Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050153.D
Acq On : 08 May 2025 19:17
Operator : RC/JU
Sample : Q1972-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-B-1

Quant Time: May 09 01:55:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	286619	20.000	ng	-0.03
21) Naphthalene-d8	10.533	136	1023064	20.000	ng	-0.03
39) Acenaphthene-d10	14.392	164	688894	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1408479	20.000	ng	-0.02
76) Chrysene-d12	21.380	240	1383066	20.000	ng	-0.02
86) Perylene-d12	24.374	264	1398074	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1190786	72.750	ng	-0.02
7) Phenol-d6	6.934	99	1513048	73.546	ng	-0.02
23) Nitrobenzene-d5	8.904	82	864860	41.656	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	729308	71.598	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	2114571	36.312	ng	-0.03
79) Terphenyl-d14	19.762	244	3309090	35.404	ng	-0.02
Target Compounds						Qvalue
56) 4-Nitrophenol	14.686	139	58	4.540	ng	# 1
75) Fluoranthene	19.204	202	357960	3.838	ng	98
78) Pyrene	19.568	202	356950	3.675	ng	98
81) Benzo(a)anthracene	21.362	228	203447	2.136	ng	98
83) Chrysene	21.421	228	197598	2.242	ng	96
87) Indeno(1,2,3-cd)pyrene	27.756	276	221019	2.122	ng	98
88) Benzo(b)fluoranthene	23.433	252	362093	3.983	ng	# 93
89) Benzo(k)fluoranthene	23.433	252	362093	3.937	ng	# 92
90) Benzo(a)pyrene	24.233	252	296371	3.480	ng	# 95
92) Benzo(g,h,i)perylene	28.815	276	232260	2.857	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
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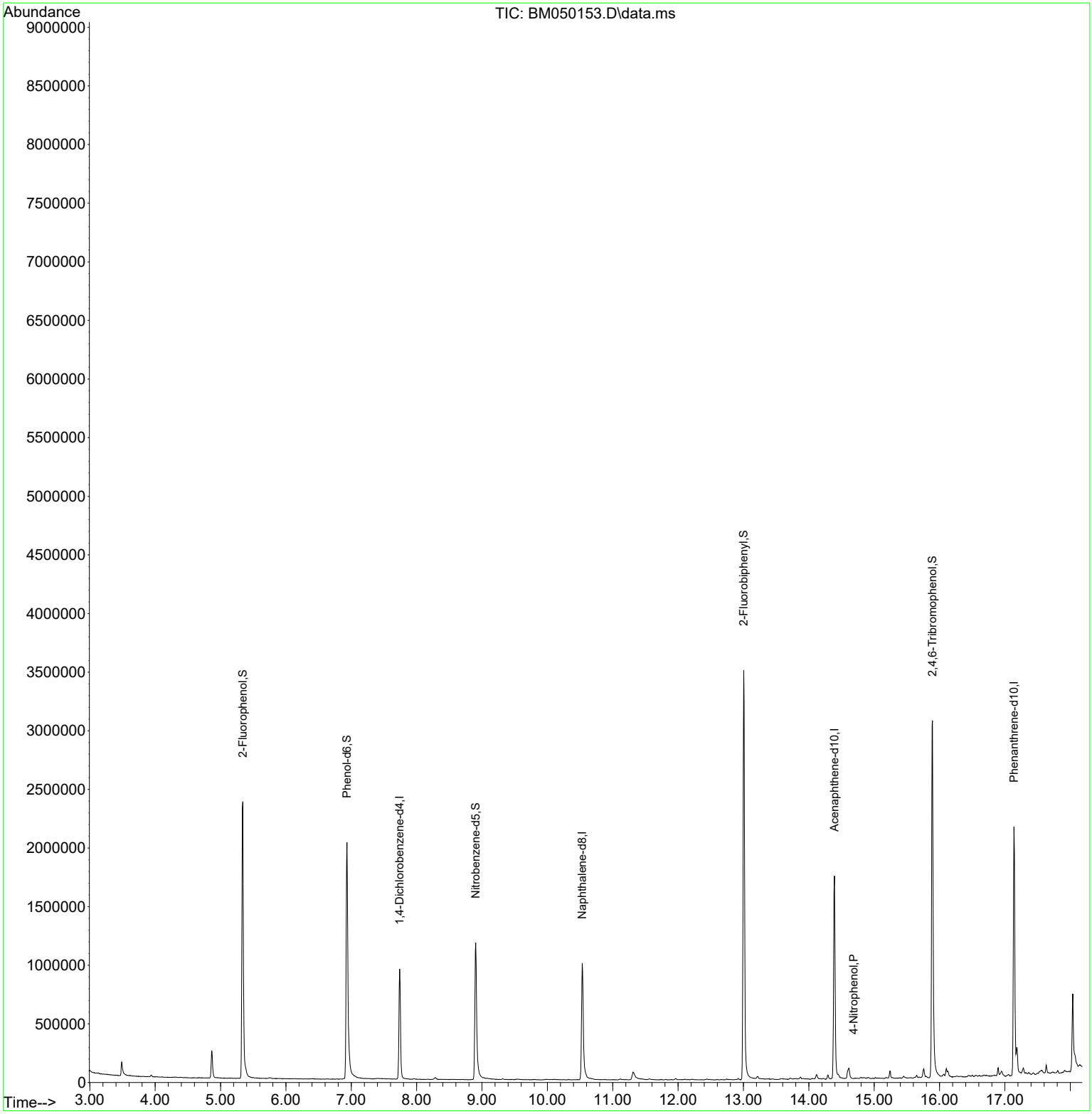
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-B-1

Quant Time: May 09 01:55:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050153.D
Acq On : 08 May 2025 19:17
Operator : RC/JU
Sample : Q1972-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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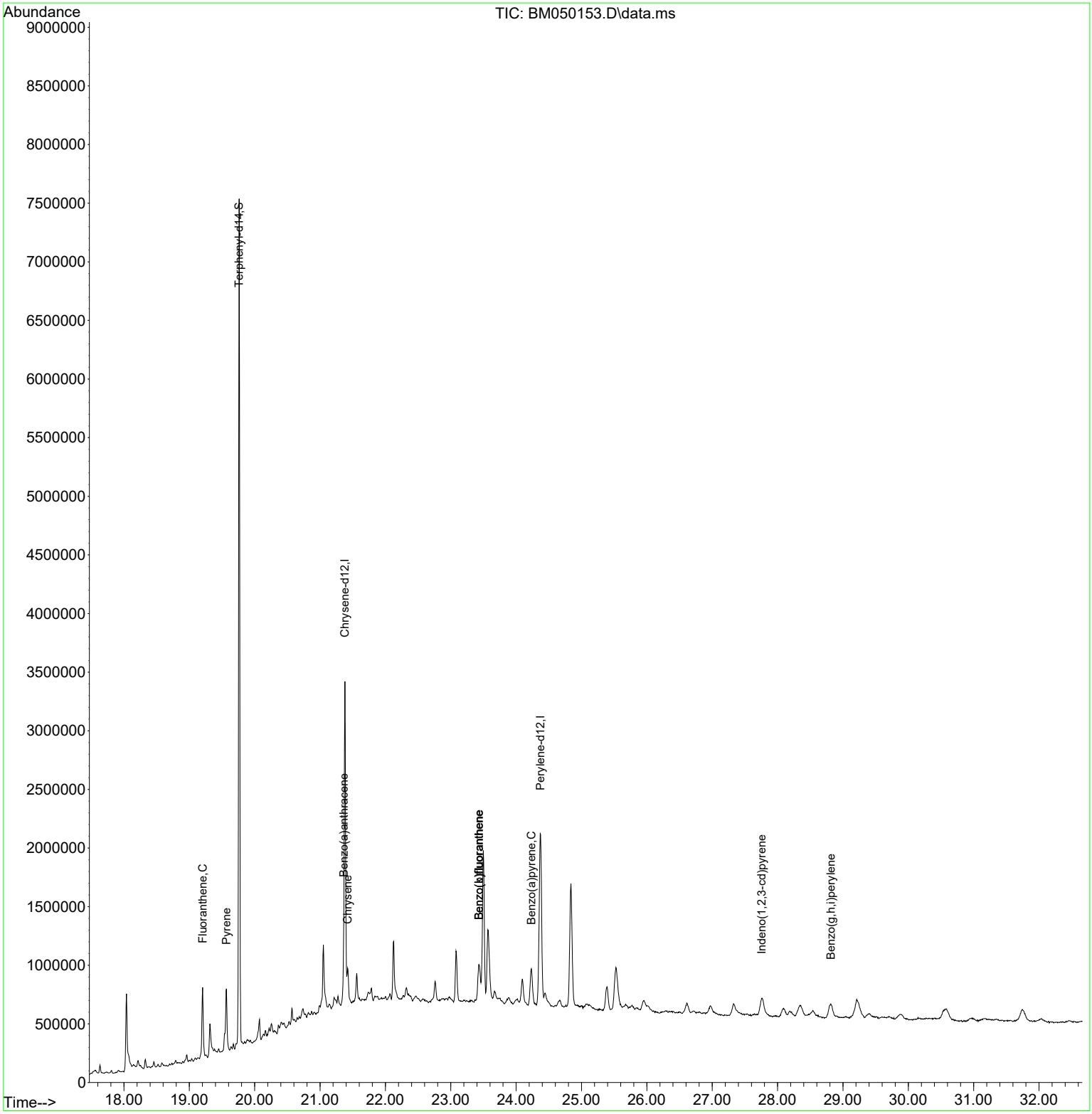
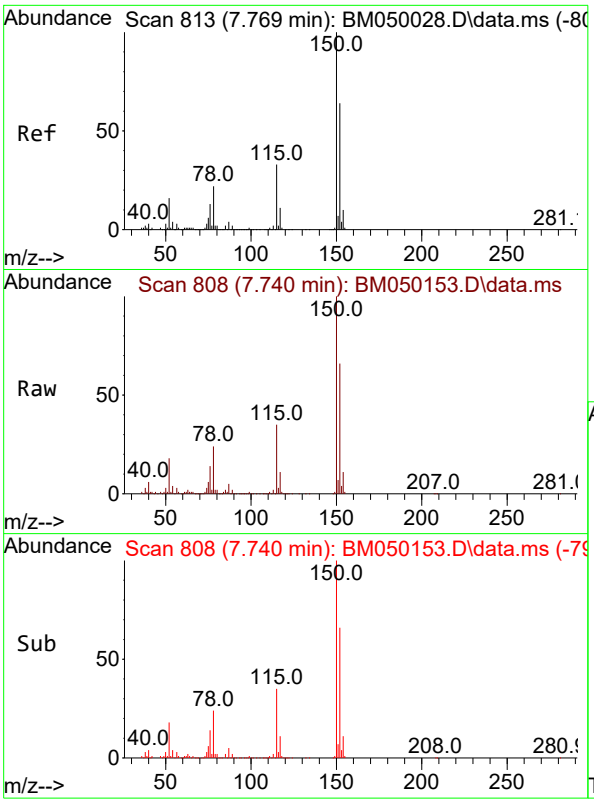
Quant Time: May 09 01:55:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration



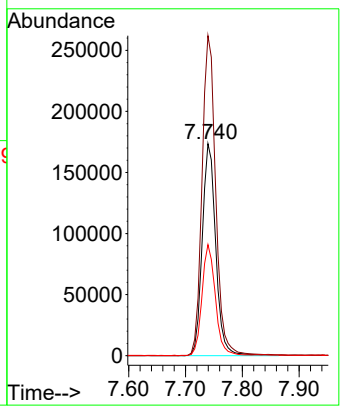


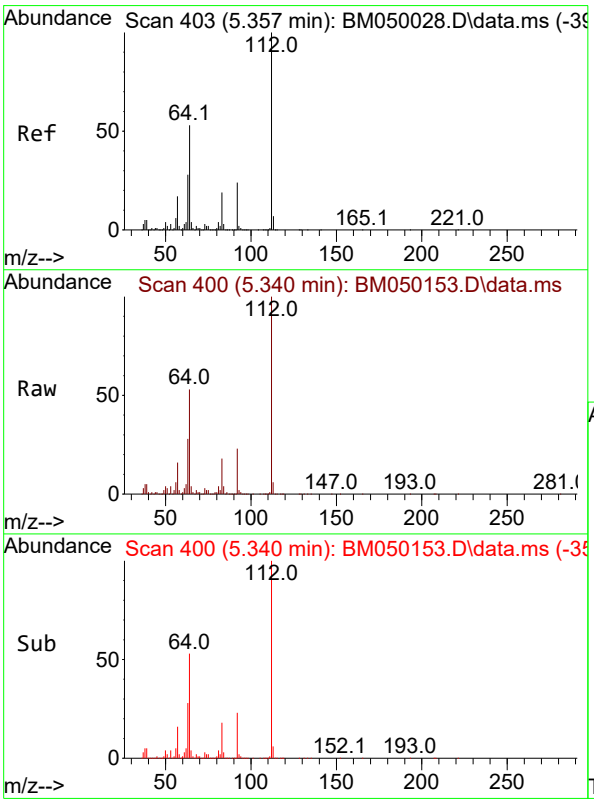
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.029 min
Lab File: BM050153.D
Acq: 08 May 2025 19:17

Instrument :
BNA_M
ClientSampleId :
WC-B-1

Tgt Ion:152 Resp: 286619

Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.1	186.1
115	52.3	41.2	61.8

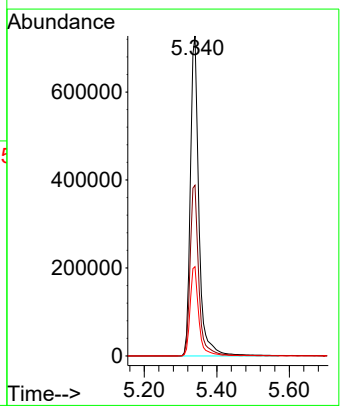


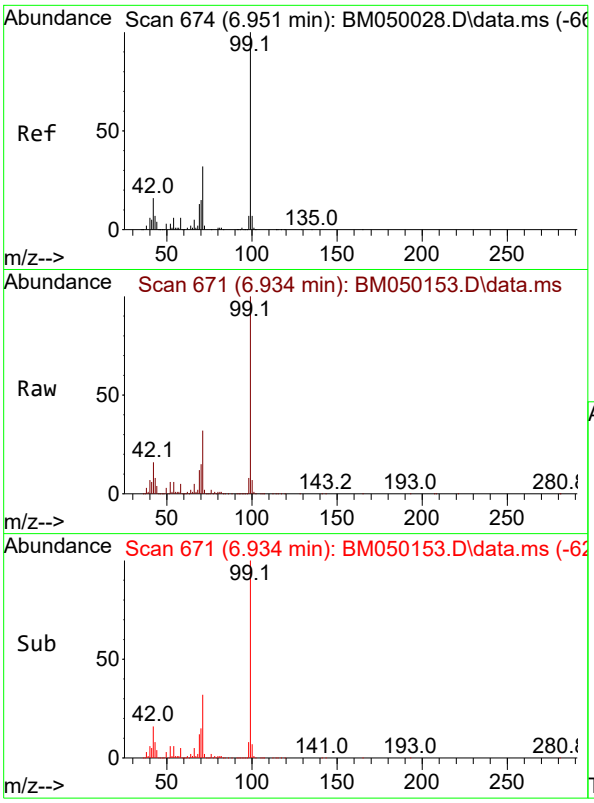


#5
2-Fluorophenol
Concen: 72.750 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050153.D
Acq: 08 May 2025 19:17

Tgt Ion:112 Resp: 1190786

Ion	Ratio	Lower	Upper
112	100		
64	53.3	42.6	64.0
63	27.9	22.2	33.4



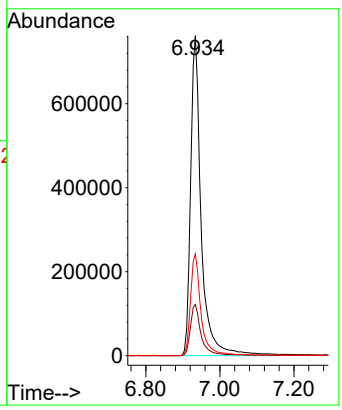


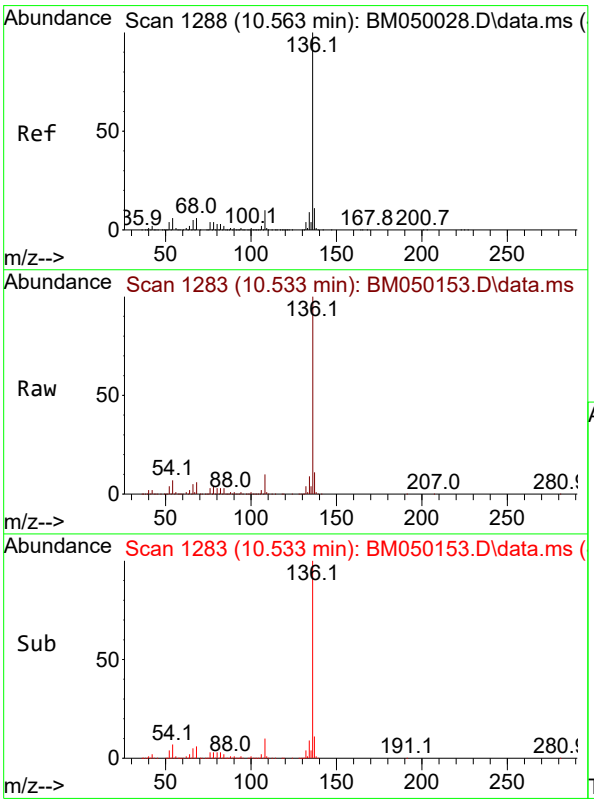
#7
Phenol-d6
Concen: 73.546 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050153.D
Acq: 08 May 2025 19:17

Instrument :
BNA_M
ClientSampleId :
WC-B-1

Tgt Ion: 99 Resp: 1513048

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.0	19.4
71	31.8	25.6	38.4

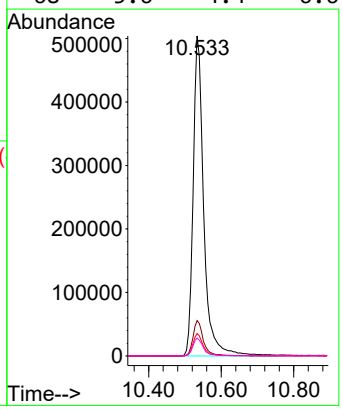


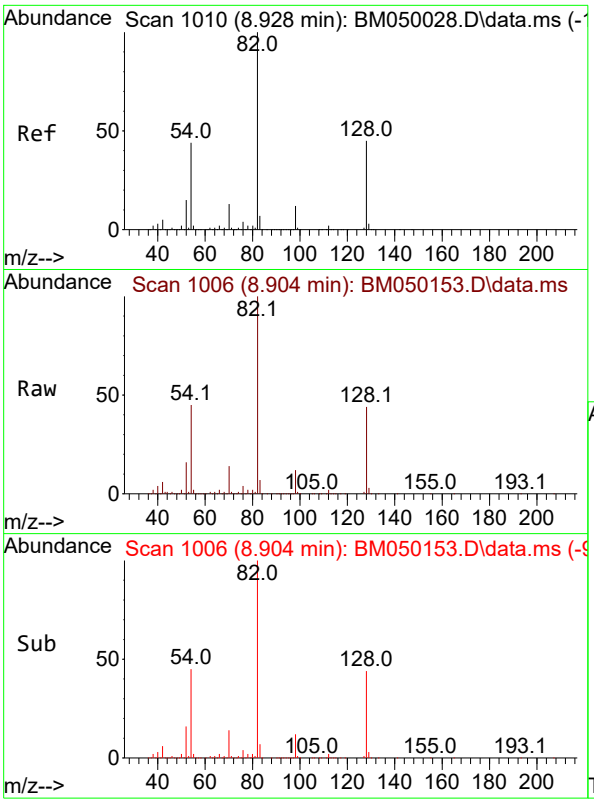


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.533 min Scan# 1283
Delta R.T. -0.029 min
Lab File: BM050153.D
Acq: 08 May 2025 19:17

Tgt Ion:136 Resp: 1023064

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.0	5.1	7.7
68	5.6	4.4	6.6



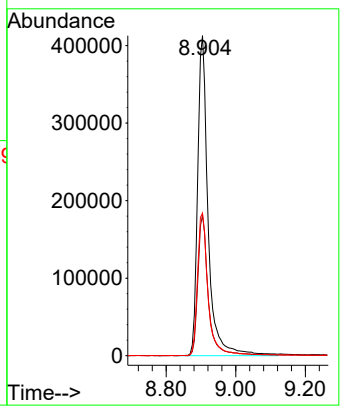


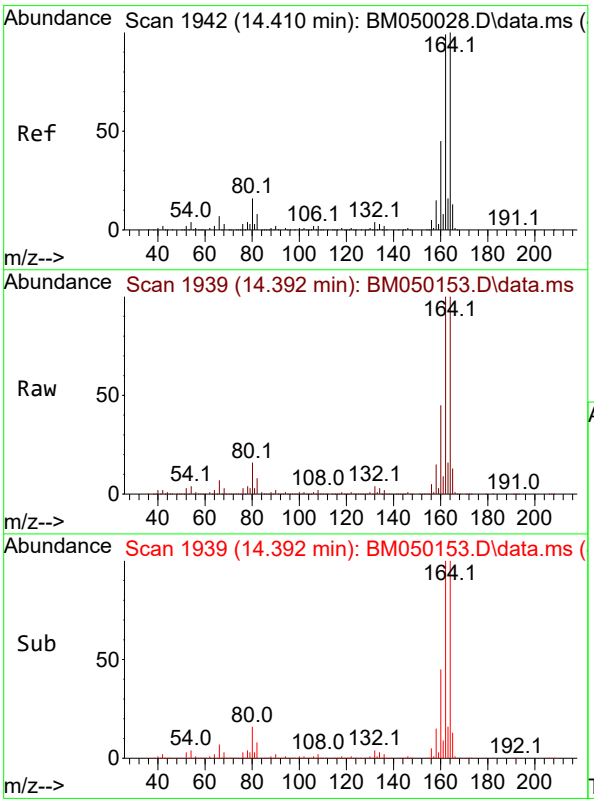
#23
Nitrobenzene-d5
Concen: 41.656 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050153.D
Acq: 08 May 2025 19:17

Instrument :
BNA_M
ClientSampleId :
WC-B-1

Tgt Ion: 82 Resp: 864860

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.7	53.5
54	44.5	35.4	53.2

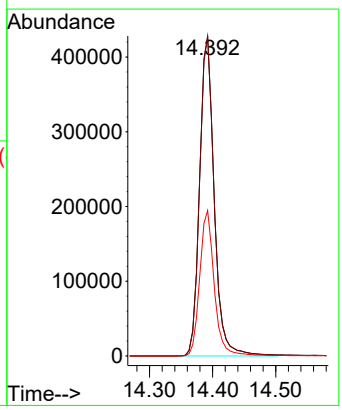


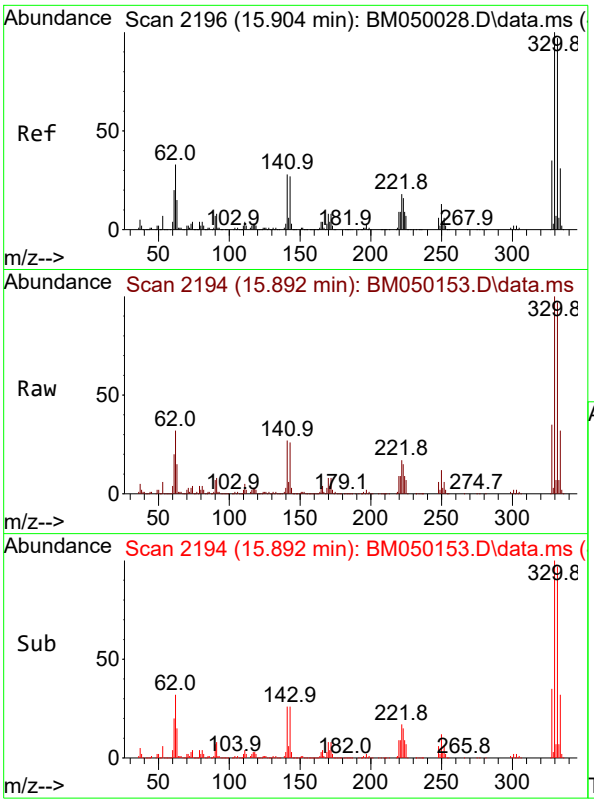


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050153.D
Acq: 08 May 2025 19:17

Tgt Ion:164 Resp: 688894

Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.4	119.0
160	45.5	36.2	54.4



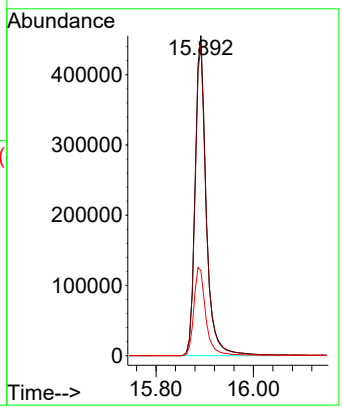


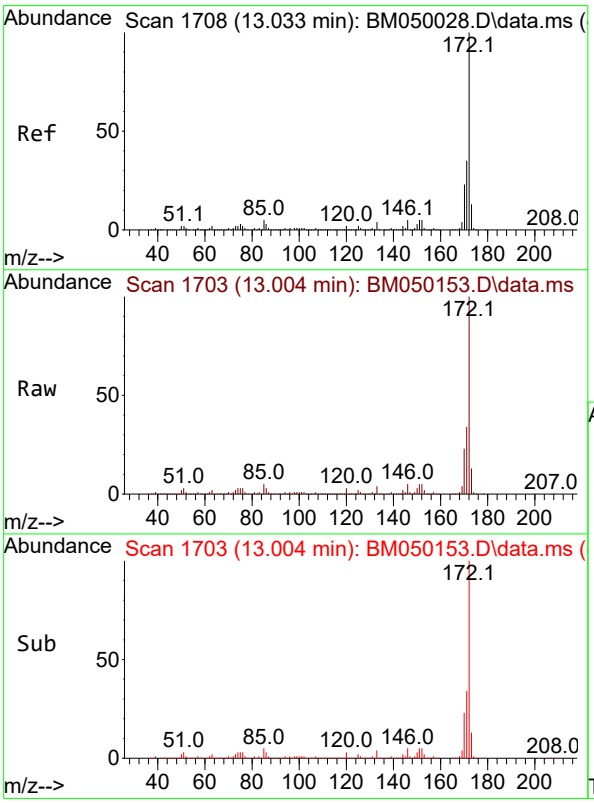
#42
2,4,6-Tribromophenol
Concen: 71.598 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050153.D
Acq: 08 May 2025 19:17

Instrument :
BNA_M
ClientSampleId :
WC-B-1

Tgt Ion:330 Resp: 729308

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	29.4	22.5	33.7

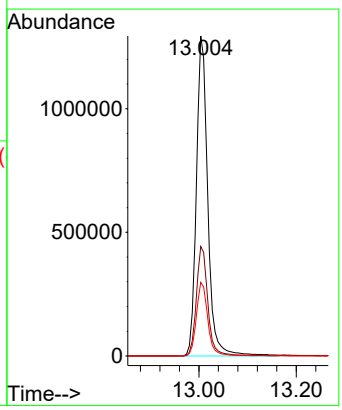


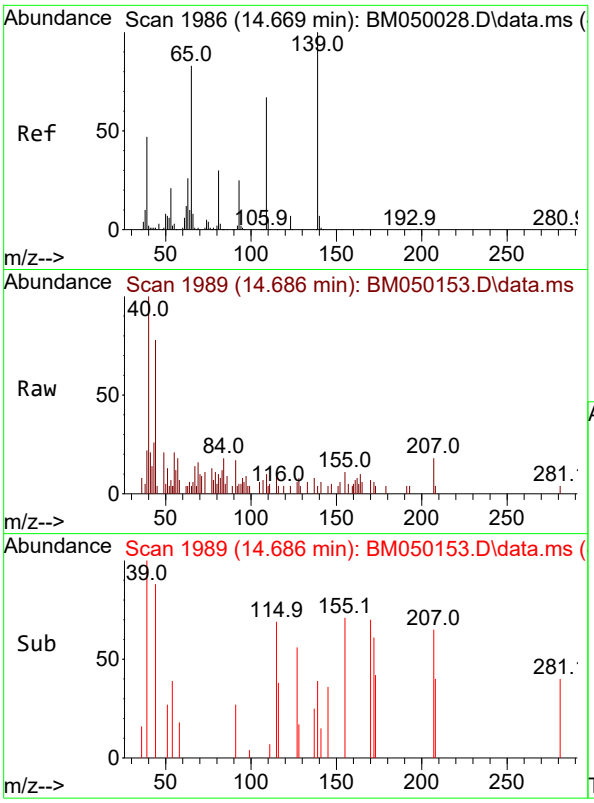


#45
2-Fluorobiphenyl
Concen: 36.312 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.029 min
Lab File: BM050153.D
Acq: 08 May 2025 19:17

Tgt Ion:172 Resp: 2114571

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



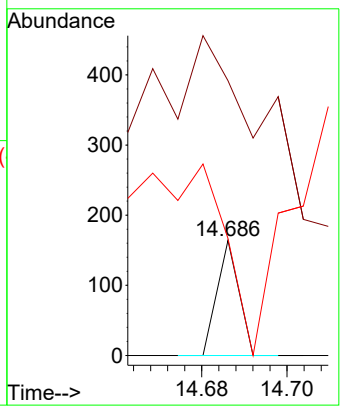


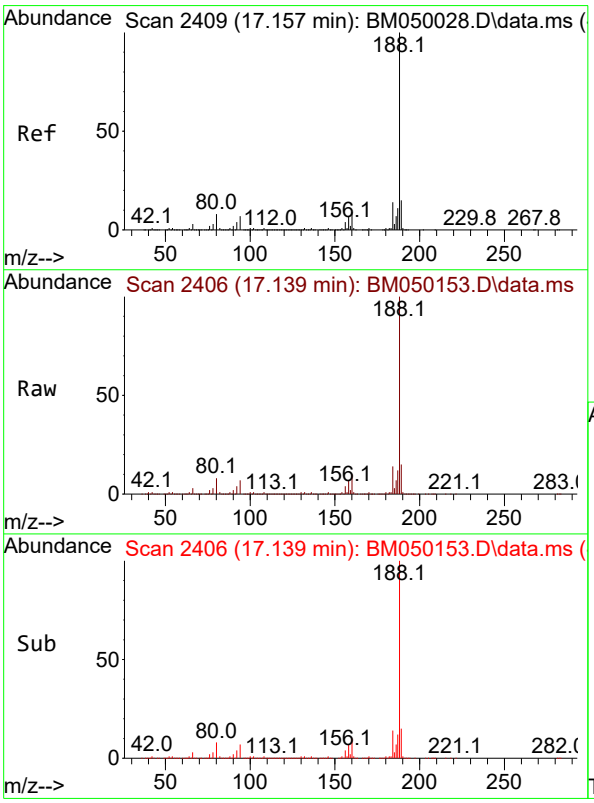
#56
4-Nitrophenol
Concen: 4.540 ng
RT: 14.686 min Scan# 1
Delta R.T. 0.017 min
Lab File: BM050153.D
Acq: 08 May 2025 19:17

Instrument :
BNA_M
ClientSampleId :
WC-B-1

Tgt Ion:139 Resp: 58

Ion	Ratio	Lower	Upper
139	100		
109	239.0	47.0	87.0#
65	101.8	64.3	104.3

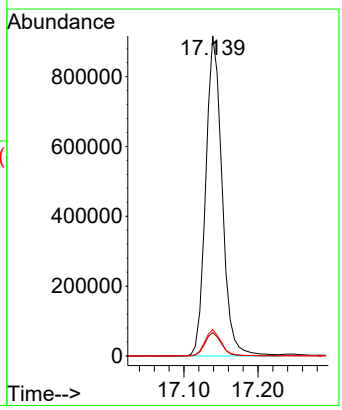


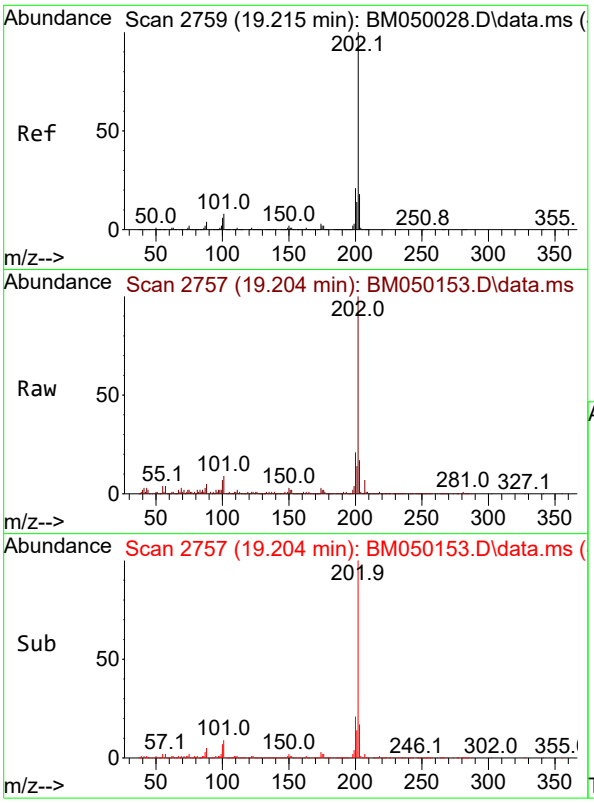


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BM050153.D
Acq: 08 May 2025 19:17

Tgt Ion:188 Resp: 1408479

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.7	8.5
80	8.3	6.2	9.4



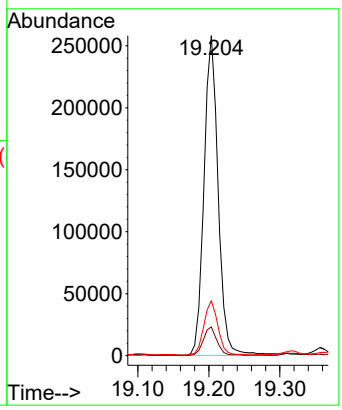


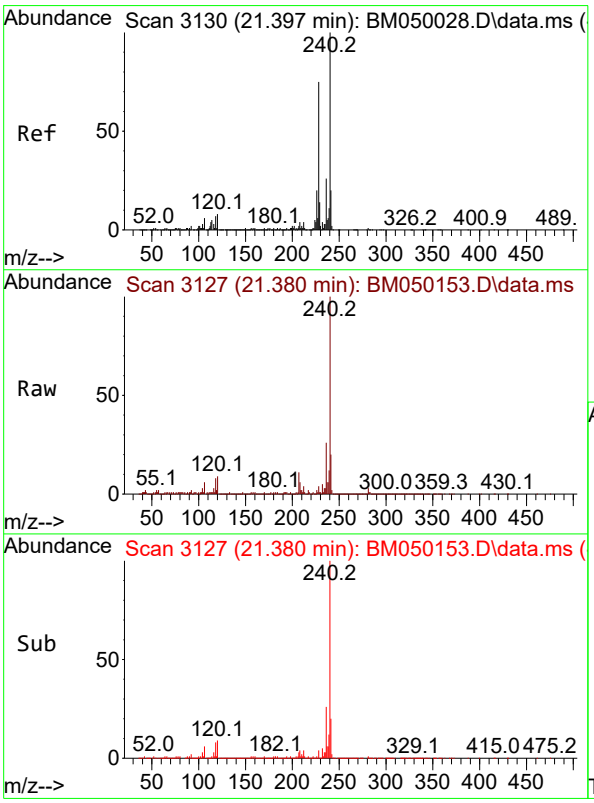
#75
Fluoranthene
Concen: 3.838 ng
RT: 19.204 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050153.D
Acq: 08 May 2025 19:17

Instrument :
BNA_M
ClientSampleId :
WC-B-1

Tgt Ion:202 Resp: 357960

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	28.0
203	17.2	0.0	37.7

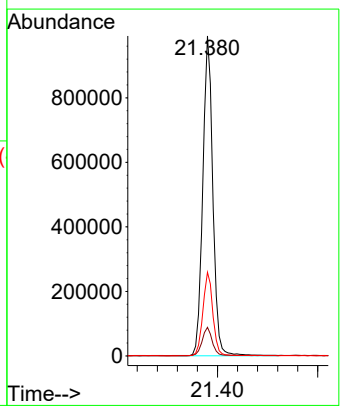


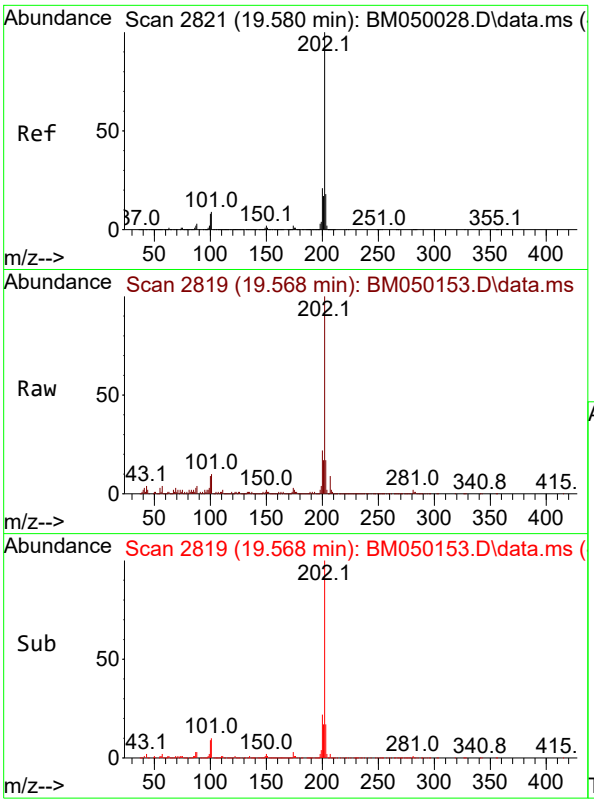


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.017 min
Lab File: BM050153.D
Acq: 08 May 2025 19:17

Tgt Ion:240 Resp: 1383066

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.5	9.7
236	26.1	20.9	31.3



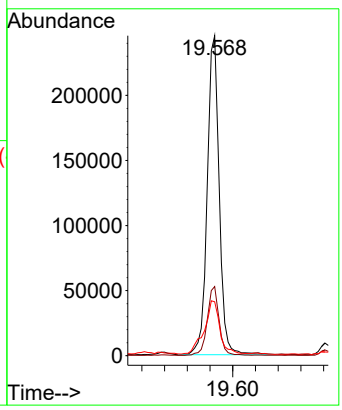


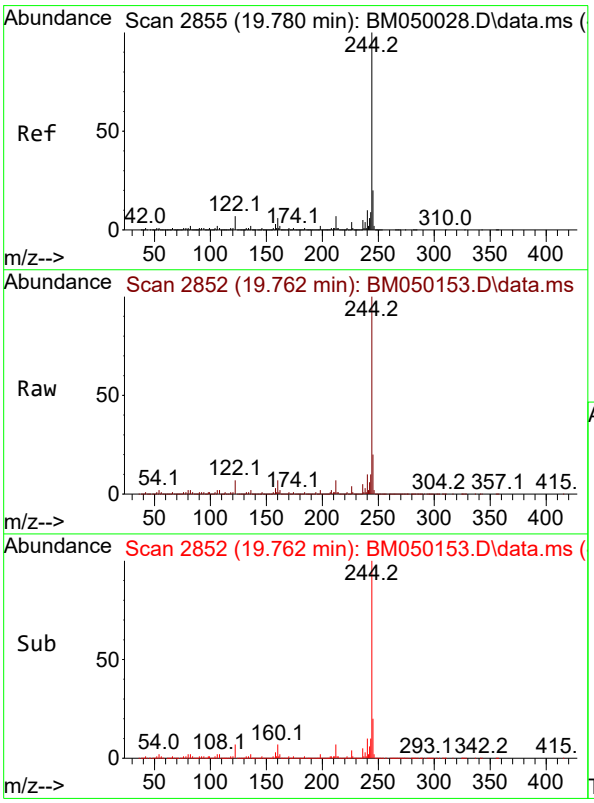
#78
Pyrene
Concen: 3.675 ng
RT: 19.568 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050153.D
Acq: 08 May 2025 19:17

Instrument :
BNA_M
ClientSampleId :
WC-B-1

Tgt Ion:202 Resp: 356950

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.7	25.1
203	16.8	14.1	21.1

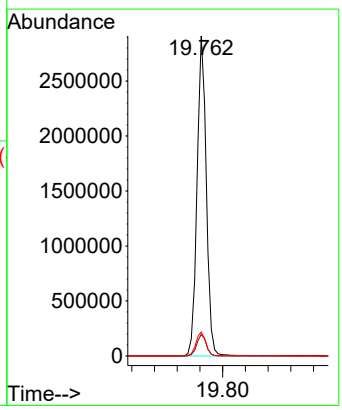


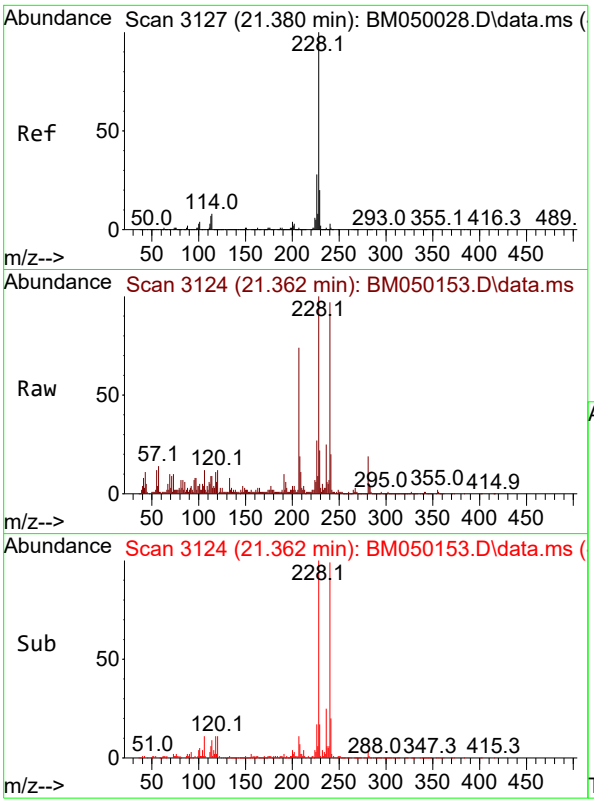


#79
Terphenyl-d14
Concen: 35.404 ng
RT: 19.762 min Scan# 2852
Delta R.T. -0.018 min
Lab File: BM050153.D
Acq: 08 May 2025 19:17

Tgt Ion:244 Resp: 3309090

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	7.5	5.6	8.4



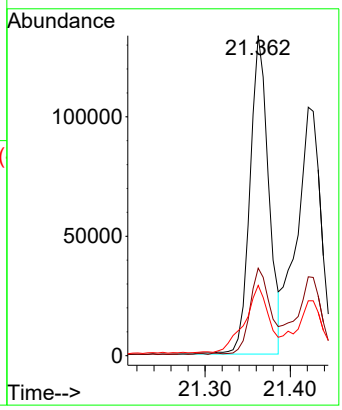


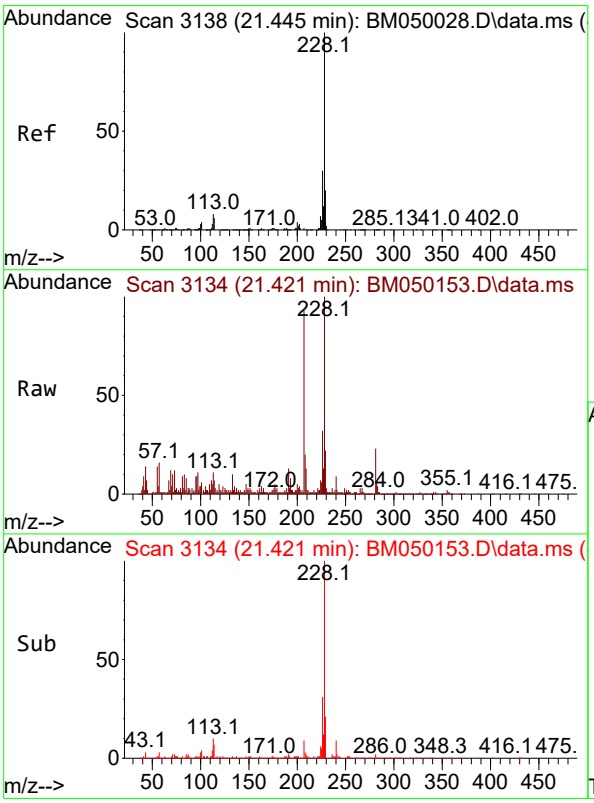
#81
Benzo(a)anthracene
Concen: 2.136 ng
RT: 21.362 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050153.D
Acq: 08 May 2025 19:17

Instrument :
BNA_M
ClientSampleId :
WC-B-1

Tgt Ion:228 Resp: 203447

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	22.0	15.7	23.5

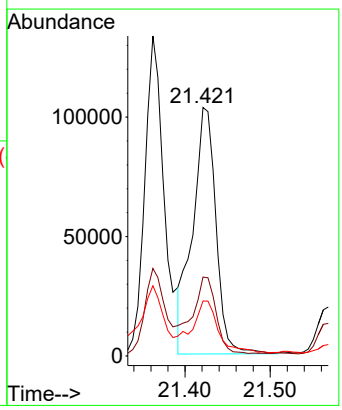


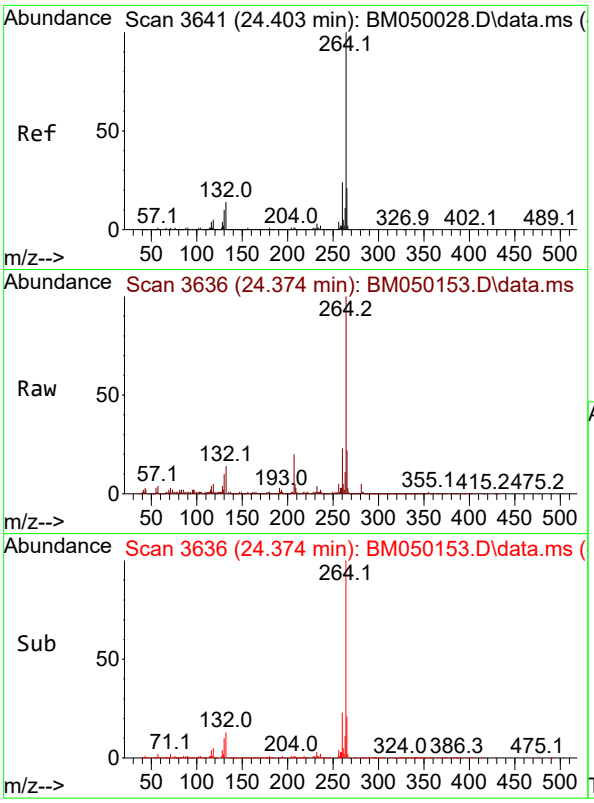


#83
Chrysene
Concen: 2.242 ng
RT: 21.421 min Scan# 3134
Delta R.T. -0.024 min
Lab File: BM050153.D
Acq: 08 May 2025 19:17

Tgt Ion:228 Resp: 197598

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.2	36.2
229	22.1	15.7	23.5



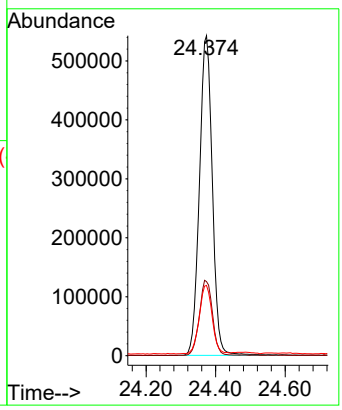


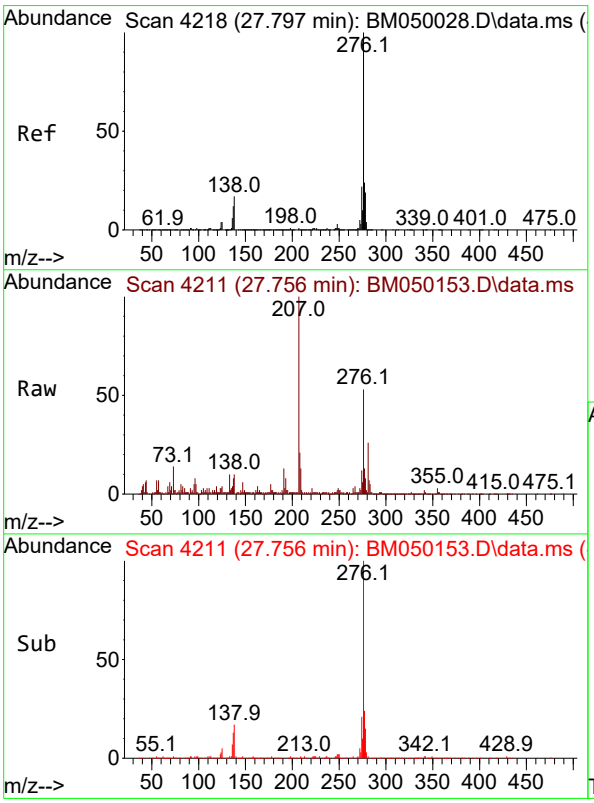
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3
Delta R.T. -0.029 min
Lab File: BM050153.D
Acq: 08 May 2025 19:17

Instrument :
BNA_M
ClientSampleId :
WC-B-1

Tgt Ion:264 Resp: 1398074

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.9	17.0	25.4

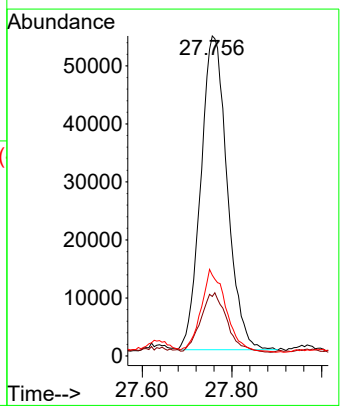


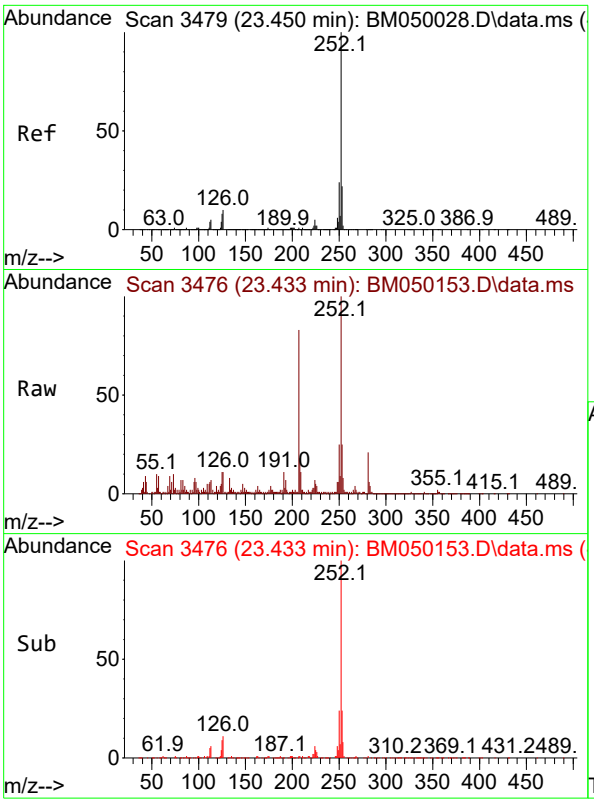


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.122 ng
RT: 27.756 min Scan# 4211
Delta R.T. -0.041 min
Lab File: BM050153.D
Acq: 08 May 2025 19:17

Tgt Ion:276 Resp: 221019

Ion	Ratio	Lower	Upper
276	100		
138	18.9	16.4	24.6
277	25.2	19.8	29.8



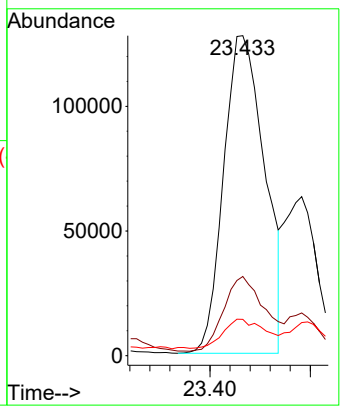


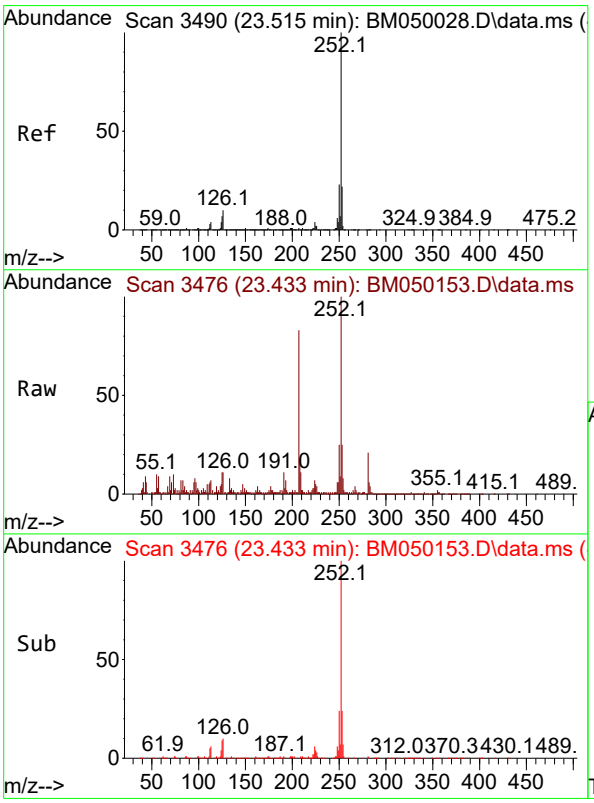
#88
Benzo(b)fluoranthene
Concen: 3.983 ng
RT: 23.433 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050153.D
Acq: 08 May 2025 19:17

Instrument :
BNA_M
ClientSampleId :
WC-B-1

Tgt Ion:252 Resp: 362093

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.7	26.5
125	11.4	6.1	9.1#

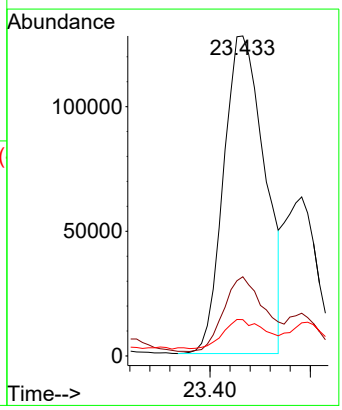


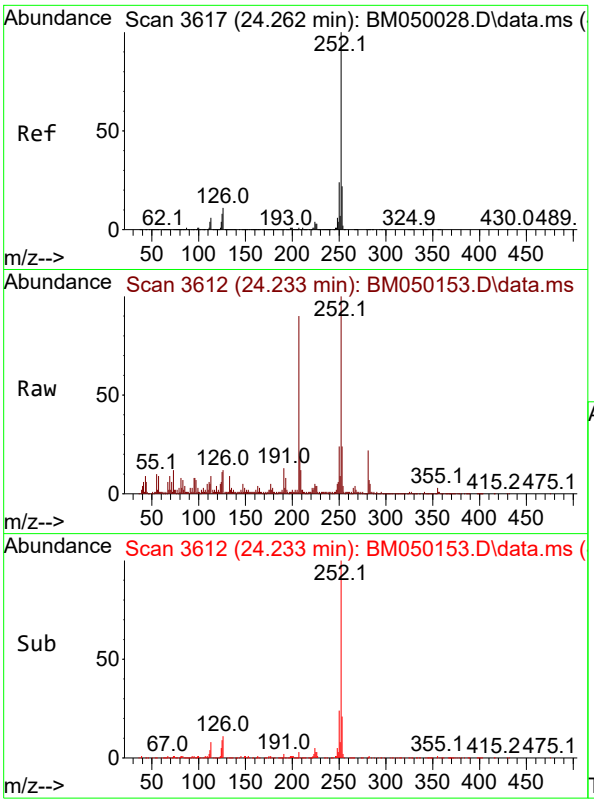


#89
Benzo(k)fluoranthene
Concen: 3.937 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.082 min
Lab File: BM050153.D
Acq: 08 May 2025 19:17

Tgt Ion:252 Resp: 362093

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.2
125	11.4	5.8	8.8#



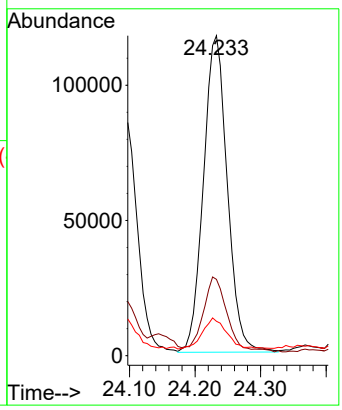


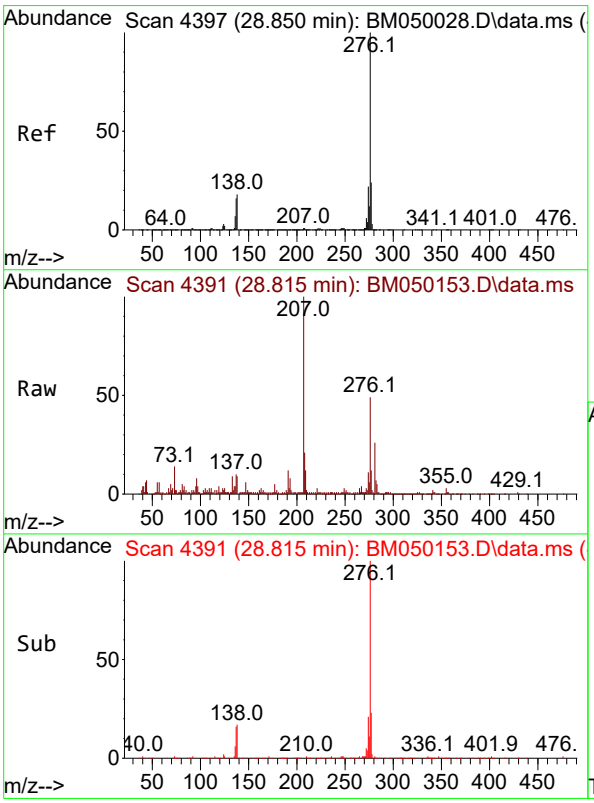
#90
Benzo(a)pyrene
Concen: 3.480 ng
RT: 24.233 min Scan# 3
Delta R.T. -0.029 min
Lab File: BM050153.D
Acq: 08 May 2025 19:17

Instrument :
BNA_M
ClientSampleId :
WC-B-1

Tgt Ion:252 Resp: 296371

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	10.7	6.6	9.8#





#92
Benzo(g,h,i)perylene
Concen: 2.857 ng
RT: 28.815 min Scan# 4391
Delta R.T. -0.035 min
Lab File: BM050153.D
Acq: 08 May 2025 19:17

Tgt Ion:276 Resp: 232260

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.1	28.7
138	18.4	14.3	21.5