Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049805.D
Acq On : 03 Apr 2025 14:37
Operator : RC/JU
Sample : Q1693-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WCS-TP-2

Quant Time: Apr 03 15:23:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.786	152	293955	20.000	ng		-0.02
21) Naphthalene-d8	10.580	136	1005562	20.000	ng		-0.02
39) Acenaphthene-d10	14.427	164	643411	20.000	ng		-0.02
64) Phenanthrene-d10	17.168	188	1278391	20.000	ng		-0.02
76) Chrysene-d12	21.403	240	1280864	20.000	ng		-0.02
86) Perylene-d12	24.403	264	1344709	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	2171640	124.654	ng		-0.02
7) Phenol-d6	6.957	99	2752779	125.911	ng		-0.02
23) Nitrobenzene-d5	8.939	82	1632457	83.350	ng		-0.02
42) 2,4,6-Tribromophenol	15.915	330	1167873	155.445	ng		-0.02
45) 2-Fluorobiphenyl	13.051	172	3919344	76.289	ng		-0.02
79) Terphenyl-d14	19.792	244	6275470	82.561	ng		-0.02
Target Compounds							Qvalue
62) 4-Nitroaniline	15.298	138	252	3.780	ng		92
63) Azobenzene	15.786	77	151379	3.799	ng	#	1
78) Pyrene	19.586	202	182254	2.037	ng		98
81) Benzo(a)anthracene	21.444	228	192251	2.247	ng		94
83) Chrysene	21.444	228	192251	2.371	ng		97
88) Benzo(b)fluoranthene	23.456	252	300655	3.320	ng		99
89) Benzo(k)fluoranthene	23.456	252	300655	3.374	ng		99
90) Benzo(a)pyrene	24.256	252	302907	3.982	ng		98
92) Benzo(g,h,i)perylene	28.814	276	192972	2.376	ng		98

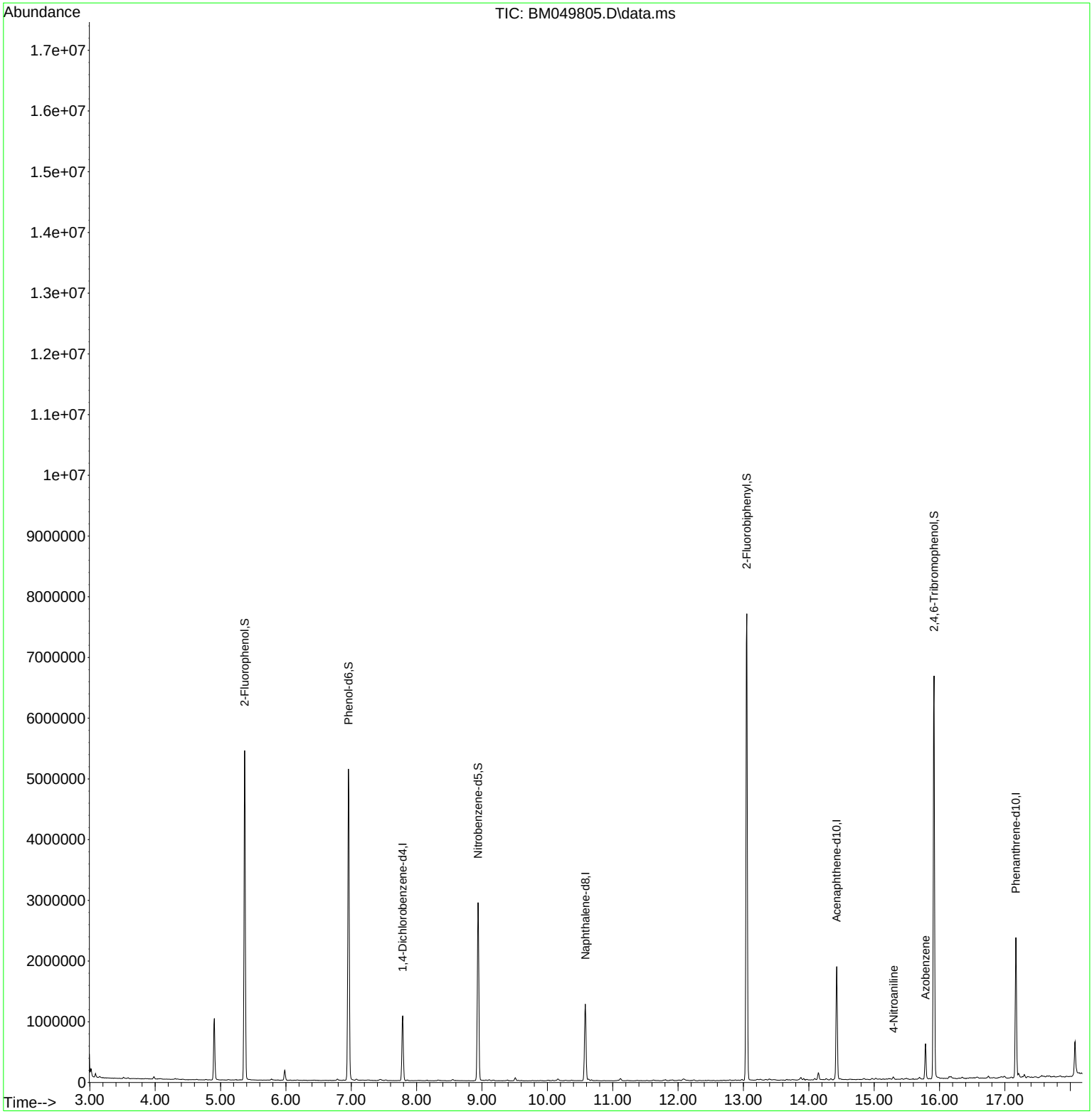
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049805.D
Acq On : 03 Apr 2025 14:37
Operator : RC/JU
Sample : Q1693-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WCS-TP-2

Quant Time: Apr 03 15:23:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

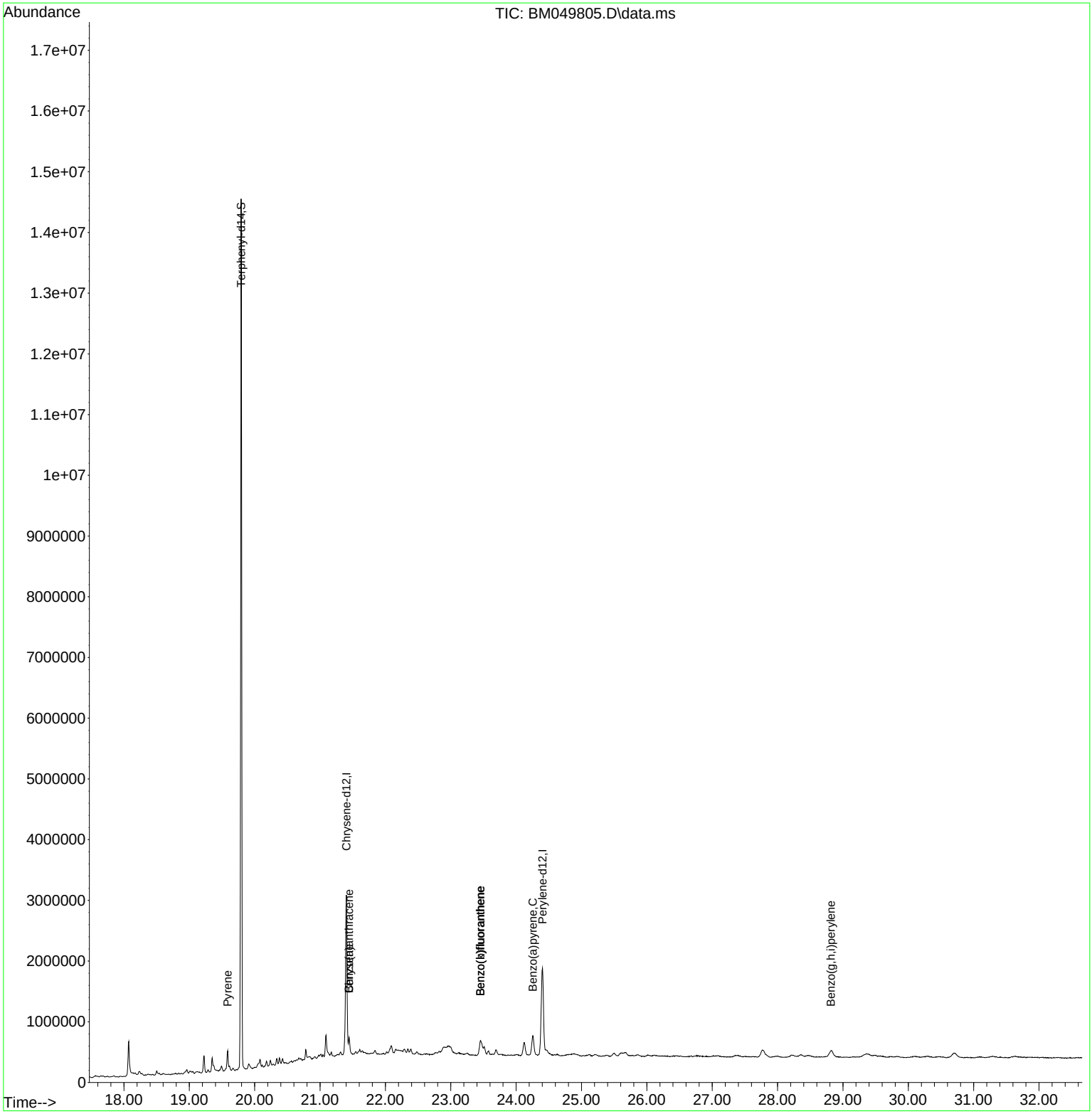


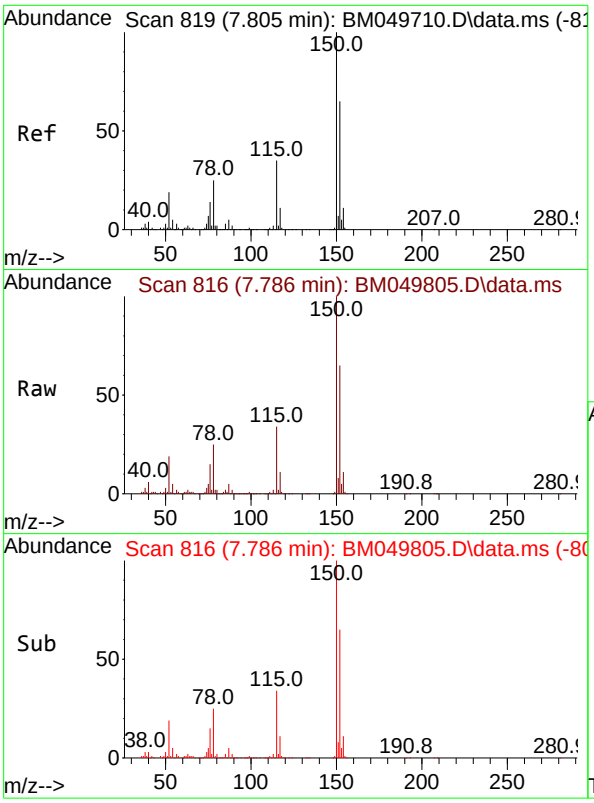
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049805.D
Acq On : 03 Apr 2025 14:37
Operator : RC/JU
Sample : Q1693-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WCS-TP-2

Quant Time: Apr 03 15:23:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration



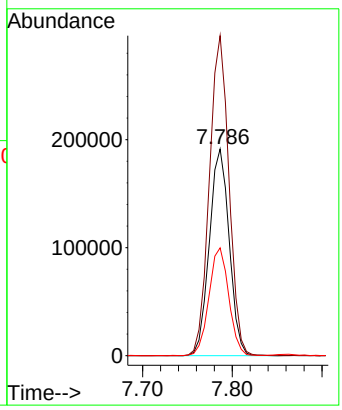


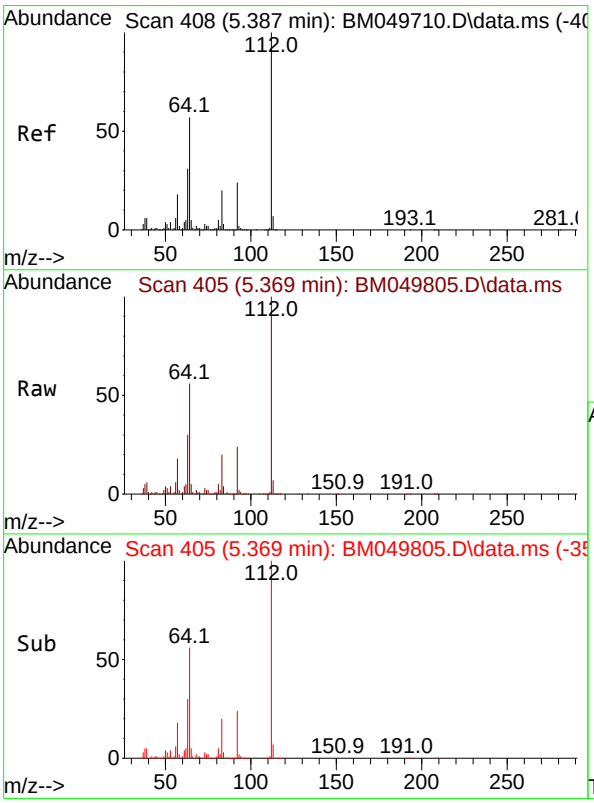
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 81
Delta R.T. -0.019 min
Lab File: BM049805.D
Acq: 03 Apr 2025 14:37

Instrument :
BNA_M
ClientSampleId :
WCS-TP-2

Tgt Ion:152 Resp: 293955

Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.8	185.8
115	52.1	43.0	64.6

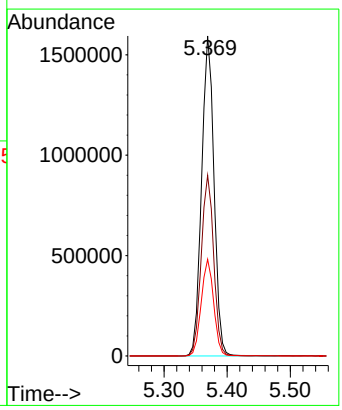


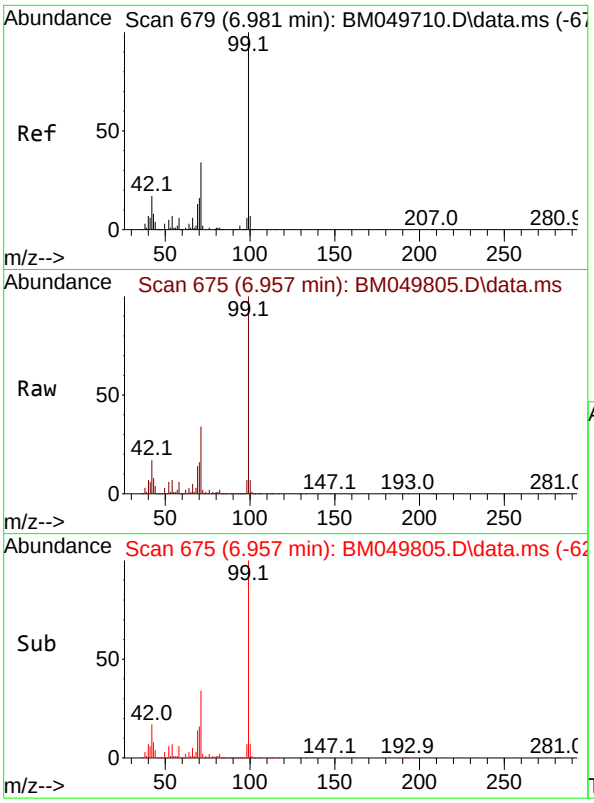


#5
2-Fluorophenol
Concen: 124.654 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.018 min
Lab File: BM049805.D
Acq: 03 Apr 2025 14:37

Tgt Ion:112 Resp: 2171640

Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.3	67.9
63	30.2	24.4	36.6



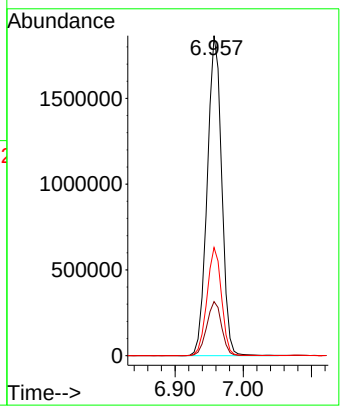


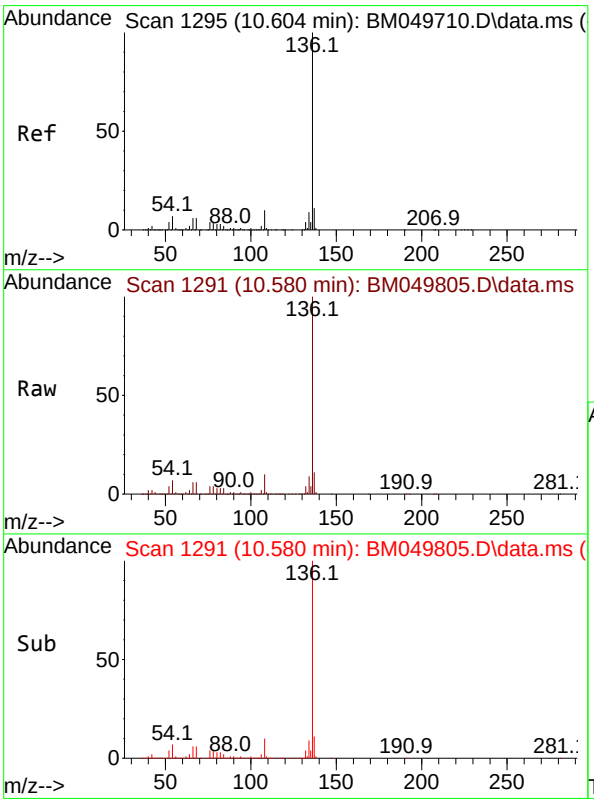
#7
Phenol-d6
Concen: 125.911 ng
RT: 6.957 min Scan# 6
Delta R.T. -0.024 min
Lab File: BM049805.D
Acq: 03 Apr 2025 14:37

Instrument :
BNA_M
ClientSampleId :
WCS-TP-2

Tgt Ion: 99 Resp: 2752779

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.6	20.4
71	33.8	27.0	40.6

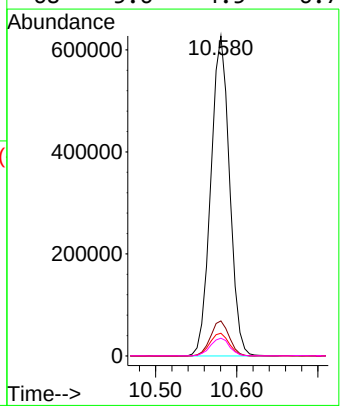


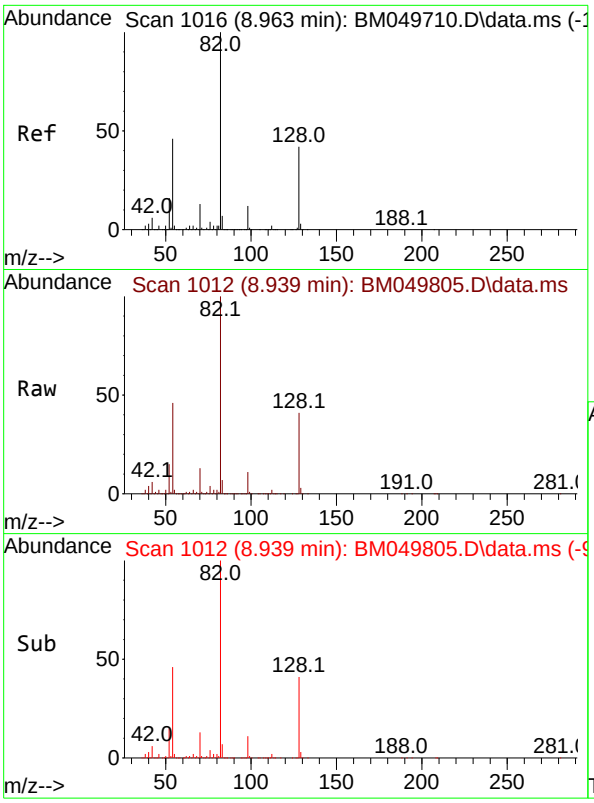


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049805.D
Acq: 03 Apr 2025 14:37

Tgt Ion:136 Resp: 1005562

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.1	5.8	8.8
68	5.6	4.5	6.7



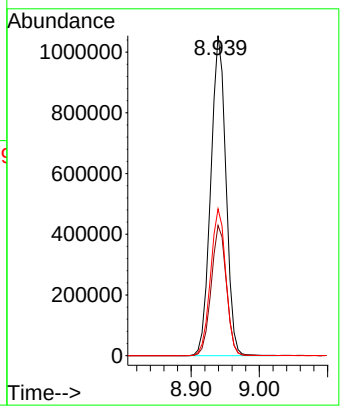


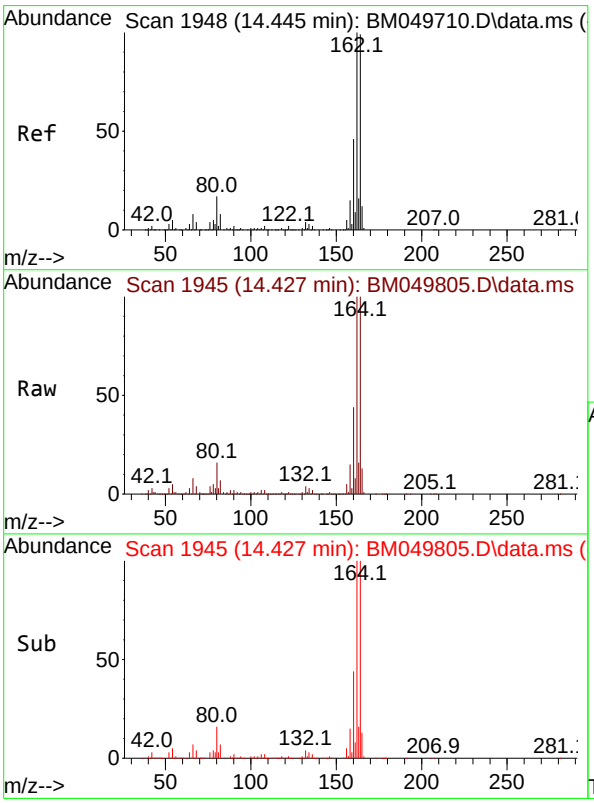
#23
Nitrobenzene-d5
Concen: 83.350 ng
RT: 8.939 min Scan# 1(
Delta R.T. -0.024 min
Lab File: BM049805.D
Acq: 03 Apr 2025 14:37

Instrument :
BNA_M
ClientSampleId :
WCS-TP-2

Tgt Ion: 82 Resp: 1632457

Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.4	50.0
54	45.9	36.4	54.6

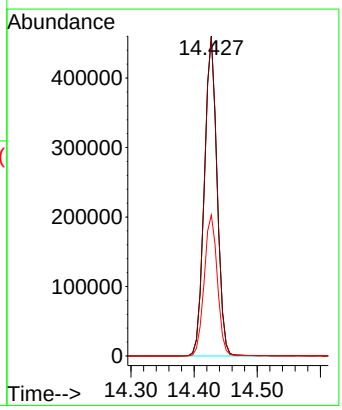


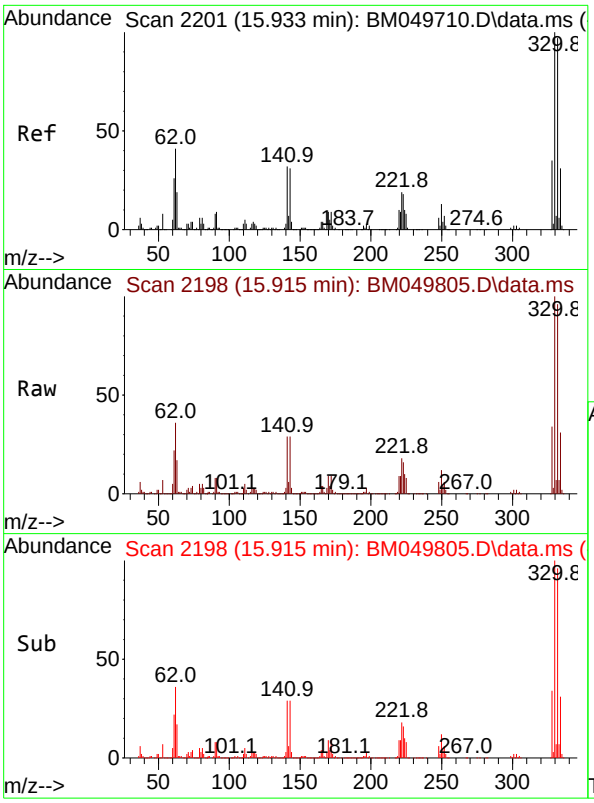


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BM049805.D
Acq: 03 Apr 2025 14:37

Tgt Ion:164 Resp: 643411

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.5	120.7
160	44.1	36.9	55.3



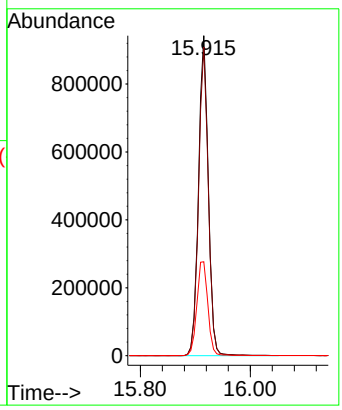


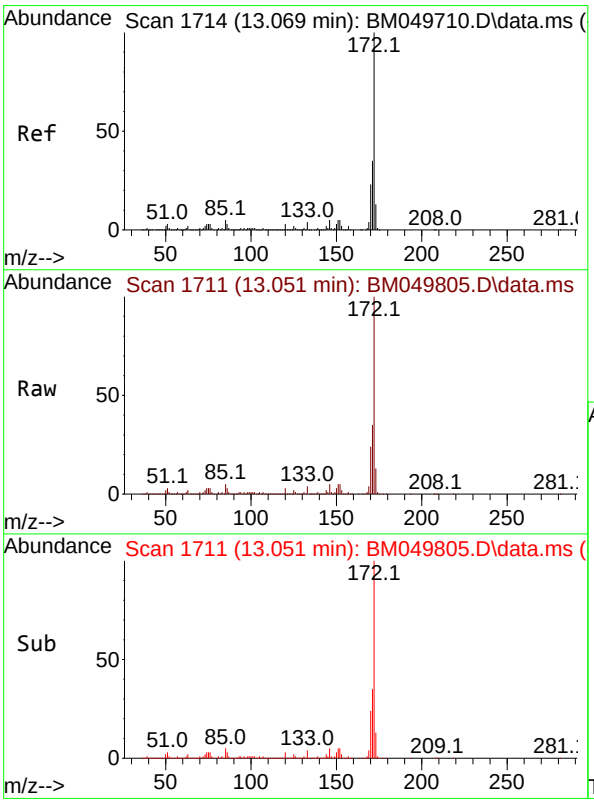
#42
2,4,6-Tribromophenol
Concen: 155.445 ng
RT: 15.915 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM049805.D
Acq: 03 Apr 2025 14:37

Instrument :
BNA_M
ClientSampleId :
WCS-TP-2

Tgt Ion:330 Resp: 1167873

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.4
141	32.8	27.8	41.6

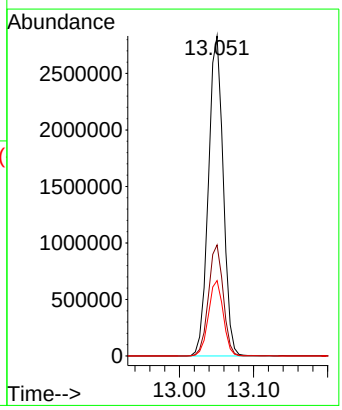


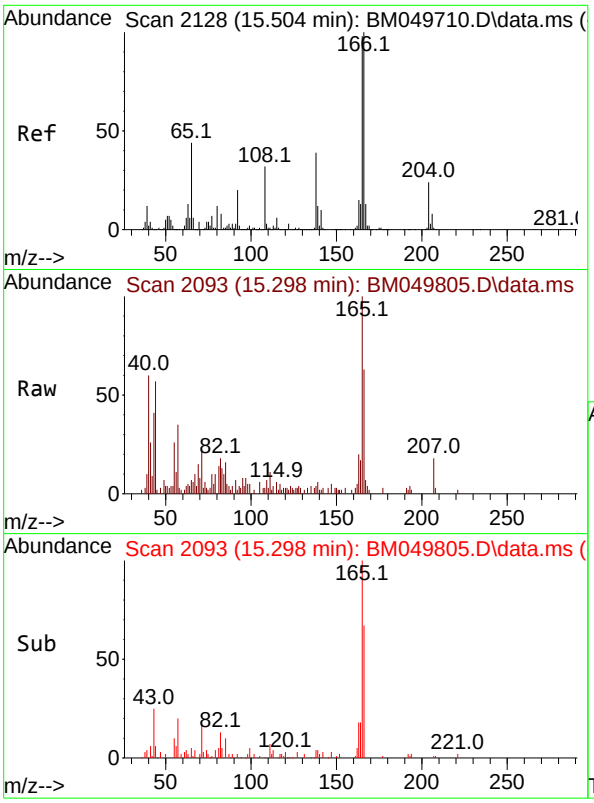


#45
2-Fluorobiphenyl
Concen: 76.289 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049805.D
Acq: 03 Apr 2025 14:37

Tgt Ion:172 Resp: 3919344

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.9	41.9
170	23.6	18.6	28.0



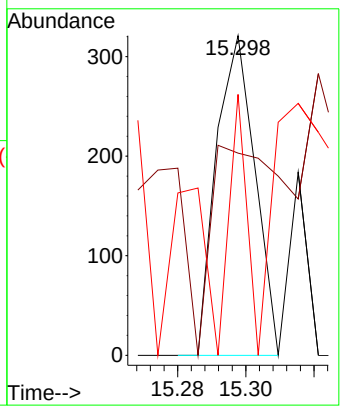


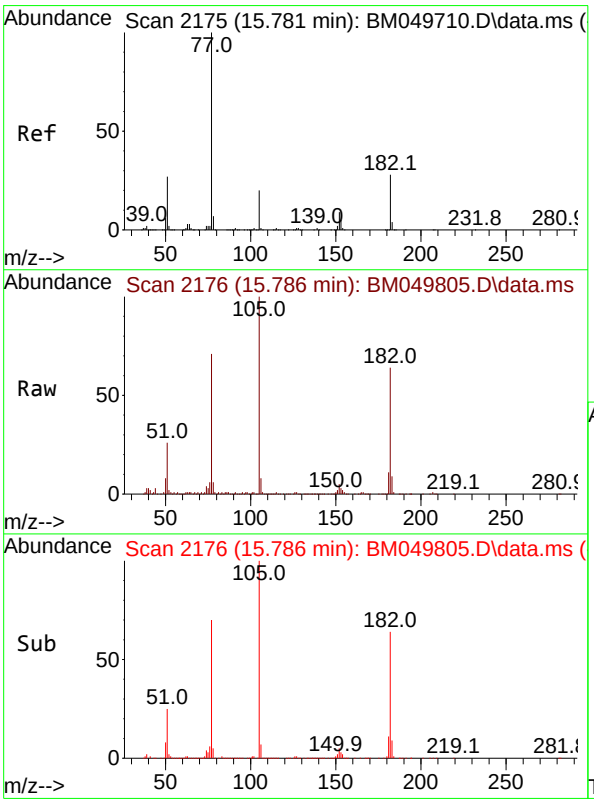
#62
4-Nitroaniline
Concen: 3.780 ng
RT: 15.298 min Scan# 2(
Delta R.T. -0.206 min
Lab File: BM049805.D
Acq: 03 Apr 2025 14:37

Instrument :
BNA_M
ClientSampleId :
WCS-TP-2

Tgt Ion:138 Resp: 252

Ion	Ratio	Lower	Upper
138	100		
92	63.2	29.8	69.8
108	81.6	61.3	101.3

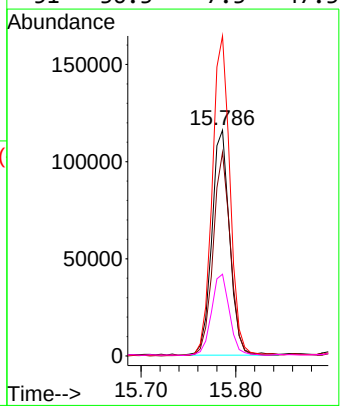


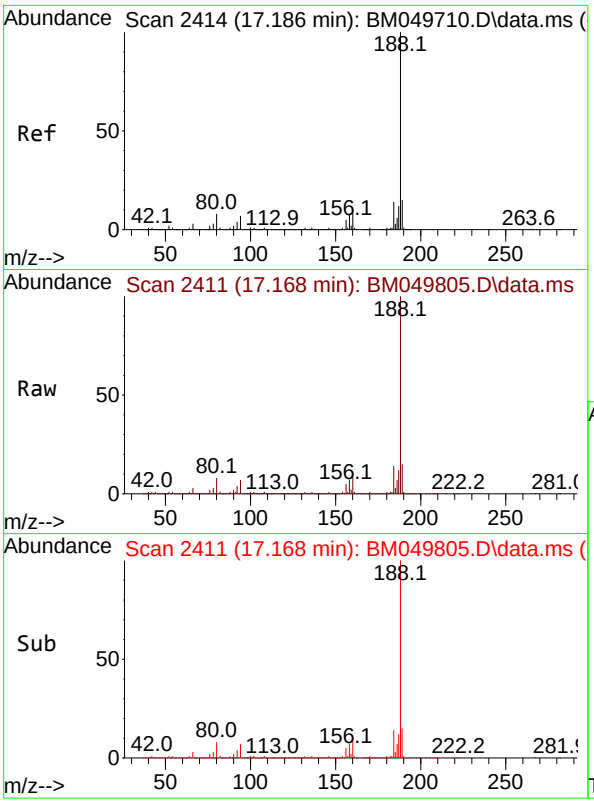


#63
Azobenzene
Concen: 3.799 ng
RT: 15.786 min Scan# 2176
Delta R.T. 0.005 min
Lab File: BM049805.D
Acq: 03 Apr 2025 14:37

Tgt Ion: 77 Resp: 151379

Ion	Ratio	Lower	Upper
77	100		
182	90.1	8.0	48.0#
105	141.7	0.0	40.0#
51	36.3	7.3	47.3



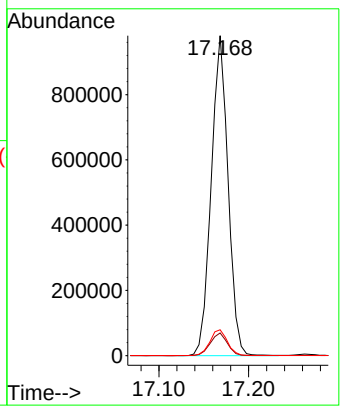


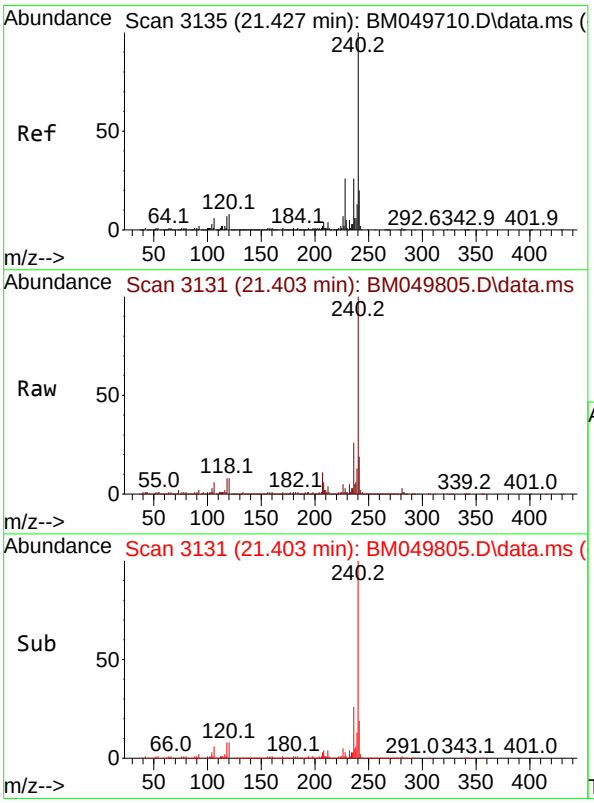
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM049805.D
Acq: 03 Apr 2025 14:37

Instrument :
BNA_M
ClientSampleId :
WCS-TP-2

Tgt Ion:188 Resp: 1278391

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.8	8.6
80	8.1	6.3	9.5

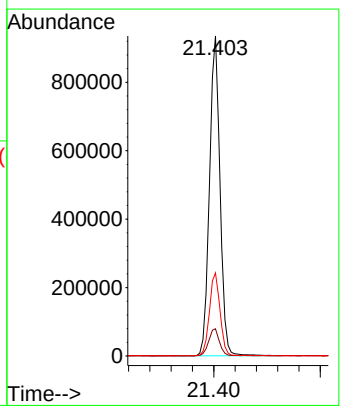


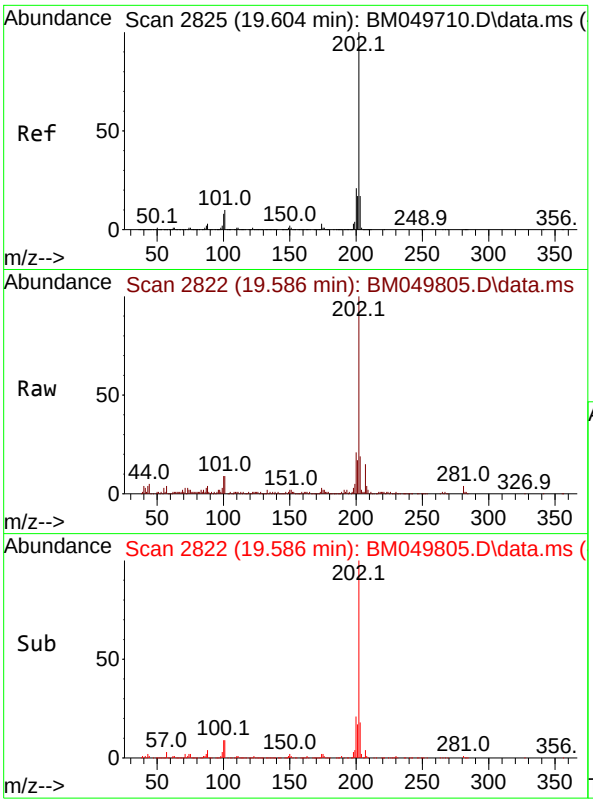


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.024 min
Lab File: BM049805.D
Acq: 03 Apr 2025 14:37

Tgt Ion:240 Resp: 1280864

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.5	9.7
236	26.0	20.7	31.1



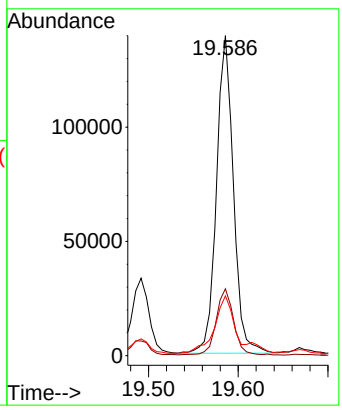


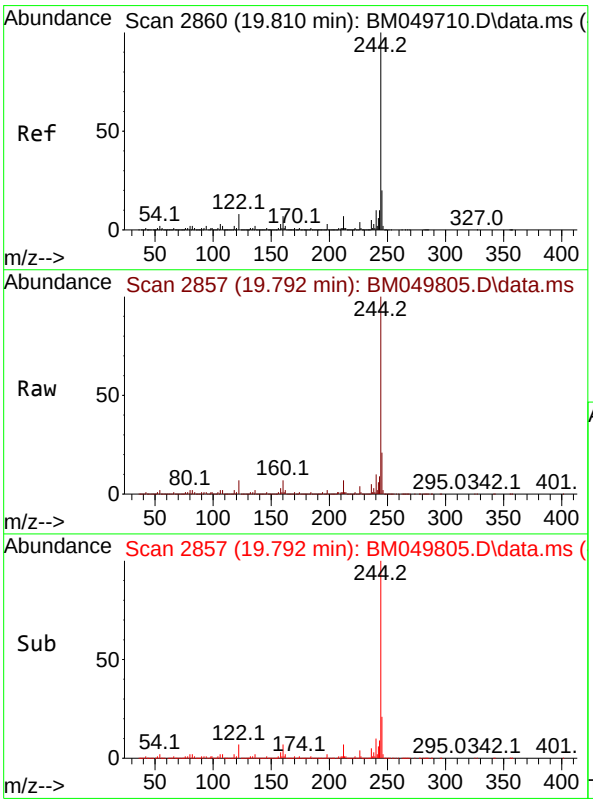
#78
Pyrene
Concen: 2.037 ng
RT: 19.586 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM049805.D
Acq: 03 Apr 2025 14:37

Instrument :
BNA_M
ClientSampleId :
WCS-TP-2

Tgt Ion:202 Resp: 182254

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	18.7	14.0	21.0

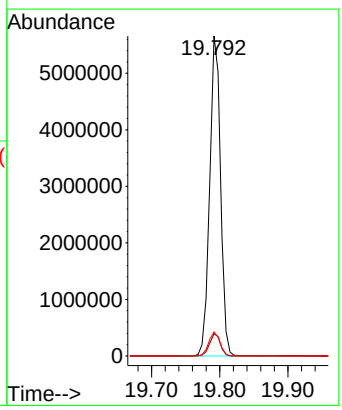


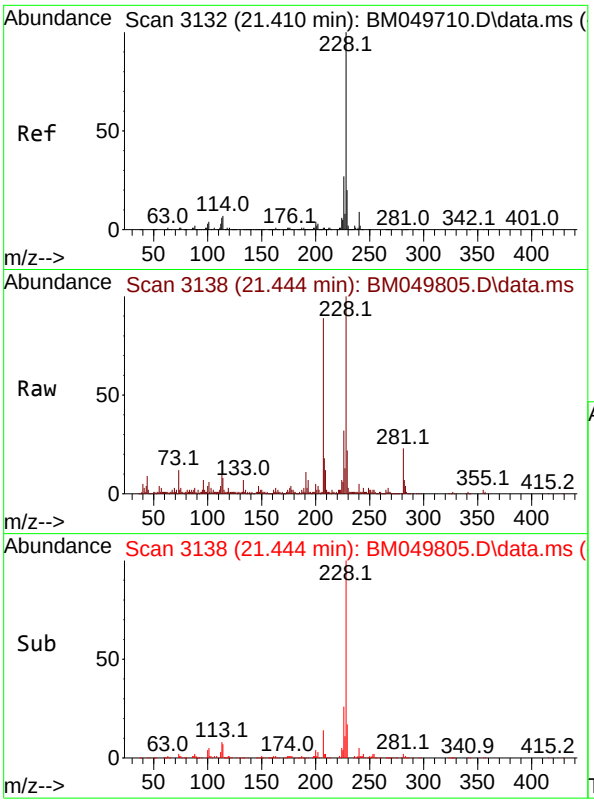


#79
Terphenyl-d14
Concen: 82.561 ng
RT: 19.792 min Scan# 2857
Delta R.T. -0.018 min
Lab File: BM049805.D
Acq: 03 Apr 2025 14:37

Tgt Ion:244 Resp: 6275470

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	7.5	6.0	9.0



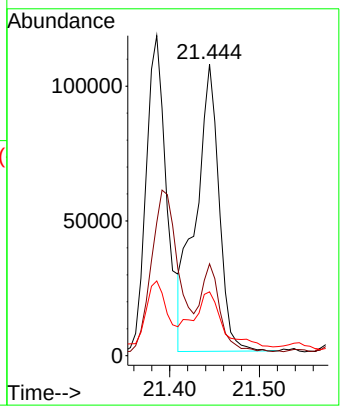


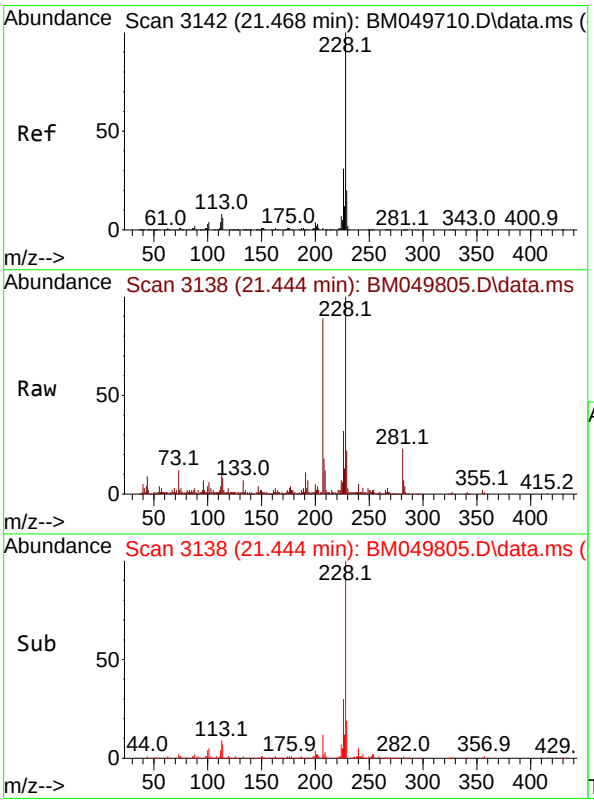
#81
Benzo(a)anthracene
Concen: 2.247 ng
RT: 21.444 min Scan# 3
Delta R.T. 0.035 min
Lab File: BM049805.D
Acq: 03 Apr 2025 14:37

Instrument :
BNA_M
ClientSampleId :
WCS-TP-2

Tgt Ion:228 Resp: 192251

Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.0	33.0
229	21.9	15.8	23.8

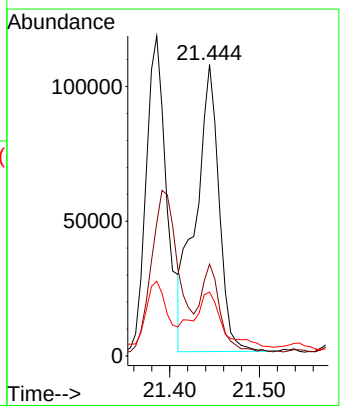


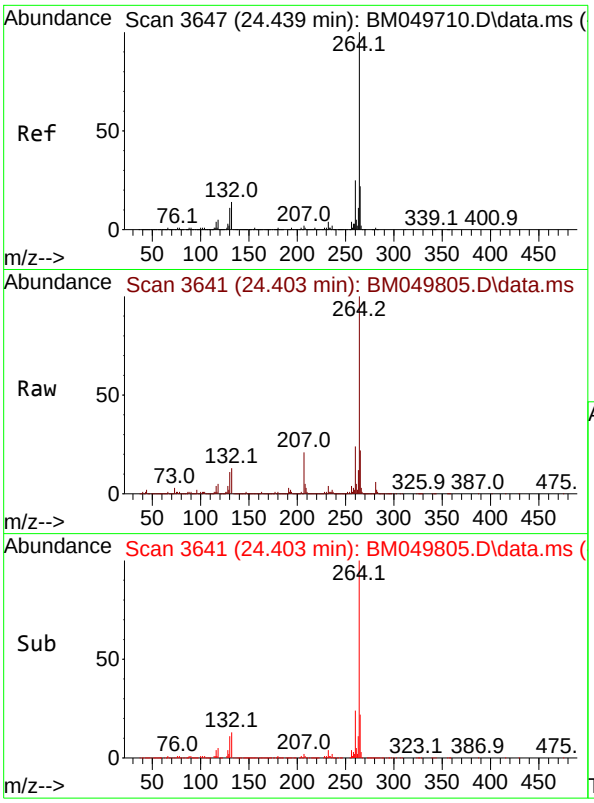


#83
Chrysene
Concen: 2.371 ng
RT: 21.444 min Scan# 3138
Delta R.T. -0.024 min
Lab File: BM049805.D
Acq: 03 Apr 2025 14:37

Tgt Ion:228 Resp: 192251

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.5	36.7
229	21.9	15.8	23.6



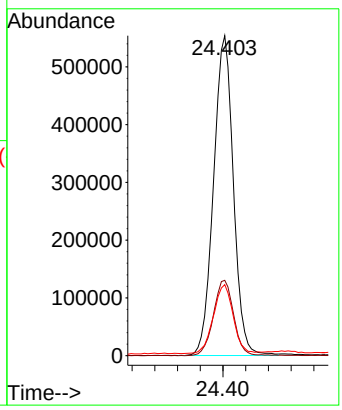


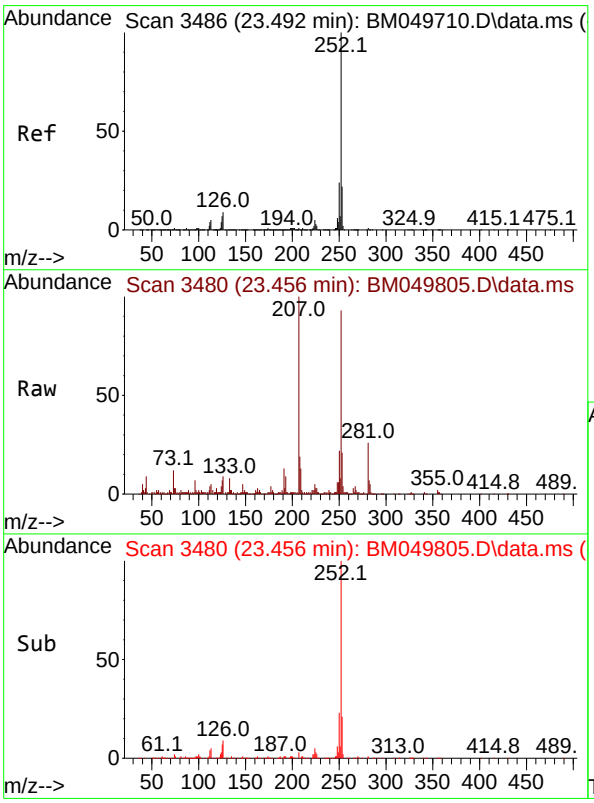
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3
Delta R.T. -0.036 min
Lab File: BM049805.D
Acq: 03 Apr 2025 14:37

Instrument :
BNA_M
ClientSampleId :
WCS-TP-2

Tgt Ion:264 Resp: 1344709

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	22.2	18.2	27.2

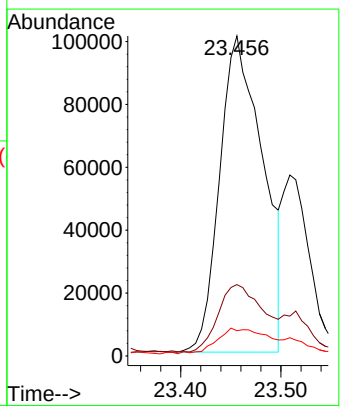


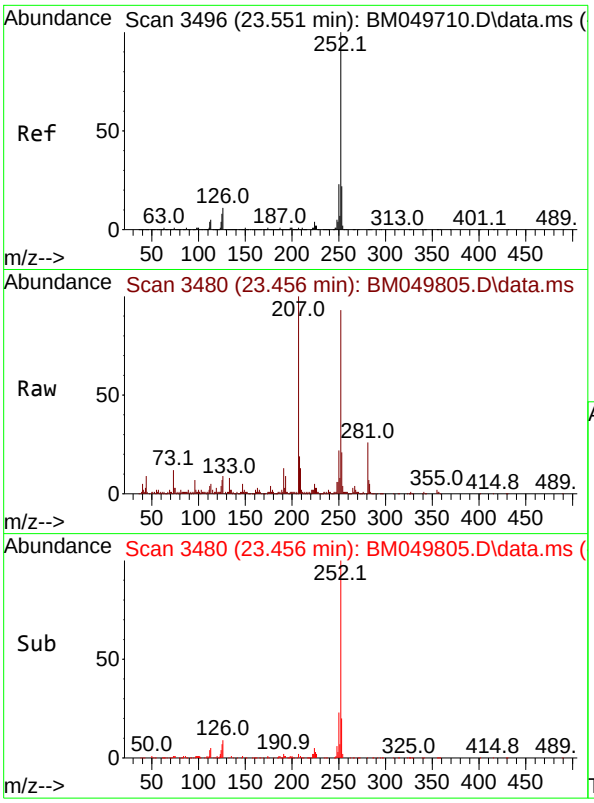


#88
Benzo(b)fluoranthene
Concen: 3.320 ng
RT: 23.456 min Scan# 3480
Delta R.T. -0.036 min
Lab File: BM049805.D
Acq: 03 Apr 2025 14:37

Tgt Ion:252 Resp: 300655

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	7.9	5.9	8.9



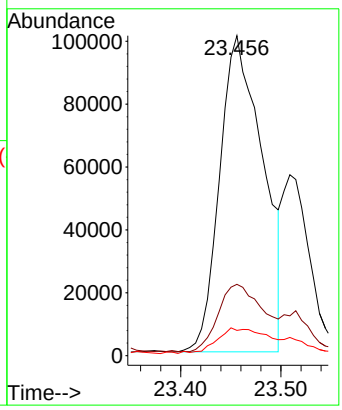


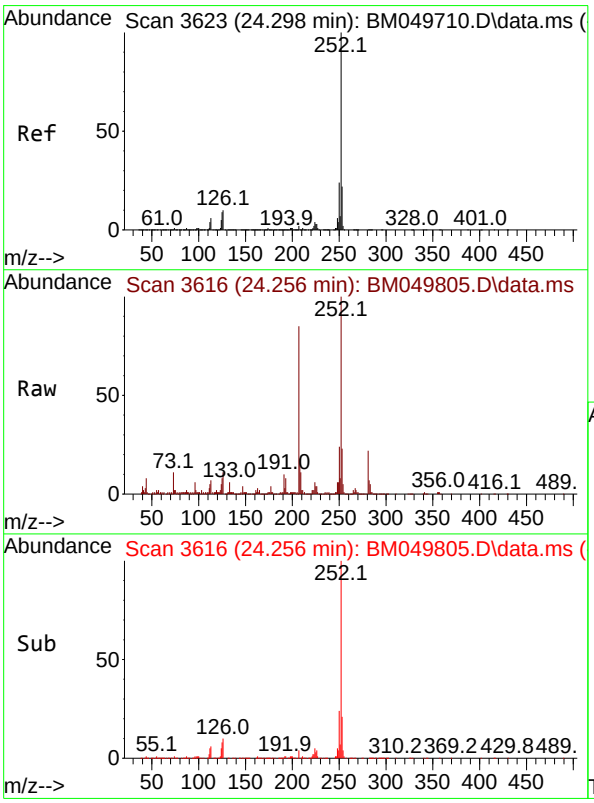
#89
Benzo(k)fluoranthene
Concen: 3.374 ng
RT: 23.456 min Scan# 3
Delta R.T. -0.095 min
Lab File: BM049805.D
Acq: 03 Apr 2025 14:37

Instrument :
BNA_M
ClientSampleId :
WCS-TP-2

Tgt Ion:252 Resp: 300655

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	7.9	6.2	9.2

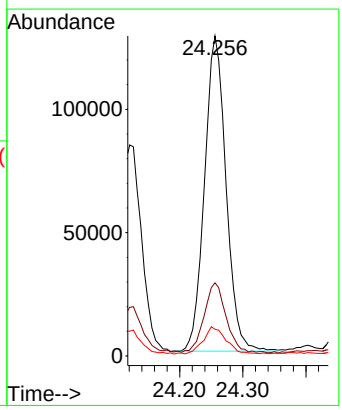


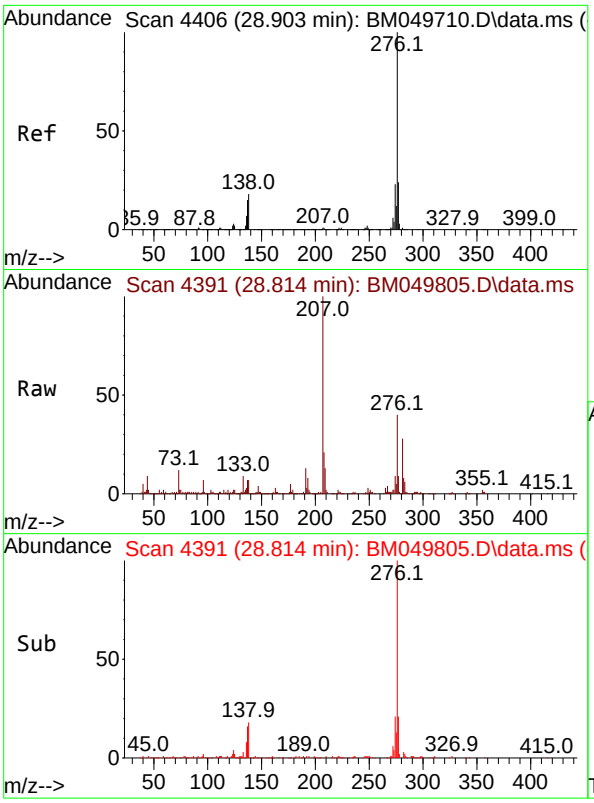


#90
Benzo(a)pyrene
Concen: 3.982 ng
RT: 24.256 min Scan# 3616
Delta R.T. -0.042 min
Lab File: BM049805.D
Acq: 03 Apr 2025 14:37

Tgt Ion:252 Resp: 302907

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	8.4	7.0	10.6





#92
Benzo(g,h,i)perylene
Concen: 2.376 ng
RT: 28.814 min Scan# 4
Delta R.T. -0.089 min
Lab File: BM049805.D
Acq: 03 Apr 2025 14:37

Instrument :
BNA_M
ClientSampleId :
WCS-TP-2

Tgt Ion:276 Resp: 192972

Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.8	28.2
138	18.6	14.0	21.0