Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050077.D
Acq On : 01 May 2025 23:15
Operator : RC/JU
Sample : Q1906-09 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-6

Quant Time: May 02 01:14:10 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	7.751	152	260963	20.000	ng	-0.02
21) Naphthalene-d8	10.540	136	956596	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	662166	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1355794	20.000	ng	-0.01
76) Chrysene-d12	21.380	240	1317336	20.000	ng	-0.02
86) Perylene-d12	24.374	264	1346752	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	219213	14.709	ng	-0.01
7) Phenol-d6	6.940	99	293970	15.694	ng	-0.01
23) Nitrobenzene-d5	8.910	82	158699	8.175	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	142542	14.558	ng	-0.01
45) 2-Fluorobiphenyl	13.016	172	481951	8.610	ng	-0.02
79) Terphenyl-d14	19.768	244	715529	8.037	ng	-0.01
Target Compounds						Qvalue
56) 4-Nitrophenol	14.639	139	60	4.541	ng	# 36
75) Fluoranthene	19.204	202	180287	2.008	ng	99
78) Pyrene	19.568	202	228962	2.475	ng	100
88) Benzo(b)fluoranthene	23.433	252	222746	2.543	ng	# 95

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

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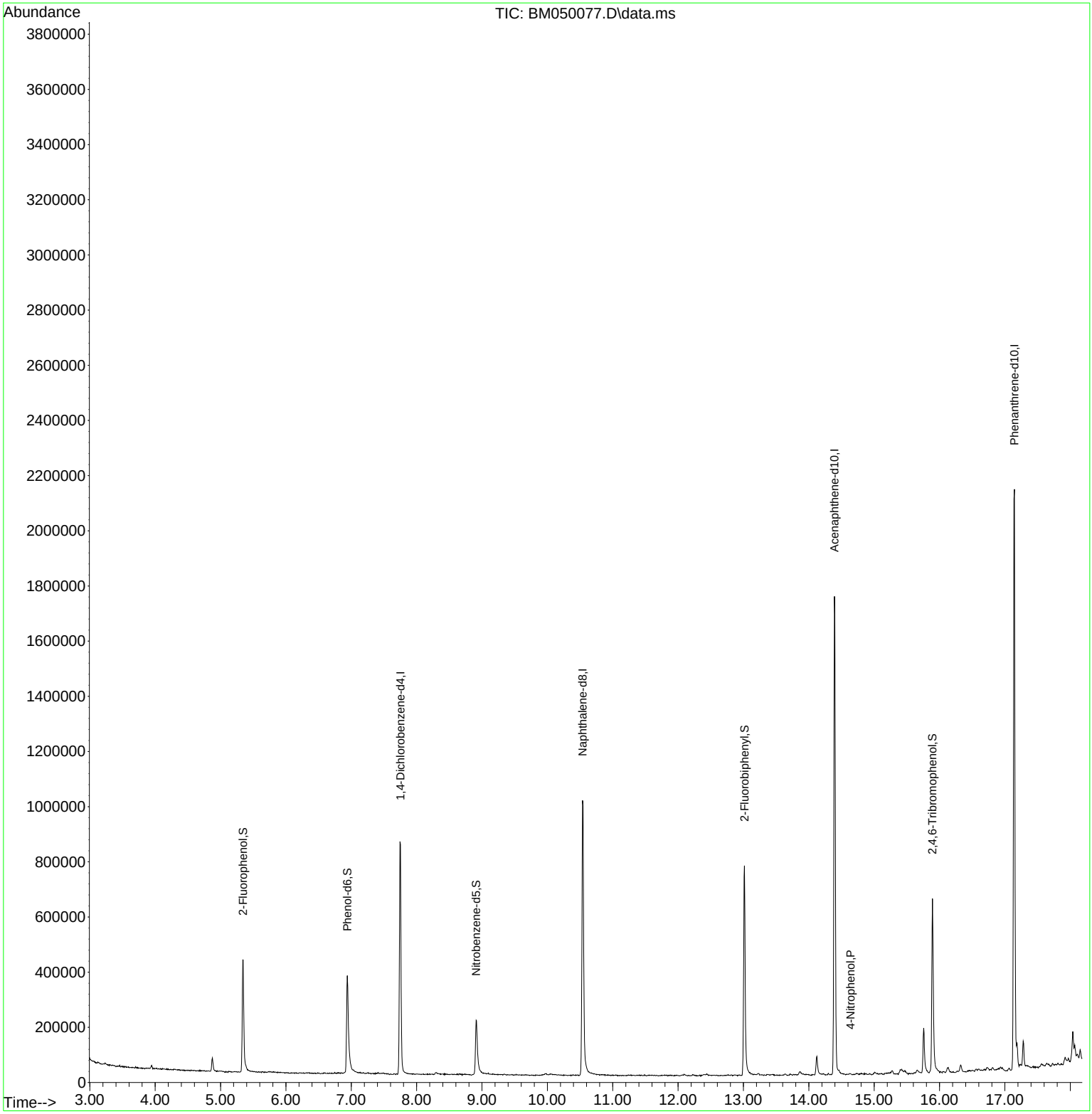

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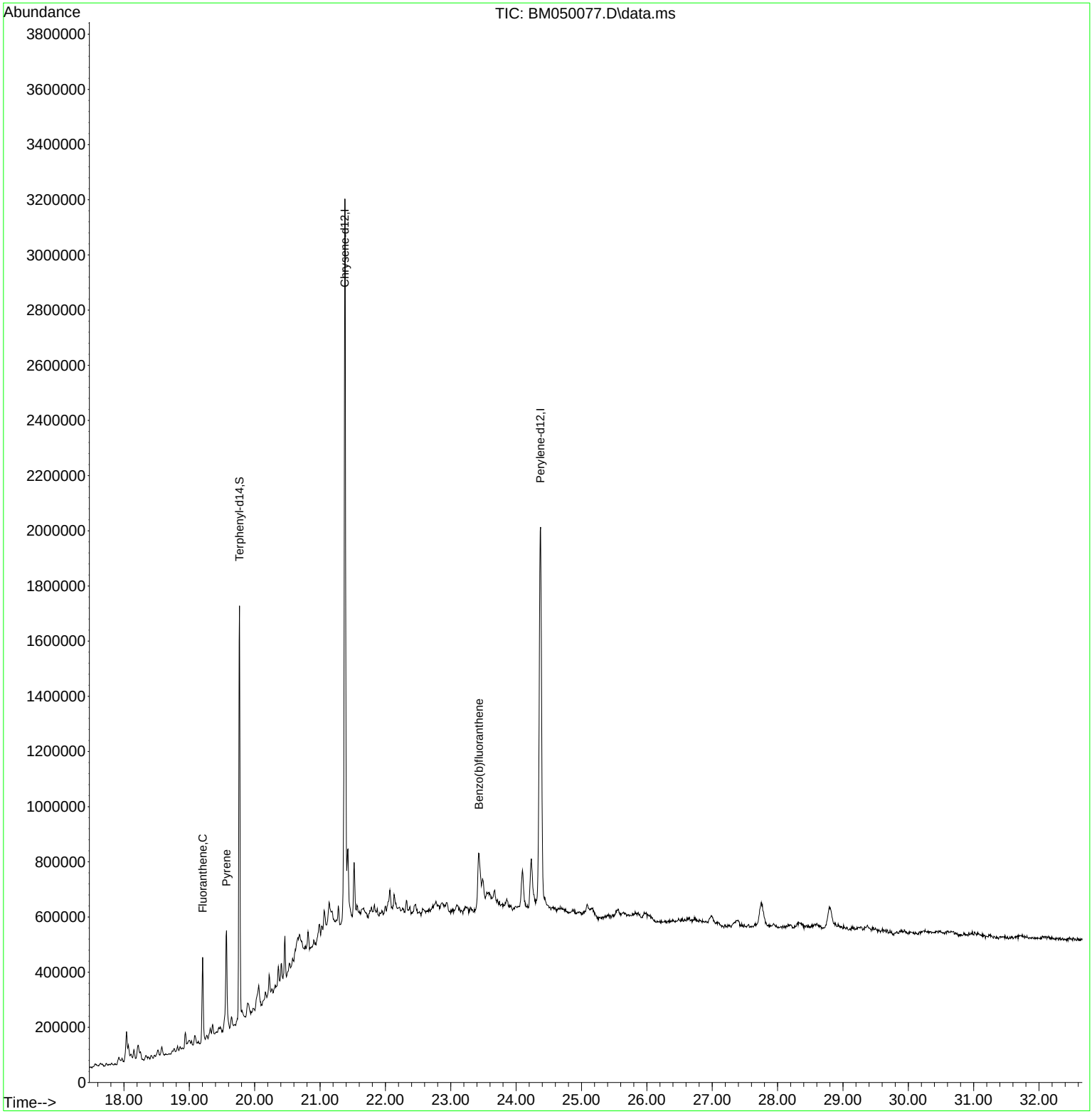
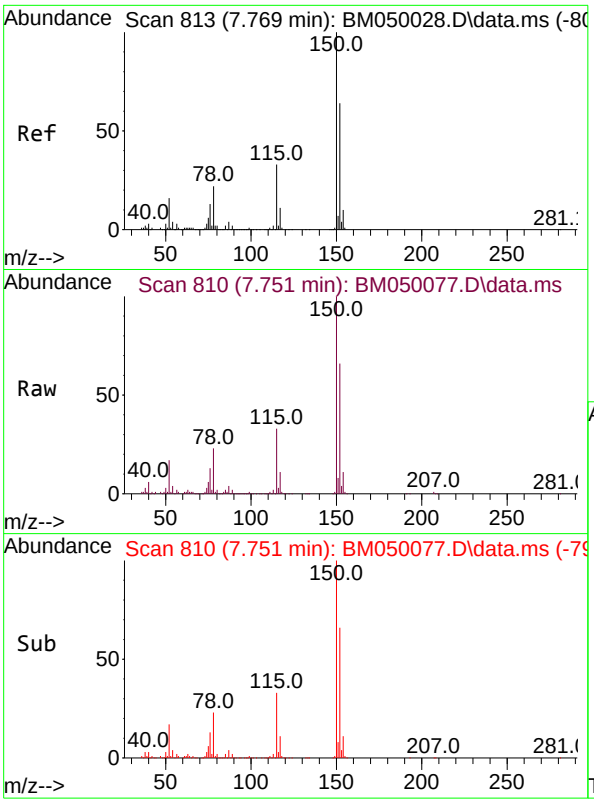


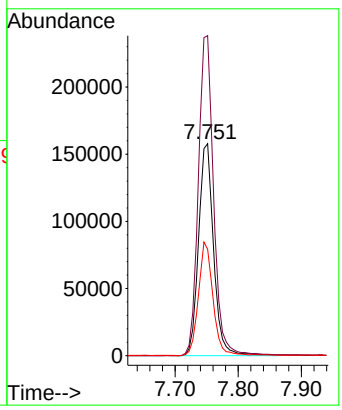


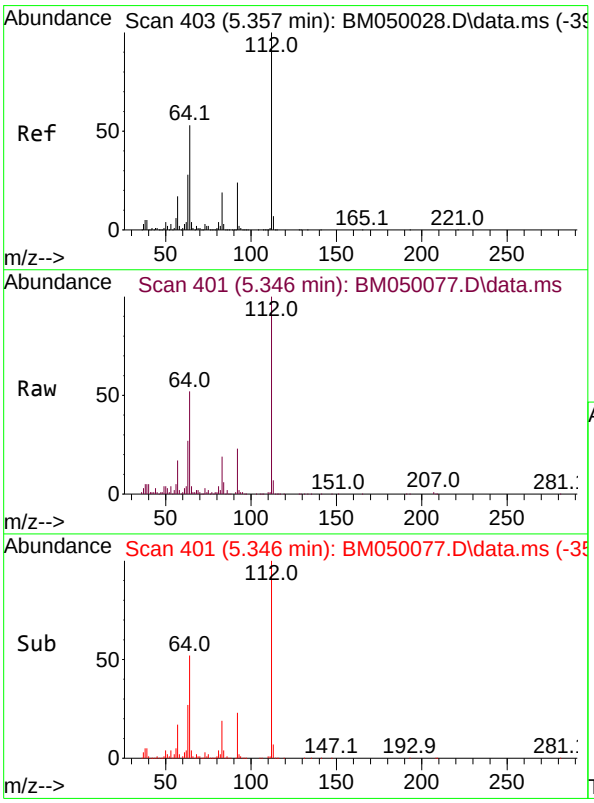
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.751 min Scan# 8
Delta R.T. -0.018 min
Lab File: BM050077.D
Acq: 01 May 2025 23:15

Instrument :
BNA_M
ClientSampleId :
WC-6

Tgt Ion:152 Resp: 260963

Ion	Ratio	Lower	Upper
152	100		
150	151.0	124.1	186.1
115	50.2	41.2	61.8

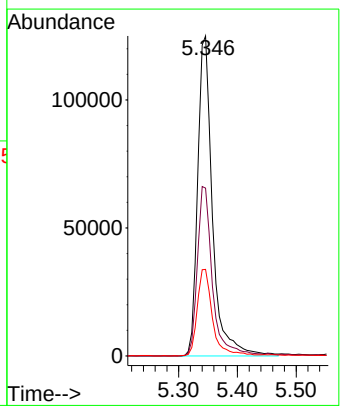


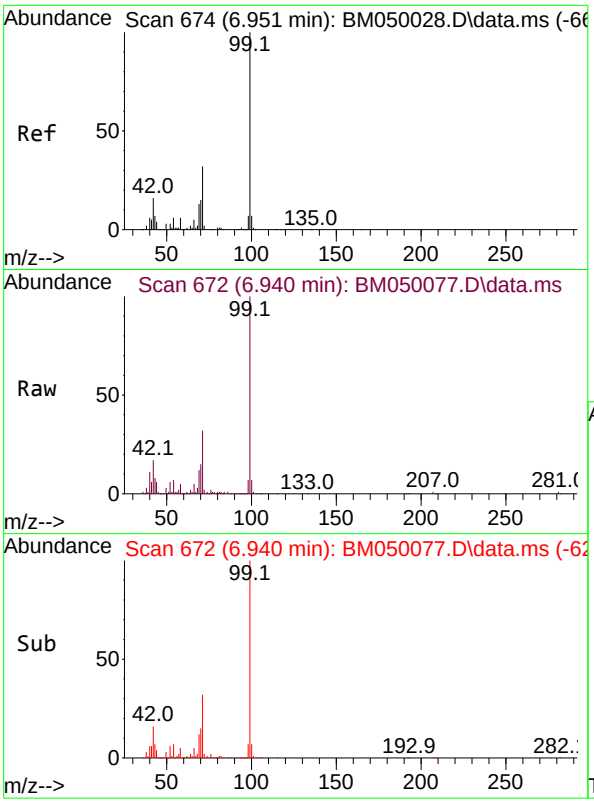


#5
2-Fluorophenol
Concen: 14.709 ng
RT: 5.346 min Scan# 401
Delta R.T. -0.012 min
Lab File: BM050077.D
Acq: 01 May 2025 23:15

Tgt Ion:112 Resp: 219213

Ion	Ratio	Lower	Upper
112	100		
64	52.5	42.6	64.0
63	27.1	22.2	33.4



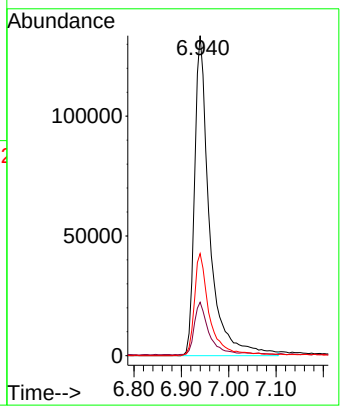


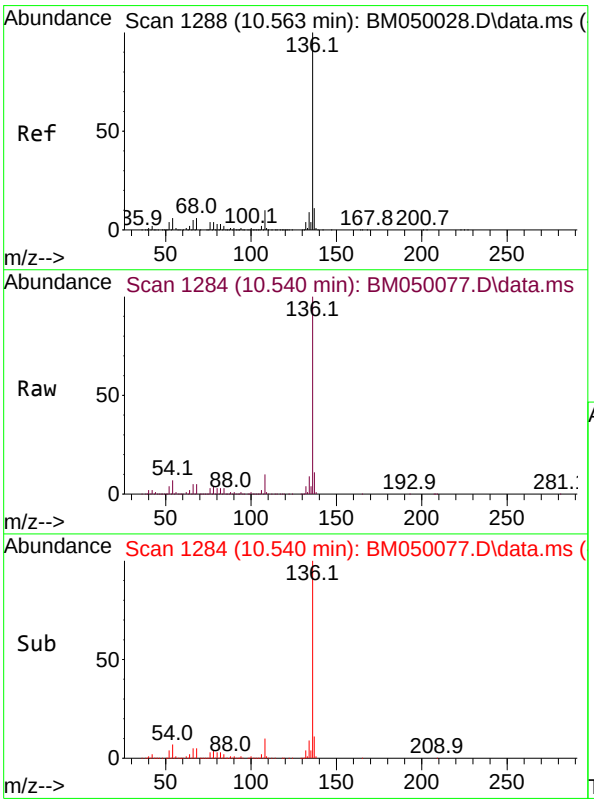
#7
Phenol-d6
Concen: 15.694 ng
RT: 6.940 min Scan# 6
Delta R.T. -0.012 min
Lab File: BM050077.D
Acq: 01 May 2025 23:15

Instrument :
BNA_M
ClientSampleId :
WC-6

Tgt Ion: 99 Resp: 293970

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.0	19.4
71	31.9	25.6	38.4

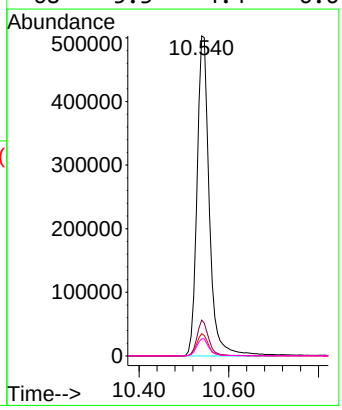


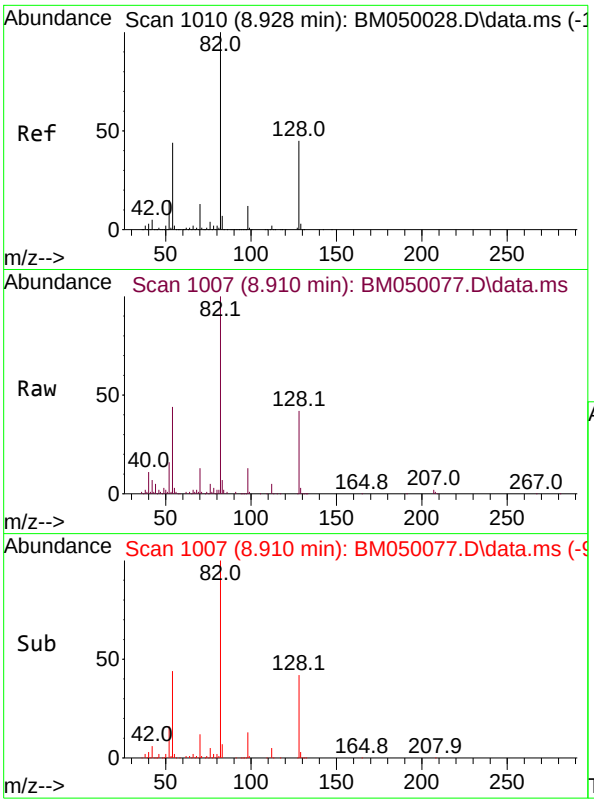


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.023 min
Lab File: BM050077.D
Acq: 01 May 2025 23:15

Tgt Ion:136 Resp: 956596

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.0	5.1	7.7
68	5.3	4.4	6.6



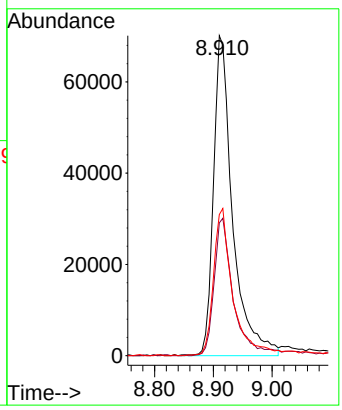


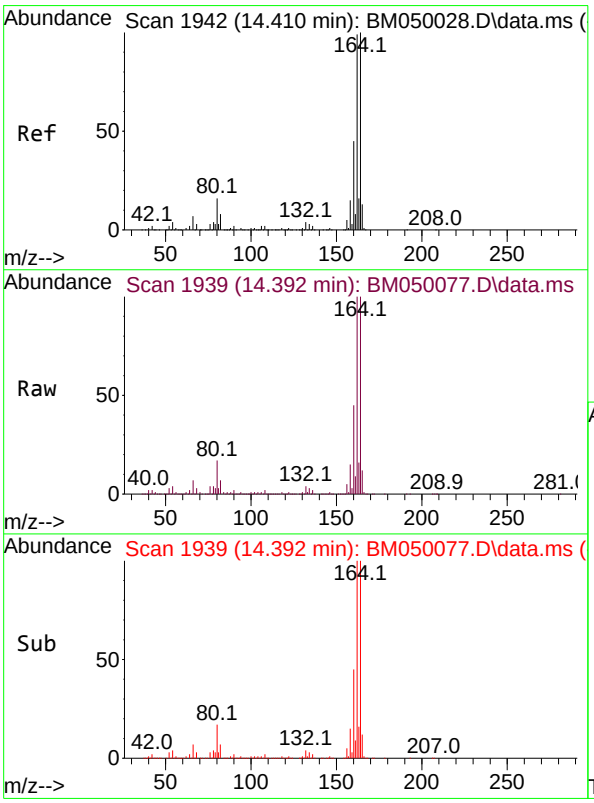
#23
Nitrobenzene-d5
Concen: 8.175 ng
RT: 8.910 min Scan# 1(
Delta R.T. -0.017 min
Lab File: BM050077.D
Acq: 01 May 2025 23:15

Instrument :
BNA_M
ClientSampleId :
WC-6

Tgt Ion: 82 Resp: 158699

Ion	Ratio	Lower	Upper
82	100		
128	41.5	35.7	53.5
54	44.1	35.4	53.2

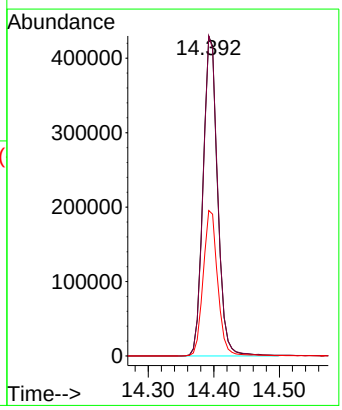


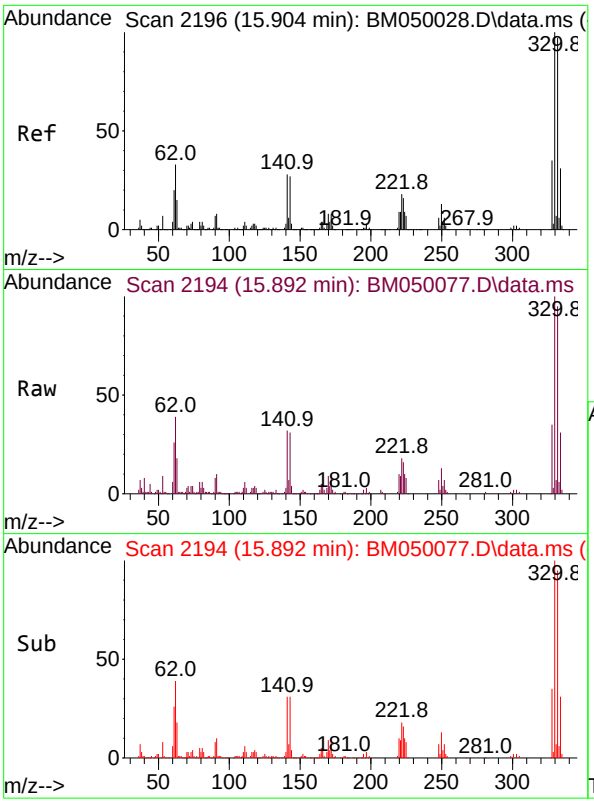


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050077.D
Acq: 01 May 2025 23:15

Tgt Ion:164 Resp: 662166

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



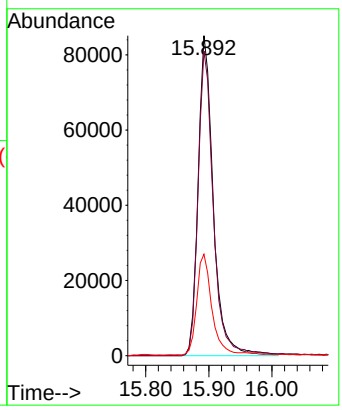


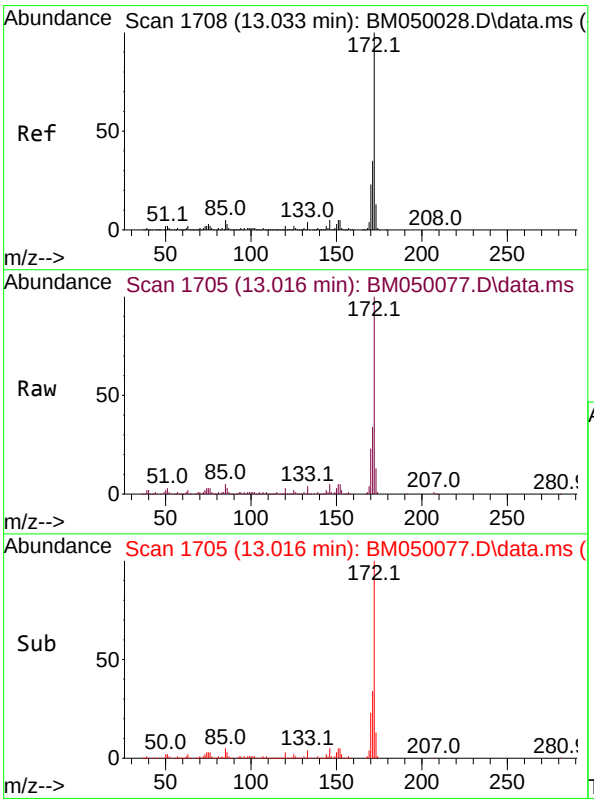
#42
2,4,6-Tribromophenol
Concen: 14.558 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050077.D
Acq: 01 May 2025 23:15

Instrument :
BNA_M
ClientSampleId :
WC-6

Tgt Ion:330 Resp: 142542

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	31.5	22.5	33.7

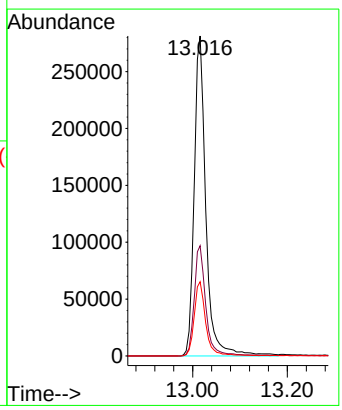


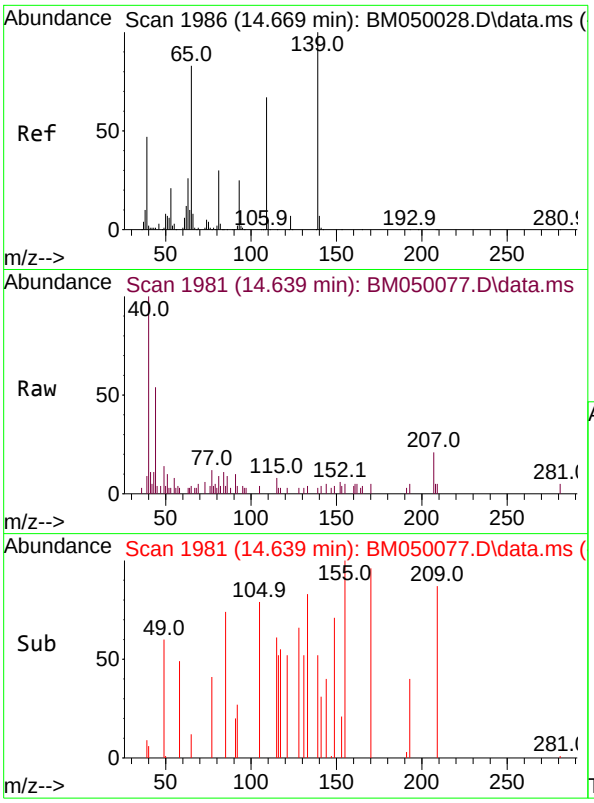


#45
2-Fluorobiphenyl
Concen: 8.610 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.017 min
Lab File: BM050077.D
Acq: 01 May 2025 23:15

Tgt Ion:172 Resp: 481951

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.6
170	23.2	18.6	28.0



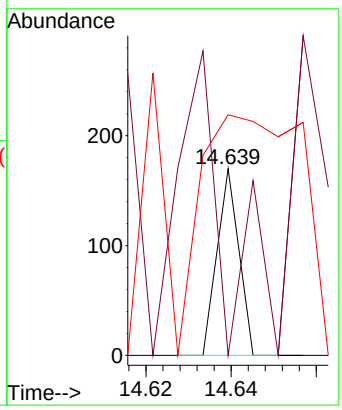


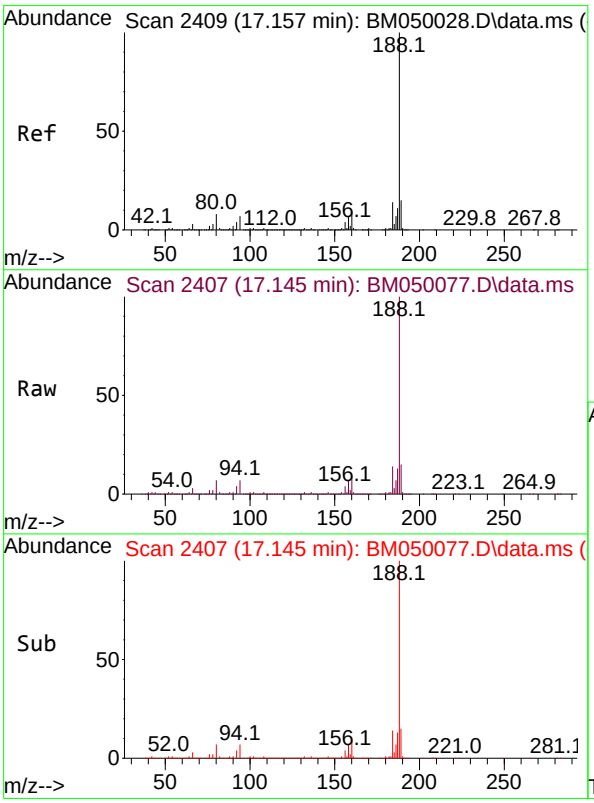
#56
4-Nitrophenol
Concen: 4.541 ng
RT: 14.639 min Scan# 1
Delta R.T. -0.030 min
Lab File: BM050077.D
Acq: 01 May 2025 23:15

Instrument :
BNA_M
ClientSampleId :
WC-6

Tgt Ion:139 Resp: 60

Ion	Ratio	Lower	Upper
139	100		
109	0.0	47.0	87.0#
65	128.8	64.3	104.3#

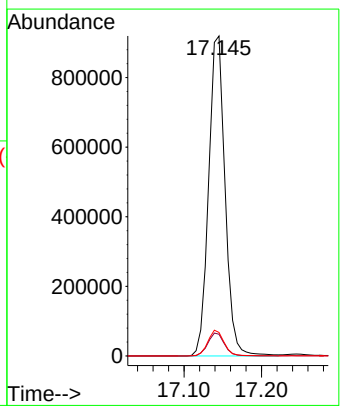


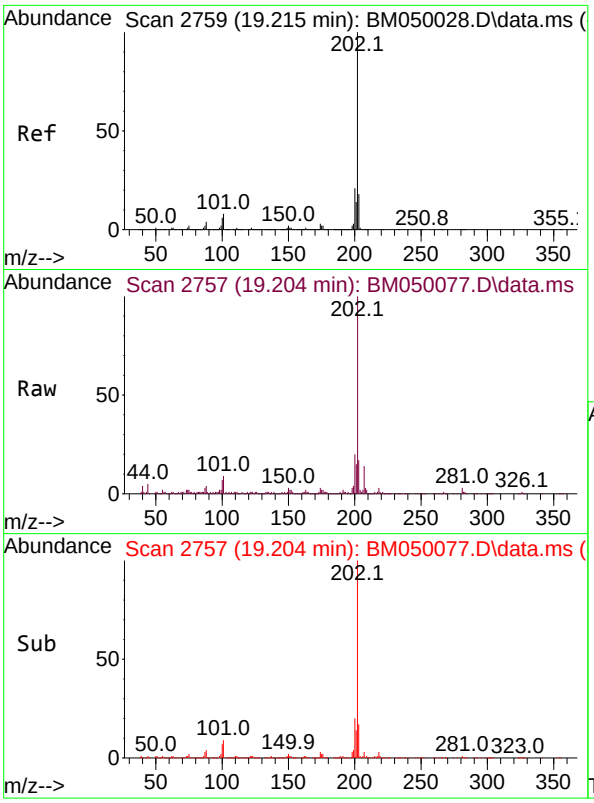


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050077.D
Acq: 01 May 2025 23:15

Tgt Ion:188 Resp: 1355794

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.7	8.5
80	7.4	6.2	9.4



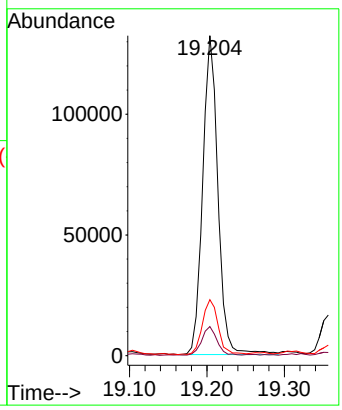


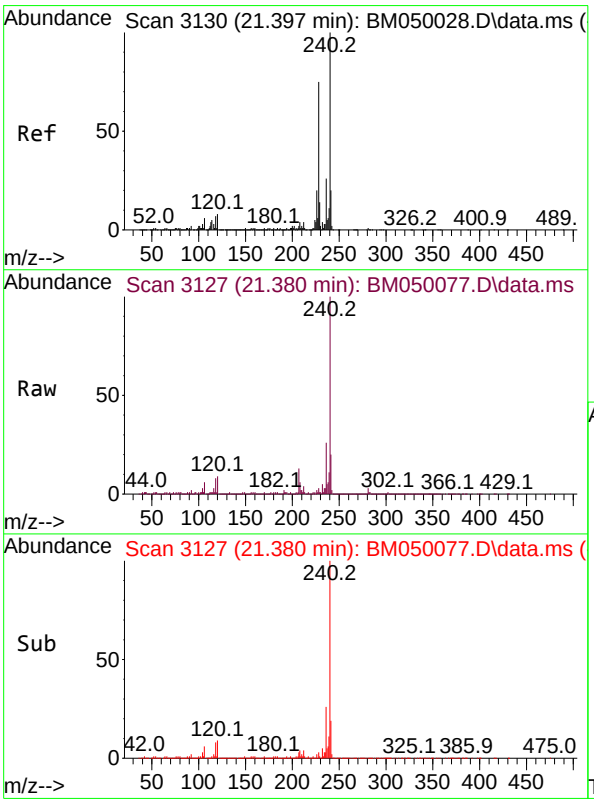
#75
Fluoranthene
Concen: 2.008 ng
RT: 19.204 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050077.D
Acq: 01 May 2025 23:15

Instrument :
BNA_M
ClientSampleId :
WC-6

Tgt Ion:202 Resp: 180287

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	28.0
203	17.5	0.0	37.7

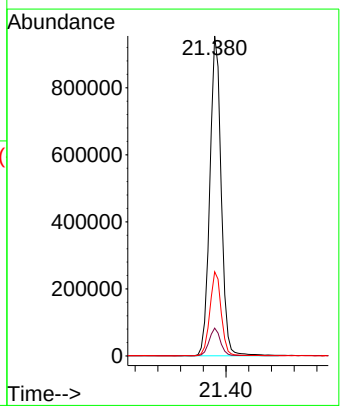


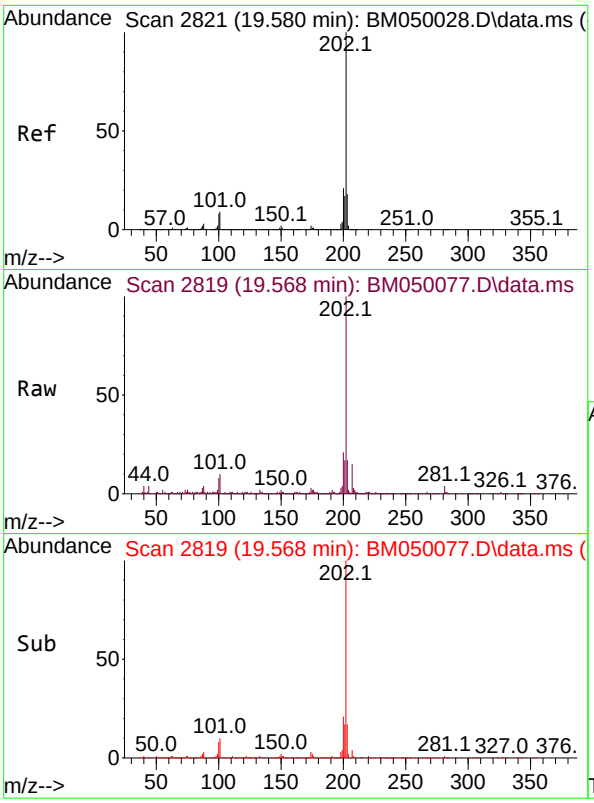


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.017 min
Lab File: BM050077.D
Acq: 01 May 2025 23:15

Tgt Ion:240 Resp: 1317336

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.5	9.7
236	26.3	20.9	31.3



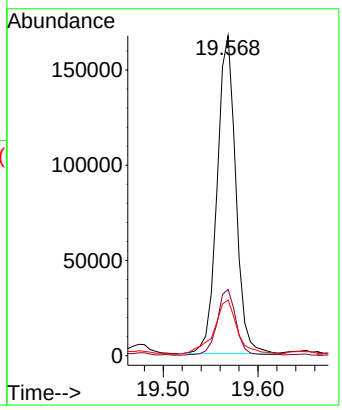


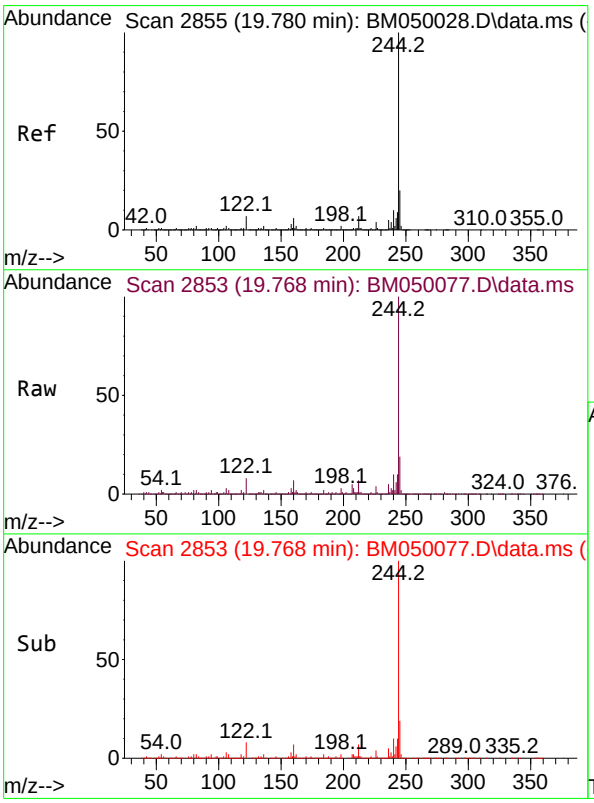
#78
Pyrene
Concen: 2.475 ng
RT: 19.568 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050077.D
Acq: 01 May 2025 23:15

Instrument :
BNA_M
ClientSampleId :
WC-6

Tgt Ion:202 Resp: 228962

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.4	14.1	21.1

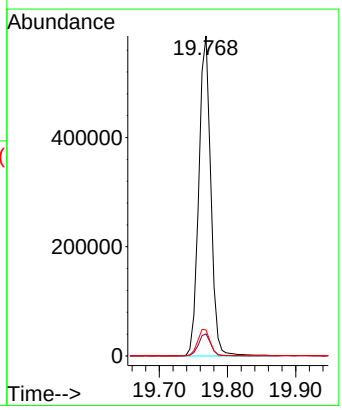


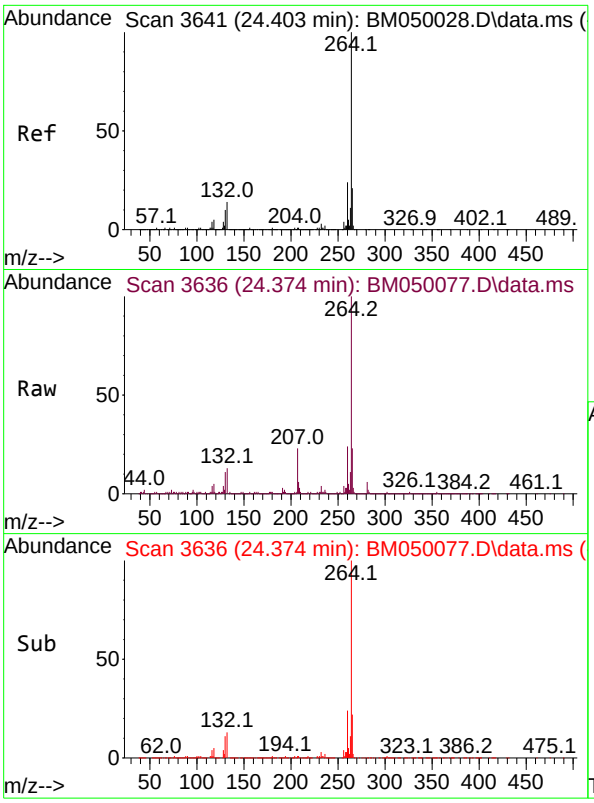


#79
Terphenyl-d14
Concen: 8.037 ng
RT: 19.768 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BM050077.D
Acq: 01 May 2025 23:15

Tgt Ion:244 Resp: 715529

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	8.2	5.6	8.4



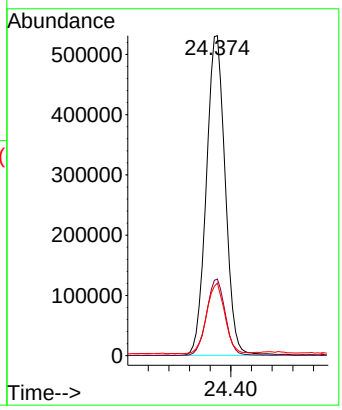


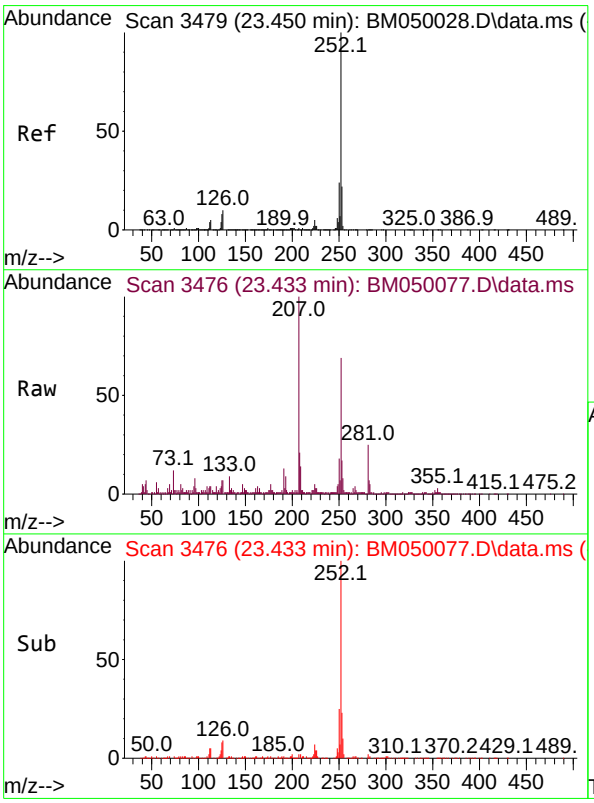
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3
Delta R.T. -0.029 min
Lab File: BM050077.D
Acq: 01 May 2025 23:15

Instrument :
BNA_M
ClientSampleId :
WC-6

Tgt Ion:264 Resp: 1346752

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	22.7	17.0	25.4





#88
Benzo(b)fluoranthene
Concen: 2.543 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.017 min
Lab File: BM050077.D
Acq: 01 May 2025 23:15

Tgt Ion:252 Resp: 222746

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.7	26.5
125	9.5	6.1	9.1#