Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049421.D
Acq On : 23 Jan 2025 16:10
Operator : RC/JU
Sample : Q1139-09DL 10X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH6DL

Quant Time: Jan 23 22:11:03 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	250650	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	882744	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.157	164	547273	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	1082712	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1064094	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	1050948	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	1804	0.298	ng/uL	0.00
4) Pyridine-d5	3.499	84	818	0.042	ng/ul	-0.01
7) Phenol-d5	6.710	99	23861	1.134	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	20392	1.455	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	21583	1.341	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	17261	1.058	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	8637	1.283	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	8182	1.087	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	17824	1.161	ng/ul	0.00
31) 4-Chloroaniline-d4	10.245	131	683	0.034	ng/ul	-0.18
46) Dimethylphthalate-d6	13.574	166	67909	1.667	ng/ul	-0.01
49) Acenaphthylene-d8	13.845	160	66775	1.436	ng/ul	0.00
54) 4-Nitrophenol-d4	14.374	143	517	0.077	ng/ul	-0.02
60) Fluorene-d10	15.157	176	55554	1.579	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	2667	0.387	ng/ul	0.00
73) Anthracene-d10	17.010	188	87078	1.627	ng/ul	0.00
81) Pyrene-d10	19.309	212	79181	1.223	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.721	264	41892	0.743	ng/ul	-0.02
Target Compounds						Qvalue
30) Naphthalene	10.328	128	413253	8.821	ng/ul	99
36) 2-Methylnaphthalene	11.945	142	310288	9.256	ng/ul	100
37) 1-Methylnaphthalene	12.169	142	223575	6.703	ng/ul	100
43) 1,1'-Biphenyl	12.980	154	252008	6.289	ng/ul	98
50) Acenaphthylene	13.874	152	74465	1.562	ng/ul#	94
52) Acenaphthene	14.221	153	1305800	38.338	ng/ul	99
56) Dibenzofuran	14.557	168	1635988	33.824	ng/ul	100
61) Fluorene	15.216	166	2490147	63.012	ng/ul	99
63) 4-Nitroaniline	15.210	138	24596	3.706	ng/ul#	20
71) Pentachlorophenol	16.568	266	69303	7.306	ng/ul	98
72) Phenanthrene	16.957	178	9098469	151.157	ng/ul	99
74) Anthracene	17.051	178	10060446	166.517	ng/ul	99
77) Carbazole	17.321	167	2944852	54.937	ng/ul	99
80) Fluoranthene	18.980	202	5170992	69.490	ng/ul	99
82) Pyrene	19.339	202	2795070	35.286	ng/ul	98
85) Benzo(a)anthracene	21.121	228	914722	12.335	ng/ul	99
87) Chrysene	21.174	228	871268	12.870	ng/ul	98
90) Benzo(b)fluoranthene	23.044	252	696404	9.900	ng/ul	100
91) Benzo(k)fluoranthene	23.097	252	209726	2.990	ng/ul	98
93) Benzo(a)pyrene	23.786	252	116679	1.836	ng/ul	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049421.D
Acq On : 23 Jan 2025 16:10
Operator : RC/JU
Sample : Q1139-09DL 10X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
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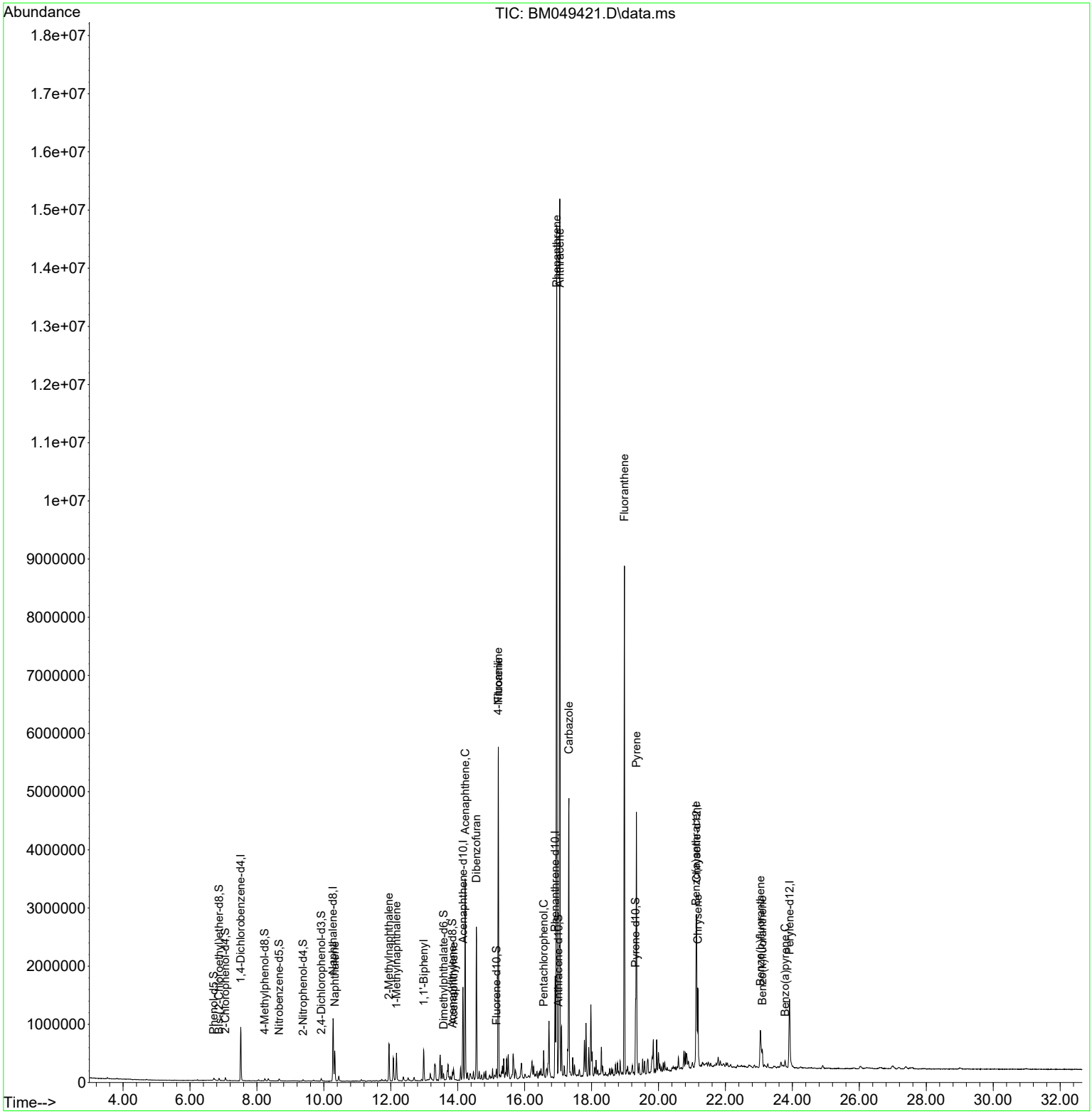
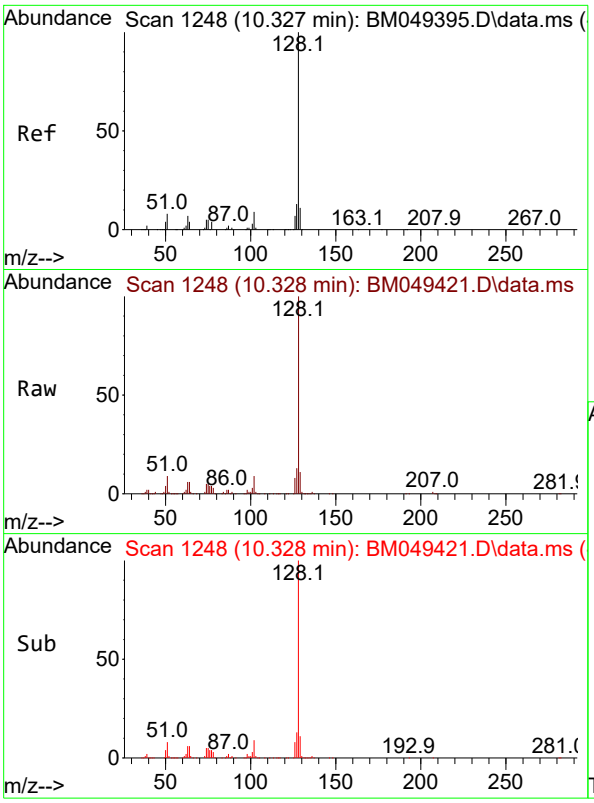
DCZH6DL

Quant Time: Jan 23 22:11:03 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



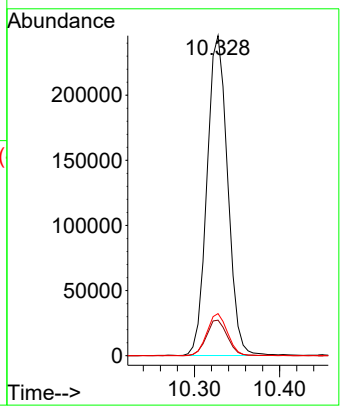


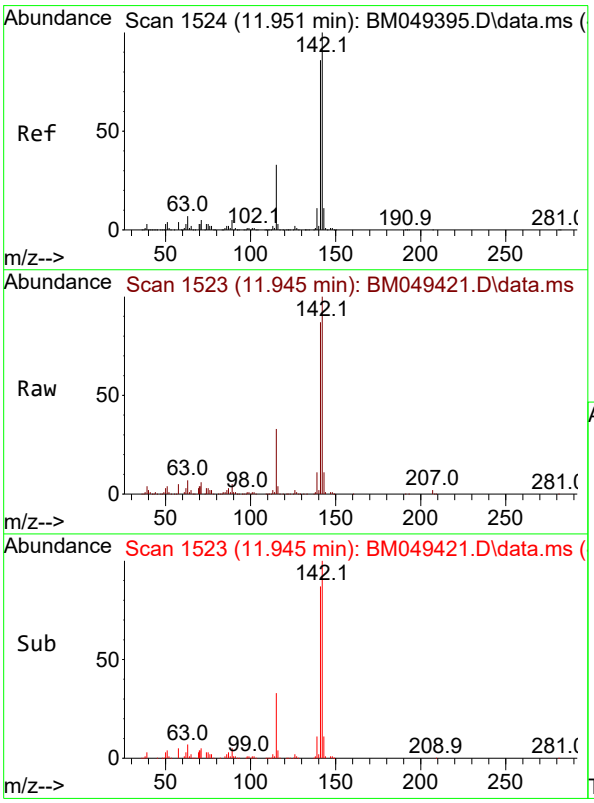
#30
Naphthalene
Concen: 8.821 ng/ul
RT: 10.328 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049421.D
Acq: 23 Jan 2025 16:10

Instrument :
BNA_M
ClientSampleId :
DCZH6DL

Tgt Ion:128 Resp: 413253

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.5	12.7
127	13.2	10.2	15.2

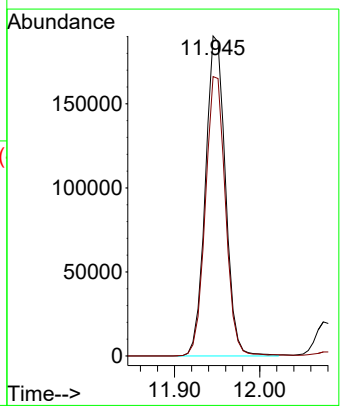


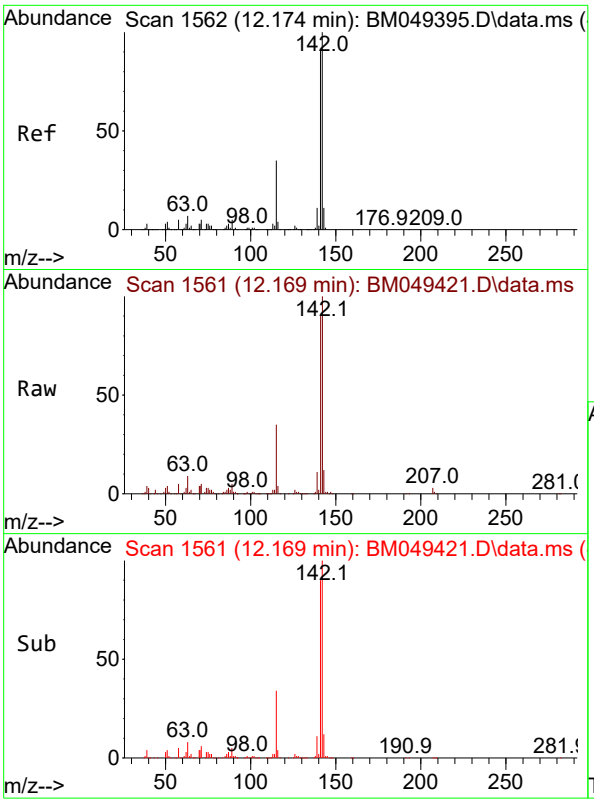


#36
2-Methylnaphthalene
Concen: 9.256 ng/ul
RT: 11.945 min Scan# 1523
Delta R.T. -0.012 min
Lab File: BM049421.D
Acq: 23 Jan 2025 16:10

Tgt Ion:142 Resp: 310288

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.6	104.4



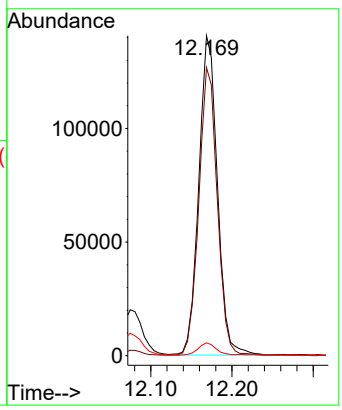


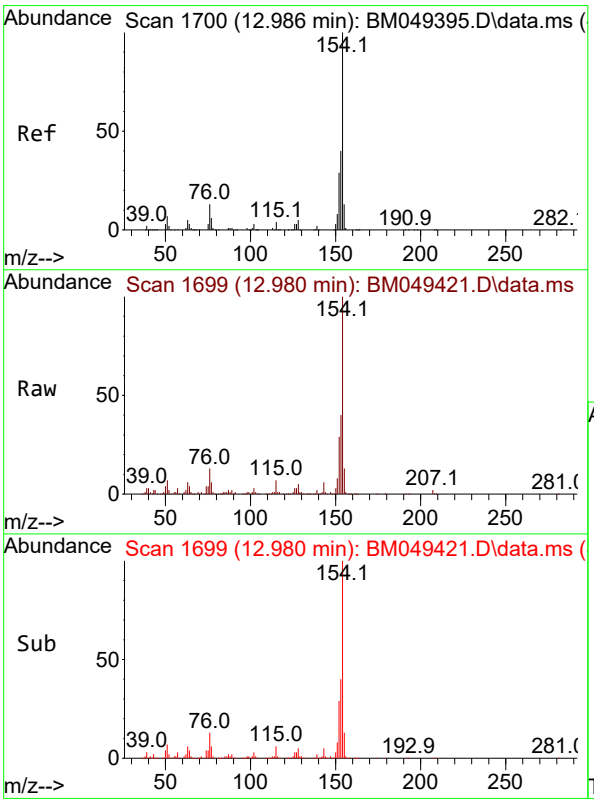
#37
1-Methylnaphthalene
Concen: 6.703 ng/ul
RT: 12.169 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049421.D
Acq: 23 Jan 2025 16:10

Instrument :
BNA_M
ClientSampleId :
DCZH6DL

Tgt Ion:142 Resp: 223575

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.9	107.9
116	4.0	2.8	4.2

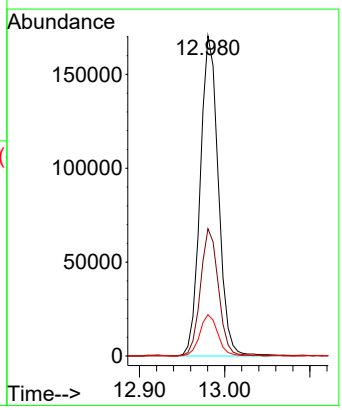


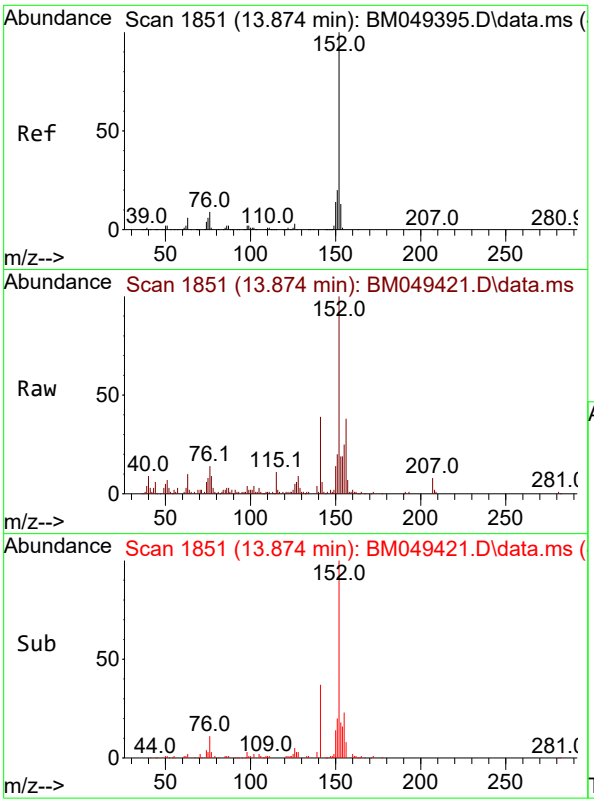


#43
1,1'-Biphenyl
Concen: 6.289 ng/ul
RT: 12.980 min Scan# 1699
Delta R.T. -0.012 min
Lab File: BM049421.D
Acq: 23 Jan 2025 16:10

Tgt Ion:154 Resp: 252008

Ion	Ratio	Lower	Upper
154	100		
153	39.7	31.0	46.4
76	12.9	9.1	13.7



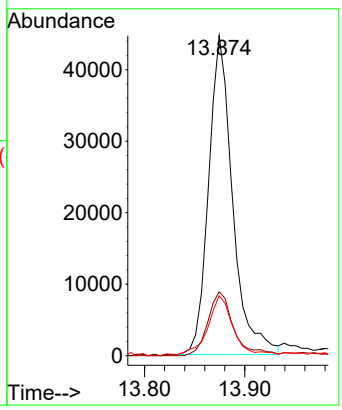


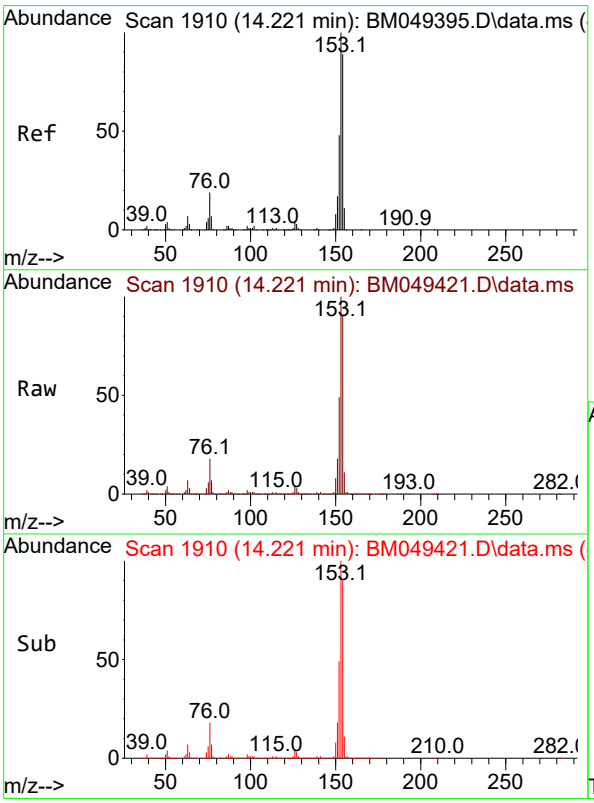
#50
Acenaphthylene
Concen: 1.562 ng/ul
RT: 13.874 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049421.D
Acq: 23 Jan 2025 16:10

Instrument :
BNA_M
ClientSampleId :
DCZH6DL

Tgt Ion:152 Resp: 74465

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	18.7	10.6	15.8#

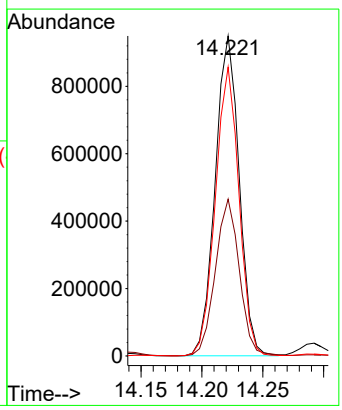


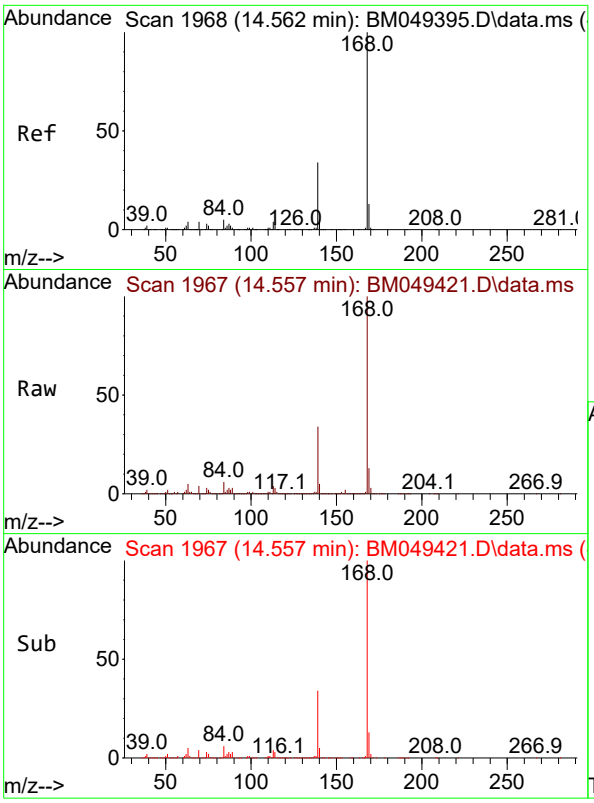


#52
Acenaphthene
Concen: 38.338 ng/ul
RT: 14.221 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BM049421.D
Acq: 23 Jan 2025 16:10

Tgt Ion:153 Resp: 1305800

Ion	Ratio	Lower	Upper
153	100		
152	49.0	39.0	58.6
154	90.3	71.6	107.4



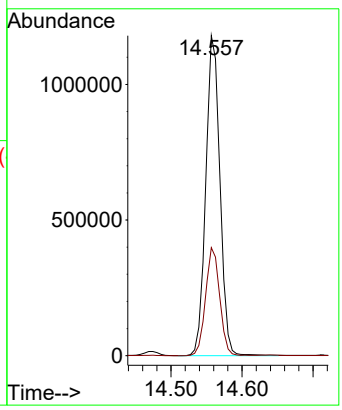


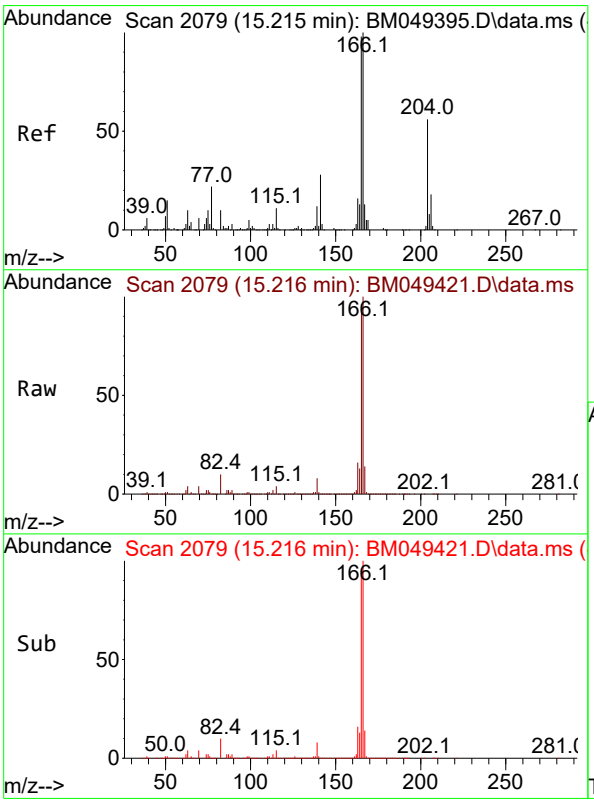
#56
Dibenzofuran
Concen: 33.824 ng/ul
RT: 14.557 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049421.D
Acq: 23 Jan 2025 16:10

Instrument :
BNA_M
ClientSampleId :
DCZH6DL

Tgt Ion:168 Resp: 1635988

Ion	Ratio	Lower	Upper
168	100		
139	33.8	27.0	40.4

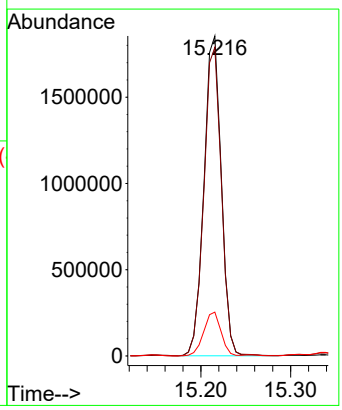


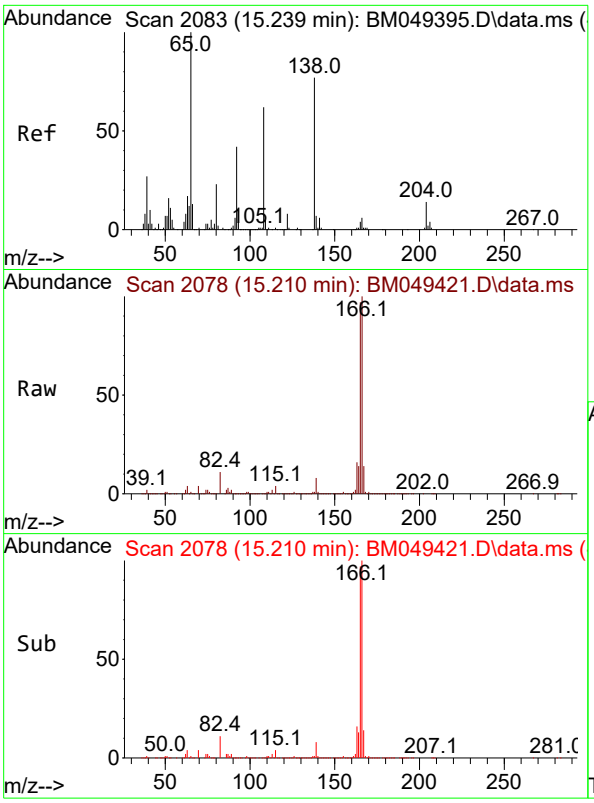


#61
Fluorene
Concen: 63.012 ng/ul
RT: 15.216 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM049421.D
Acq: 23 Jan 2025 16:10

Tgt Ion:166 Resp: 2490147

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.7	116.5
167	13.7	10.7	16.1



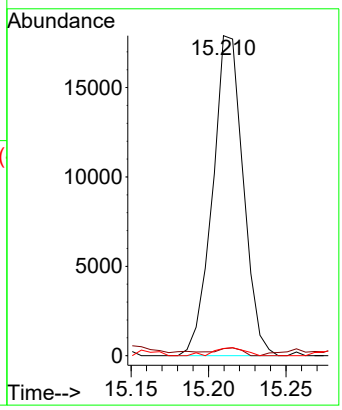


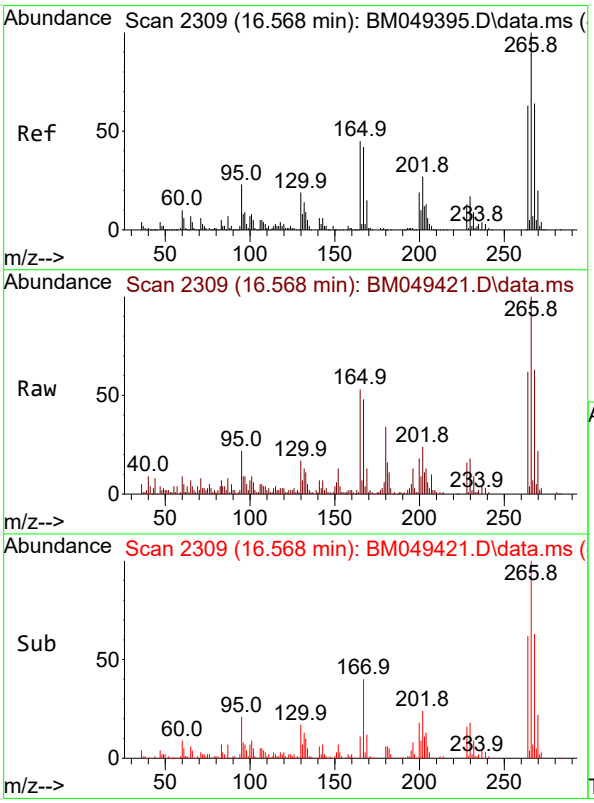
#63
4-Nitroaniline
Concen: 3.706 ng/ul
RT: 15.210 min Scan# 2
Delta R.T. -0.041 min
Lab File: BM049421.D
Acq: 23 Jan 2025 16:10

Instrument :
BNA_M
ClientSampleId :
DCZH6DL

Tgt Ion:138 Resp: 24596

Ion	Ratio	Lower	Upper
138	100		
92	2.2	42.0	63.0#
108	2.3	60.3	90.5#

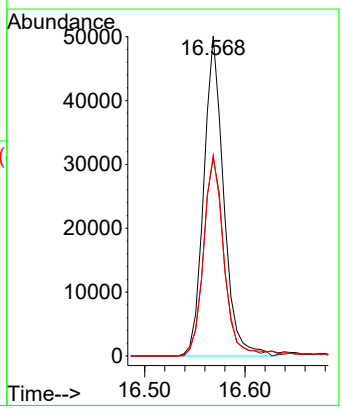


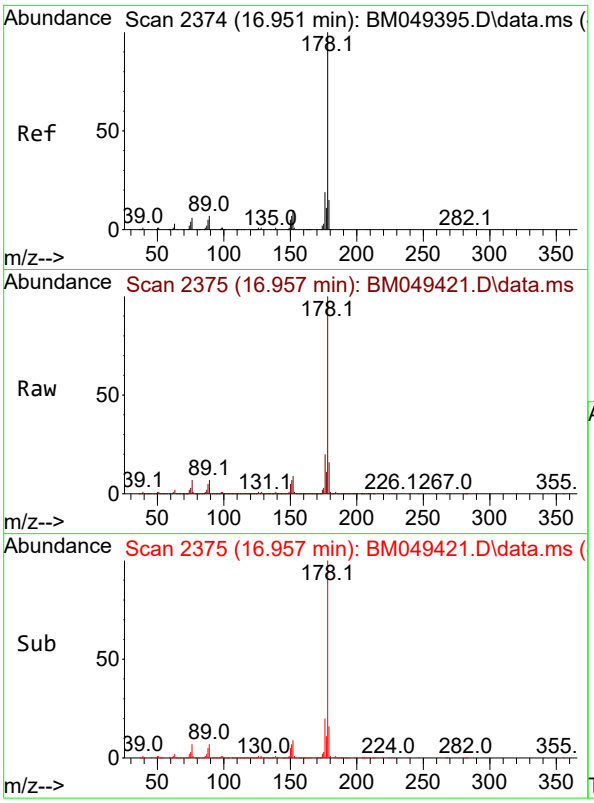


#71
Pentachlorophenol
Concen: 7.306 ng/ul
RT: 16.568 min Scan# 2309
Delta R.T. -0.006 min
Lab File: BM049421.D
Acq: 23 Jan 2025 16:10

Tgt Ion:266 Resp: 69303

Ion	Ratio	Lower	Upper
266	100		
264	61.9	48.6	72.8
268	62.9	49.4	74.0



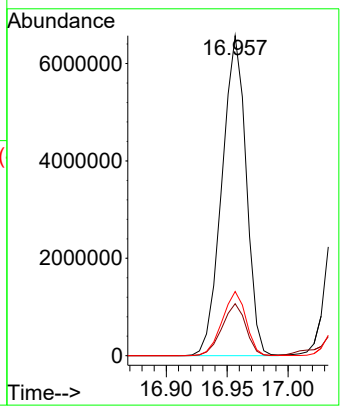


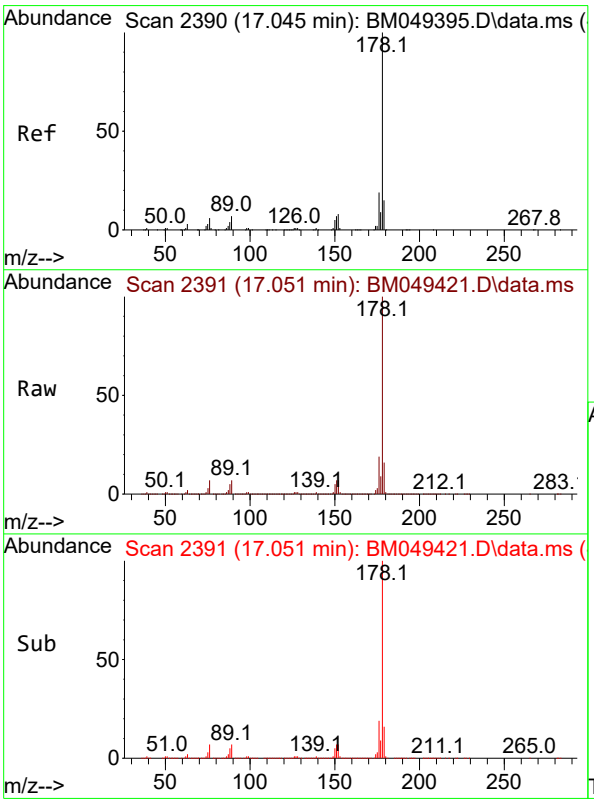
#72
Phenanthrene
Concen: 151.157 ng/ul
RT: 16.957 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM049421.D
Acq: 23 Jan 2025 16:10

Instrument :
BNA_M
ClientSampleId :
DCZH6DL

Tgt Ion:178 Resp: 9098469

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	19.0
176	20.1	15.4	23.2

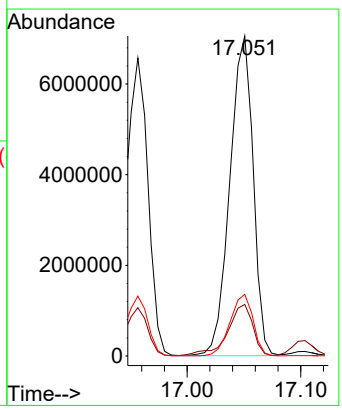


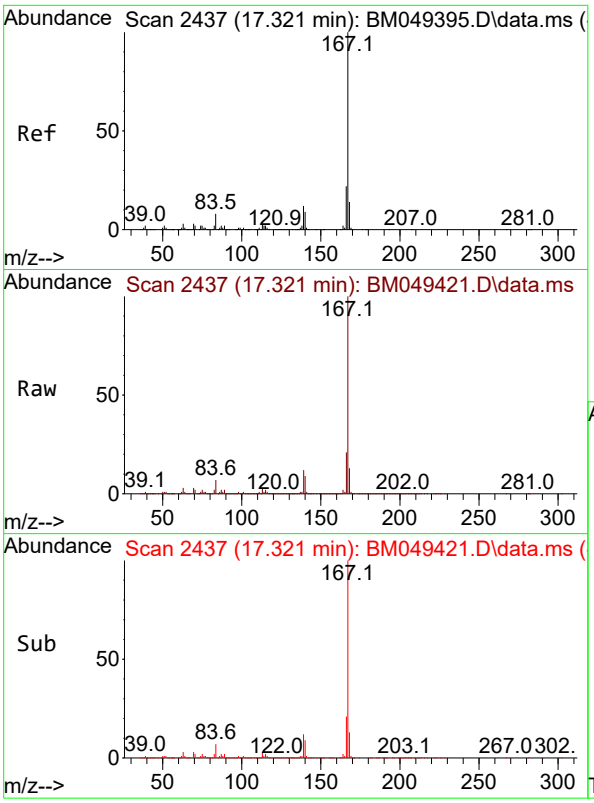


#74
Anthracene
Concen: 166.517 ng/ul
RT: 17.051 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BM049421.D
Acq: 23 Jan 2025 16:10

Tgt Ion:178 Resp:10060446

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.5	18.7
176	19.2	15.1	22.7



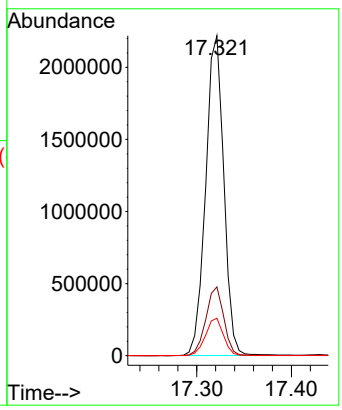


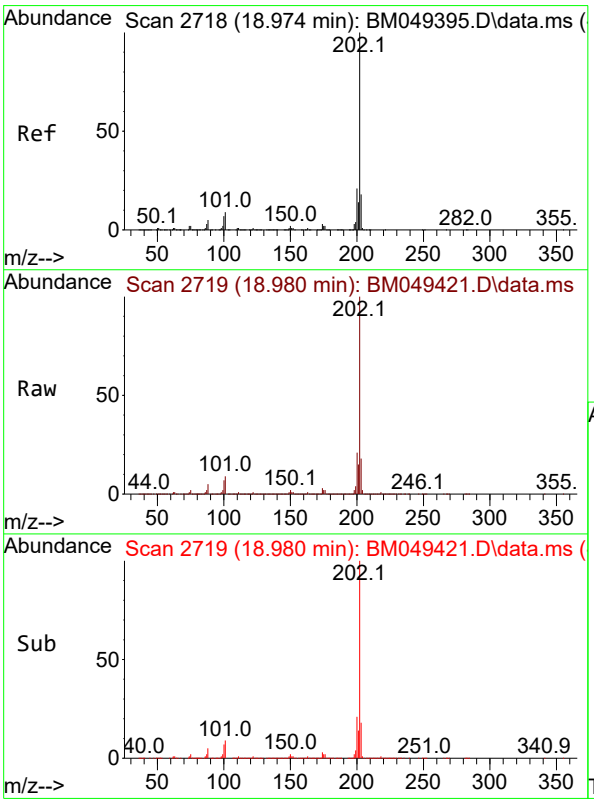
#77
Carbazole
Concen: 54.937 ng/ul
RT: 17.321 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM049421.D
Acq: 23 Jan 2025 16:10

Instrument :
BNA_M
ClientSampleId :
DCZH6DL

Tgt Ion:167 Resp: 2944852

Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.7	25.1
139	11.7	9.5	14.3

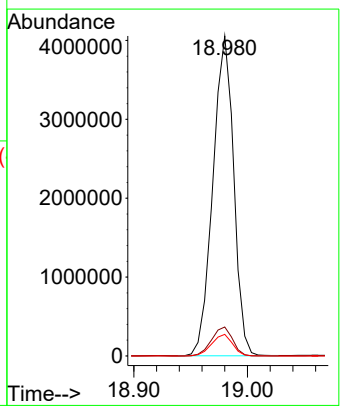


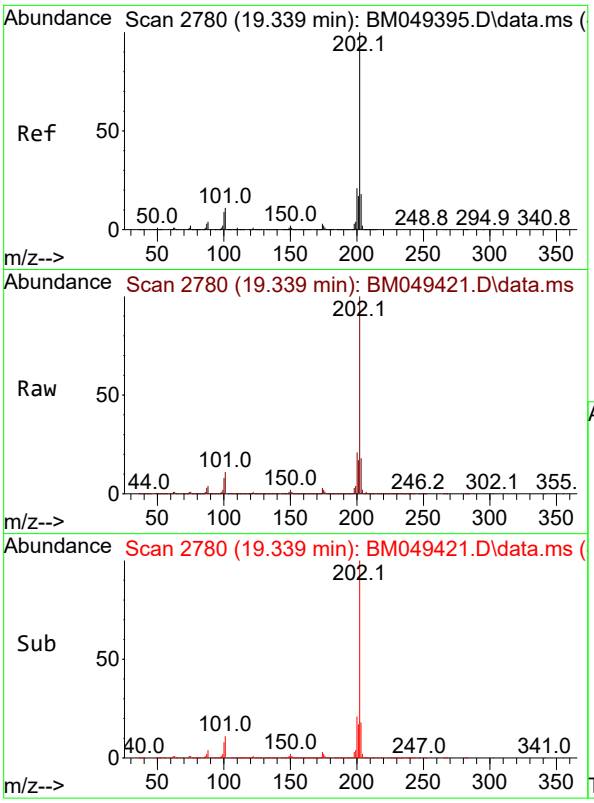


#80
Fluoranthene
Concen: 69.490 ng/ul
RT: 18.980 min Scan# 2719
Delta R.T. -0.006 min
Lab File: BM049421.D
Acq: 23 Jan 2025 16:10

Tgt Ion:202 Resp: 5170992

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.0	10.4
100	6.8	5.0	7.6



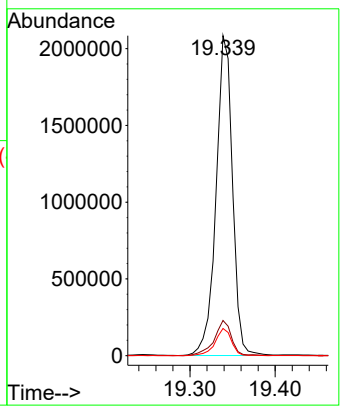


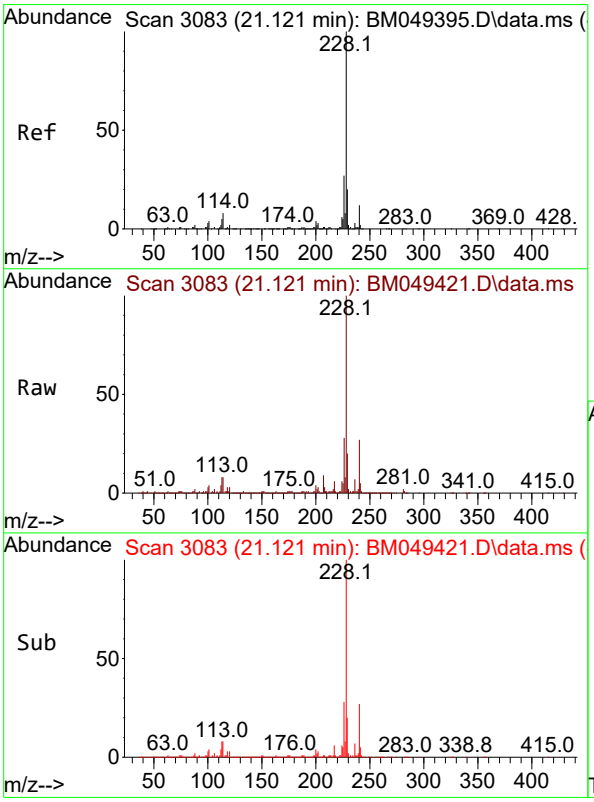
#82
Pyrene
Concen: 35.286 ng/ul
RT: 19.339 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM049421.D
Acq: 23 Jan 2025 16:10

Instrument :
BNA_M
ClientSampleId :
DCZH6DL

Tgt Ion:202 Resp: 2795070

Ion	Ratio	Lower	Upper
202	100		
101	11.0	7.8	11.8
100	8.5	6.6	10.0

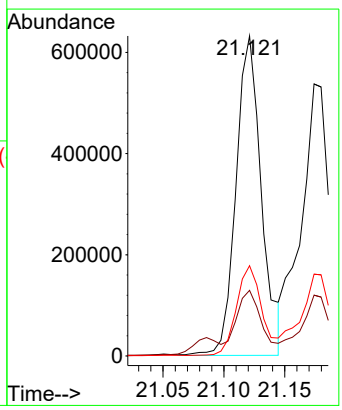


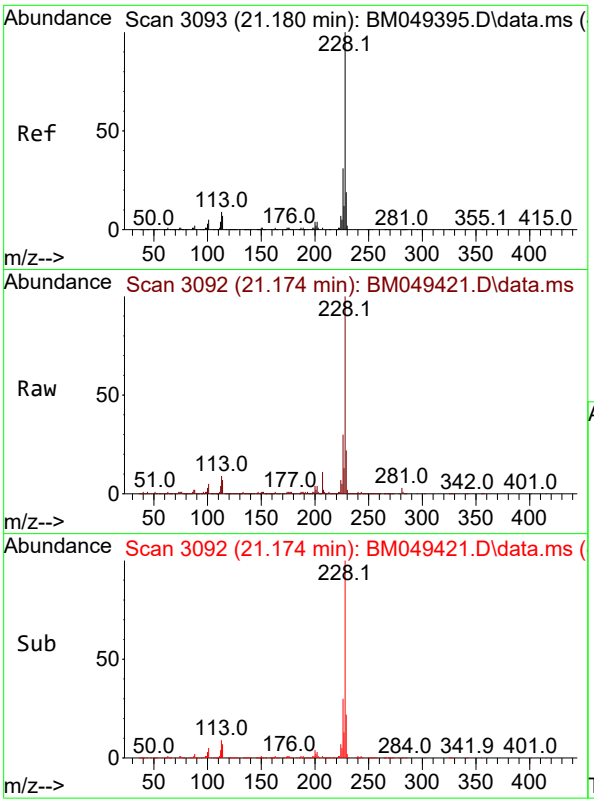


#85
Benzo(a)anthracene
Concen: 12.335 ng/ul
RT: 21.121 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM049421.D
Acq: 23 Jan 2025 16:10

Tgt Ion:228 Resp: 914722

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.6
226	28.2	22.1	33.1



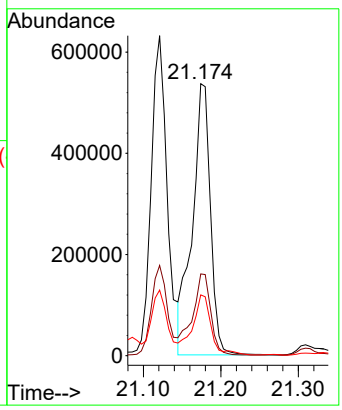


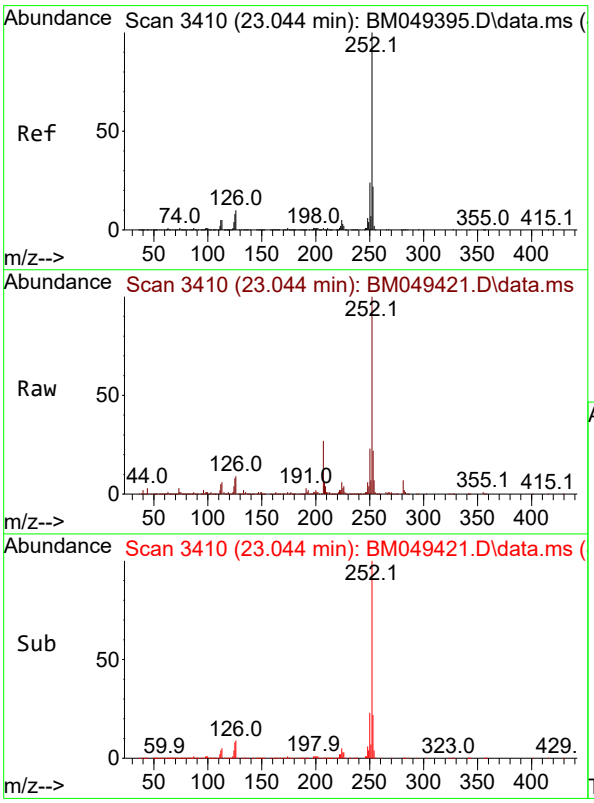
#87
Chrysene
Concen: 12.870 ng/ul
RT: 21.174 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM049421.D
Acq: 23 Jan 2025 16:10

Instrument :
BNA_M
ClientSampleId :
DCZH6DL

Tgt Ion:228 Resp: 871268

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	22.3	16.0	24.0

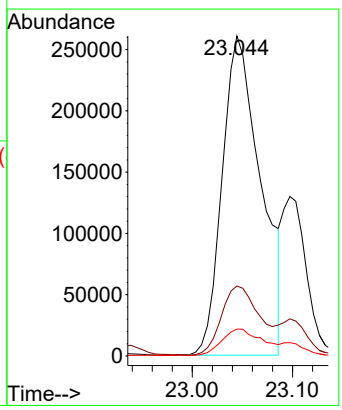


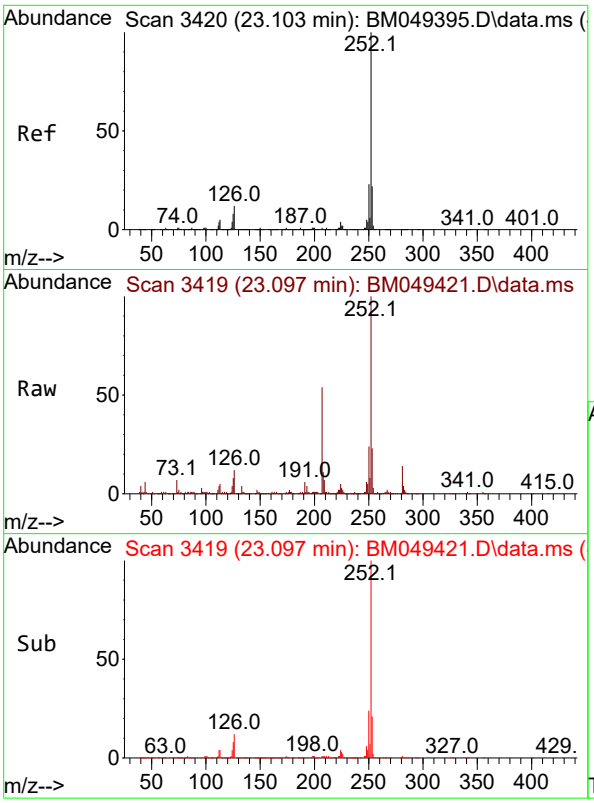


#90
Benzo(b)fluoranthene
Concen: 9.900 ng/ul
RT: 23.044 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BM049421.D
Acq: 23 Jan 2025 16:10

Tgt Ion:252 Resp: 696404

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	8.4	6.6	9.8



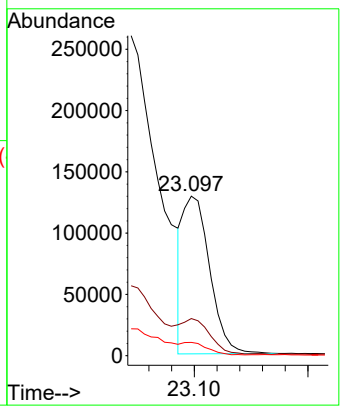


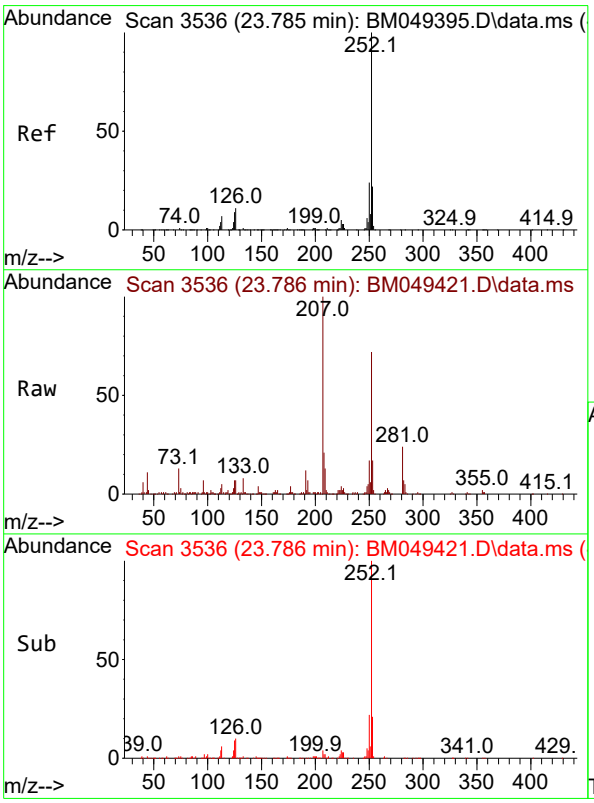
#91
Benzo(k)fluoranthene
Concen: 2.990 ng/ul
RT: 23.097 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM049421.D
Acq: 23 Jan 2025 16:10

Instrument :
BNA_M
ClientSampleId :
DCZH6DL

Tgt Ion:252 Resp: 209726

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	8.4	6.5	9.7





#93
Benzo(a)pyrene
Concen: 1.836 ng/ul
RT: 23.786 min Scan# 3536
Delta R.T. -0.012 min
Lab File: BM049421.D
Acq: 23 Jan 2025 16:10

Tgt Ion:252 Resp: 116679

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	9.9	6.9	10.3