Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

Quant Time: May 06 05:19:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	357595	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	1220331	20.000	ng	#-0.02
39) Acenaphthene-d10	14.398	164	725121	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1422912	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	1469025	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1573716	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1384727	67.807	ng	-0.02
7) Phenol-d6	6.934	99	1764062	68.728	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1031314	41.644	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	804999	75.080	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	2483148	40.511	ng	-0.02
79) Terphenyl-d14	19.768	244	3779793	38.074	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	8.851	117	67369	7.073	ng	# 1
22) Acetophenone	8.545	105	129690	4.275	ng	# 59
37) 2-Methylnaphthalene	12.204	142	185313	4.472	ng	# 94
38) 1-Methylnaphthalene	12.427	142	127302	2.903	ng	# 94
52) Acenaphthene	14.457	154	124795	3.203	ng	93
54) 2,4-Dinitrophenol	14.551	184	1468	5.937	ng	# 1
55) Dibenzofuran	14.798	168	153650	2.370	ng	# 68
56) 4-Nitrophenol	14.621	139	34657	8.370	ng	# 1
58) Fluorene	15.445	166	362788	6.837	ng	# 85
62) 4-Nitroaniline	15.280	138	22765	2.253	ng	82
63) Azobenzene	15.757	77	129020	3.083	ng	# 1
66) n-Nitrosodiphenylamine	15.657	169	473403	10.835	ng	# 53
71) Phenanthrene	17.186	178	432164	5.385	ng	# 90
72) Anthracene	17.274	178	228676	2.816	ng	# 85
75) Fluoranthene	19.203	202	901783	9.571	ng	97
78) Pyrene	19.568	202	1013570	9.825	ng	99
81) Benzo(a)anthracene	21.368	228	307472	3.039	ng	97
83) Chrysene	21.427	228	296040	3.162	ng	97
88) Benzo(b)fluoranthene	23.433	252	409503	4.001	ng	# 96
89) Benzo(k)fluoranthene	23.433	252	409503	3.956	ng	# 96
90) Benzo(a)pyrene	24.232	252	294894	3.076	ng	# 96
92) Benzo(g,h,i)perylene	28.803	276	194268	2.123	ng	97

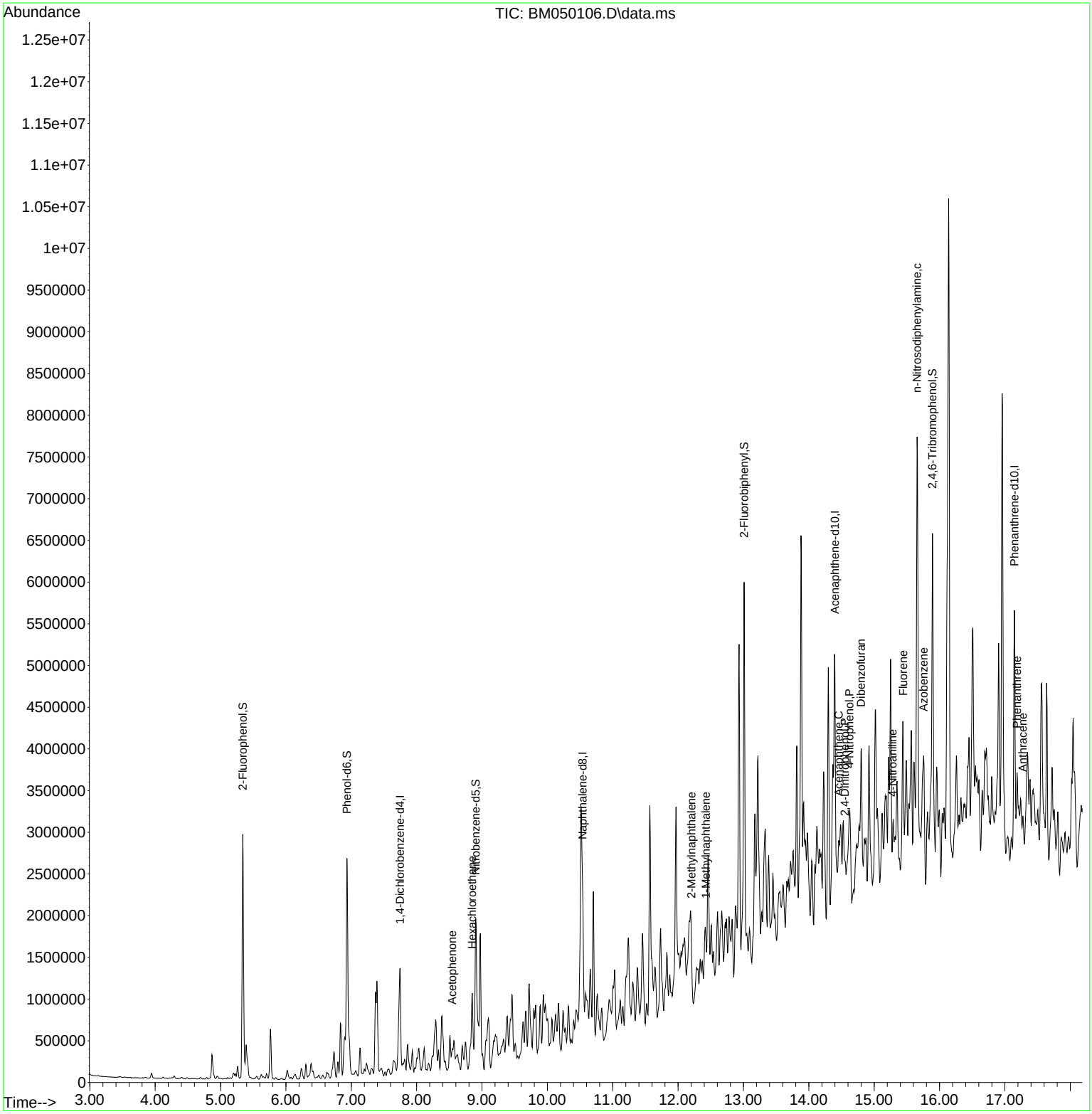
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

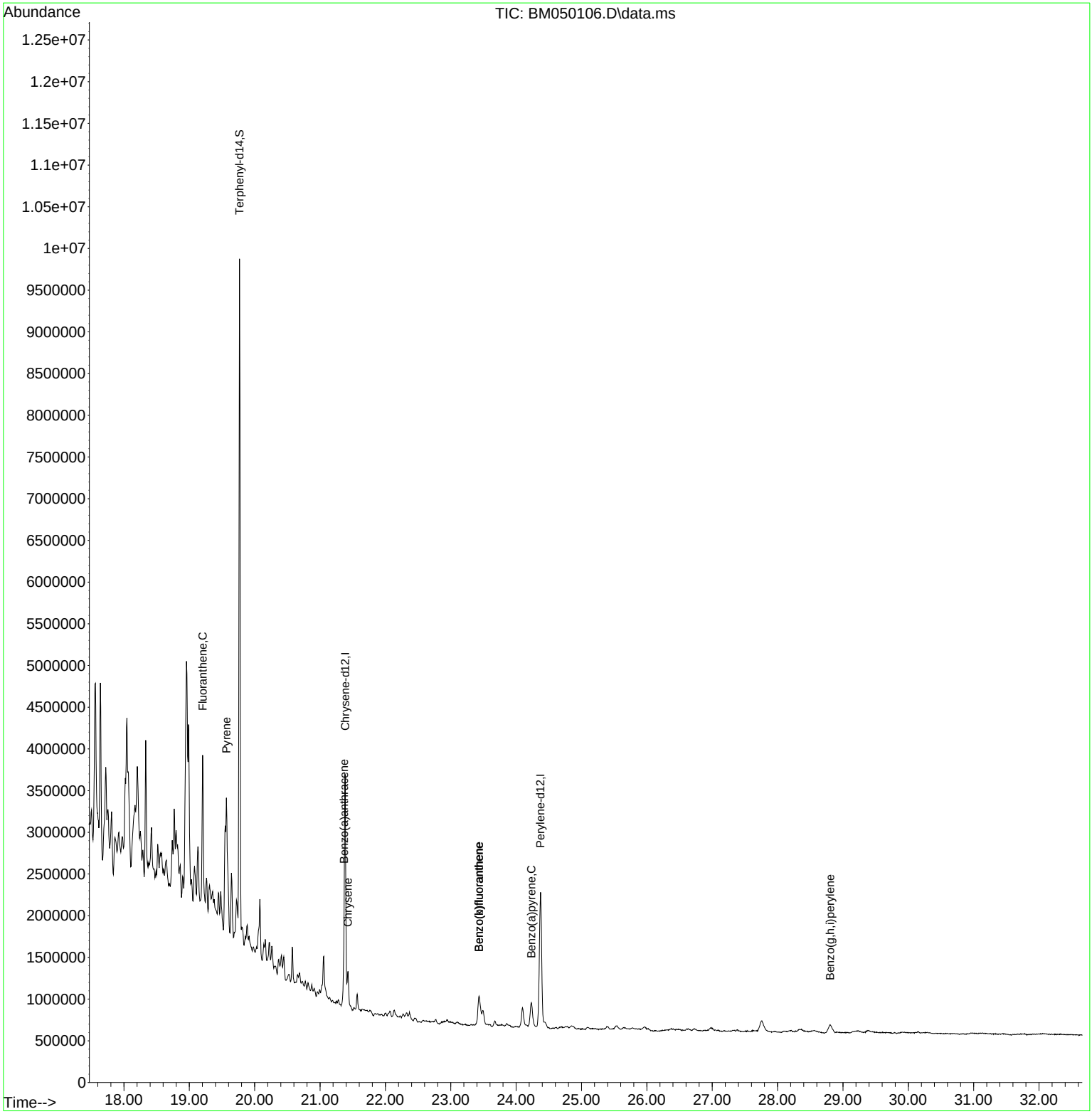
Quant Time: May 06 05:19:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

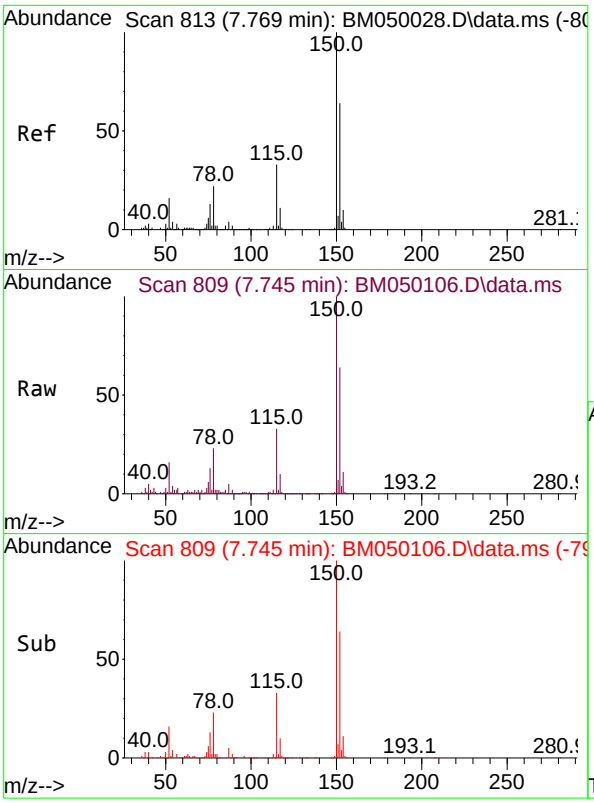


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

Quant Time: May 06 05:19:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



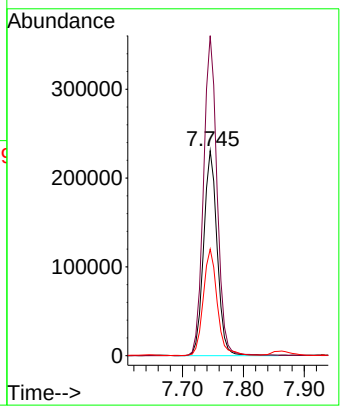


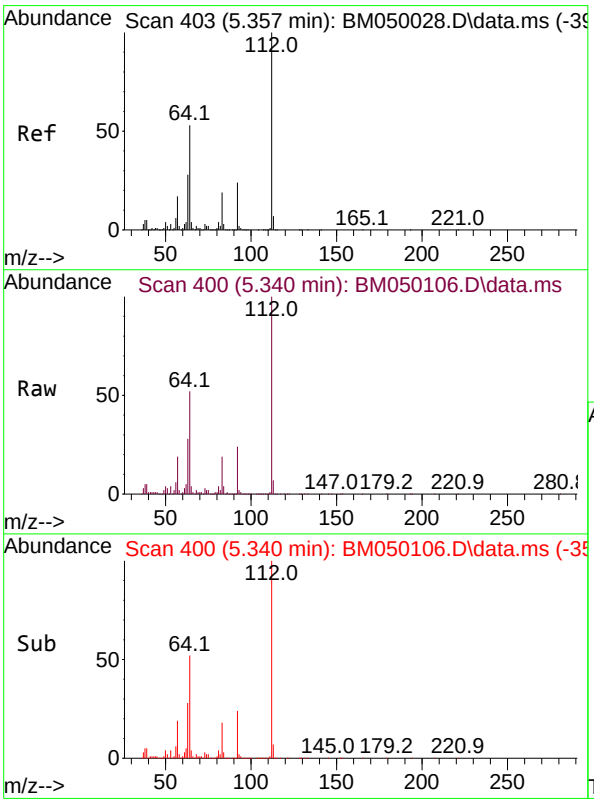
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:152 Resp: 357595

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.1	186.1
115	52.0	41.2	61.8

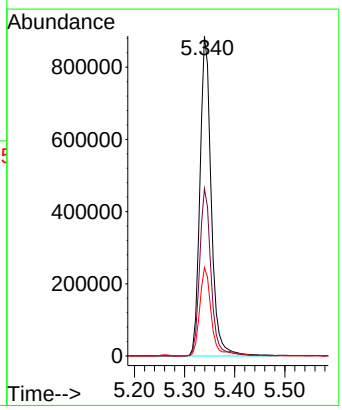


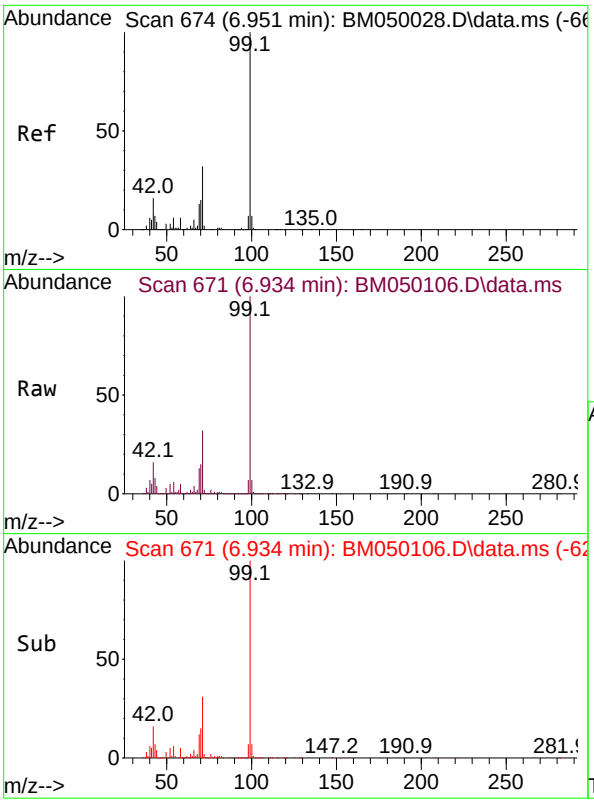


#5
2-Fluorophenol
Concen: 67.807 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:112 Resp: 1384727

Ion	Ratio	Lower	Upper
112	100		
64	52.3	42.6	64.0
63	27.6	22.2	33.4



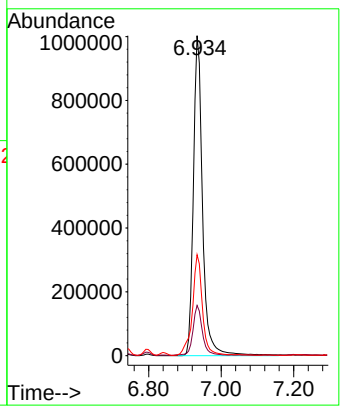


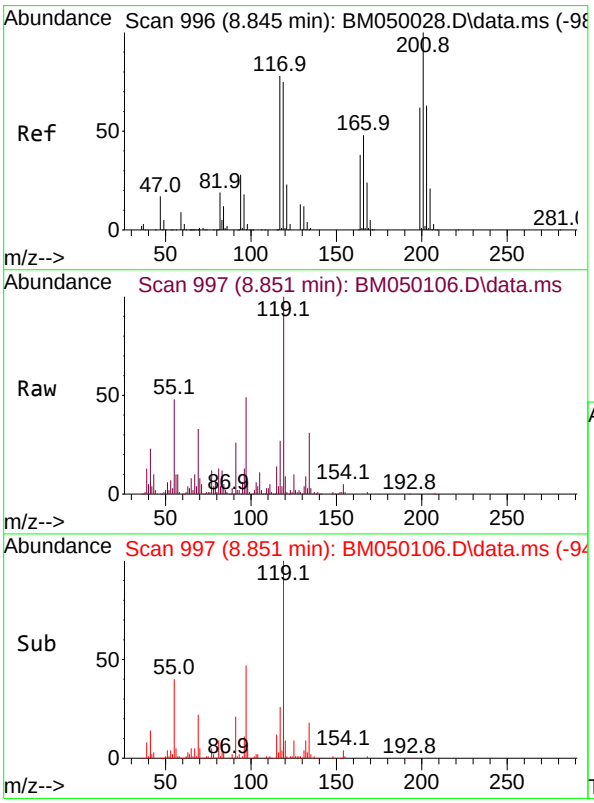
#7
Phenol-d6
Concen: 68.728 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion: 99 Resp: 1764062

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.0	19.4
71	31.5	25.6	38.4

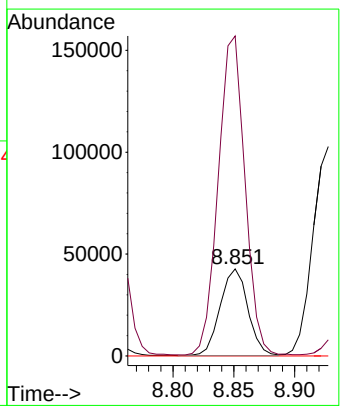


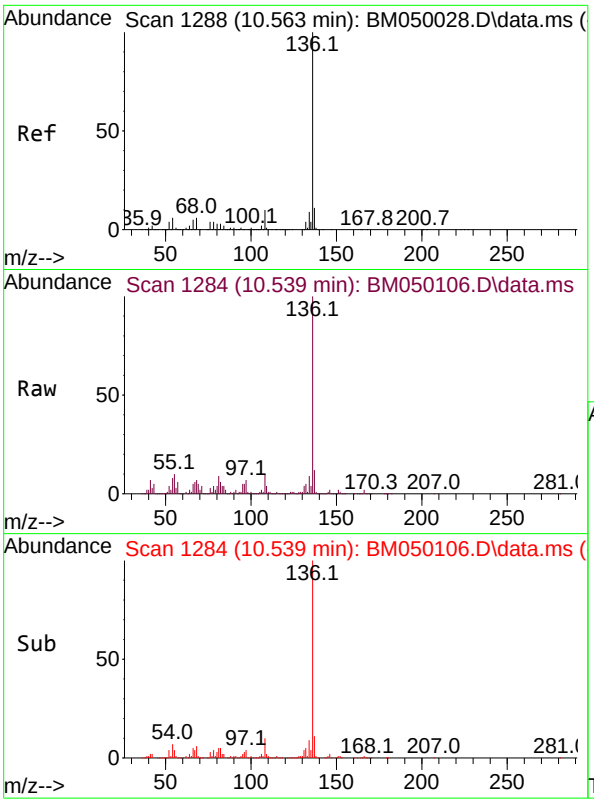


#18
Hexachloroethane
Concen: 7.073 ng
RT: 8.851 min Scan# 997
Delta R.T. 0.006 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:117 Resp: 67369

Ion	Ratio	Lower	Upper
117	100		
119	367.8	77.3	115.9#
201	0.0	102.8	154.2#



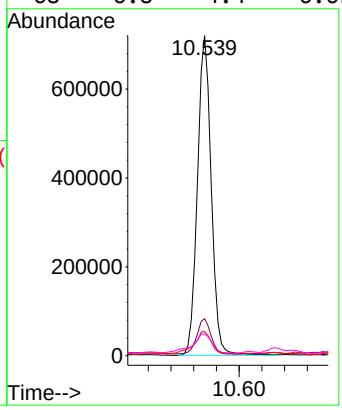


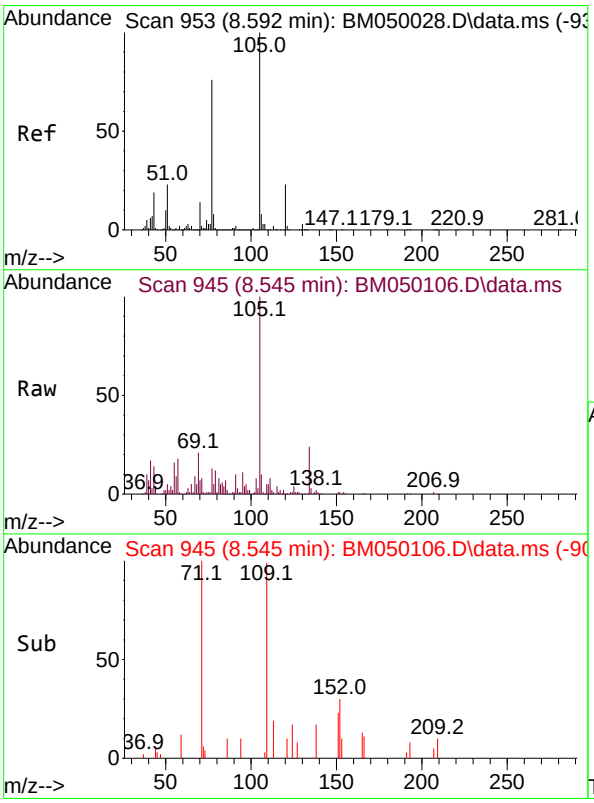
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:136 Resp: 1220331

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.5	5.1	7.7
68	6.8	4.4	6.6#

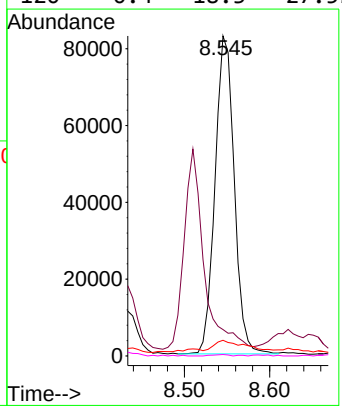


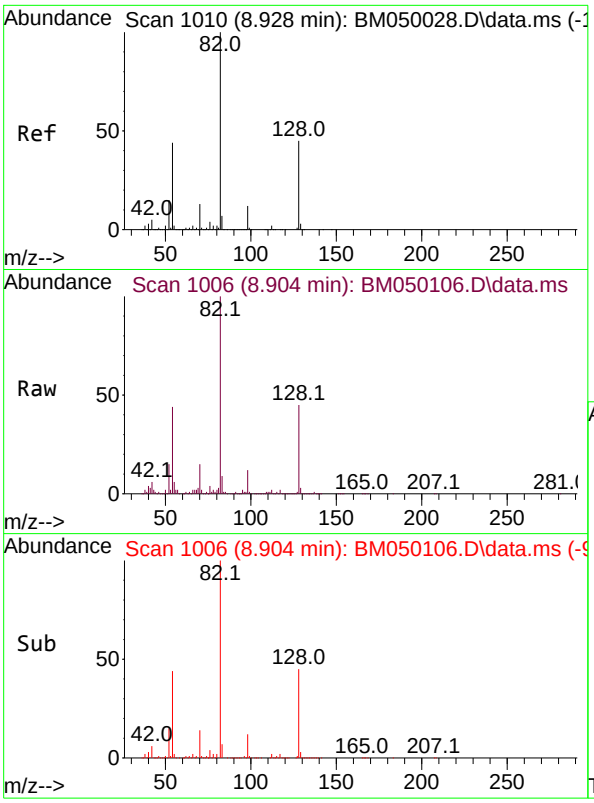


#22
Acetophenone
Concen: 4.275 ng
RT: 8.545 min Scan# 945
Delta R.T. -0.047 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:105 Resp: 129690

Ion	Ratio	Lower	Upper
105	100		
71	8.3	1.7	2.5#
51	4.9	18.6	27.8#
120	0.4	18.3	27.5#



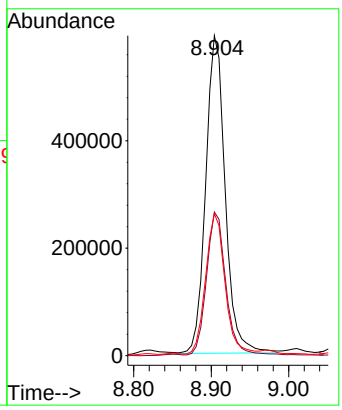


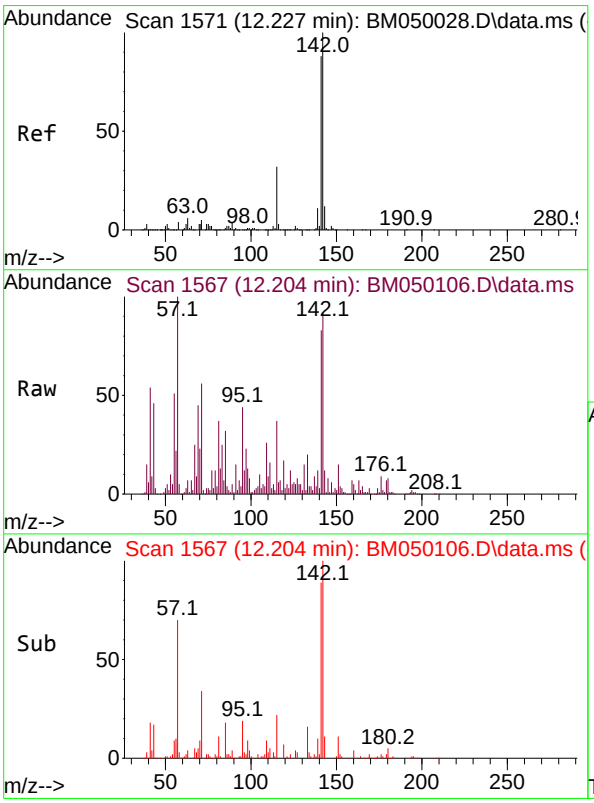
#23
Nitrobenzene-d5
Concen: 41.644 ng
RT: 8.904 min Scan# 1(
Delta R.T. -0.024 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion: 82 Resp: 1031314

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.7	53.5
54	44.4	35.4	53.2

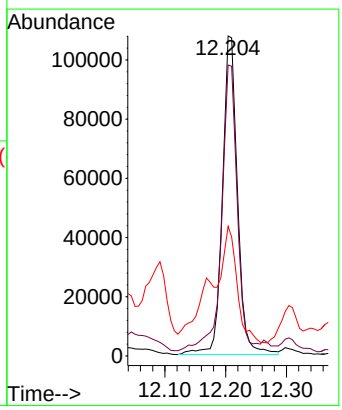


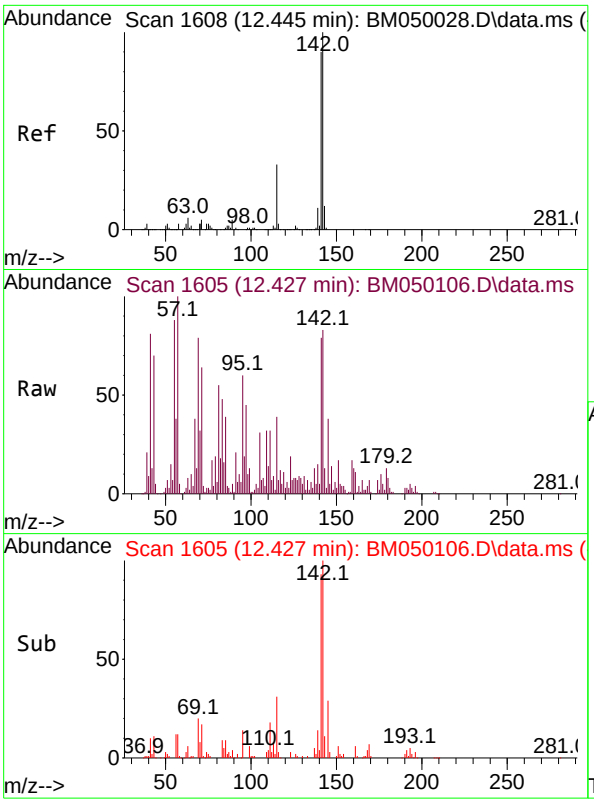


#37
2-Methylnaphthalene
Concen: 4.472 ng
RT: 12.204 min Scan# 1567
Delta R.T. -0.024 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:142 Resp: 185313

Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.4	105.6
115	40.5	25.4	38.2#



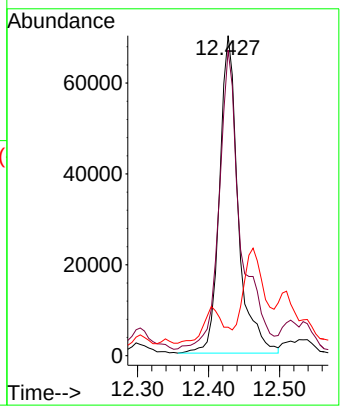


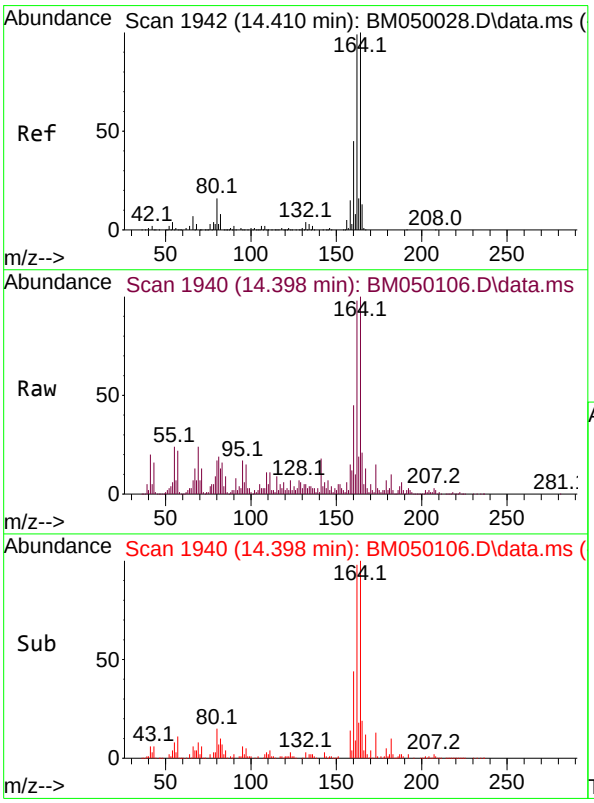
#38
1-Methylnaphthalene
Concen: 2.903 ng
RT: 12.427 min Scan# 1(
Delta R.T. -0.018 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:142 Resp: 127302

Ion	Ratio	Lower	Upper
142	100		
141	95.5	72.1	108.1
116	8.9	2.7	4.1#

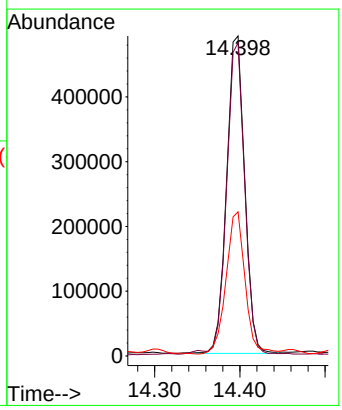


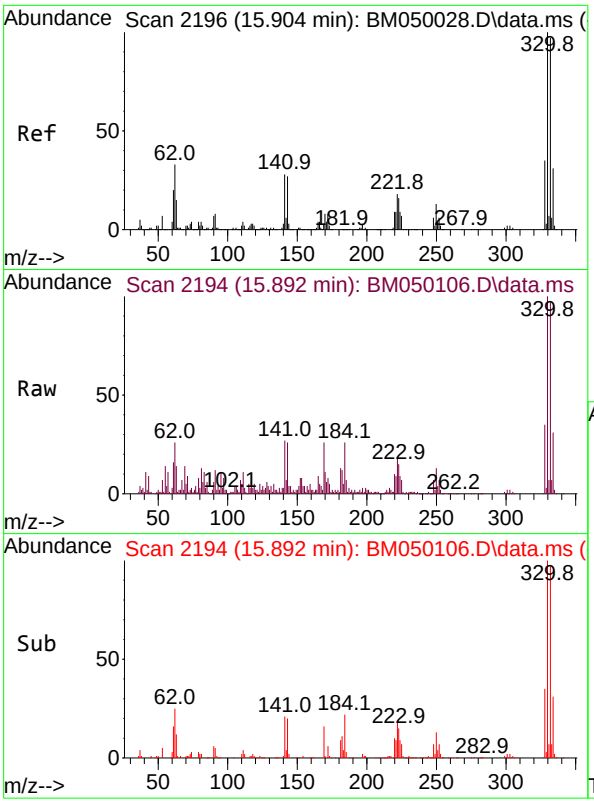


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. -0.012 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:164 Resp: 725121

Ion	Ratio	Lower	Upper
164	100		
162	97.9	79.4	119.0
160	45.0	36.2	54.4



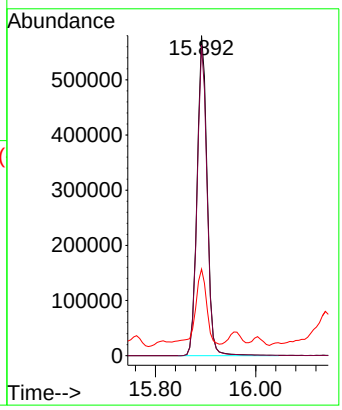


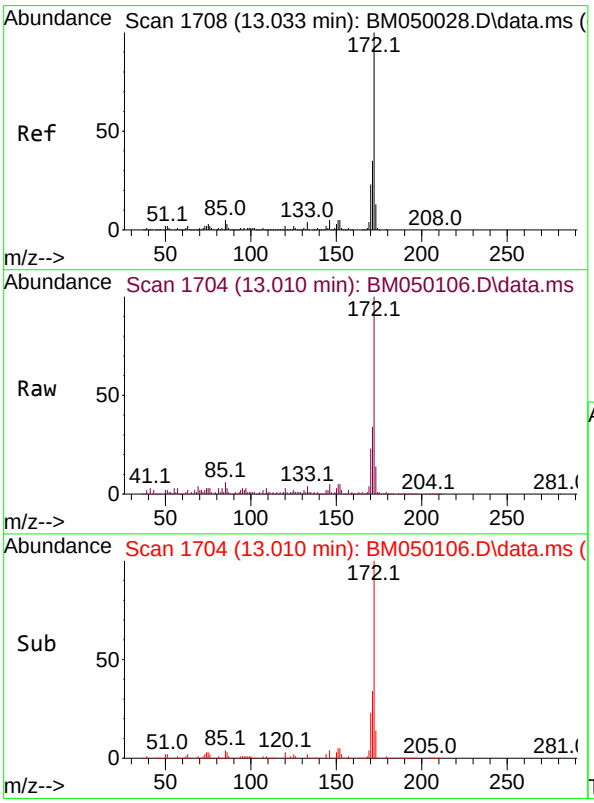
#42
2,4,6-Tribromophenol
Concen: 75.080 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:330 Resp: 804999

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	25.7	22.5	33.7

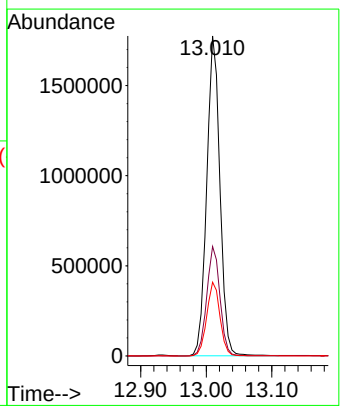


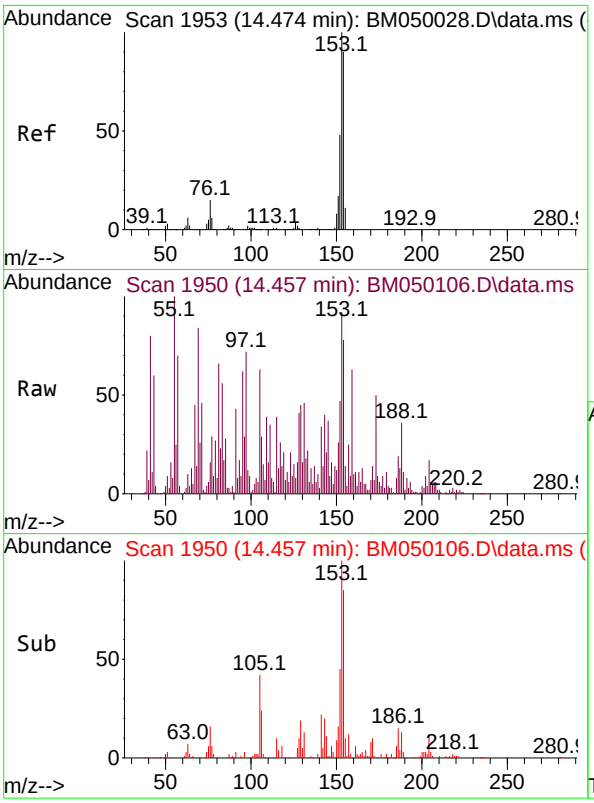


#45
2-Fluorobiphenyl
Concen: 40.511 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:172 Resp: 2483148

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.8	41.6
170	23.0	18.6	28.0



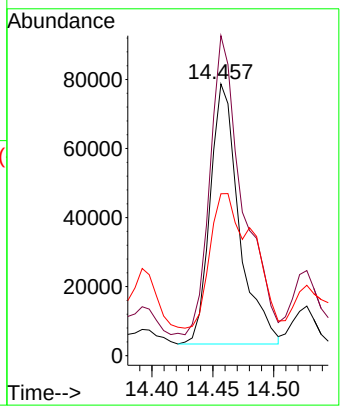


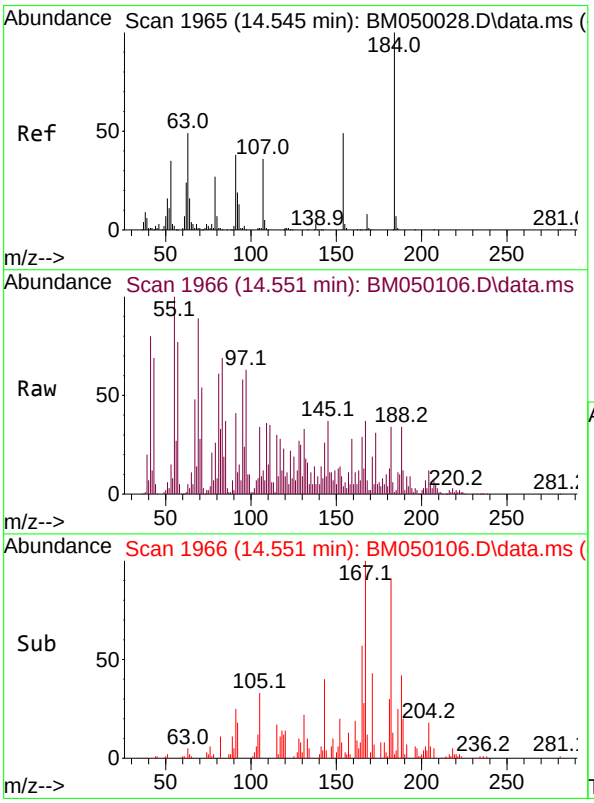
#52
Acenaphthene
Concen: 3.203 ng
RT: 14.457 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:154 Resp: 124795

Ion	Ratio	Lower	Upper
154	100		
153	117.8	89.0	133.4
152	59.6	43.0	64.6

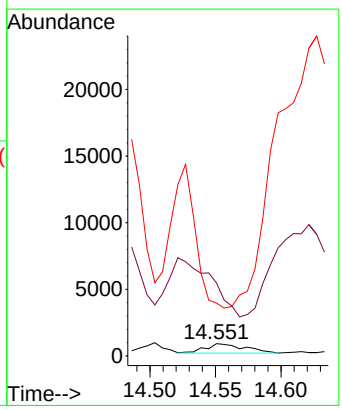


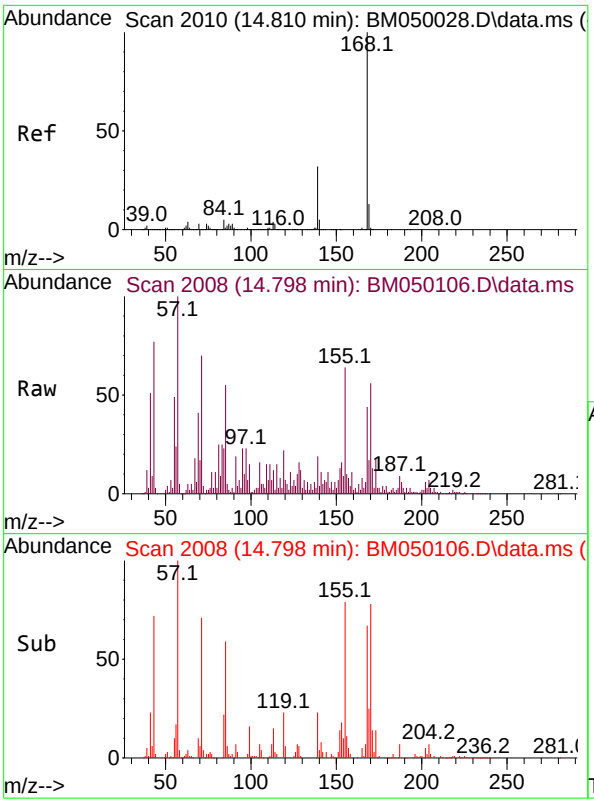


#54
2,4-Dinitrophenol
Concen: 5.937 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.006 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:184 Resp: 1468

Ion	Ratio	Lower	Upper
184	100		
63	591.1	39.8	59.6#
154	427.9	46.1	69.1#



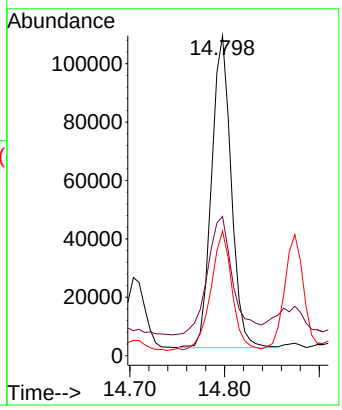


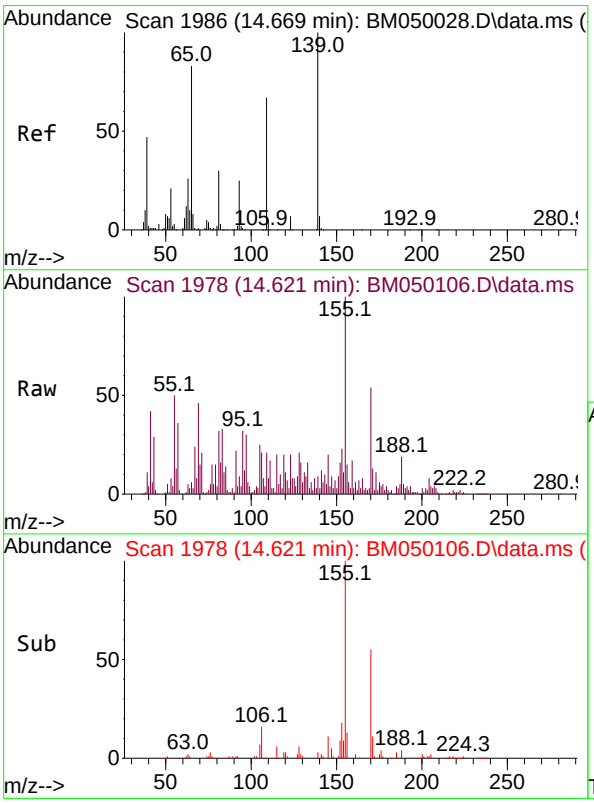
#55
Dibenzofuran
Concen: 2.370 ng
RT: 14.798 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:168 Resp: 153650

Ion	Ratio	Lower	Upper
168	100		
139	43.6	26.1	39.1#
169	38.9	10.8	16.2#

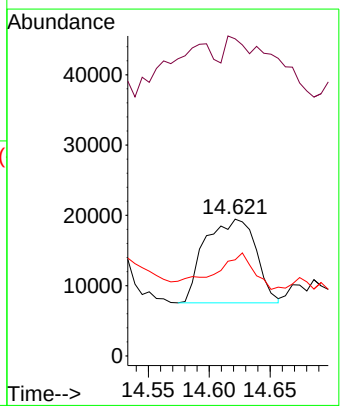


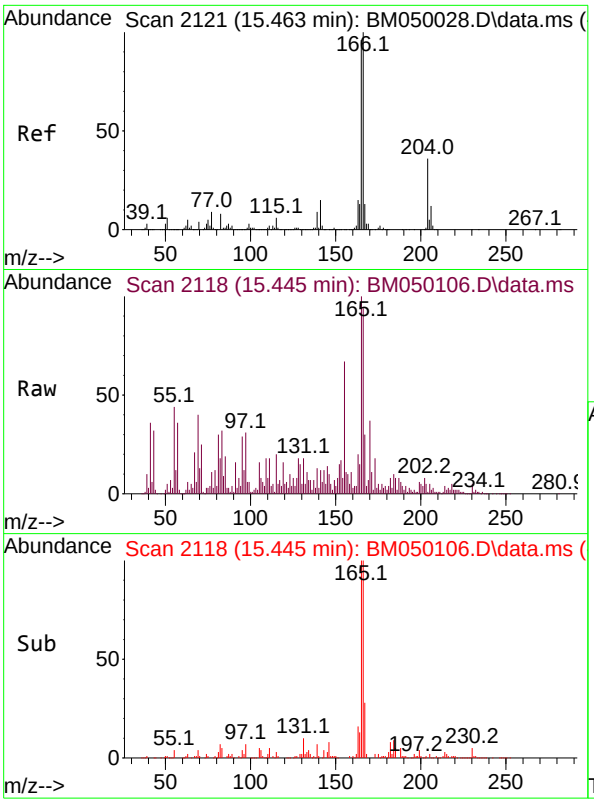


#56
4-Nitrophenol
Concen: 8.370 ng
RT: 14.621 min Scan# 1978
Delta R.T. -0.048 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:139 Resp: 34657

Ion	Ratio	Lower	Upper
139	100		
109	231.7	47.0	87.0#
65	70.3	64.3	104.3



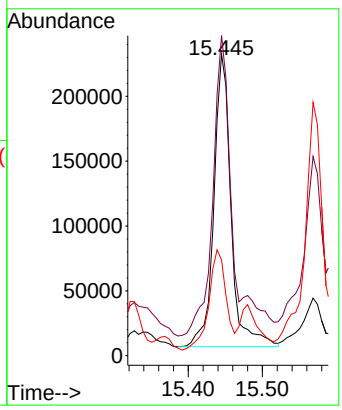


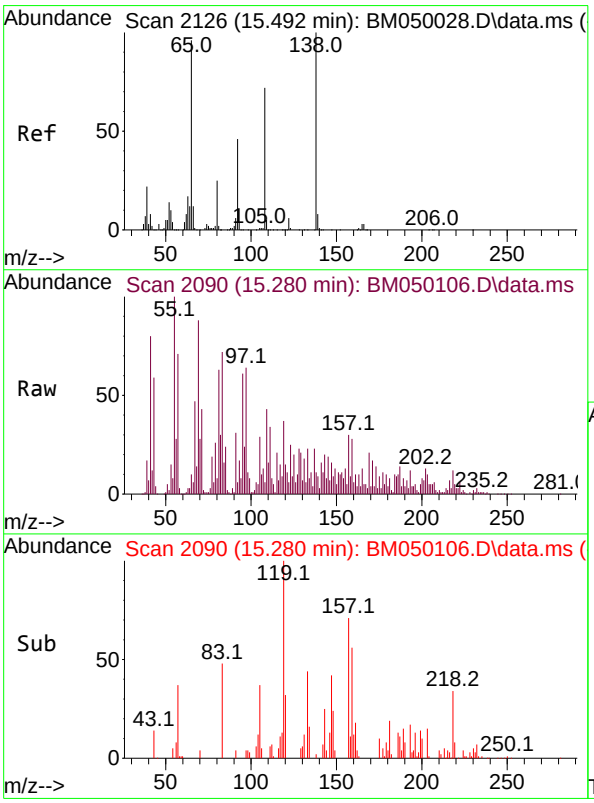
#58
Fluorene
Concen: 6.837 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:166 Resp: 362788

Ion	Ratio	Lower	Upper
166	100		
165	106.2	76.6	115.0
167	31.7	10.6	16.0#

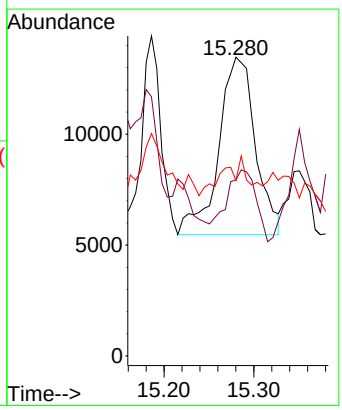


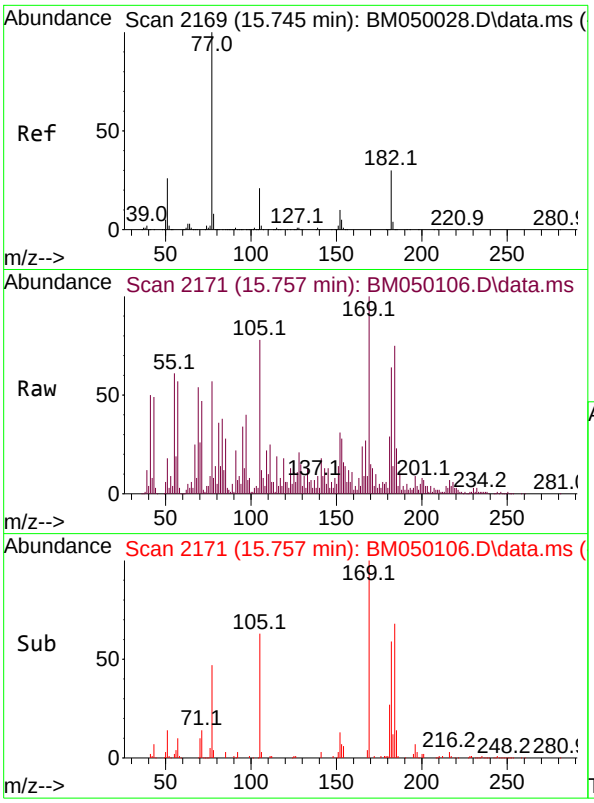


#62
4-Nitroaniline
Concen: 2.253 ng
RT: 15.280 min Scan# 2090
Delta R.T. -0.212 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:138 Resp: 22765

Ion	Ratio	Lower	Upper
138	100		
92	59.0	25.9	65.9
108	58.8	52.4	92.4



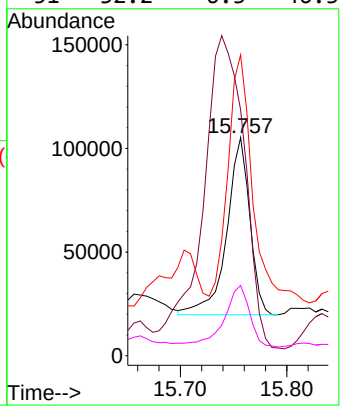


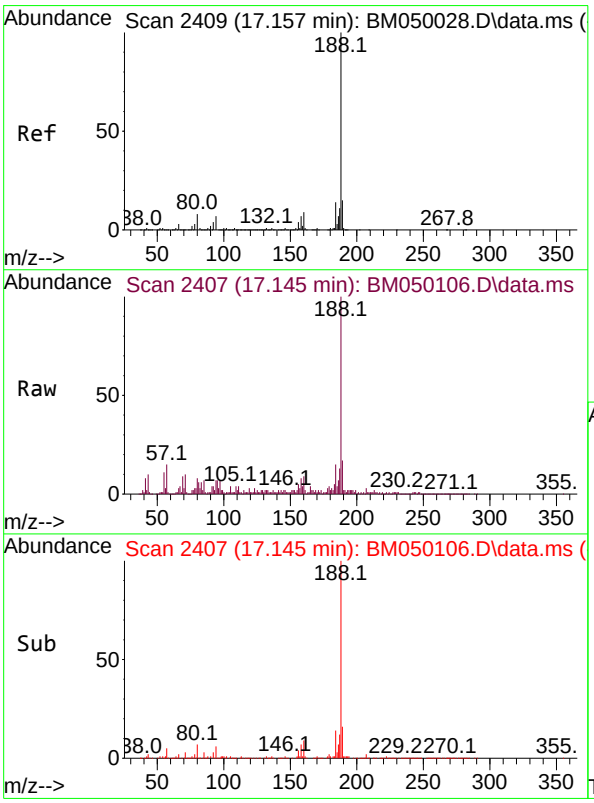
#63
Azobenzene
Concen: 3.083 ng
RT: 15.757 min Scan# 21
Delta R.T. 0.012 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion: 77 Resp: 129020

Ion	Ratio	Lower	Upper
77	100		
182	112.8	10.5	50.5#
105	137.9	1.1	41.1#
51	32.2	6.3	46.3

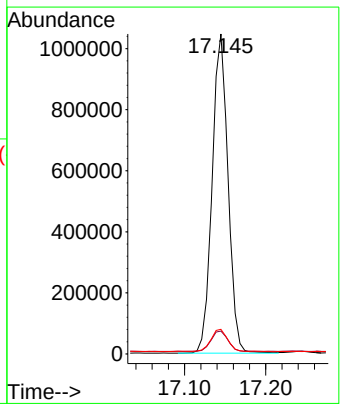


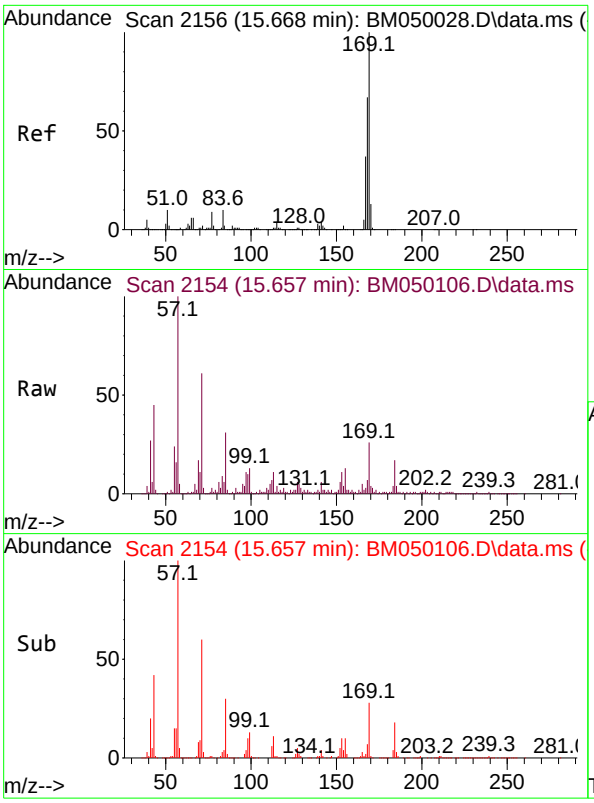


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:188 Resp: 1422912

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.7	8.5
80	7.7	6.2	9.4



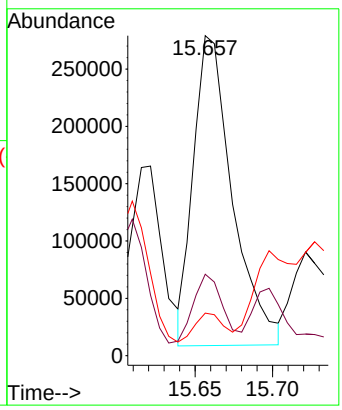


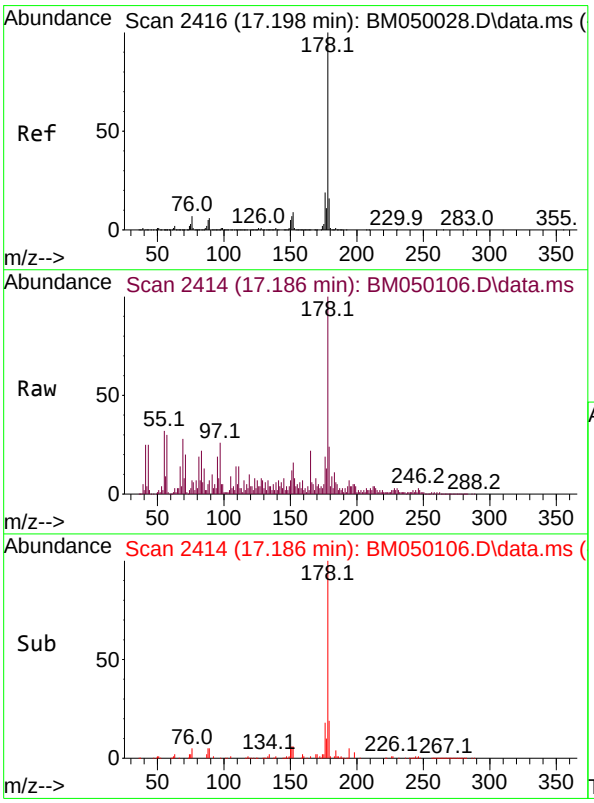
#66
n-Nitrosodiphenylamine
Concen: 10.835 ng
RT: 15.657 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:169 Resp: 473403

Ion	Ratio	Lower	Upper
169	100		
168	25.5	53.4	80.2#
167	13.3	29.4	44.0#

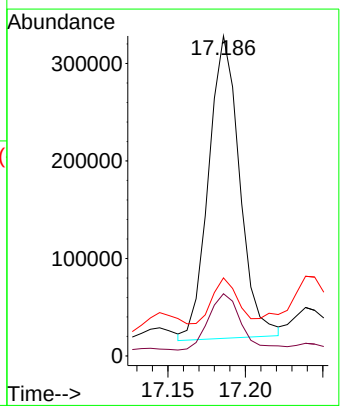


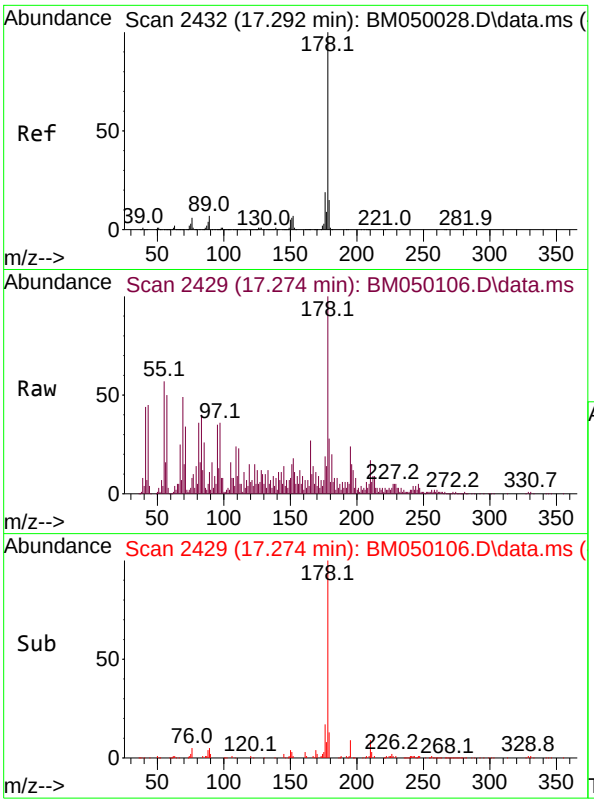


#71
Phenanthrene
Concen: 5.385 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:178 Resp: 432164

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	24.4	12.4	18.6#



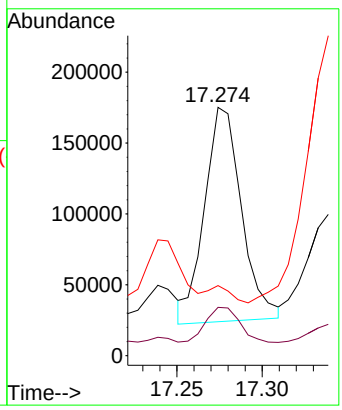


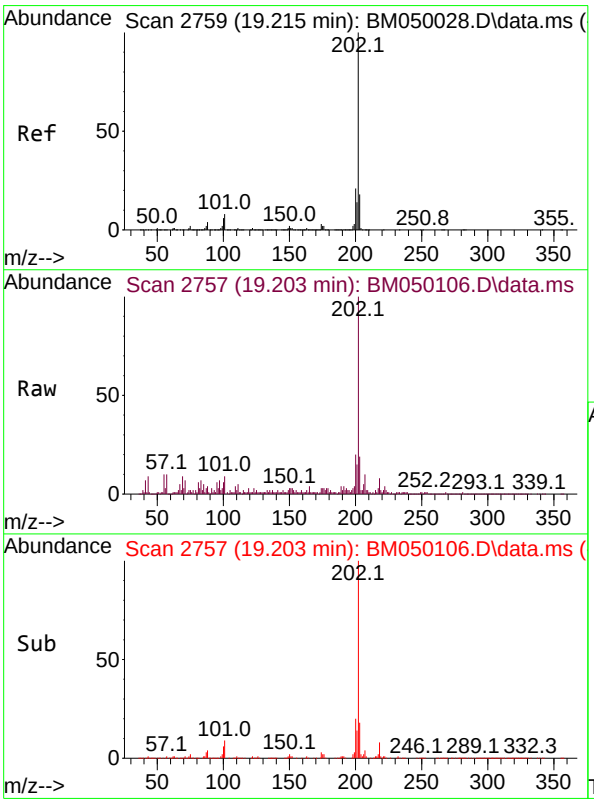
#72
Anthracene
Concen: 2.816 ng
RT: 17.274 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:178 Resp: 228676

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.0	22.4
179	28.2	12.2	18.4#

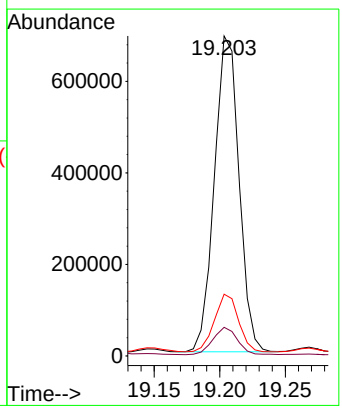


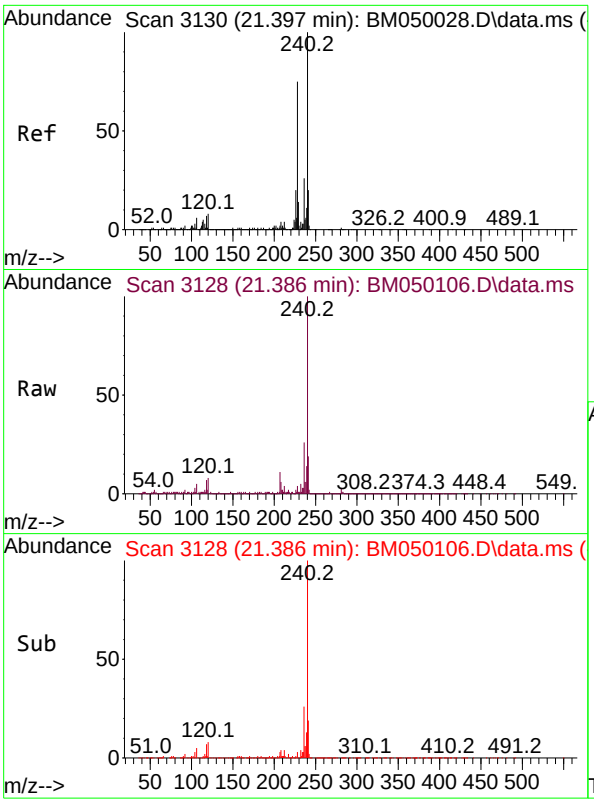


#75
Fluoranthene
Concen: 9.571 ng
RT: 19.203 min Scan# 2757
Delta R.T. -0.012 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:202 Resp: 901783

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	28.0
203	19.3	0.0	37.7



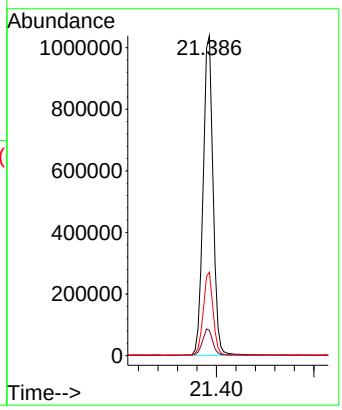


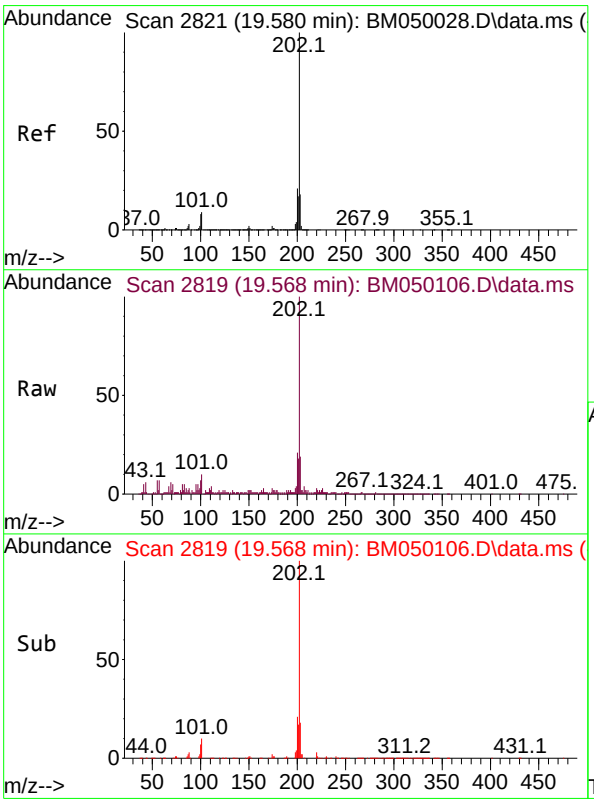
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:240 Resp: 1469025

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.5	9.7
236	26.1	20.9	31.3

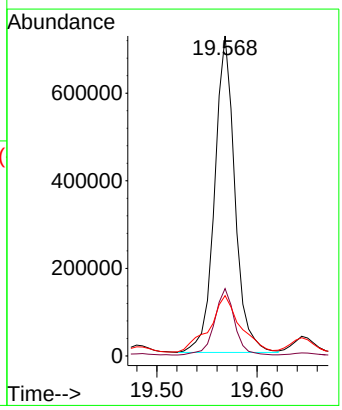


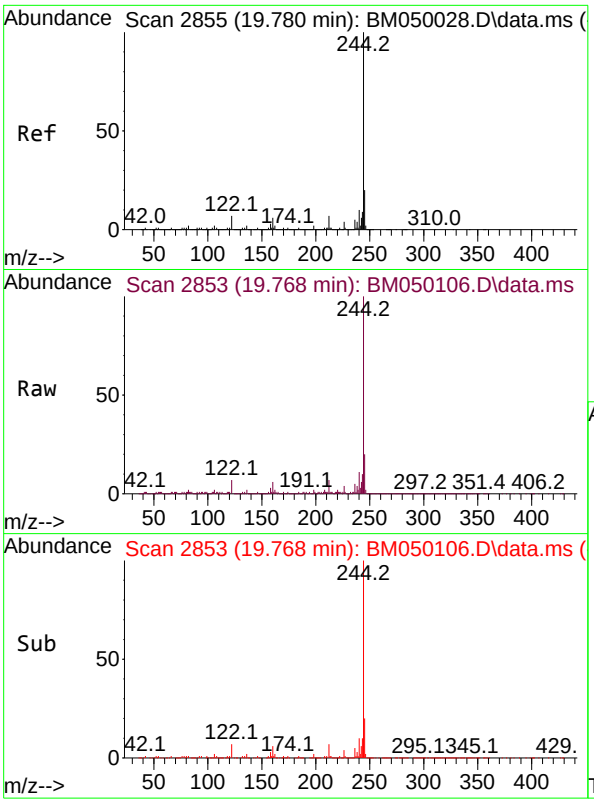


#78
Pyrene
Concen: 9.825 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:202 Resp: 1013570

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	18.9	14.1	21.1



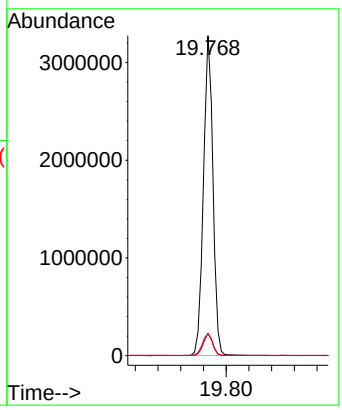


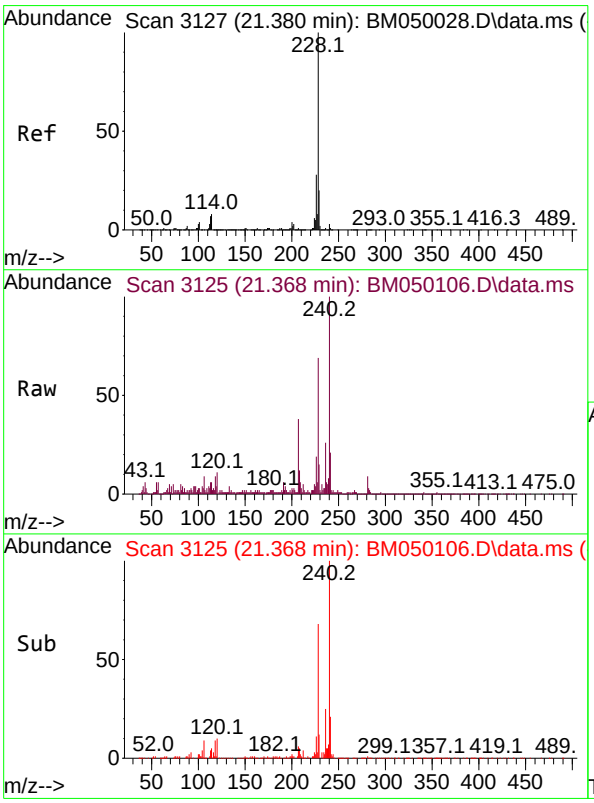
#79
Terphenyl-d14
Concen: 38.074 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:244 Resp: 3779793

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	6.9	5.6	8.4

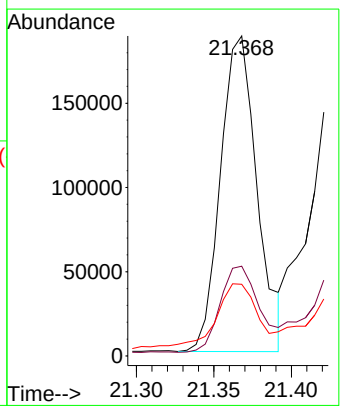


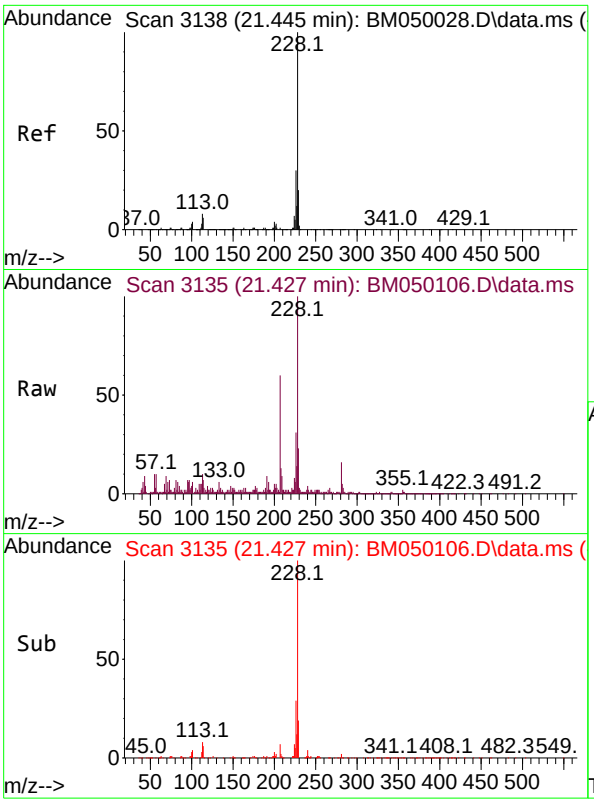


#81
Benzo(a)anthracene
Concen: 3.039 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:228 Resp: 307472

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	22.4	15.7	23.5



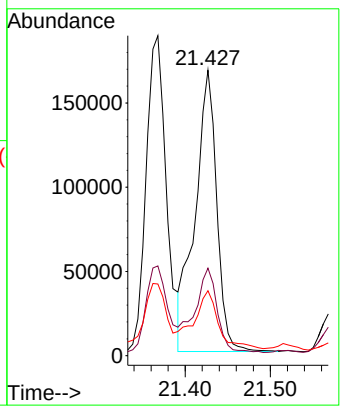


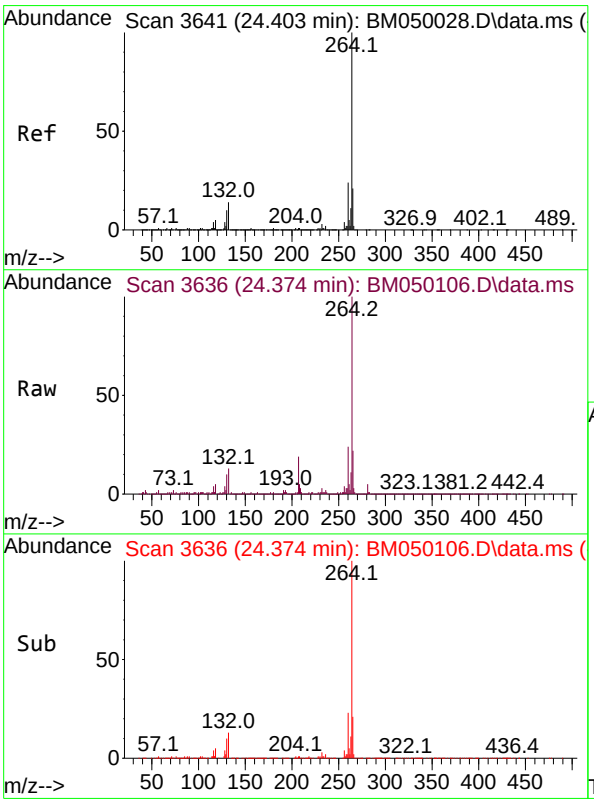
#83
Chrysene
Concen: 3.162 ng
RT: 21.427 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:228 Resp: 296040

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	22.8	15.7	23.5

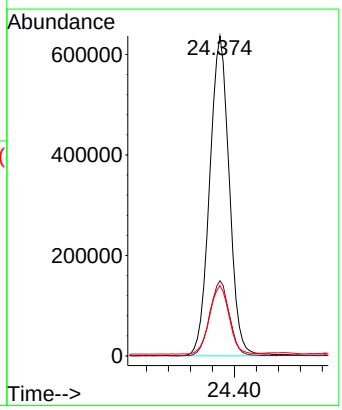


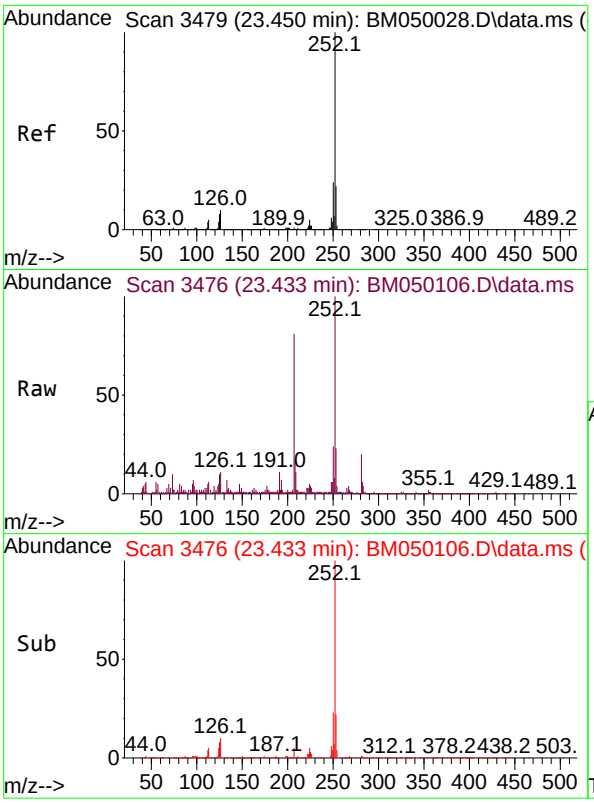


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.030 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:264 Resp: 1573716

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	22.0	17.0	25.4



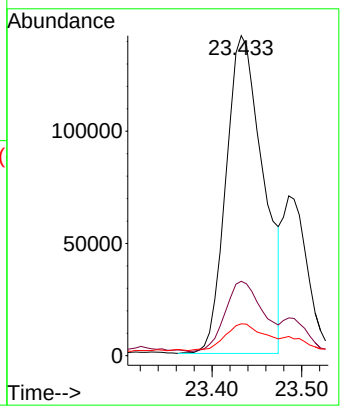


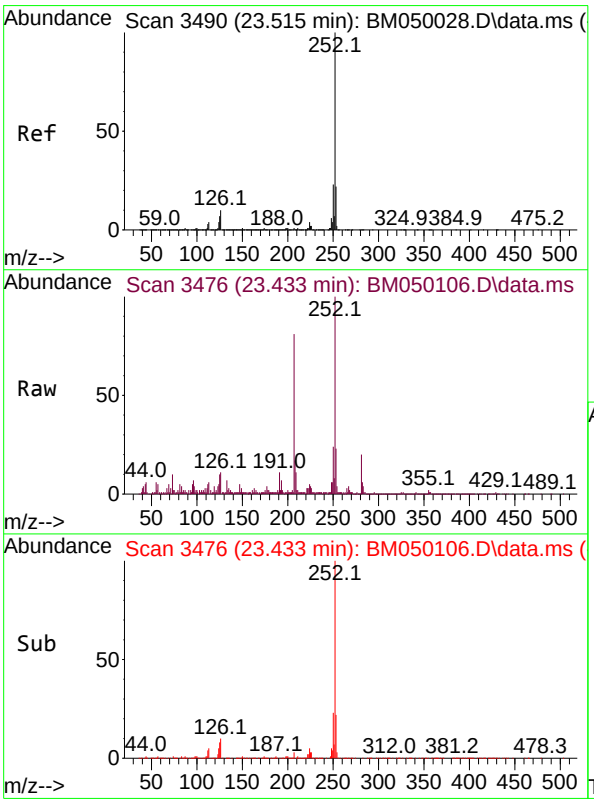
#88
Benzo(b)fluoranthene
Concen: 4.001 ng
RT: 23.433 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:252 Resp: 409503

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	10.0	6.1	9.1#

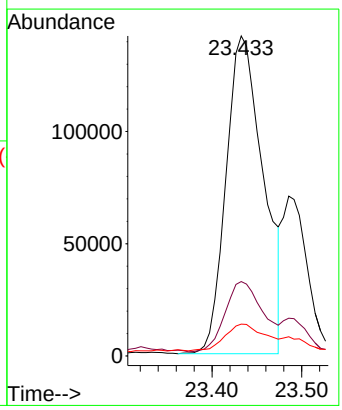


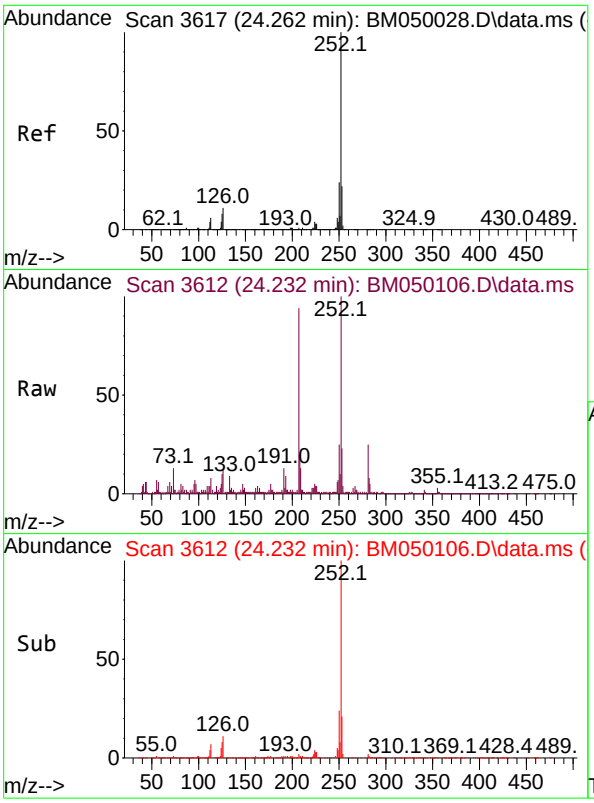


#89
Benzo(k)fluoranthene
Concen: 3.956 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.082 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:252 Resp: 409503

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	10.0	5.8	8.8#



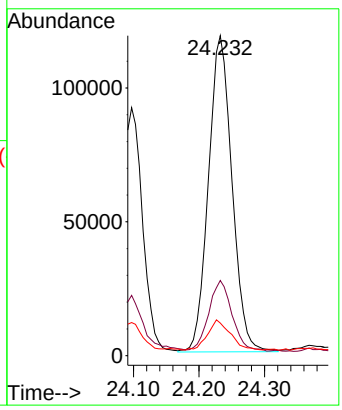


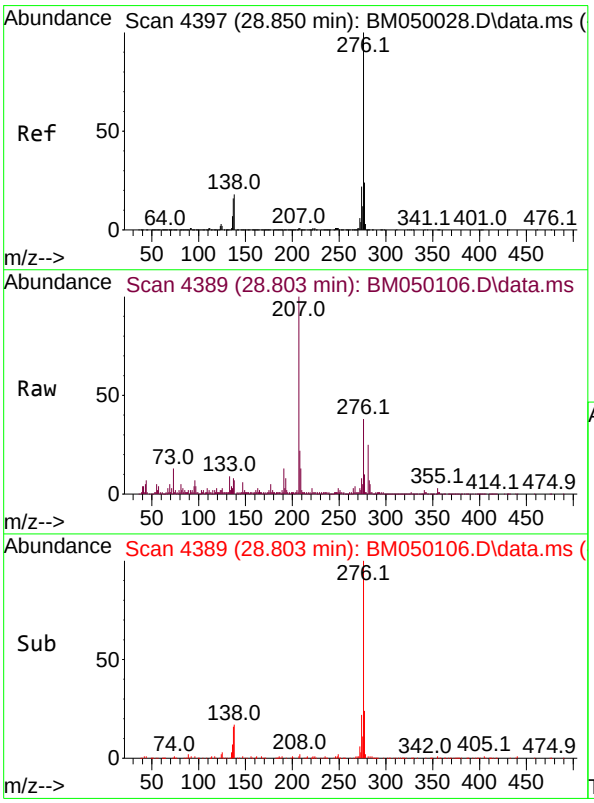
#90
Benzo(a)pyrene
Concen: 3.076 ng
RT: 24.232 min Scan# 3
Delta R.T. -0.030 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:252 Resp: 294894

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	10.2	6.6	9.8#





#92
Benzo(g,h,i)perylene
Concen: 2.123 ng
RT: 28.803 min Scan# 4389
Delta R.T. -0.047 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:276 Resp: 194268

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.1	28.7
138	19.0	14.3	21.5