Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050094.D
Acq On : 02 May 2025 20:34
Operator : RC/JU
Sample : Q1933-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-01-050125

Quant Time: May 02 23:59:26 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	409837	20.000	ng		-0.02
21) Naphthalene-d8	10.539	136	1575589	20.000	ng		-0.02
39) Acenaphthene-d10	14.398	164	1152250	20.000	ng		-0.01
64) Phenanthrene-d10	17.145	188	2420942	20.000	ng		-0.01
76) Chrysene-d12	21.386	240	1706448	20.000	ng		-0.01
86) Perylene-d12	24.380	264	1569666	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	875477	37.406	ng		-0.02
7) Phenol-d6	6.939	99	1141186	38.794	ng		-0.01
23) Nitrobenzene-d5	8.910	82	669274	20.931	ng		-0.02
42) 2,4,6-Tribromophenol	15.892	330	673844	39.551	ng		-0.01
45) 2-Fluorobiphenyl	13.016	172	1953292	20.054	ng		-0.02
79) Terphenyl-d14	19.768	244	2958133	25.651	ng		-0.01
Target Compounds							Qvalue
75) Fluoranthene	19.203	202	383901	2.395	ng		97
78) Pyrene	19.568	202	415560	3.468	ng		99
88) Benzo(b)fluoranthene	23.433	252	223968	2.194	ng	#	84

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

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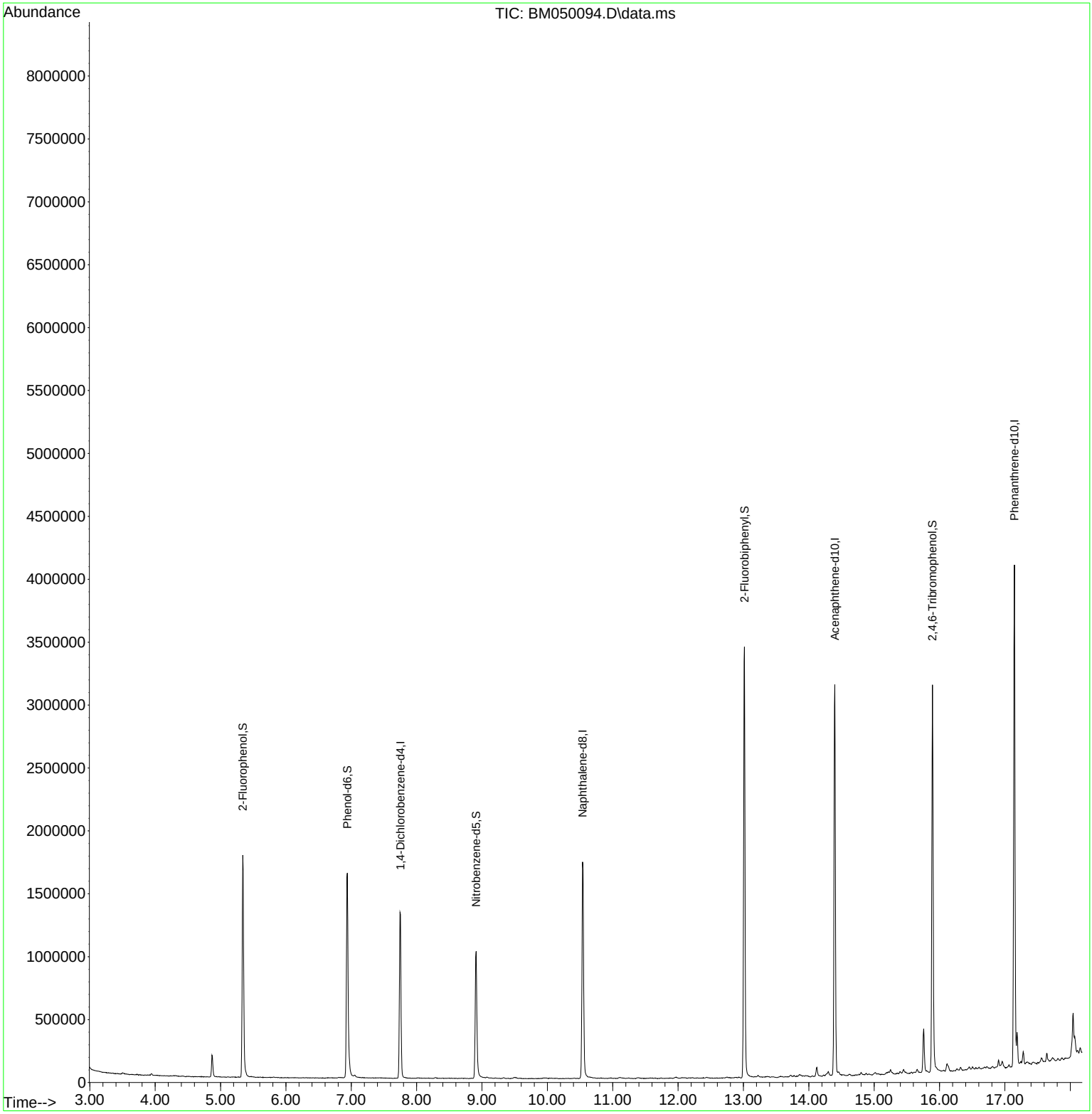

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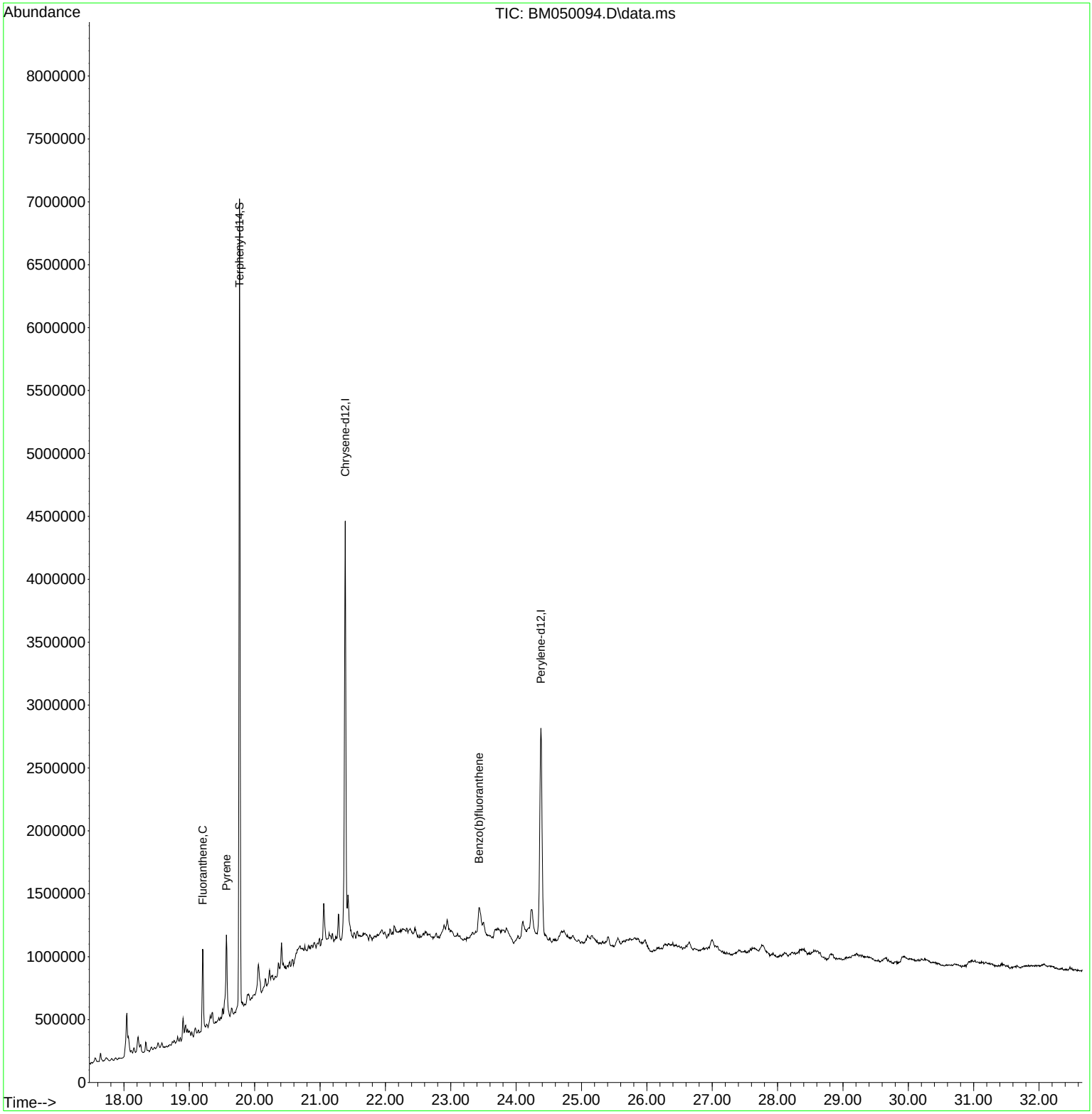
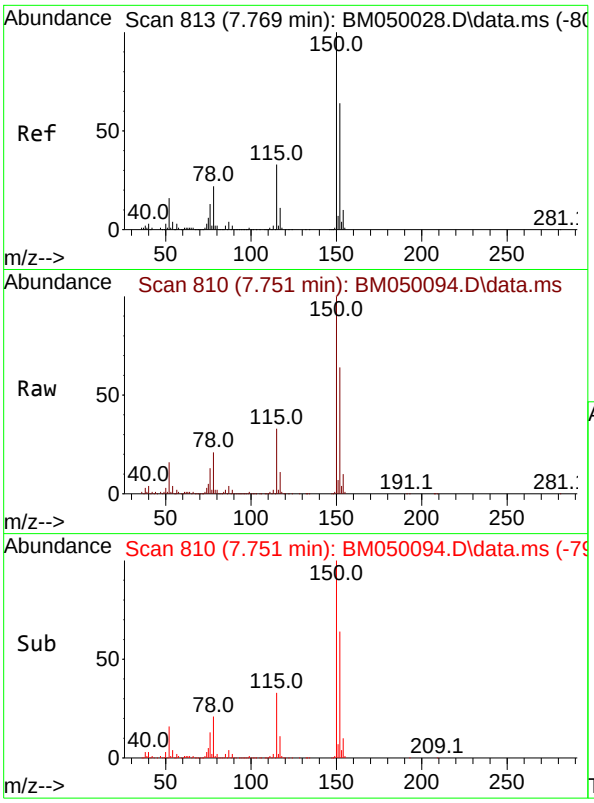


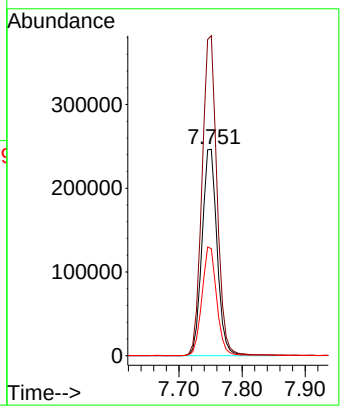


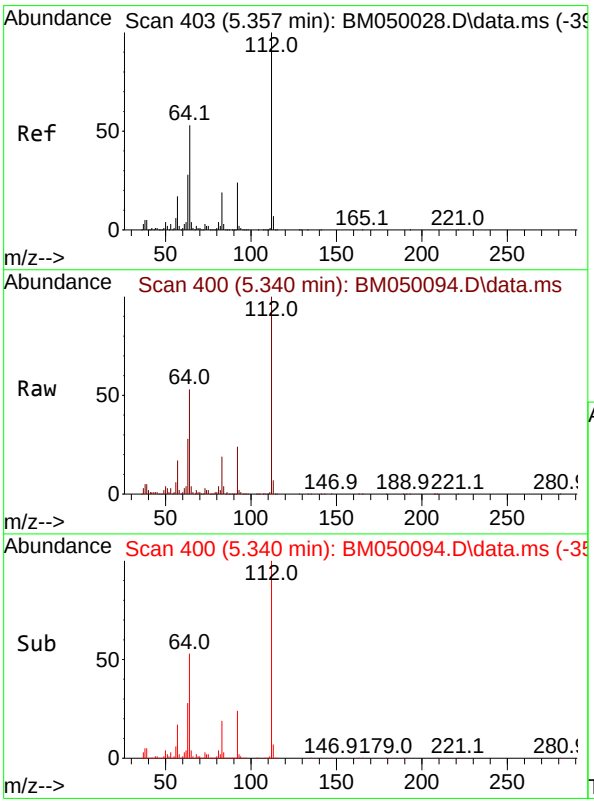
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.751 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM050094.D
Acq: 02 May 2025 20:34

Instrument :
BNA_M
ClientSampleId :
OK-01-050125

Tgt Ion:152 Resp: 409837

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.1	186.1
115	51.9	41.2	61.8

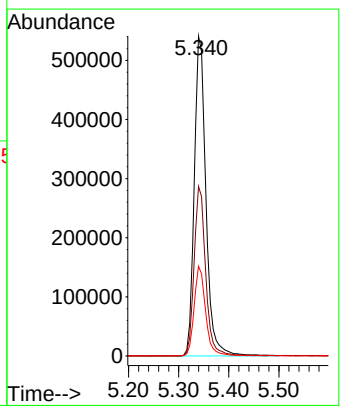


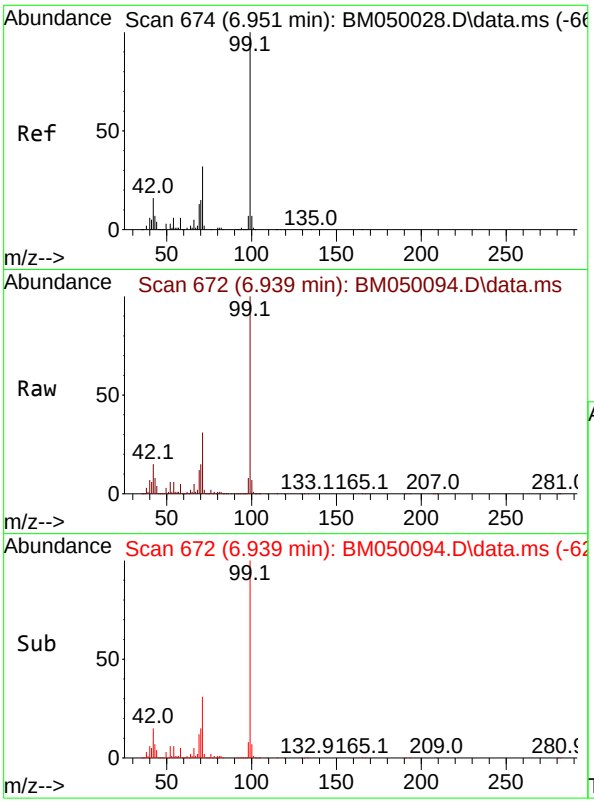


#5
2-Fluorophenol
Concen: 37.406 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050094.D
Acq: 02 May 2025 20:34

Tgt Ion:112 Resp: 875477

Ion	Ratio	Lower	Upper
112	100		
64	53.0	42.6	64.0
63	28.1	22.2	33.4



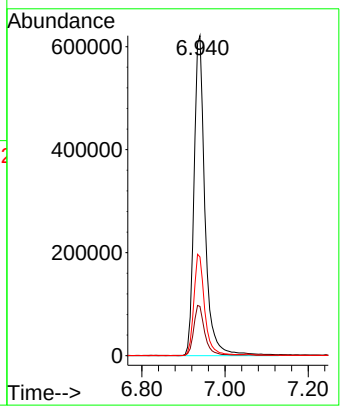


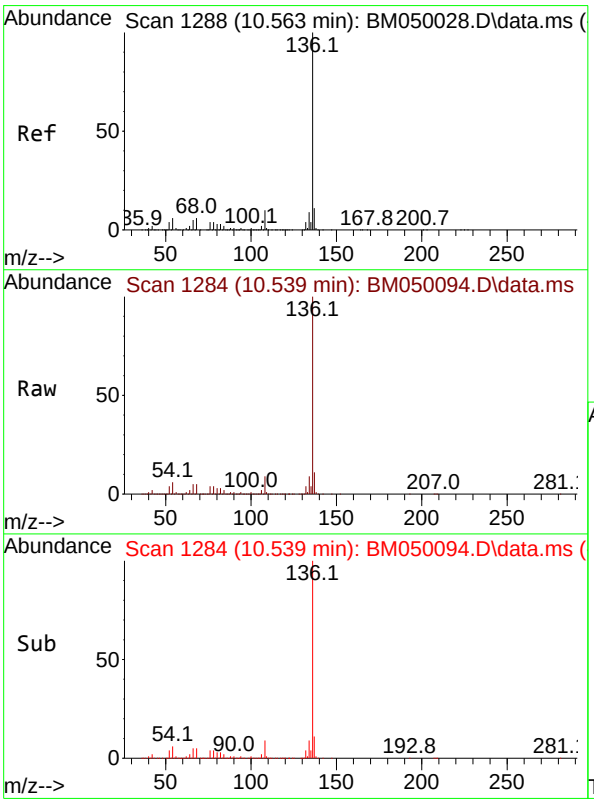
#7
Phenol-d6
Concen: 38.794 ng
RT: 6.939 min Scan# 6
Delta R.T. -0.012 min
Lab File: BM050094.D
Acq: 02 May 2025 20:34

Instrument :
BNA_M
ClientSampleId :
OK-01-050125

Tgt Ion: 99 Resp: 1141186

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.0	19.4
71	30.8	25.6	38.4

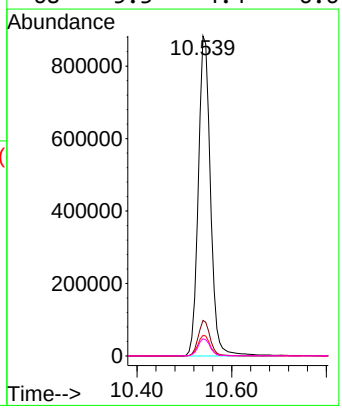


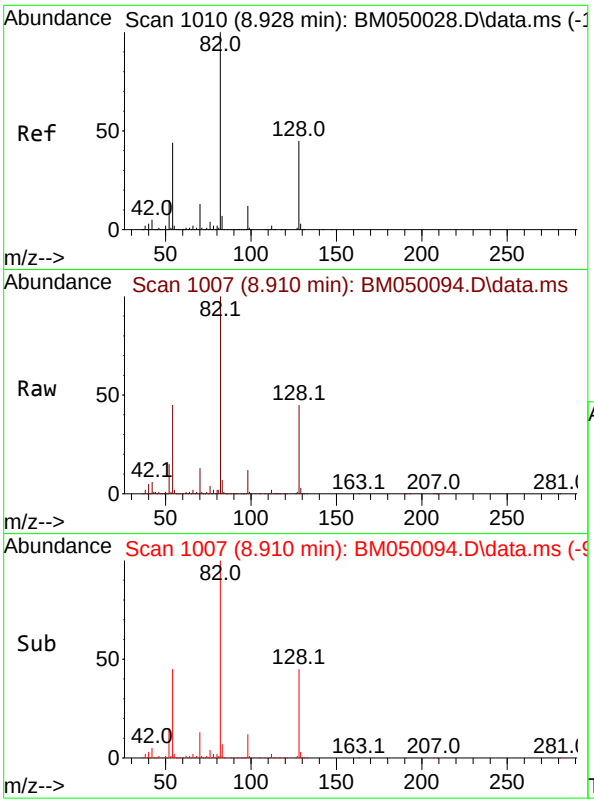


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050094.D
Acq: 02 May 2025 20:34

Tgt Ion:136 Resp: 1575589

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.4	5.1	7.7
68	5.3	4.4	6.6



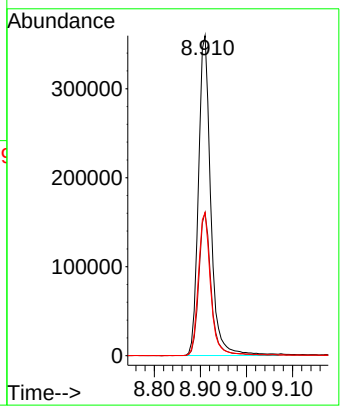


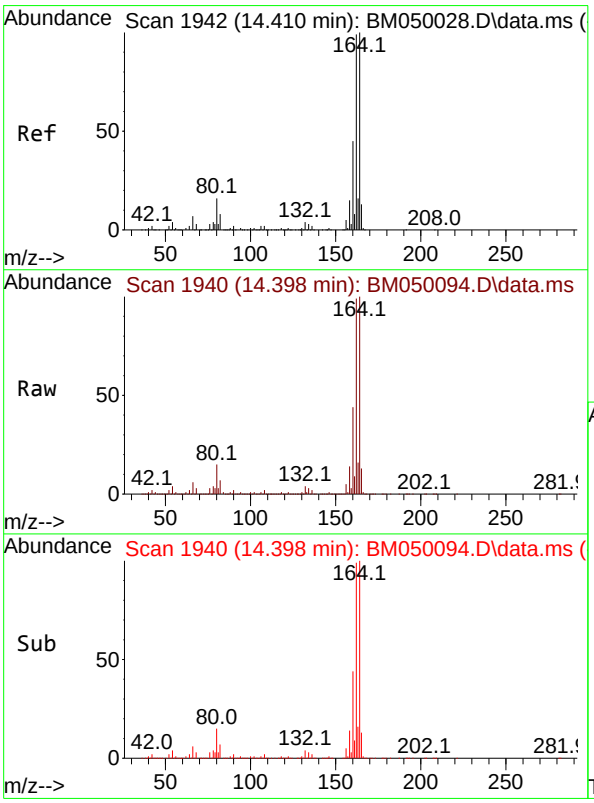
#23
Nitrobenzene-d5
Concen: 20.931 ng
RT: 8.910 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050094.D
Acq: 02 May 2025 20:34

Instrument :
BNA_M
ClientSampleId :
OK-01-050125

Tgt Ion: 82 Resp: 669274

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.7	53.5
54	44.7	35.4	53.2

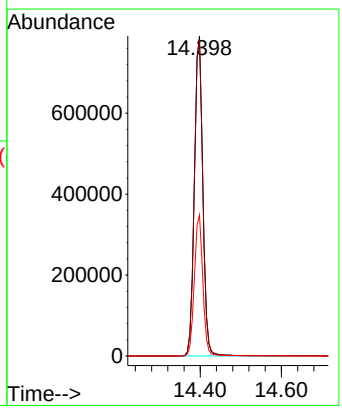


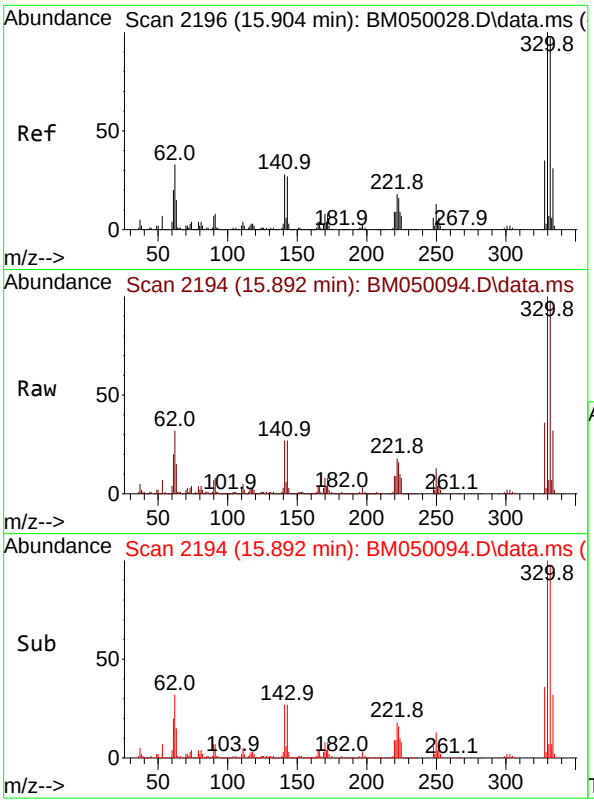


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. -0.012 min
Lab File: BM050094.D
Acq: 02 May 2025 20:34

Tgt Ion:164 Resp: 1152250

Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.4	119.0
160	44.1	36.2	54.4



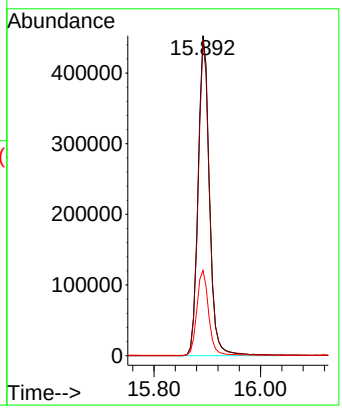


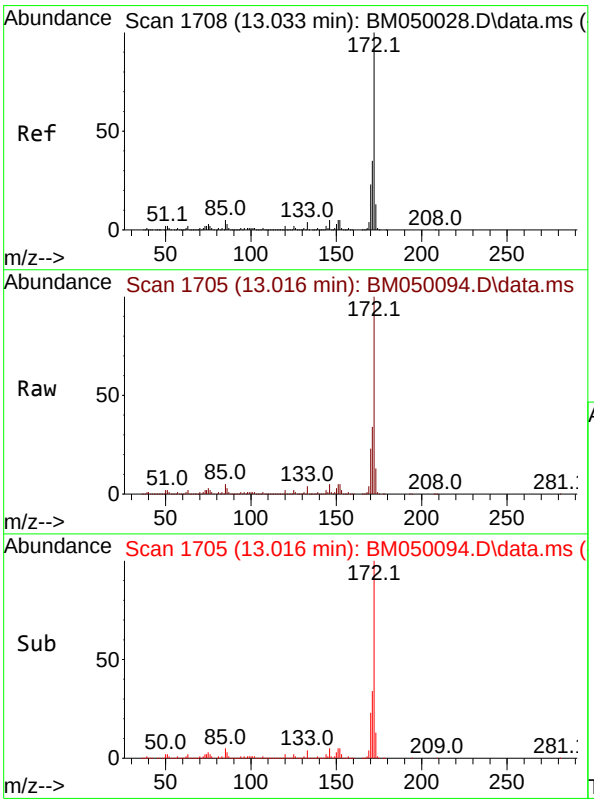
#42
2,4,6-Tribromophenol
Concen: 39.551 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050094.D
Acq: 02 May 2025 20:34

Instrument :
BNA_M
ClientSampleId :
OK-01-050125

Tgt Ion:330 Resp: 673844

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	27.1	22.5	33.7

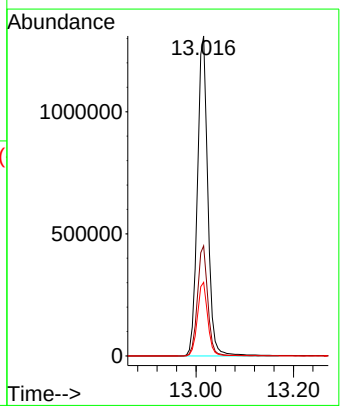


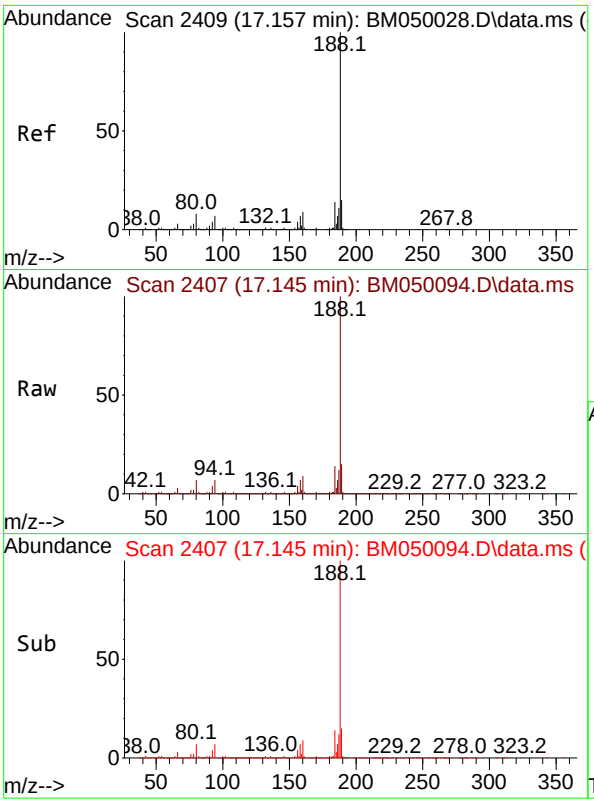


#45
2-Fluorobiphenyl
Concen: 20.054 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.018 min
Lab File: BM050094.D
Acq: 02 May 2025 20:34

Tgt Ion:172 Resp: 1953292

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	23.0	18.6	28.0



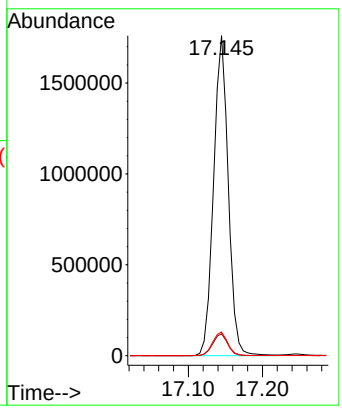


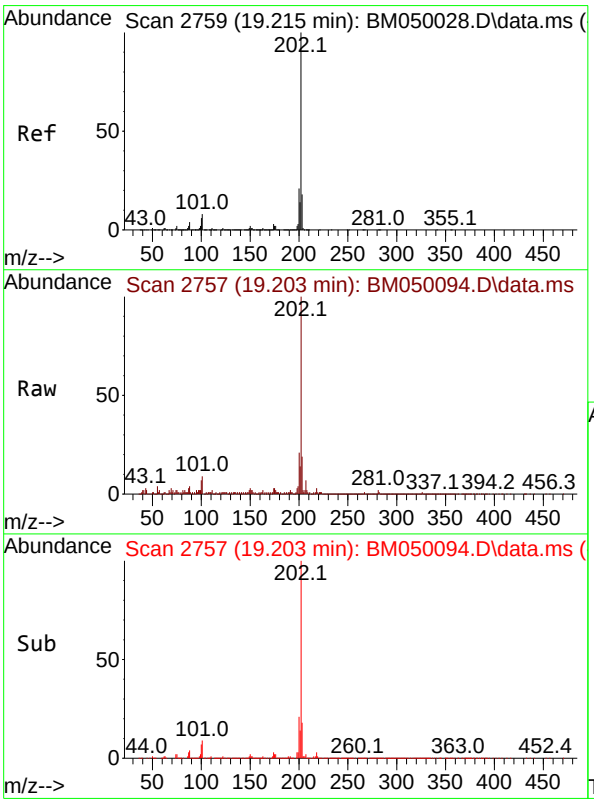
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050094.D
Acq: 02 May 2025 20:34

Instrument :
BNA_M
ClientSampleId :
OK-01-050125

Tgt Ion:188 Resp: 2420942

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.7	8.5
80	7.4	6.2	9.4

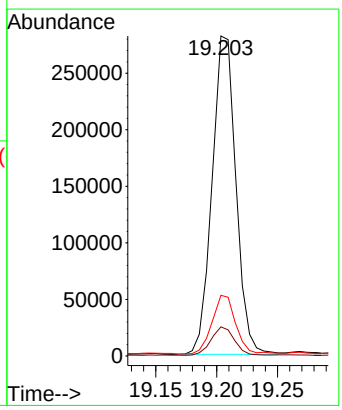


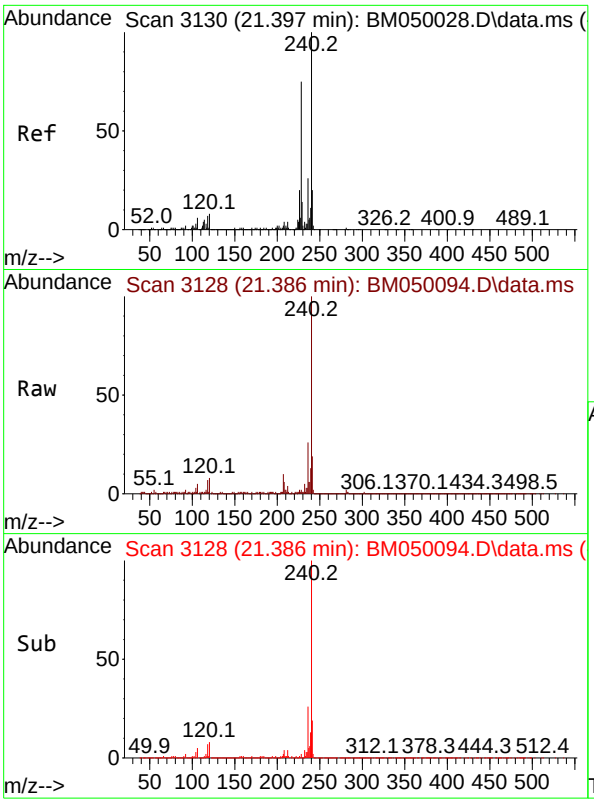


#75
Fluoranthene
Concen: 2.395 ng
RT: 19.203 min Scan# 2757
Delta R.T. -0.012 min
Lab File: BM050094.D
Acq: 02 May 2025 20:34

Tgt Ion:202 Resp: 383901

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	28.0
203	19.0	0.0	37.7



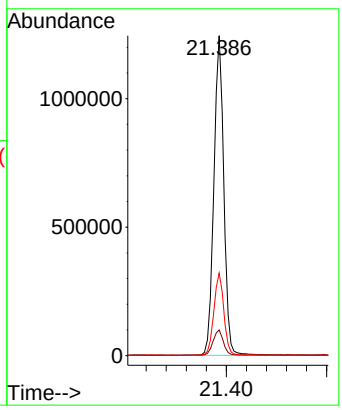


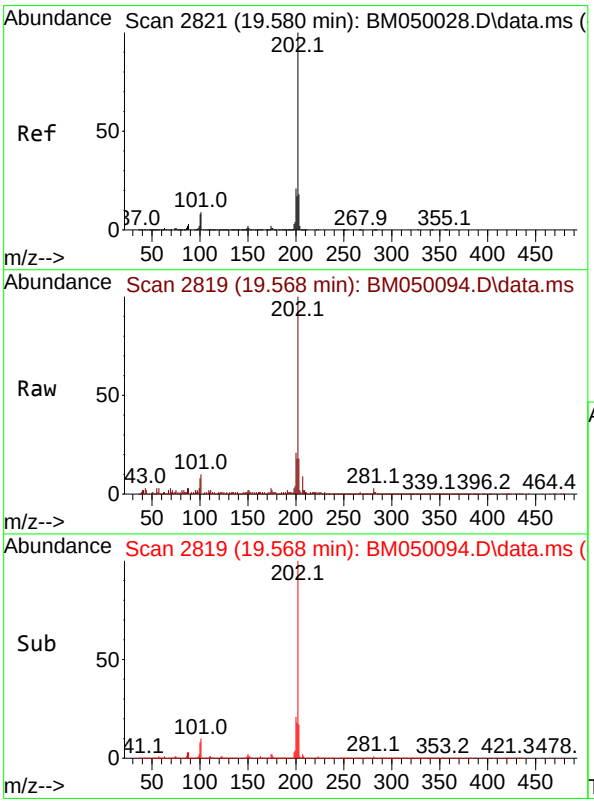
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM050094.D
Acq: 02 May 2025 20:34

Instrument :
BNA_M
ClientSampleId :
OK-01-050125

Tgt Ion:240 Resp: 1706448

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.5	9.7
236	25.8	20.9	31.3

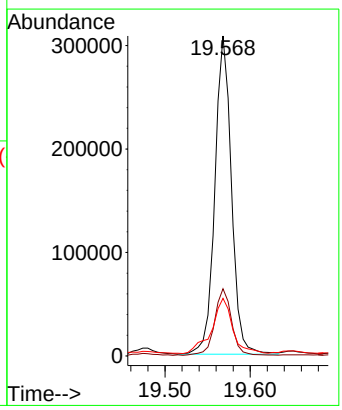


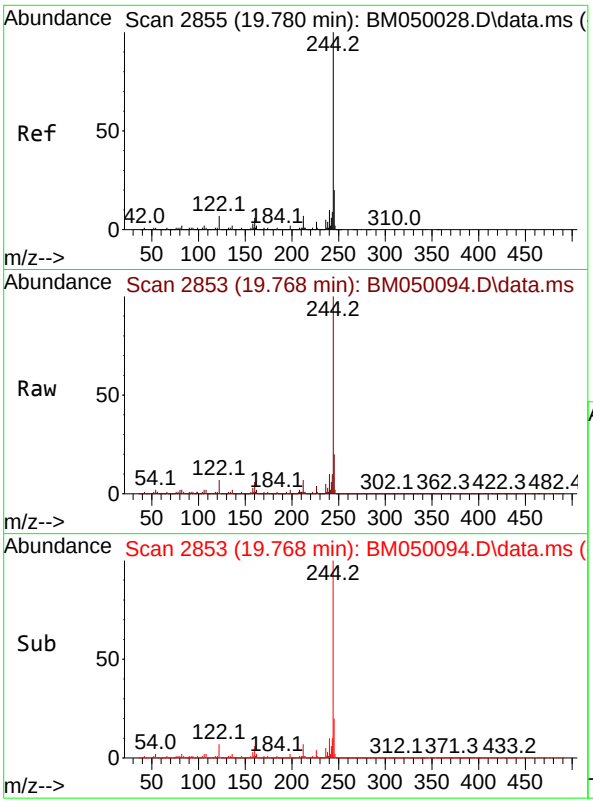


#78
Pyrene
Concen: 3.468 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BM050094.D
Acq: 02 May 2025 20:34

Tgt Ion:202 Resp: 415560

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	18.0	14.1	21.1



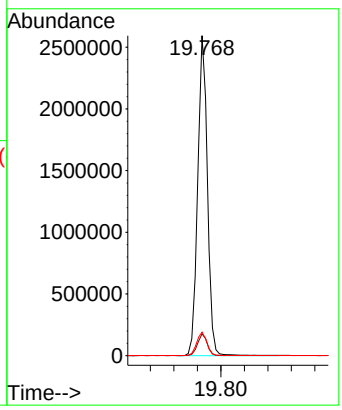


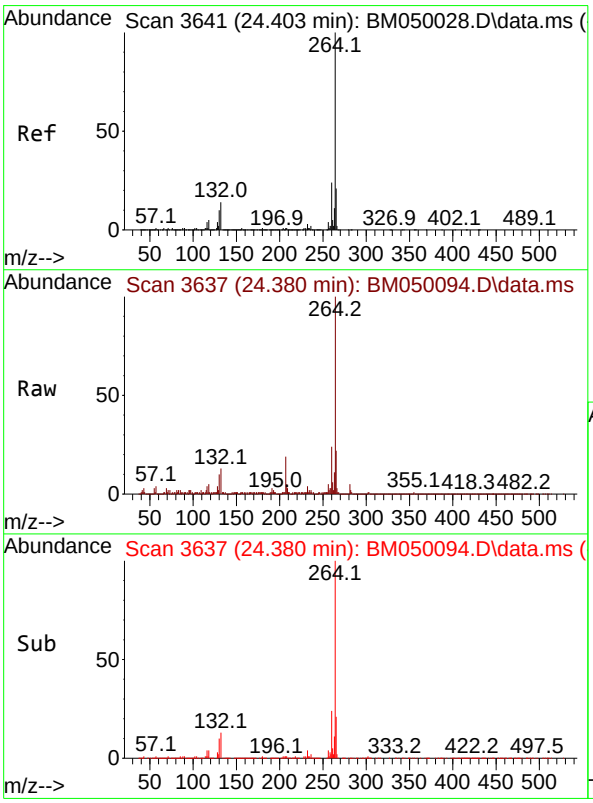
#79
Terphenyl-d14
Concen: 25.651 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050094.D
Acq: 02 May 2025 20:34

Instrument :
BNA_M
ClientSampleId :
OK-01-050125

Tgt Ion:244 Resp: 2958133

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	7.4	5.6	8.4

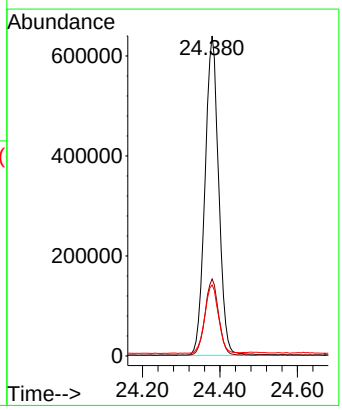


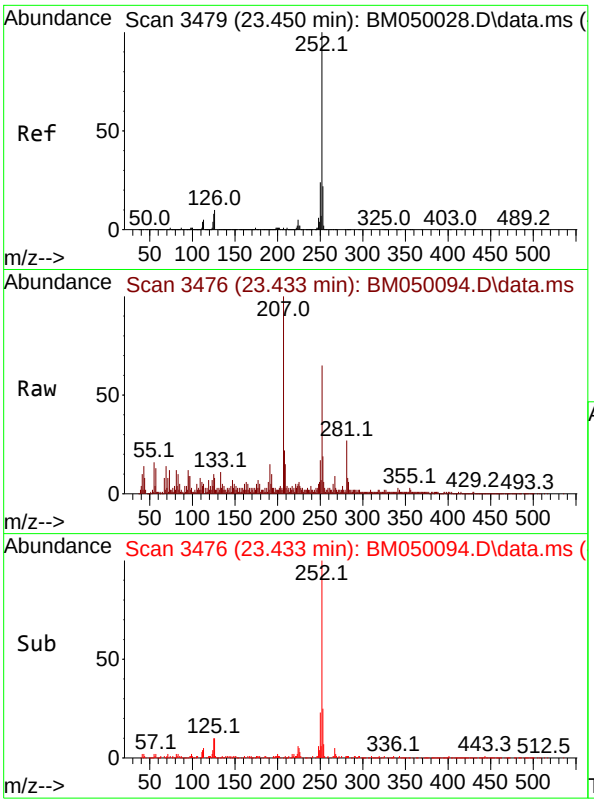


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.380 min Scan# 3637
Delta R.T. -0.024 min
Lab File: BM050094.D
Acq: 02 May 2025 20:34

Tgt Ion:264 Resp: 1569666

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	22.2	17.0	25.4





#88
Benzo(b)fluoranthene
Concen: 2.194 ng
RT: 23.433 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050094.D
Acq: 02 May 2025 20:34

Instrument :
BNA_M
ClientSampleId :
OK-01-050125

Tgt Ion:252 Resp: 223968

Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.7	26.5#
125	14.9	6.1	9.1#