Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050233.D
Acq On : 07 Jun 2025 04:00
Operator : RC/JU
Sample : Q2177-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-202-SB01

Quant Time: Jun 07 05:36:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	306776	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1155499	20.000	ng	#-0.01
39) Acenaphthene-d10	14.410	164	625136	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1109436	20.000	ng	-0.01
76) Chrysene-d12	21.374	240	1043232	20.000	ng	-0.01
86) Perylene-d12	24.356	264	1124100	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2277932	123.866	ng	0.00
7) Phenol-d6	6.952	99	2586807	106.853	ng	0.00
23) Nitrobenzene-d5	8.934	82	1787839	80.469	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	829869	116.711	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3525780	76.357	ng	-0.01
79) Terphenyl-d14	19.774	244	4569124	82.998	ng	-0.01
Target Compounds						Qvalue
52) Acenaphthene	14.475	154	102876	2.794	ng	96
55) Dibenzofuran	14.804	168	147513	2.739	ng	97
56) 4-Nitrophenol	14.804	139	56344	6.967	ng	# 12
58) Fluorene	15.457	166	171436	4.156	ng	97
71) Phenanthrene	17.186	178	558859	8.818	ng	99

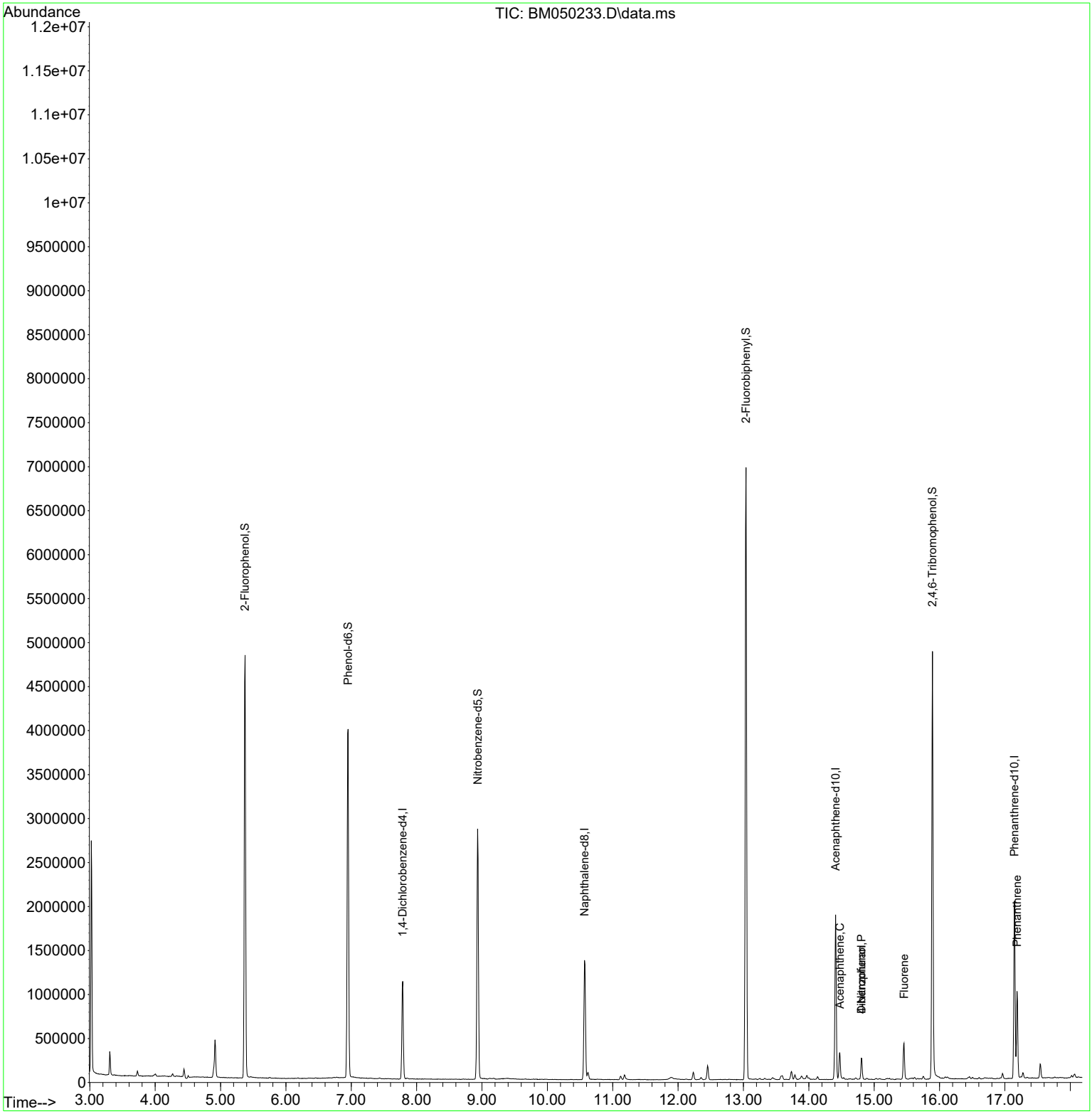
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050233.D
Acq On : 07 Jun 2025 04:00
Operator : RC/JU
Sample : Q2177-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-202-SB01

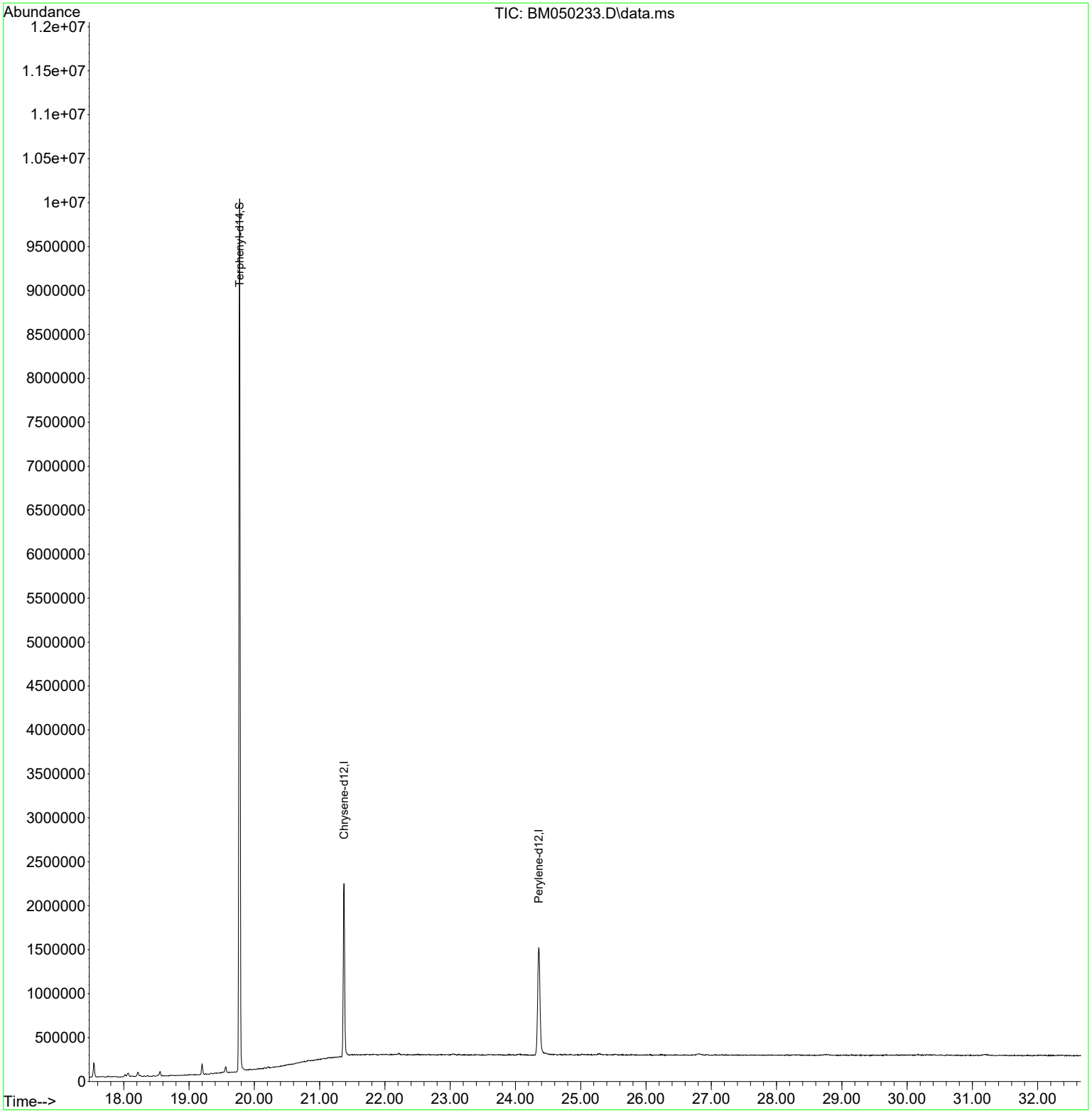
Quant Time: Jun 07 05:36:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

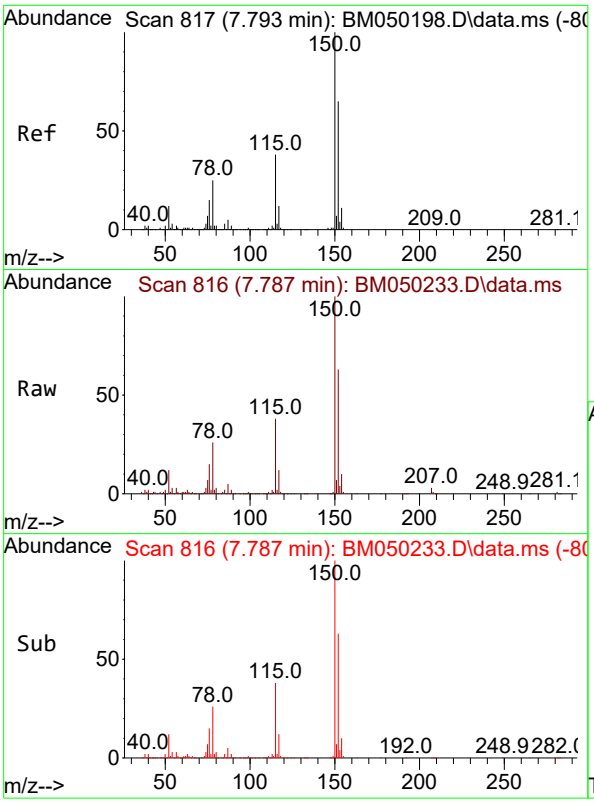


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050233.D
Acq On : 07 Jun 2025 04:00
Operator : RC/JU
Sample : Q2177-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-202-SB01

Quant Time: Jun 07 05:36:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration



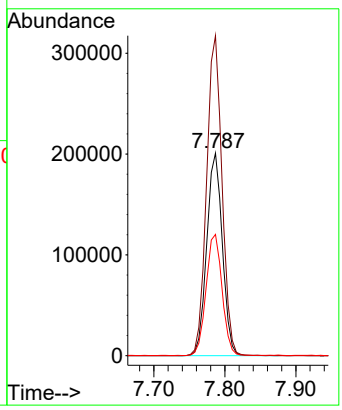


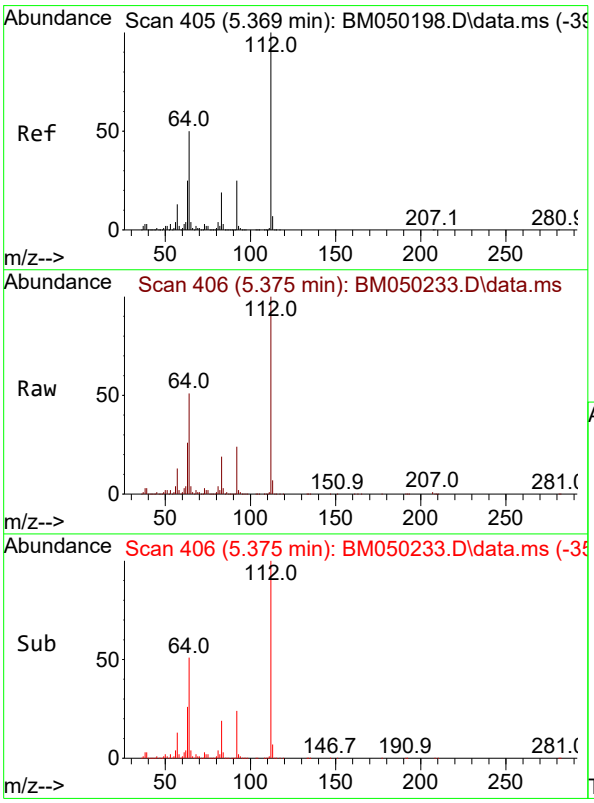
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Instrument :
BNA_M
ClientSampleId :
B-202-SB01

Tgt Ion:152 Resp: 306776

Ion	Ratio	Lower	Upper
152	100		
150	158.0	122.2	183.4
115	59.9	46.3	69.5

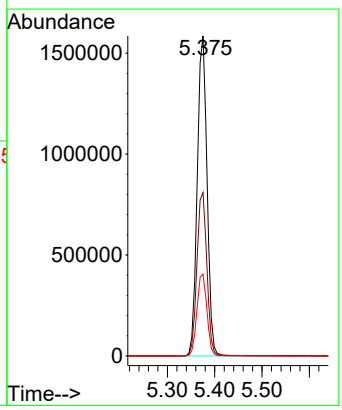


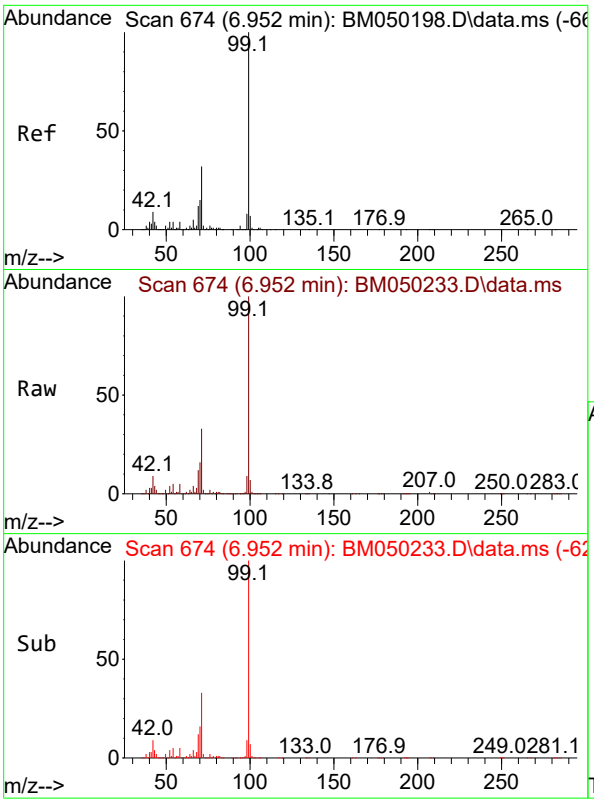


#5
2-Fluorophenol
Concen: 123.866 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Tgt Ion:112 Resp: 2277932

Ion	Ratio	Lower	Upper
112	100		
64	51.0	39.8	59.6
63	25.6	19.8	29.8



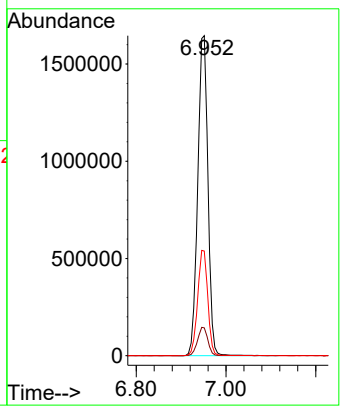


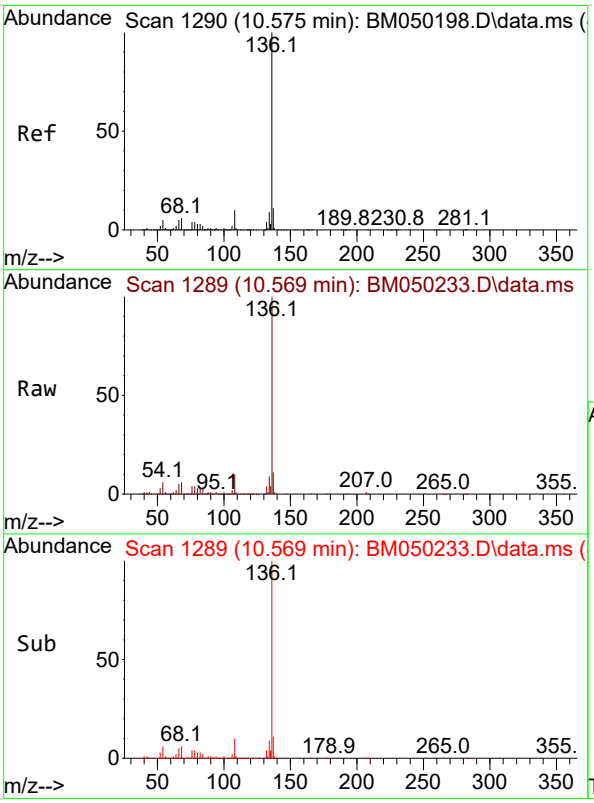
#7
Phenol-d6
Concen: 106.853 ng
RT: 6.952 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Instrument :
BNA_M
ClientSampleId :
B-202-SB01

Tgt Ion: 99 Resp: 2586807

Ion	Ratio	Lower	Upper
99	100		
42	8.7	6.9	10.3
71	32.7	25.3	37.9

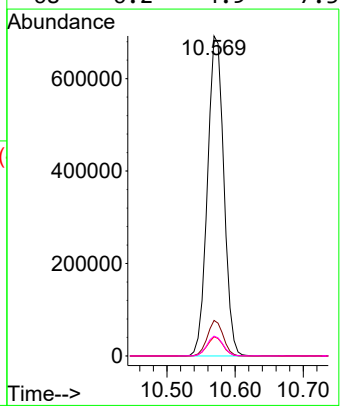


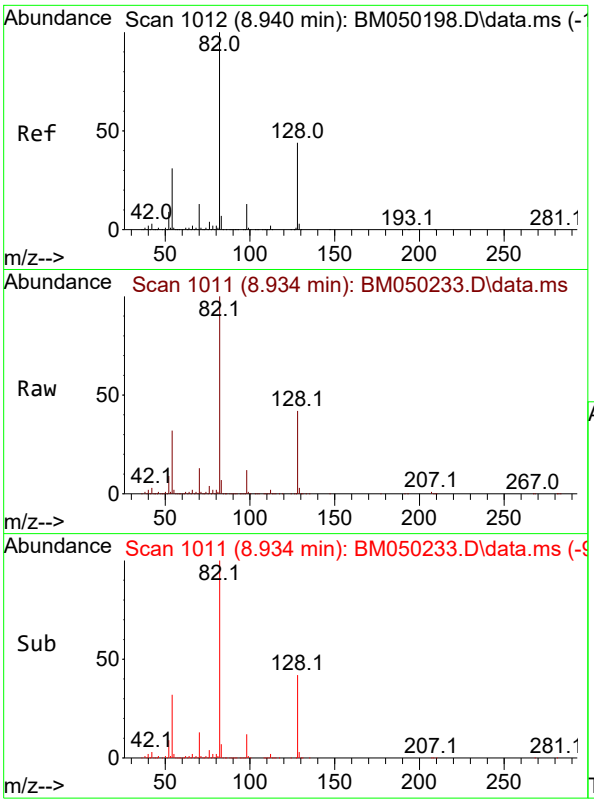


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Tgt Ion:136 Resp: 1155499

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.0	3.8	5.8#
68	6.2	4.9	7.3



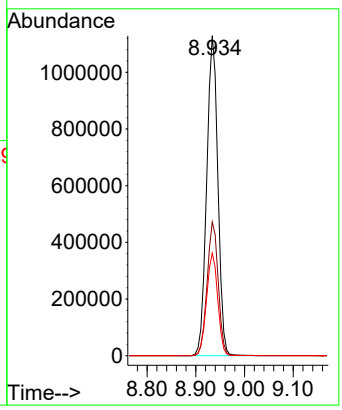


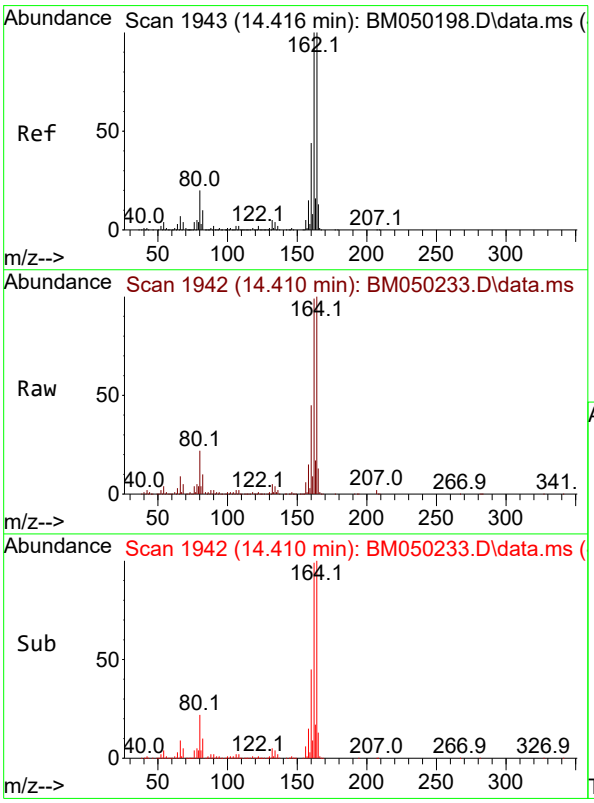
#23
Nitrobenzene-d5
Concen: 80.469 ng
RT: 8.934 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Instrument :
BNA_M
ClientSampleId :
B-202-SB01

Tgt Ion: 82 Resp: 1787839

Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.2	52.8
54	32.0	24.5	36.7

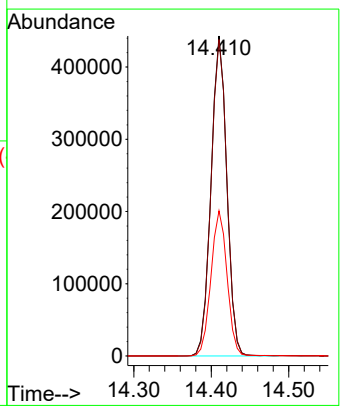


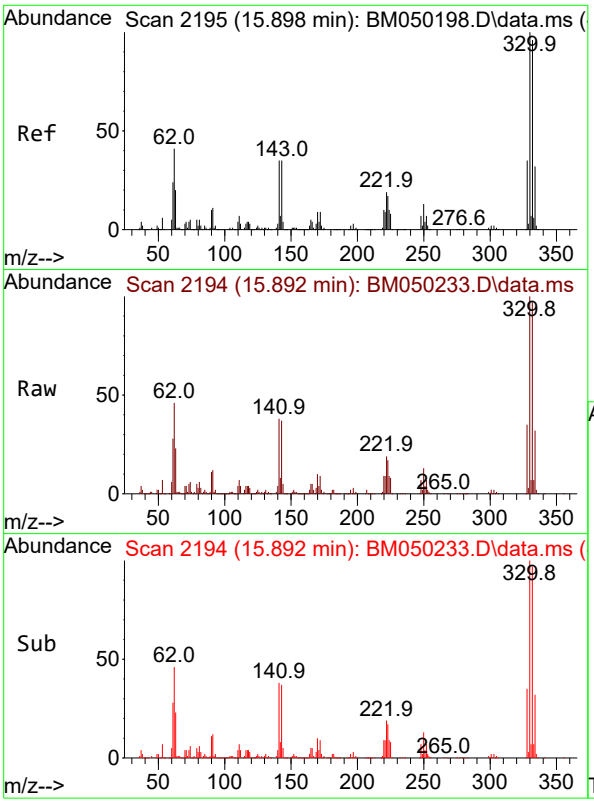


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Tgt Ion:164 Resp: 625136

Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.2	120.4
160	45.3	35.7	53.5



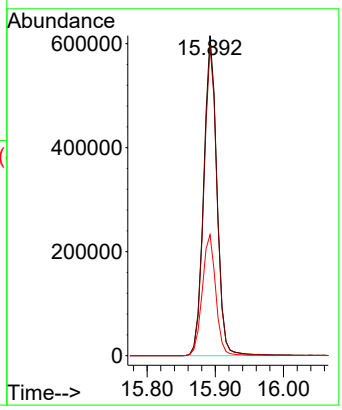


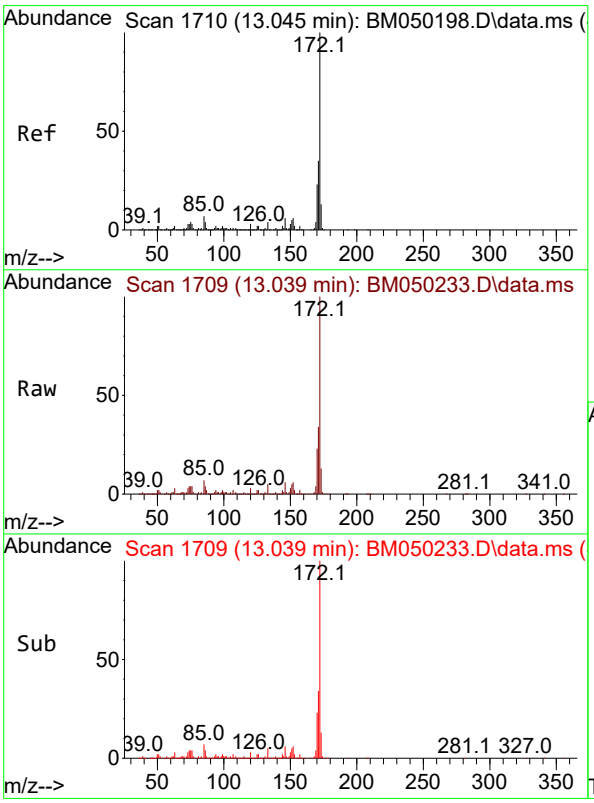
#42
2,4,6-Tribromophenol
Concen: 116.711 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Instrument :
BNA_M
ClientSampleId :
B-202-SB01

Tgt Ion:330 Resp: 829869

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.5	116.3
141	38.8	28.8	43.2

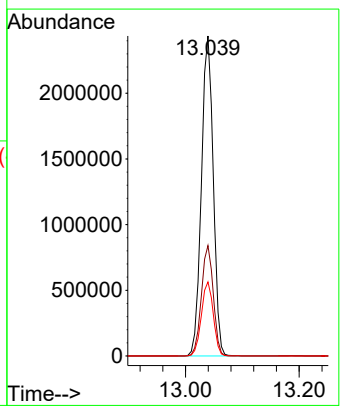


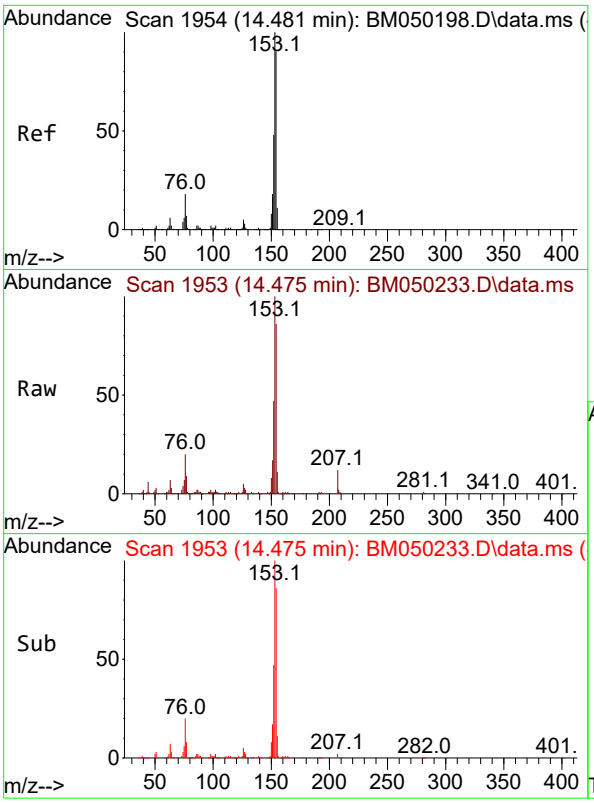


#45
2-Fluorobiphenyl
Concen: 76.357 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Tgt Ion:172 Resp: 3525780

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.6
170	23.2	18.6	27.8



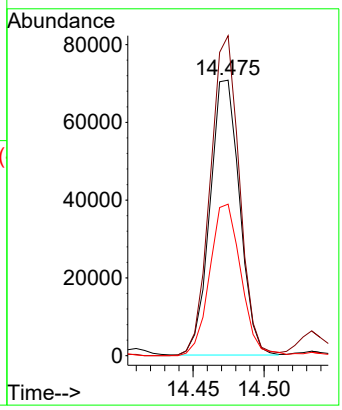


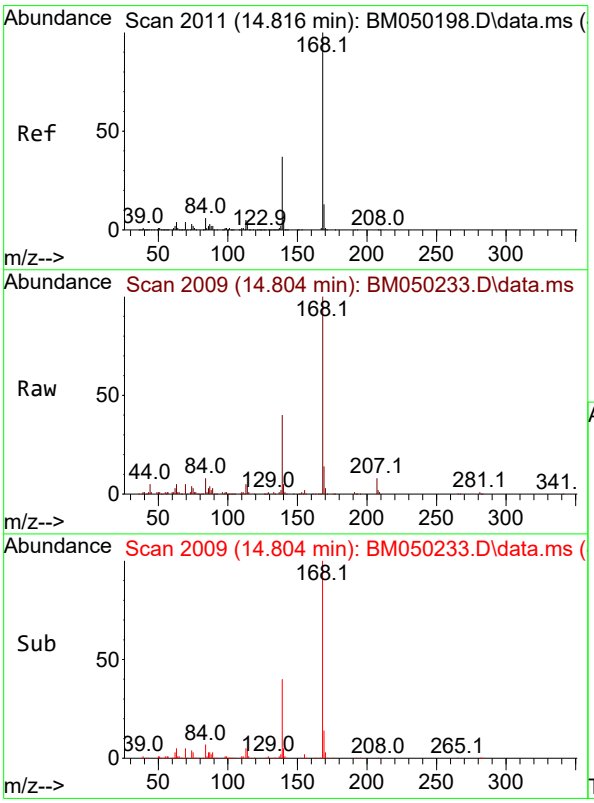
#52
Acenaphthene
Concen: 2.794 ng
RT: 14.475 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Instrument :
BNA_M
ClientSampleId :
B-202-SB01

Tgt Ion:154 Resp: 102876

Ion	Ratio	Lower	Upper
154	100		
153	116.1	88.7	133.1
152	55.0	42.6	63.8

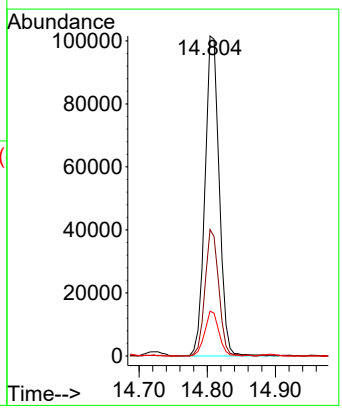


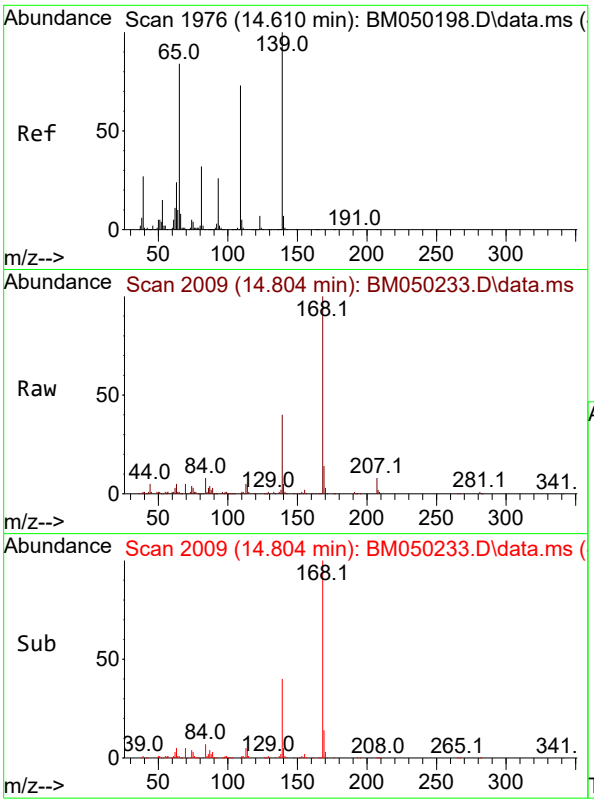


#55
Dibenzofuran
Concen: 2.739 ng
RT: 14.804 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Tgt Ion:168 Resp: 147513

Ion	Ratio	Lower	Upper
168	100		
139	39.5	29.9	44.9
169	14.0	10.6	16.0



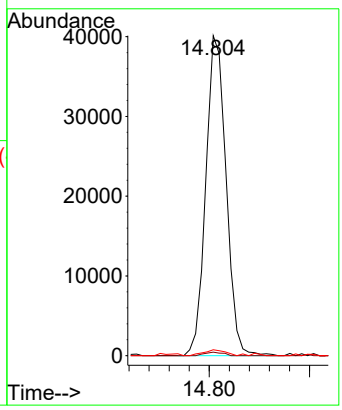


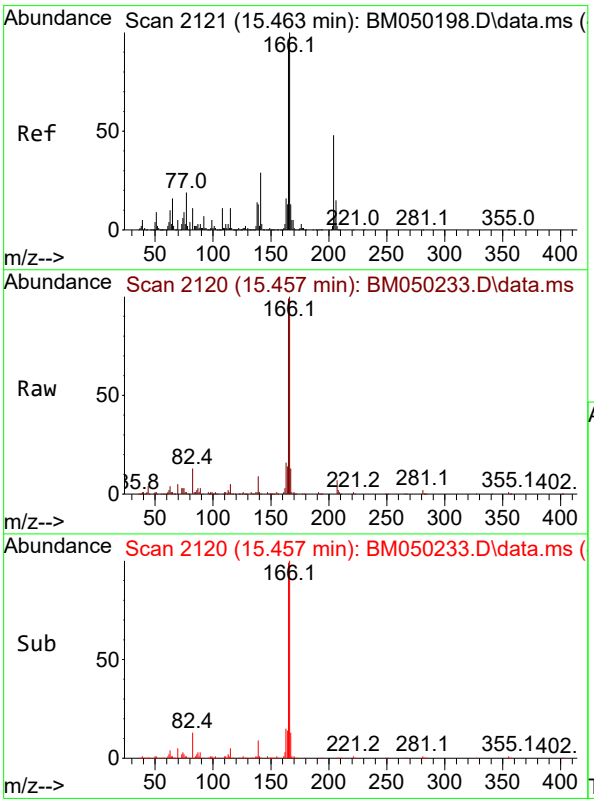
#56
4-Nitrophenol
Concen: 6.967 ng
RT: 14.804 min Scan# 2
Delta R.T. 0.188 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Instrument :
BNA_M
ClientSampleId :
B-202-SB01

Tgt Ion:139 Resp: 56344

Ion	Ratio	Lower	Upper
139	100		
109	1.1	52.6	92.6#
65	1.9	64.3	104.3#

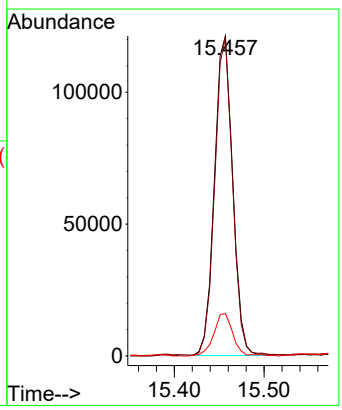


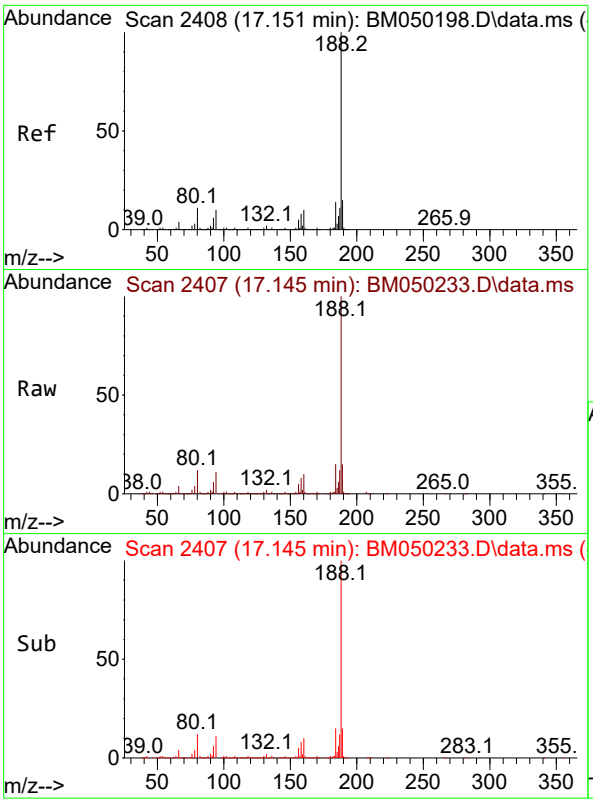


#58
Fluorene
Concen: 4.156 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Tgt Ion:166 Resp: 171436

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.0	115.4
167	13.2	10.7	16.1



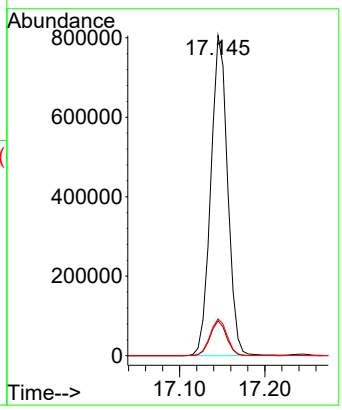


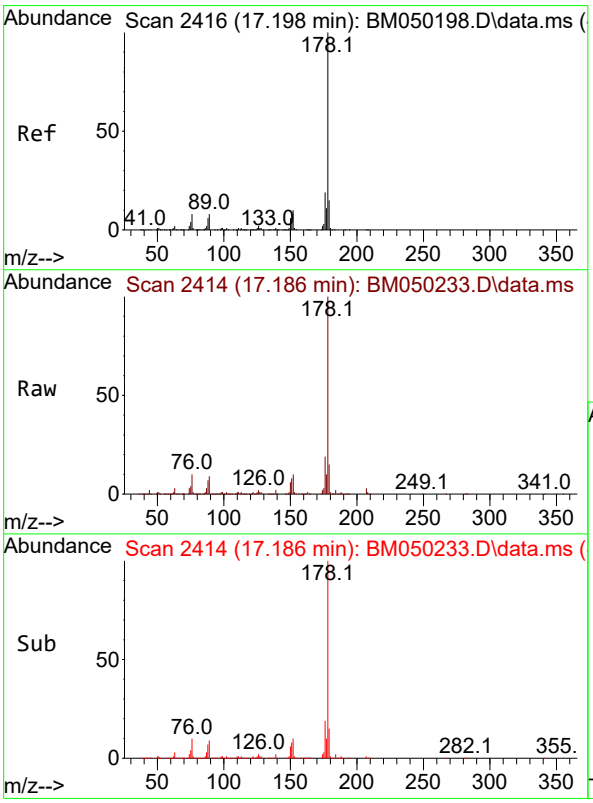
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Instrument :
BNA_M
ClientSampleId :
B-202-SB01

Tgt Ion:188 Resp: 1109436

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.1	12.1
80	11.5	8.6	13.0

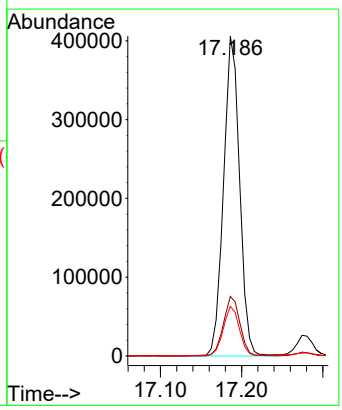


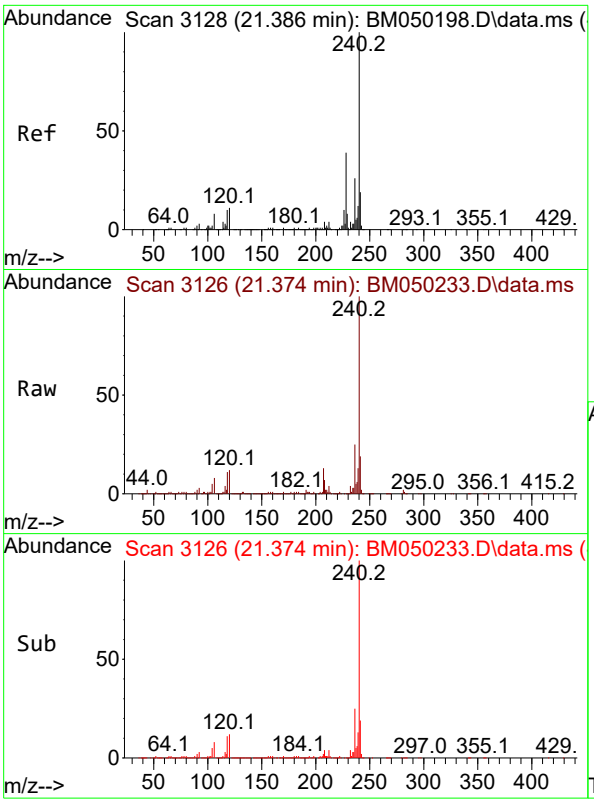


#71
Phenanthrene
Concen: 8.818 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Tgt Ion:178 Resp: 558859

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.6	23.4
179	15.5	12.3	18.5



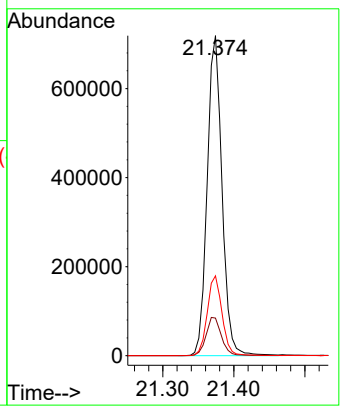


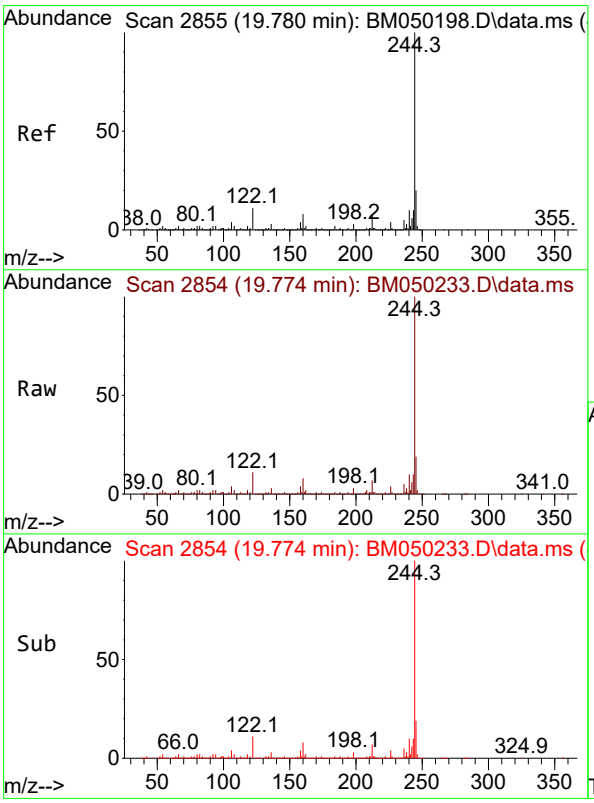
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Instrument :
BNA_M
ClientSampleId :
B-202-SB01

Tgt Ion:240 Resp: 1043232

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.0	13.4
236	25.0	20.7	31.1

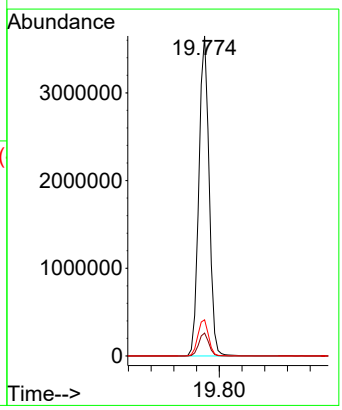


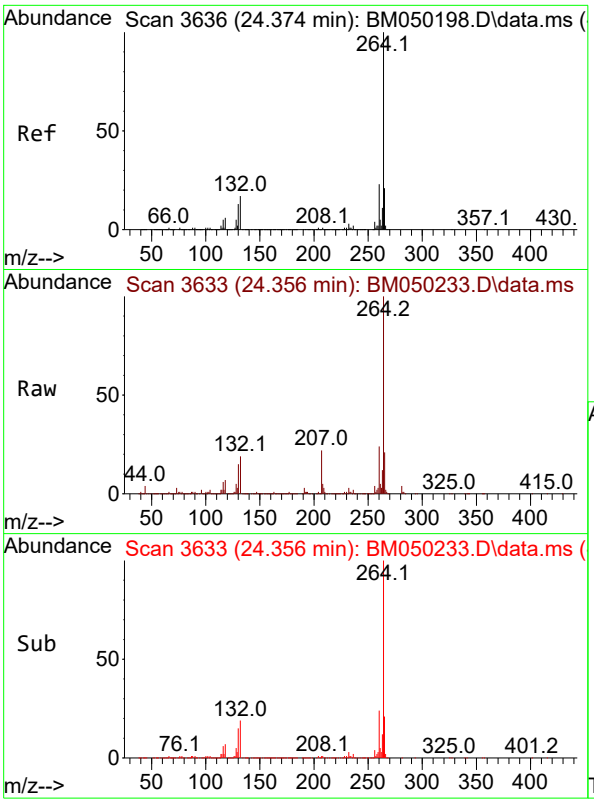


#79
Terphenyl-d14
Concen: 82.998 ng
RT: 19.774 min Scan# 2854
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Tgt Ion:244 Resp: 4569124

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.3	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.356 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Instrument :
BNA_M
ClientSampleId :
B-202-SB01

Tgt Ion:264 Resp: 1124100

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.3	16.8	25.2