Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
Data File : BM050015.D
Acq On : 23 Apr 2025 15:55
Operator : RC/JU
Sample : Q1858-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

Quant Time: Apr 23 16:51:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	268192	20.000	ng	-0.02
21) Naphthalene-d8	10.557	136	920312	20.000	ng	-0.02
39) Acenaphthene-d10	14.410	164	612241	20.000	ng	-0.01
64) Phenanthrene-d10	17.156	188	1242938	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1324636	20.000	ng	0.00
86) Perylene-d12	24.403	264	1398709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1263176	79.979	ng	0.00
7) Phenol-d6	6.945	99	1551306	78.945	ng	0.00
23) Nitrobenzene-d5	8.922	82	933733	56.497	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	735934	82.640	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	2386764	52.863	ng	-0.02
79) Terphenyl-d14	19.780	244	3869225	54.740	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	9.898	122	115	8.546	ng	# 18
54) 2,4-Dinitrophenol	14.410	184	54	7.232	ng	# 1
63) Azobenzene	15.768	77	262673	7.407	ng	# 1
71) Phenanthrene	17.198	178	166855	2.449	ng	98
75) Fluoranthene	19.215	202	232707	2.777	ng	99
78) Pyrene	19.580	202	221220	2.423	ng	100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
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Acq On : 23 Apr 2025 15:55
Operator : RC/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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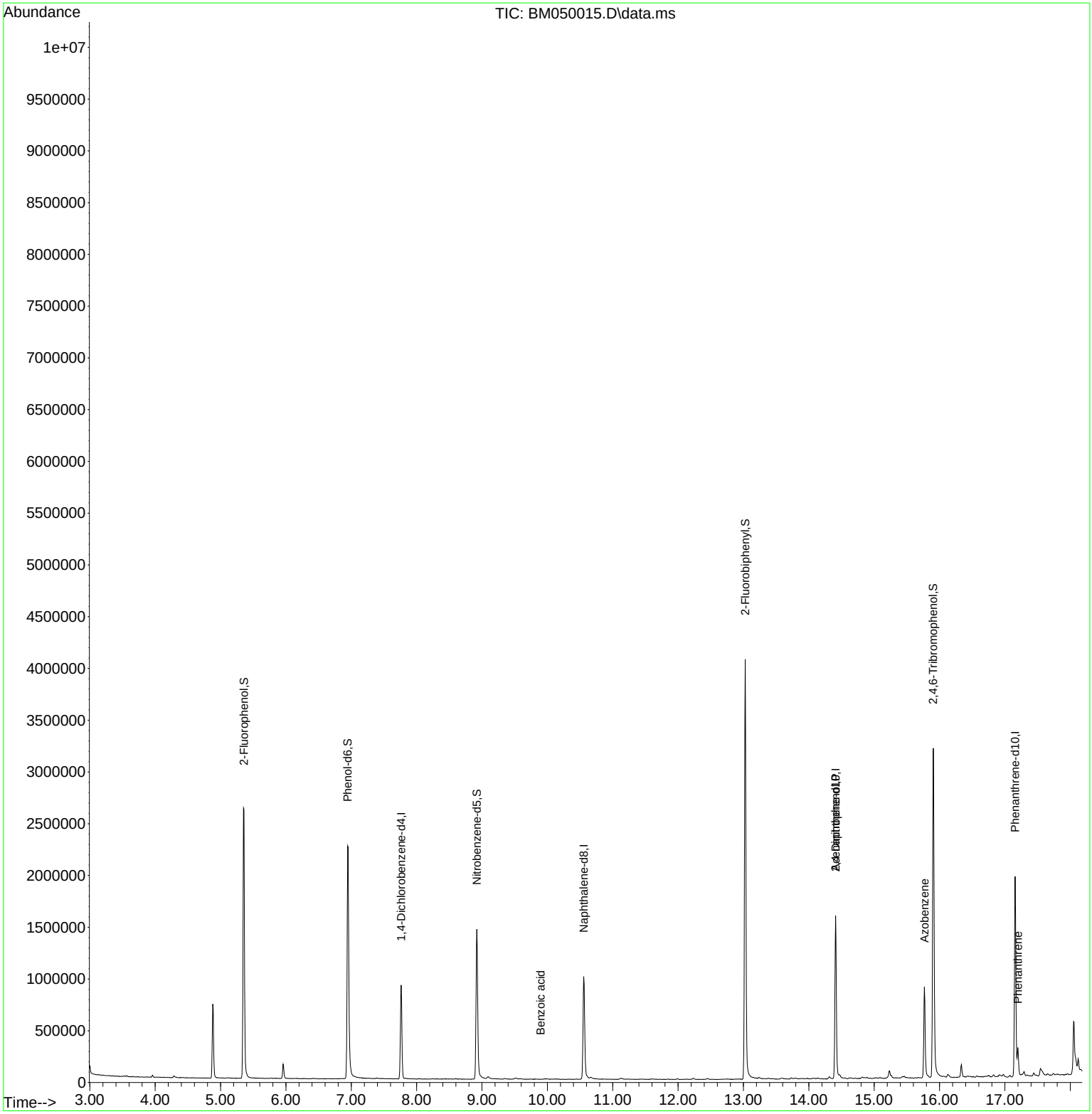
Quant Time: Apr 23 16:51:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

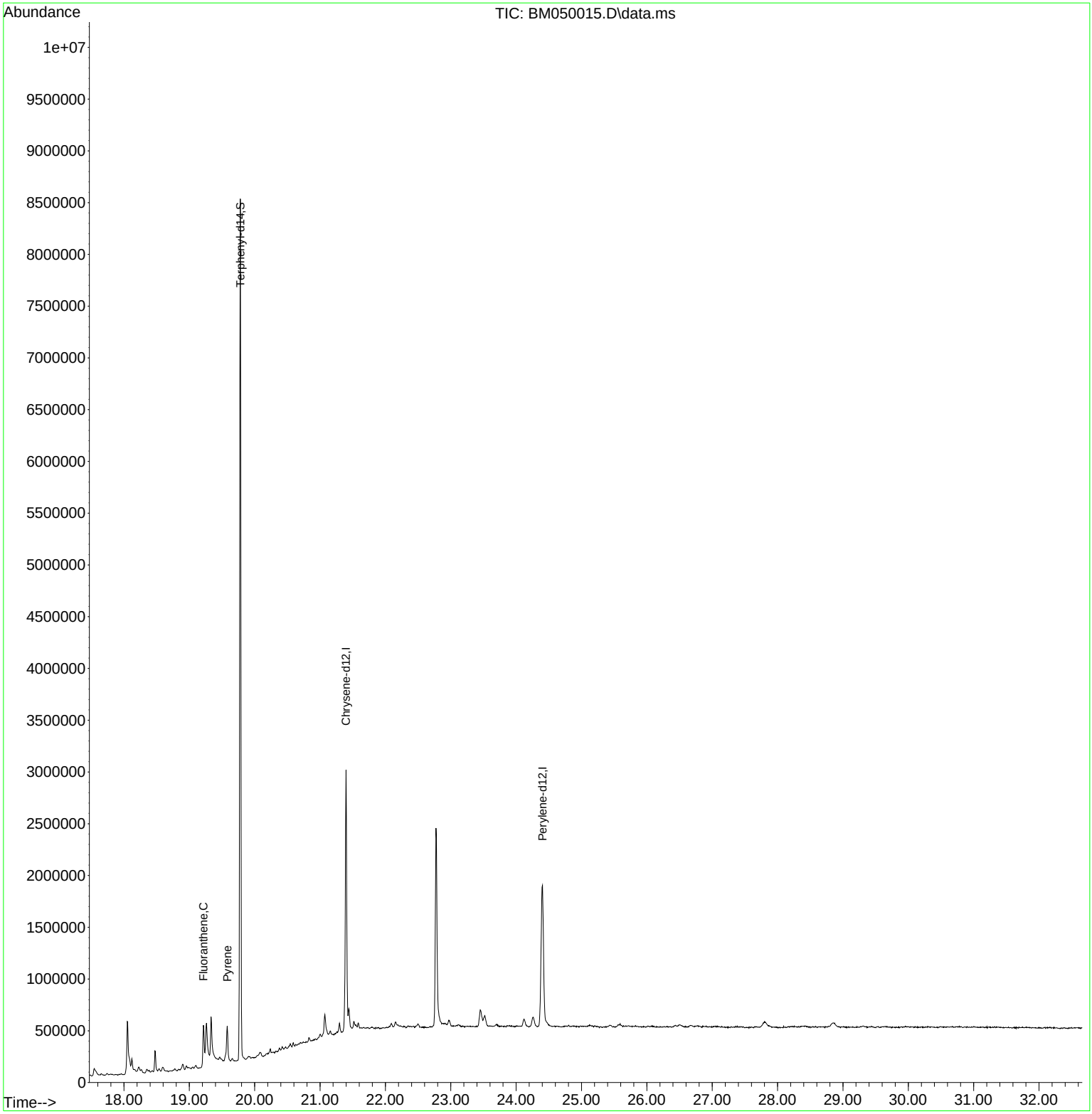


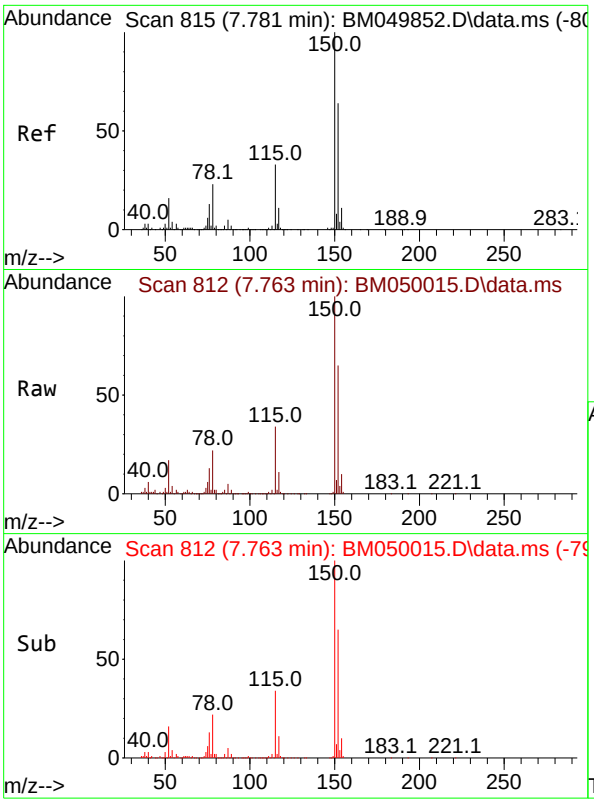
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
Data File : BM050015.D
Acq On : 23 Apr 2025 15:55
Operator : RC/JU
Sample : Q1858-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

Quant Time: Apr 23 16:51:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



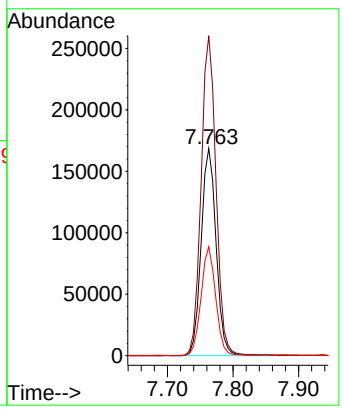


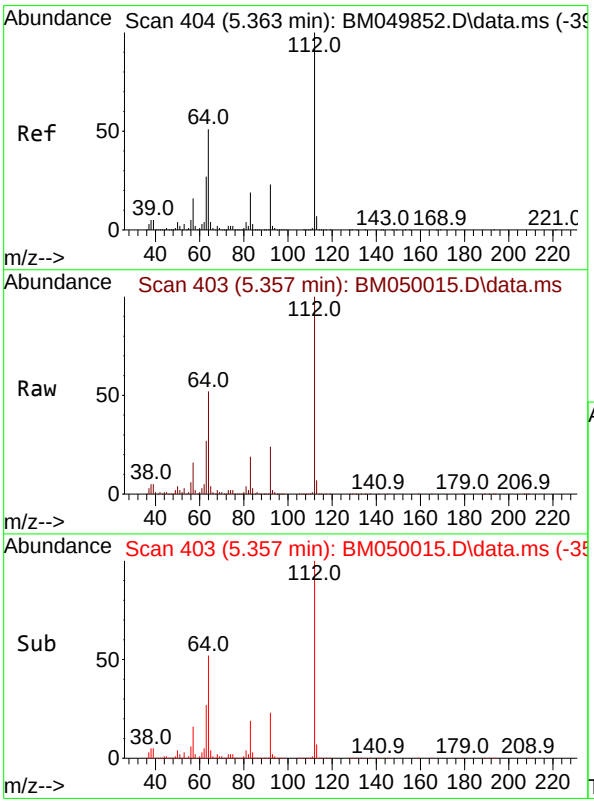
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 8
Delta R.T. -0.018 min
Lab File: BM050015.D
Acq: 23 Apr 2025 15:55

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion:152 Resp: 268192

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.3	186.5
115	52.6	41.1	61.7

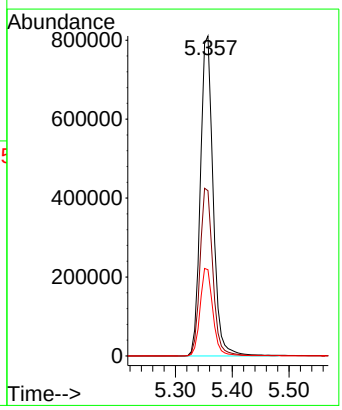


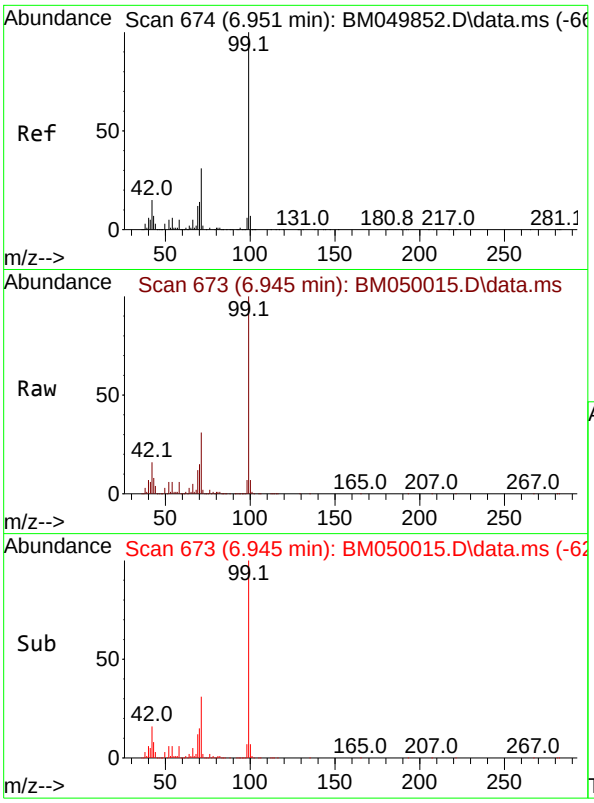


#5
2-Fluorophenol
Concen: 79.979 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM050015.D
Acq: 23 Apr 2025 15:55

Tgt Ion:112 Resp: 1263176

Ion	Ratio	Lower	Upper
112	100		
64	51.7	41.0	61.6
63	26.9	21.5	32.3



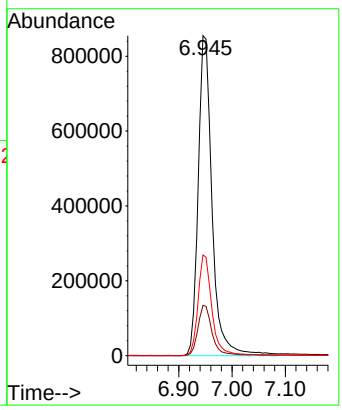


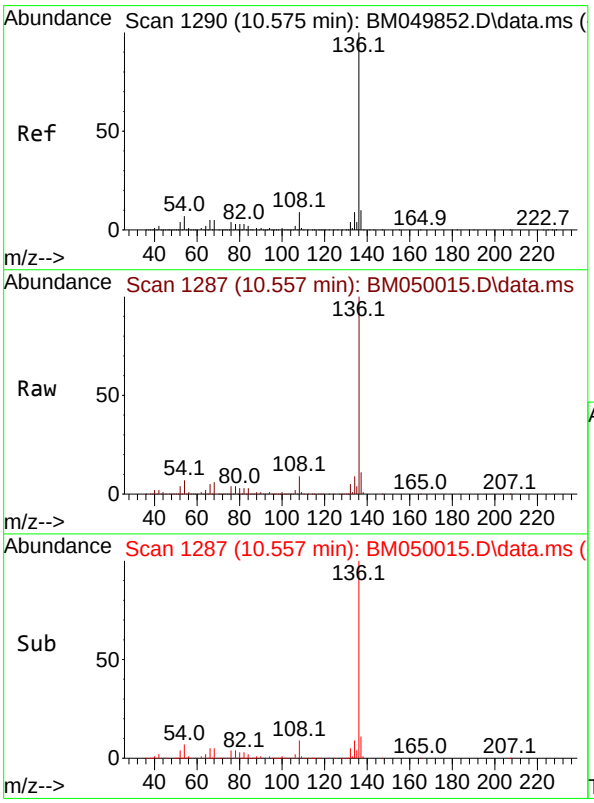
#7
Phenol-d6
Concen: 78.945 ng
RT: 6.945 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050015.D
Acq: 23 Apr 2025 15:55

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion: 99 Resp: 1551306

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.1	18.1
71	31.5	24.9	37.3

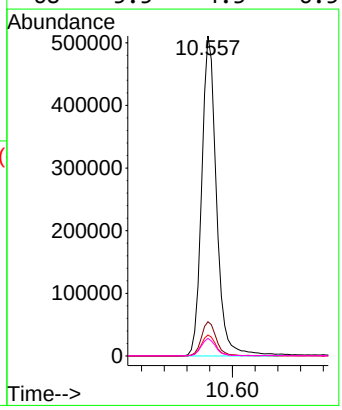


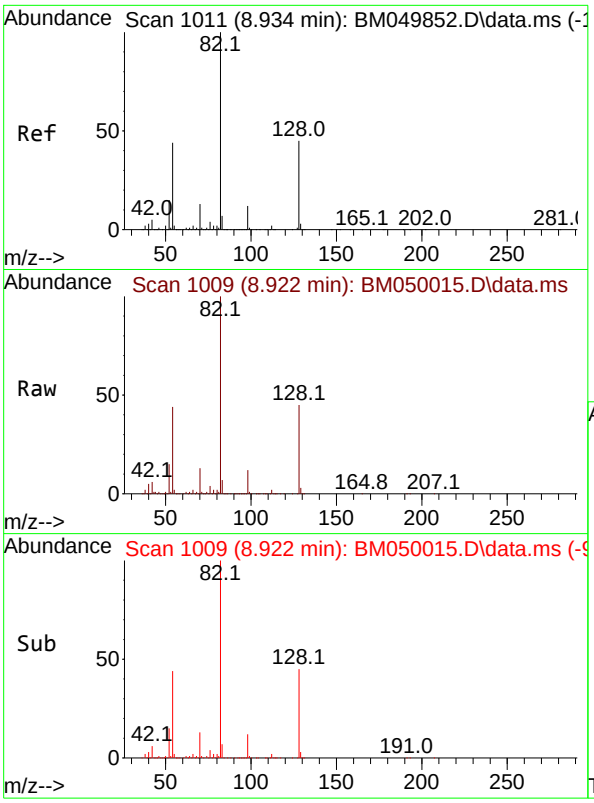


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BM050015.D
Acq: 23 Apr 2025 15:55

Tgt Ion:136 Resp: 920312

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	6.6	5.3	7.9
68	5.5	4.3	6.5



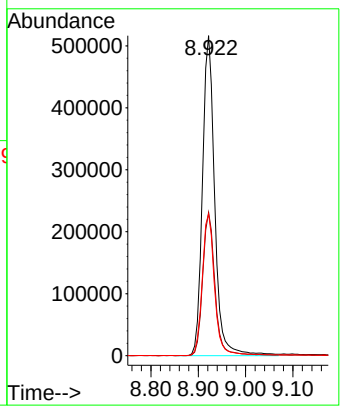


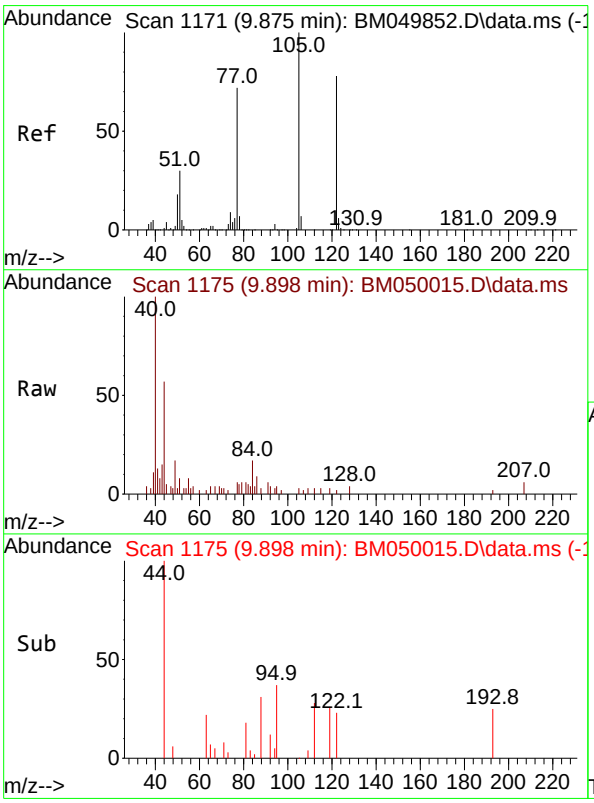
#23
Nitrobenzene-d5
Concen: 56.497 ng
RT: 8.922 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BM050015.D
Acq: 23 Apr 2025 15:55

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion: 82 Resp: 933733

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.2	54.2
54	44.3	35.0	52.6

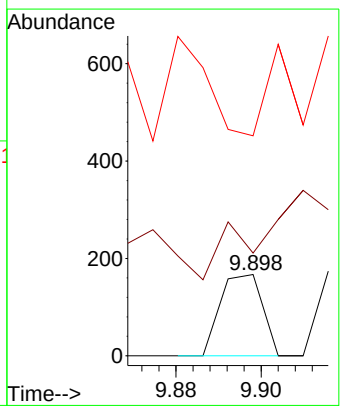


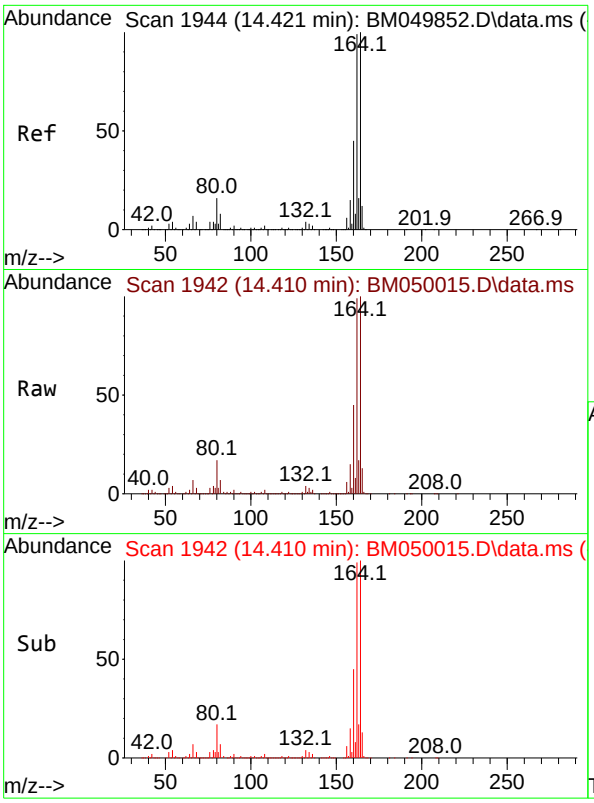


#32
Benzoic acid
Concen: 8.546 ng
RT: 9.898 min Scan# 1175
Delta R.T. 0.023 min
Lab File: BM050015.D
Acq: 23 Apr 2025 15:55

Tgt Ion:122 Resp: 115

Ion	Ratio	Lower	Upper
122	100		
105	126.3	103.8	143.8
77	270.7	70.7	110.7#



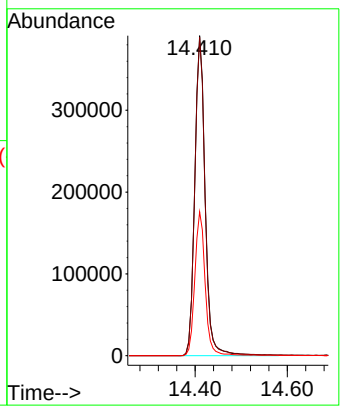


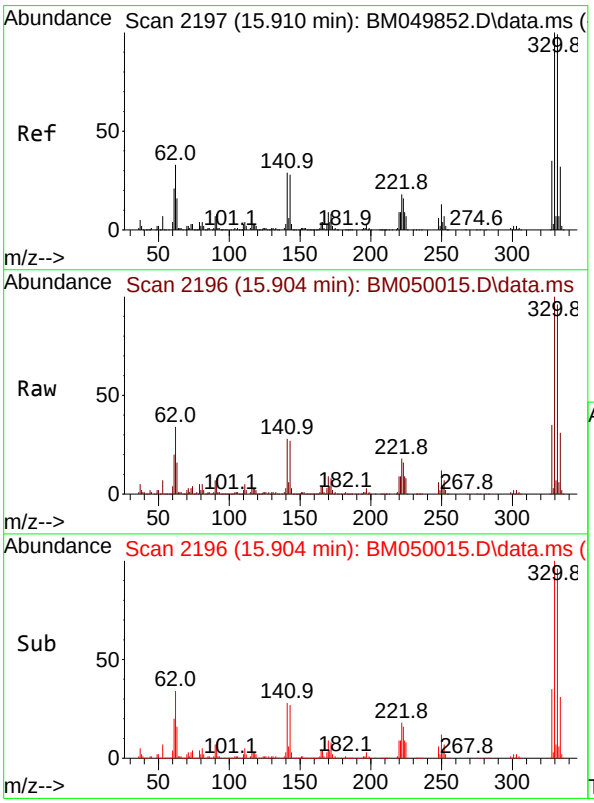
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050015.D
Acq: 23 Apr 2025 15:55

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion:164 Resp: 612241

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.4	119.0
160	45.0	36.2	54.2

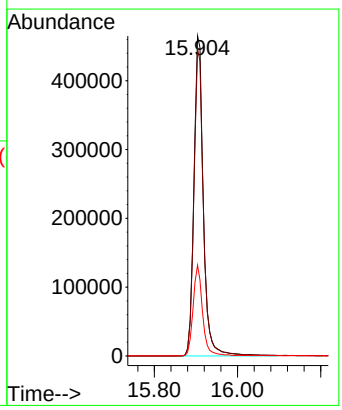


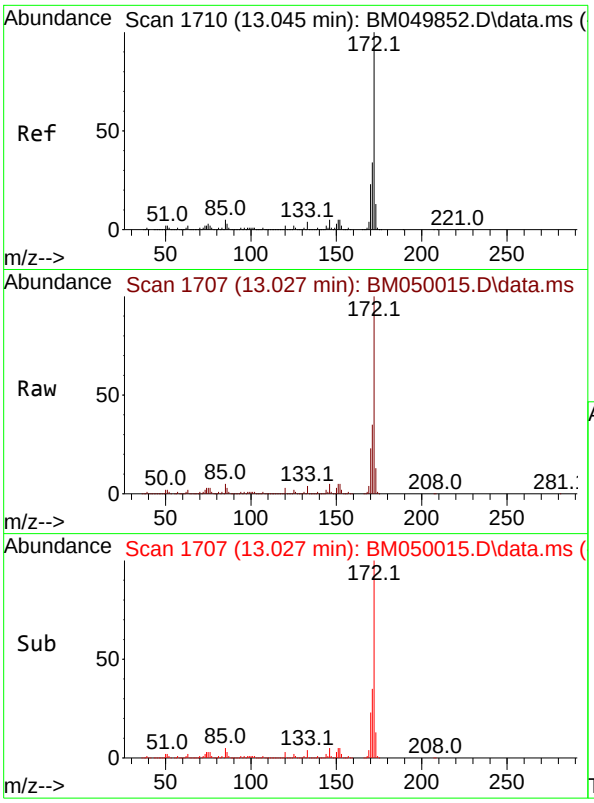


#42
2,4,6-Tribromophenol
Concen: 82.640 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM050015.D
Acq: 23 Apr 2025 15:55

Tgt Ion:330 Resp: 735934

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.0	117.0
141	28.2	23.5	35.3





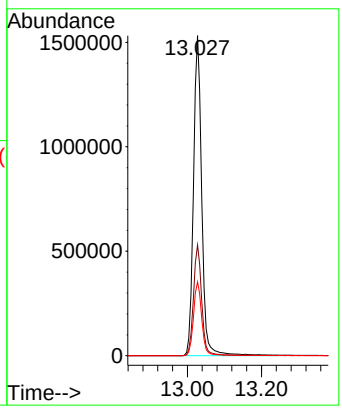
#45
2-Fluorobiphenyl
Concen: 52.863 ng
RT: 13.027 min Scan# 1

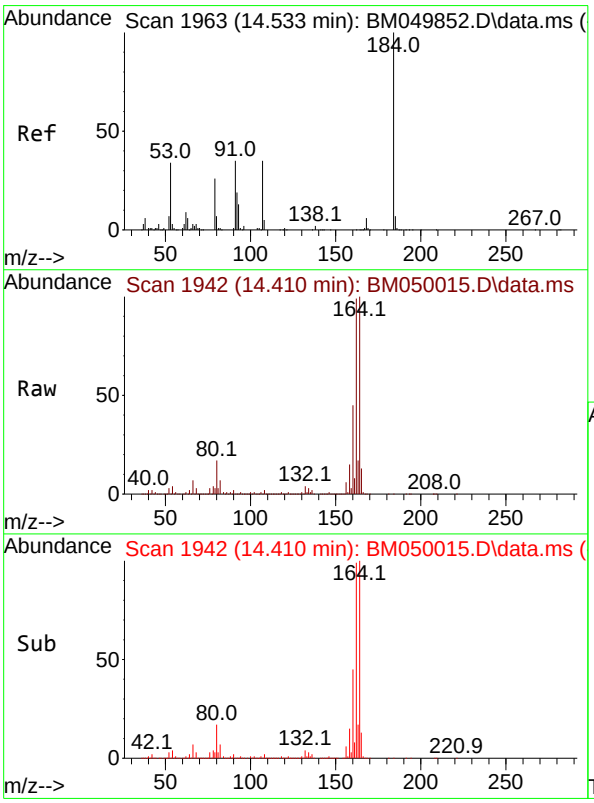
Instrument :
BNA_M
ClientSampleId :
COMP-1

Delta R.T. -0.018 min
Lab File: BM050015.D
Acq: 23 Apr 2025 15:55

Tgt Ion:172 Resp: 2386764

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.4	41.2
170	23.1	18.6	28.0

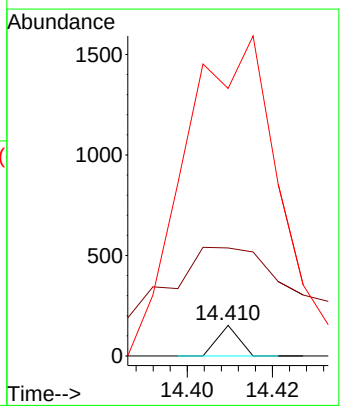


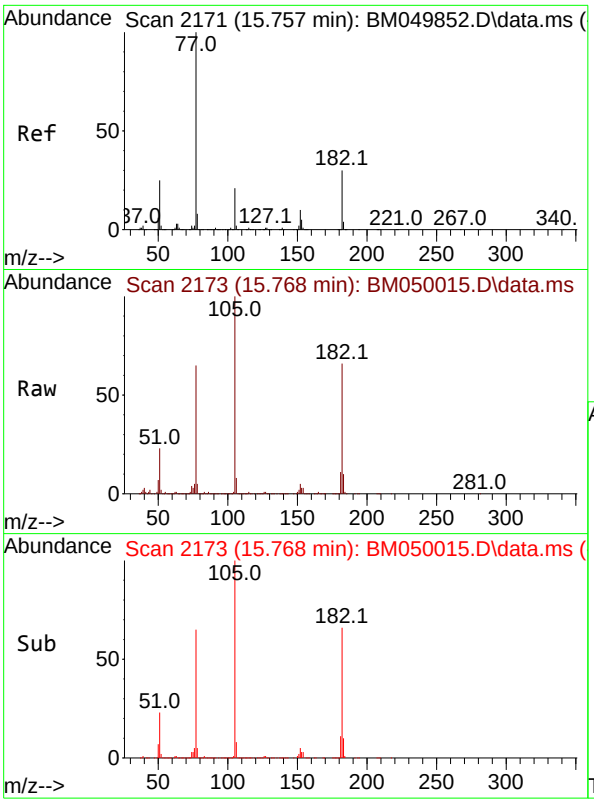


#54
2,4-Dinitrophenol
Concen: 7.232 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.123 min
Lab File: BM050015.D
Acq: 23 Apr 2025 15:55

Tgt Ion:184 Resp: 54

Ion	Ratio	Lower	Upper
184	100		
63	353.3	38.4	57.6#
154	875.7	48.1	72.1#



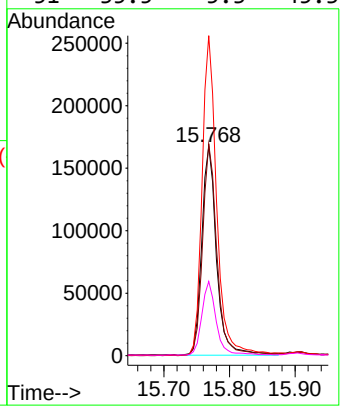


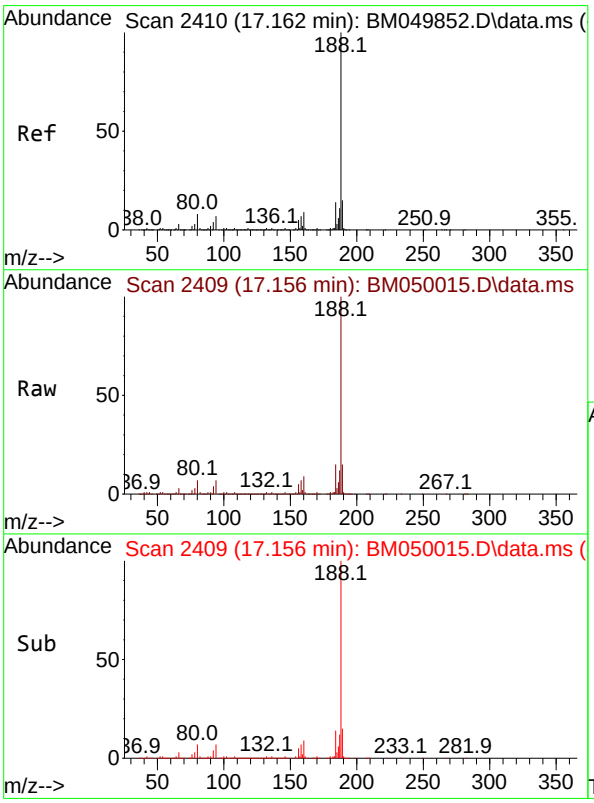
#63
Azobenzene
Concen: 7.407 ng
RT: 15.768 min Scan# 21
Delta R.T. 0.012 min
Lab File: BM050015.D
Acq: 23 Apr 2025 15:55

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion: 77 Resp: 262673

Ion	Ratio	Lower	Upper
77	100		
182	101.2	10.4	50.4#
105	152.9	1.5	41.5#
51	35.5	5.3	45.3

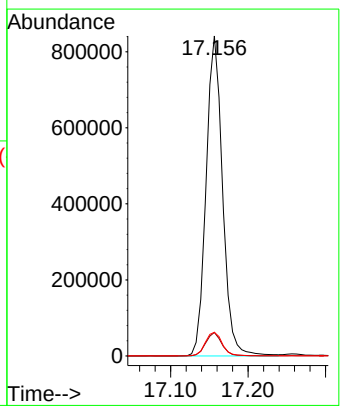


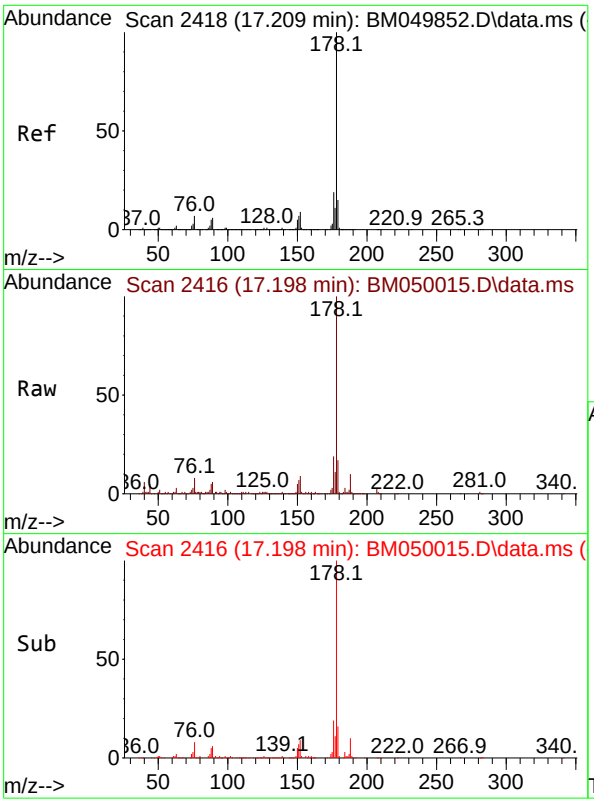


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM050015.D
Acq: 23 Apr 2025 15:55

Tgt Ion:188 Resp: 1242938

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.8	8.6
80	7.4	6.4	9.6



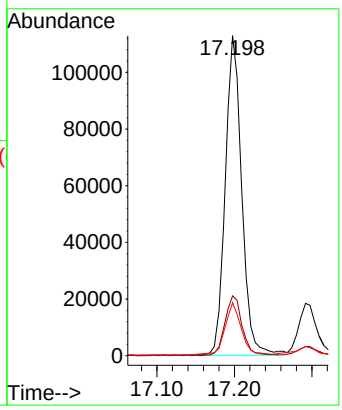


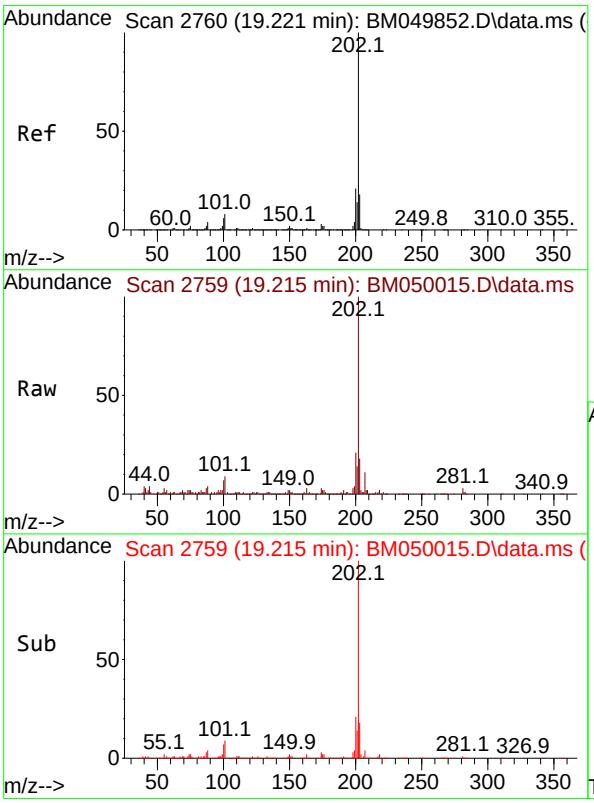
#71
Phenanthrene
Concen: 2.449 ng
RT: 17.198 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050015.D
Acq: 23 Apr 2025 15:55

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion:178 Resp: 166855

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	16.6	12.3	18.5

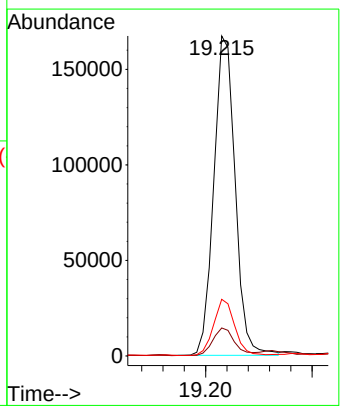


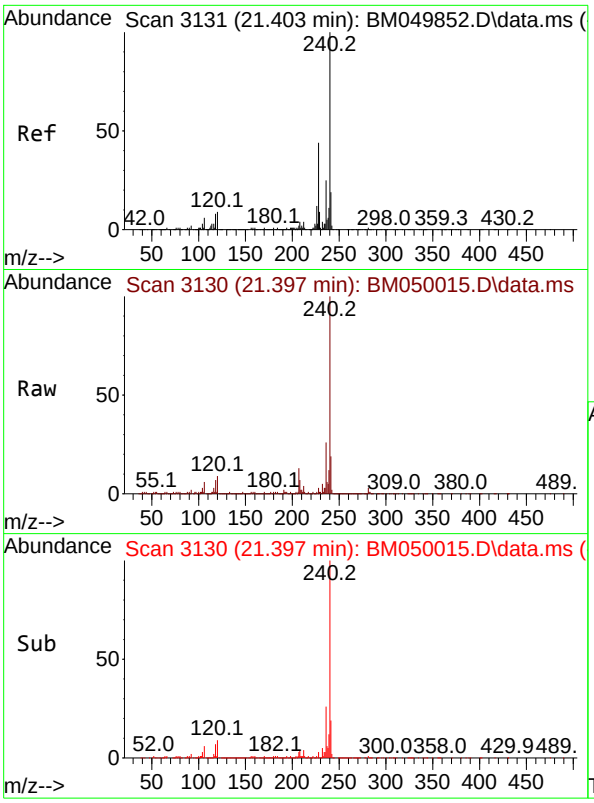


#75
Fluoranthene
Concen: 2.777 ng
RT: 19.215 min Scan# 2759
Delta R.T. -0.006 min
Lab File: BM050015.D
Acq: 23 Apr 2025 15:55

Tgt Ion:202 Resp: 232707

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	28.4
203	17.7	0.0	37.8



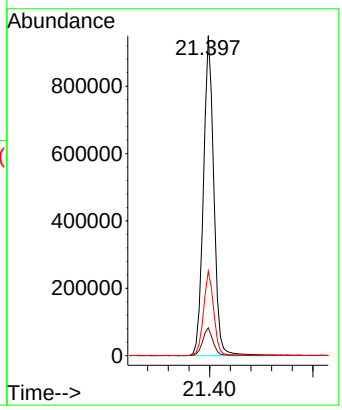


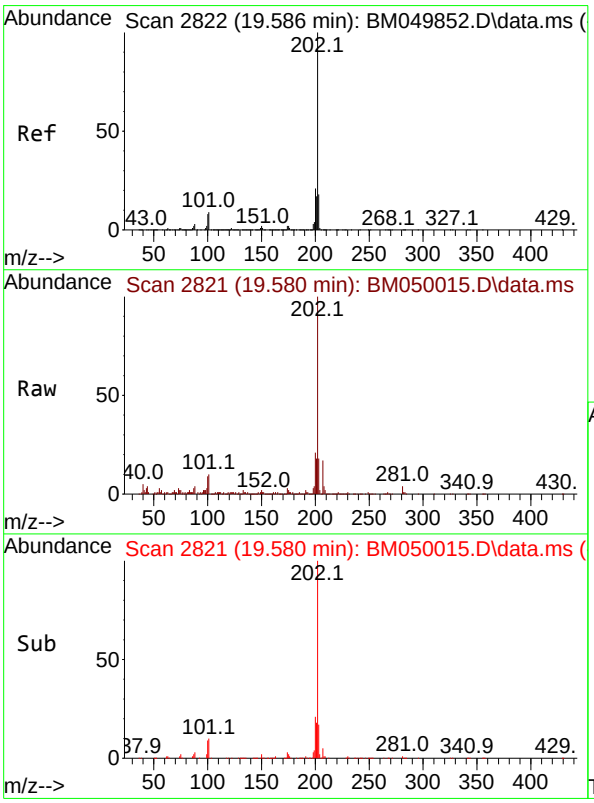
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050015.D
Acq: 23 Apr 2025 15:55

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion:240 Resp: 1324636

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.9	10.3
236	26.4	20.4	30.6

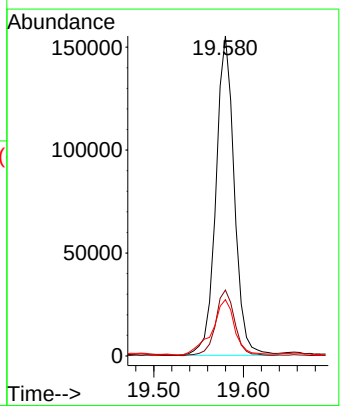


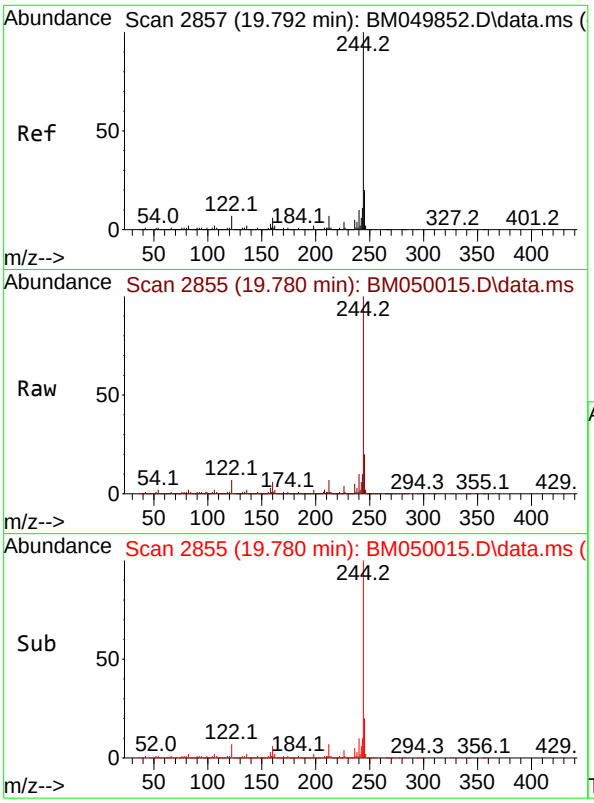


#78
Pyrene
Concen: 2.423 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BM050015.D
Acq: 23 Apr 2025 15:55

Tgt Ion:202 Resp: 221220

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.6	14.0	21.0



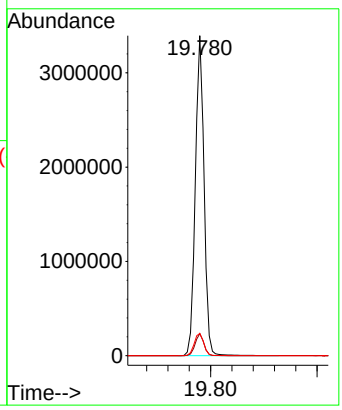


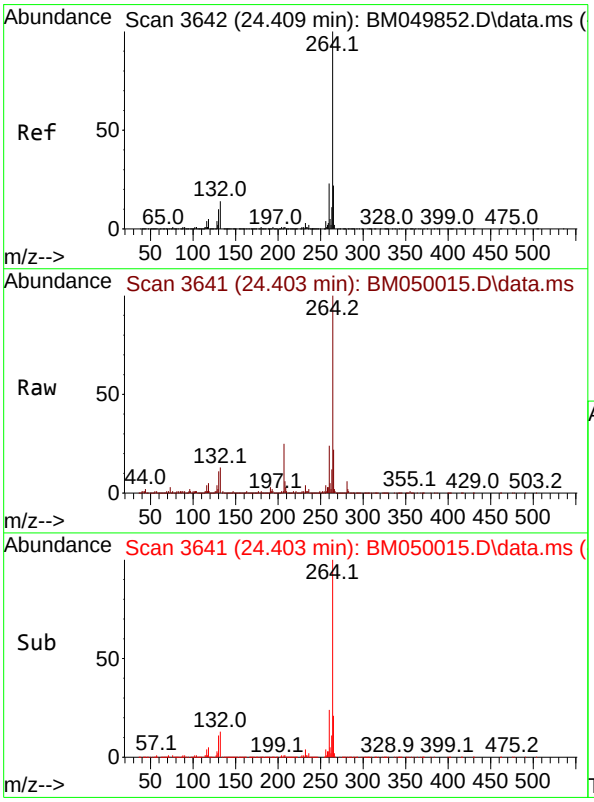
#79
Terphenyl-d14
Concen: 54.740 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050015.D
Acq: 23 Apr 2025 15:55

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion:244 Resp: 3869225

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	6.9	5.4	8.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.006 min
Lab File: BM050015.D
Acq: 23 Apr 2025 15:55

Tgt Ion:264 Resp: 1398709

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	21.7	17.8	26.8