Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049810.D
Acq On : 03 Apr 2025 17:53
Operator : RC/JU
Sample : Q1695-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TT-3

Quant Time: Apr 04 01:00:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	343499	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	1192984	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	750072	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1472589	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1490714	20.000	ng	-0.02
86) Perylene-d12	24.403	264	1559523	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2046714	100.538	ng	-0.02
7) Phenol-d6	6.957	99	2663833	104.269	ng	-0.02
23) Nitrobenzene-d5	8.939	82	1545124	66.497	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	1097742	125.333	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	3298978	55.082	ng	-0.02
79) Terphenyl-d14	19.792	244	4917631	55.590	ng	-0.02
Target Compounds						Qvalue
62) 4-Nitroaniline	15.468	138	57	3.762	ng	# 16
63) Azobenzene	15.786	77	224293	4.828	ng	# 1
71) Phenanthrene	17.209	178	259945	3.179	ng	98
75) Fluoranthene	19.227	202	821361	8.725	ng	99
78) Pyrene	19.586	202	1313617	12.613	ng	100
81) Benzo(a)anthracene	21.386	228	662051	6.649	ng	99
83) Chrysene	21.444	228	623248	6.603	ng	98
87) Indeno(1,2,3-cd)pyrene	27.779	276	596078	5.310	ng	97
88) Benzo(b)fluoranthene	23.456	252	848846	8.081	ng	# 96
89) Benzo(k)fluoranthene	23.456	252	848846	8.213	ng	# 96
90) Benzo(a)pyrene	24.262	252	774213	8.775	ng	98
92) Benzo(g,h,i)perylene	28.832	276	660311	7.010	ng	98

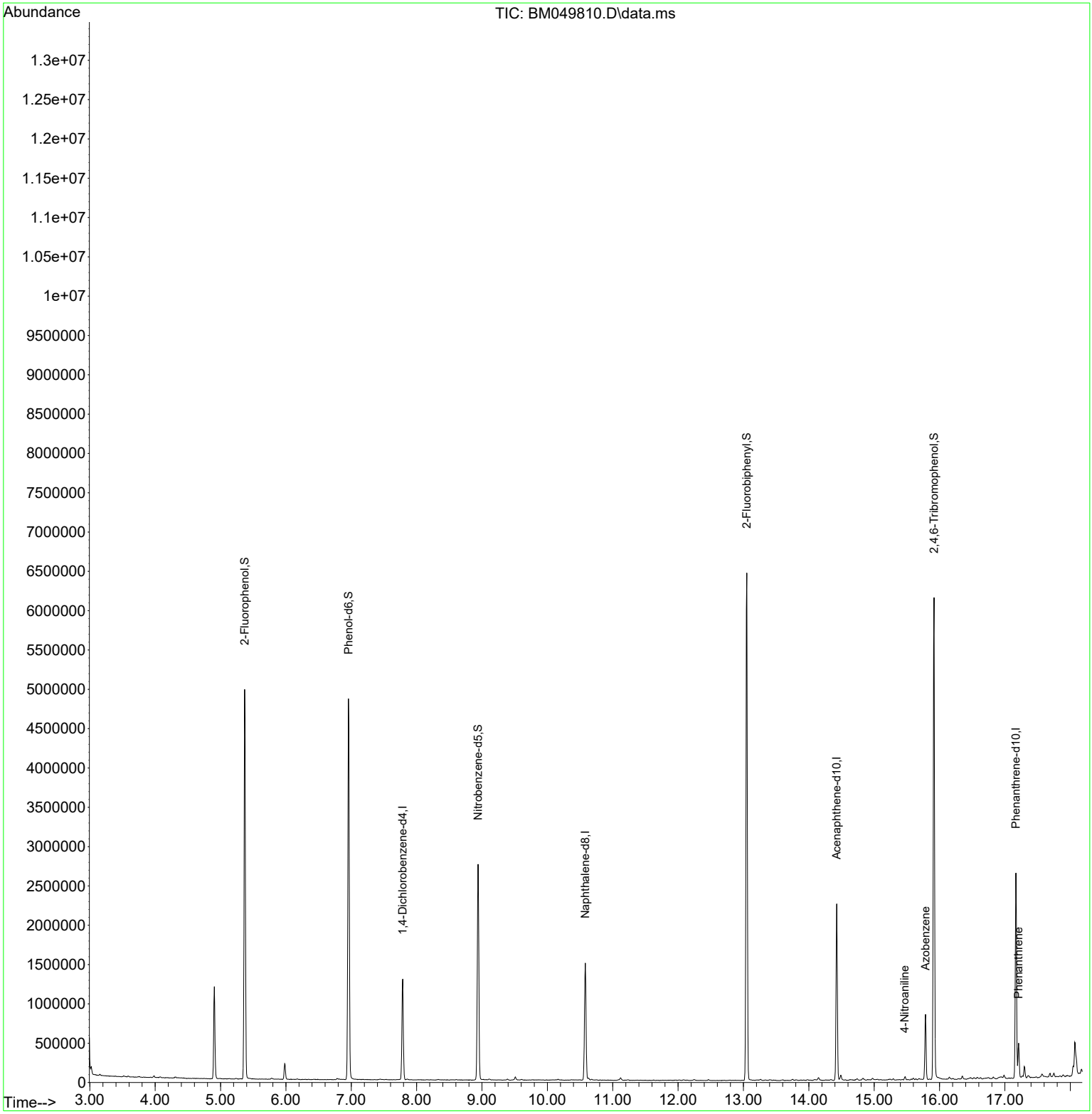
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049810.D
Acq On : 03 Apr 2025 17:53
Operator : RC/JU
Sample : Q1695-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TT-3

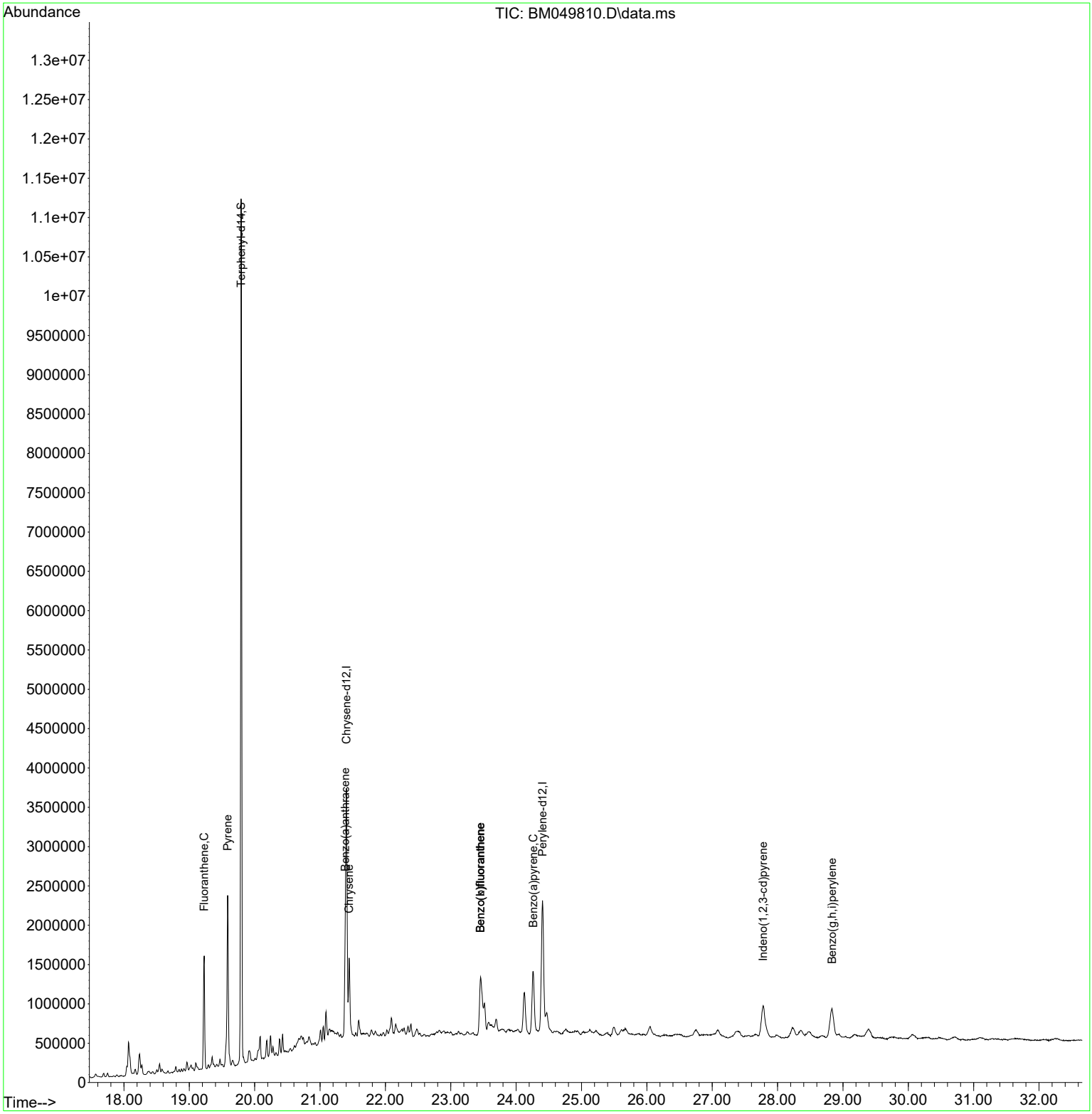
Quant Time: Apr 04 01:00:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

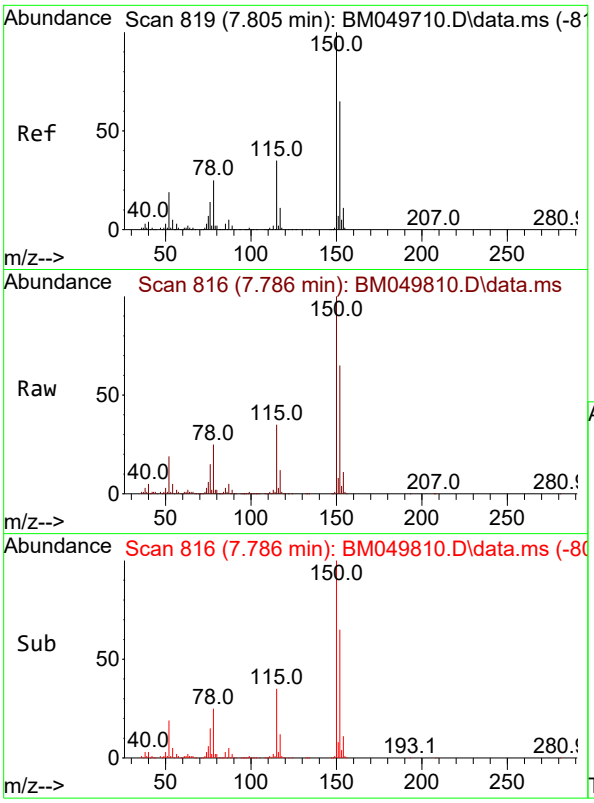


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049810.D
Acq On : 03 Apr 2025 17:53
Operator : RC/JU
Sample : Q1695-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TT-3

Quant Time: Apr 04 01:00:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration



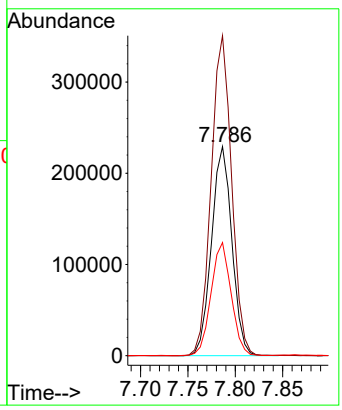


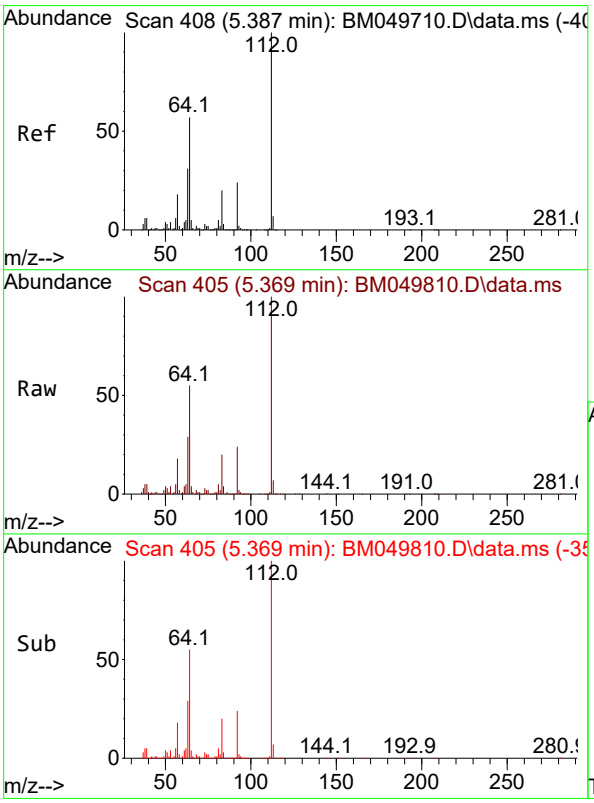
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 8
Delta R.T. -0.019 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Instrument :
BNA_M
ClientSampleId :
TT-3

Tgt Ion:152 Resp: 343499

Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.8	185.8
115	54.1	43.0	64.6

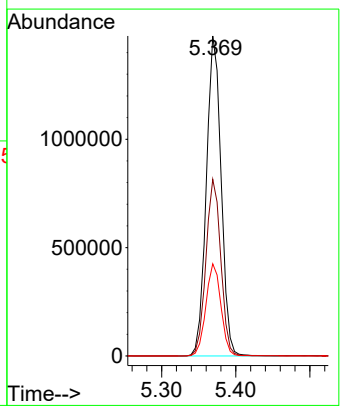


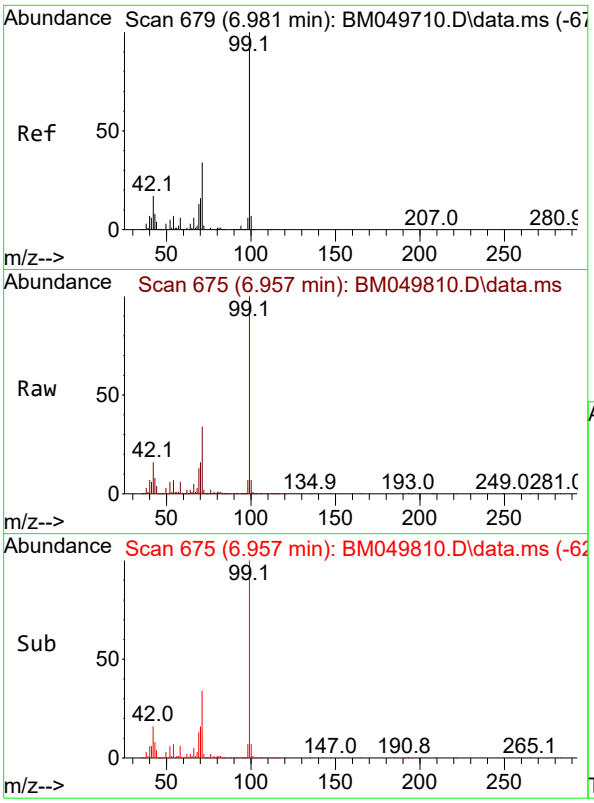


#5
2-Fluorophenol
Concen: 100.538 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.018 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Tgt Ion:112 Resp: 2046714

Ion	Ratio	Lower	Upper
112	100		
64	55.2	45.3	67.9
63	28.8	24.4	36.6



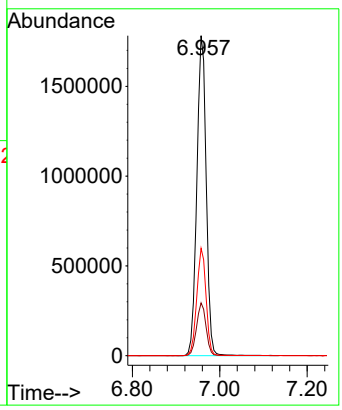


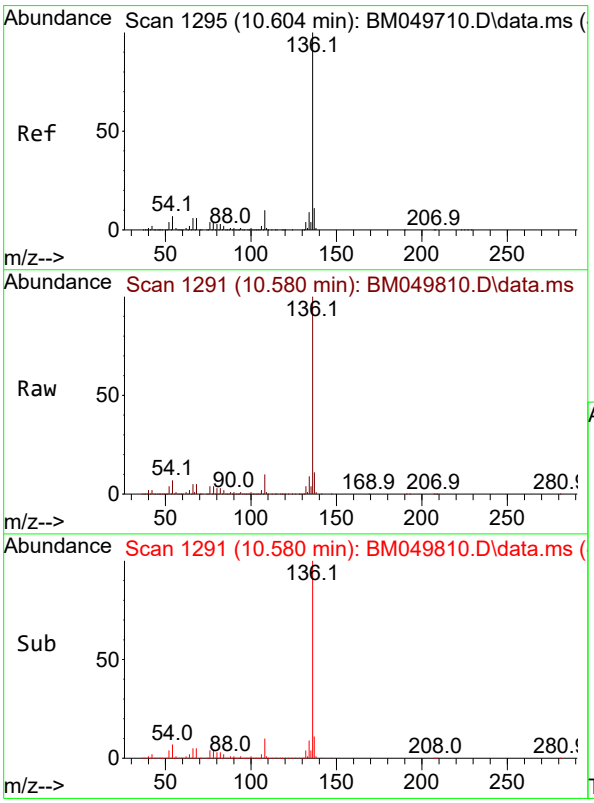
#7
Phenol-d6
Concen: 104.269 ng
RT: 6.957 min Scan# 6
Delta R.T. -0.024 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Instrument :
BNA_M
ClientSampleId :
TT-3

Tgt Ion: 99 Resp: 2663833

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.6	20.4
71	33.6	27.0	40.6

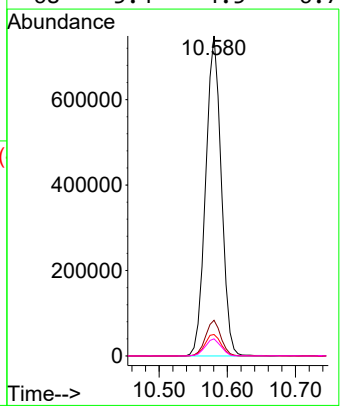


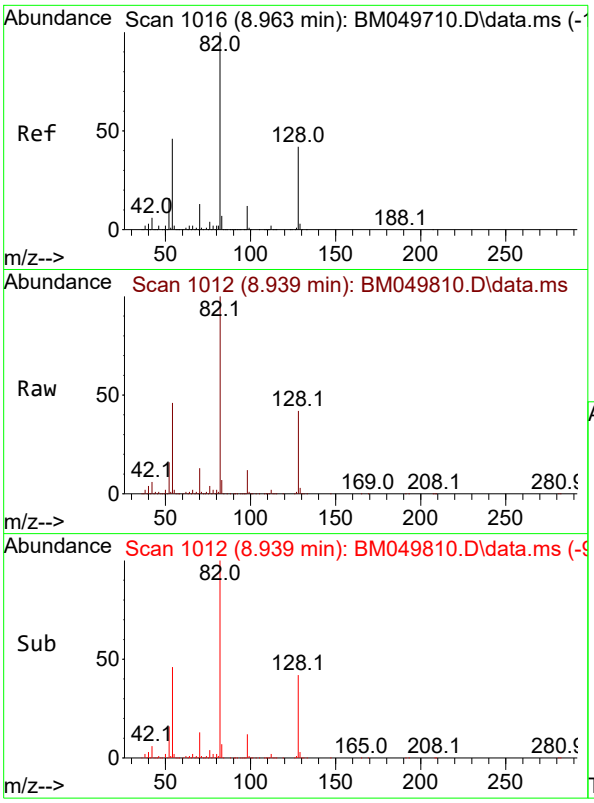


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Tgt Ion:136 Resp: 1192984

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	6.7	5.8	8.8
68	5.4	4.5	6.7



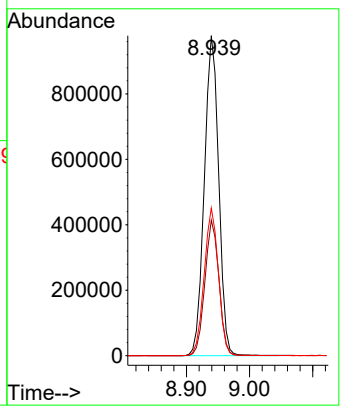


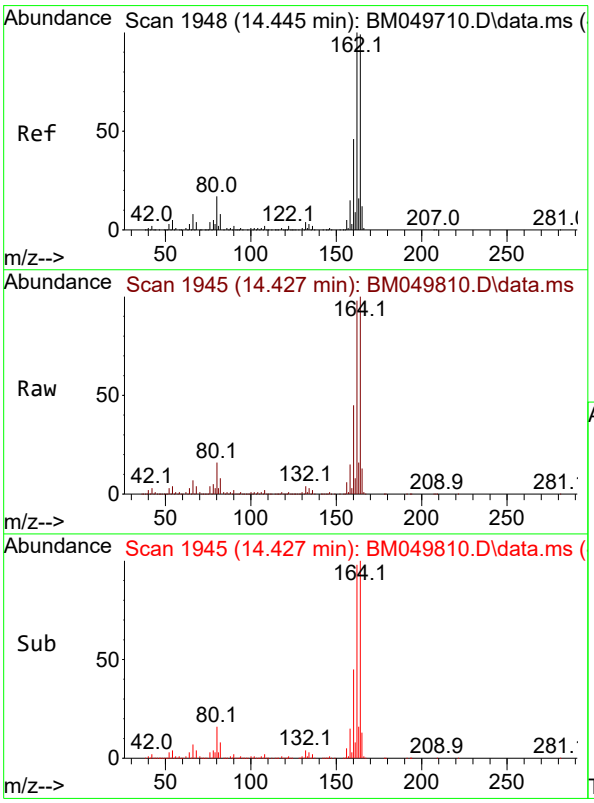
#23
Nitrobenzene-d5
Concen: 66.497 ng
RT: 8.939 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Instrument :
BNA_M
ClientSampleId :
TT-3

Tgt Ion: 82 Resp: 1545124

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.4	50.0
54	46.2	36.4	54.6

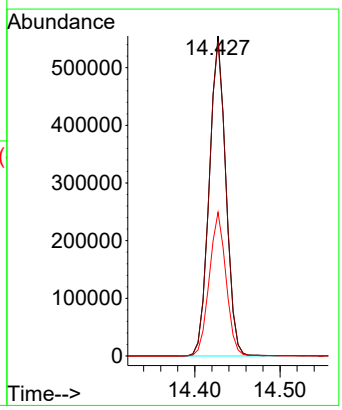


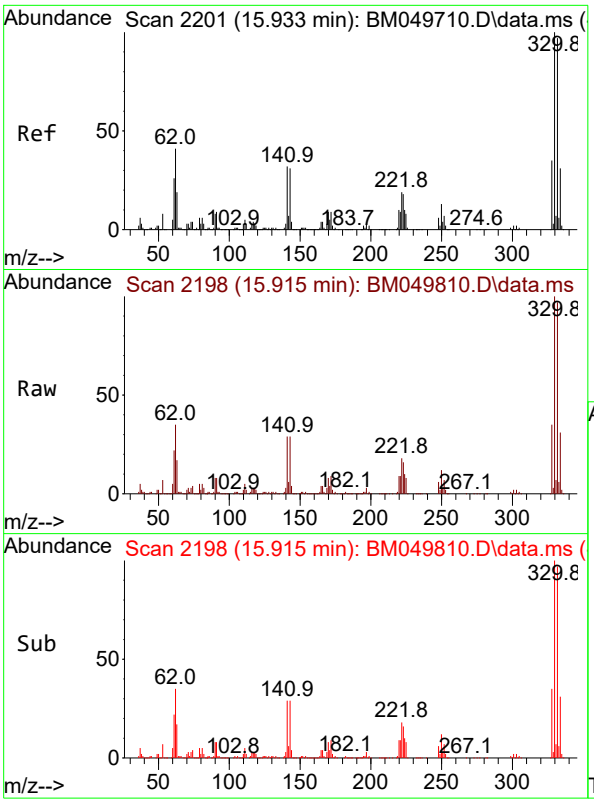


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Tgt Ion:164 Resp: 750072

Ion	Ratio	Lower	Upper
164	100		
162	98.2	80.5	120.7
160	44.9	36.9	55.3



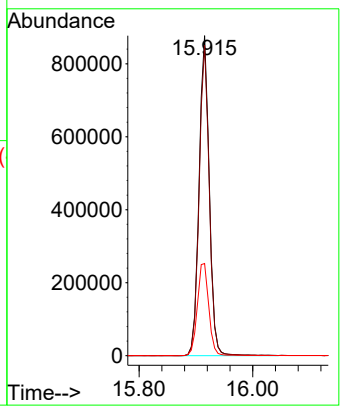


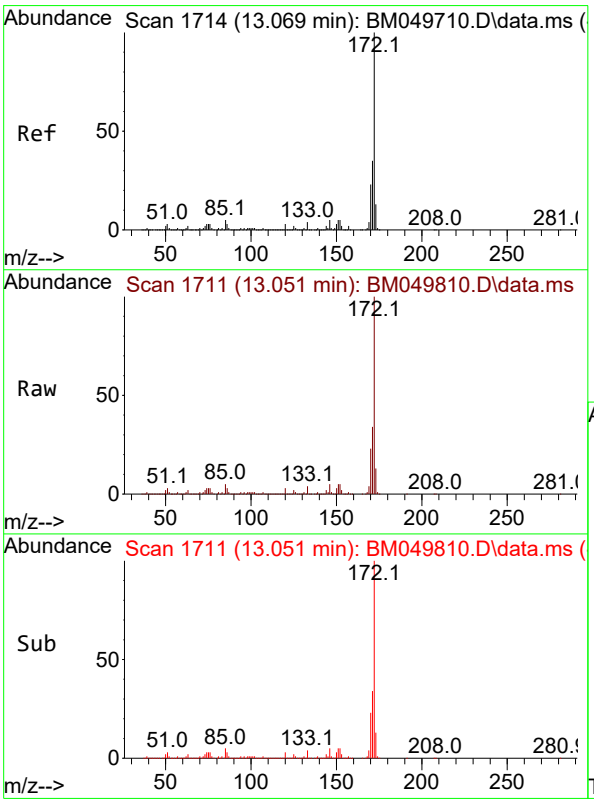
#42
2,4,6-Tribromophenol
Concen: 125.333 ng
RT: 15.915 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Instrument :
BNA_M
ClientSampleId :
TT-3

Tgt Ion:330 Resp: 1097742

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.4
141	32.1	27.8	41.6

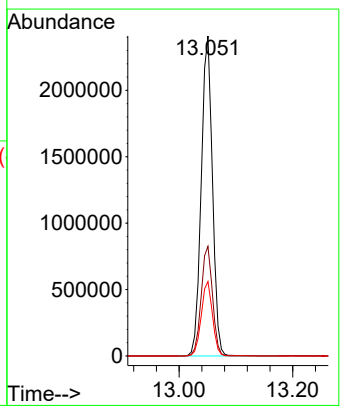


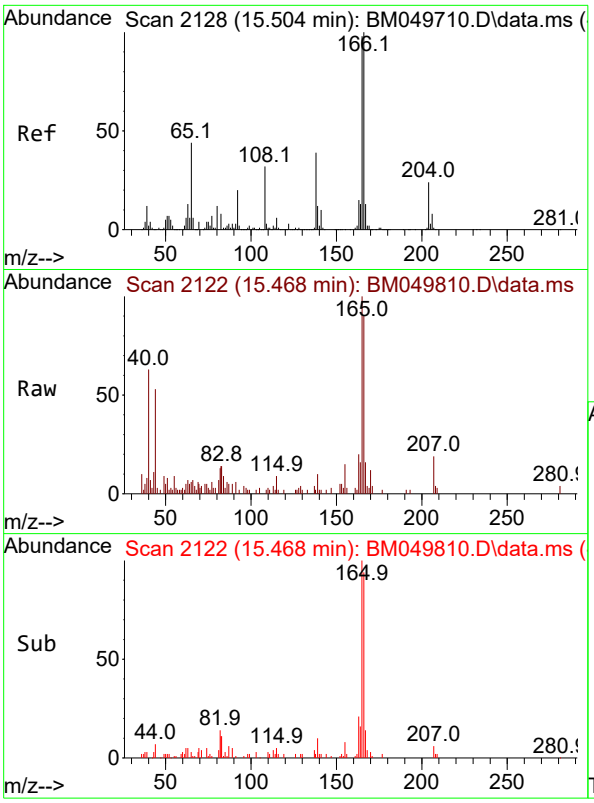


#45
2-Fluorobiphenyl
Concen: 55.082 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Tgt Ion:172 Resp: 3298978

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.9	41.9
170	23.2	18.6	28.0



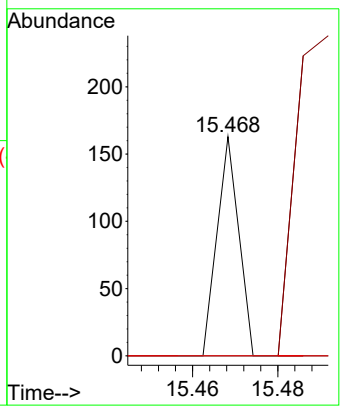


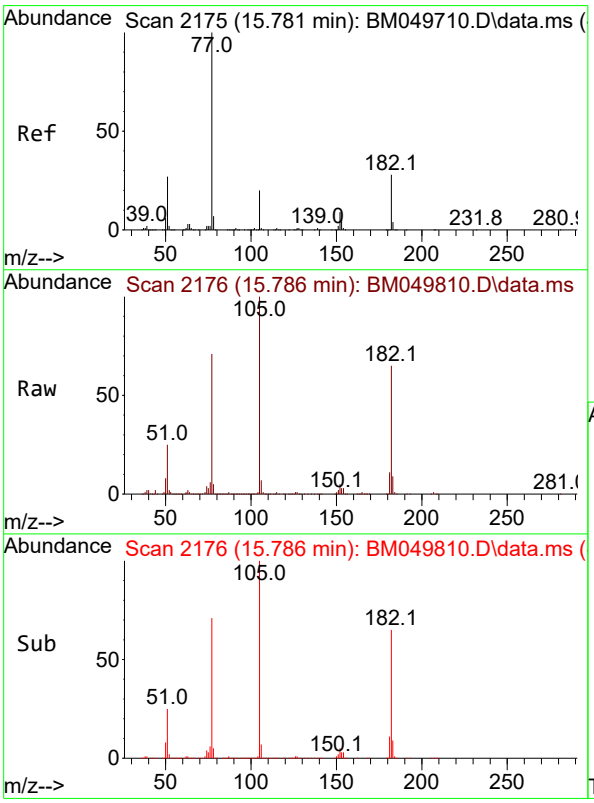
#62
4-Nitroaniline
Concen: 3.762 ng
RT: 15.468 min Scan# 2
Delta R.T. -0.036 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Instrument :
BNA_M
ClientSampleId :
TT-3

Tgt Ion:138 Resp: 57

Ion	Ratio	Lower	Upper
138	100		
92	0.0	29.8	69.8#
108	0.0	61.3	101.3#

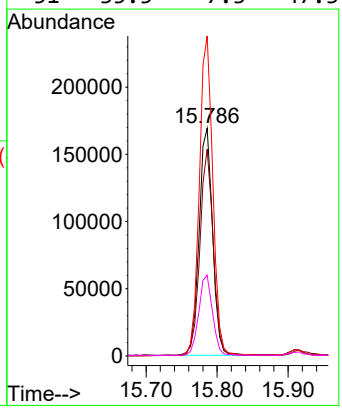


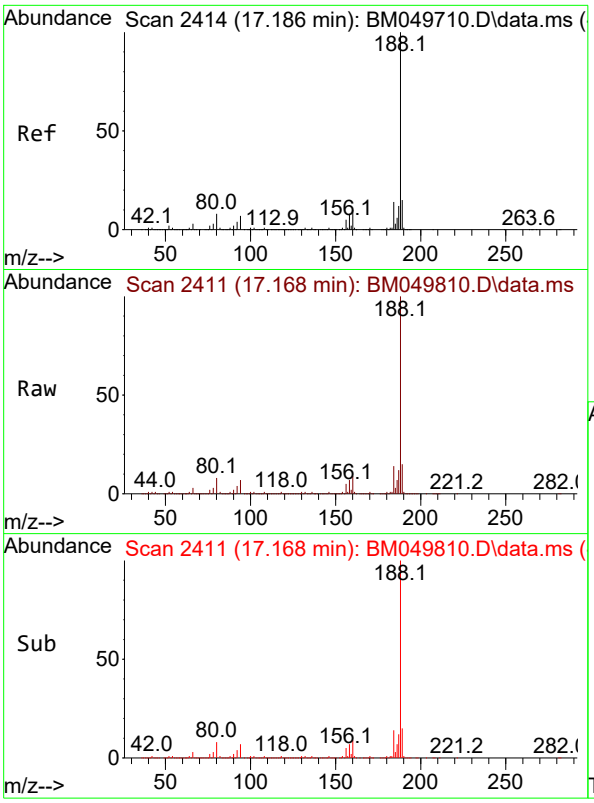


#63
Azobenzene
Concen: 4.828 ng
RT: 15.786 min Scan# 2176
Delta R.T. 0.005 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Tgt Ion: 77 Resp: 224293

Ion	Ratio	Lower	Upper
77	100		
182	90.8	8.0	48.0#
105	140.6	0.0	40.0#
51	35.5	7.3	47.3



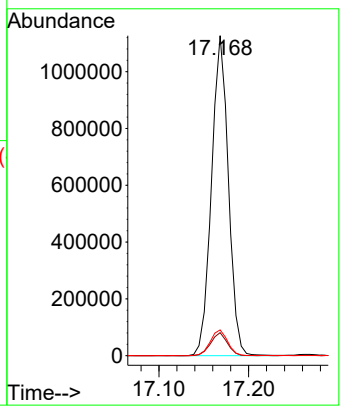


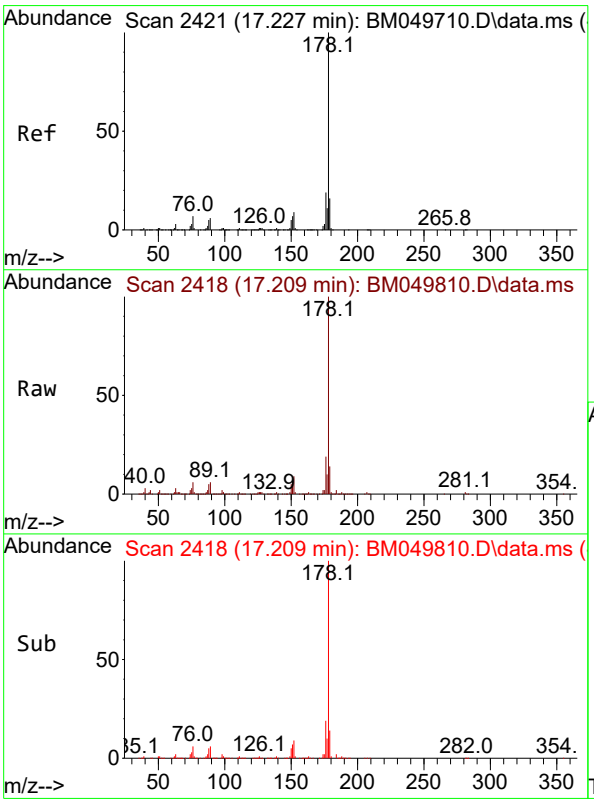
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Instrument :
BNA_M
ClientSampleId :
TT-3

Tgt Ion:188 Resp: 1472589

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.8	8.6
80	8.1	6.3	9.5

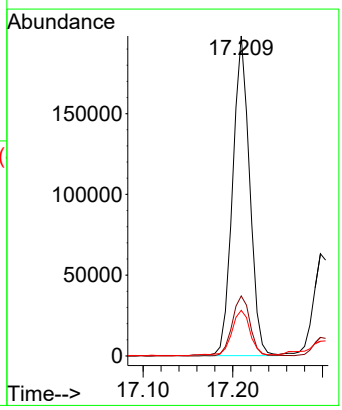


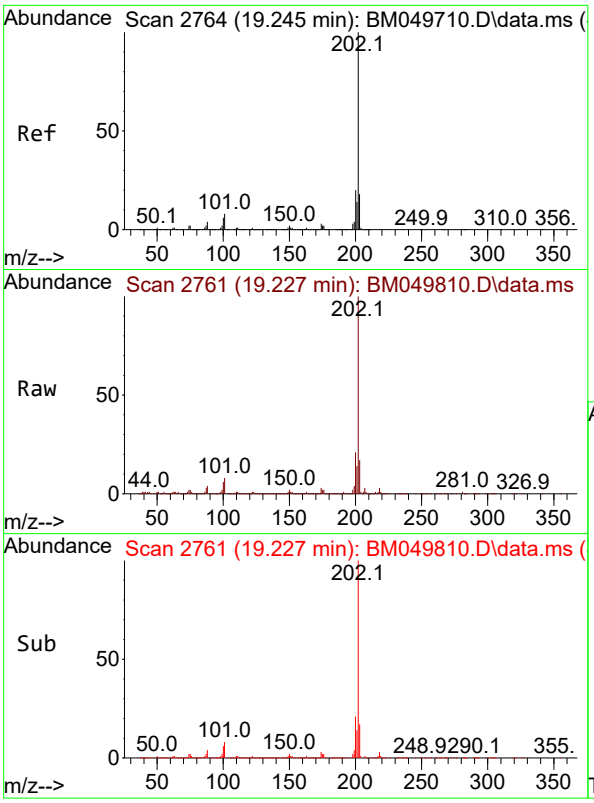


#71
Phenanthrene
Concen: 3.179 ng
RT: 17.209 min Scan# 2418
Delta R.T. -0.018 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Tgt Ion:178 Resp: 259945

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	14.2	12.5	18.7



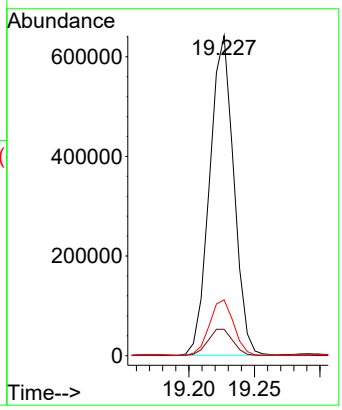


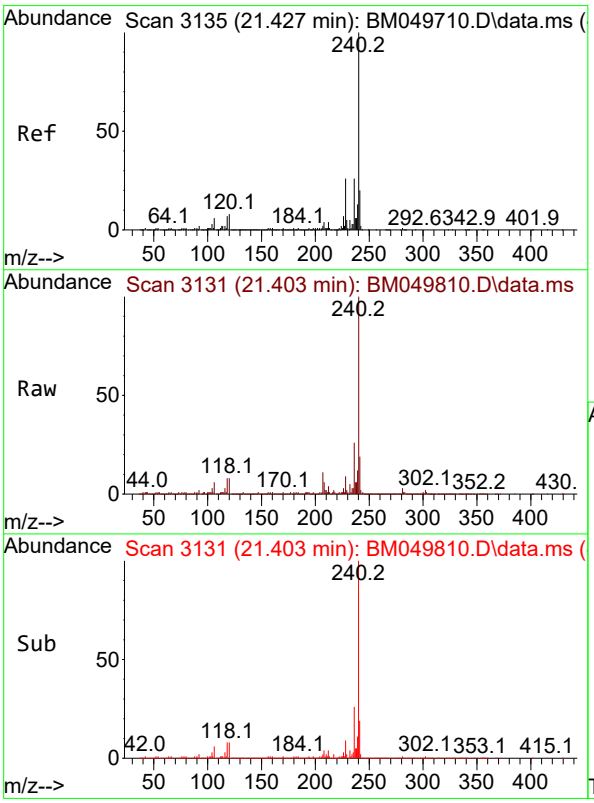
#75
Fluoranthene
Concen: 8.725 ng
RT: 19.227 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Instrument :
BNA_M
ClientSampleId :
TT-3

Tgt Ion:202 Resp: 821361

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	27.8
203	17.5	0.0	37.6

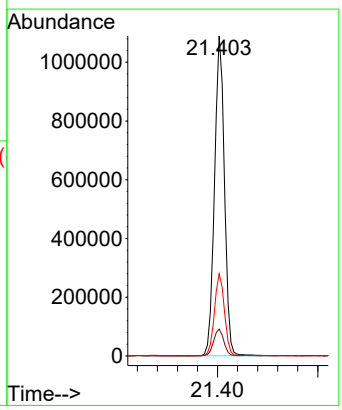


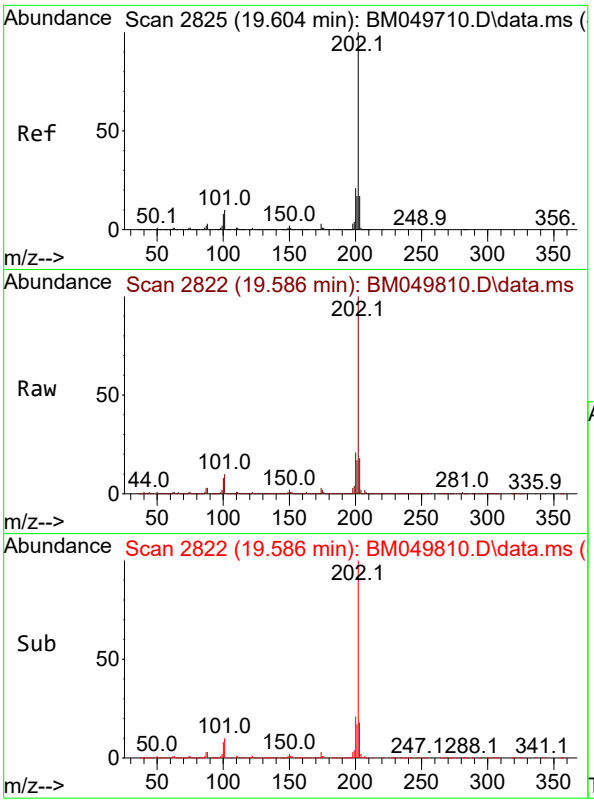


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.024 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Tgt Ion:240 Resp: 1490714

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.5	9.7
236	25.7	20.7	31.1



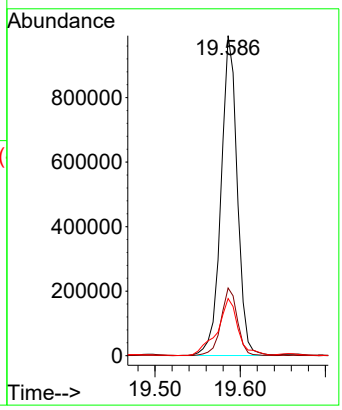


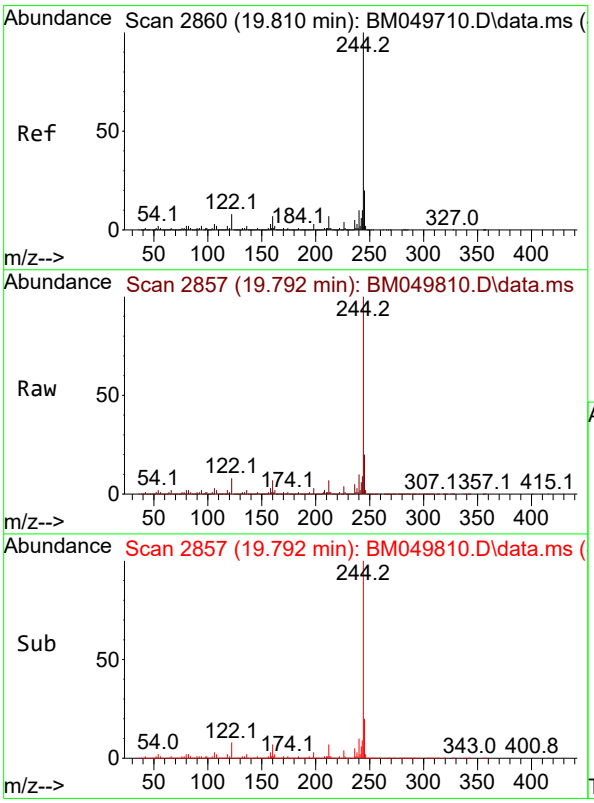
#78
Pyrene
Concen: 12.613 ng
RT: 19.586 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Instrument :
BNA_M
ClientSampleId :
TT-3

Tgt Ion:202 Resp: 1313617

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.8	14.0	21.0

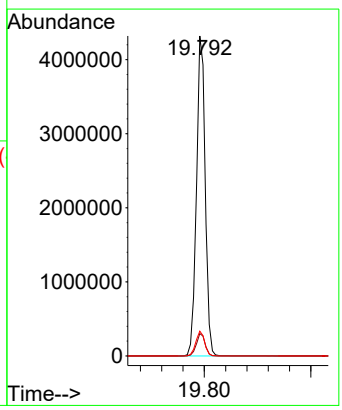


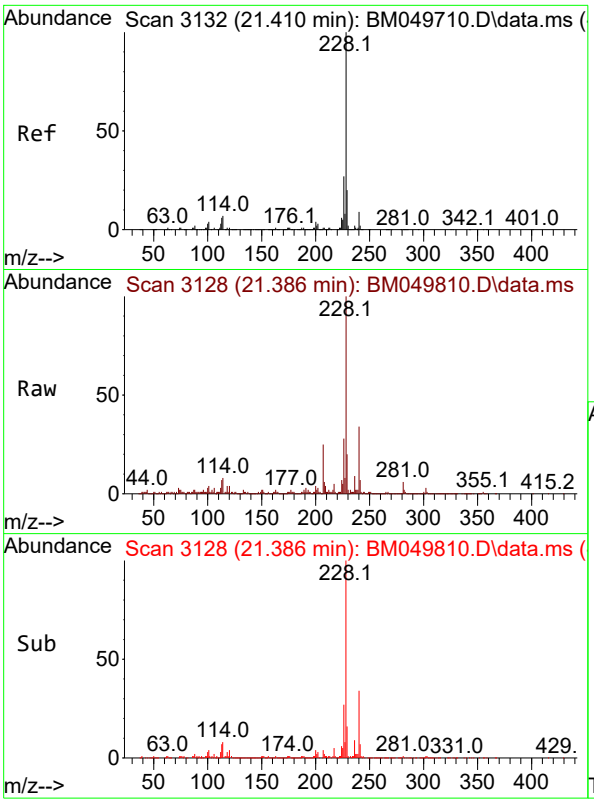


#79
Terphenyl-d14
Concen: 55.590 ng
RT: 19.792 min Scan# 2857
Delta R.T. -0.018 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Tgt Ion:244 Resp: 4917631

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	7.7	6.0	9.0



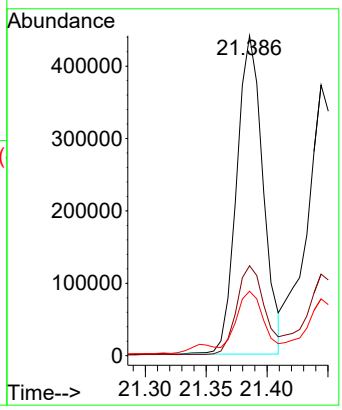


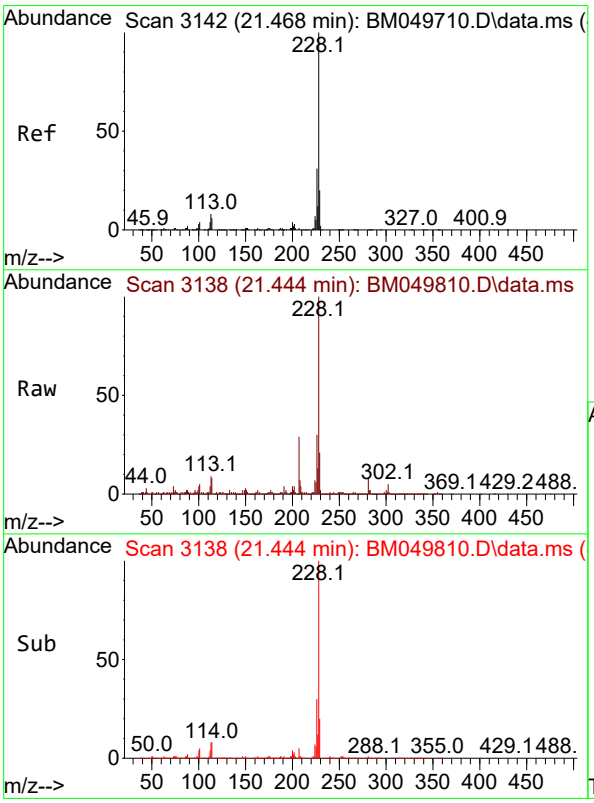
#81
Benzo(a)anthracene
Concen: 6.649 ng
RT: 21.386 min Scan# 3
Delta R.T. -0.024 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Instrument :
BNA_M
ClientSampleId :
TT-3

Tgt Ion:228 Resp: 662051

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.0	33.0
229	20.2	15.8	23.8

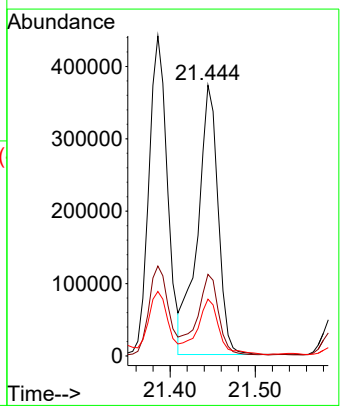


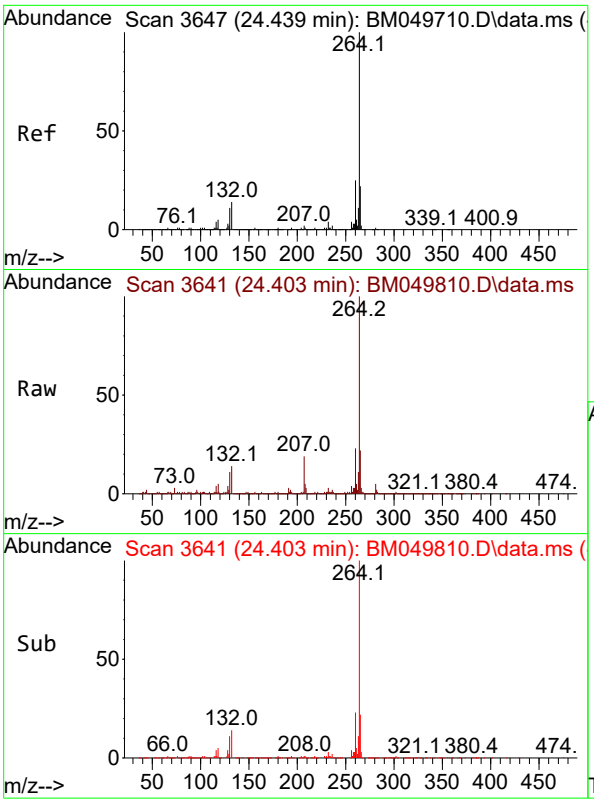


#83
Chrysene
Concen: 6.603 ng
RT: 21.444 min Scan# 3138
Delta R.T. -0.024 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Tgt Ion:228 Resp: 623248

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.5	36.7
229	21.0	15.8	23.6



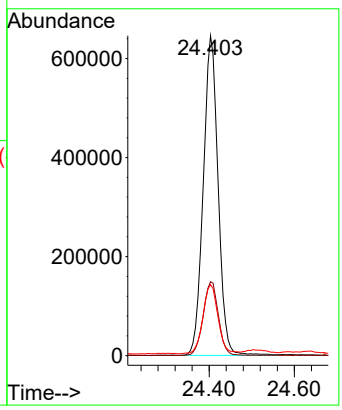


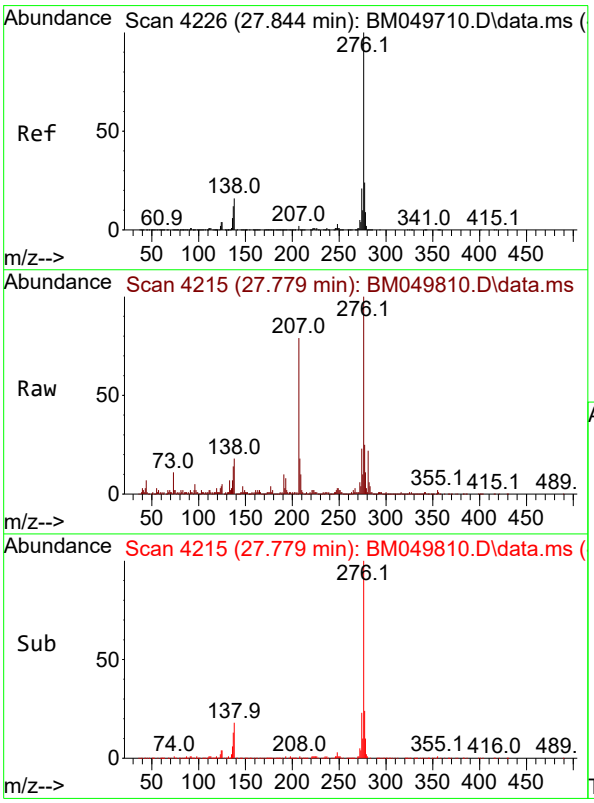
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3
Delta R.T. -0.036 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Instrument :
BNA_M
ClientSampleId :
TT-3

Tgt Ion:264 Resp: 1559523

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	22.2	18.2	27.2

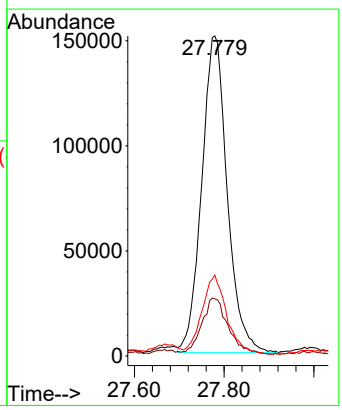


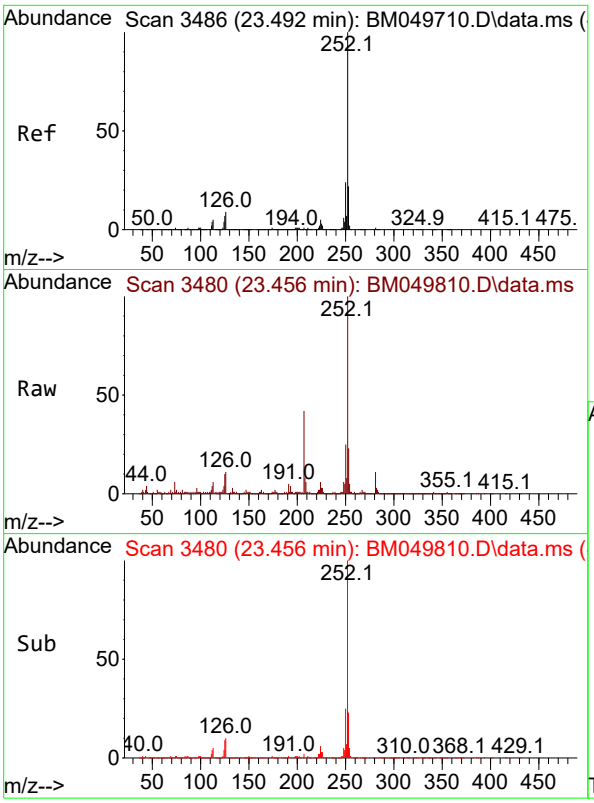


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.310 ng
RT: 27.779 min Scan# 4215
Delta R.T. -0.065 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Tgt Ion:276 Resp: 596078

Ion	Ratio	Lower	Upper
276	100		
138	18.1	16.3	24.5
277	24.5	19.9	29.9



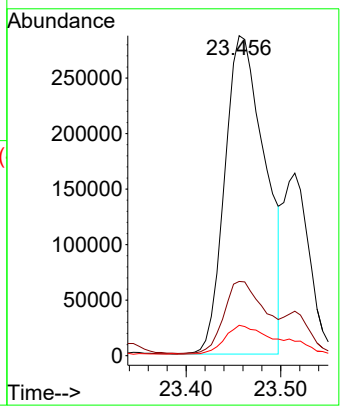


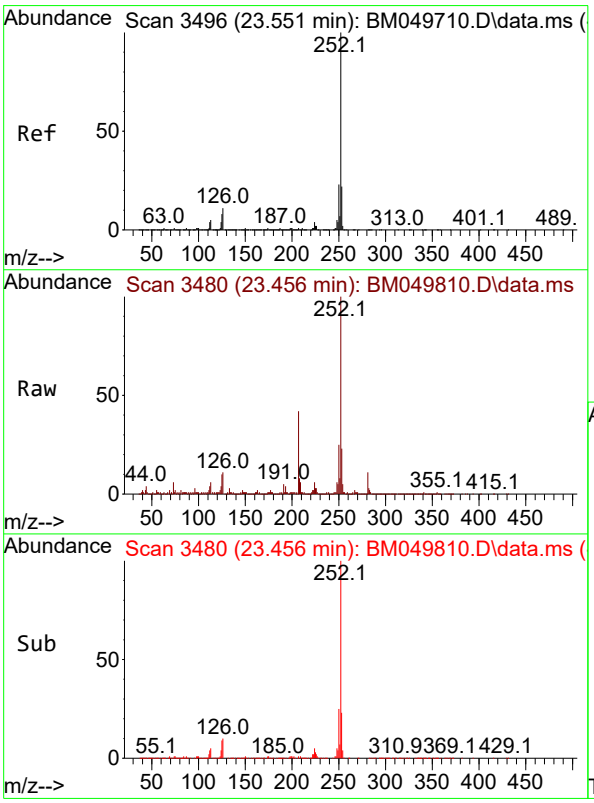
#88
Benzo(b)fluoranthene
Concen: 8.081 ng
RT: 23.456 min Scan# 34
Delta R.T. -0.036 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Instrument :
BNA_M
ClientSampleId :
TT-3

Tgt Ion:252 Resp: 848846

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	9.5	5.9	8.9#

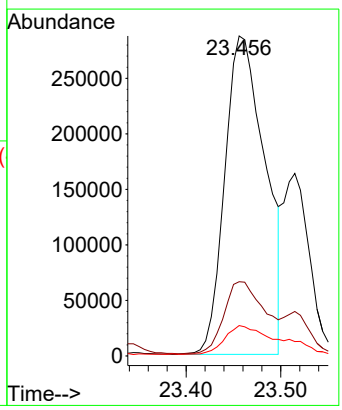


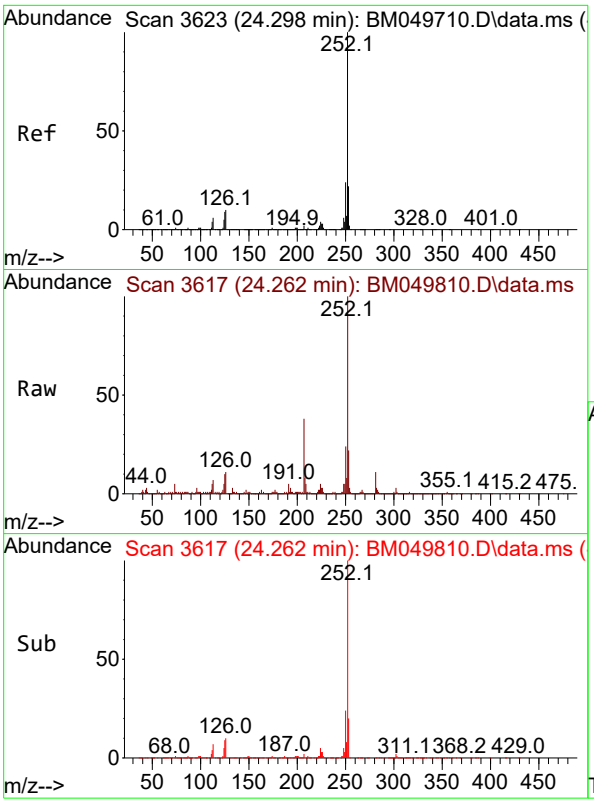


#89
Benzo(k)fluoranthene
Concen: 8.213 ng
RT: 23.456 min Scan# 3480
Delta R.T. -0.095 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Tgt Ion:252 Resp: 848846

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	9.5	6.2	9.2#



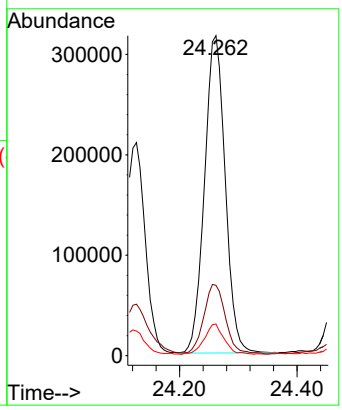


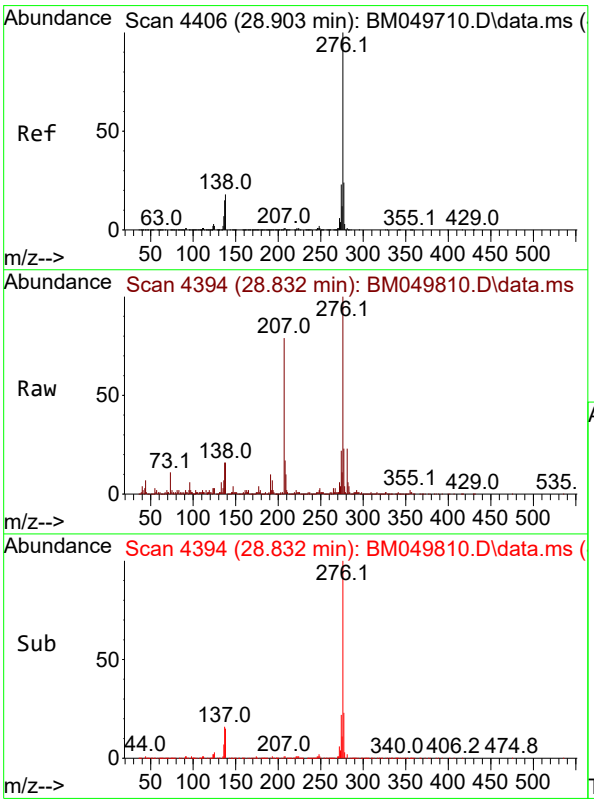
#90
Benzo(a)pyrene
Concen: 8.775 ng
RT: 24.262 min Scan# 3
Delta R.T. -0.036 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Instrument :
BNA_M
ClientSampleId :
TT-3

Tgt Ion:252 Resp: 774213

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	9.9	7.0	10.6





#92
Benzo(g,h,i)perylene
Concen: 7.010 ng
RT: 28.832 min Scan# 4394
Delta R.T. -0.071 min
Lab File: BM049810.D
Acq: 03 Apr 2025 17:53

Tgt Ion:276 Resp: 660311

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	16.0	14.0	21.0