Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050248.D
Acq On : 09 Jun 2025 19:01
Operator : RC/JU
Sample : Q2236-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-A2-04-C

Quant Time: Jun 10 01:26:00 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

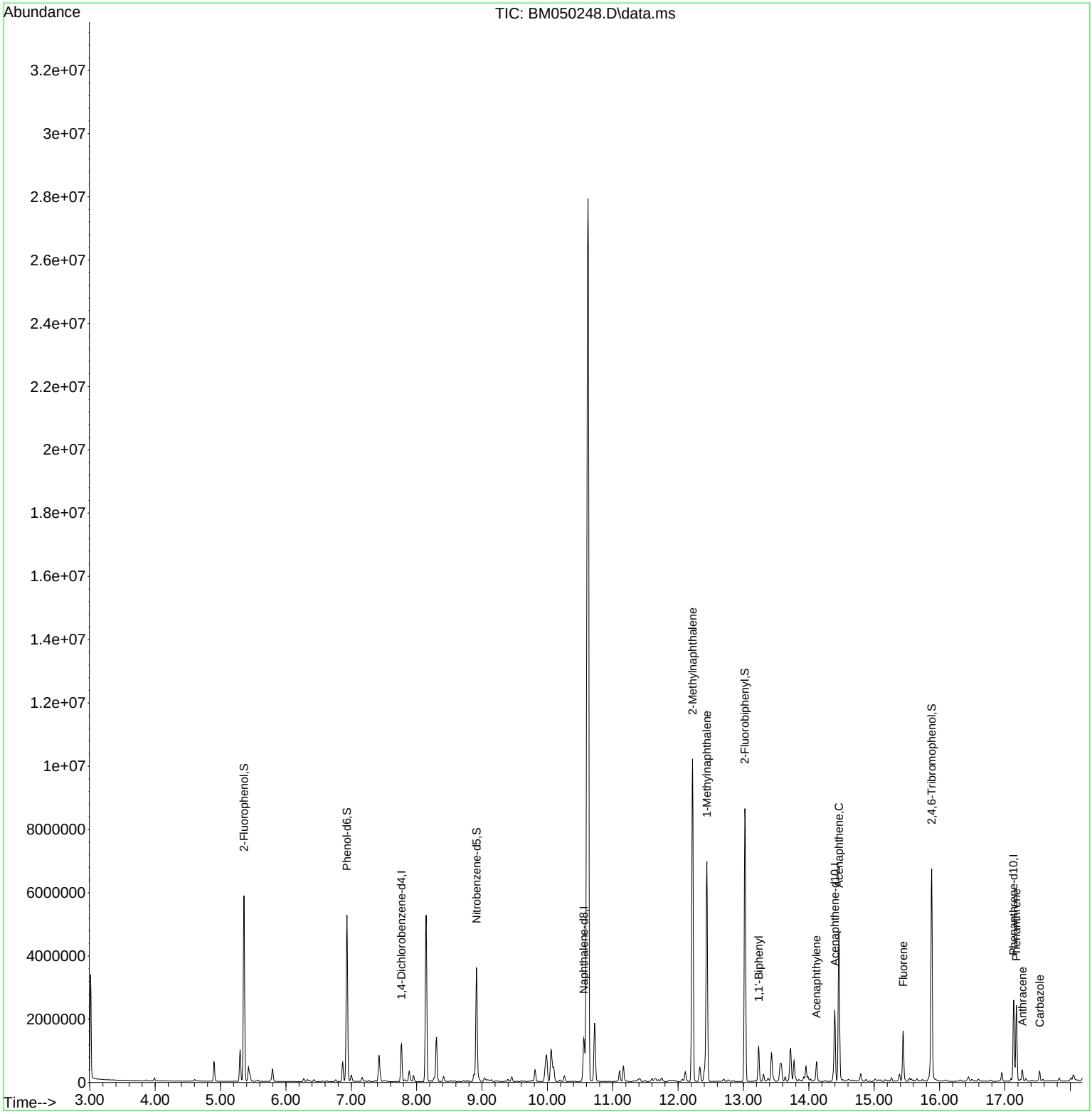
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	334436	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	1312450	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	761229	20.000	ng		0.00
64) Phenanthrene-d10	17.133	188	1459849	20.000	ng		0.00
76) Chrysene-d12	21.362	240	1563302	20.000	ng		-0.01
86) Perylene-d12	24.344	264	1685599	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	2752148	137.275	ng		0.00
7) Phenol-d6	6.934	99	3189329	120.845	ng		0.00
23) Nitrobenzene-d5	8.916	82	2263913	89.712	ng		0.00
42) 2,4,6-Tribromophenol	15.880	330	1287864	148.741	ng		0.00
45) 2-Fluorobiphenyl	13.022	172	4606639	81.929	ng		0.00
79) Terphenyl-d14	19.762	244	6889305	83.512	ng		0.00
Target Compounds							Qvalue
37) 2-Methylnaphthalene	12.222	142	4908486	119.906	ng		98
38) 1-Methylnaphthalene	12.439	142	3260277	75.038	ng		99
46) 1,1'-Biphenyl	13.233	154	580651	10.187	ng		99
49) Acenaphthylene	14.116	152	258538	3.607	ng	#	96
52) Acenaphthene	14.463	154	1714018	38.233	ng		98
58) Fluorene	15.445	166	693734	13.810	ng		99
71) Phenanthrene	17.174	178	1412684	16.939	ng		99
72) Anthracene	17.268	178	225734	2.706	ng		99
73) Carbazole	17.533	167	198686	2.614	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050248.D
Acq On : 09 Jun 2025 19:01
Operator : RC/JU
Sample : Q2236-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-A2-04-C

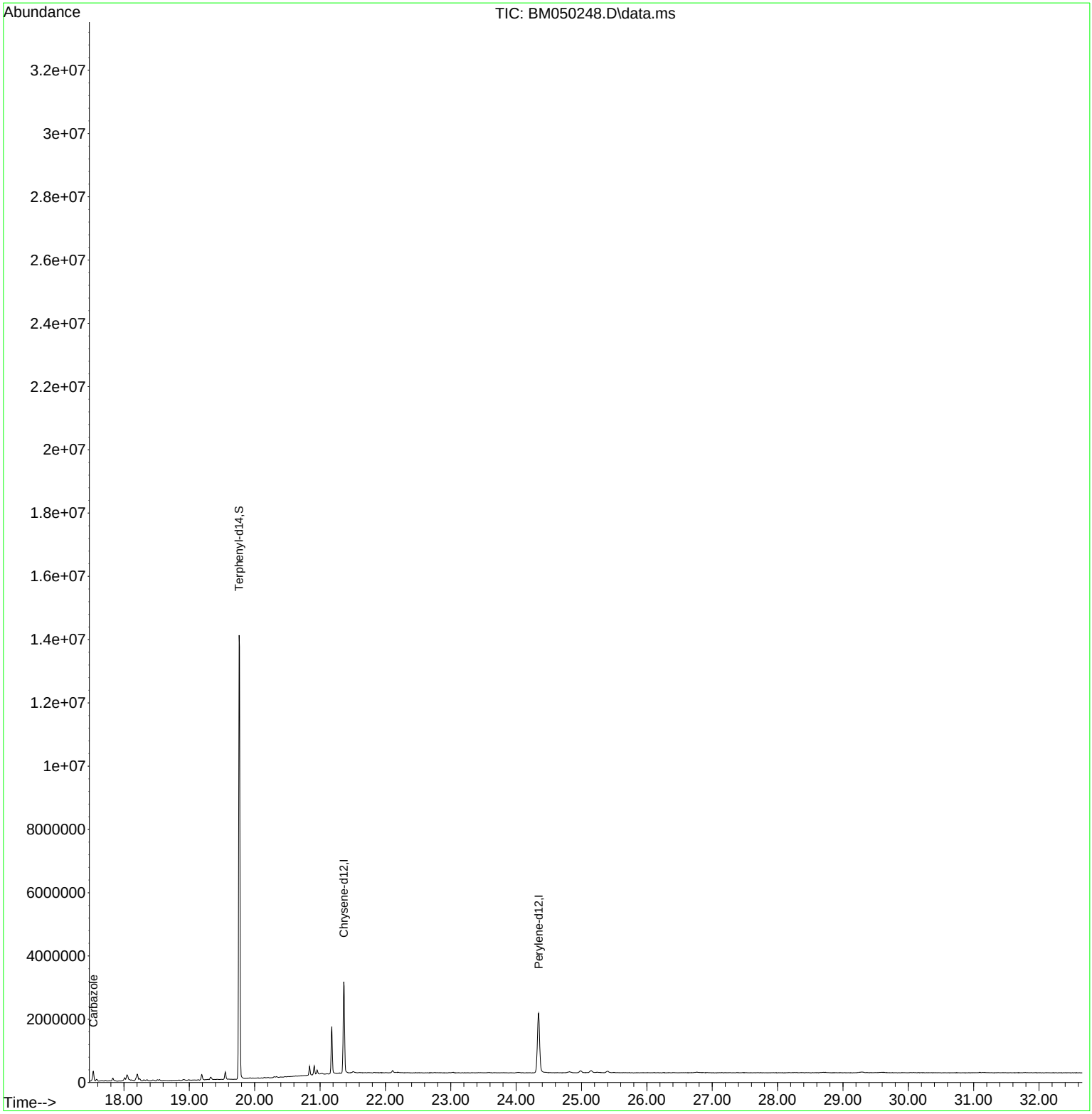
Quant Time: Jun 10 01:26:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

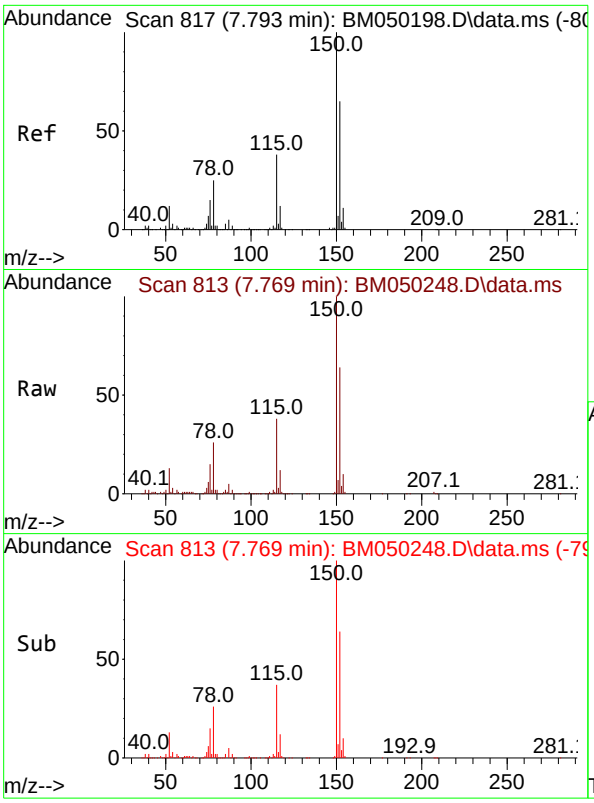


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050248.D
Acq On : 09 Jun 2025 19:01
Operator : RC/JU
Sample : Q2236-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-A2-04-C

Quant Time: Jun 10 01:26:00 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



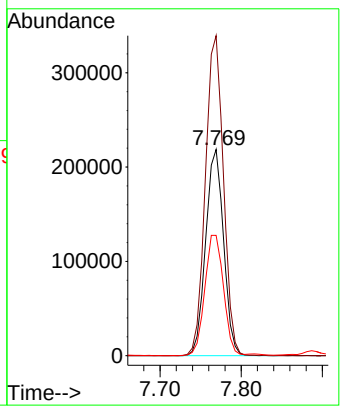


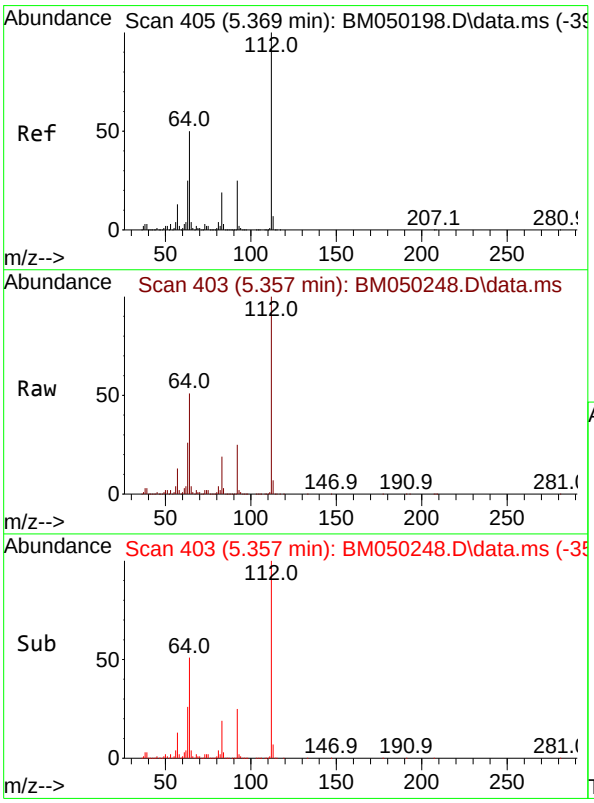
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050248.D
Acq: 09 Jun 2025 19:01

Instrument :
BNA_M
ClientSampleId :
WC-A2-04-C

Tgt Ion:152 Resp: 334436

Ion	Ratio	Lower	Upper
152	100		
150	155.2	122.2	183.4
115	58.3	46.3	69.5

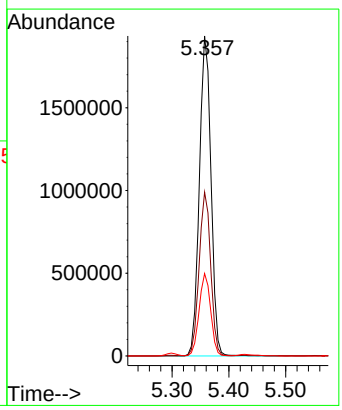


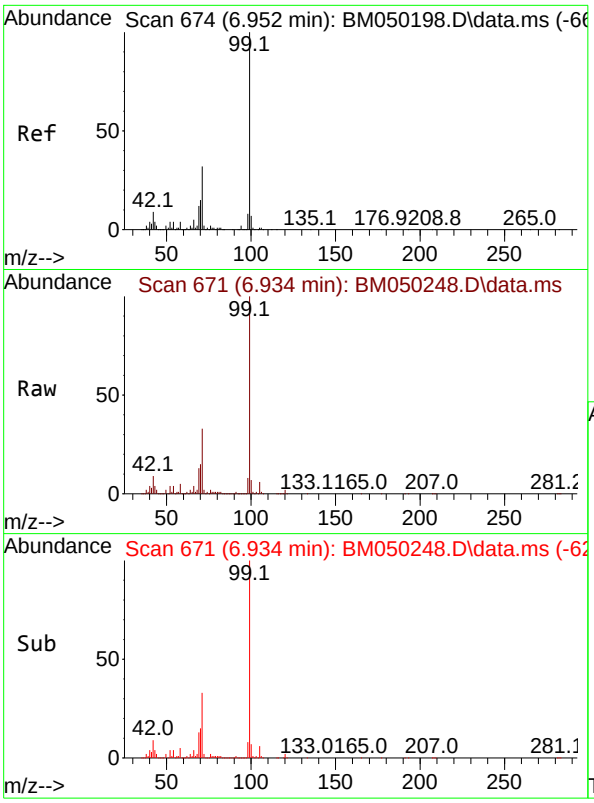


#5
2-Fluorophenol
Concen: 137.275 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050248.D
Acq: 09 Jun 2025 19:01

Tgt Ion:112 Resp: 2752148

Ion	Ratio	Lower	Upper
112	100		
64	51.2	39.8	59.6
63	25.7	19.8	29.8



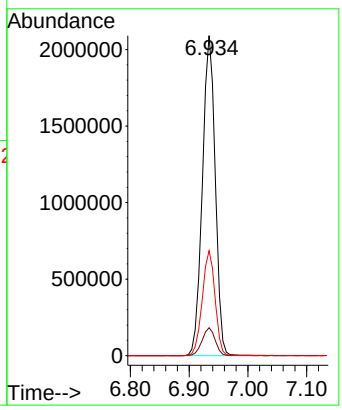


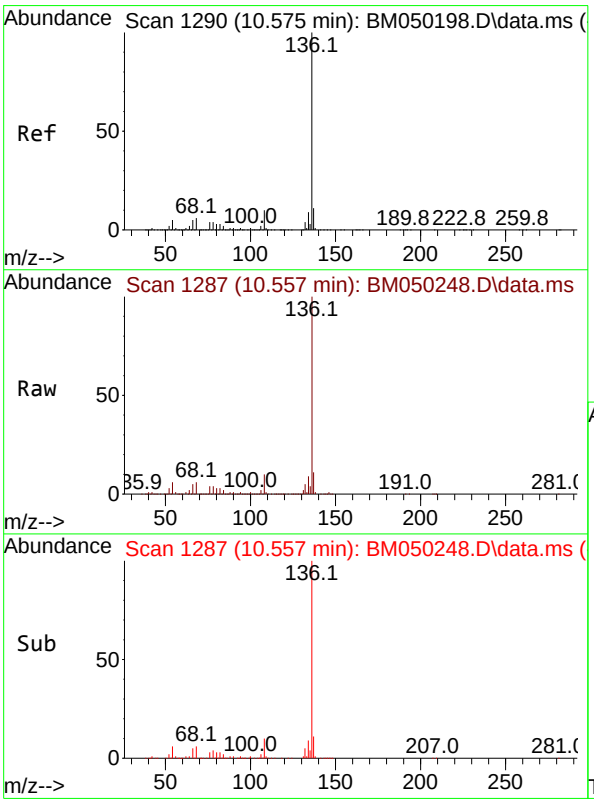
#7
Phenol-d6
Concen: 120.845 ng
RT: 6.934 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050248.D
Acq: 09 Jun 2025 19:01

Instrument :
BNA_M
ClientSampleId :
WC-A2-04-C

Tgt Ion: 99 Resp: 3189329

Ion	Ratio	Lower	Upper
99	100		
42	8.8	6.9	10.3
71	32.8	25.3	37.9

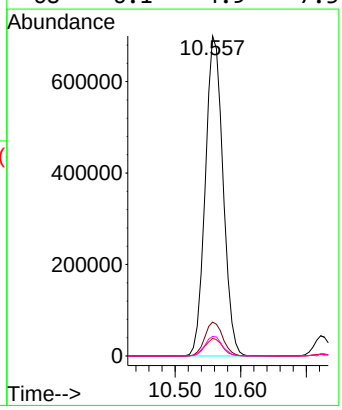


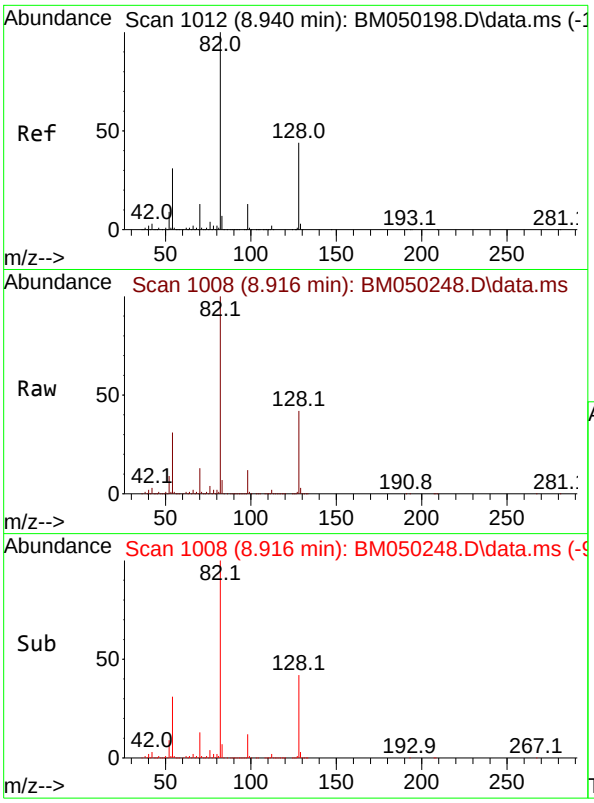


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BM050248.D
Acq: 09 Jun 2025 19:01

Tgt Ion:136 Resp: 1312450

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	5.5	3.8	5.8
68	6.1	4.9	7.3



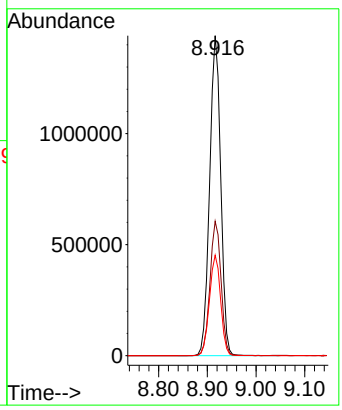


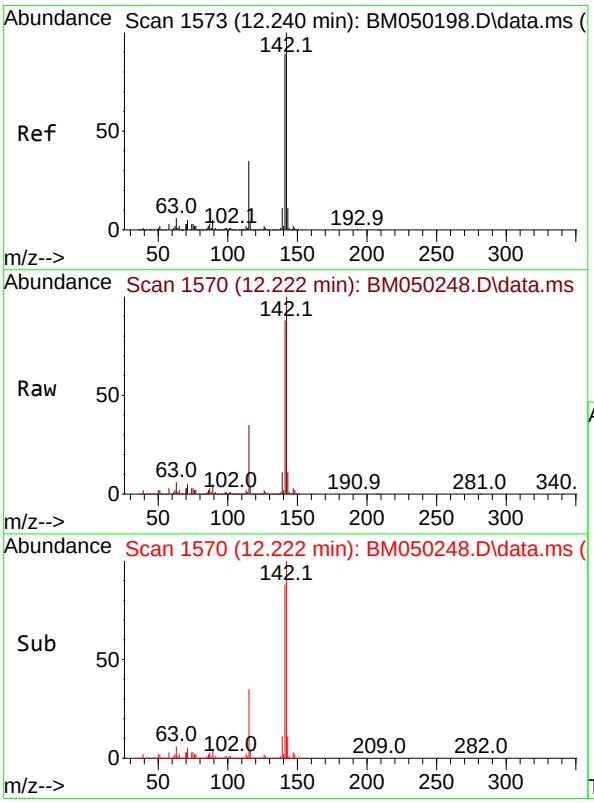
#23
Nitrobenzene-d5
Concen: 89.712 ng
RT: 8.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050248.D
Acq: 09 Jun 2025 19:01

Instrument :
BNA_M
ClientSampleId :
WC-A2-04-C

Tgt Ion: 82 Resp: 2263913

Ion	Ratio	Lower	Upper
82	100		
128	42.0	35.2	52.8
54	31.4	24.5	36.7

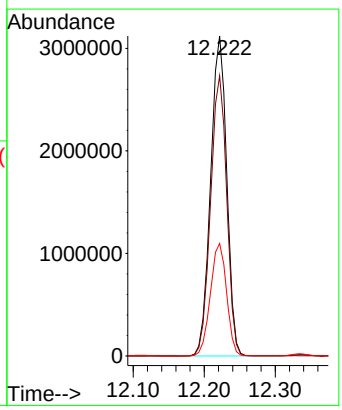


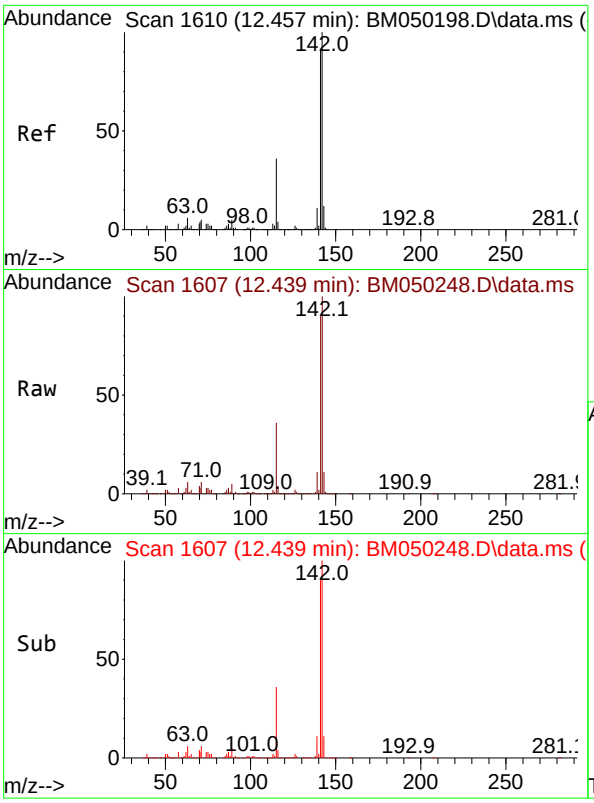


#37
2-Methylnaphthalene
Concen: 119.906 ng
RT: 12.222 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BM050248.D
Acq: 09 Jun 2025 19:01

Tgt Ion:142 Resp: 4908486

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.5	107.3
115	35.2	27.8	41.8



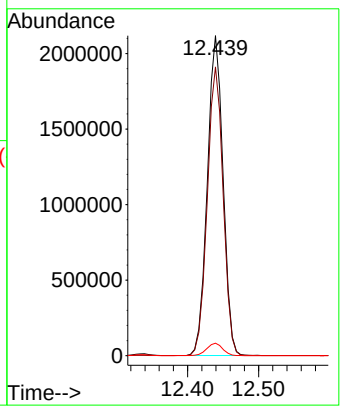


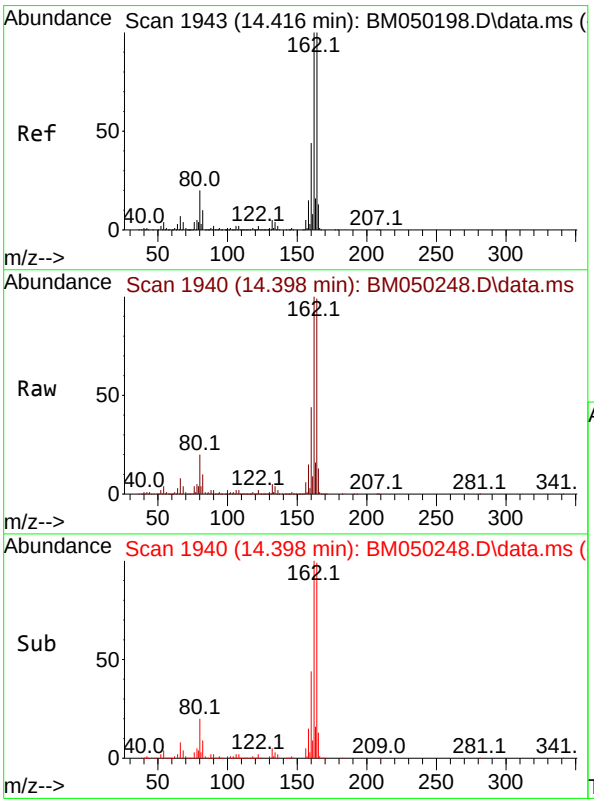
#38
1-Methylnaphthalene
Concen: 75.038 ng
RT: 12.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050248.D
Acq: 09 Jun 2025 19:01

Instrument :
BNA_M
ClientSampleId :
WC-A2-04-C

Tgt Ion:142 Resp: 3260277

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.9	109.3
116	3.9	3.0	4.6

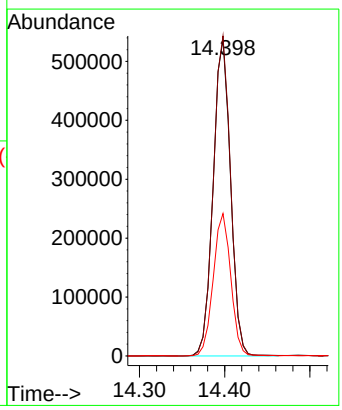


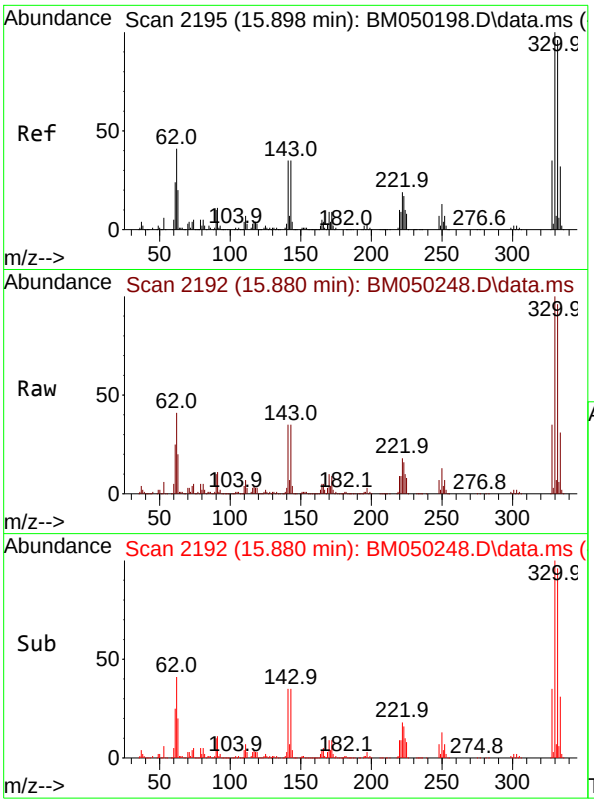


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM050248.D
Acq: 09 Jun 2025 19:01

Tgt Ion:164 Resp: 761229

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.2	120.4
160	45.0	35.7	53.5



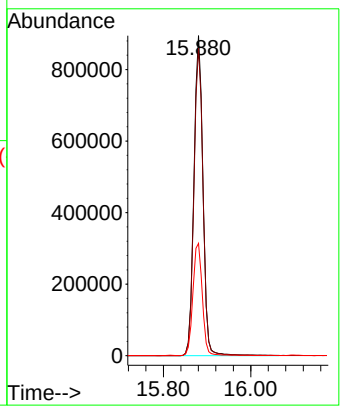


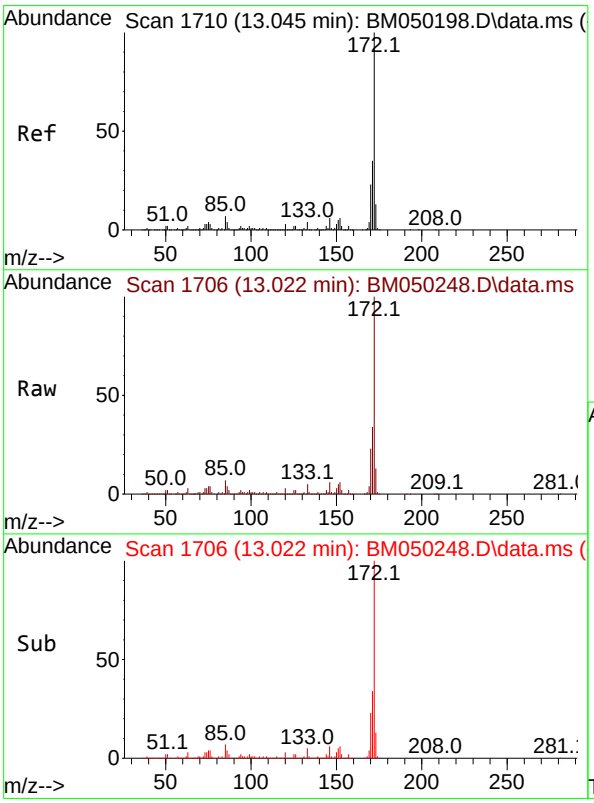
#42
2,4,6-Tribromophenol
Concen: 148.741 ng
RT: 15.880 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050248.D
Acq: 09 Jun 2025 19:01

Instrument :
BNA_M
ClientSampleId :
WC-A2-04-C

Tgt Ion:330 Resp: 1287864

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.5	116.3
141	36.4	28.8	43.2

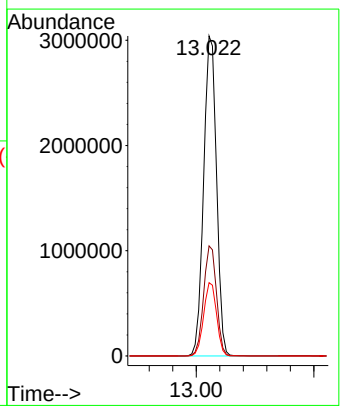


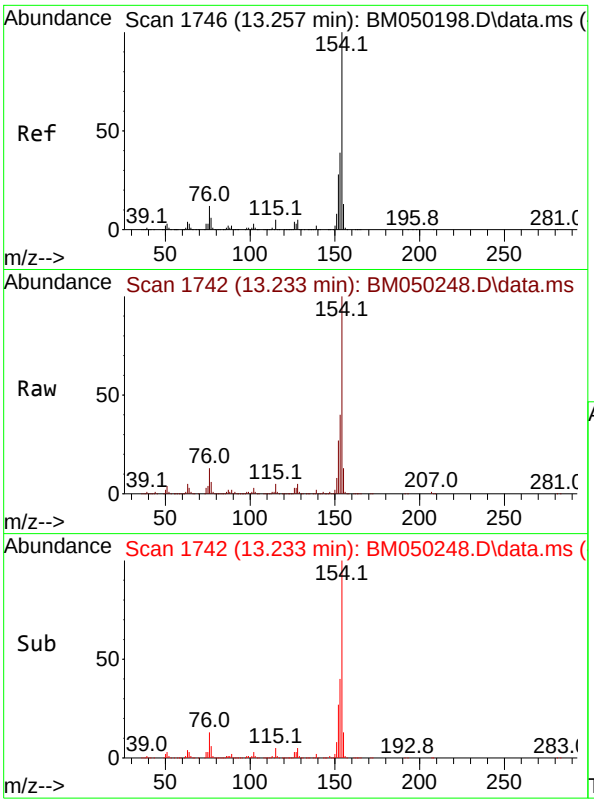


#45
2-Fluorobiphenyl
Concen: 81.929 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050248.D
Acq: 09 Jun 2025 19:01

Tgt Ion:172 Resp: 4606639

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	22.9	18.6	27.8



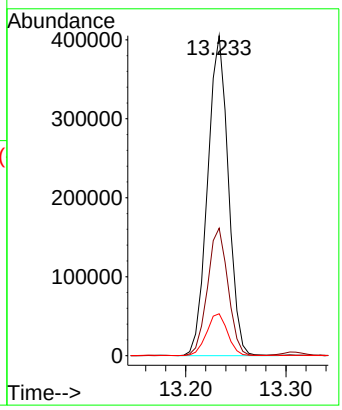


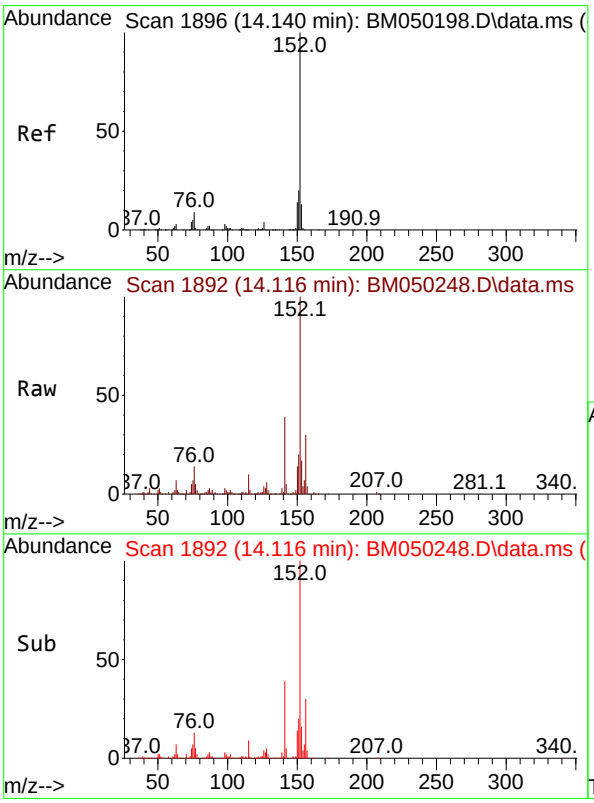
#46
1,1'-Biphenyl
Concen: 10.187 ng
RT: 13.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050248.D
Acq: 09 Jun 2025 19:01

Instrument :
BNA_M
ClientSampleId :
WC-A2-04-C

Tgt Ion:154 Resp: 580651

Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.2	59.2
76	13.1	0.0	32.0

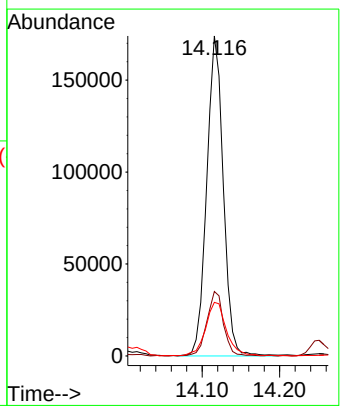


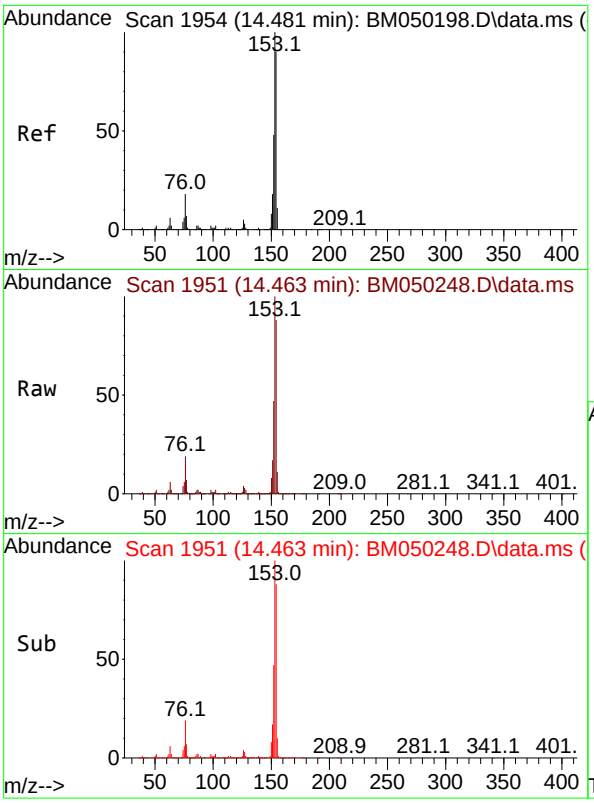


#49
Acenaphthylene
Concen: 3.607 ng
RT: 14.116 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BM050248.D
Acq: 09 Jun 2025 19:01

Tgt Ion:152 Resp: 258538

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	16.7	10.4	15.6#



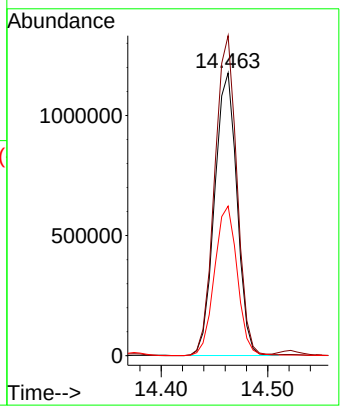


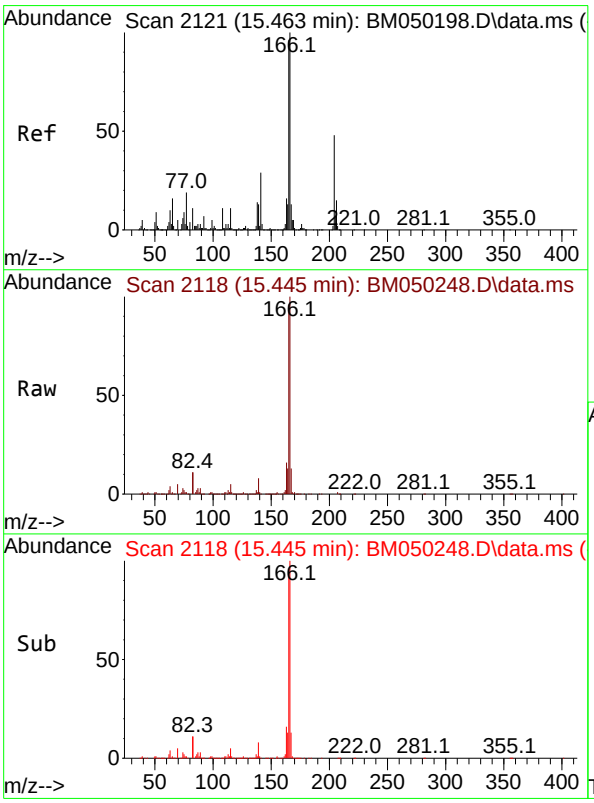
#52
Acenaphthene
Concen: 38.233 ng
RT: 14.463 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050248.D
Acq: 09 Jun 2025 19:01

Instrument :
BNA_M
ClientSampleId :
WC-A2-04-C

Tgt Ion:154 Resp: 1714018

Ion	Ratio	Lower	Upper
154	100		
153	113.2	88.7	133.1
152	52.9	42.6	63.8

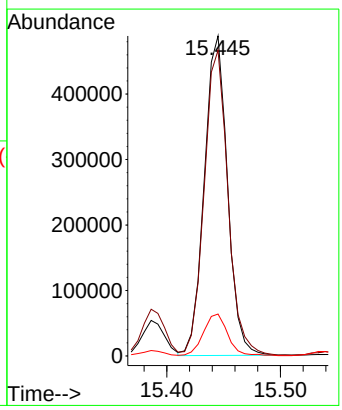


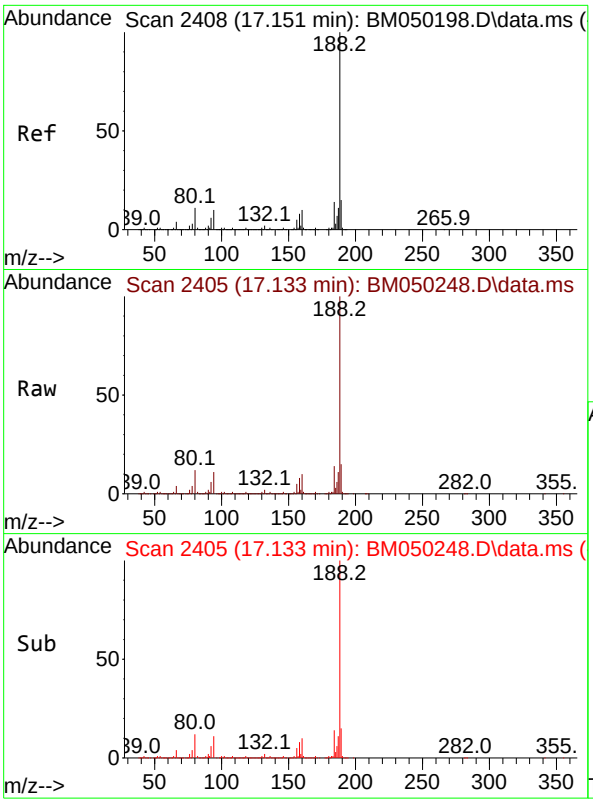


#58
Fluorene
Concen: 13.810 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM050248.D
Acq: 09 Jun 2025 19:01

Tgt Ion:166 Resp: 693734

Ion	Ratio	Lower	Upper
166	100		
165	95.6	77.0	115.4
167	13.1	10.7	16.1



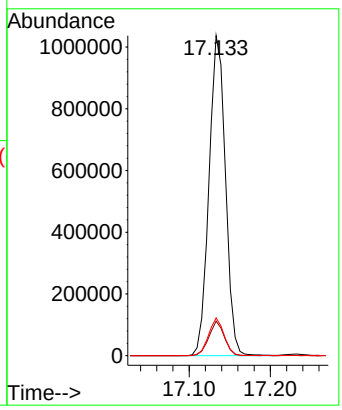


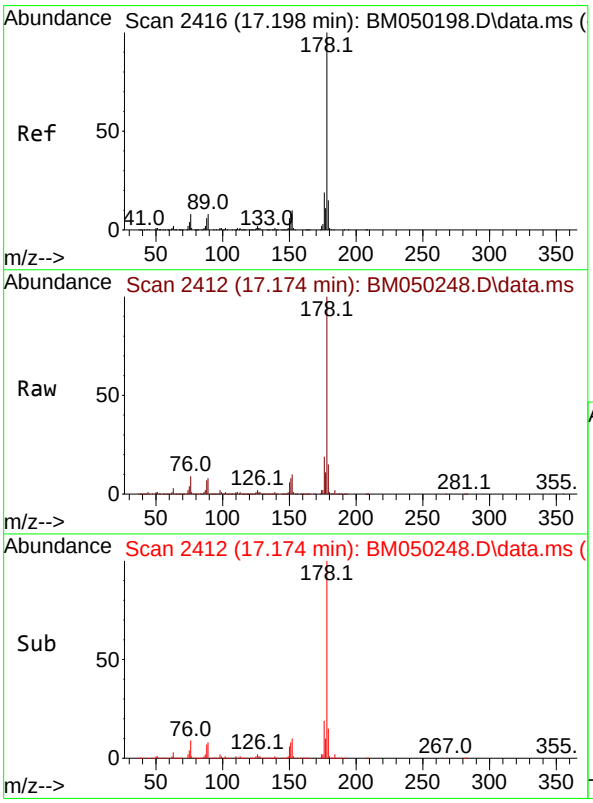
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050248.D
Acq: 09 Jun 2025 19:01

Instrument :
BNA_M
ClientSampleId :
WC-A2-04-C

Tgt Ion:188 Resp: 1459849

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.1	12.1
80	11.8	8.6	13.0

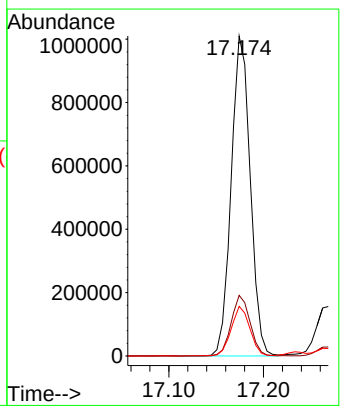


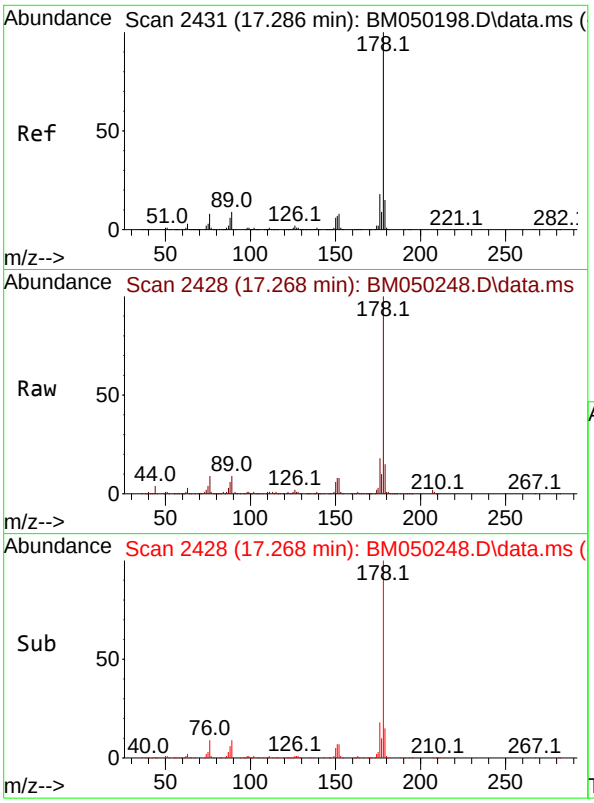


#71
Phenanthrene
Concen: 16.939 ng
RT: 17.174 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM050248.D
Acq: 09 Jun 2025 19:01

Tgt Ion:178 Resp: 1412684

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.5	12.3	18.5



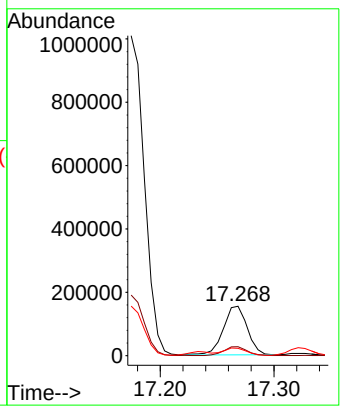


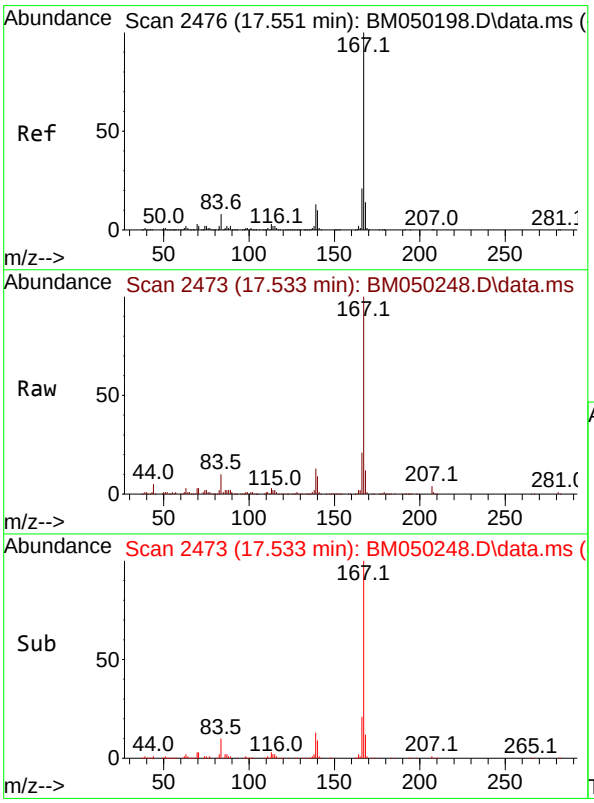
#72
Anthracene
Concen: 2.706 ng
RT: 17.268 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050248.D
Acq: 09 Jun 2025 19:01

Instrument :
BNA_M
ClientSampleId :
WC-A2-04-C

Tgt Ion:178 Resp: 225734

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	14.9	12.3	18.5

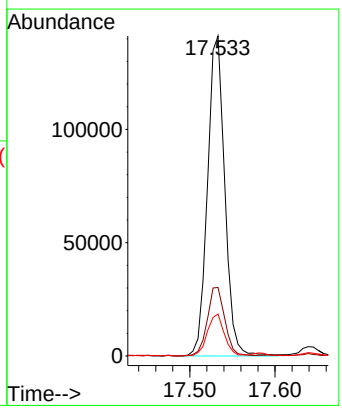


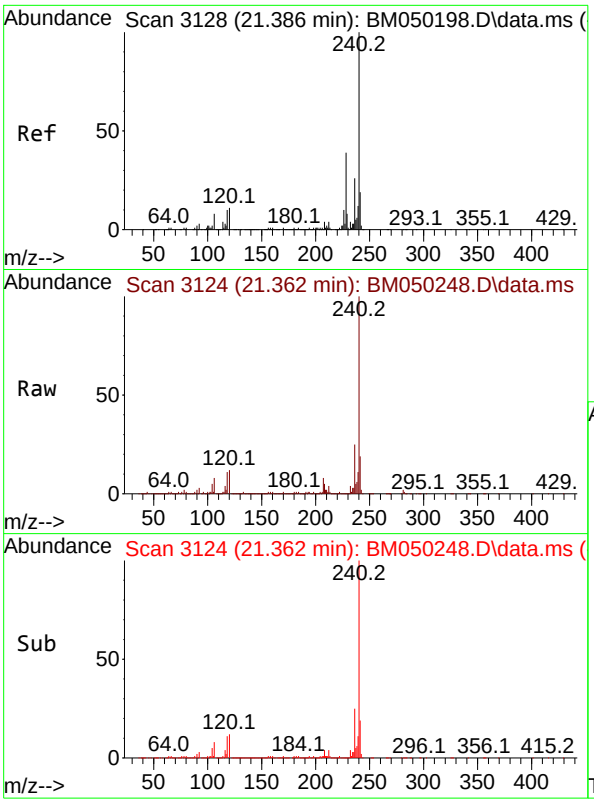


#73
Carbazole
Concen: 2.614 ng
RT: 17.533 min Scan# 2473
Delta R.T. 0.000 min
Lab File: BM050248.D
Acq: 09 Jun 2025 19:01

Tgt Ion:167 Resp: 198686

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	13.1	10.2	15.4



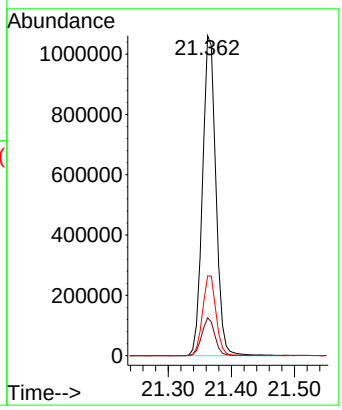


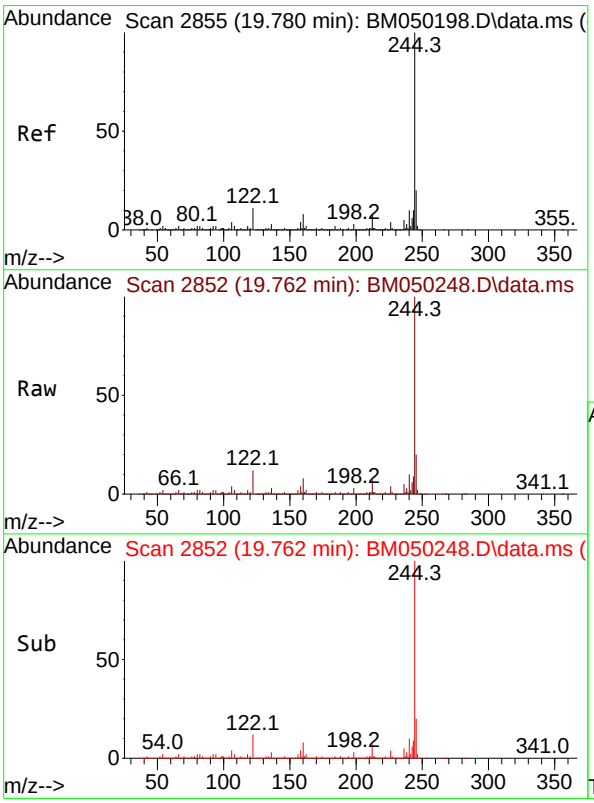
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050248.D
Acq: 09 Jun 2025 19:01

Instrument :
BNA_M
ClientSampleId :
WC-A2-04-C

Tgt Ion:240 Resp: 1563302

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.0	13.4
236	25.0	20.7	31.1

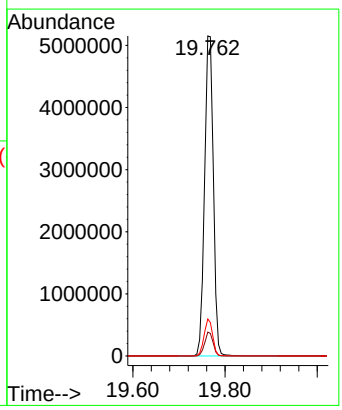


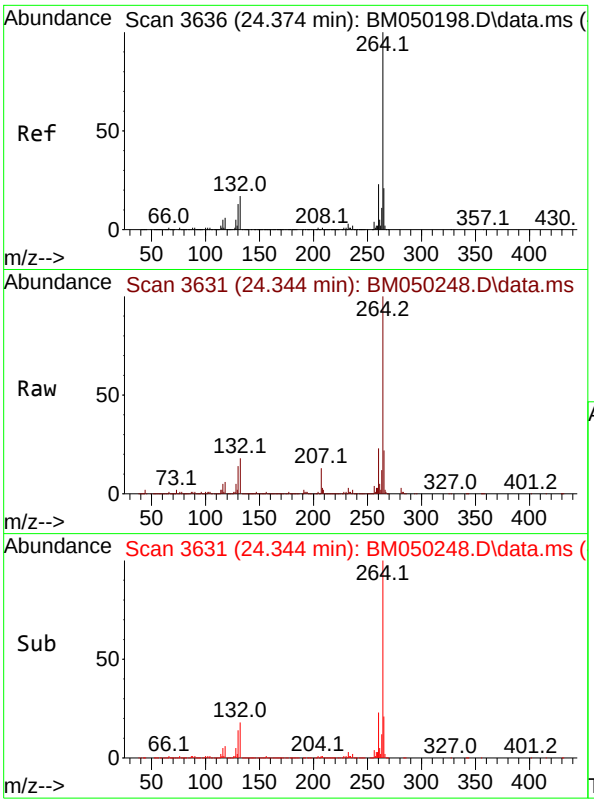


#79
Terphenyl-d14
Concen: 83.512 ng
RT: 19.762 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BM050248.D
Acq: 09 Jun 2025 19:01

Tgt Ion:244 Resp: 6889305

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	11.5	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.344 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050248.D
Acq: 09 Jun 2025 19:01

Instrument :
BNA_M
ClientSampleId :
WC-A2-04-C

Tgt Ion:264 Resp: 1685599

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	21.7	16.8	25.2