Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050253.D
Acq On : 09 Jun 2025 22:17
Operator : RC/JU
Sample : Q2236-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 10 01:28:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	339236	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	1291741	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	734983	20.000	ng		0.00
64) Phenanthrene-d10	17.133	188	1365218	20.000	ng		0.00
76) Chrysene-d12	21.362	240	1409427	20.000	ng		-0.01
86) Perylene-d12	24.339	264	1492062	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	2623964	129.029	ng		0.00
7) Phenol-d6	6.934	99	2974342	111.105	ng		0.00
23) Nitrobenzene-d5	8.916	82	2238948	90.145	ng		0.00
42) 2,4,6-Tribromophenol	15.880	330	1255343	150.162	ng		0.00
45) 2-Fluorobiphenyl	13.022	172	4616642	85.039	ng		0.00
79) Terphenyl-d14	19.763	244	6326070	85.056	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.604	128	6271348	93.902	ng		100
33) 4-Chloroaniline	10.604	127	803775	28.229	ng	#	32
37) 2-Methylnaphthalene	12.216	142	655891	16.279	ng		100
38) 1-Methylnaphthalene	12.434	142	1041234	24.349	ng		100
46) 1,1'-Biphenyl	13.234	154	145035	2.635	ng		99
52) Acenaphthene	14.457	154	812188	18.764	ng		98
55) Dibenzofuran	14.792	168	145848	2.303	ng		99
58) Fluorene	15.445	166	430582	8.877	ng		99
71) Phenanthrene	17.174	178	1073820	13.769	ng		99
72) Anthracene	17.263	178	166472	2.134	ng		99

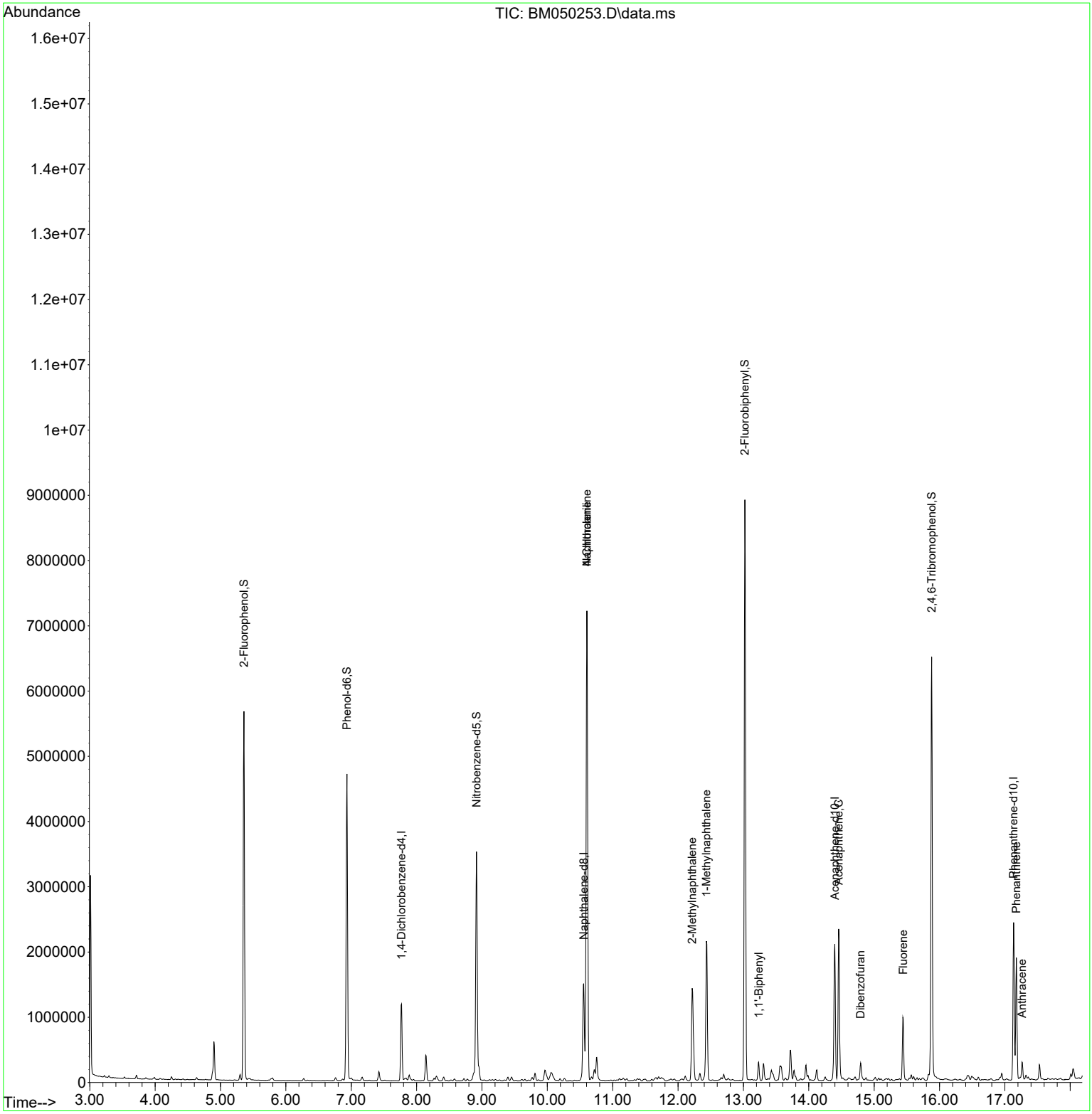
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050253.D
Acq On : 09 Jun 2025 22:17
Operator : RC/JU
Sample : Q2236-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

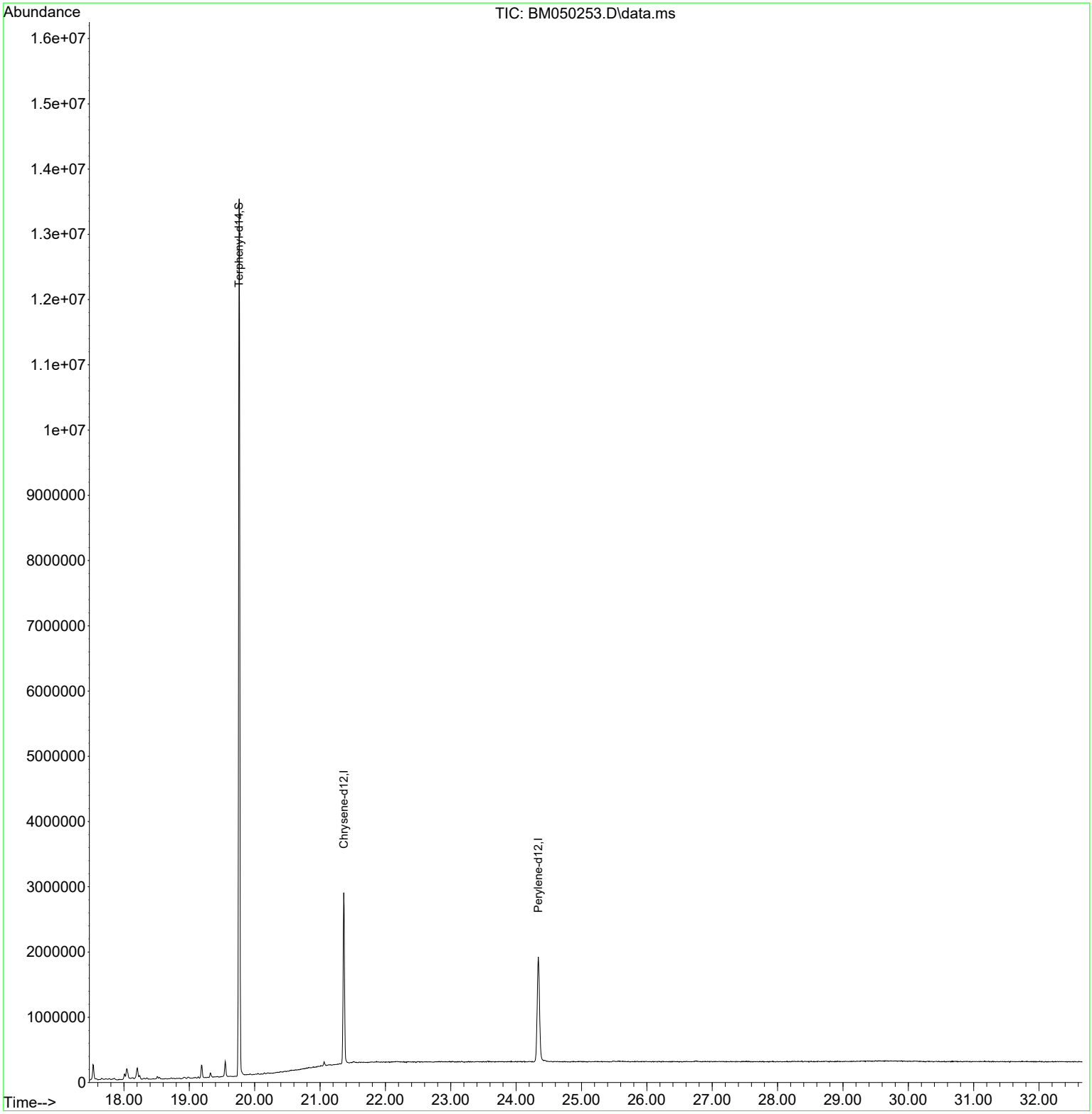
Quant Time: Jun 10 01:28:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

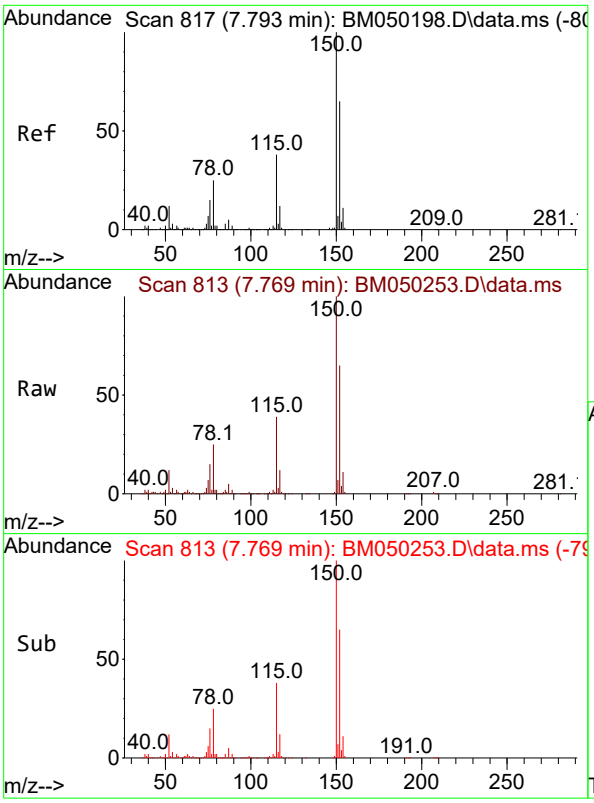


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050253.D
Acq On : 09 Jun 2025 22:17
Operator : RC/JU
Sample : Q2236-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 10 01:28:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



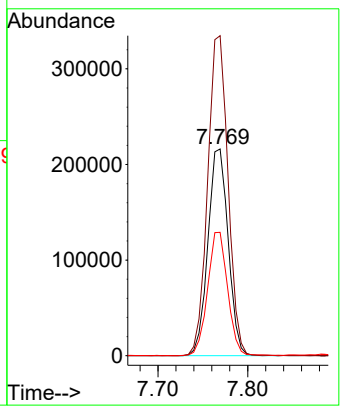


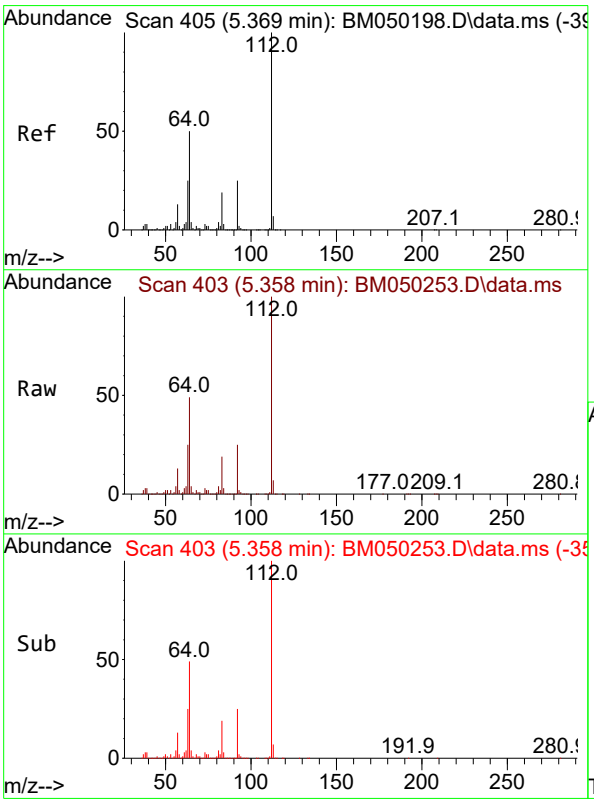
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050253.D
Acq: 09 Jun 2025 22:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 339236

Ion	Ratio	Lower	Upper
152	100		
150	154.8	122.2	183.4
115	59.7	46.3	69.5

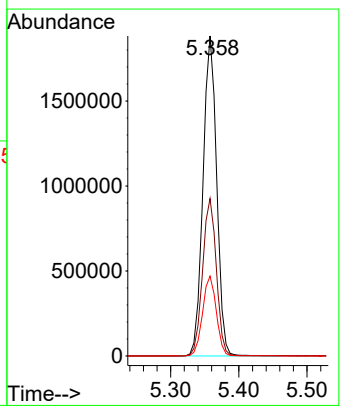


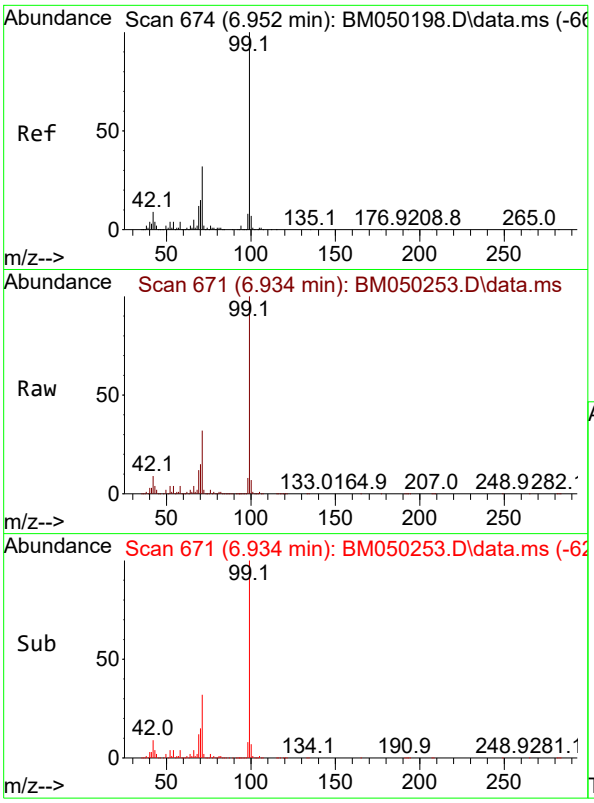


#5
2-Fluorophenol
Concen: 129.029 ng
RT: 5.358 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050253.D
Acq: 09 Jun 2025 22:17

Tgt Ion:112 Resp: 2623964

Ion	Ratio	Lower	Upper
112	100		
64	49.2	39.8	59.6
63	24.9	19.8	29.8



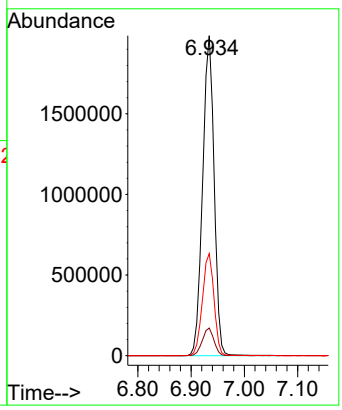


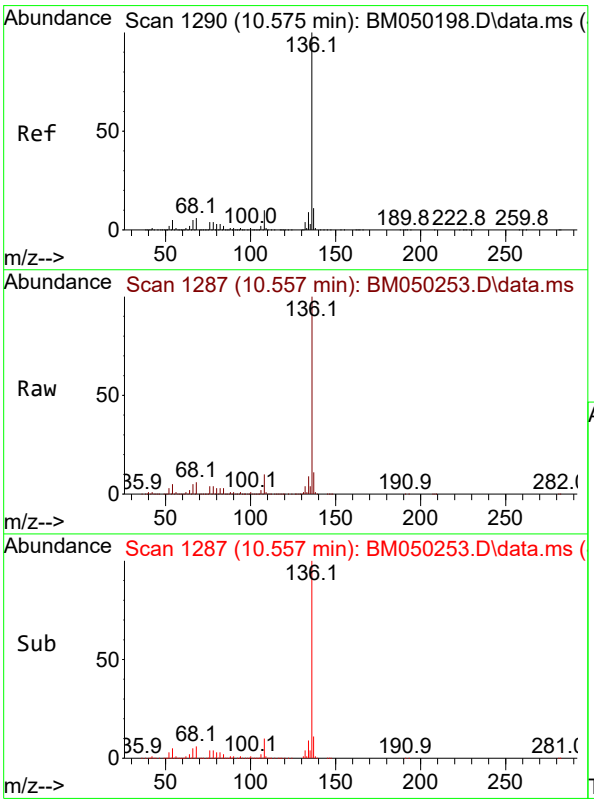
#7
Phenol-d6
Concen: 111.105 ng
RT: 6.934 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050253.D
Acq: 09 Jun 2025 22:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 2974342

Ion	Ratio	Lower	Upper
99	100		
42	8.7	6.9	10.3
71	31.9	25.3	37.9

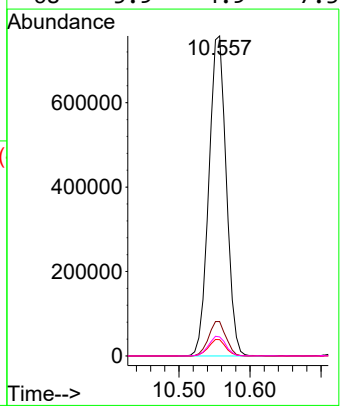


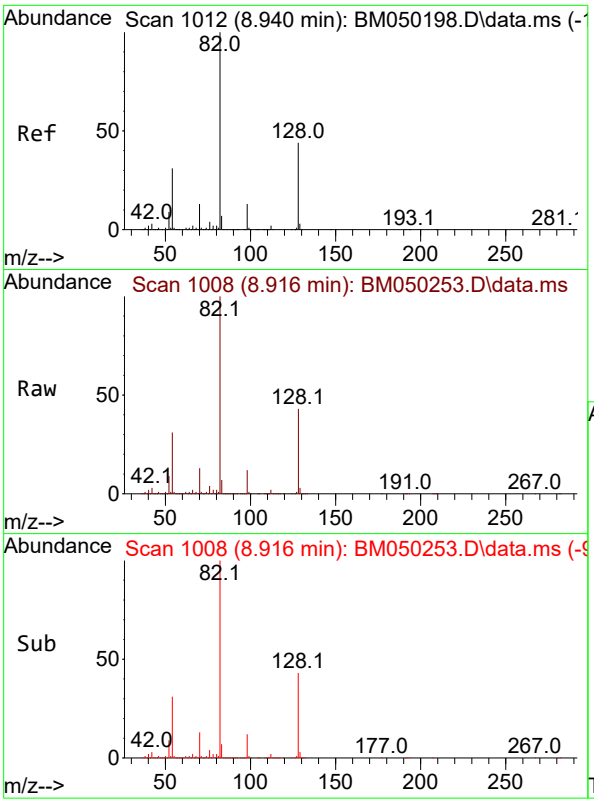


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BM050253.D
Acq: 09 Jun 2025 22:17

Tgt Ion:136 Resp: 1291741

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.1	3.8	5.8
68	5.9	4.9	7.3



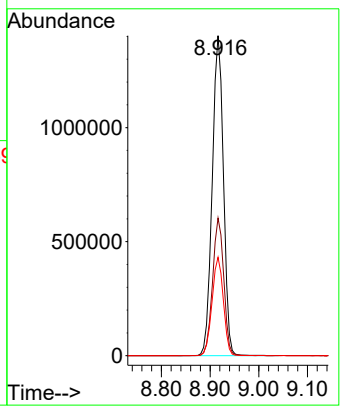


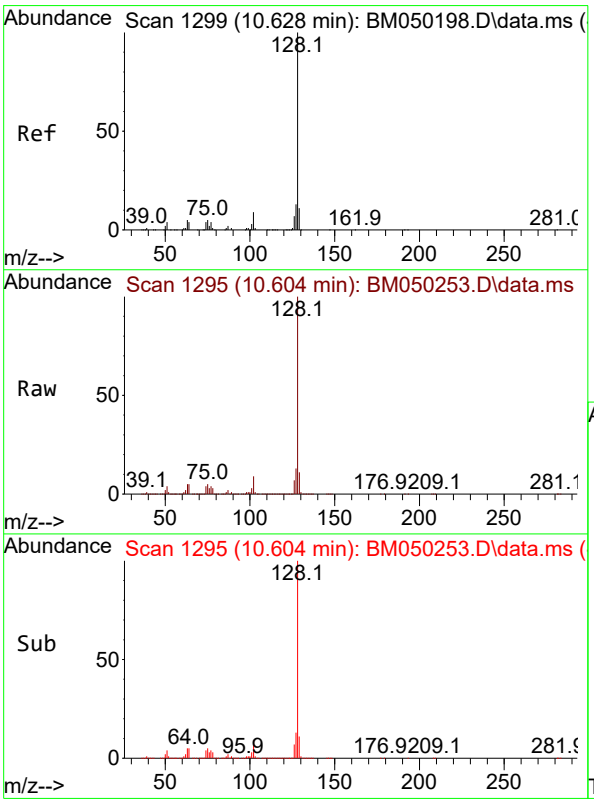
#23
Nitrobenzene-d5
Concen: 90.145 ng
RT: 8.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050253.D
Acq: 09 Jun 2025 22:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 2238948

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.2	52.8
54	30.7	24.5	36.7

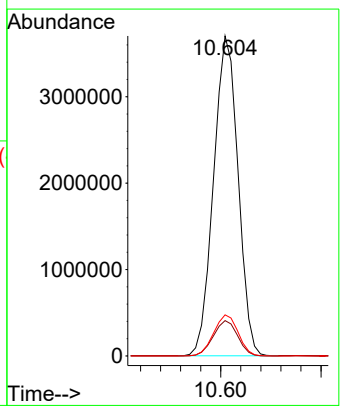


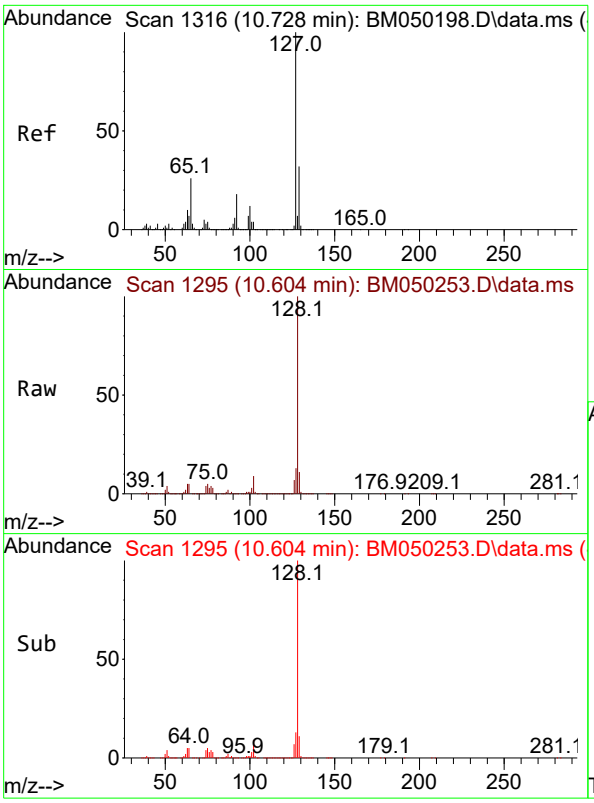


#31
Naphthalene
Concen: 93.902 ng
RT: 10.604 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BM050253.D
Acq: 09 Jun 2025 22:17

Tgt Ion:128 Resp: 6271348

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	12.8	10.2	15.4



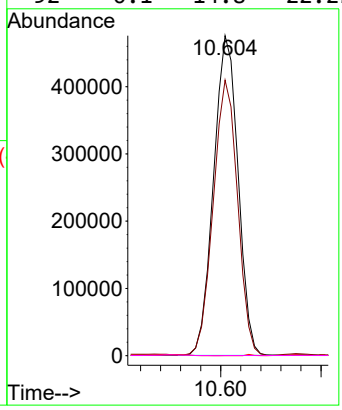


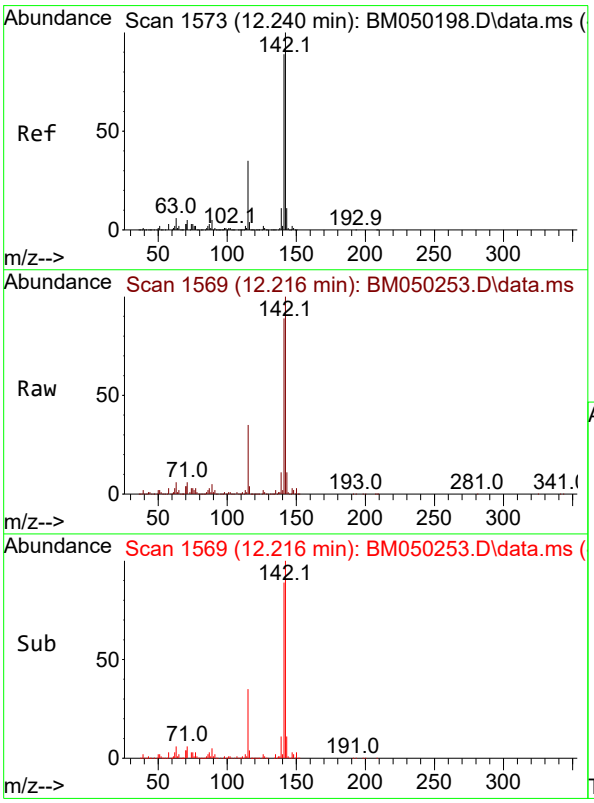
#33
4-Chloroaniline
Concen: 28.229 ng
RT: 10.604 min Scan# 1
Delta R.T. -0.106 min
Lab File: BM050253.D
Acq: 09 Jun 2025 22:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 803775

Ion	Ratio	Lower	Upper
127	100		
129	86.1	25.4	38.0#
65	0.0	21.0	31.4#
92	0.1	14.8	22.2#

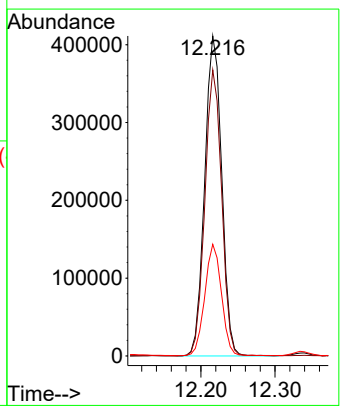


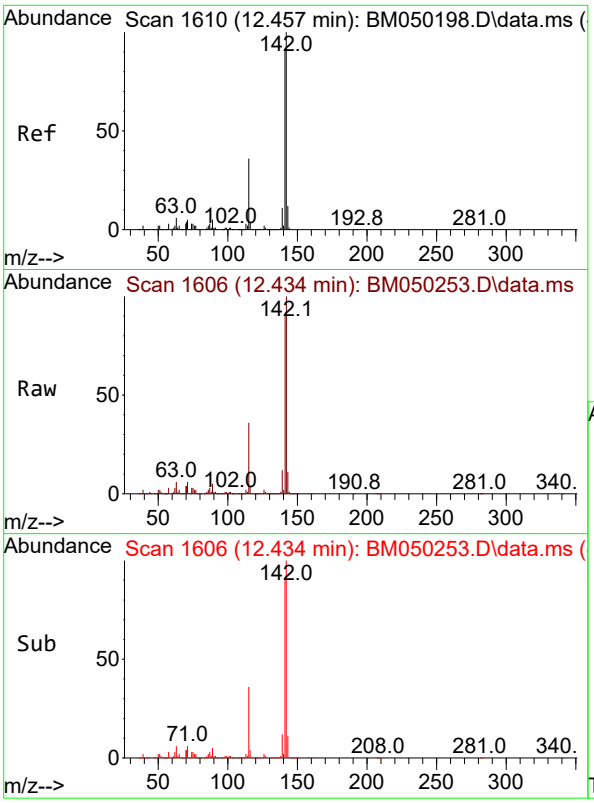


#37
2-Methylnaphthalene
Concen: 16.279 ng
RT: 12.216 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BM050253.D
Acq: 09 Jun 2025 22:17

Tgt Ion:142 Resp: 655891

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.5	107.3
115	34.9	27.8	41.8



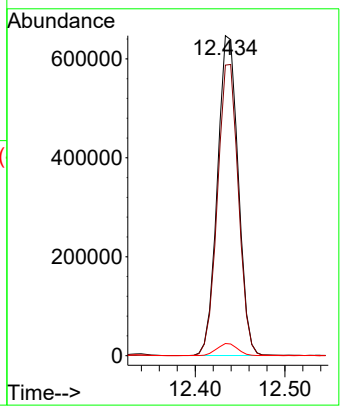


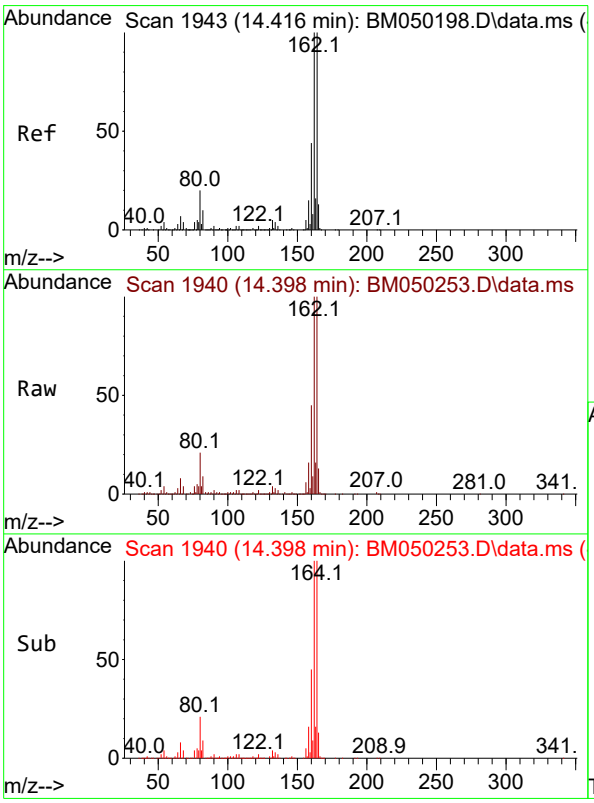
#38
1-Methylnaphthalene
Concen: 24.349 ng
RT: 12.434 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050253.D
Acq: 09 Jun 2025 22:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 1041234

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.9	109.3
116	3.8	3.0	4.6

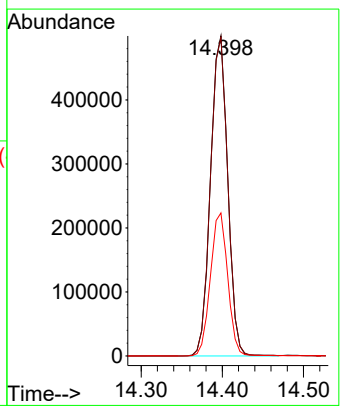


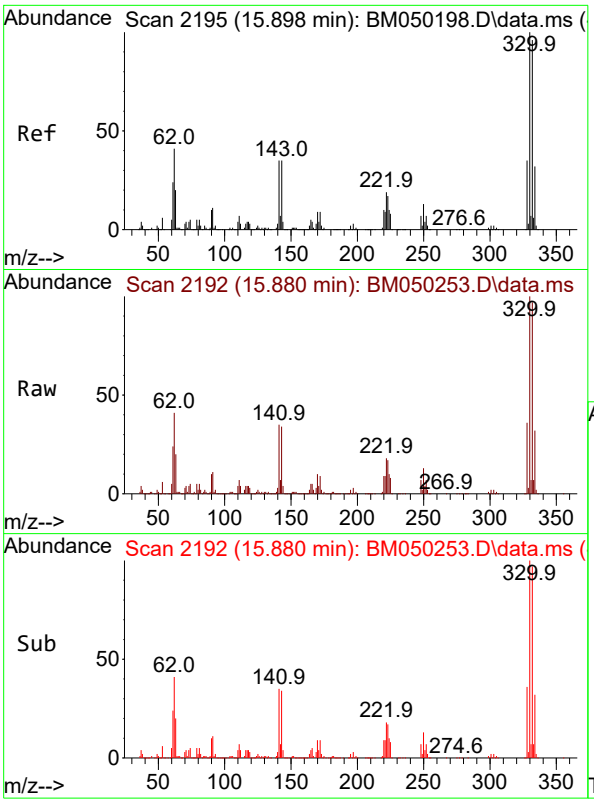


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM050253.D
Acq: 09 Jun 2025 22:17

Tgt Ion:164 Resp: 734983

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.2	120.4
160	44.7	35.7	53.5



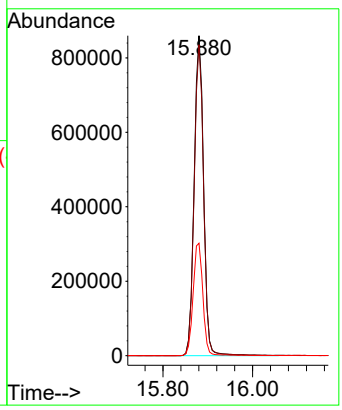


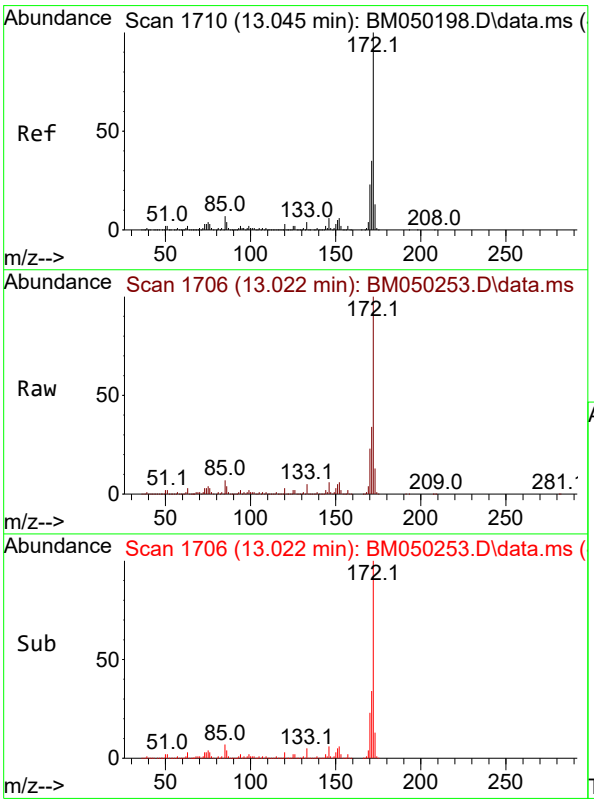
#42
2,4,6-Tribromophenol
Concen: 150.162 ng
RT: 15.880 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050253.D
Acq: 09 Jun 2025 22:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 1255343

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.5	116.3
141	36.4	28.8	43.2

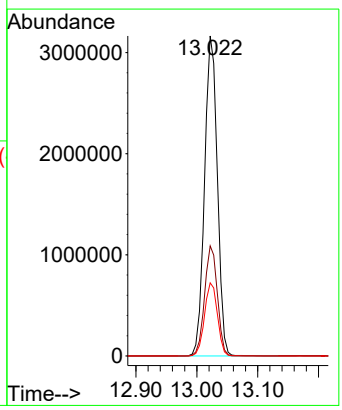


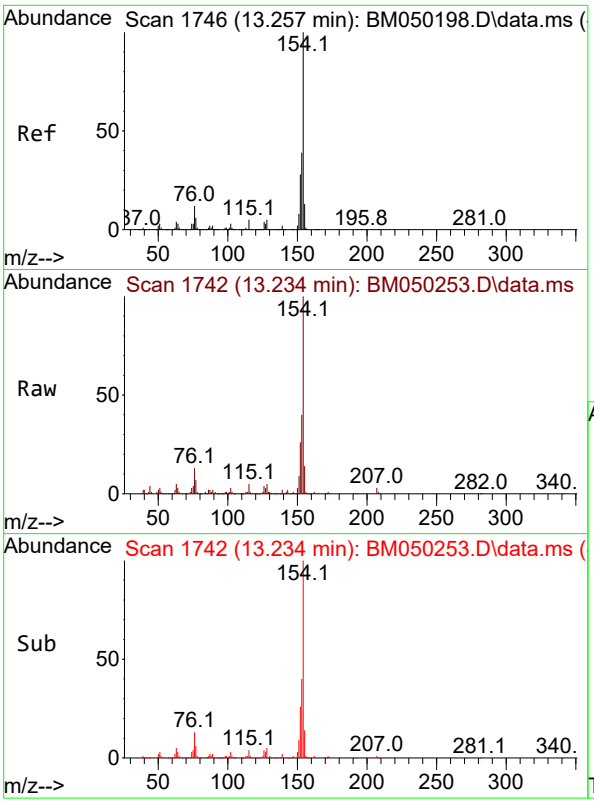


#45
2-Fluorobiphenyl
Concen: 85.039 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050253.D
Acq: 09 Jun 2025 22:17

Tgt Ion:172 Resp: 4616642

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	22.8	18.6	27.8



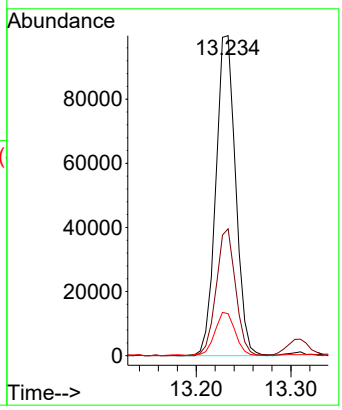


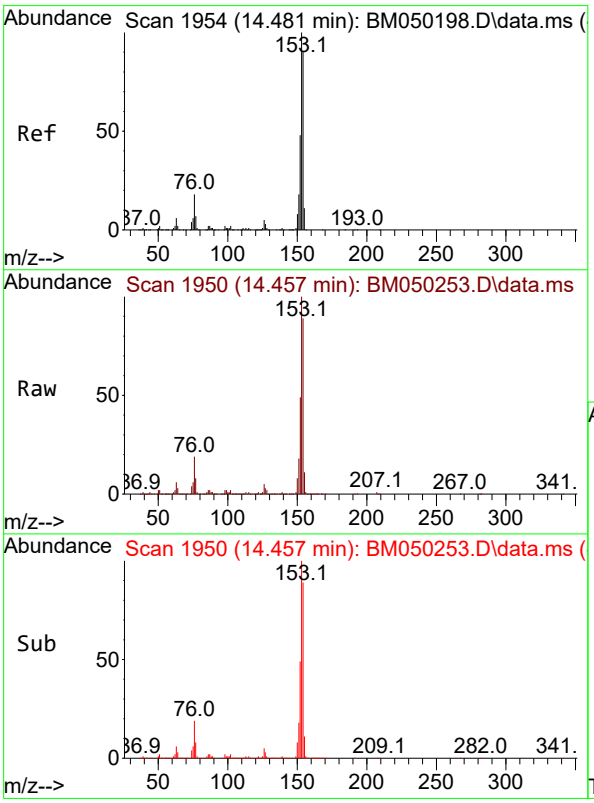
#46
1,1'-Biphenyl
Concen: 2.635 ng
RT: 13.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050253.D
Acq: 09 Jun 2025 22:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 145035

Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.2	59.2
76	13.1	0.0	32.0

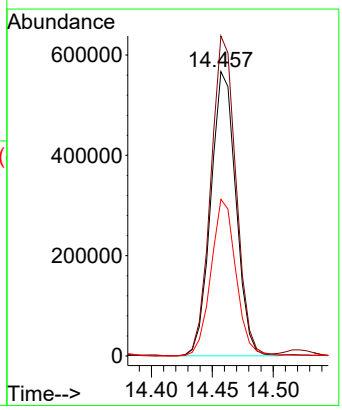


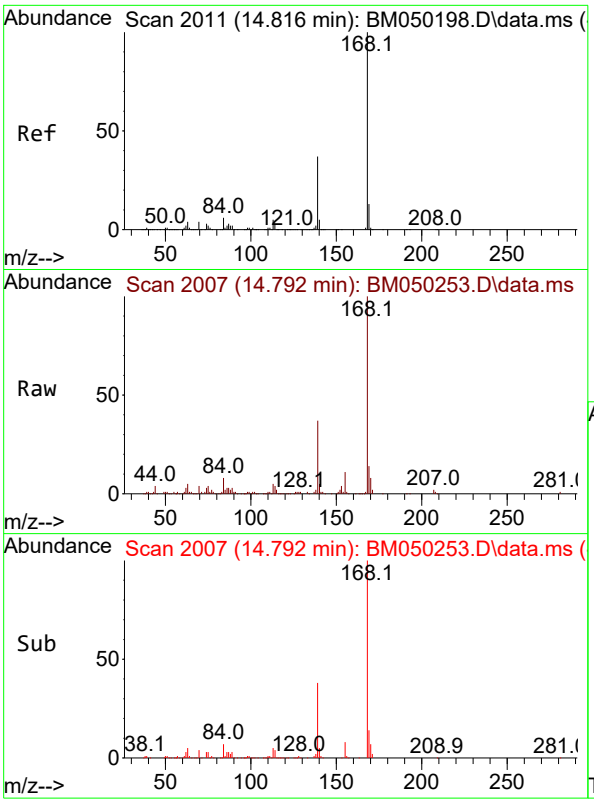


#52
Acenaphthene
Concen: 18.764 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BM050253.D
Acq: 09 Jun 2025 22:17

Tgt Ion:154 Resp: 812188

Ion	Ratio	Lower	Upper
154	100		
153	112.5	88.7	133.1
152	55.1	42.6	63.8



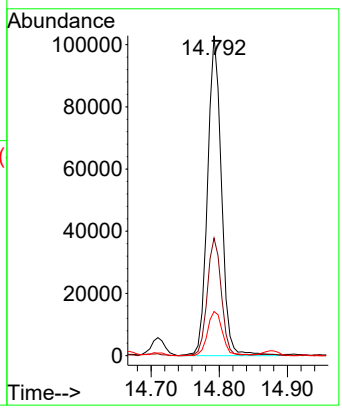


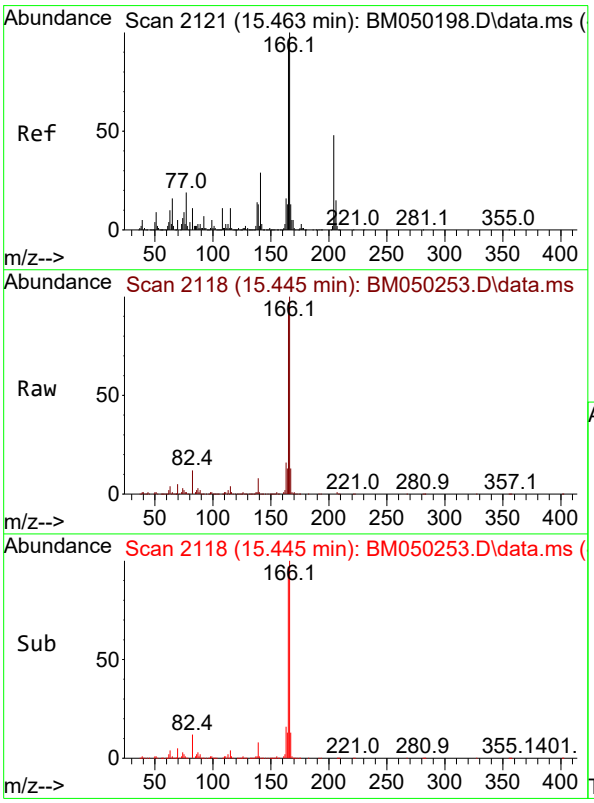
#55
Dibenzofuran
Concen: 2.303 ng
RT: 14.792 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050253.D
Acq: 09 Jun 2025 22:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 145848

Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.9	44.9
169	13.8	10.6	16.0

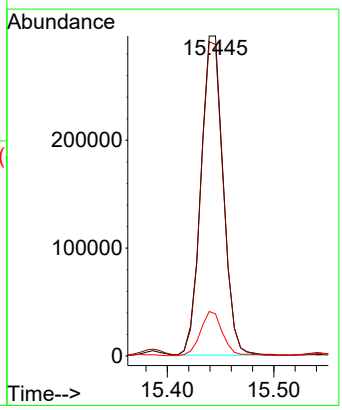


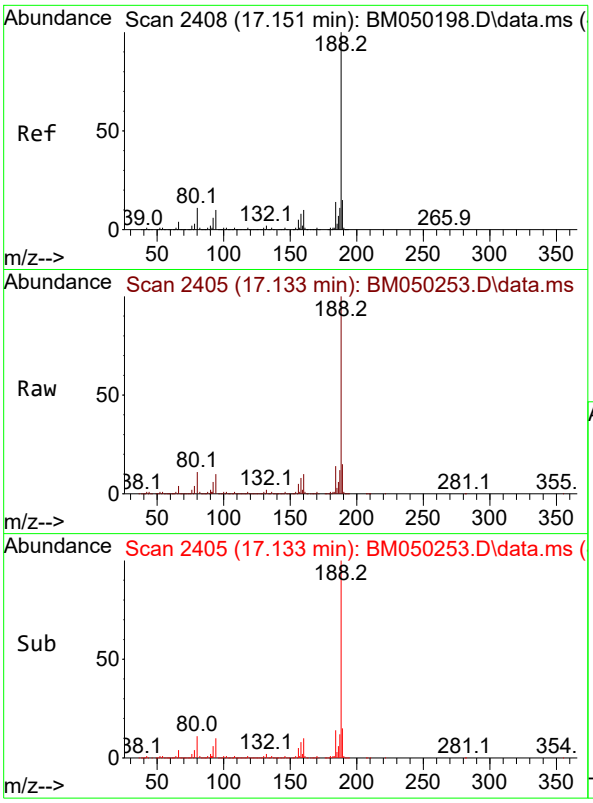


#58
Fluorene
Concen: 8.877 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM050253.D
Acq: 09 Jun 2025 22:17

Tgt Ion:166 Resp: 430582

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.0	115.4
167	13.1	10.7	16.1



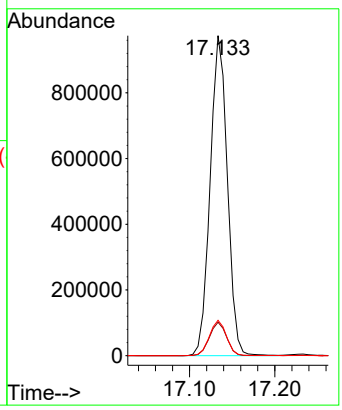


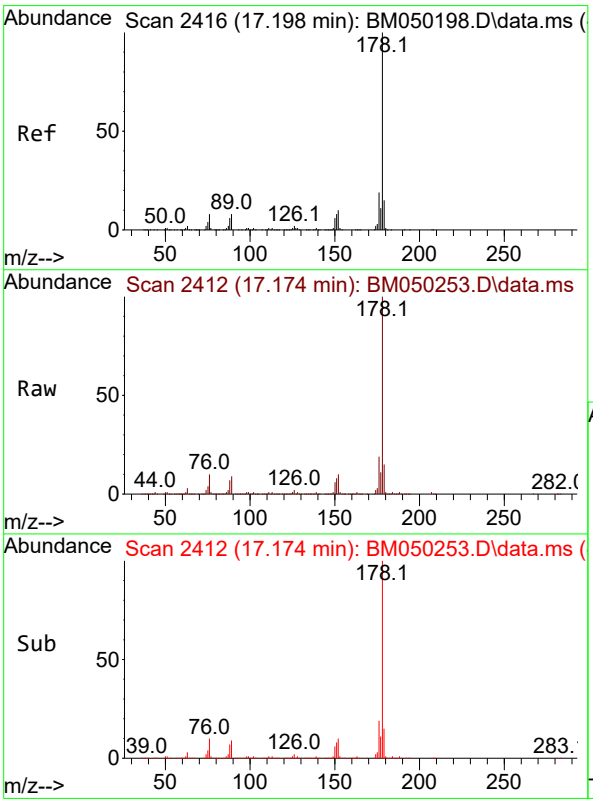
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050253.D
Acq: 09 Jun 2025 22:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 1365218

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.1	12.1
80	11.1	8.6	13.0

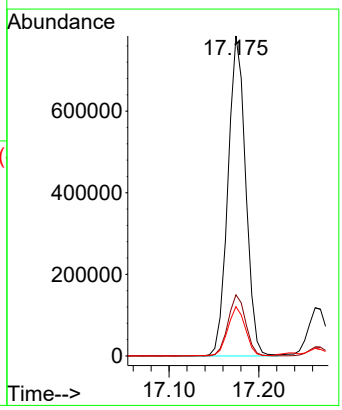


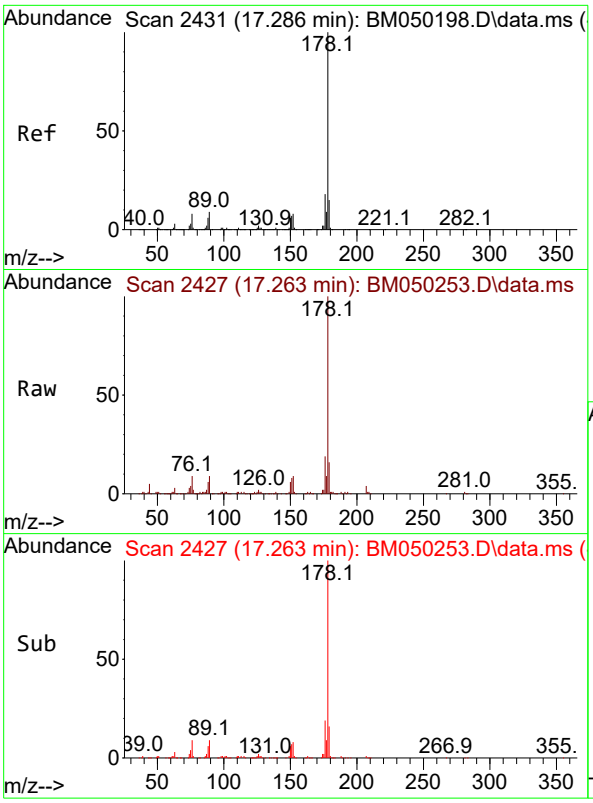


#71
Phenanthrene
Concen: 13.769 ng
RT: 17.174 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM050253.D
Acq: 09 Jun 2025 22:17

Tgt Ion:178 Resp: 1073820

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.4	12.3	18.5



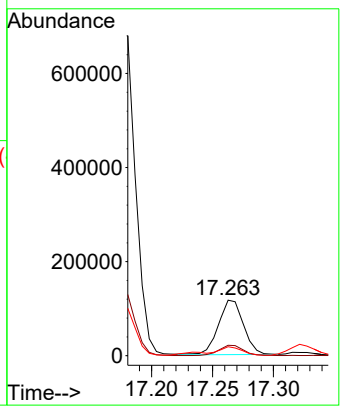


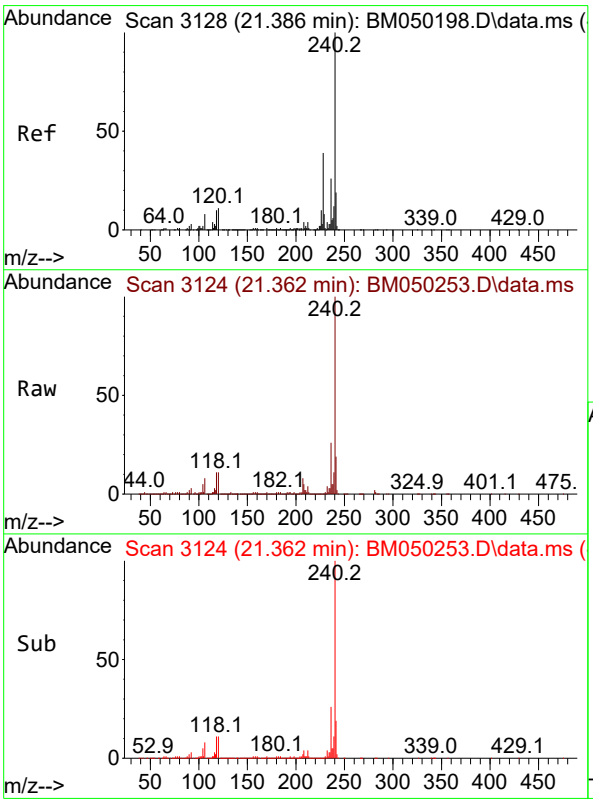
#72
Anthracene
Concen: 2.134 ng
RT: 17.263 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050253.D
Acq: 09 Jun 2025 22:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 166472

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	16.1	12.3	18.5

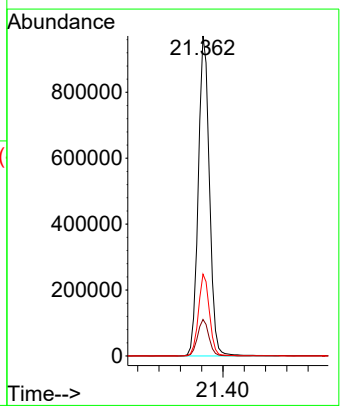


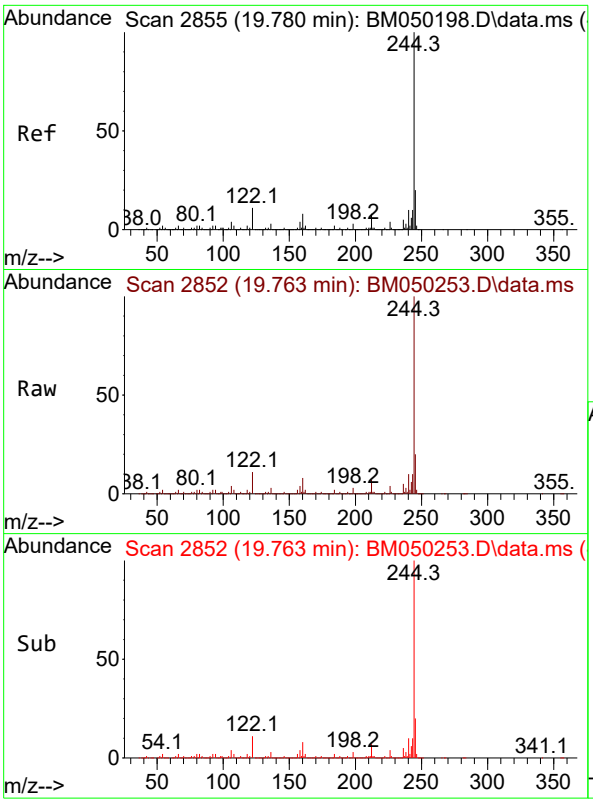


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.011 min
Lab File: BM050253.D
Acq: 09 Jun 2025 22:17

Tgt Ion:240 Resp: 1409427

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.0	13.4
236	25.6	20.7	31.1



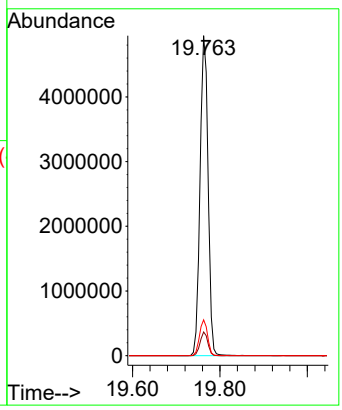


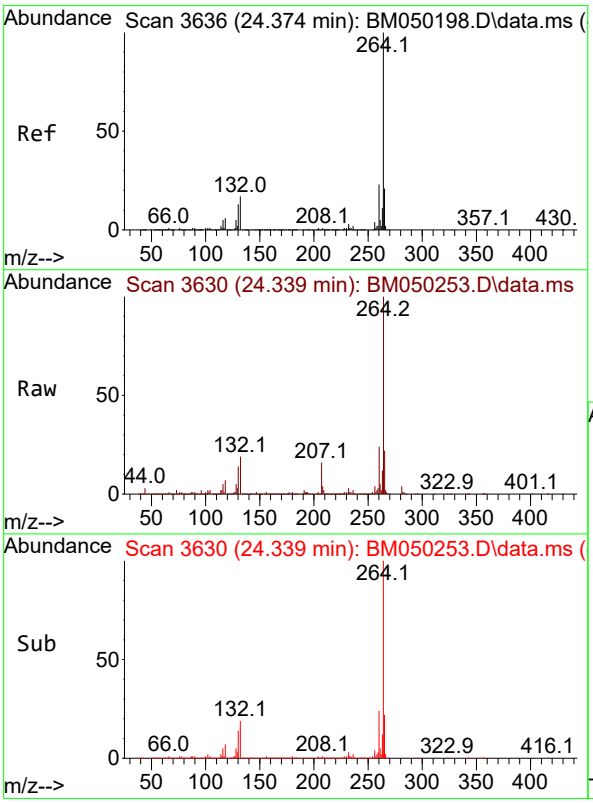
#79
Terphenyl-d14
Concen: 85.056 ng
RT: 19.763 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050253.D
Acq: 09 Jun 2025 22:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 6326070

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	11.2	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.339 min Scan# 3630
Delta R.T. -0.006 min
Lab File: BM050253.D
Acq: 09 Jun 2025 22:17

Tgt Ion:264 Resp: 1492062

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	22.1	16.8	25.2