Quantitation Report (QT 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
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

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Misc :
ALS Vial : 31 Sample Multiplier: 1

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BNA_M
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Quant Time: Jun 07 05:36:09 2025
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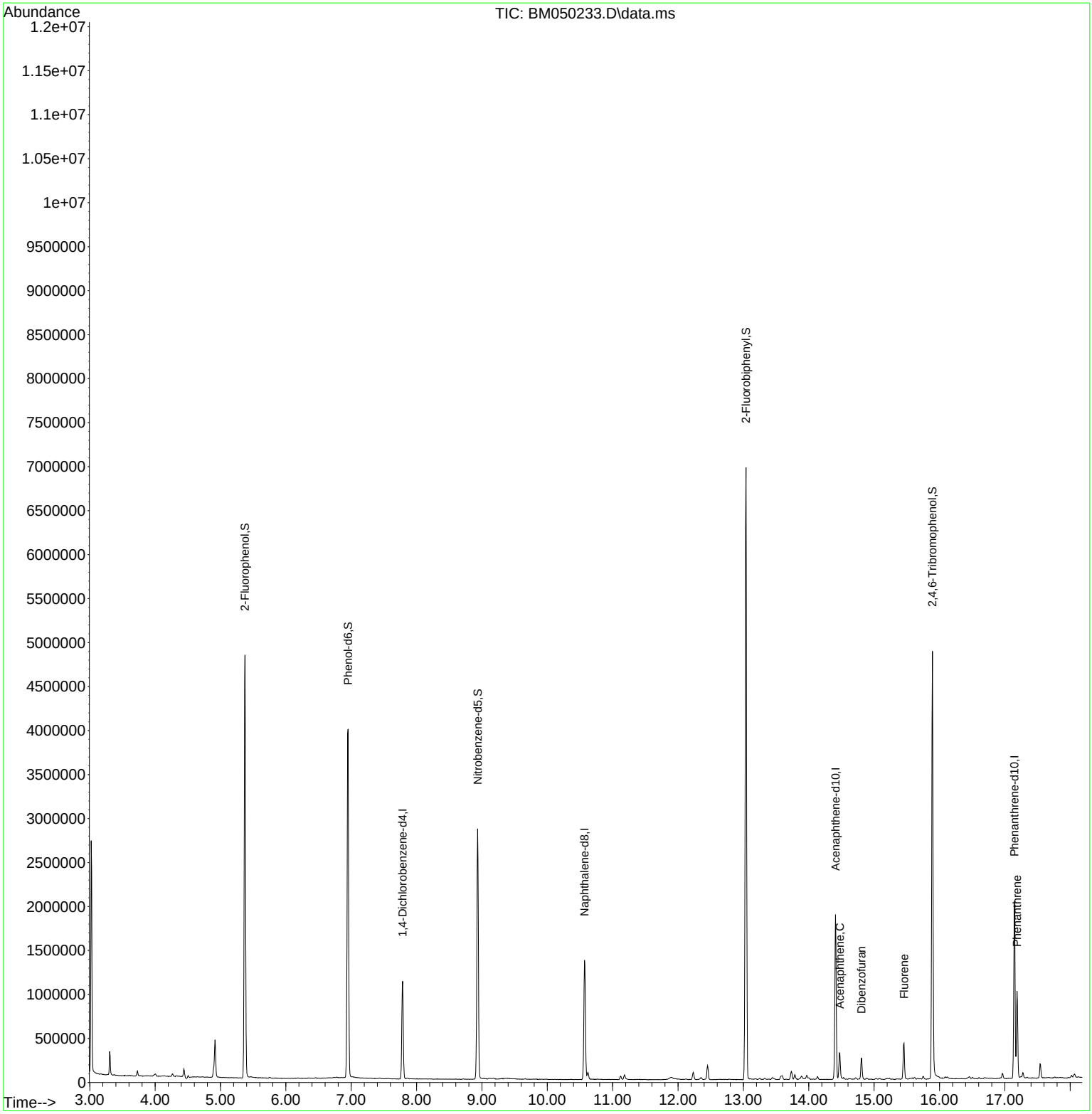
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

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

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Quant Time: Jun 07 05:36:09 2025
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QLast Update : Thu Jun 05 16:20:25 2025
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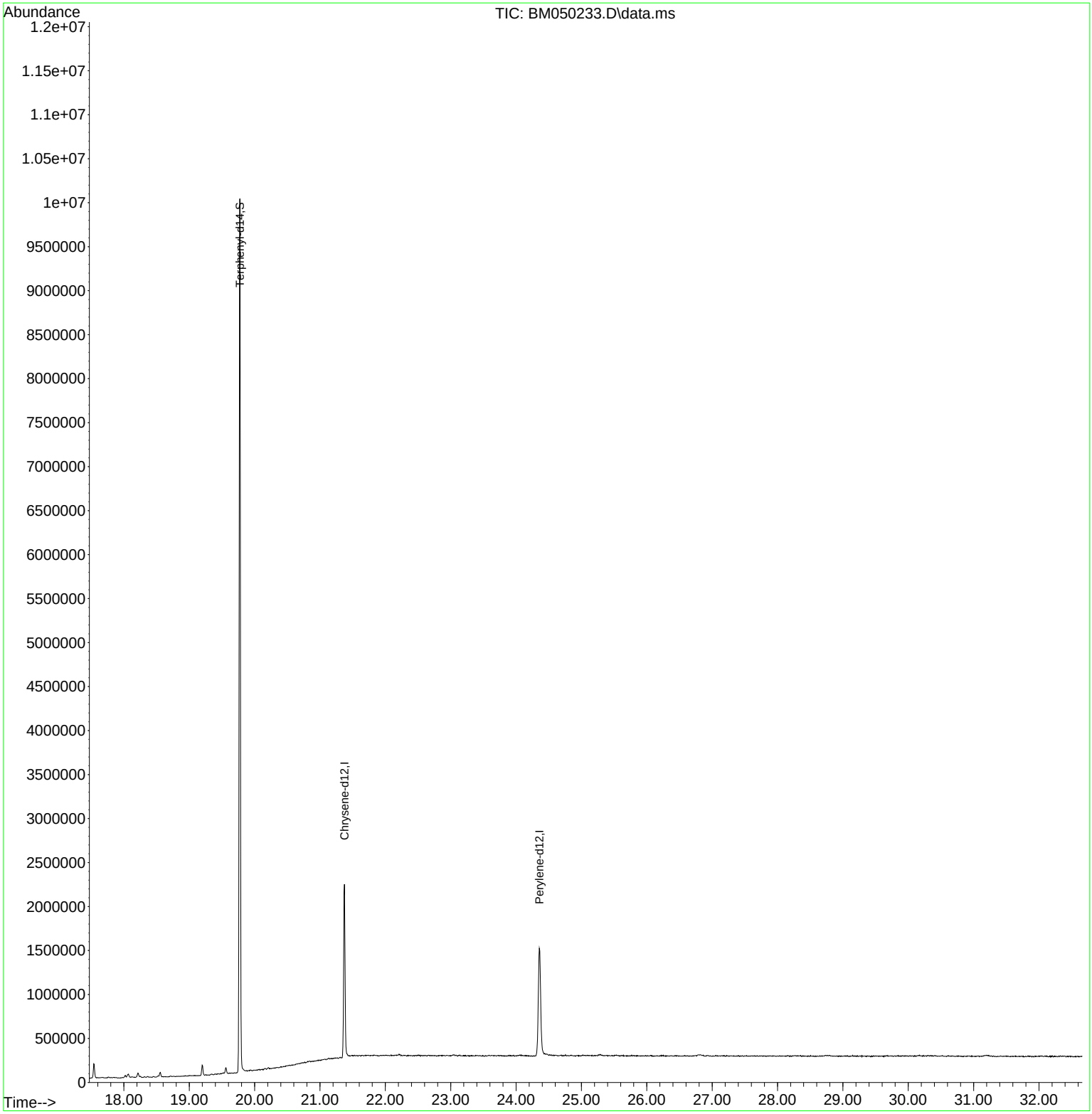
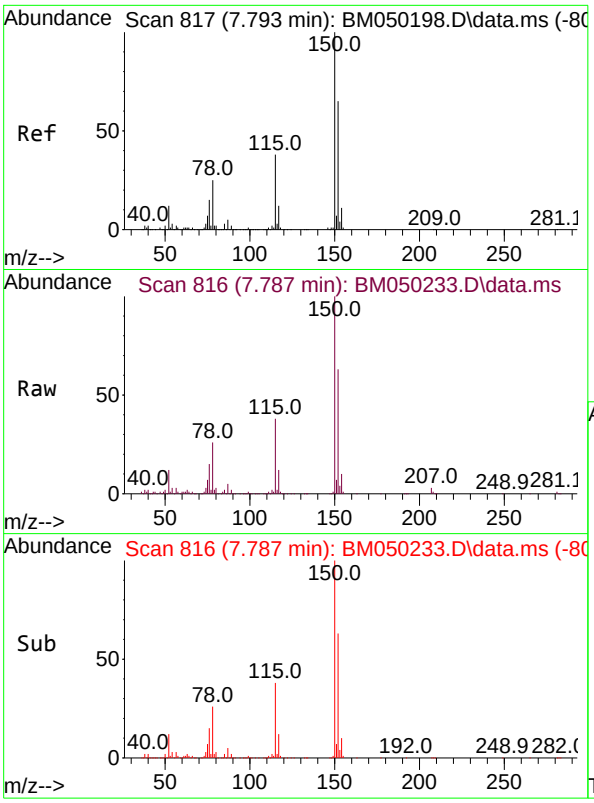


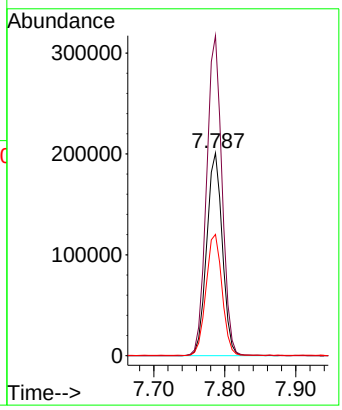


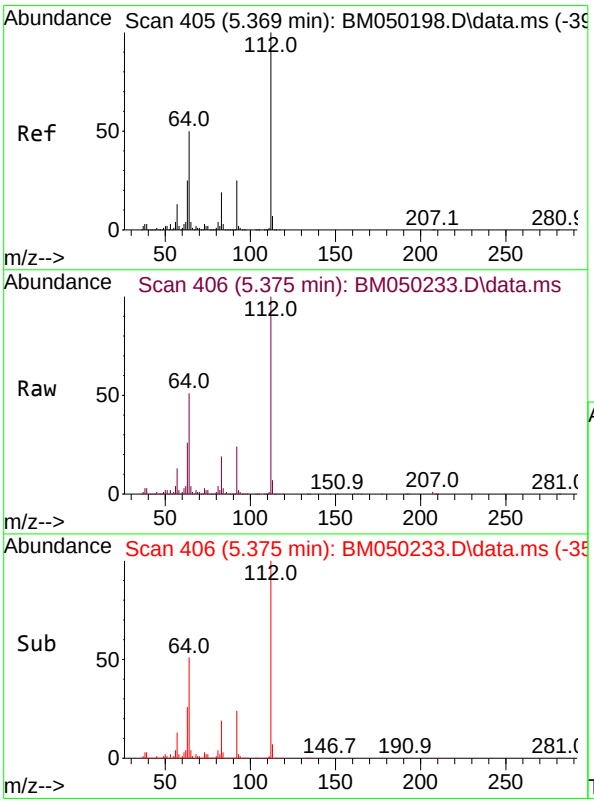
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

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

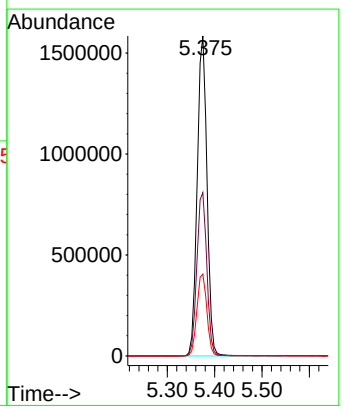


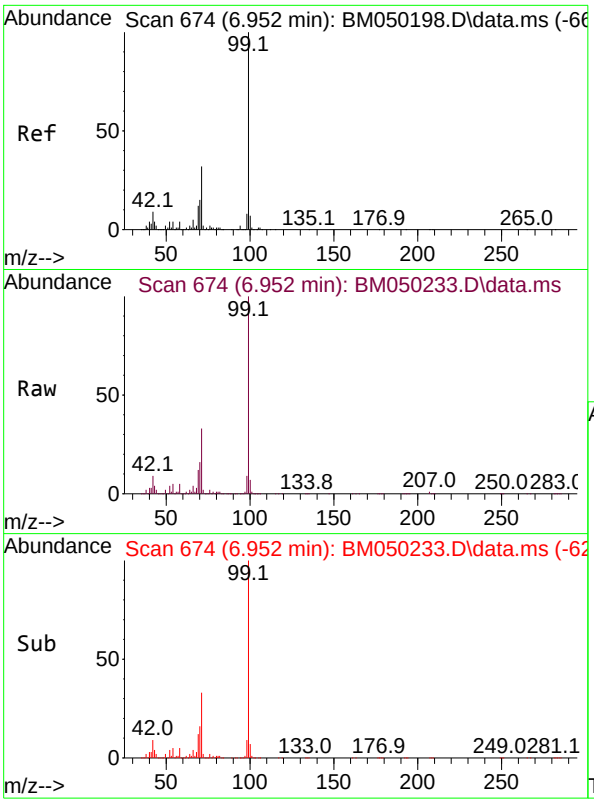


#5
2-Fluorophenol
Concen: 123.866 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

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



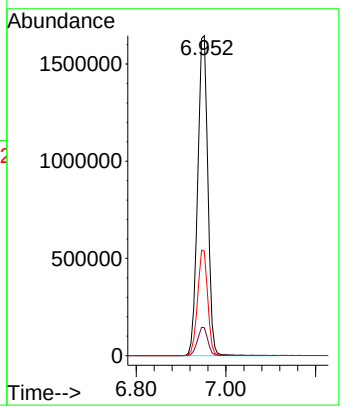


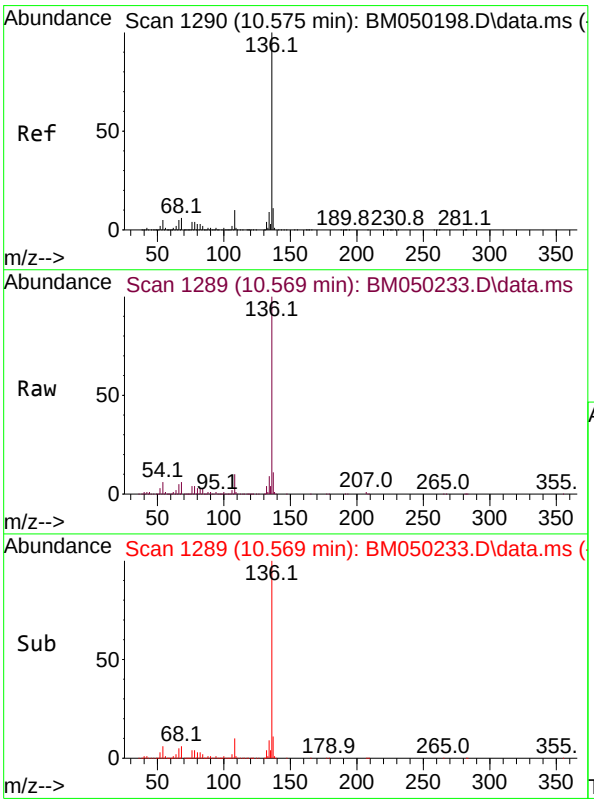
#7
Phenol-d6
Concen: 106.853 ng
RT: 6.952 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

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

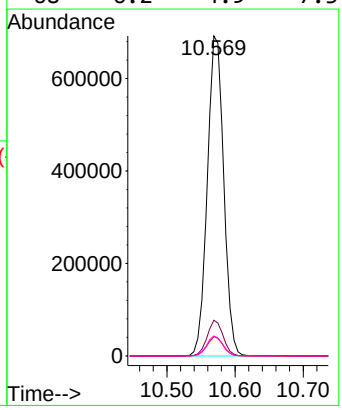


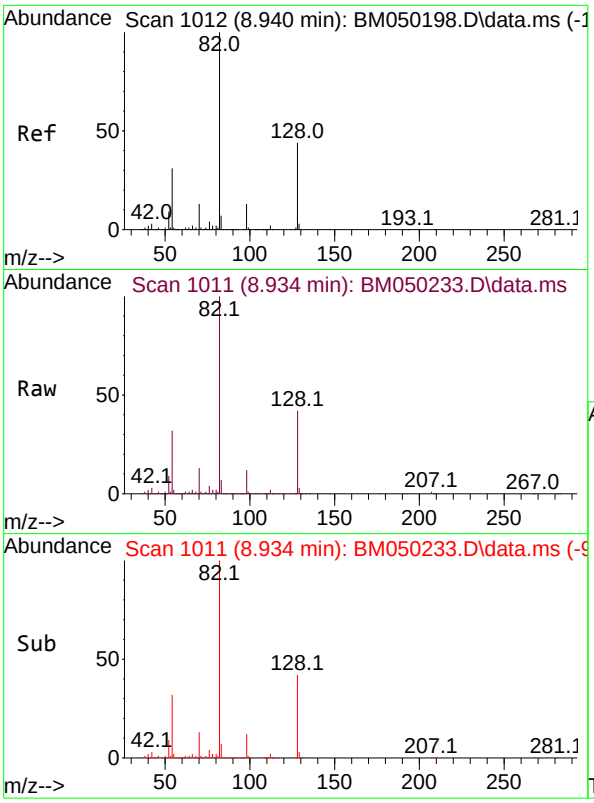


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

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



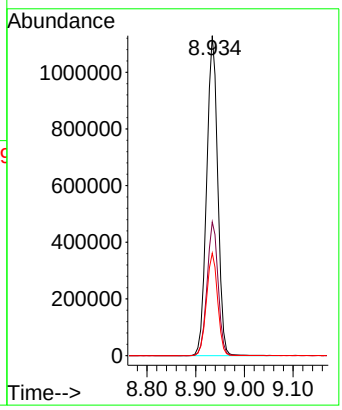


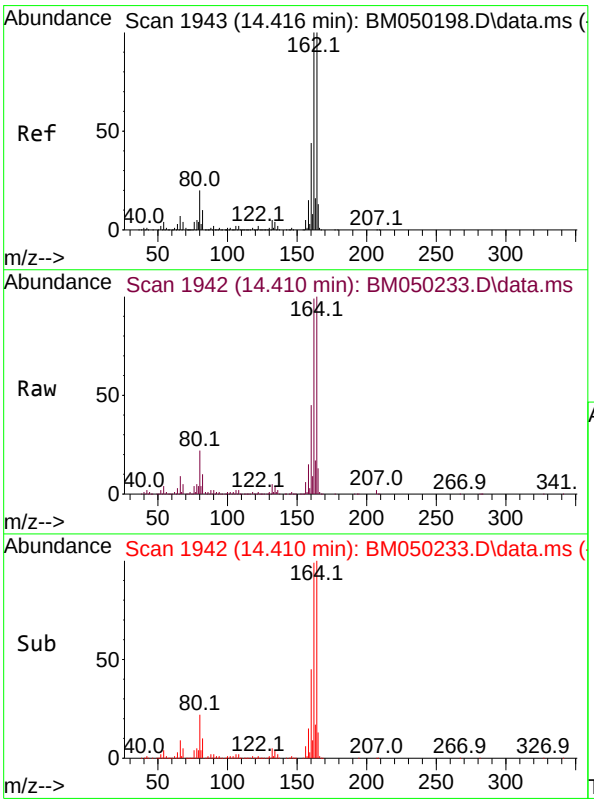
#23
Nitrobenzene-d5
Concen: 80.469 ng
RT: 8.934 min Scan# 10
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

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

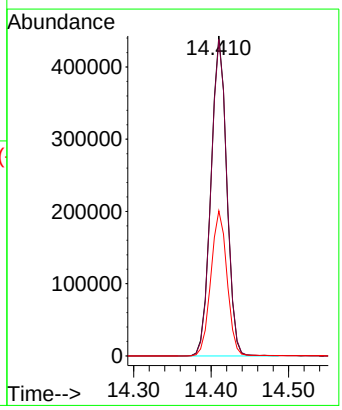


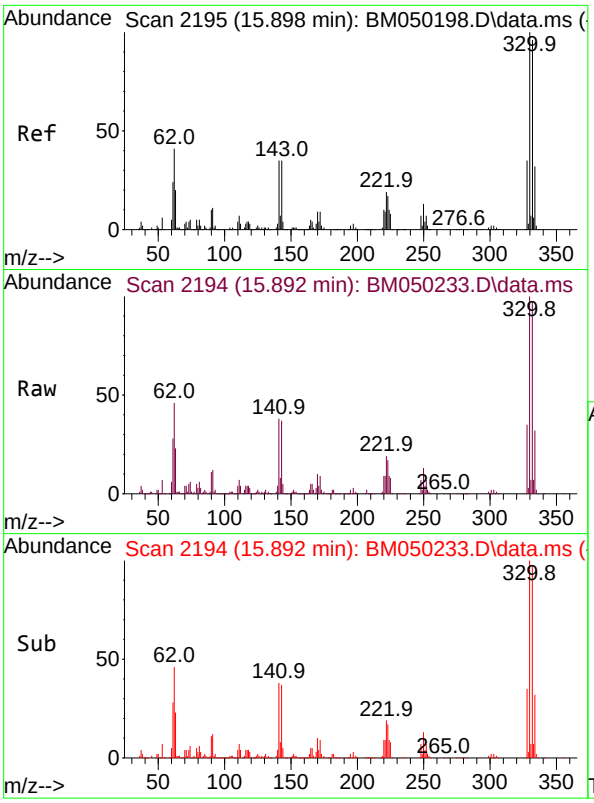


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

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



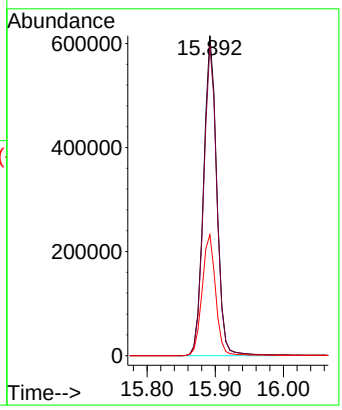


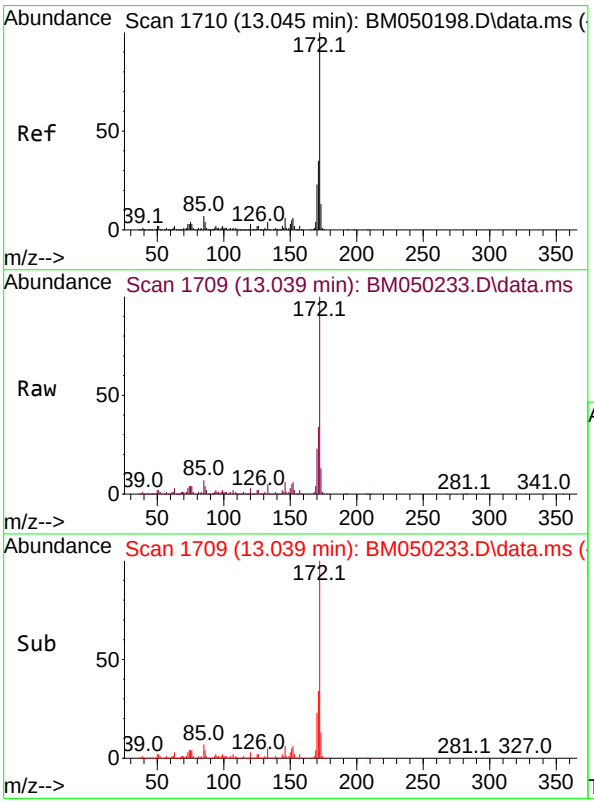
#42
2,4,6-Tribromophenol
Concen: 116.711 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

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

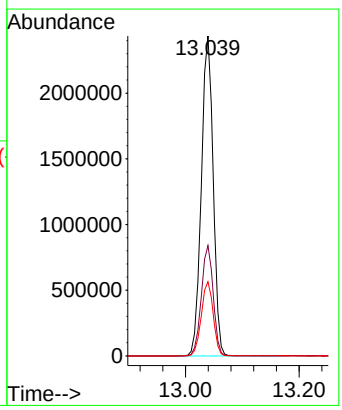


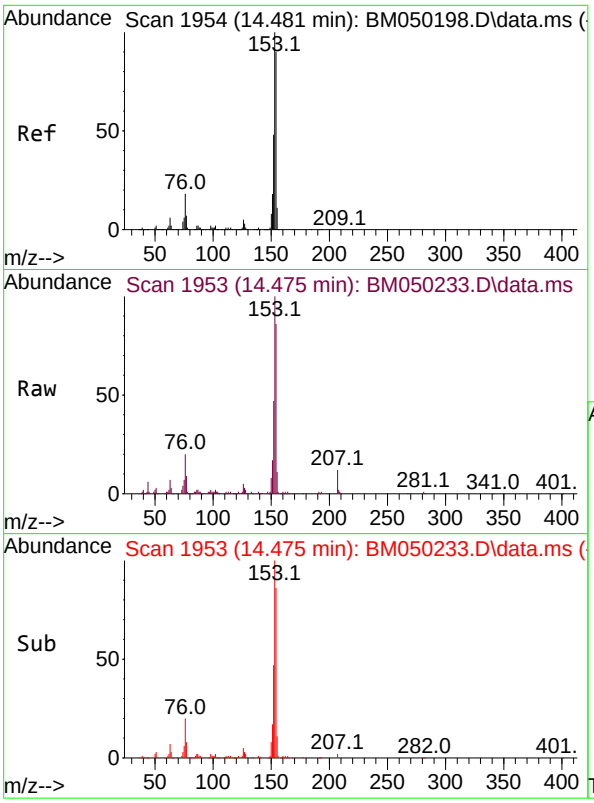


#45
2-Fluorobiphenyl
Concen: 76.357 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

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



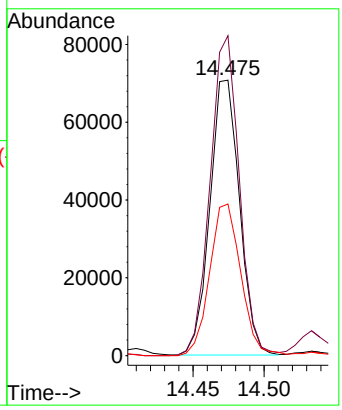


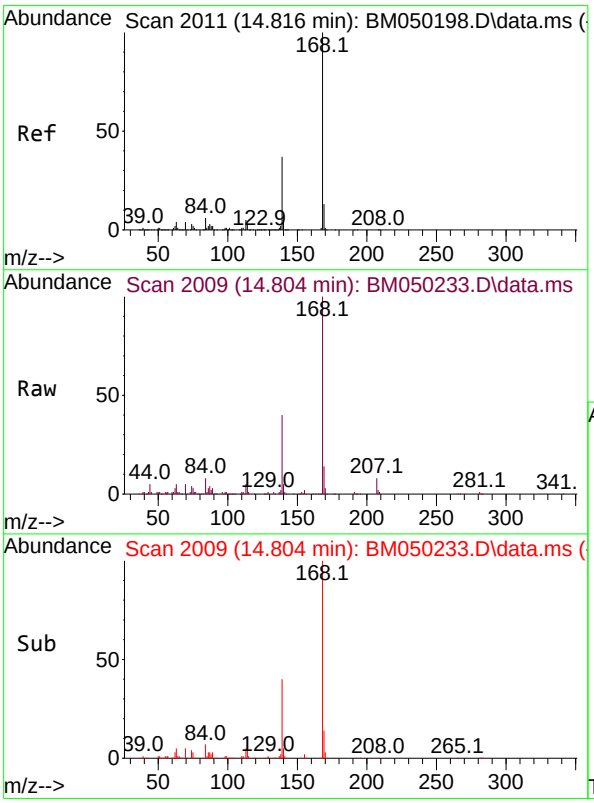
#52
Acenaphthene
Concen: 2.794 ng
RT: 14.475 min Scan# 19
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

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

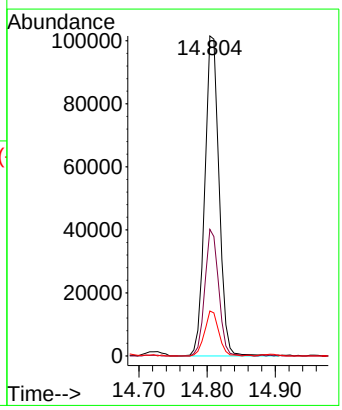


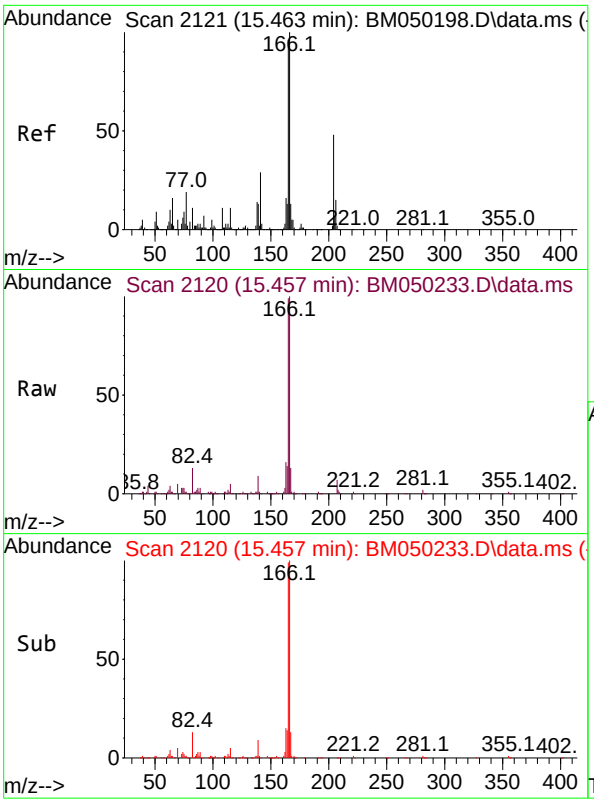


#55
Dibenzofuran
Concen: 2.739 ng
RT: 14.804 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

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



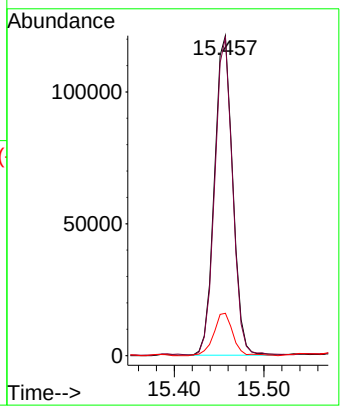


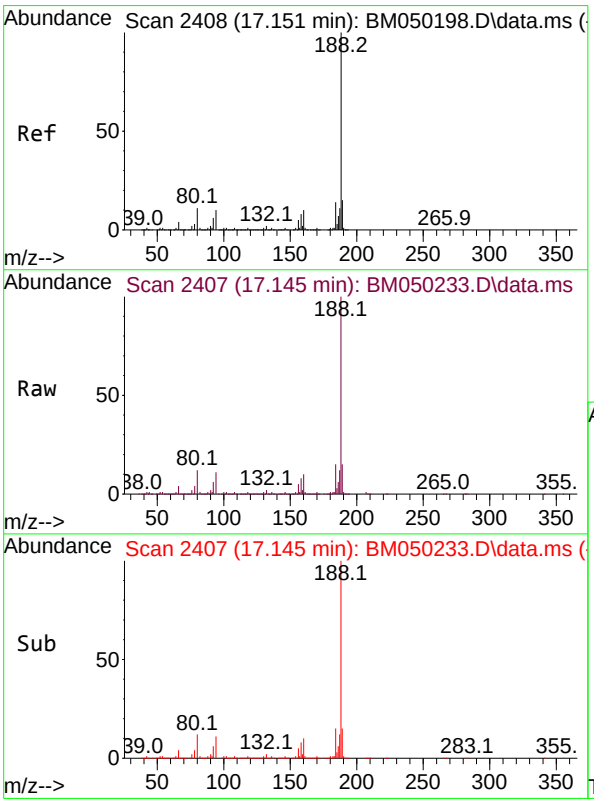
#58
Fluorene
Concen: 4.156 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Instrument :
BNA_M
ClientSampleId :
B-202-SB01

Tgt Ion:166 Resp: 171436

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

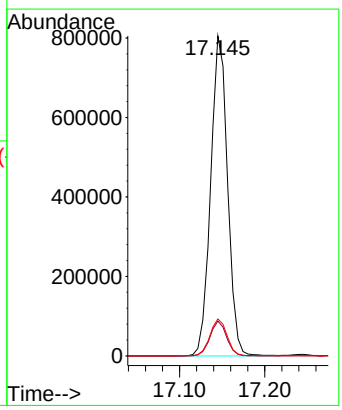


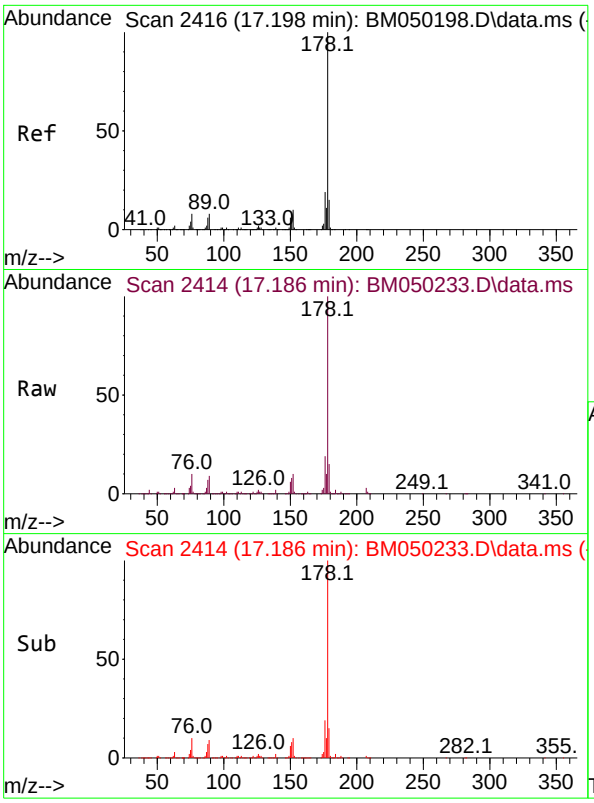


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

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



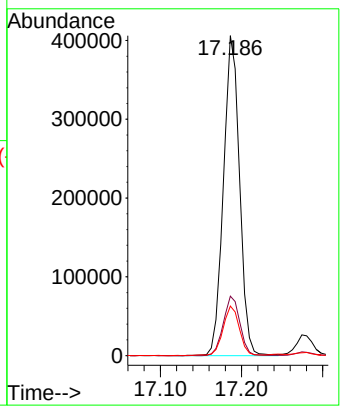


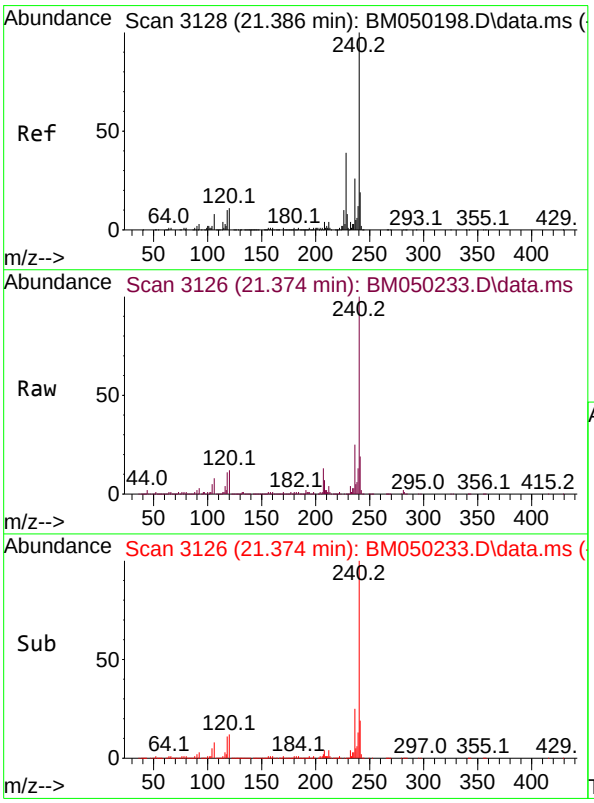
#71
Phenanthrene
Concen: 8.818 ng
RT: 17.186 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Instrument :
BNA_M
ClientSampleId :
B-202-SB01

Tgt Ion:178 Resp: 558859

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

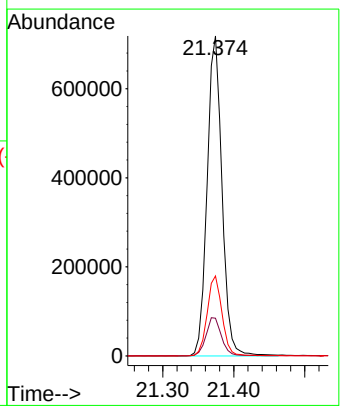


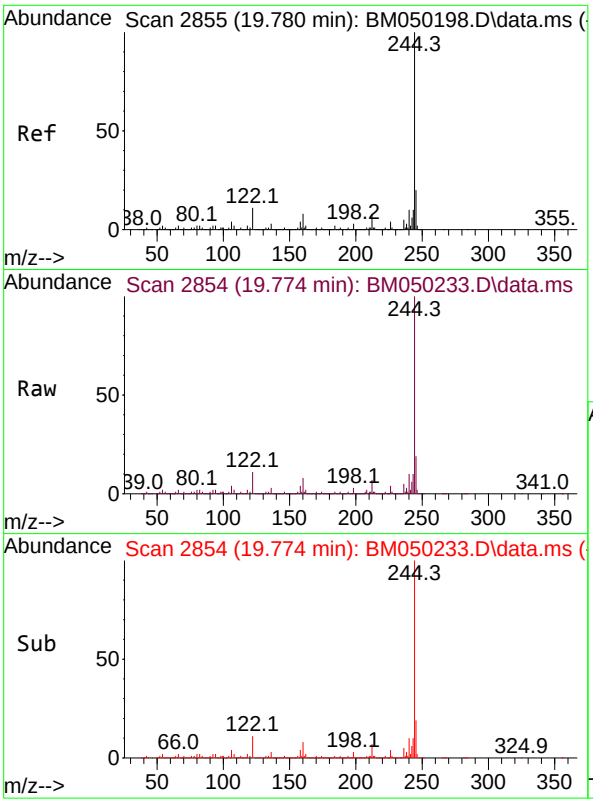


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3126
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

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



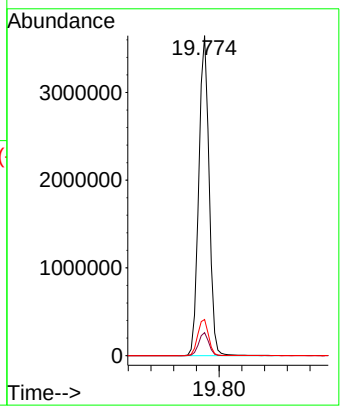


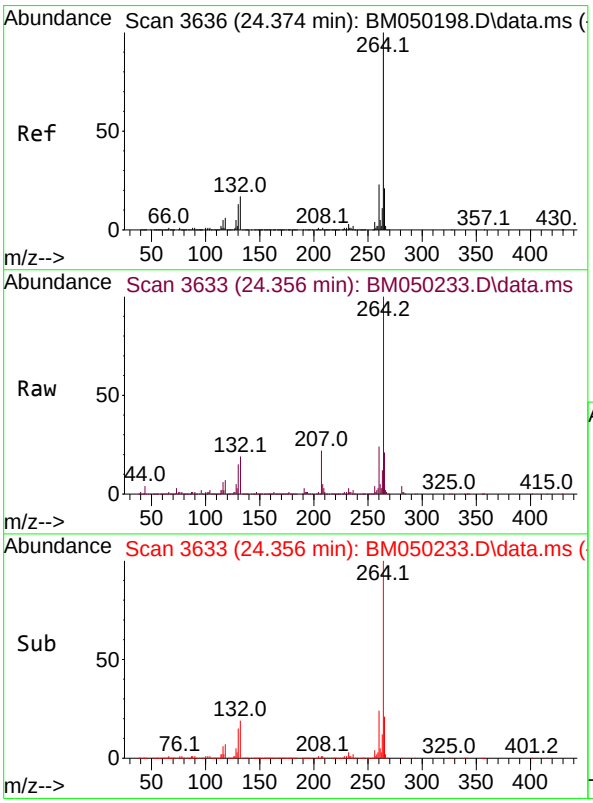
#79
Terphenyl-d14
Concen: 82.998 ng
RT: 19.774 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Instrument :
BNA_M
ClientSampleId :
B-202-SB01

Tgt Ion: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# 3633
Delta R.T. -0.018 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

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