Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141158.D
Acq On : 14 Jan 2025 20:49
Operator : RC/JU
Sample : Q1068-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025

Quant Time: Jan 15 00:14:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	147048	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	563658	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	266614	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	364404	20.000	ng	0.00
76) Chrysene-d12	13.980	240	302951	20.000	ng	0.00
86) Perylene-d12	15.451	264	284291	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	561924	59.033	ng	0.00
7) Phenol-d6	6.440	99	809883	67.167	ng	0.00
23) Nitrobenzene-d5	7.375	82	524697	49.344	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	62412	20.545	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	959733	54.969	ng	0.00
79) Terphenyl-d14	12.928	244	774969	38.021	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	72881	10.261	ng	# 77
25) Isophorone	7.375	82	521201	28.682	ng	# 65
49) Acenaphthylene	9.716	152	118963	5.163	ng	99
51) 2,6-Dinitrotoluene	9.857	165	36299	8.721	ng	# 27
63) Azobenzene	10.569	77	105724	6.132	ng	# 1
71) Phenanthrene	11.363	178	114027	5.829	ng	99
72) Anthracene	11.416	178	89504	4.705	ng	99
75) Fluoranthene	12.557	202	167487	8.579	ng	99
78) Pyrene	12.780	202	272660	9.423	ng	98
81) Benzo(a)anthracene	13.975	228	148615	7.208	ng	# 75
83) Chrysene	14.010	228	117661	6.099	ng	# 91
88) Benzo(b)fluoranthene	15.027	252	260100	14.188	ng	96
89) Benzo(k)fluoranthene	15.027	252	260100	16.789	ng	# 96
90) Benzo(a)pyrene	15.386	252	194605	12.867	ng	98
92) Benzo(g,h,i)perylene	17.339	276	155718	8.887	ng	98

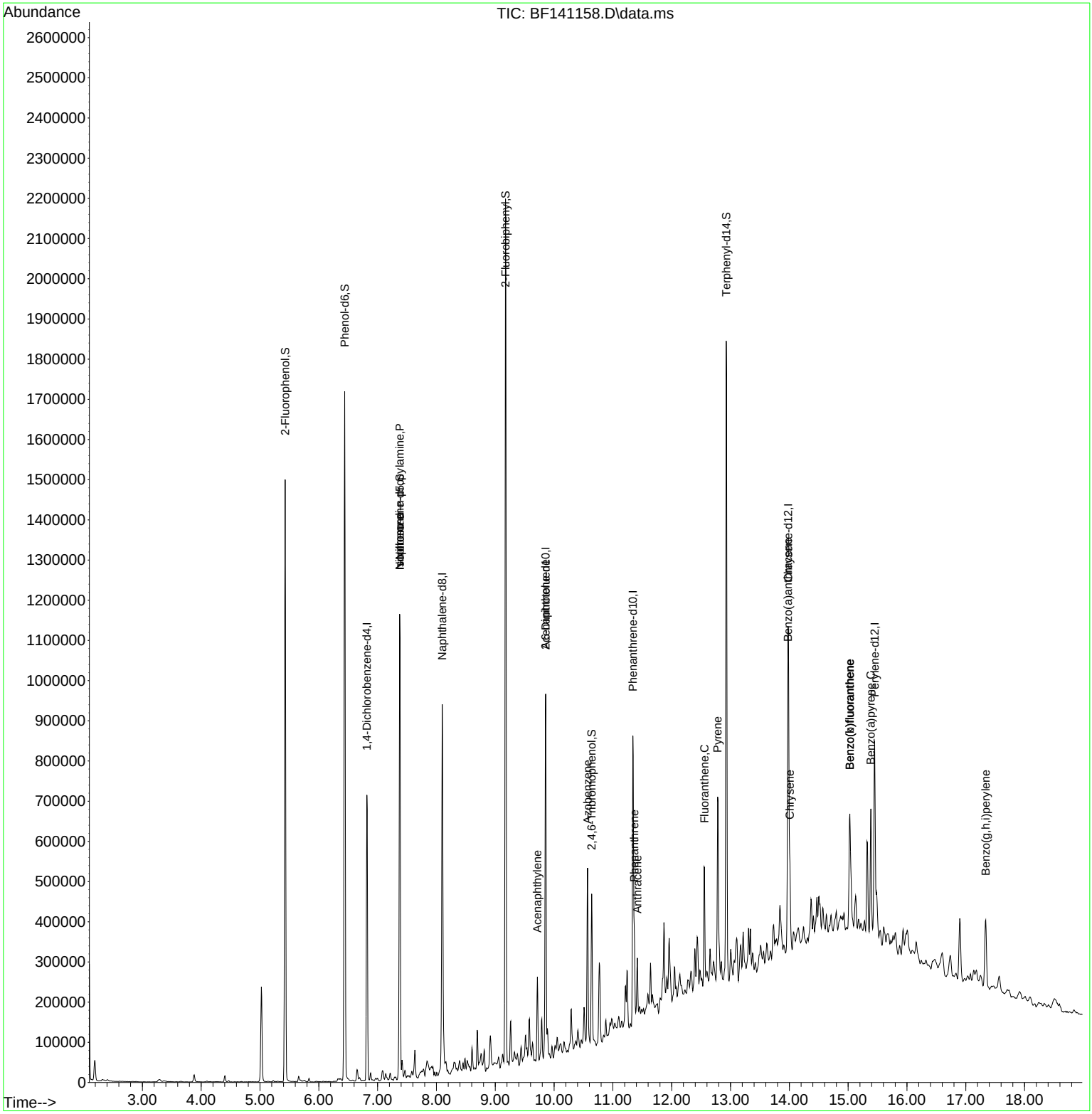
(#) = qualifier out of range (m) = manual integration (+) = signals summed

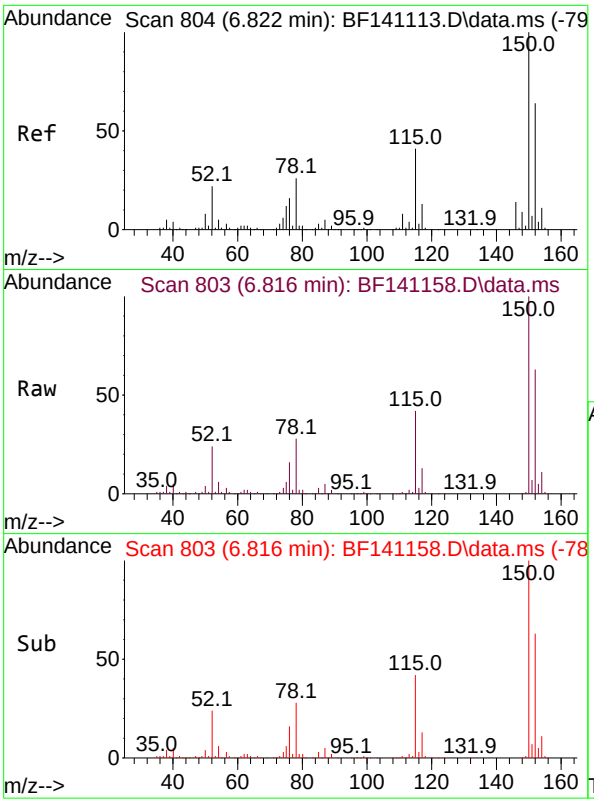
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141158.D
Acq On : 14 Jan 2025 20:49
Operator : RC/JU
Sample : Q1068-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025

Quant Time: Jan 15 00:14:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration



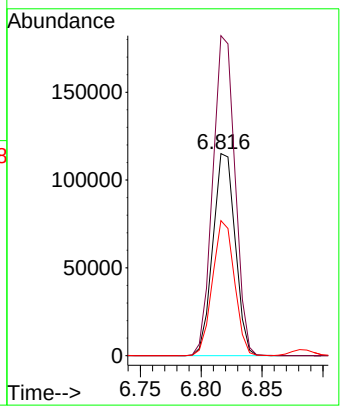


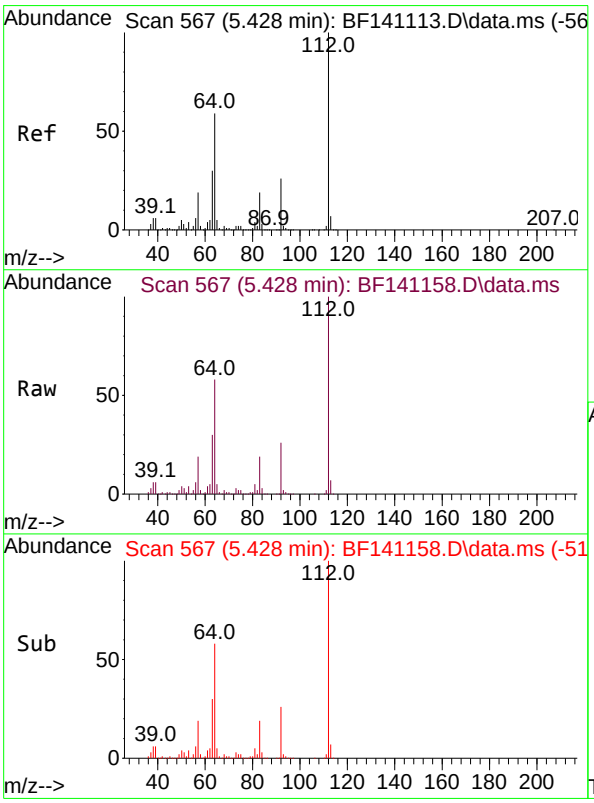
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025

Tgt Ion:152 Resp: 147048

Ion	Ratio	Lower	Upper
152	100		
150	158.3	125.8	188.8
115	66.8	51.4	77.2

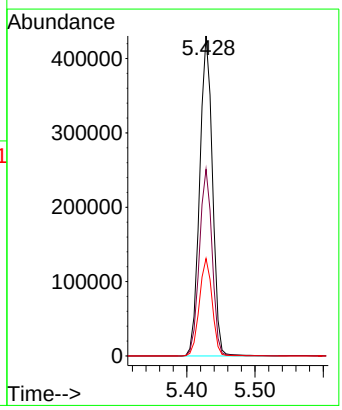


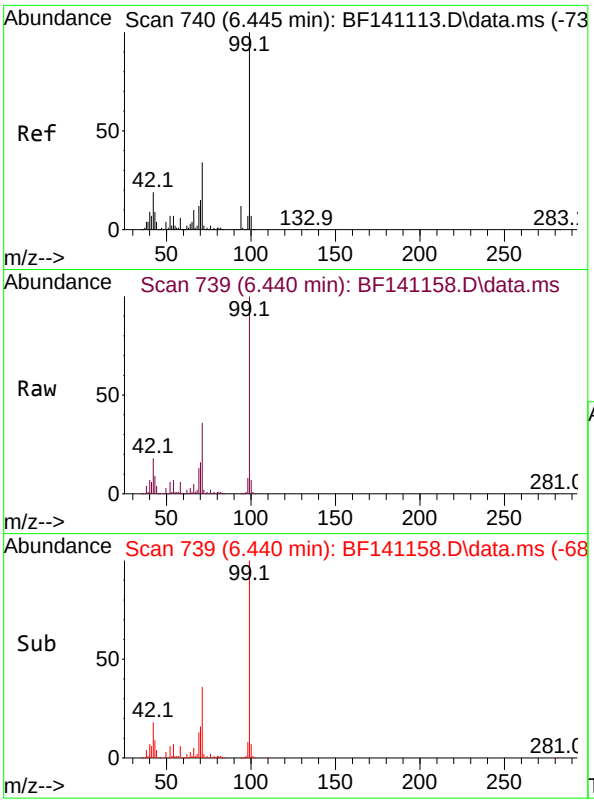


#5
2-Fluorophenol
Concen: 59.033 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Tgt Ion:112 Resp: 561924

Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.3	70.9
63	30.5	24.2	36.2



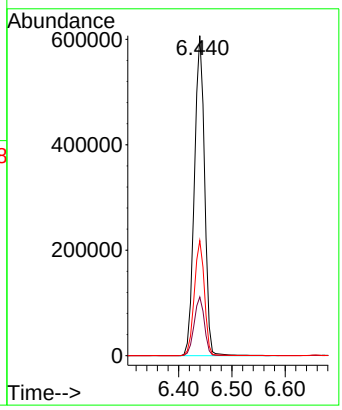


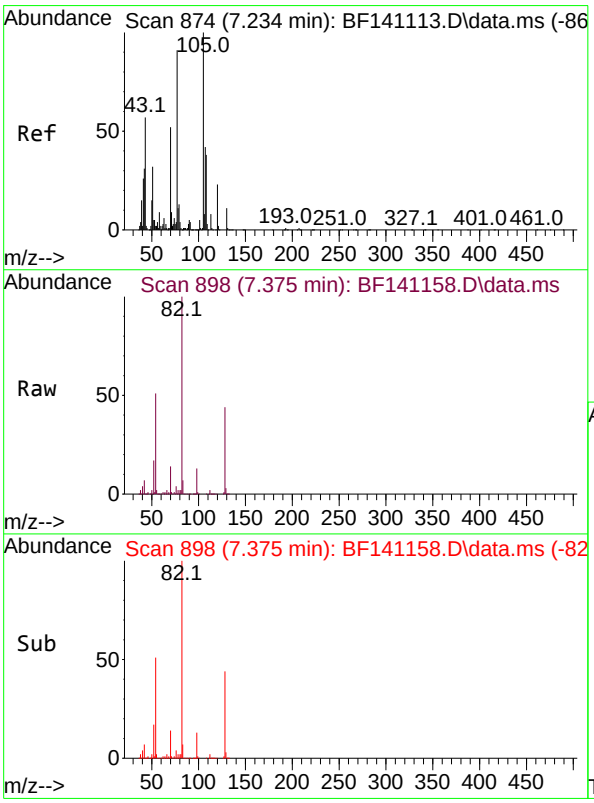
#7
Phenol-d6
Concen: 67.167 ng
RT: 6.440 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025

Tgt Ion: 99 Resp: 809883

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.0	22.4
71	36.0	27.6	41.4

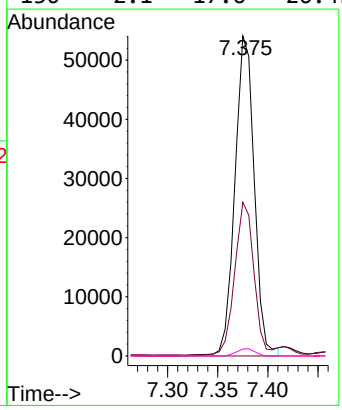


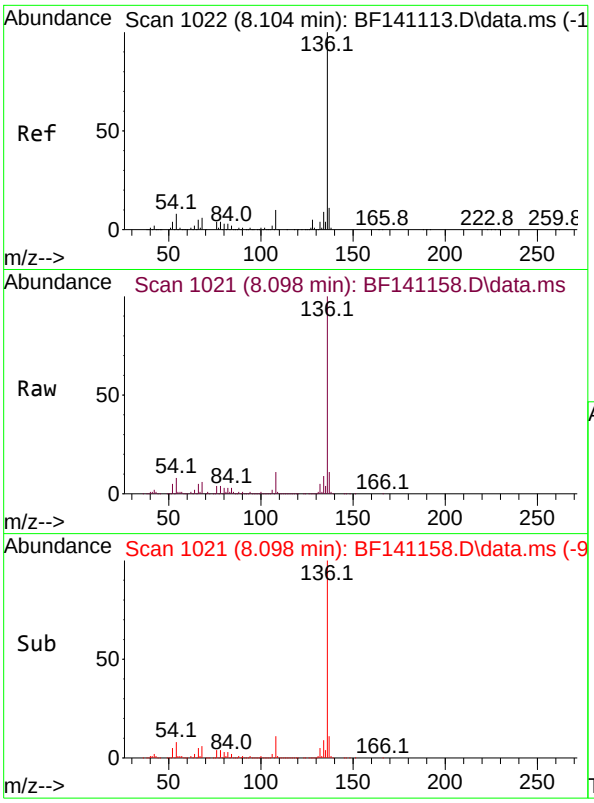


#19
n-Nitroso-di-n-propylamine
Concen: 10.261 ng
RT: 7.375 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Tgt Ion: 70 Resp: 72881

Ion	Ratio	Lower	Upper
70	100		
42	48.0	47.8	71.6
101	0.0	7.9	11.9#
130	2.1	17.6	26.4#



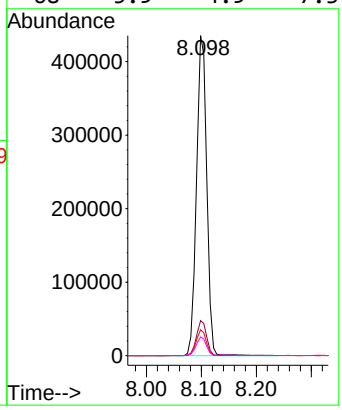


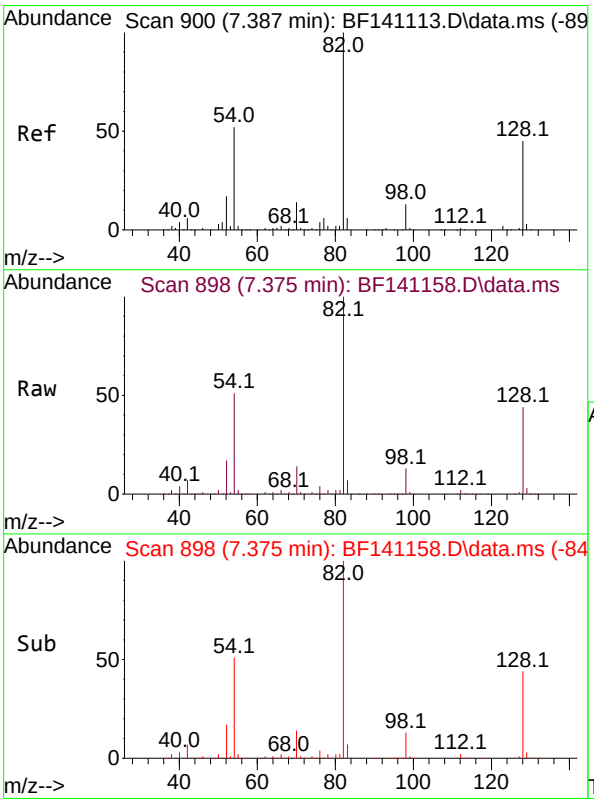
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025

Tgt Ion:136 Resp: 563658

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.1	6.3	9.5
68	5.9	4.9	7.3

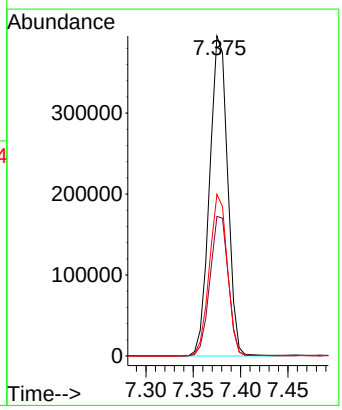


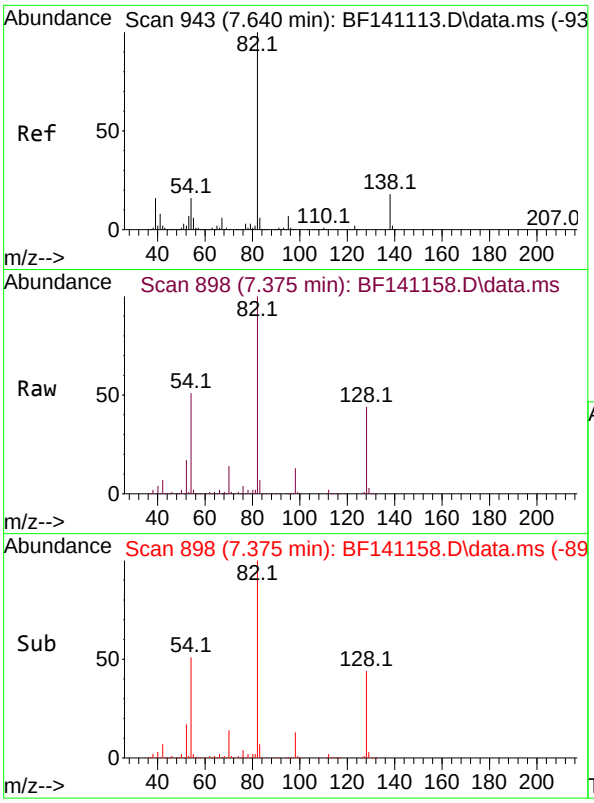


#23
Nitrobenzene-d5
Concen: 49.344 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Tgt Ion: 82 Resp: 524697

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	50.5	41.0	61.4



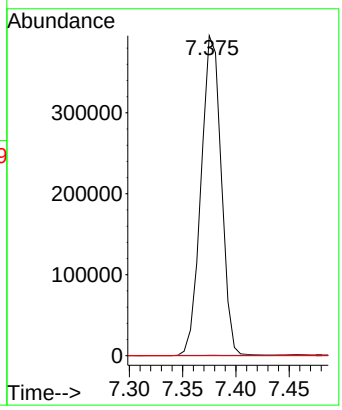


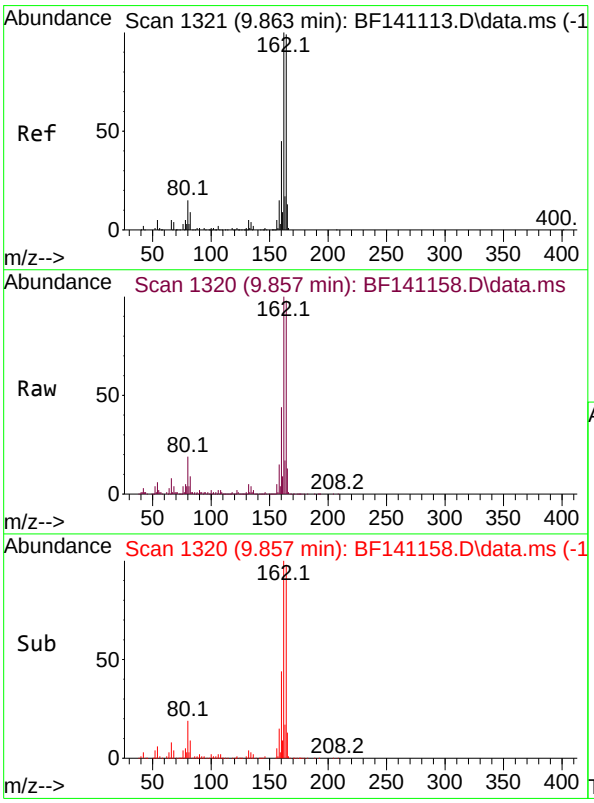
#25
Isophorone
Concen: 28.682 ng
RT: 7.375 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025

Tgt Ion: 82 Resp: 521201

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.9	8.9#
138	0.0	14.2	21.2#

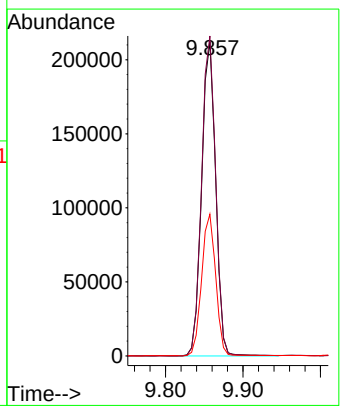


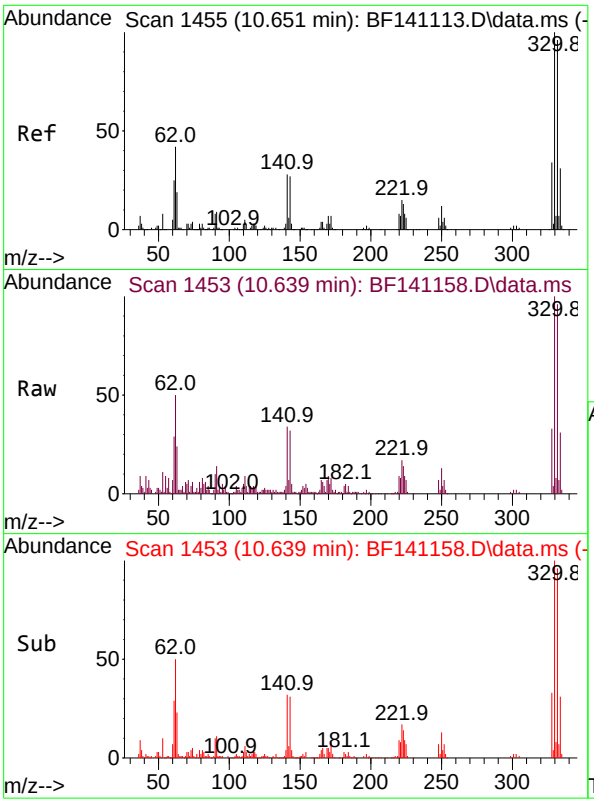


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Tgt Ion:164 Resp: 266614

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.0	121.4
160	45.1	36.1	54.1



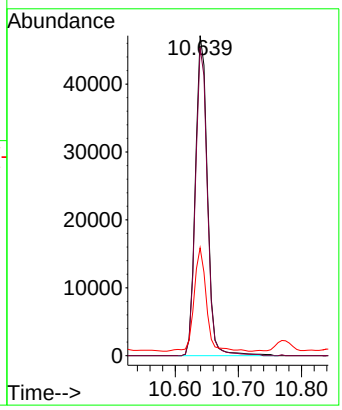


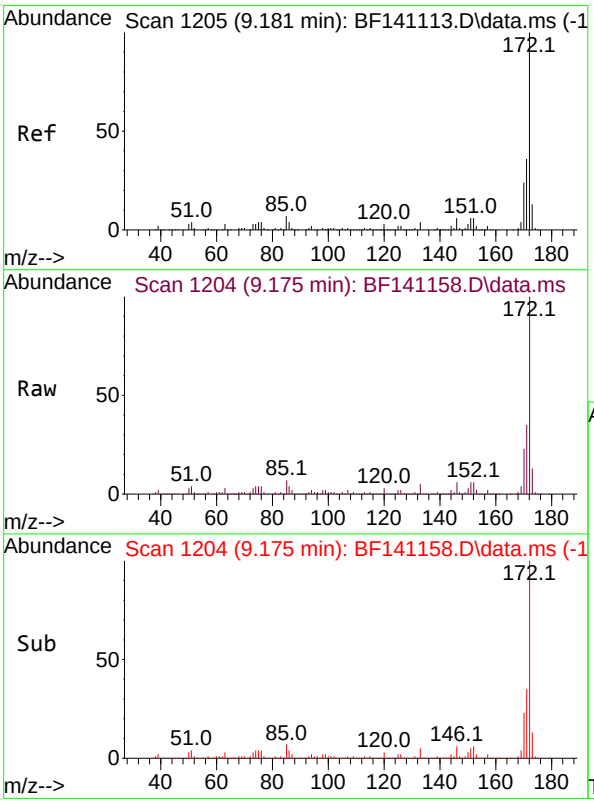
#42
2,4,6-Tribromophenol
Concen: 20.545 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025

Tgt Ion:330 Resp: 62412

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.9	115.3
141	32.6	25.2	37.8

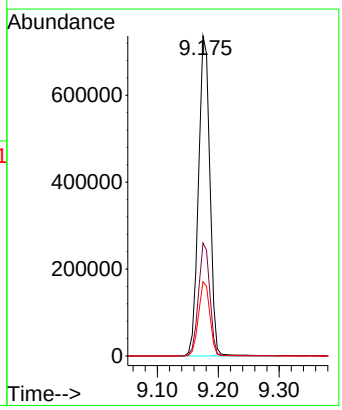


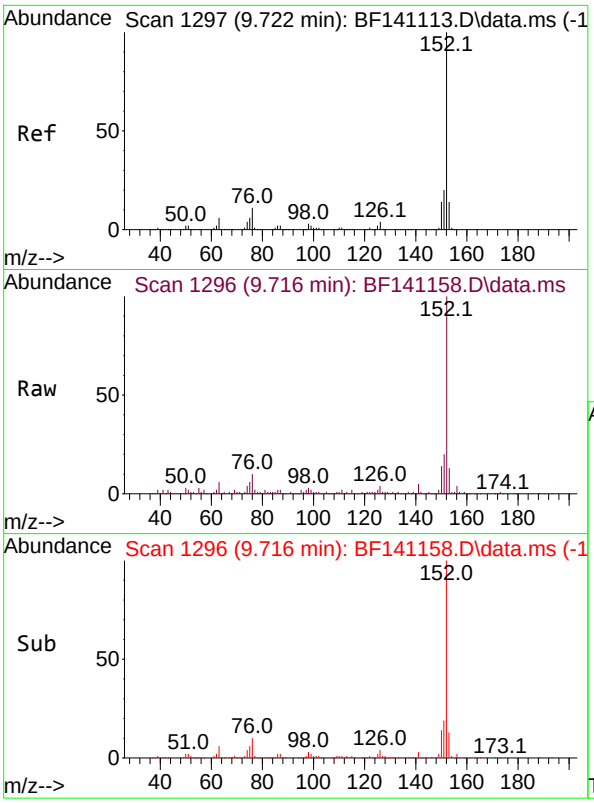


#45
2-Fluorobiphenyl
Concen: 54.969 ng
RT: 9.175 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Tgt Ion:172 Resp: 959733

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	23.2	19.0	28.6



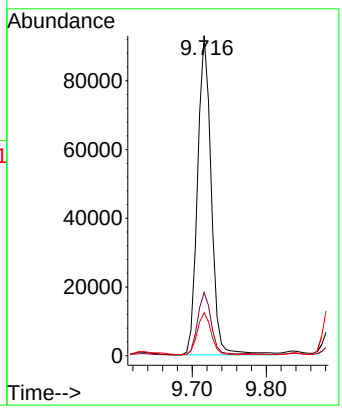


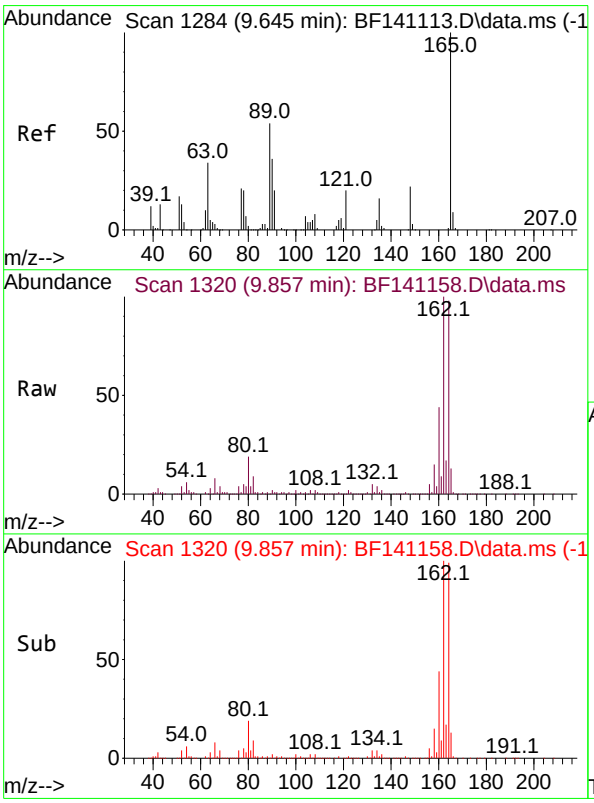
#49
Acenaphthylene
Concen: 5.163 ng
RT: 9.716 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025

Tgt Ion:152 Resp: 118963

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.4	11.1	16.7

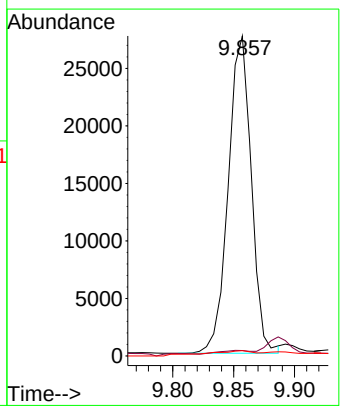


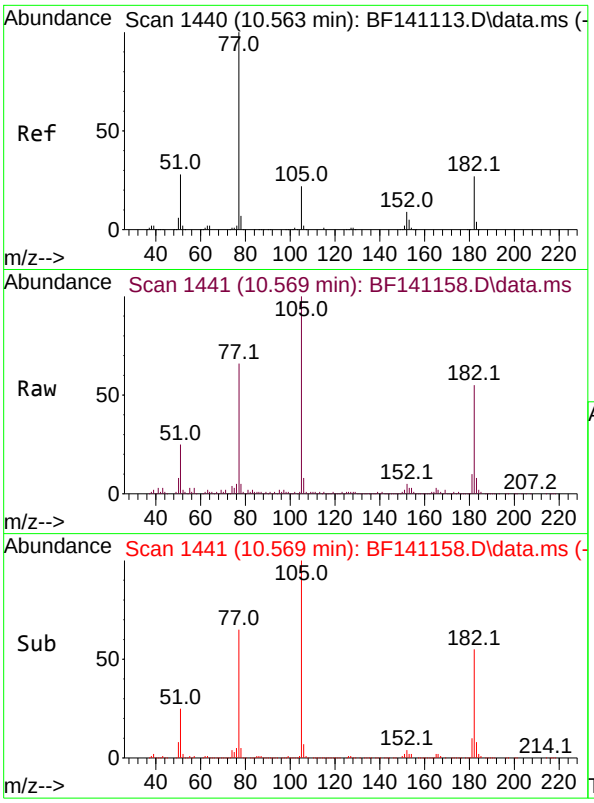


#51
2,6-Dinitrotoluene
Concen: 8.721 ng
RT: 9.857 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Tgt Ion:165 Resp: 36299

Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.3	63.5#
89	1.7	43.1	64.7#



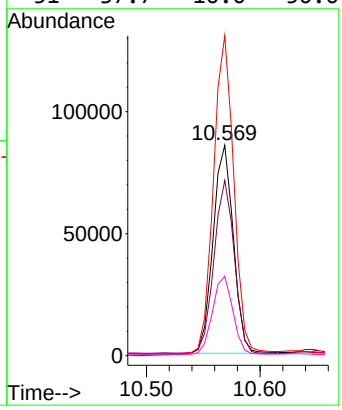


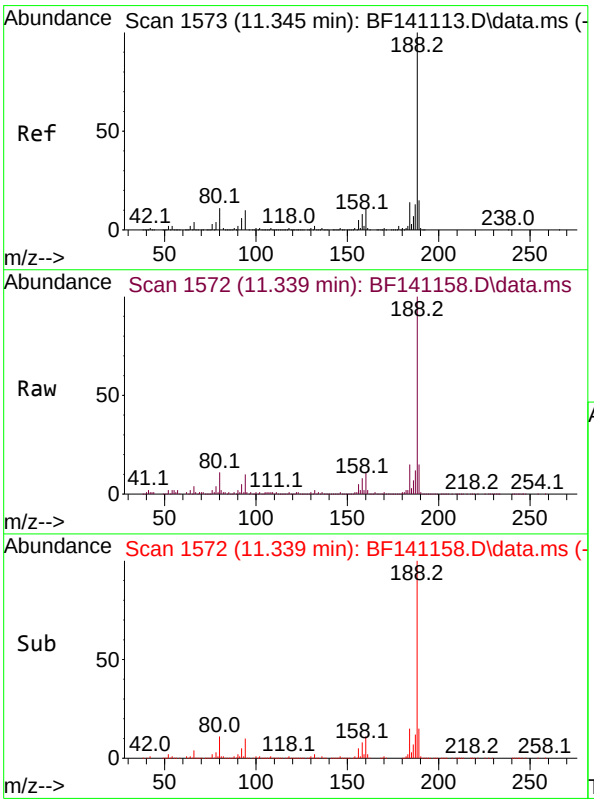
#63
Azobenzene
Concen: 6.132 ng
RT: 10.569 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025

Tgt Ion: 77 Resp: 105724

Ion	Ratio	Lower	Upper
77	100		
182	83.3	6.1	46.1#
105	152.1	2.1	42.1#
51	37.7	10.0	50.0

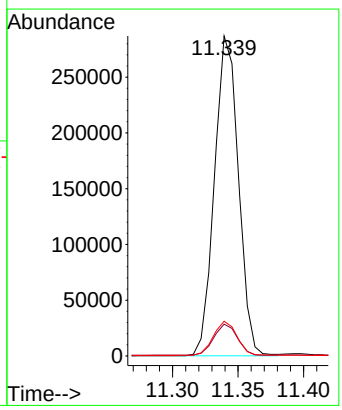


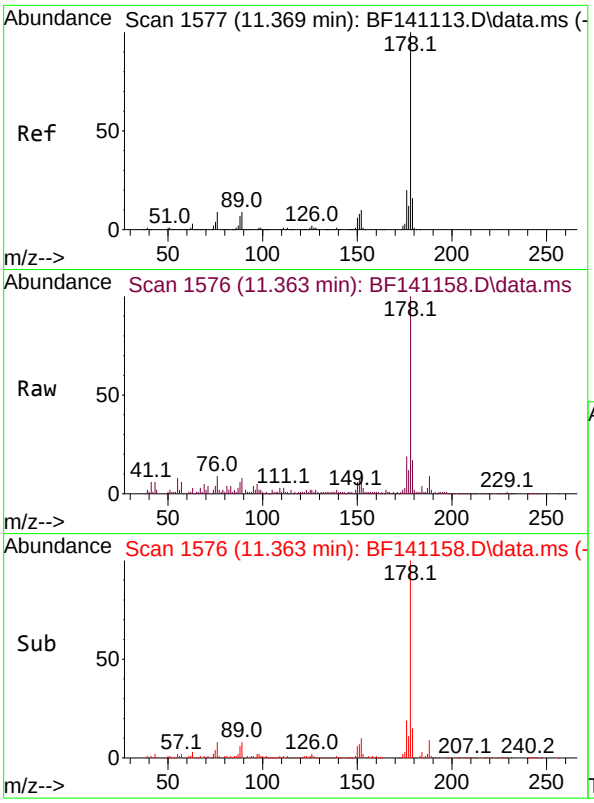


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Tgt Ion:188 Resp: 364404

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.3	12.5
80	10.9	9.0	13.4



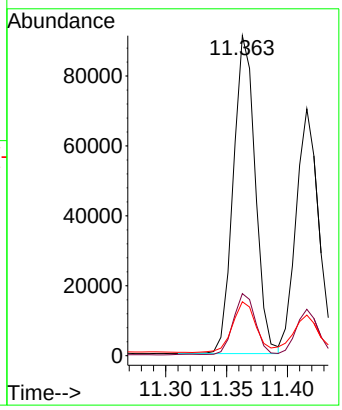


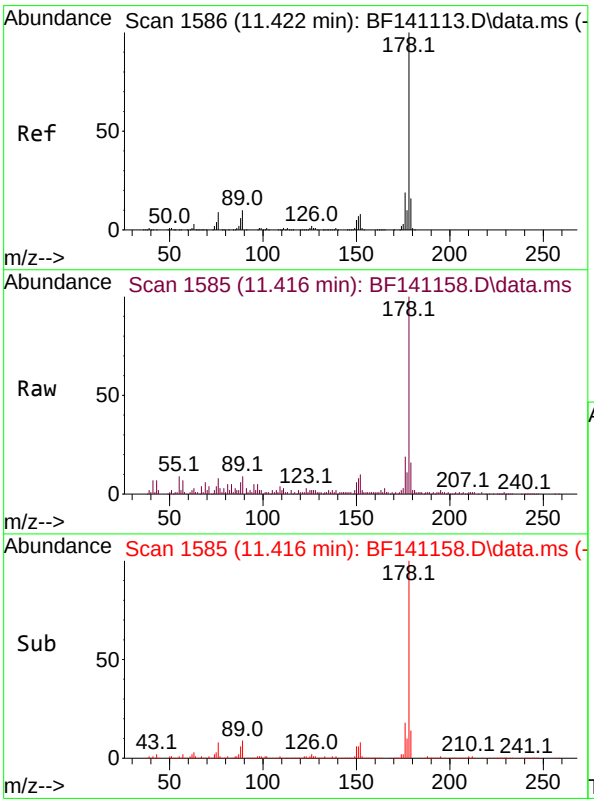
#71
Phenanthrene
Concen: 5.829 ng
RT: 11.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025

Tgt Ion:178 Resp: 114027

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	16.9	12.6	19.0

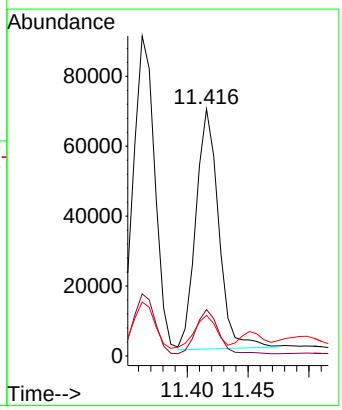


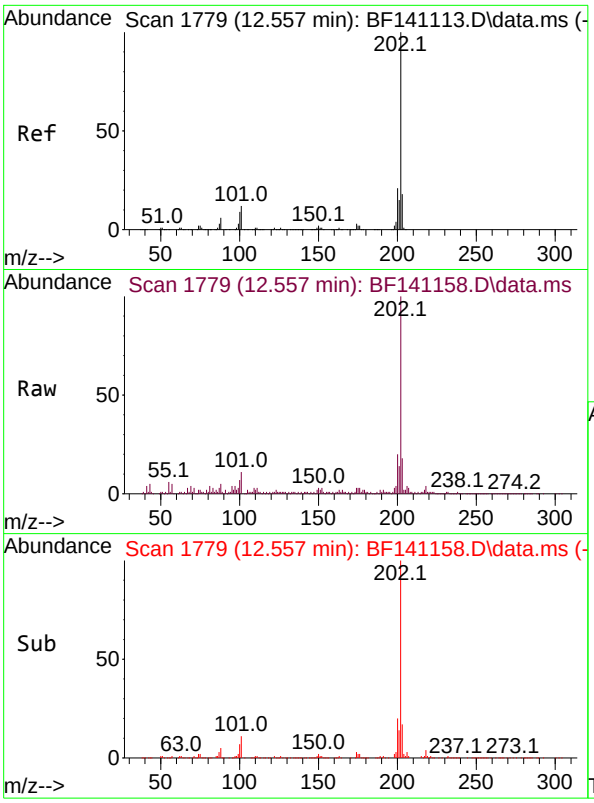


#72
Anthracene
Concen: 4.705 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Tgt Ion:178 Resp: 89504

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	16.5	12.6	19.0



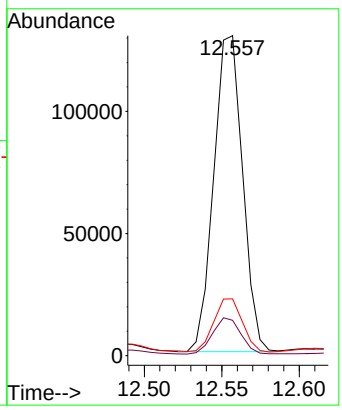


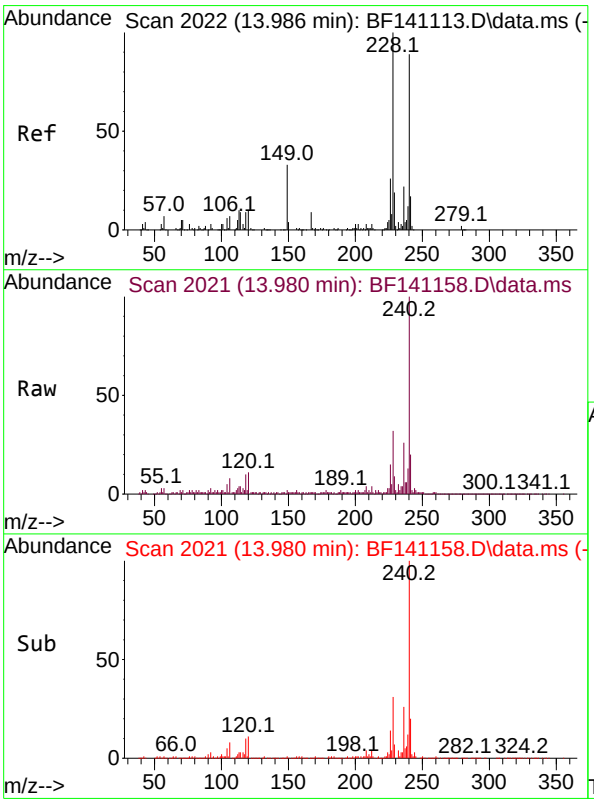
#75
Fluoranthene
Concen: 8.579 ng
RT: 12.557 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025

Tgt Ion:202 Resp: 167487

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	32.3
203	17.7	0.0	37.7

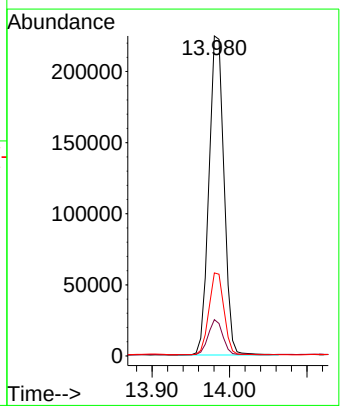


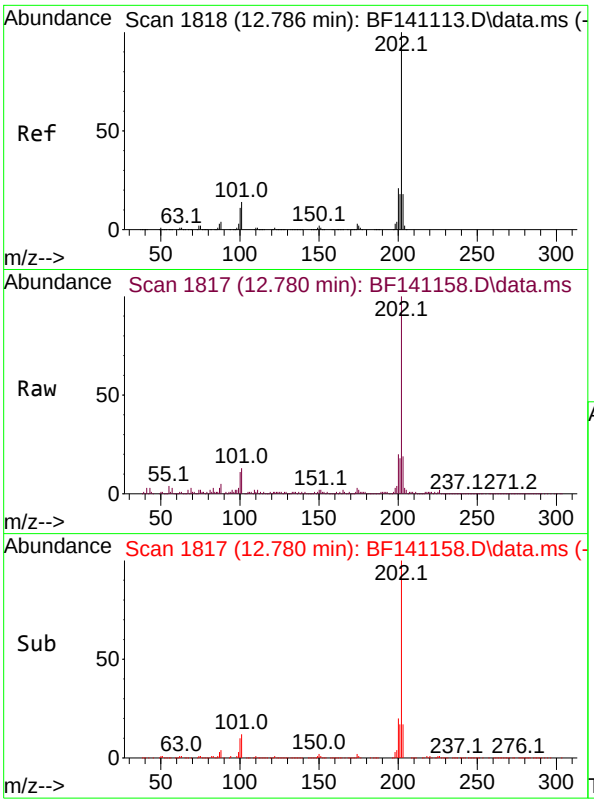


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Tgt Ion:240 Resp: 302951

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.1	13.7
236	26.0	19.8	29.6



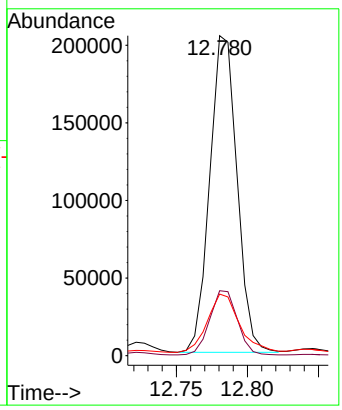


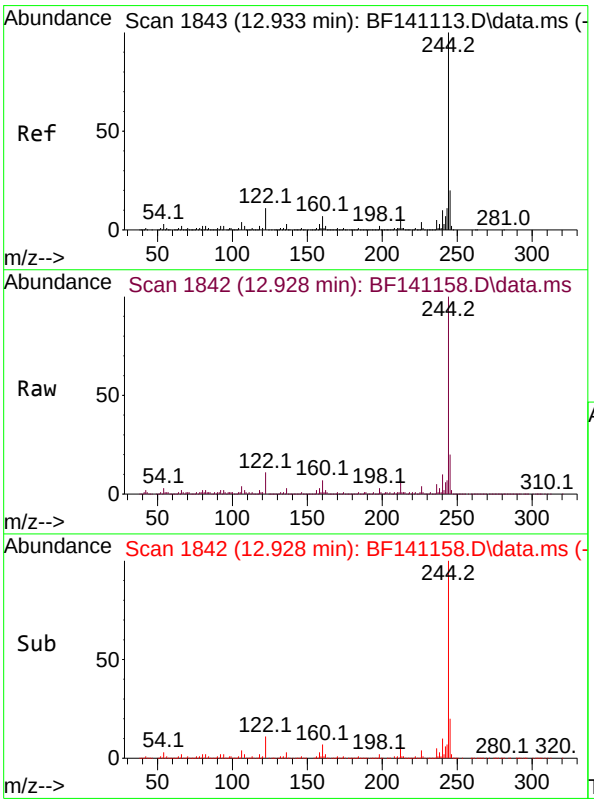
#78
Pyrene
Concen: 9.423 ng
RT: 12.780 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025

Tgt Ion:202 Resp: 272660

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.8	25.2
203	19.3	14.3	21.5

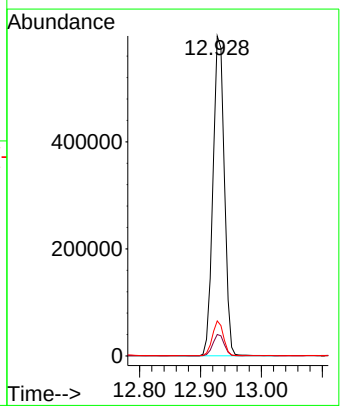


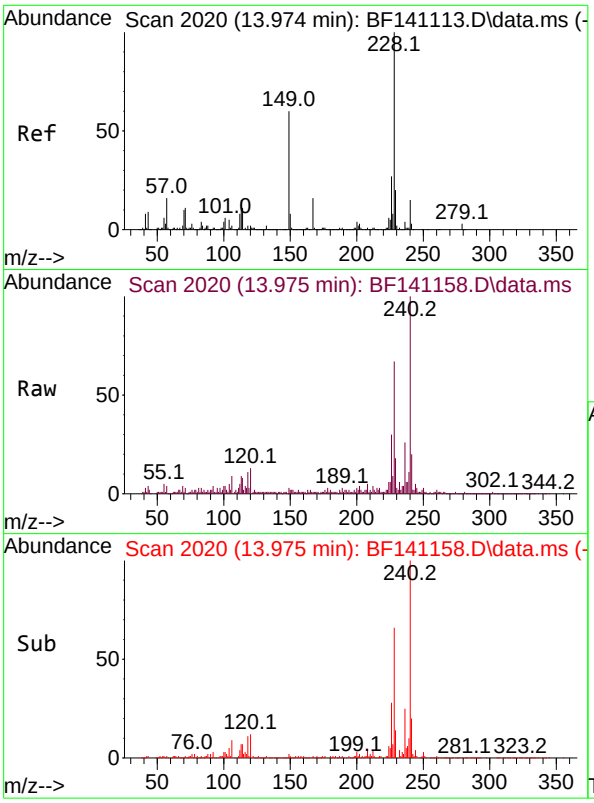


#79
Terphenyl-d14
Concen: 38.021 ng
RT: 12.928 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Tgt Ion:244 Resp: 774969

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	11.0	8.8	13.2



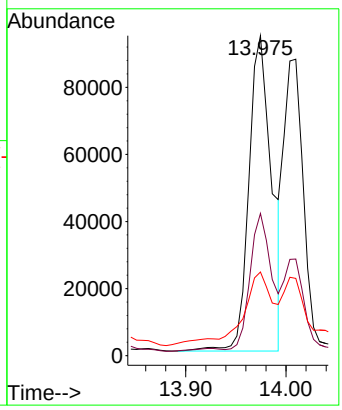


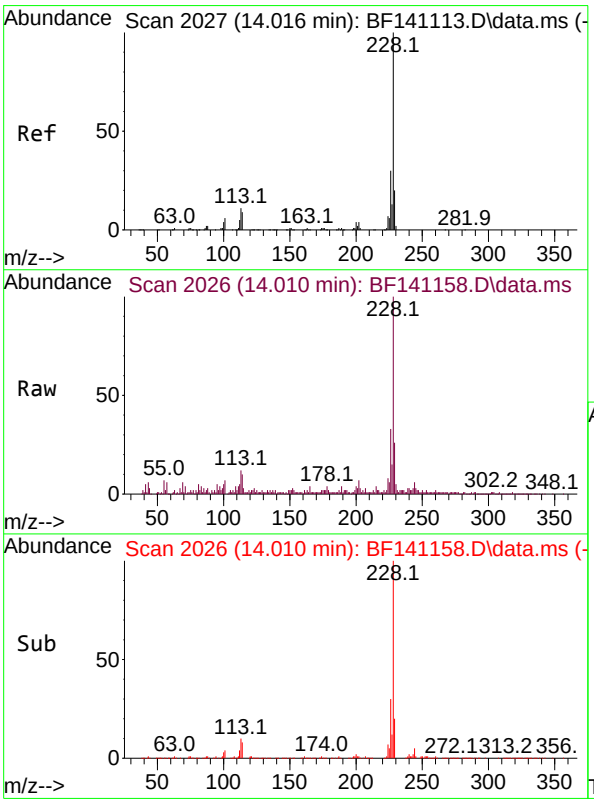
#81
Benzo(a)anthracene
Concen: 7.208 ng
RT: 13.975 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025

Tgt Ion:228 Resp: 148615

Ion	Ratio	Lower	Upper
228	100		
226	44.4	21.7	32.5#
229	26.2	15.7	23.5#

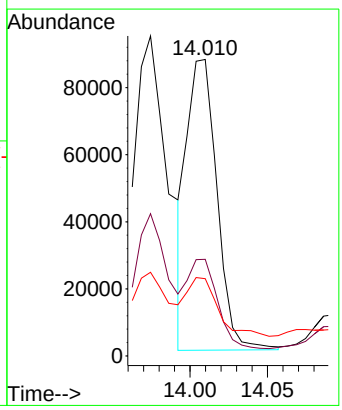


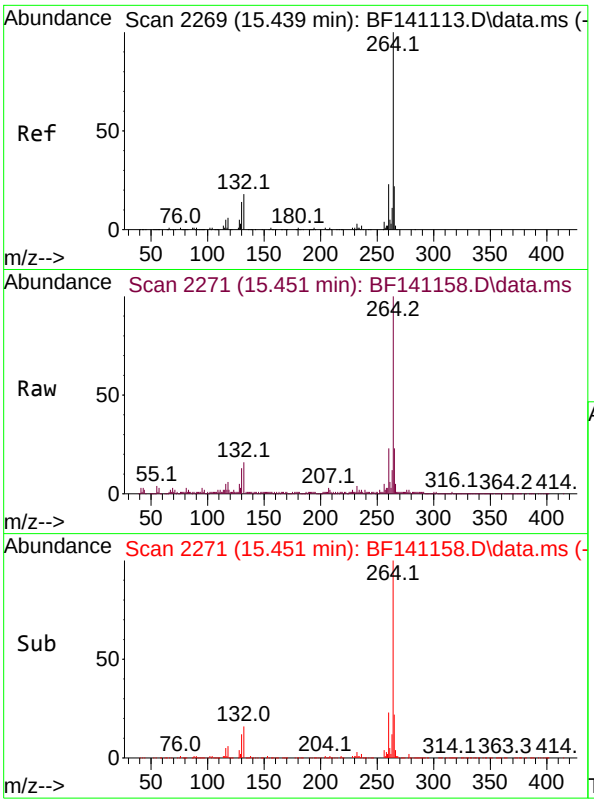


#83
Chrysene
Concen: 6.099 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Tgt Ion:228 Resp: 117661

Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.8	35.8
229	26.1	15.8	23.8#



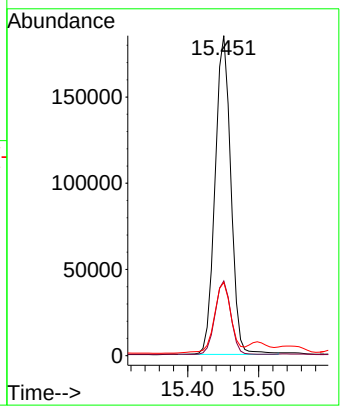


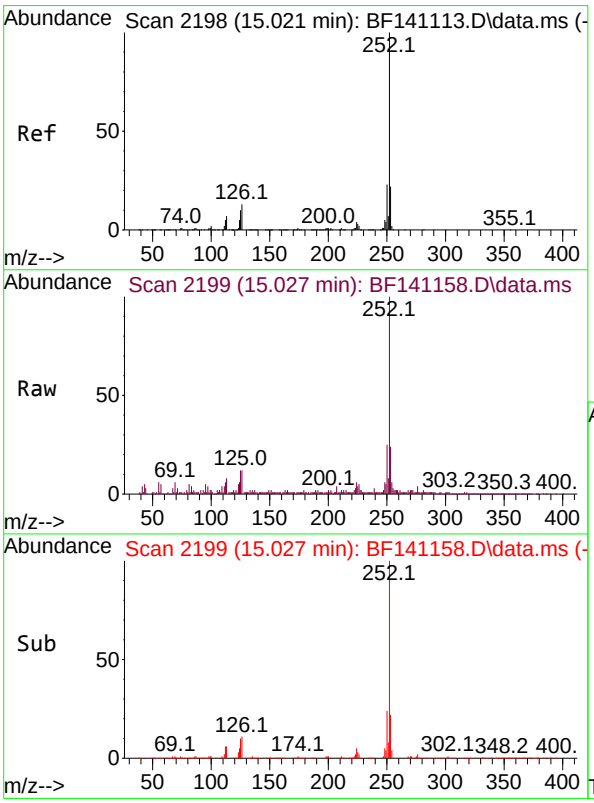
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025

Tgt Ion:264 Resp: 284291

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	22.9	17.4	26.0

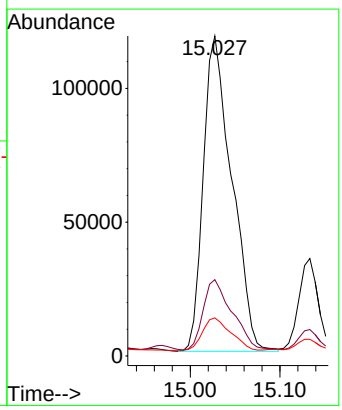


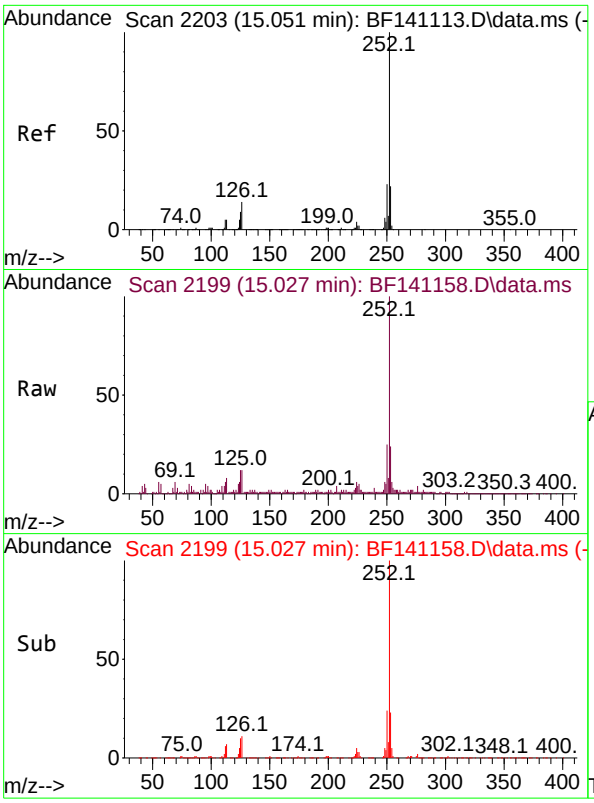


#88
Benzo(b)fluoranthene
Concen: 14.188 ng
RT: 15.027 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Tgt Ion:252 Resp: 260100

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	11.9	8.1	12.1



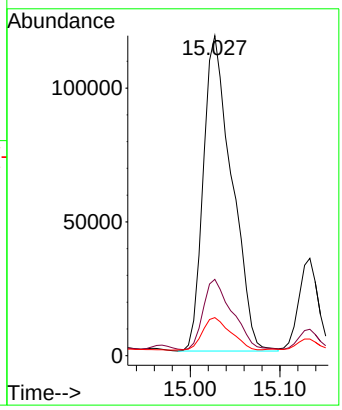


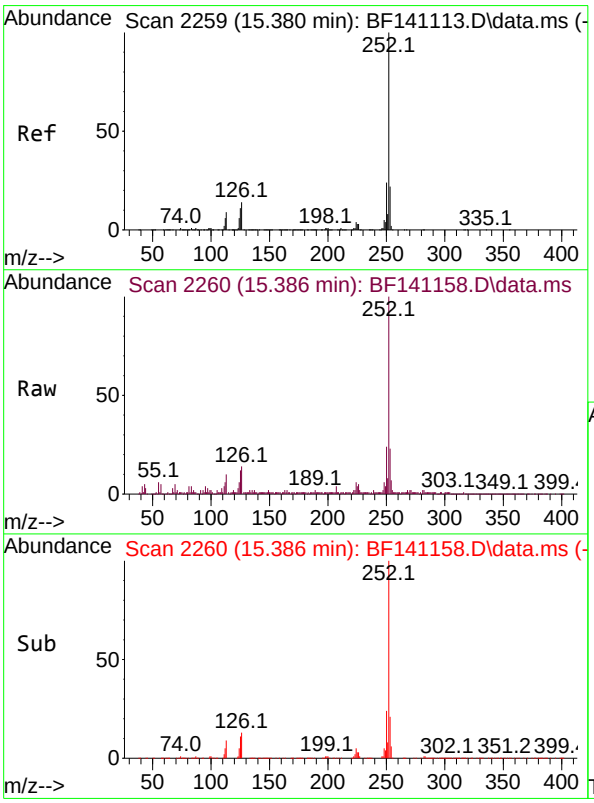
#89
Benzo(k)fluoranthene
Concen: 16.789 ng
RT: 15.027 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025

Tgt Ion:252 Resp: 260100

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	11.9	7.9	11.9#

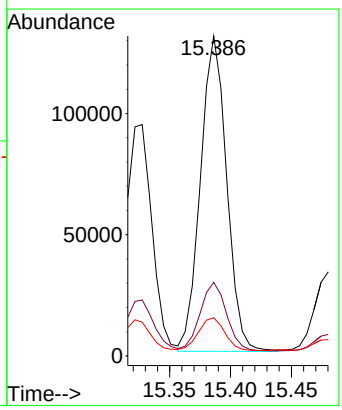


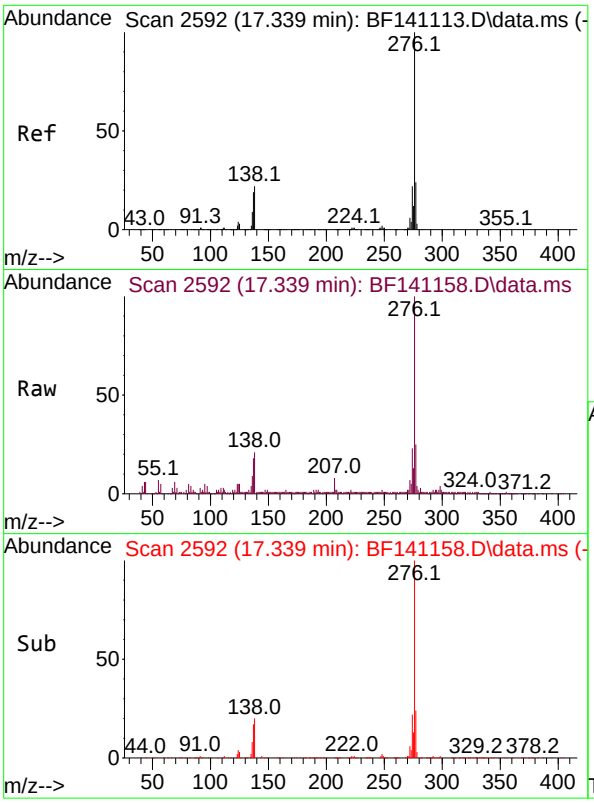


#90
Benzo(a)pyrene
Concen: 12.867 ng
RT: 15.386 min Scan# 2260
Delta R.T. 0.006 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Tgt Ion:252 Resp: 194605

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	12.0	9.1	13.7





#92
Benzo(g,h,i)perylene
Concen: 8.887 ng
RT: 17.339 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141158.D
Acq: 14 Jan 2025 20:49

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025

Tgt Ion:276 Resp: 155718

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.4
138	20.9	17.4	26.2