Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050462.D
Acq On : 15 Jul 2025 19:31
Operator : RC/JU
Sample : Q2579-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-A2-14-C

Quant Time: Jul 16 02:01:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	490534	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1731974	20.000	ng	-0.01
39) Acenaphthene-d10	14.480	164	1104765	20.000	ng	-0.01
64) Phenanthrene-d10	17.215	188	2272075	20.000	ng	-0.01
76) Chrysene-d12	21.433	240	2341414	20.000	ng	-0.02
86) Perylene-d12	24.462	264	2438835	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3818830	134.006	ng	0.00
7) Phenol-d6	7.022	99	4431503	123.357	ng	0.00
23) Nitrobenzene-d5	9.010	82	2993647	88.183	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	2248808	167.534	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	7678842	85.836	ng	-0.01
79) Terphenyl-d14	19.821	244	12141866	91.240	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	10.704	128	1566713	17.809	ng	100
37) 2-Methylnaphthalene	12.310	142	345027	6.212	ng	97
38) 1-Methylnaphthalene	12.528	142	259006	4.406	ng	98
52) Acenaphthene	14.545	154	225160	3.586	ng	99
71) Phenanthrene	17.257	178	730132	5.679	ng	99

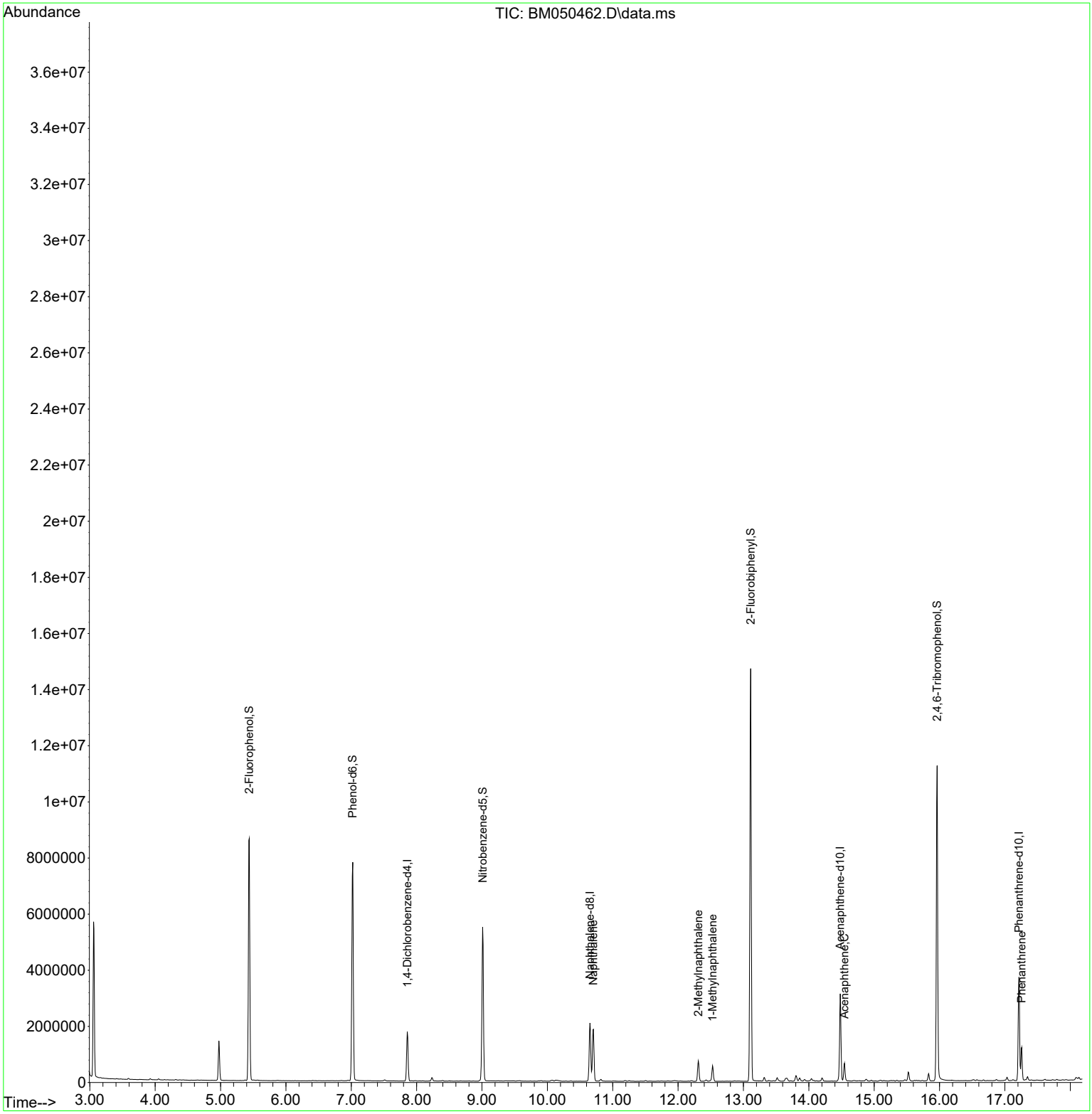
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050462.D
Acq On : 15 Jul 2025 19:31
Operator : RC/JU
Sample : Q2579-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-A2-14-C

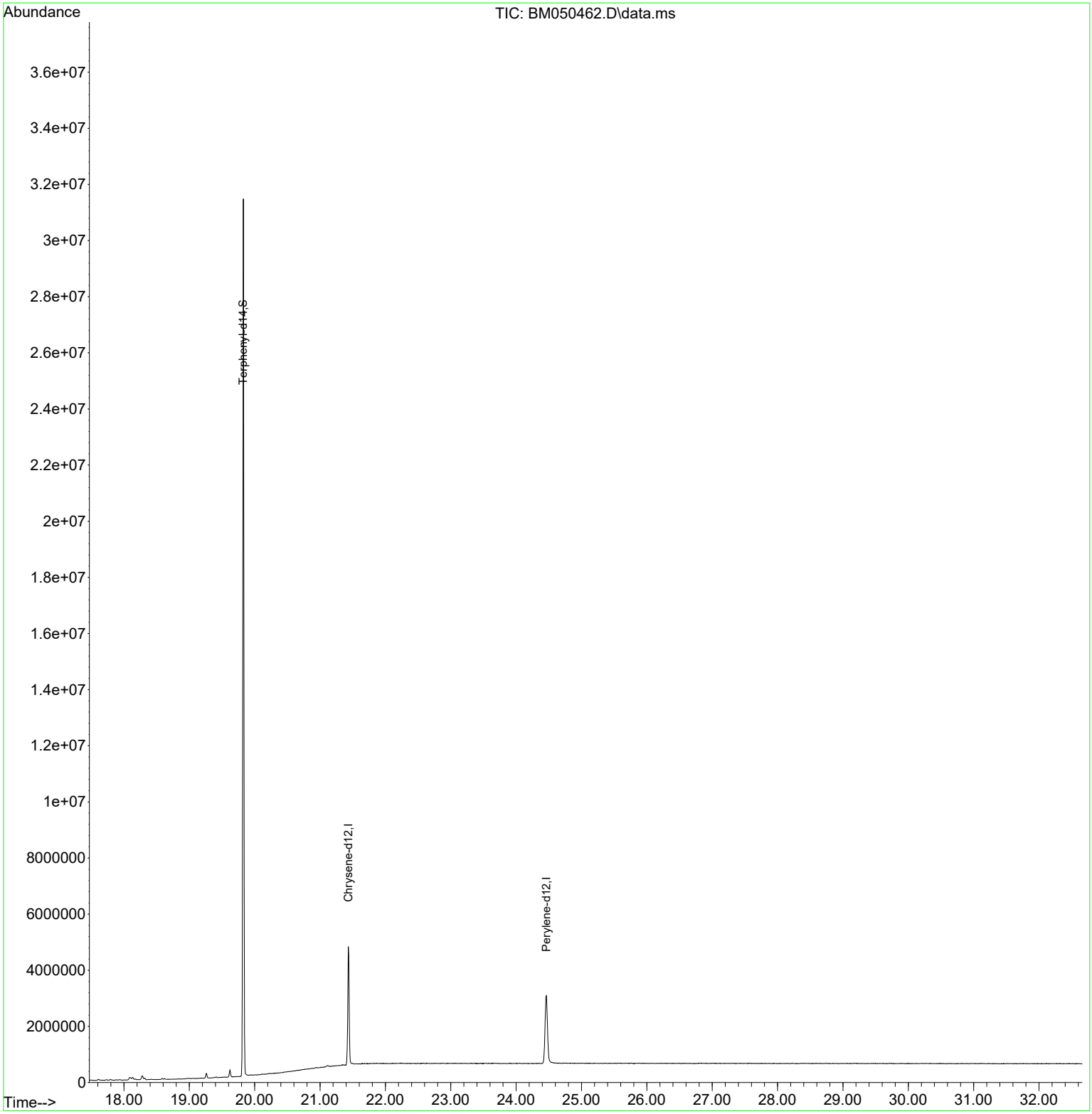
Quant Time: Jul 16 02:01:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

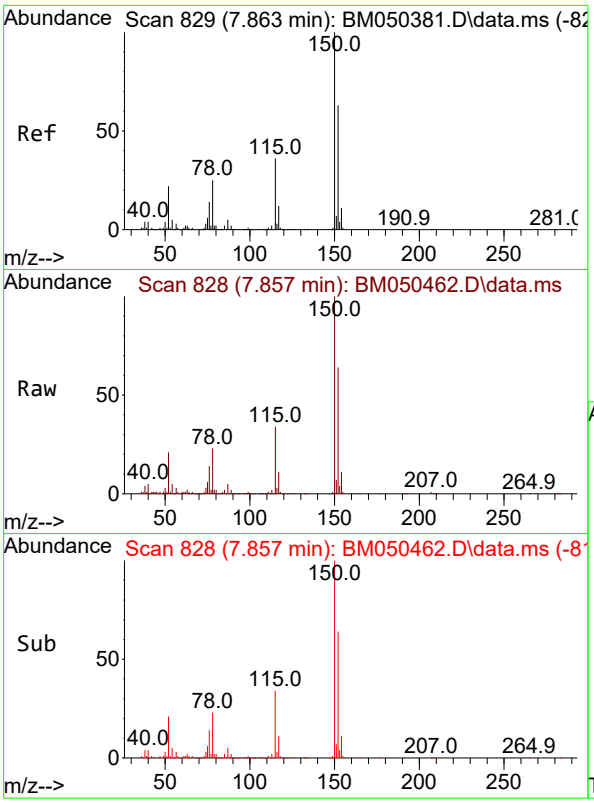


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050462.D
Acq On : 15 Jul 2025 19:31
Operator : RC/JU
Sample : Q2579-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-A2-14-C

Quant Time: Jul 16 02:01:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



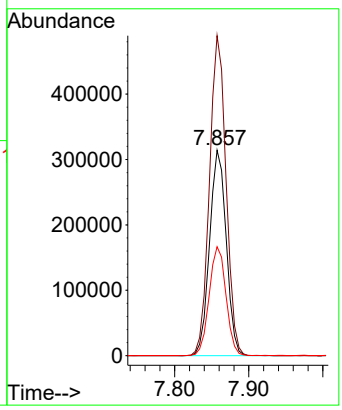


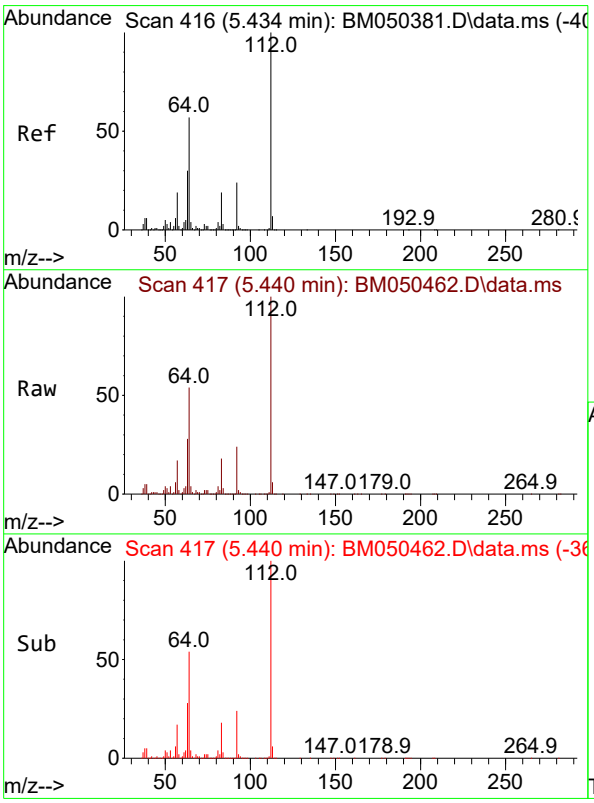
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Instrument :
BNA_M
ClientSampleId :
WC-A2-14-C

Tgt Ion:152 Resp: 490534

Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.2	189.4
115	53.1	45.8	68.8

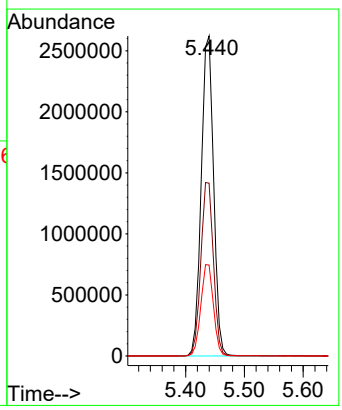


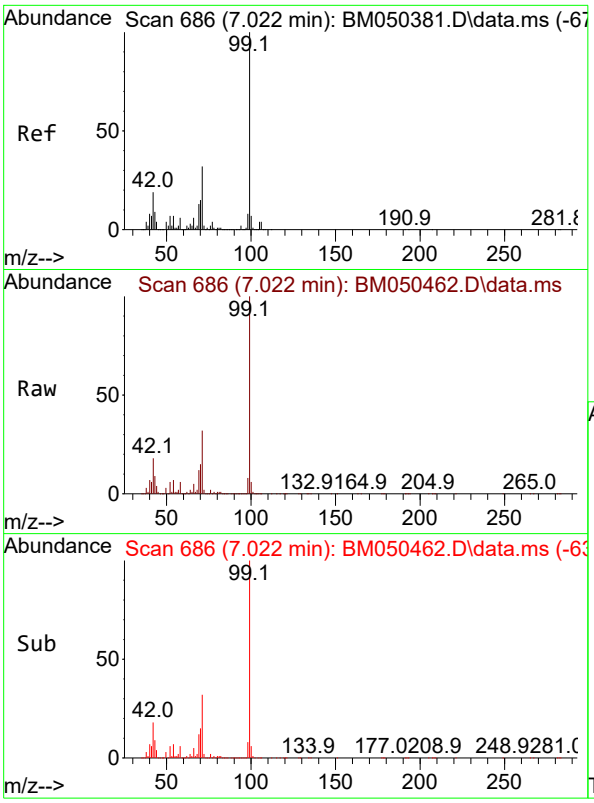


#5
2-Fluorophenol
Concen: 134.006 ng
RT: 5.440 min Scan# 417
Delta R.T. 0.006 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Tgt Ion:112 Resp: 3818830

Ion	Ratio	Lower	Upper
112	100		
64	54.0	45.5	68.3
63	28.4	24.2	36.4



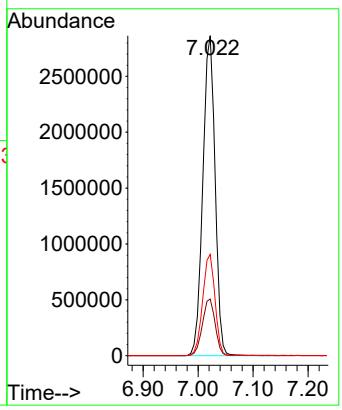


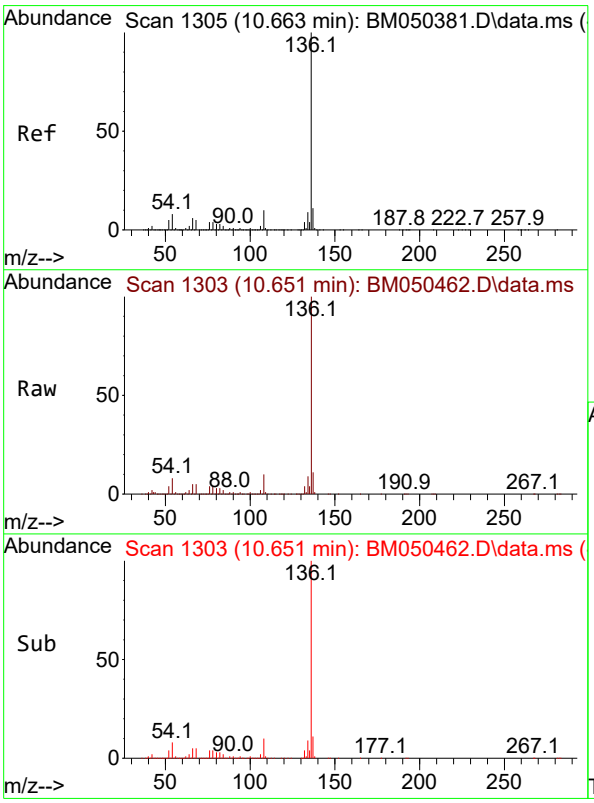
#7
Phenol-d6
Concen: 123.357 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Instrument :
BNA_M
ClientSampleId :
WC-A2-14-C

Tgt Ion: 99 Resp: 4431503

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.0	22.6
71	31.6	25.9	38.9

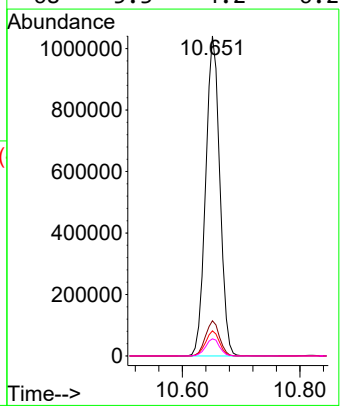


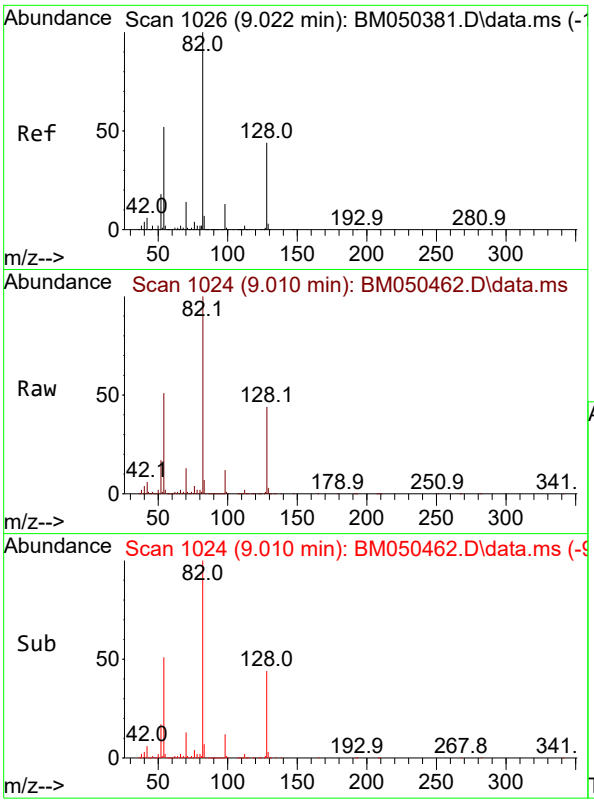


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Tgt Ion:136 Resp: 1731974

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.8	6.3	9.5
68	5.3	4.2	6.2



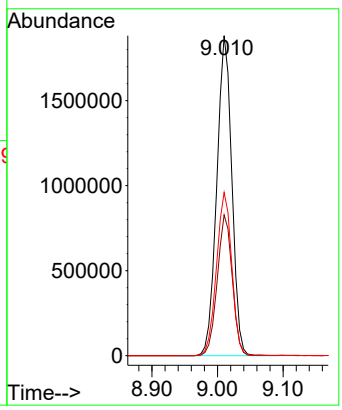


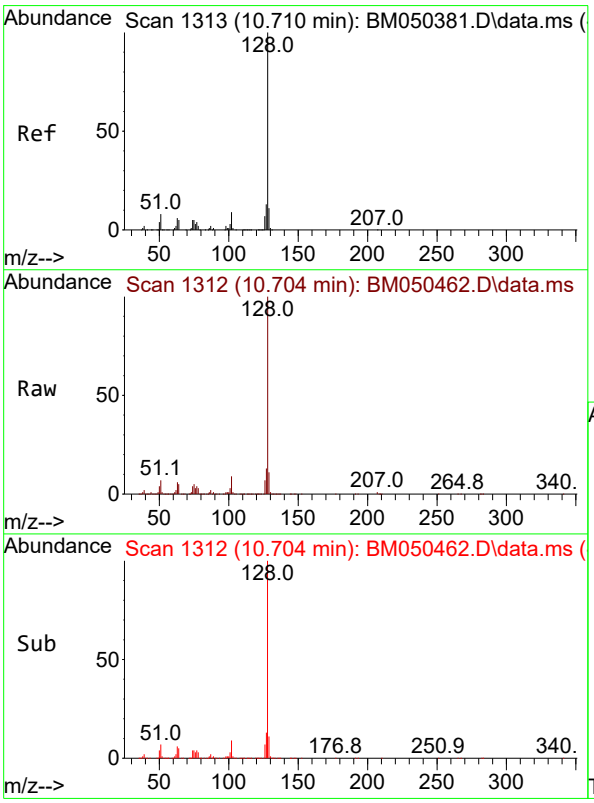
#23
Nitrobenzene-d5
Concen: 88.183 ng
RT: 9.010 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Instrument :
BNA_M
ClientSampleId :
WC-A2-14-C

Tgt Ion: 82 Resp: 2993647

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.2	52.8
54	51.0	41.5	62.3

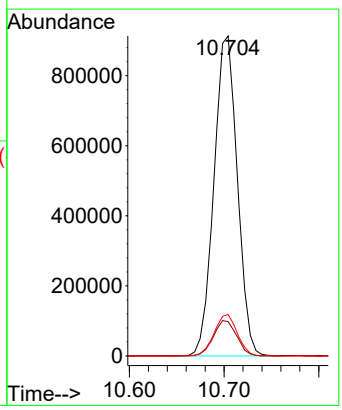


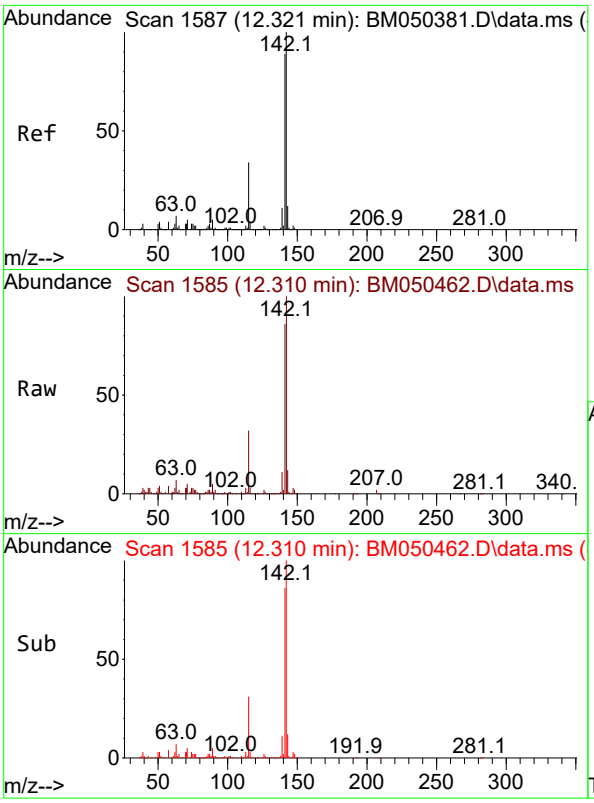


#31
Naphthalene
Concen: 17.809 ng
RT: 10.704 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Tgt Ion:128 Resp: 1566713

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.9	10.4	15.6



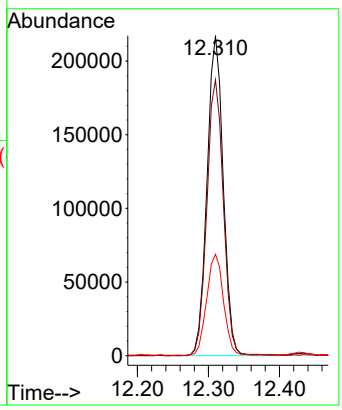


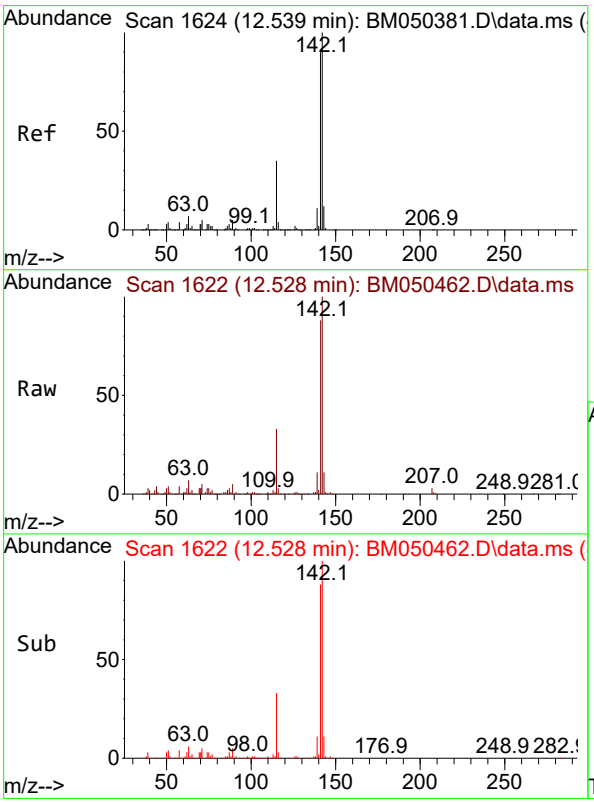
#37
2-Methylnaphthalene
Concen: 6.212 ng
RT: 12.310 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Instrument :
BNA_M
ClientSampleId :
WC-A2-14-C

Tgt Ion:142 Resp: 345027

Ion	Ratio	Lower	Upper
142	100		
141	86.2	70.8	106.2
115	31.7	27.0	40.4

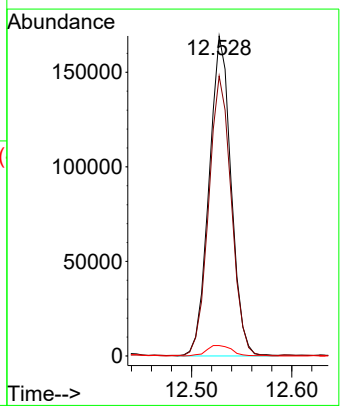


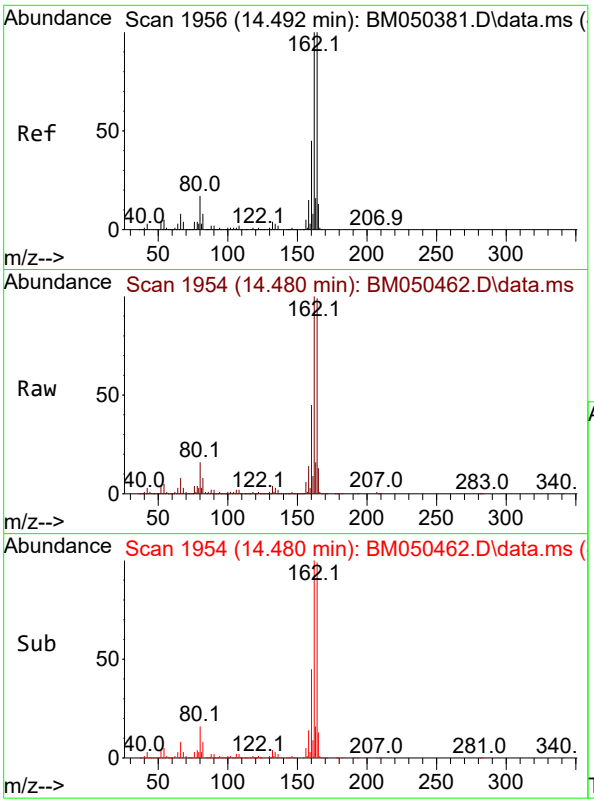


#38
1-Methylnaphthalene
Concen: 4.406 ng
RT: 12.528 min Scan# 1622
Delta R.T. -0.012 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Tgt Ion:142 Resp: 259006

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.9	107.9
116	3.3	3.0	4.6



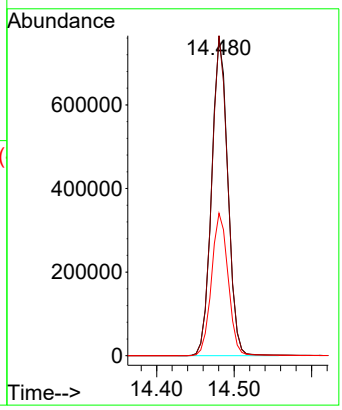


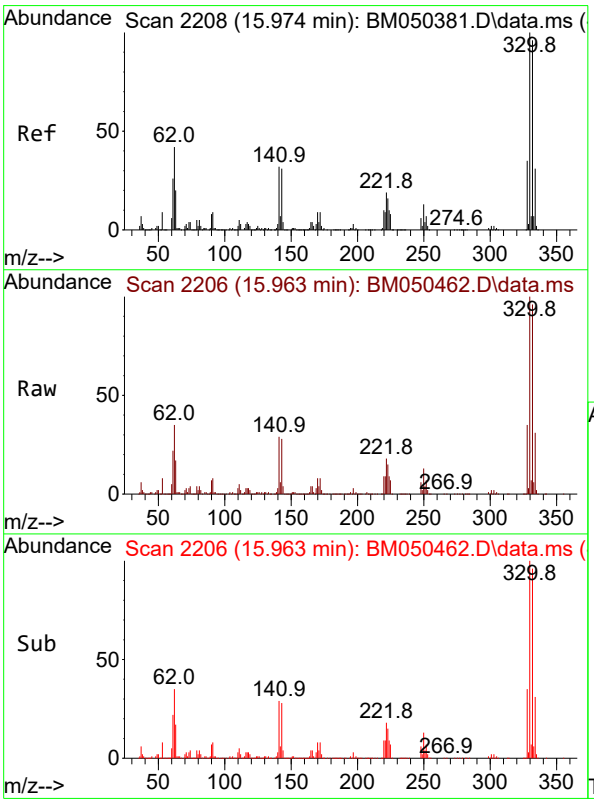
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Instrument :
BNA_M
ClientSampleId :
WC-A2-14-C

Tgt Ion:164 Resp: 1104765

Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.9	119.9
160	44.9	36.2	54.4

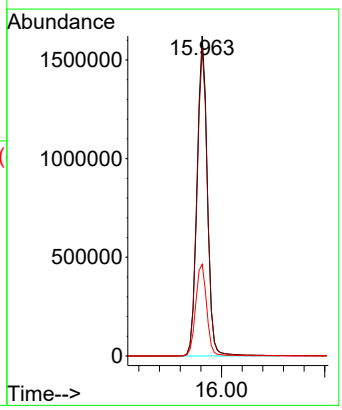


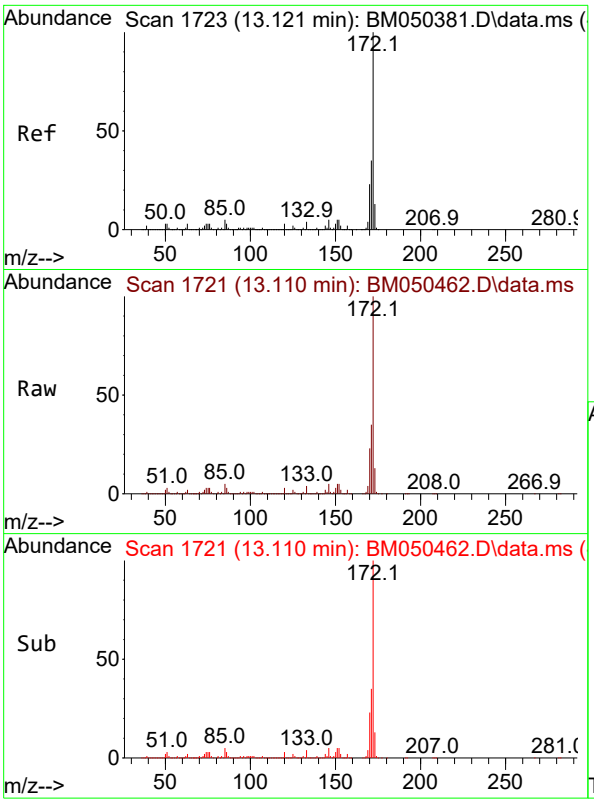


#42
2,4,6-Tribromophenol
Concen: 167.534 ng
RT: 15.963 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Tgt Ion:330 Resp: 2248808

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	30.7	27.4	41.0



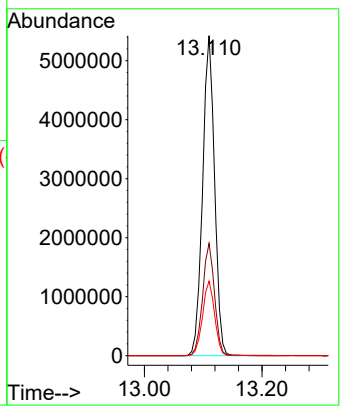


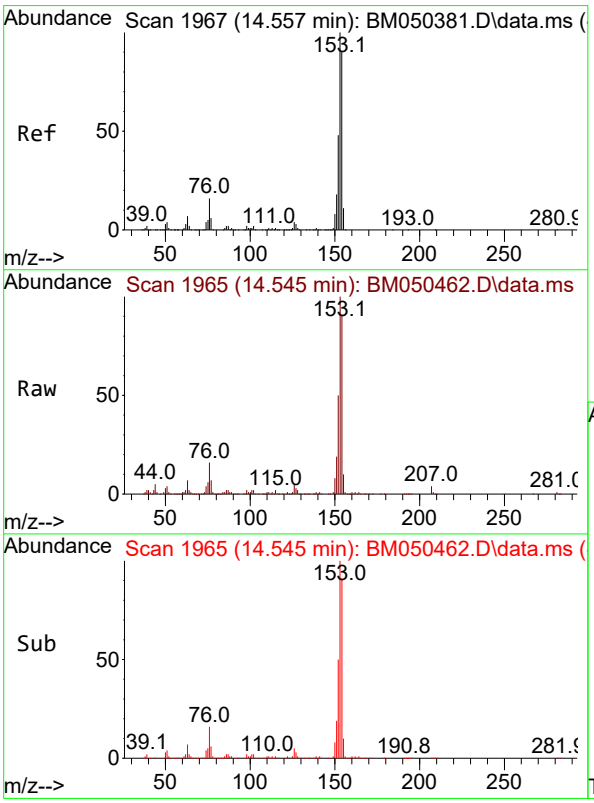
#45
2-Fluorobiphenyl
Concen: 85.836 ng
RT: 13.110 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Instrument :
BNA_M
ClientSampleId :
WC-A2-14-C

Tgt Ion:172 Resp: 7678842

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.7	41.5
170	23.3	18.8	28.2

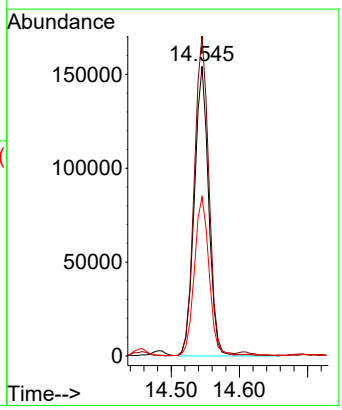


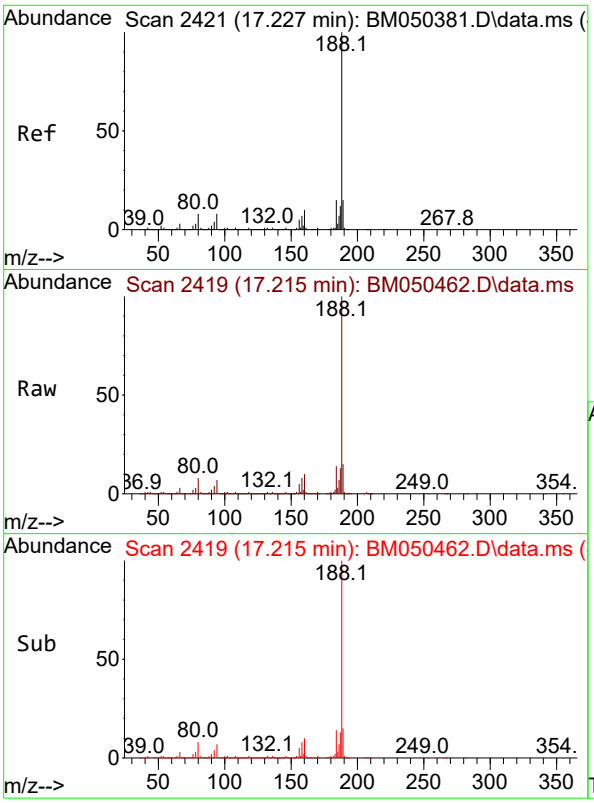


#52
Acenaphthene
Concen: 3.586 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Tgt Ion:154 Resp: 225160

Ion	Ratio	Lower	Upper
154	100		
153	110.5	89.2	133.8
152	54.9	42.6	64.0



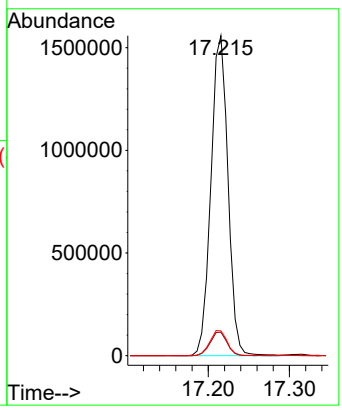


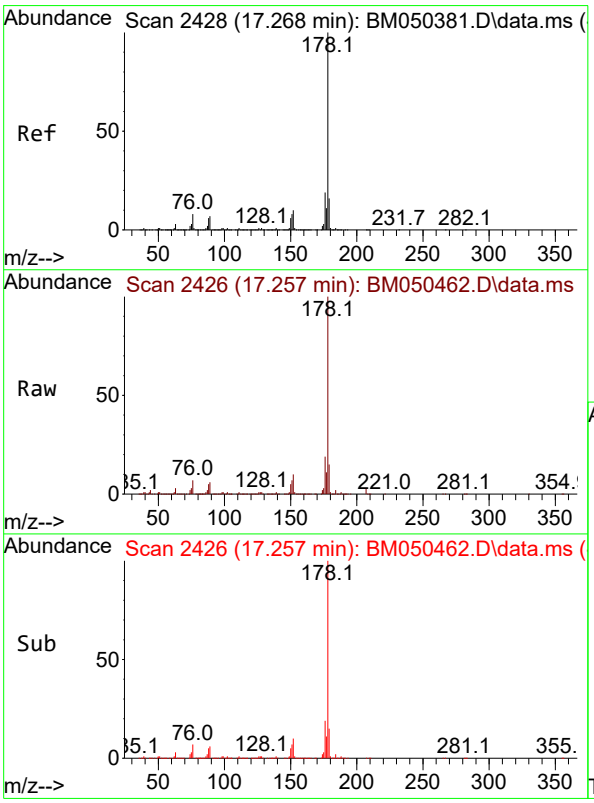
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Instrument :
BNA_M
ClientSampleId :
WC-A2-14-C

Tgt Ion:188 Resp: 2272075

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.0	9.0
80	7.8	6.5	9.7

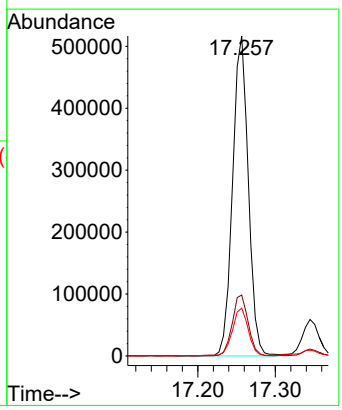


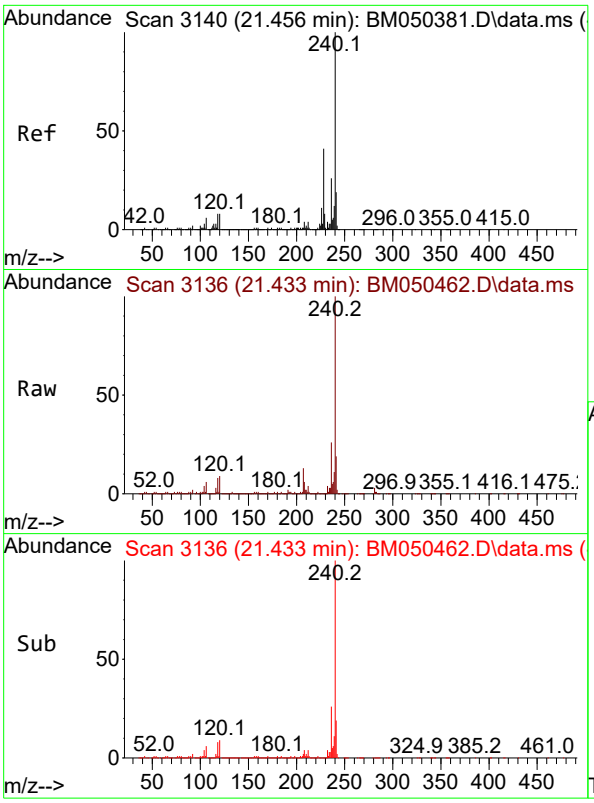


#71
Phenanthrene
Concen: 5.679 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Tgt Ion:178 Resp: 730132

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	14.9	12.5	18.7



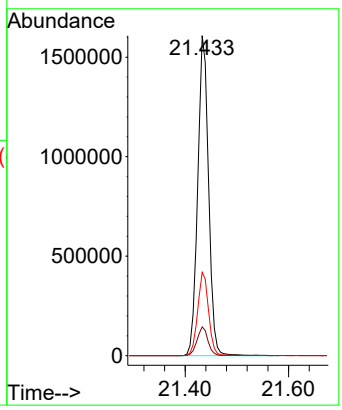


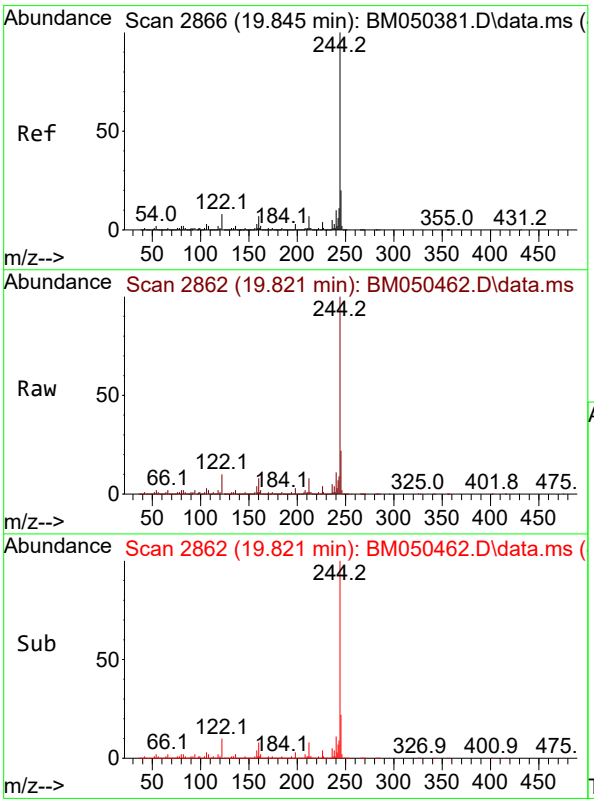
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3
Delta R.T. -0.023 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Instrument :
BNA_M
ClientSampleId :
WC-A2-14-C

Tgt Ion:240 Resp: 2341414

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.7	10.1
236	26.1	20.7	31.1

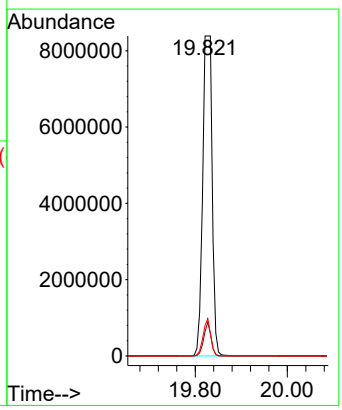


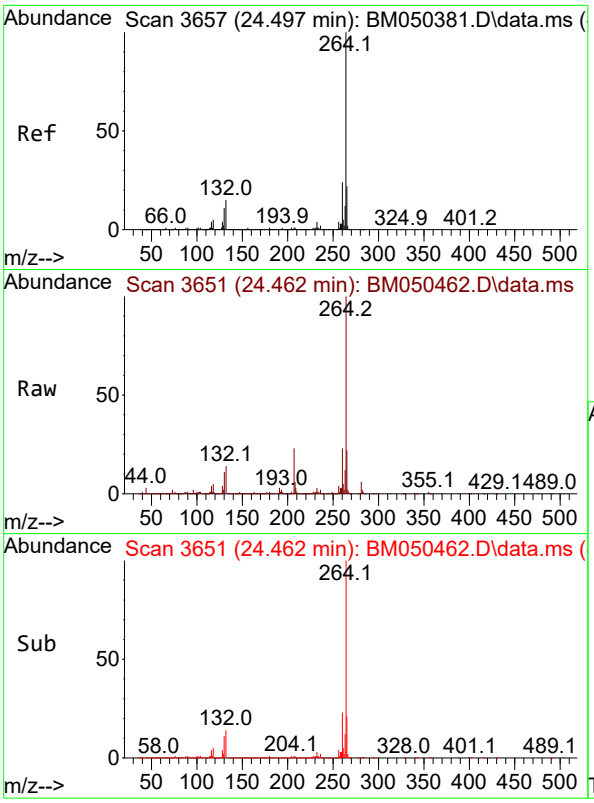


#79
Terphenyl-d14
Concen: 91.240 ng
RT: 19.821 min Scan# 2862
Delta R.T. -0.023 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Tgt Ion:244 Resp:12141866

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	9.6	6.2	9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 3
Delta R.T. -0.035 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Instrument :
BNA_M
ClientSampleId :
WC-A2-14-C

Tgt Ion:264 Resp: 2438835

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.8	17.8	26.6