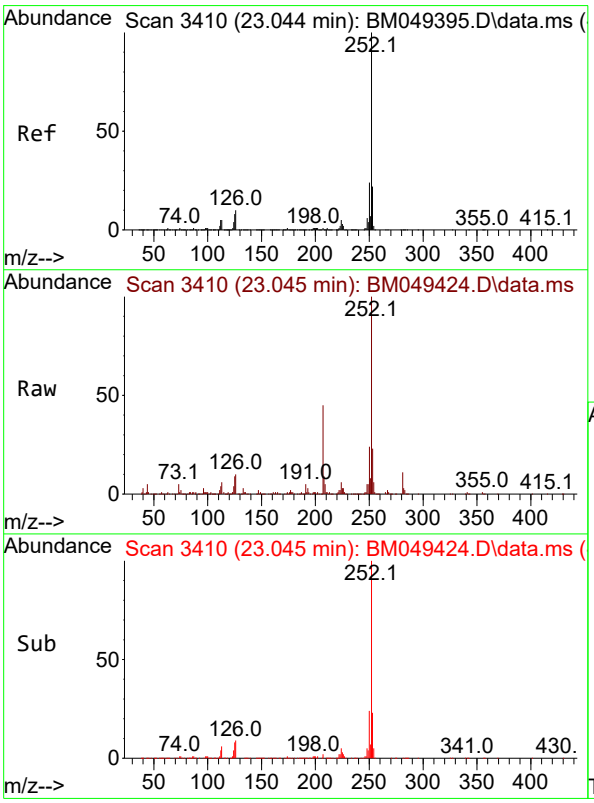
#87
Chrysene
Concen: 9.382 ng/ul
RT: 21.180 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

Instrument :
BNA_M
ClientSampleId :
DCZH3DL2

Tgt Ion:228 Resp: 525653

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	21.1	16.0	24.0

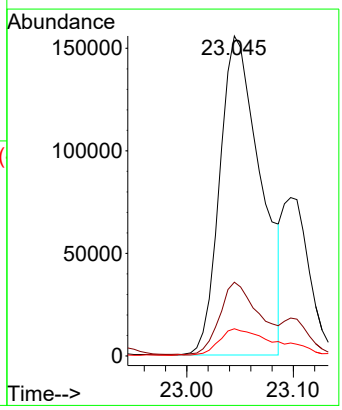


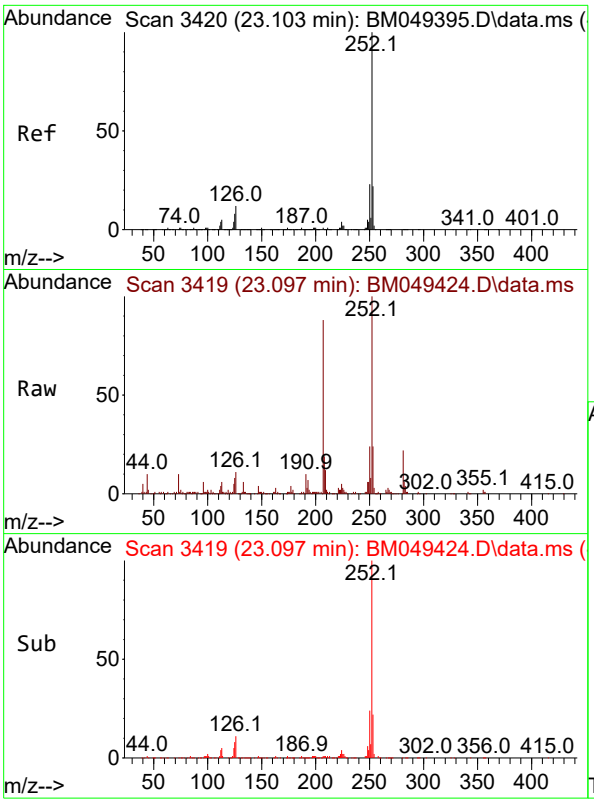


#90
Benzo(b)fluoranthene
Concen: 7.153 ng/ul
RT: 23.045 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

Tgt Ion:252 Resp: 415642

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	8.5	6.6	9.8



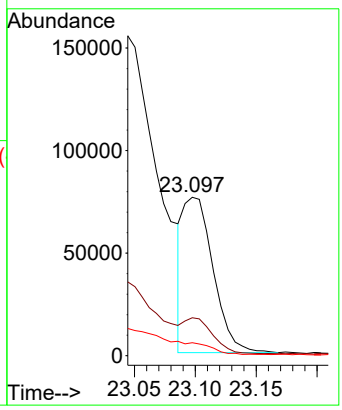


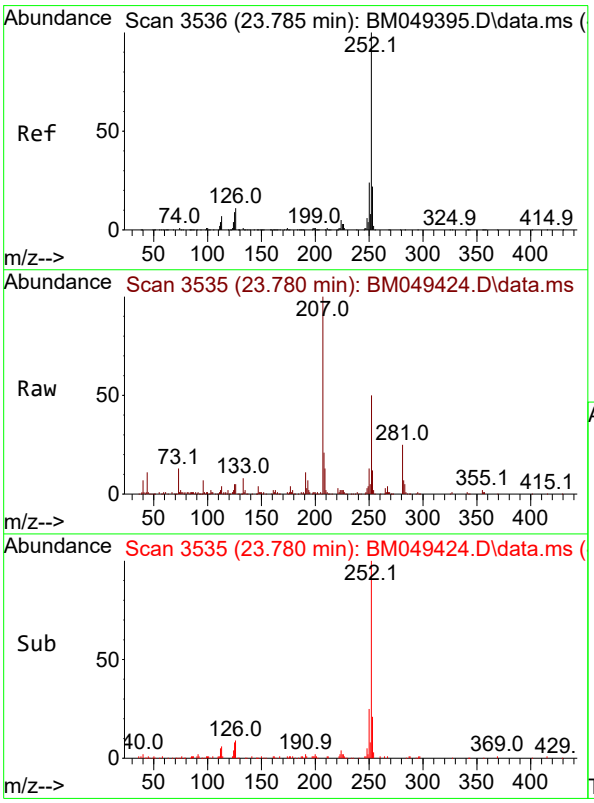
#91
Benzo(k)fluoranthene
Concen: 2.242 ng/ul
RT: 23.097 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

Instrument :
BNA_M
ClientSampleId :
DCZH3DL2

Tgt Ion:252 Resp: 129890

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	8.1	6.5	9.7





#93
Benzo(a)pyrene
Concen: 1.463 ng/ul
RT: 23.780 min Scan# 3535
Delta R.T. -0.018 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

Tgt Ion:252 Resp: 76807

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	9.5	6.9	10.3