Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050138.D
Acq On : 07 May 2025 17:03
Operator : RC/JU
Sample : Q1945-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3WDL

Quant Time: May 07 18:00:48 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	252681	20.000	ng		-0.02
21) Naphthalene-d8	10.539	136	948637	20.000	ng		-0.02
39) Acenaphthene-d10	14.392	164	680621	20.000	ng		-0.02
64) Phenanthrene-d10	17.145	188	1371677	20.000	ng		-0.01
76) Chrysene-d12	21.386	240	1252991	20.000	ng		-0.01
86) Perylene-d12	24.385	264	1255099	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	231975	16.076	ng		-0.02
7) Phenol-d6	6.951	99	184138	10.153	ng		0.00
23) Nitrobenzene-d5	8.910	82	305105	15.849	ng		-0.02
42) 2,4,6-Tribromophenol	15.898	330	269859	26.815	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	867165	15.072	ng		-0.02
79) Terphenyl-d14	19.768	244	1273016	15.034	ng		-0.01
Target Compounds							Qvalue
35) Caprolactam	11.486	113	130629	28.357	ng		93
54) 2,4-Dinitrophenol	14.592	184	112	5.759	ng	#	1
56) 4-Nitrophenol	14.668	139	161	4.553	ng	#	1

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

Quantitation Report (Not Reviewed)

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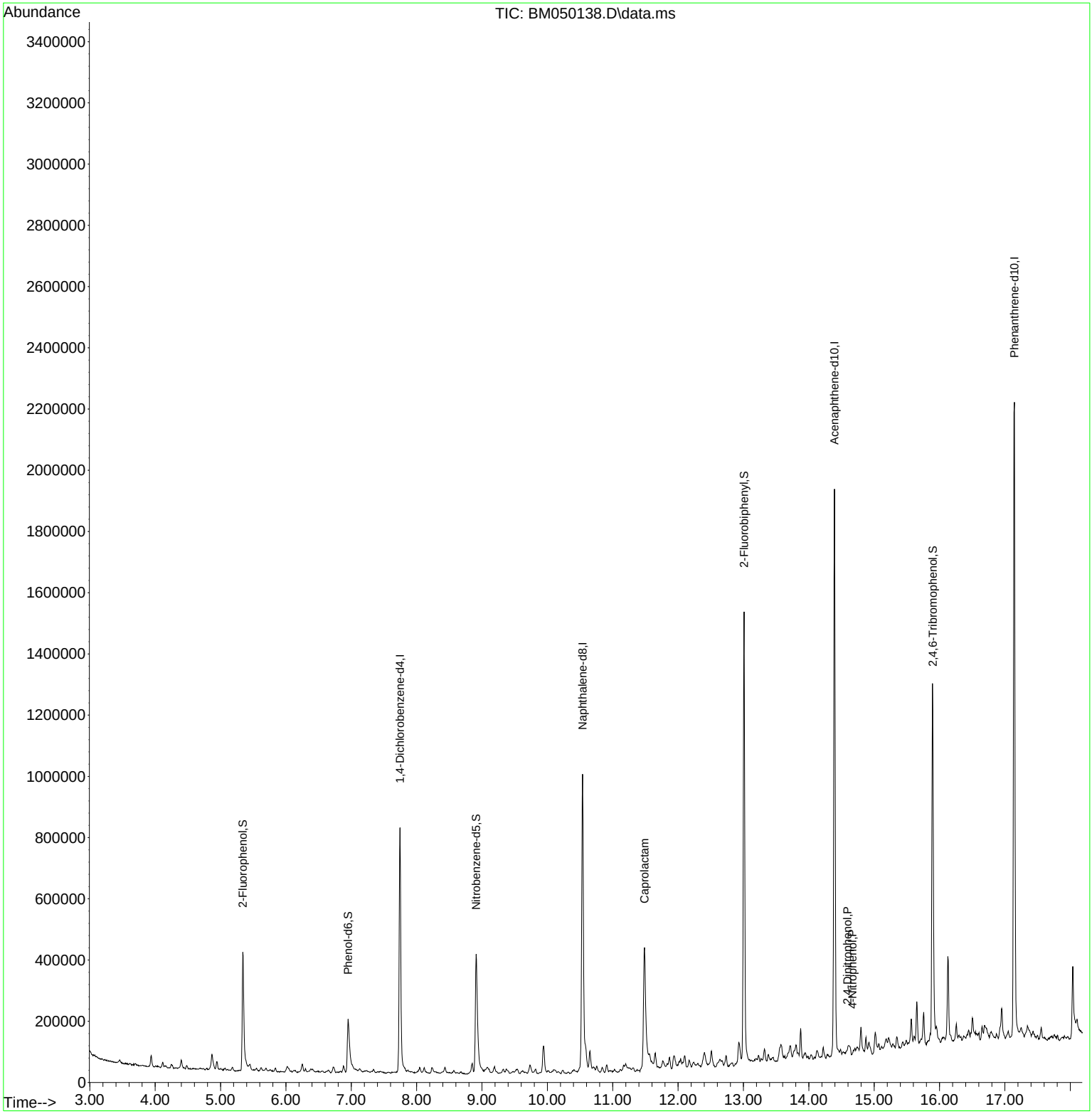

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050138.D
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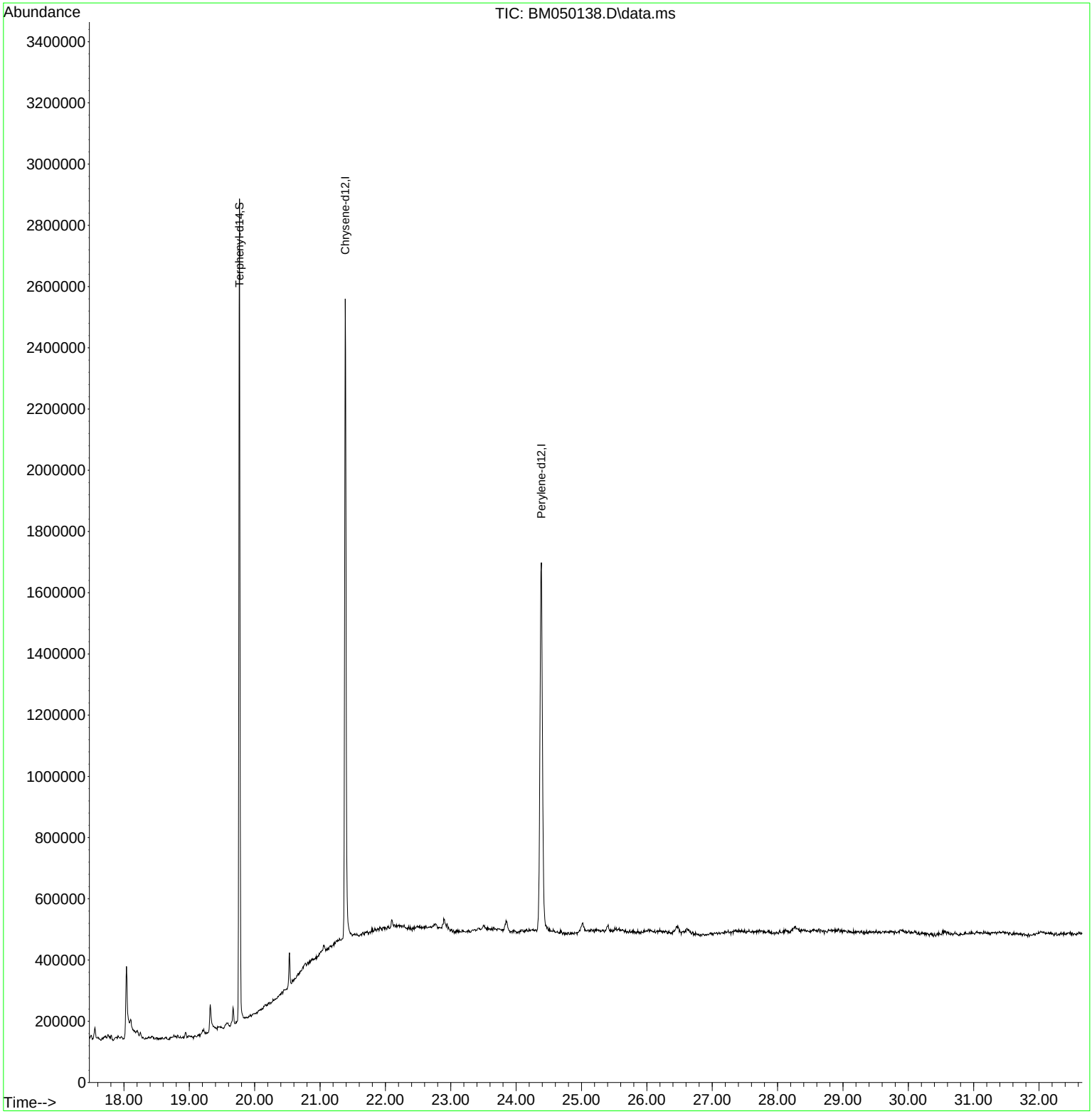
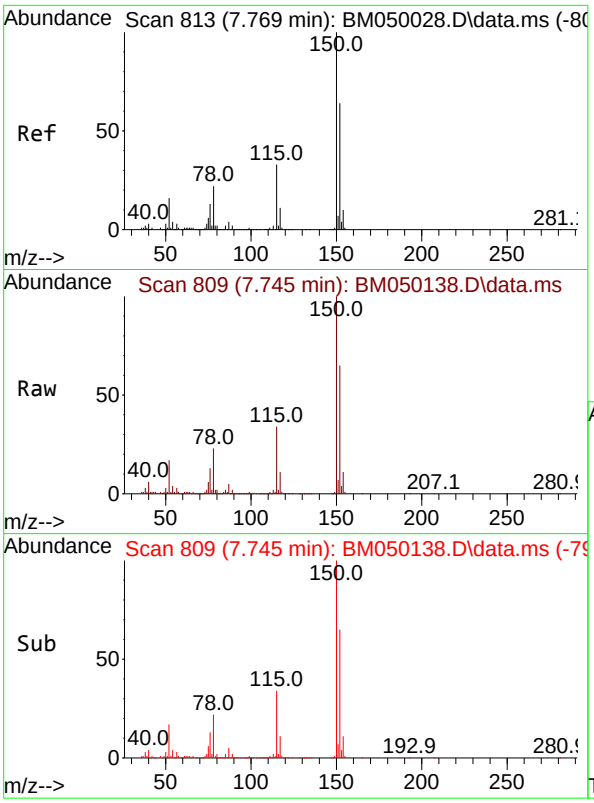


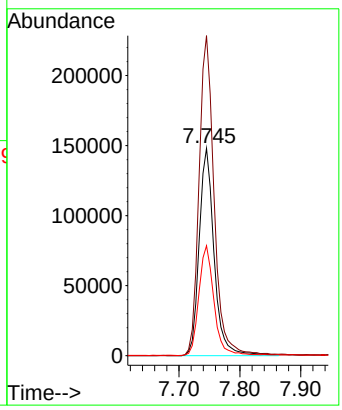


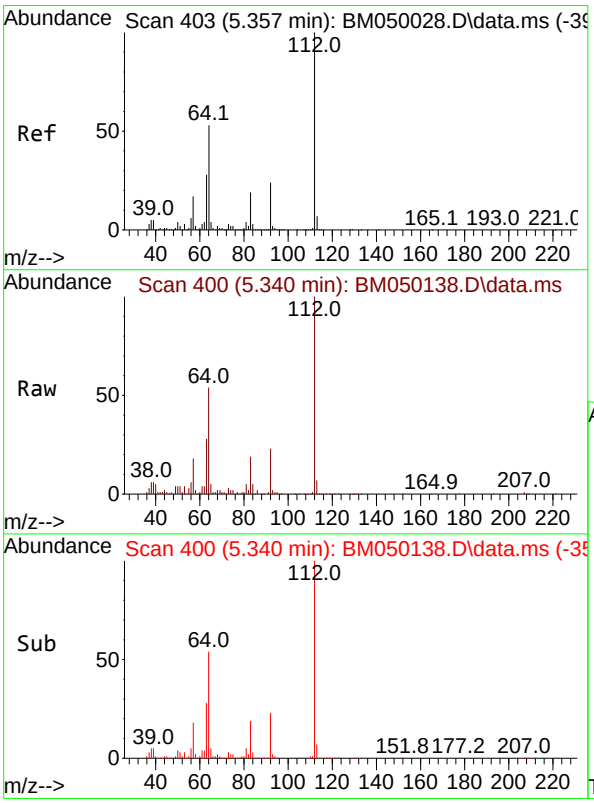
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Instrument :
BNA_M
ClientSampleId :
GB3WDL

Tgt Ion:152 Resp: 252681

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.1	186.1
115	53.0	41.2	61.8

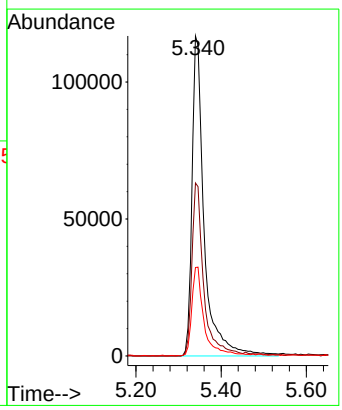


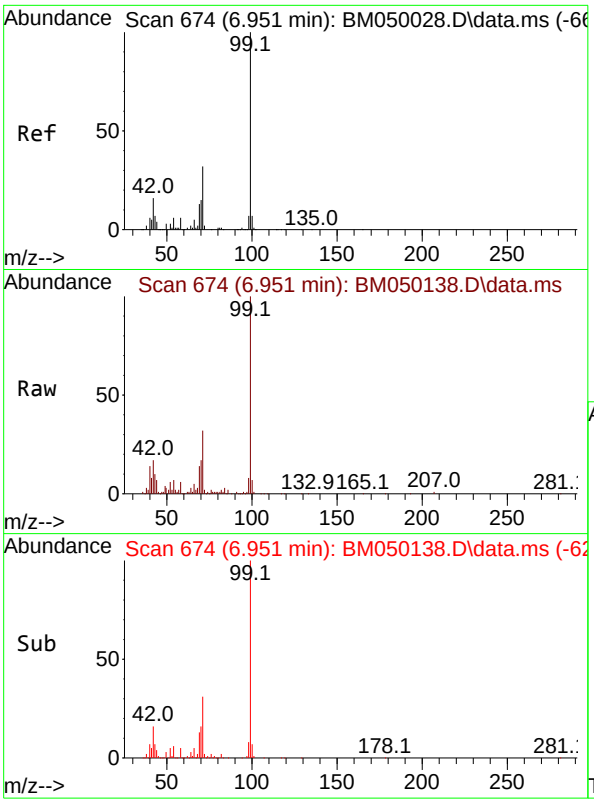


#5
2-Fluorophenol
Concen: 16.076 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Tgt Ion:112 Resp: 231975

Ion	Ratio	Lower	Upper
112	100		
64	54.0	42.6	64.0
63	27.7	22.2	33.4



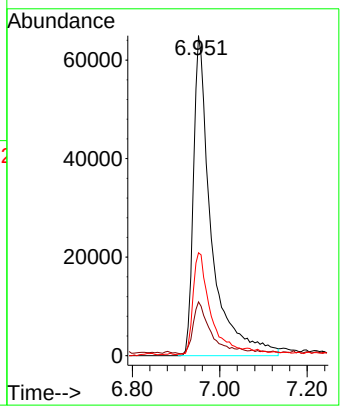


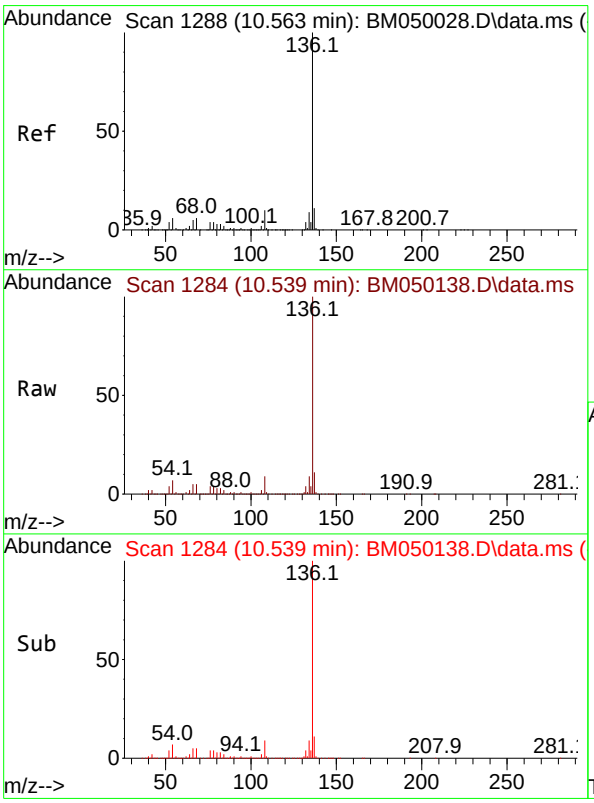
#7
Phenol-d6
Concen: 10.153 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Instrument :
BNA_M
ClientSampleId :
GB3WDL

Tgt Ion: 99 Resp: 184138

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.0	19.4
71	32.2	25.6	38.4

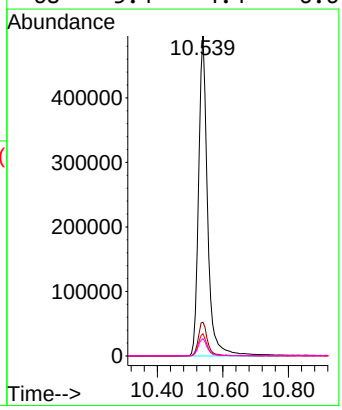


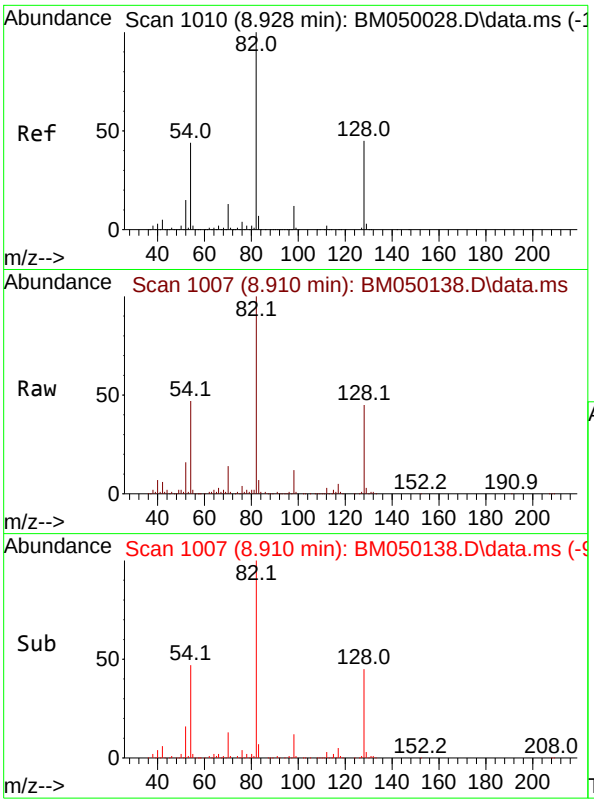


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Tgt Ion:136 Resp: 948637

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.0	5.1	7.7
68	5.4	4.4	6.6



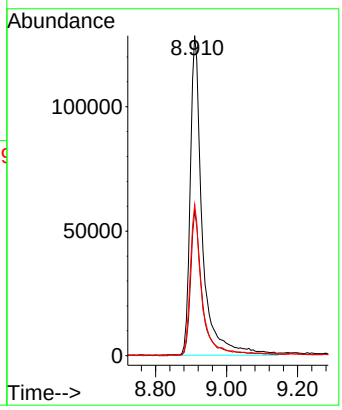


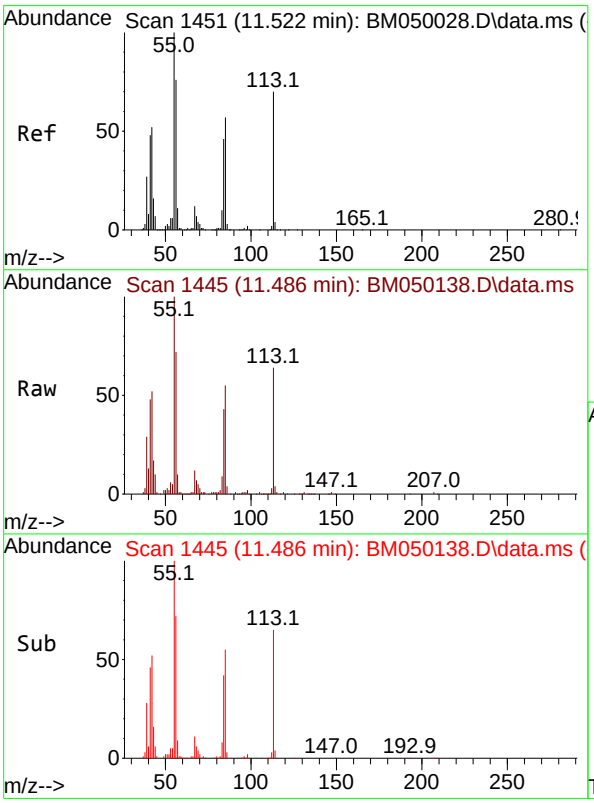
#23
Nitrobenzene-d5
Concen: 15.849 ng
RT: 8.910 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Instrument :
BNA_M
ClientSampleId :
GB3WDL

Tgt Ion: 82 Resp: 305105

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.7	53.5
54	47.3	35.4	53.2

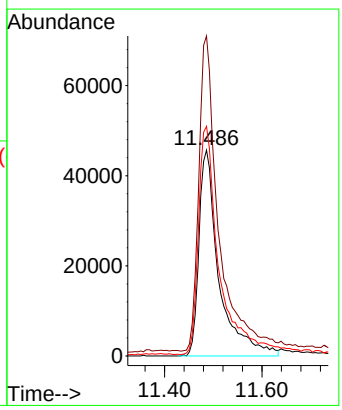


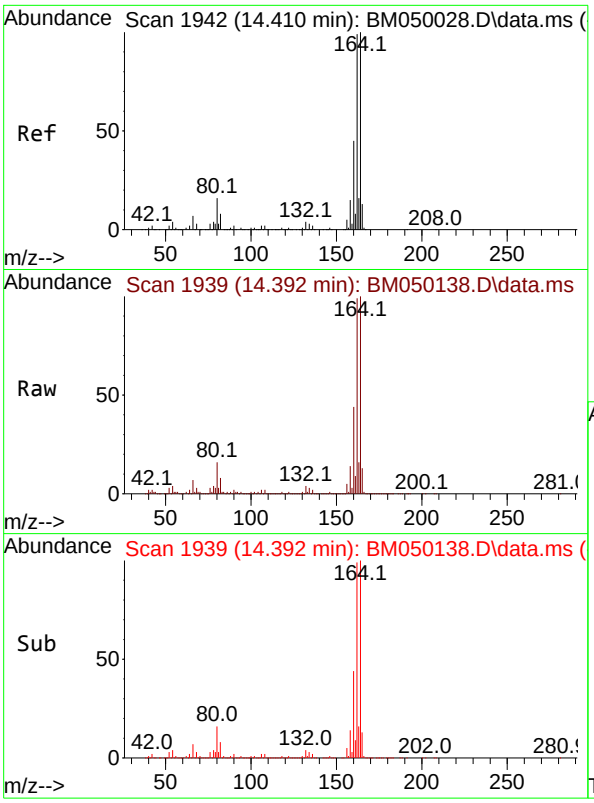


#35
Caprolactam
Concen: 28.357 ng
RT: 11.486 min Scan# 1445
Delta R.T. -0.035 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Tgt Ion:113 Resp: 130629

Ion	Ratio	Lower	Upper
113	100		
55	155.5	122.9	162.9
56	111.6	88.1	128.1



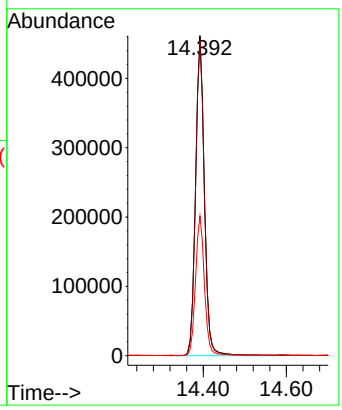


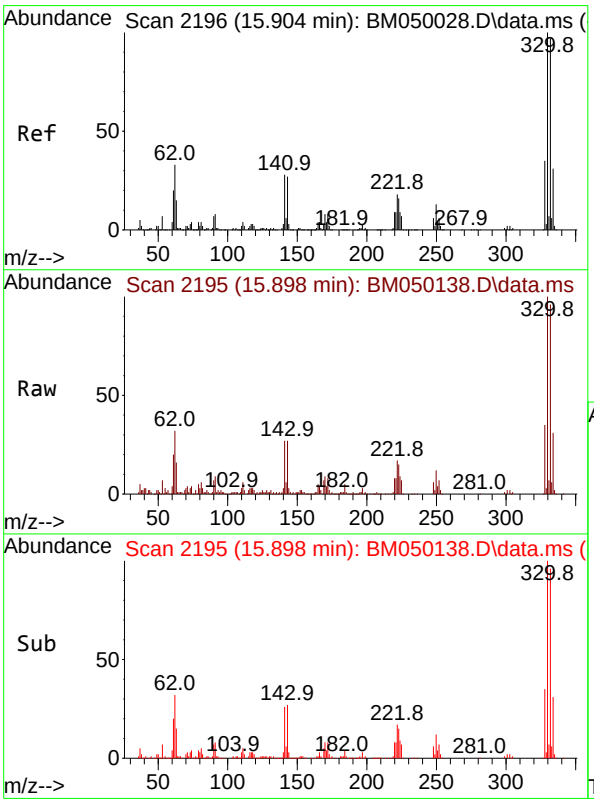
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Instrument :
BNA_M
ClientSampleId :
GB3WDL

Tgt Ion:164 Resp: 680621

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.4	119.0
160	43.6	36.2	54.4

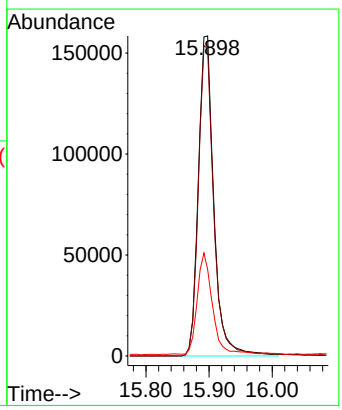


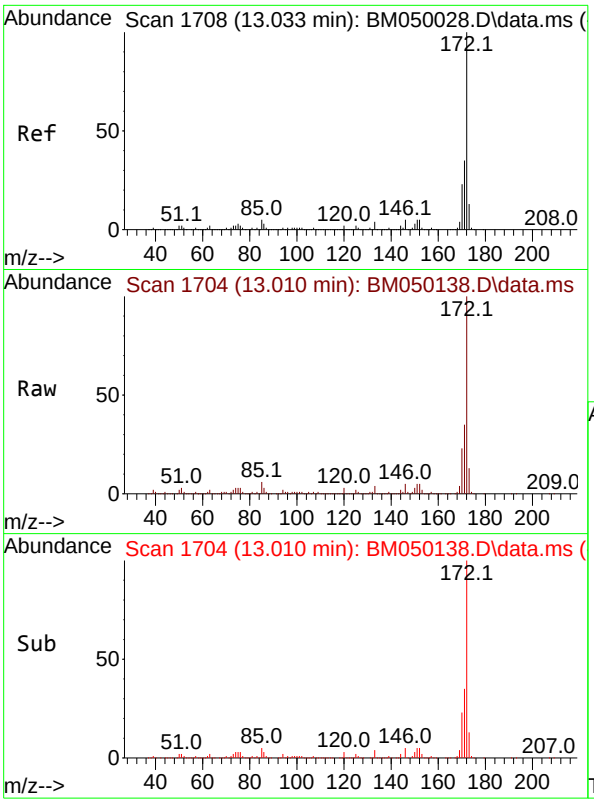


#42
2,4,6-Tribromophenol
Concen: 26.815 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Tgt Ion:330 Resp: 269859

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	30.6	22.5	33.7



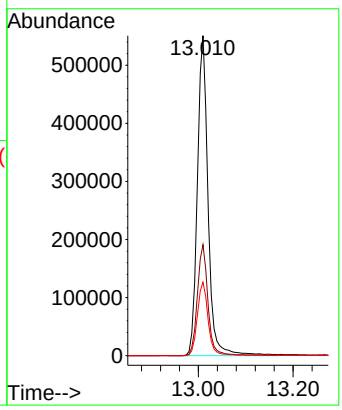


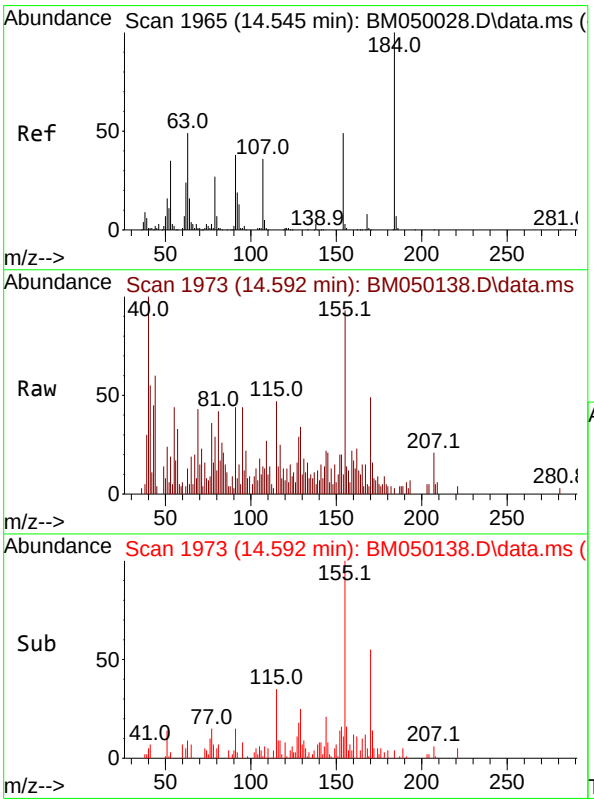
#45
2-Fluorobiphenyl
Concen: 15.072 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Instrument :
BNA_M
ClientSampleId :
GB3WDL

Tgt Ion:172 Resp: 867165

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	22.9	18.6	28.0

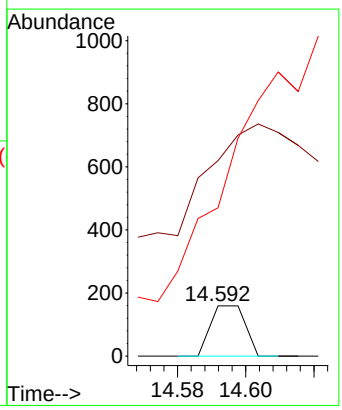


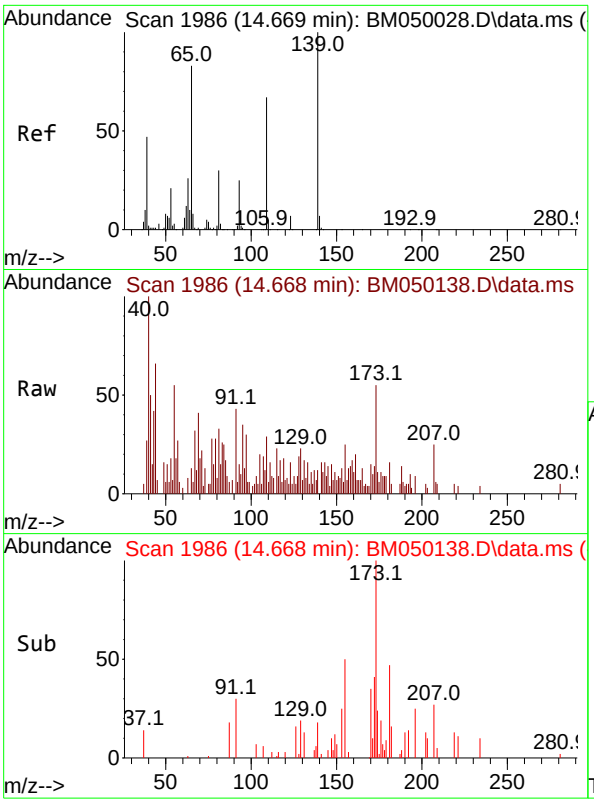


#54
2,4-Dinitrophenol
Concen: 5.759 ng
RT: 14.592 min Scan# 1973
Delta R.T. 0.047 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Tgt Ion:184 Resp: 112

Ion	Ratio	Lower	Upper
184	100		
63	389.9	39.8	59.6#
154	295.6	46.1	69.1#



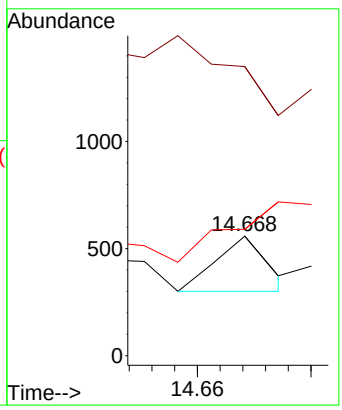


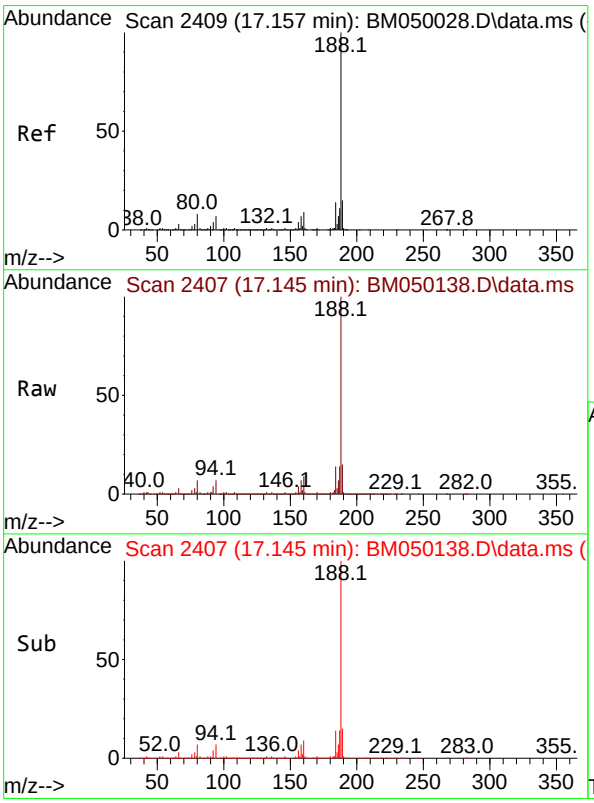
#56
4-Nitrophenol
Concen: 4.553 ng
RT: 14.668 min Scan# 1
Delta R.T. -0.001 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Instrument :
BNA_M
ClientSampleId :
GB3WDL

Tgt Ion:139 Resp: 161

Ion	Ratio	Lower	Upper
139	100		
109	241.9	47.0	87.0#
65	105.7	64.3	104.3#

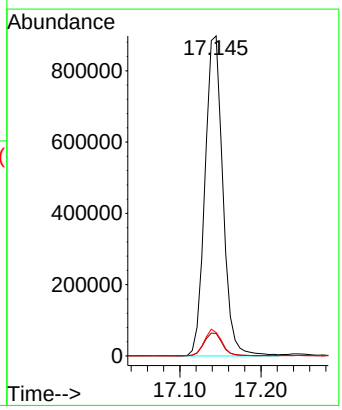


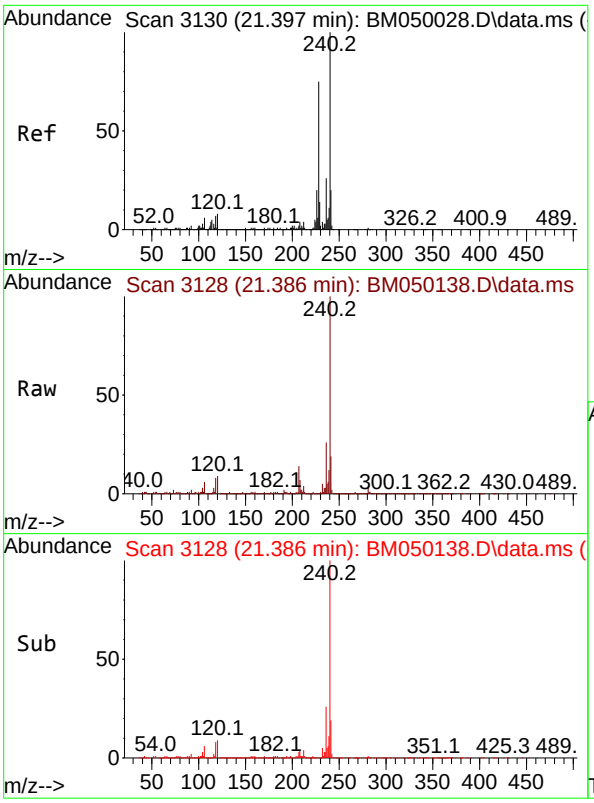


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Tgt Ion:188 Resp: 1371677

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	7.4	6.2	9.4



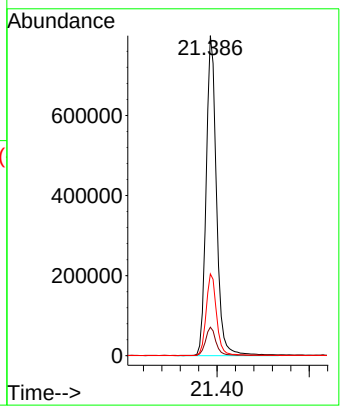


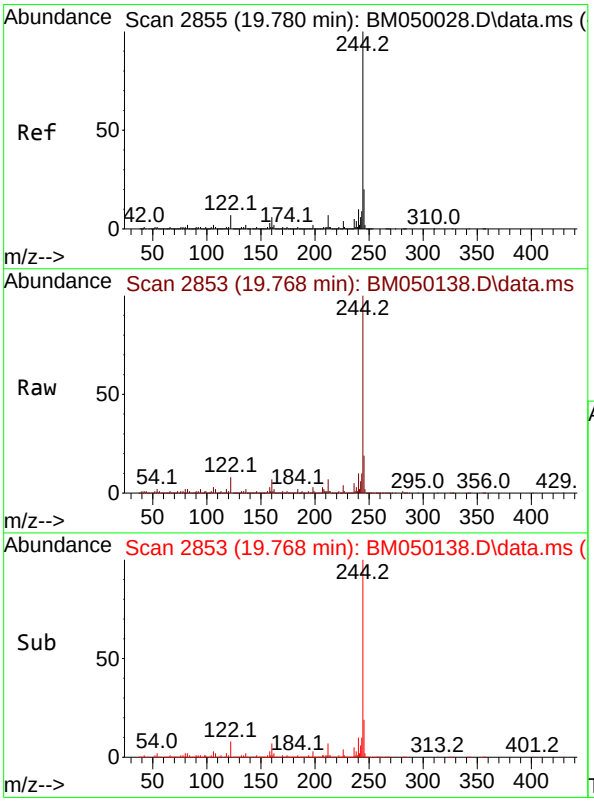
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Instrument :
BNA_M
ClientSampleId :
GB3WDL

Tgt Ion:240 Resp: 1252991

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.5	9.7
236	25.5	20.9	31.3

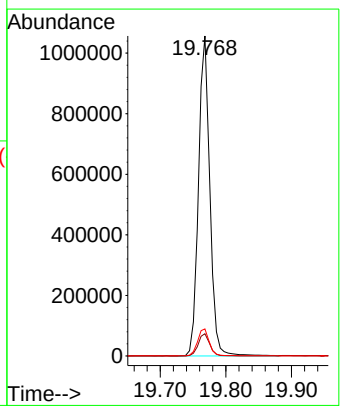


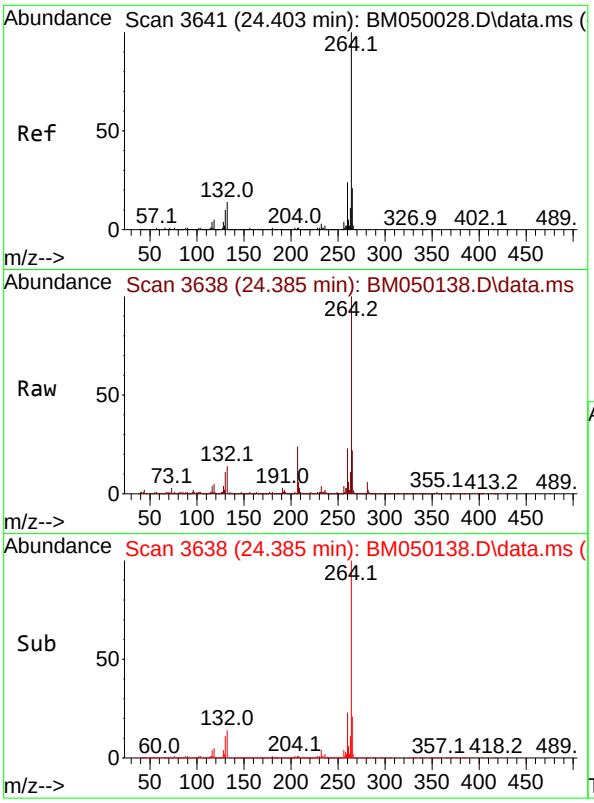


#79
Terphenyl-d14
Concen: 15.034 ng
RT: 19.768 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Tgt Ion:244 Resp: 1273016

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





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.385 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Instrument :
BNA_M
ClientSampleId :
GB3WDL

Tgt Ion:264 Resp: 1255099

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	22.1	17.0	25.4