Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050085.D
Acq On : 02 May 2025 14:39
Operator : RC/JU
Sample : Q1914-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-9

Quant Time: May 02 15:21:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.745	152	435857	20.000	ng		-0.02
21) Naphthalene-d8	10.539	136	1641911	20.000	ng		-0.02
39) Acenaphthene-d10	14.392	164	1196818	20.000	ng		-0.02
64) Phenanthrene-d10	17.145	188	2545994	20.000	ng		-0.01
76) Chrysene-d12	21.386	240	2196376	20.000	ng		-0.01
86) Perylene-d12	24.374	264	1687114	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	1501389	60.319	ng		-0.02
7) Phenol-d6	6.934	99	2000574	63.948	ng		-0.02
23) Nitrobenzene-d5	8.904	82	1190622	35.733	ng		-0.02
42) 2,4,6-Tribromophenol	15.892	330	1282187	72.454	ng		-0.01
45) 2-Fluorobiphenyl	13.010	172	3523544	34.828	ng		-0.02
79) Terphenyl-d14	19.768	244	5966026	40.194	ng		-0.01
Target Compounds							Qvalue
56) 4-Nitrophenol	14.651	139	740	4.583	ng	#	1
63) Azobenzene	15.757	77	167910	2.431	ng	#	1
71) Phenanthrene	17.186	178	288683	2.010	ng		100
75) Fluoranthene	19.203	202	736705	4.370	ng		100
78) Pyrene	19.568	202	692886	4.492	ng		99
81) Benzo(a)anthracene	21.368	228	333508	2.205	ng		98
83) Chrysene	21.427	228	286319	2.045	ng		98
84) Bis(2-ethylhexyl)phtha...	21.286	149	432537	5.013	ng		99
88) Benzo(b)fluoranthene	23.432	252	307417	2.802	ng	#	97
89) Benzo(k)fluoranthene	23.432	252	307417	2.770	ng	#	96
90) Benzo(a)pyrene	24.232	252	217336	2.115	ng		97

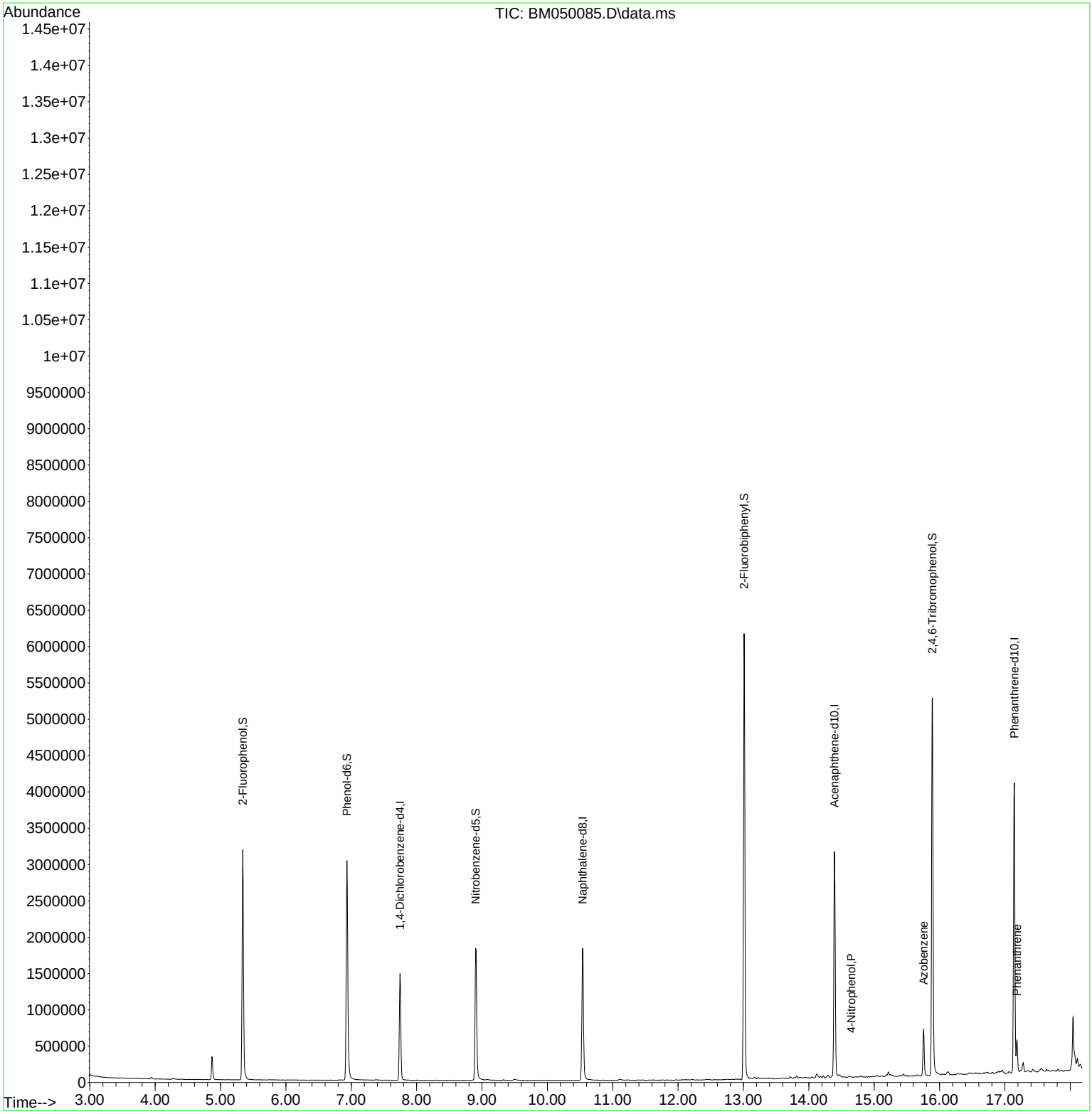
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050085.D
Acq On : 02 May 2025 14:39
Operator : RC/JU
Sample : Q1914-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-9

Quant Time: May 02 15:21:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050085.D
Acq On : 02 May 2025 14:39
Operator : RC/JU
Sample : Q1914-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Quant Time: May 02 15:21:10 2025
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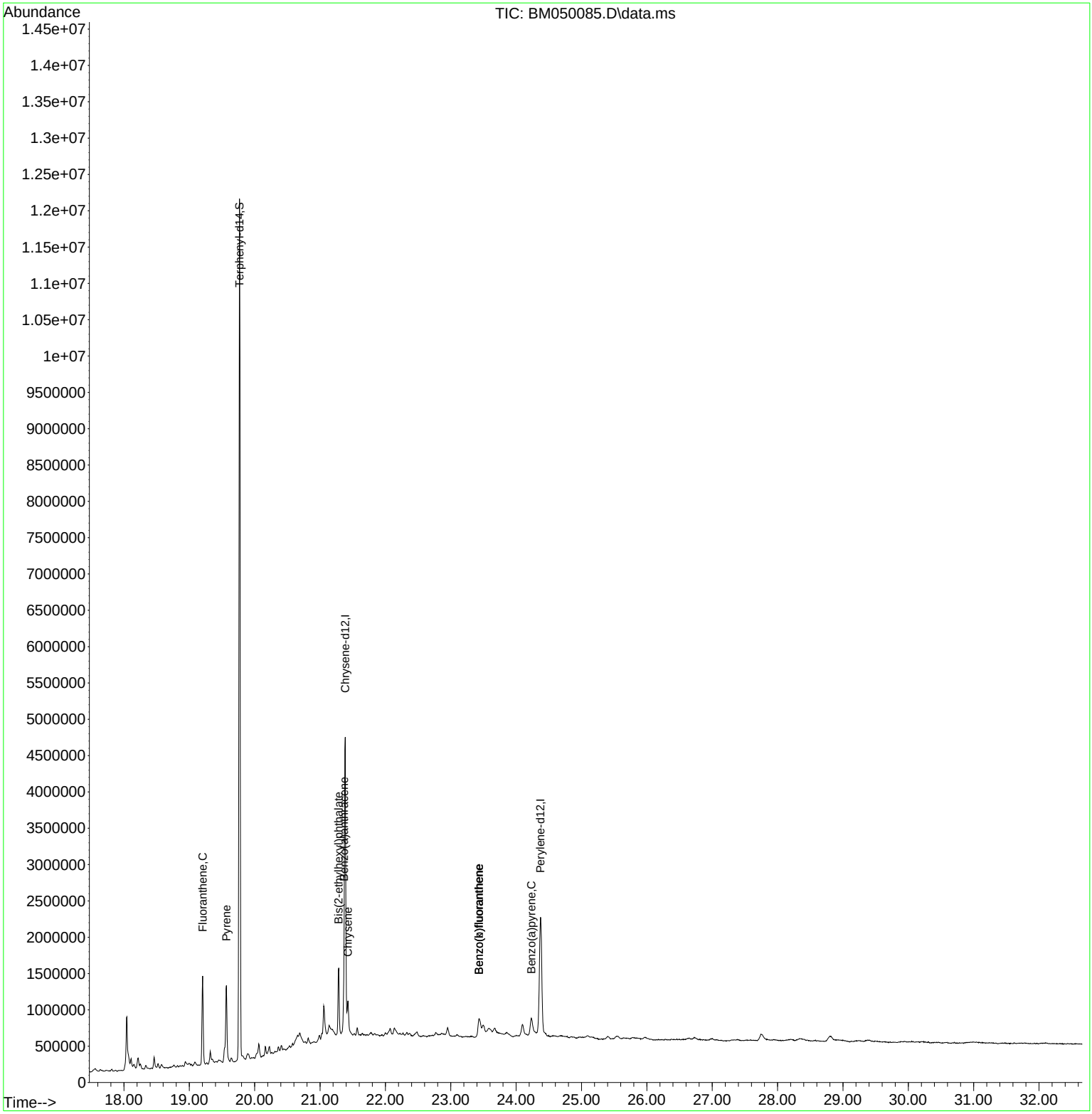
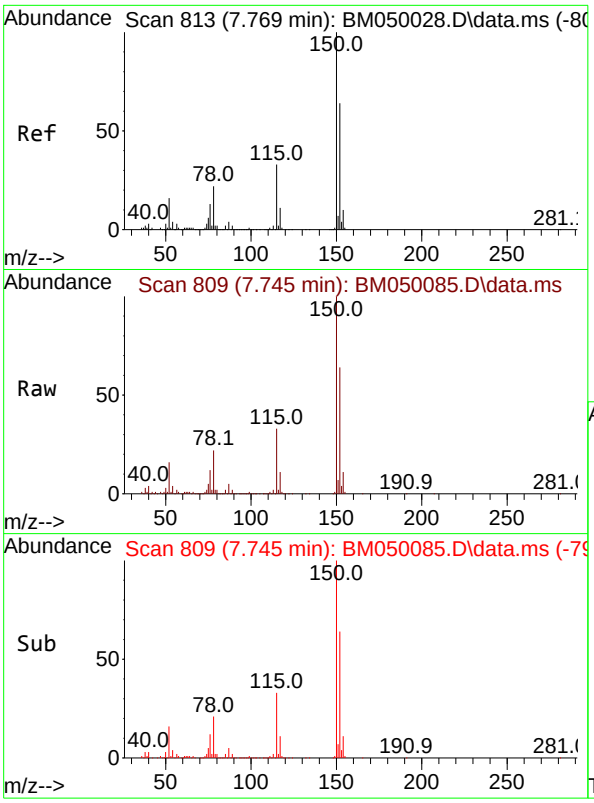
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



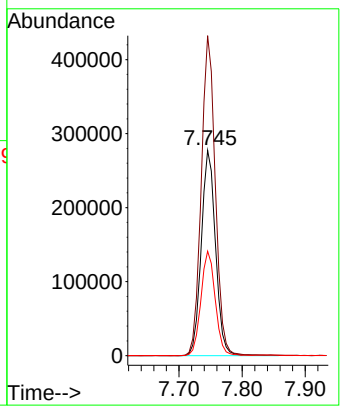


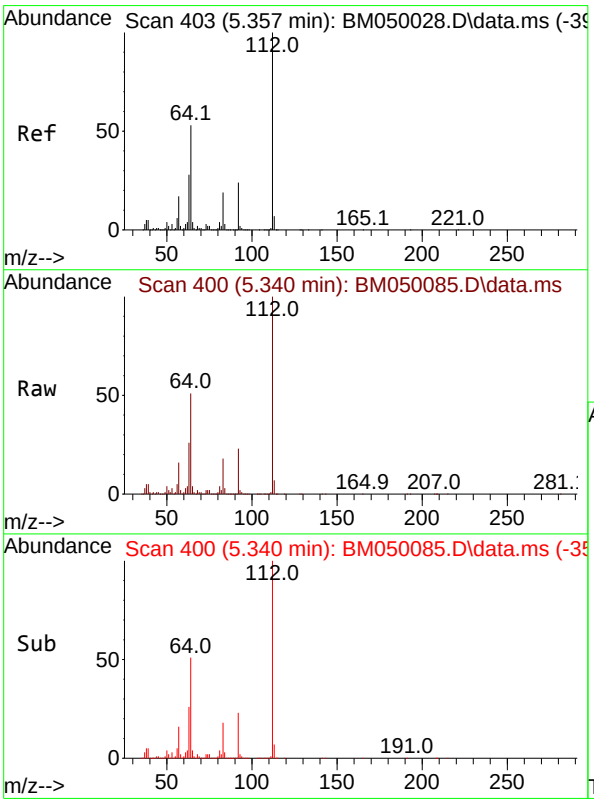
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050085.D
Acq: 02 May 2025 14:39

Instrument :
BNA_M
ClientSampleId :
SS-9

Tgt Ion:152 Resp: 435857

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.1	186.1
115	50.9	41.2	61.8

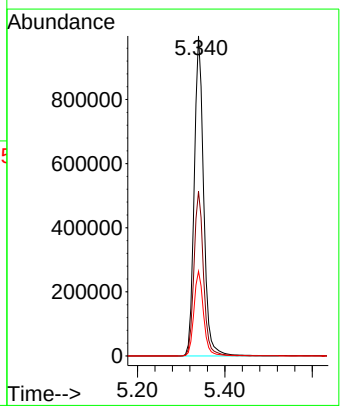


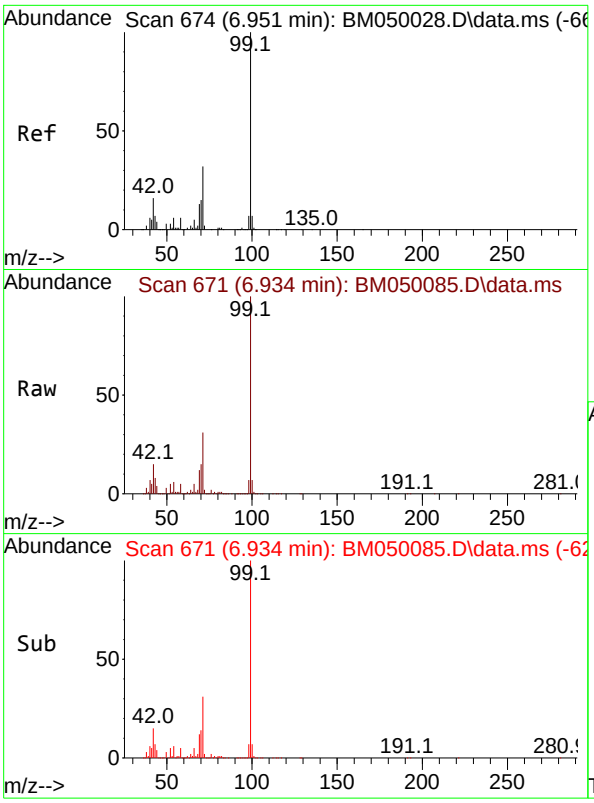


#5
2-Fluorophenol
Concen: 60.319 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050085.D
Acq: 02 May 2025 14:39

Tgt Ion:112 Resp: 1501389

Ion	Ratio	Lower	Upper
112	100		
64	51.4	42.6	64.0
63	26.4	22.2	33.4



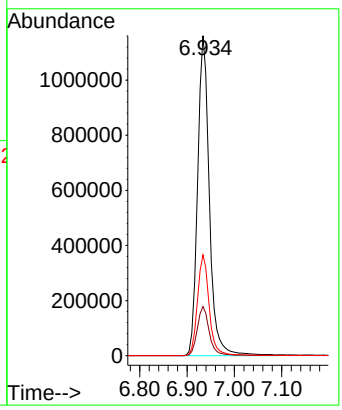


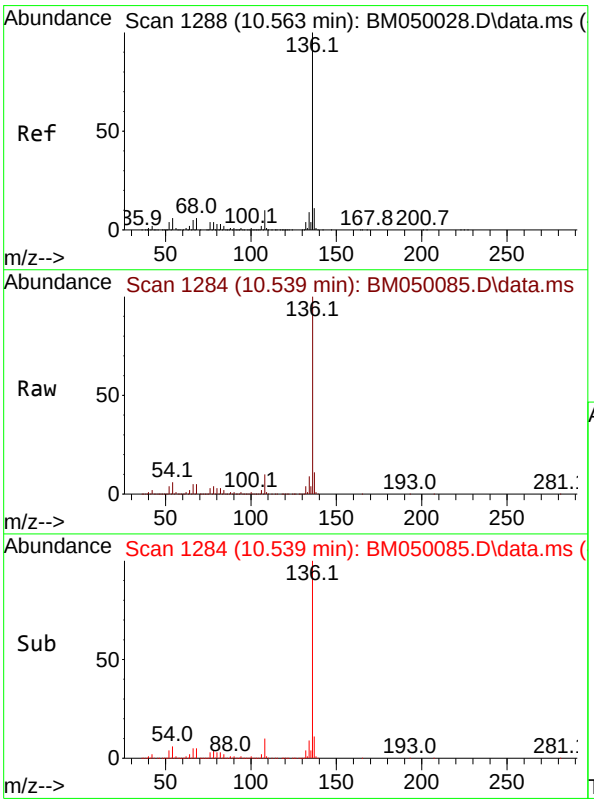
#7
Phenol-d6
Concen: 63.948 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050085.D
Acq: 02 May 2025 14:39

Instrument :
BNA_M
ClientSampleId :
SS-9

Tgt Ion: 99 Resp: 2000574

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.0	19.4
71	31.5	25.6	38.4

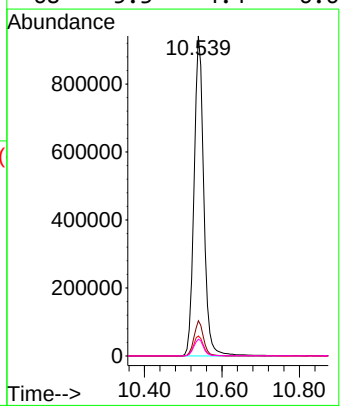


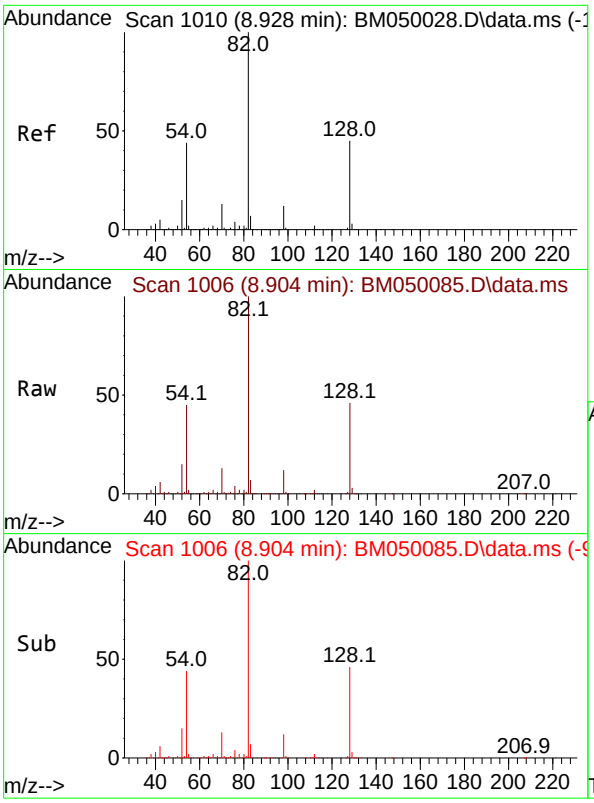


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050085.D
Acq: 02 May 2025 14:39

Tgt Ion:136 Resp: 1641911

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.3	5.1	7.7
68	5.3	4.4	6.6



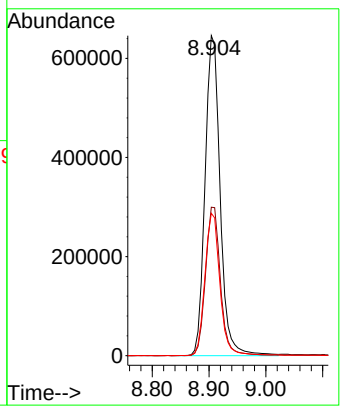


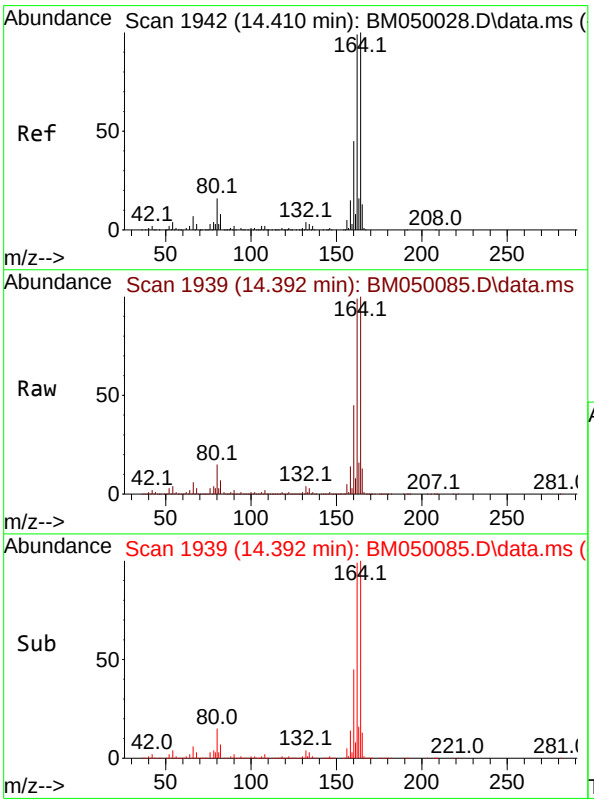
#23
Nitrobenzene-d5
Concen: 35.733 ng
RT: 8.904 min Scan# 1(
Delta R.T. -0.024 min
Lab File: BM050085.D
Acq: 02 May 2025 14:39

Instrument :
BNA_M
ClientSampleId :
SS-9

Tgt Ion: 82 Resp: 1190622

Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.7	53.5
54	44.5	35.4	53.2

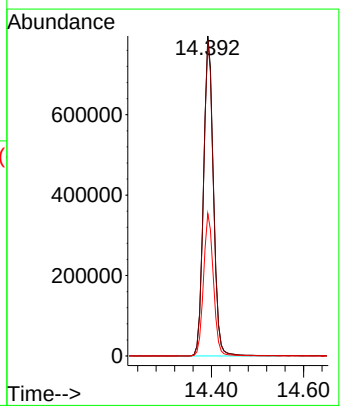


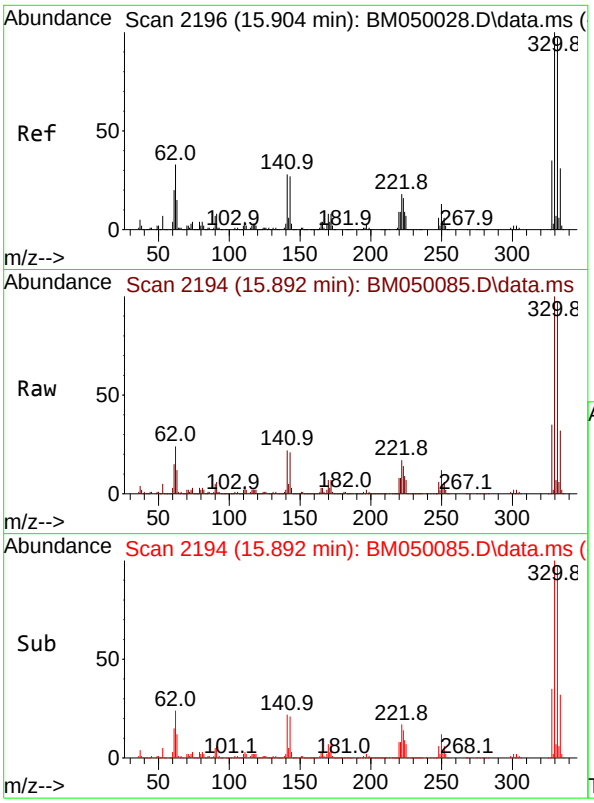


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050085.D
Acq: 02 May 2025 14:39

Tgt Ion:164 Resp: 1196818

Ion	Ratio	Lower	Upper
164	100		
162	98.5	79.4	119.0
160	44.5	36.2	54.4



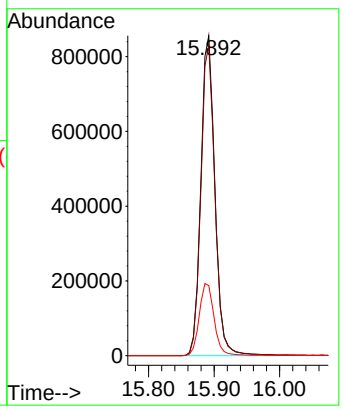


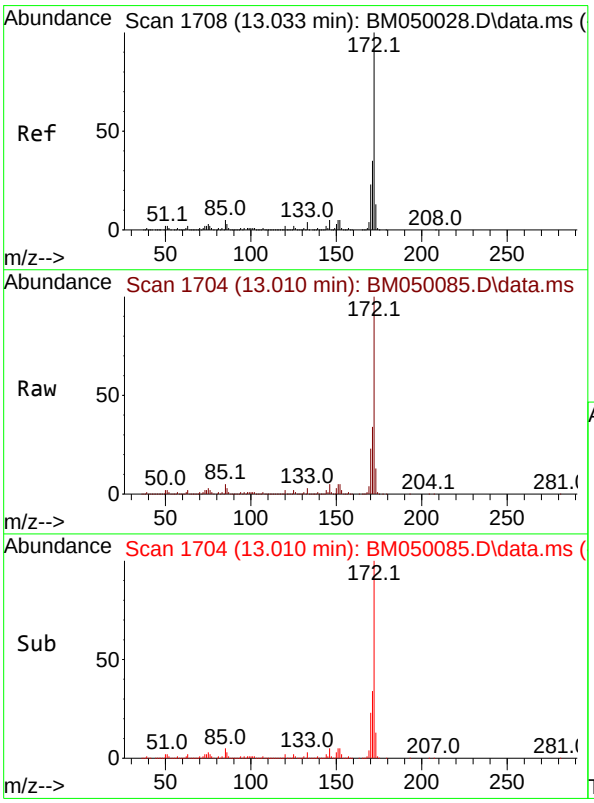
#42
2,4,6-Tribromophenol
Concen: 72.454 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050085.D
Acq: 02 May 2025 14:39

Instrument :
BNA_M
ClientSampleId :
SS-9

Tgt Ion:330 Resp: 1282187

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	24.0	22.5	33.7

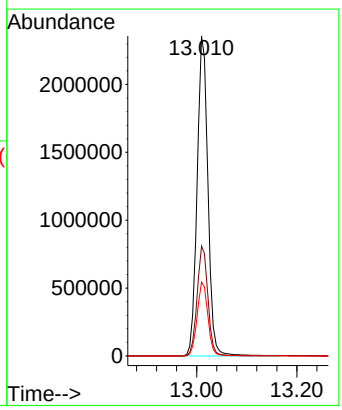


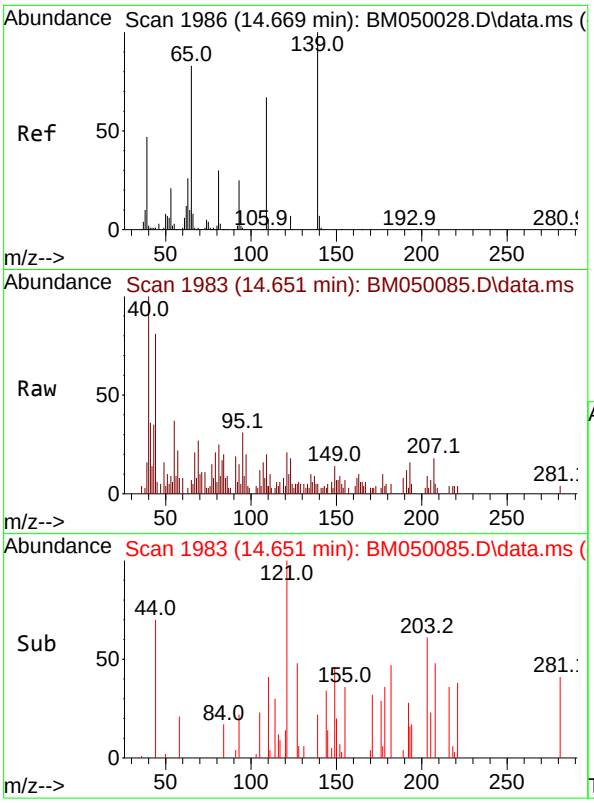


#45
2-Fluorobiphenyl
Concen: 34.828 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050085.D
Acq: 02 May 2025 14:39

Tgt Ion:172 Resp: 3523544

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	23.1	18.6	28.0



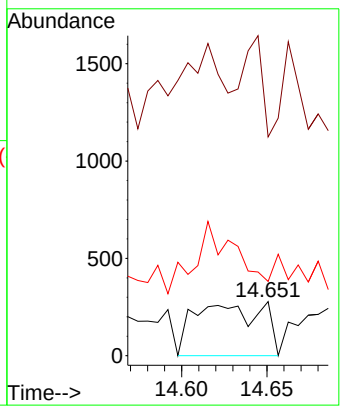


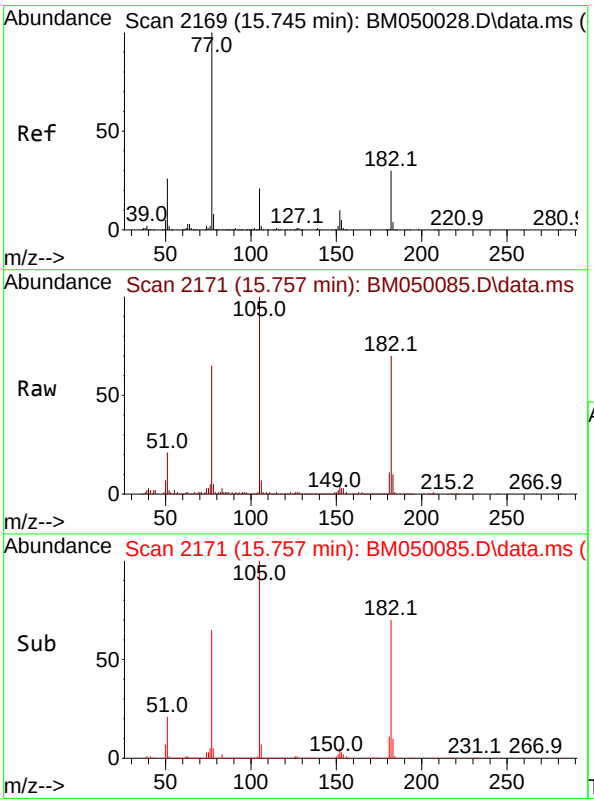
#56
4-Nitrophenol
Concen: 4.583 ng
RT: 14.651 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050085.D
Acq: 02 May 2025 14:39

Instrument :
BNA_M
ClientSampleId :
SS-9

Tgt Ion:139 Resp: 740

Ion	Ratio	Lower	Upper
139	100		
109	404.3	47.0	87.0#
65	137.4	64.3	104.3#

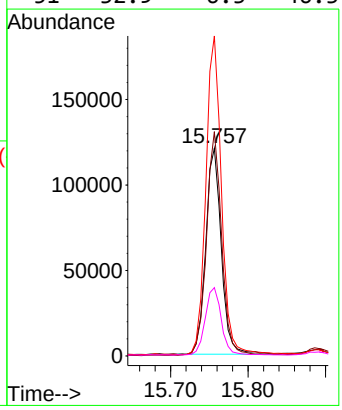


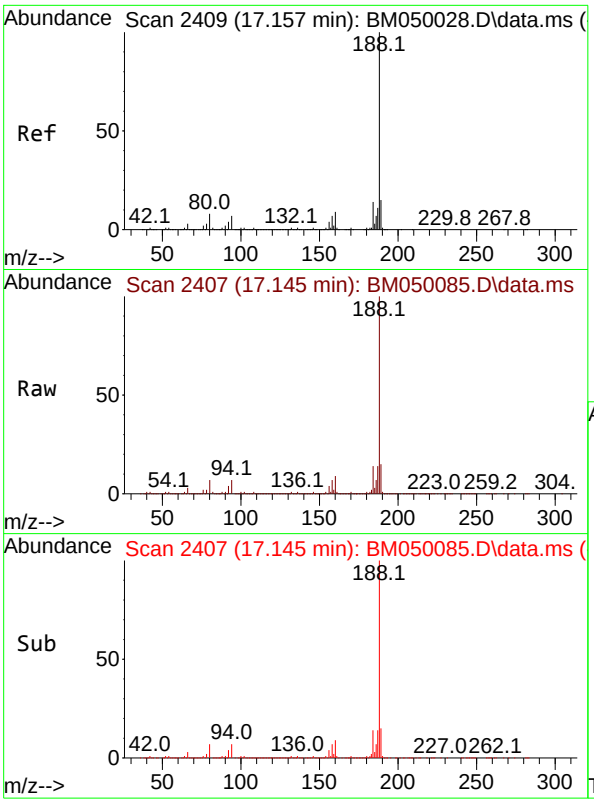


#63
Azobenzene
Concen: 2.431 ng
RT: 15.757 min Scan# 2171
Delta R.T. 0.012 min
Lab File: BM050085.D
Acq: 02 May 2025 14:39

Tgt Ion: 77 Resp: 167910

Ion	Ratio	Lower	Upper
77	100		
182	108.0	10.5	50.5#
105	154.0	1.1	41.1#
51	32.9	6.3	46.3



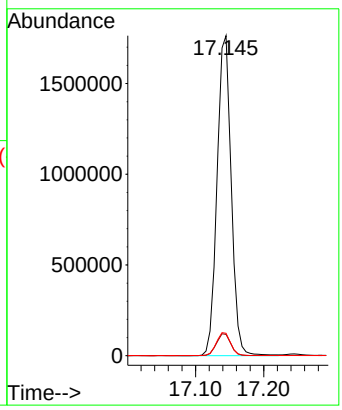


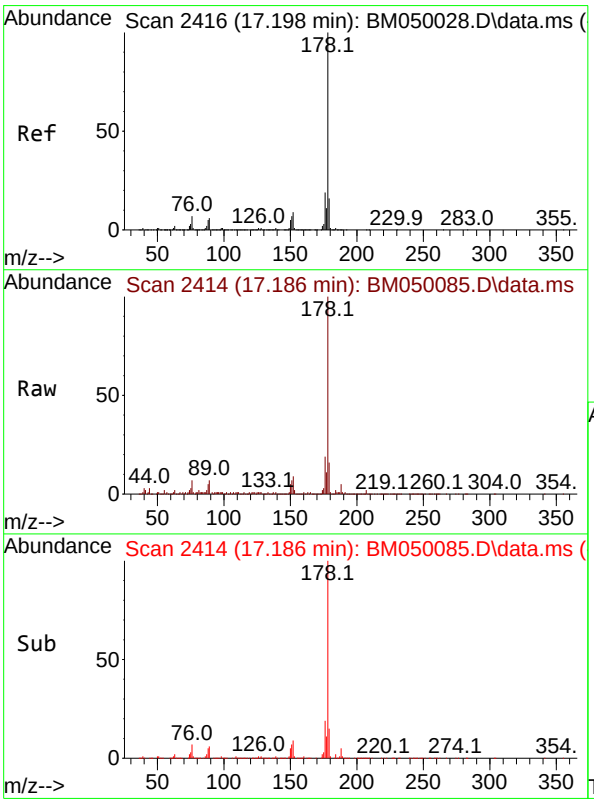
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050085.D
Acq: 02 May 2025 14:39

Instrument :
BNA_M
ClientSampleId :
SS-9

Tgt Ion:188 Resp: 2545994

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.7	8.5
80	7.0	6.2	9.4

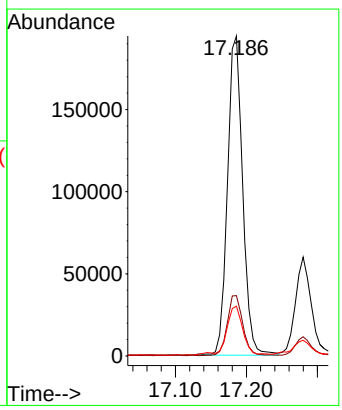


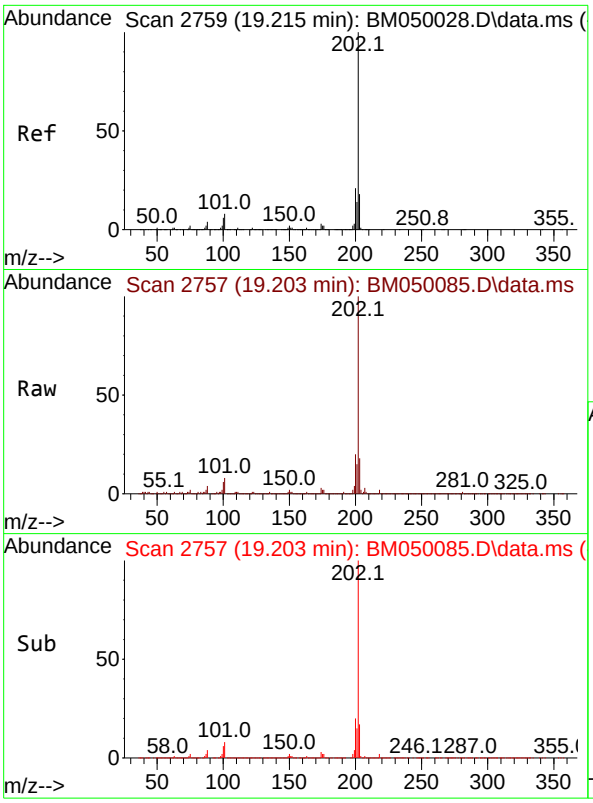


#71
Phenanthrene
Concen: 2.010 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BM050085.D
Acq: 02 May 2025 14:39

Tgt Ion:178 Resp: 288683

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.6	12.4	18.6



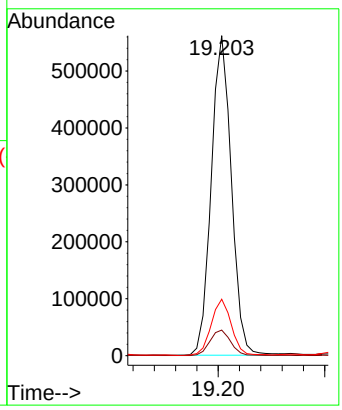


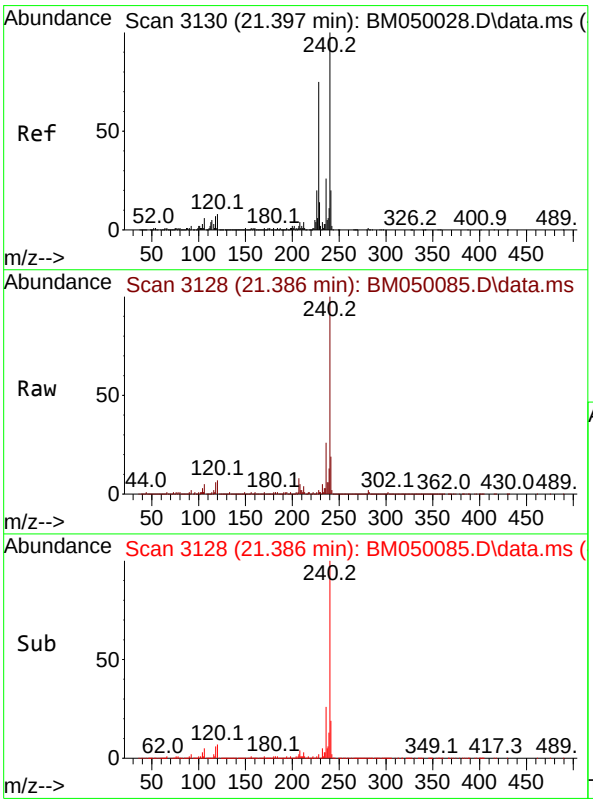
#75
Fluoranthene
Concen: 4.370 ng
RT: 19.203 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050085.D
Acq: 02 May 2025 14:39

Instrument :
BNA_M
ClientSampleId :
SS-9

Tgt Ion:202 Resp: 736705

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.0
203	17.6	0.0	37.7

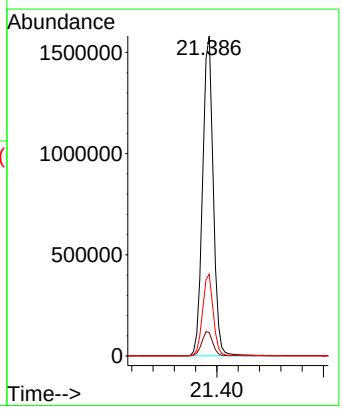


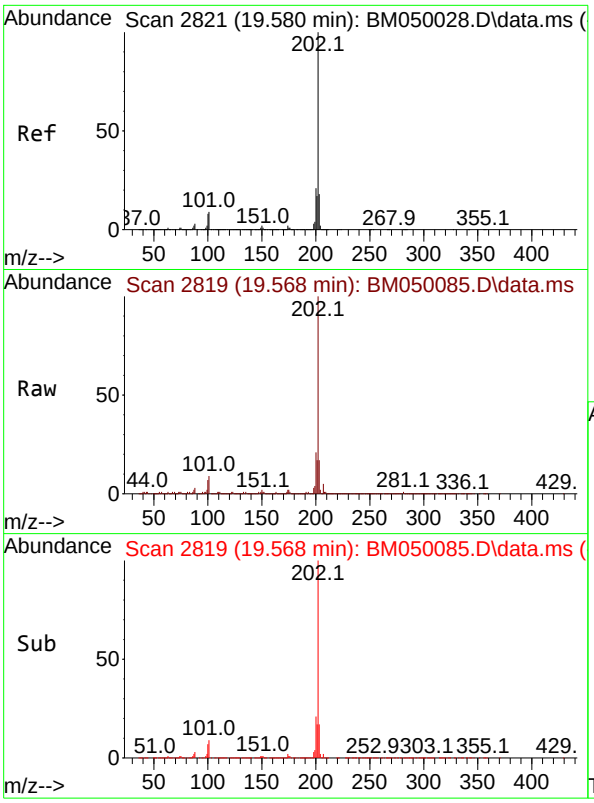


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050085.D
Acq: 02 May 2025 14:39

Tgt Ion:240 Resp: 2196376

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.5	9.7
236	25.6	20.9	31.3



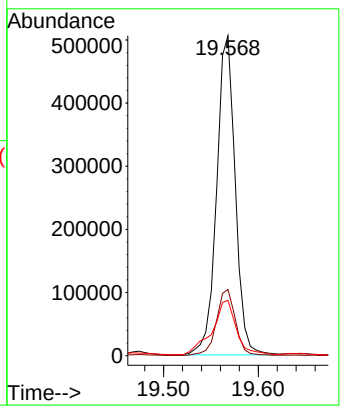


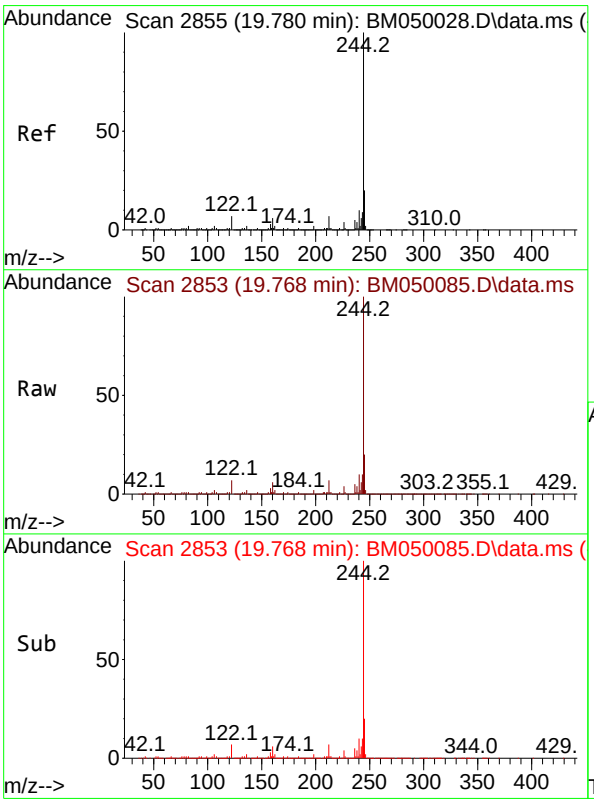
#78
Pyrene
Concen: 4.492 ng
RT: 19.568 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050085.D
Acq: 02 May 2025 14:39

Instrument :
BNA_M
ClientSampleId :
SS-9

Tgt Ion:202 Resp: 692886

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.3	14.1	21.1

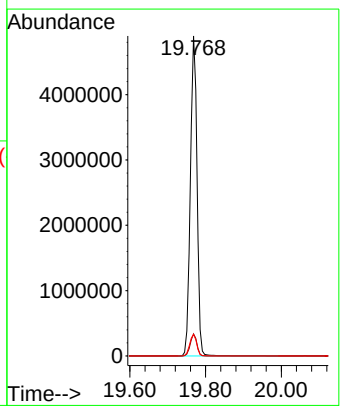


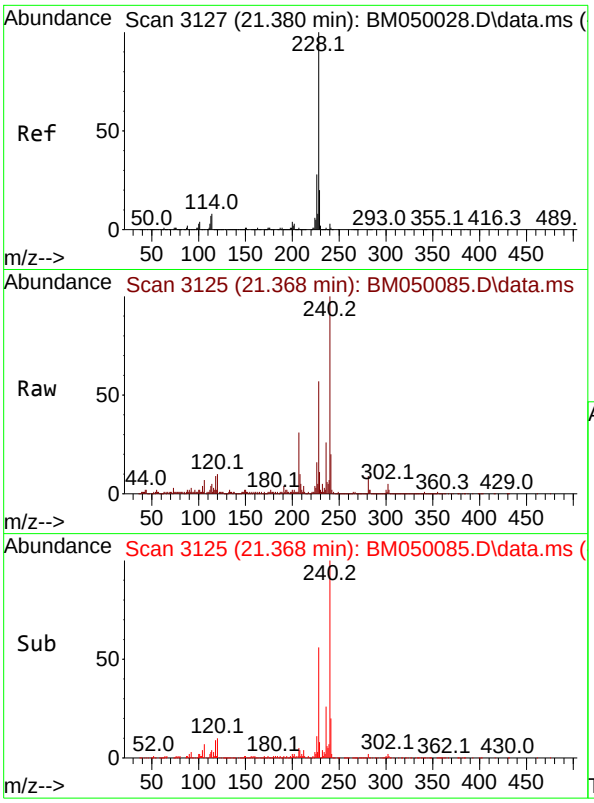


#79
Terphenyl-d14
Concen: 40.194 ng
RT: 19.768 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BM050085.D
Acq: 02 May 2025 14:39

Tgt Ion:244 Resp: 5966026

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	6.8	5.6	8.4



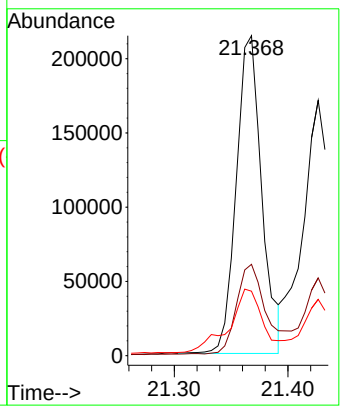


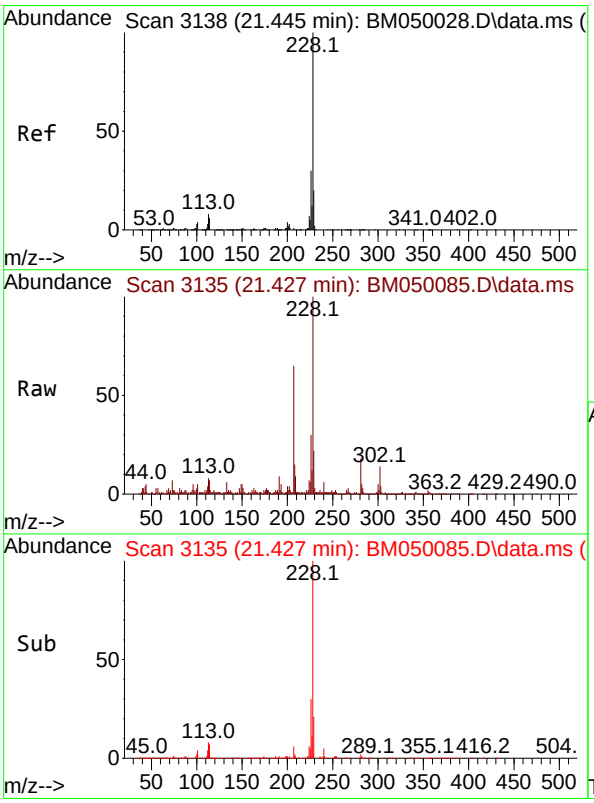
#81
Benzo(a)anthracene
Concen: 2.205 ng
RT: 21.368 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050085.D
Acq: 02 May 2025 14:39

Instrument :
BNA_M
ClientSampleId :
SS-9

Tgt Ion:228 Resp: 333508

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.1	33.1
229	20.2	15.7	23.5

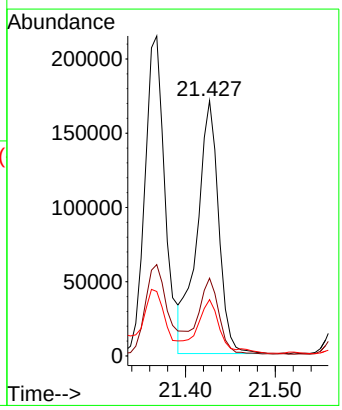


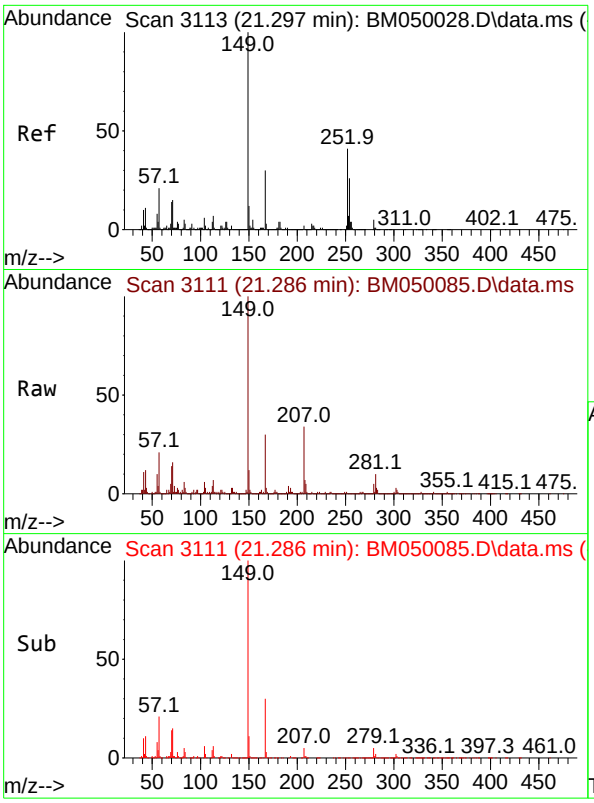


#83
Chrysene
Concen: 2.045 ng
RT: 21.427 min Scan# 3135
Delta R.T. -0.018 min
Lab File: BM050085.D
Acq: 02 May 2025 14:39

Tgt Ion:228 Resp: 286319

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	22.1	15.7	23.5



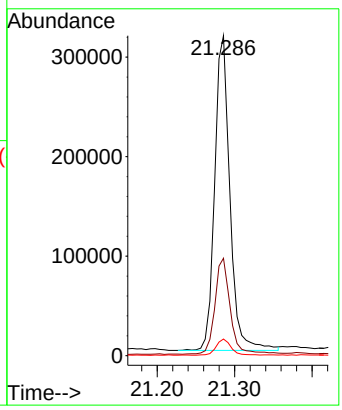


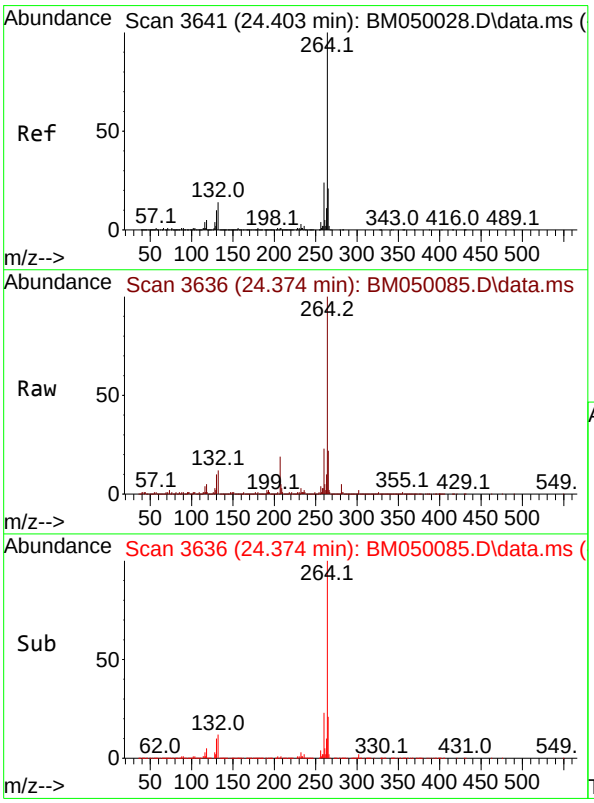
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.013 ng
RT: 21.286 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050085.D
Acq: 02 May 2025 14:39

Instrument :
BNA_M
ClientSampleId :
SS-9

Tgt Ion:149 Resp: 432537

Ion	Ratio	Lower	Upper
149	100		
167	30.4	24.1	36.1
279	5.2	3.9	5.9

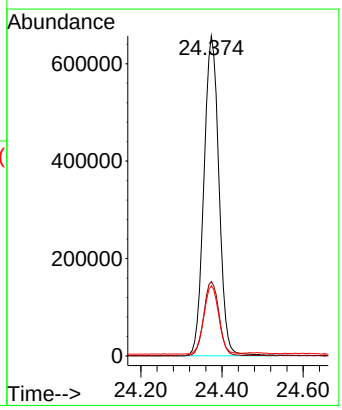


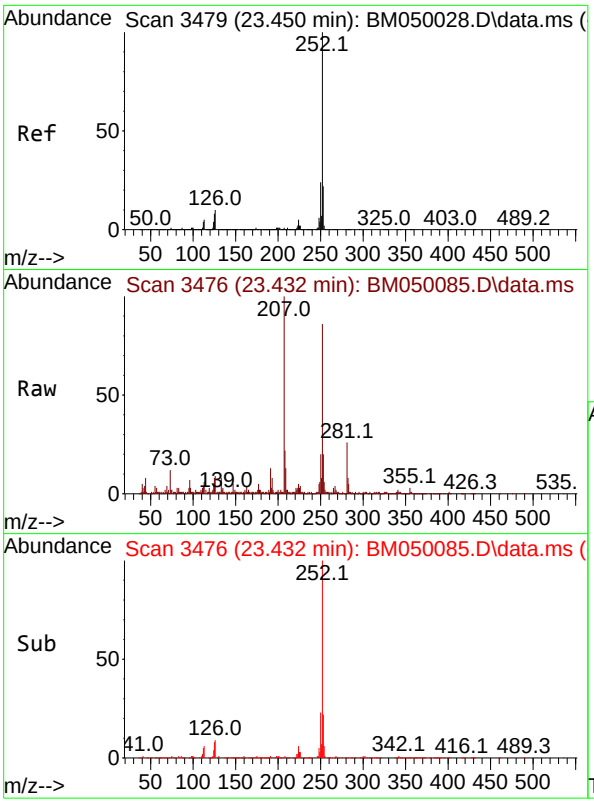


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.030 min
Lab File: BM050085.D
Acq: 02 May 2025 14:39

Tgt Ion:264 Resp: 1687114

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	22.0	17.0	25.4



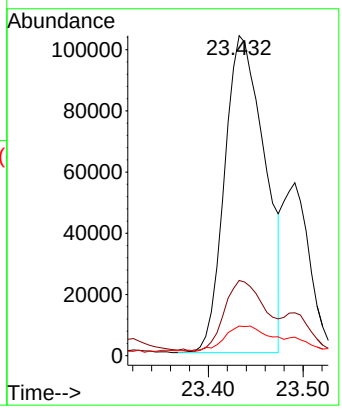


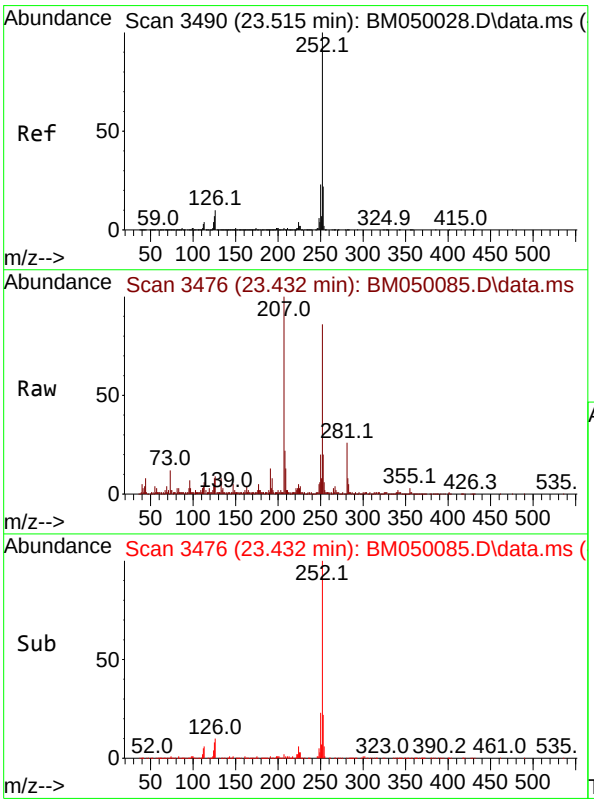
#88
Benzo(b)fluoranthene
Concen: 2.802 ng
RT: 23.432 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM050085.D
Acq: 02 May 2025 14:39

Instrument :
BNA_M
ClientSampleId :
SS-9

Tgt Ion:252 Resp: 307417

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	9.2	6.1	9.1#

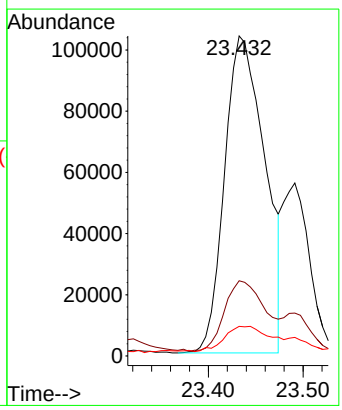


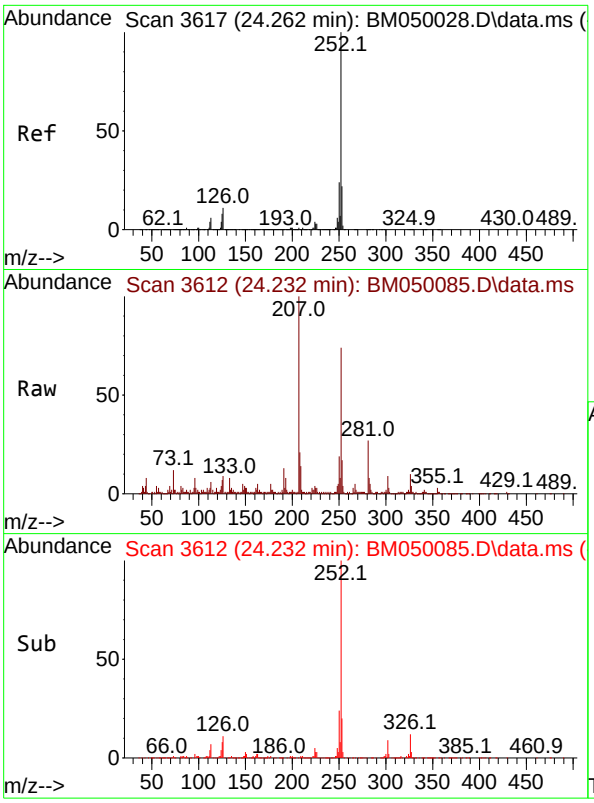


#89
Benzo(k)fluoranthene
Concen: 2.770 ng
RT: 23.432 min Scan# 3476
Delta R.T. -0.082 min
Lab File: BM050085.D
Acq: 02 May 2025 14:39

Tgt Ion:252 Resp: 307417

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	9.2	5.8	8.8#





#90
Benzo(a)pyrene
Concen: 2.115 ng
RT: 24.232 min Scan# 3
Delta R.T. -0.030 min
Lab File: BM050085.D
Acq: 02 May 2025 14:39

Instrument :
BNA_M
ClientSampleId :
SS-9

Tgt Ion:252 Resp: 217336

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	9.3	6.6	9.8