Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141161.D
Acq On : 14 Jan 2025 22:08
Operator : RC/JU
Sample : Q1077-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

Quant Time: Jan 15 00:15:52 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	6.822	152	136233	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	489318	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	219550	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	321559	20.000	ng	0.00
76) Chrysene-d12	13.986	240	288360	20.000	ng	0.00
86) Perylene-d12	15.445	264	233396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	693407	78.628	ng	0.00
7) Phenol-d6	6.440	99	835019	74.750	ng	0.00
23) Nitrobenzene-d5	7.381	82	516575	55.961	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	167544	66.974	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	843075	58.639	ng	0.00
79) Terphenyl-d14	12.933	244	804786	41.481	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	74065	11.255	ng	# 75
25) Isophorone	7.381	82	509129	32.274	ng	# 66
31) Naphthalene	8.122	128	694409	26.910	ng	100
33) 4-Chloroaniline	8.122	127	101272	11.348	ng	# 36
37) 2-Methylnaphthalene	8.816	142	506408	30.797	ng	100
38) 1-Methylnaphthalene	8.916	142	423230	26.116	ng	100
46) 1,1'-Biphenyl	9.281	154	112729	6.612	ng	98
49) Acenaphthylene	9.716	152	127871	6.740	ng	# 92
52) Acenaphthene	9.892	154	211122	15.927	ng	98
55) Dibenzofuran	10.063	168	77910	4.321	ng	# 86
56) 4-Nitrophenol	9.963	139	7290	2.672	ng	# 56
58) Fluorene	10.404	166	130067	9.285	ng	# 96
63) Azobenzene	10.569	77	38113	2.684	ng	# 1
66) n-Nitrosodiphenylamine	10.516	169	38518	3.714	ng	# 61
71) Phenanthrene	11.369	178	1096457	63.513	ng	100
72) Anthracene	11.422	178	314550	18.739	ng	99
75) Fluoranthene	12.557	202	561009	32.565	ng	98
78) Pyrene	12.786	202	836049	30.355	ng	98
81) Benzo(a)anthracene	13.974	228	280465	14.292	ng	# 89
83) Chrysene	14.010	228	252080	13.728	ng	# 93
88) Benzo(b)fluoranthene	15.027	252	293328	19.490	ng	# 96
89) Benzo(k)fluoranthene	15.027	252	293328	23.063	ng	# 96
90) Benzo(a)pyrene	15.386	252	229685	18.497	ng	98
92) Benzo(g,h,i)perylene	17.339	276	124689	8.668	ng	99

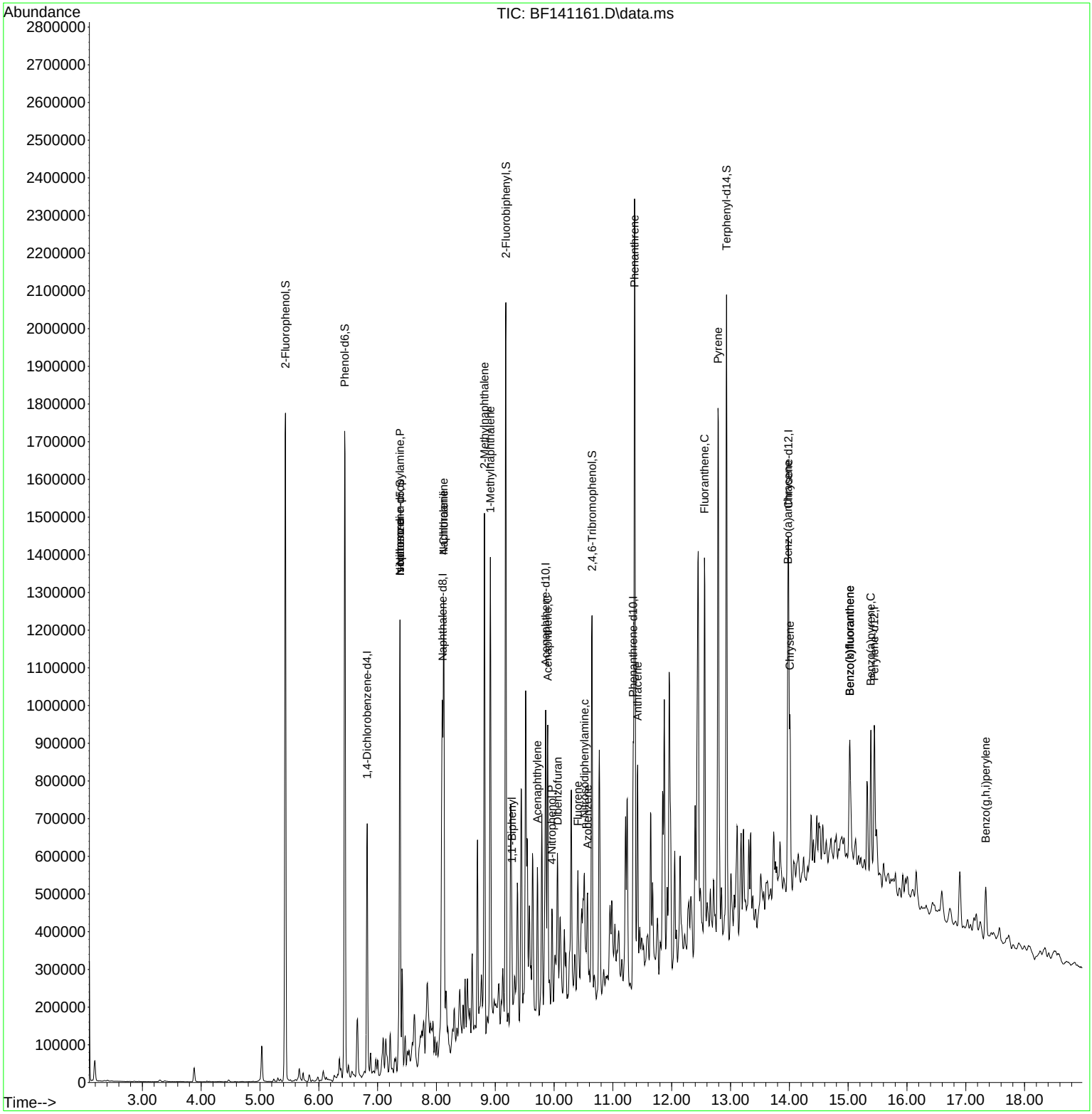
(#) = qualifier out of range (m) = manual integration (+) = signals summed

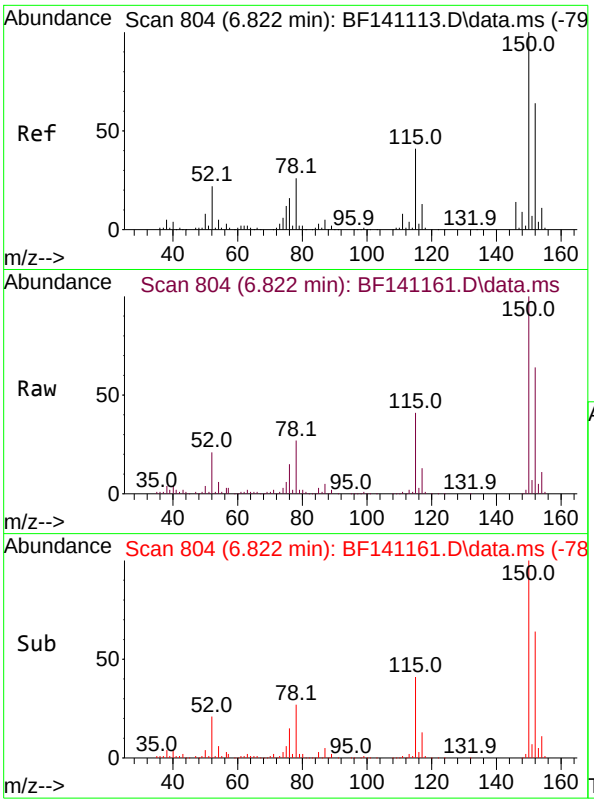
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141161.D
Acq On : 14 Jan 2025 22:08
Operator : RC/JU
Sample : Q1077-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

Quant Time: Jan 15 00:15:52 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



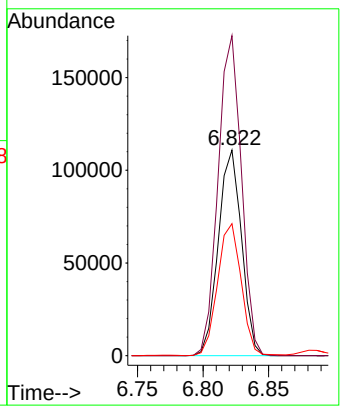


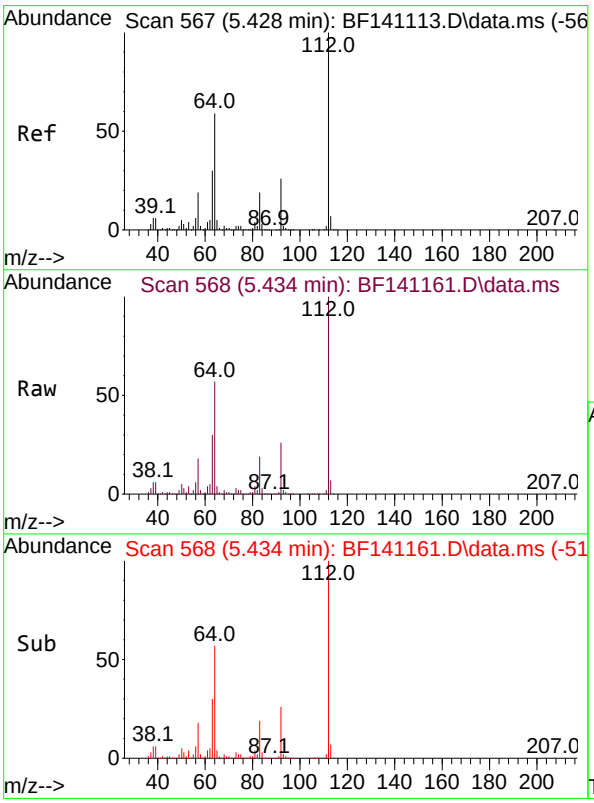
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

Tgt Ion:152 Resp: 136233

Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.8	188.8
115	64.3	51.4	77.2

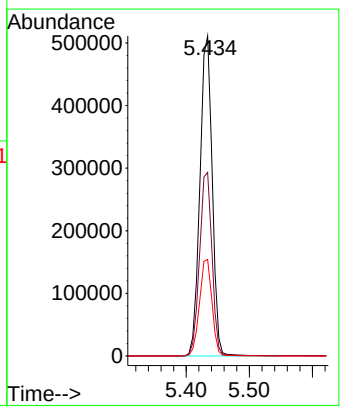


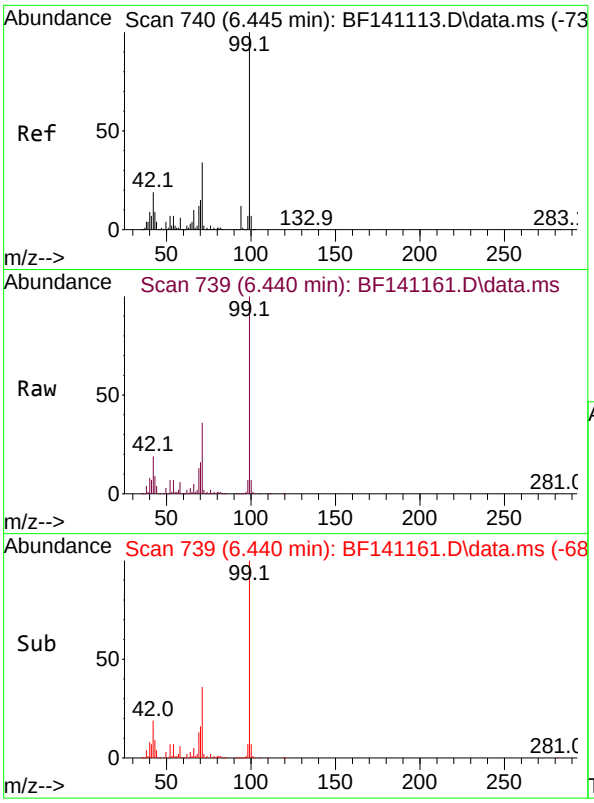


#5
2-Fluorophenol
Concen: 78.628 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Tgt Ion:112 Resp: 693407

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.3	70.9
63	30.1	24.2	36.2



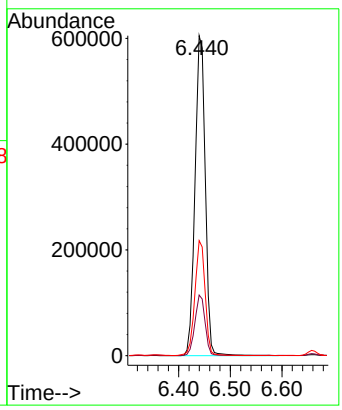


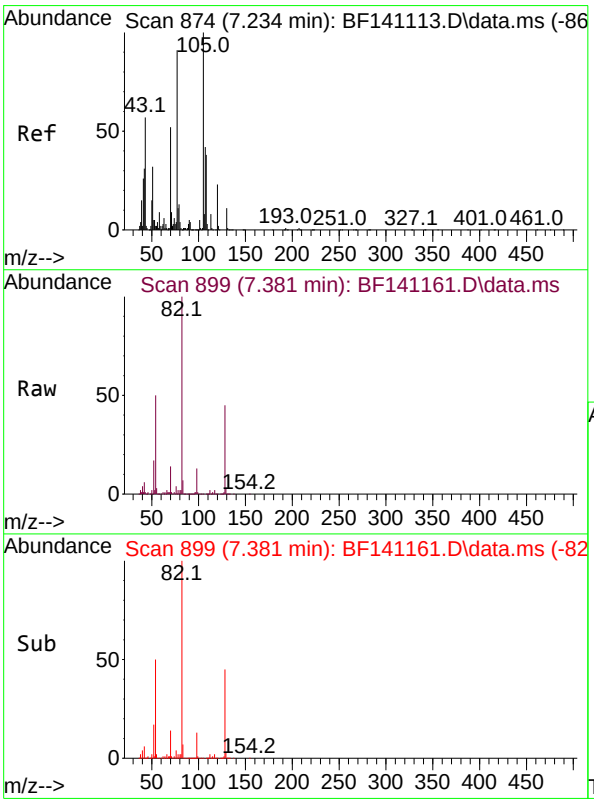
#7
Phenol-d6
Concen: 74.750 ng
RT: 6.440 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

Tgt Ion: 99 Resp: 835019

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.0	22.4
71	36.0	27.6	41.4

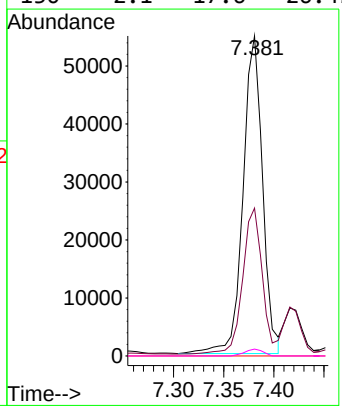


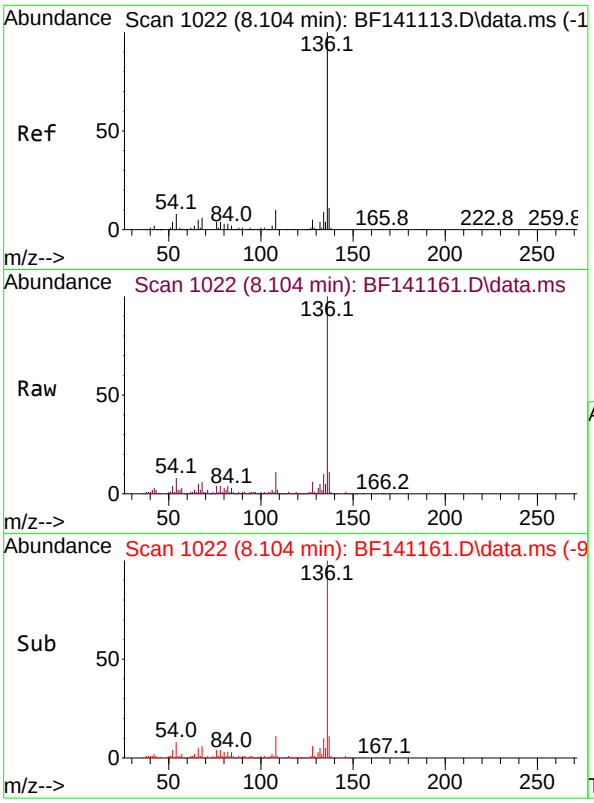


#19
n-Nitroso-di-n-propylamine
Concen: 11.255 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Tgt Ion: 70 Resp: 74065

Ion	Ratio	Lower	Upper
70	100		
42	46.2	47.8	71.6#
101	0.0	7.9	11.9#
130	2.1	17.6	26.4#



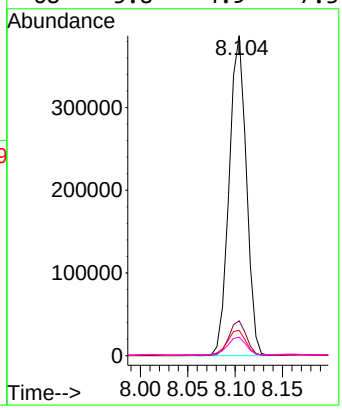


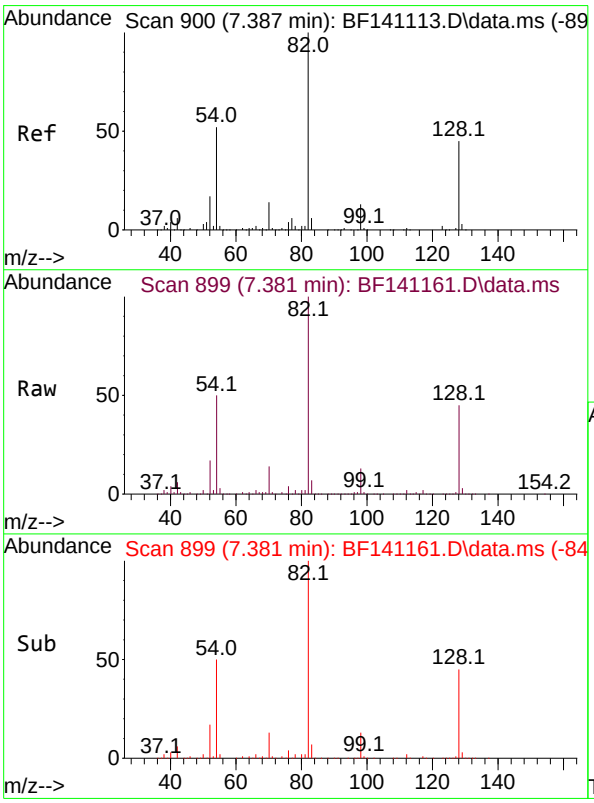
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

Tgt Ion:136 Resp: 489318

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.9	6.3	9.5
68	5.8	4.9	7.3

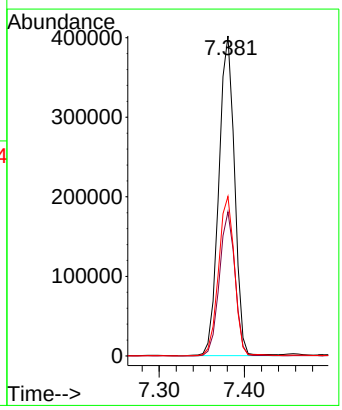


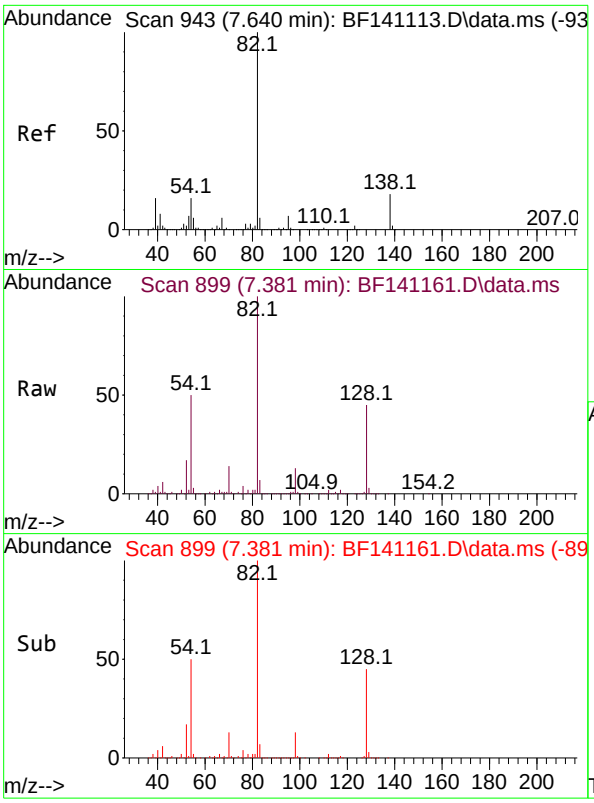


#23
Nitrobenzene-d5
Concen: 55.961 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Tgt Ion: 82 Resp: 516575

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	49.8	41.0	61.4



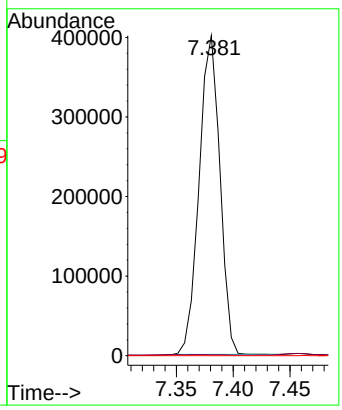


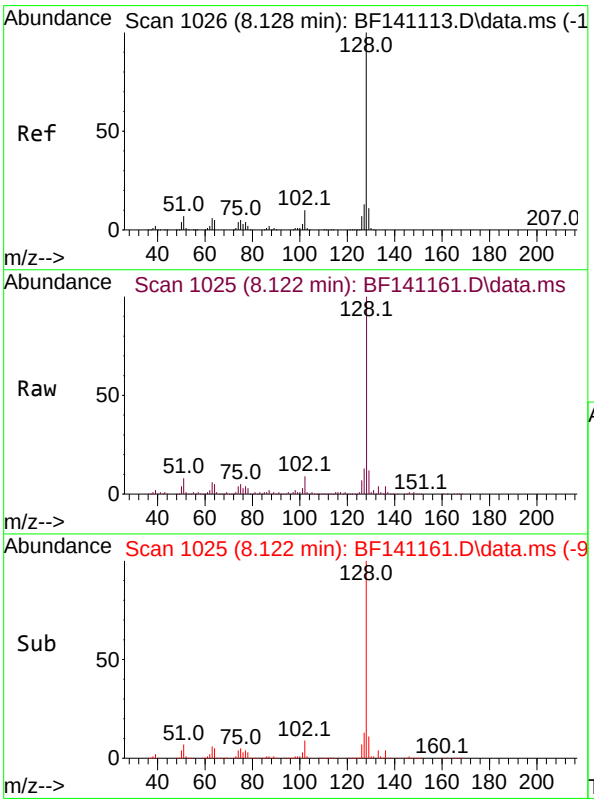
#25
Isophorone
Concen: 32.274 ng
RT: 7.381 min Scan# 8
Delta R.T. -0.259 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

Tgt Ion: 82 Resp: 509129

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.9	8.9#
138	0.0	14.2	21.2#

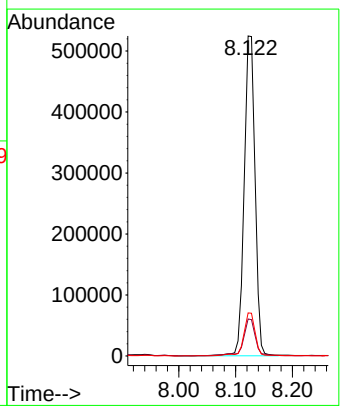


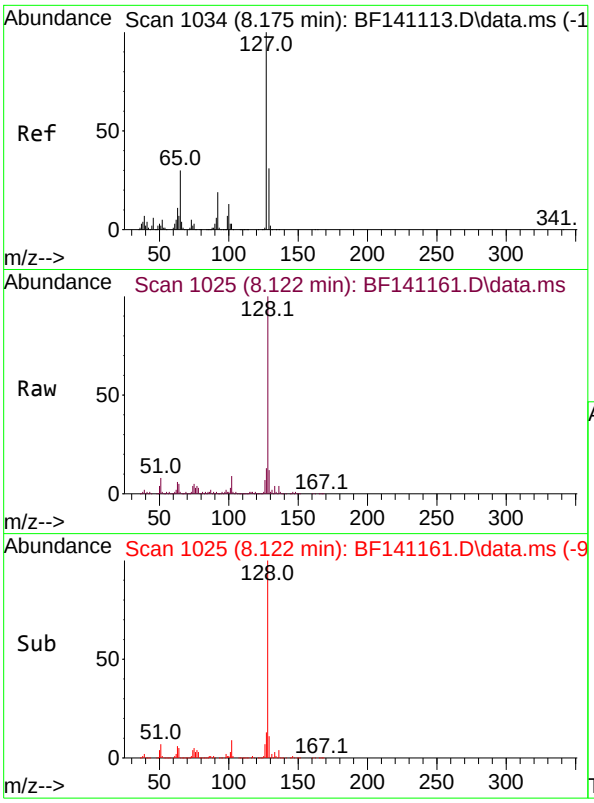


#31
Naphthalene
Concen: 26.910 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Tgt Ion:128 Resp: 694409

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.4	10.8	16.2



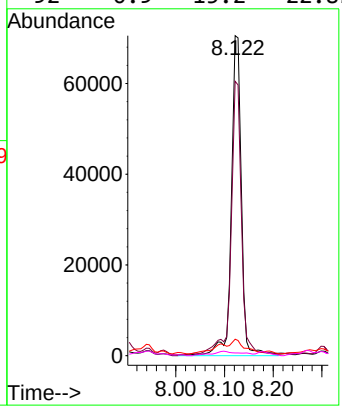


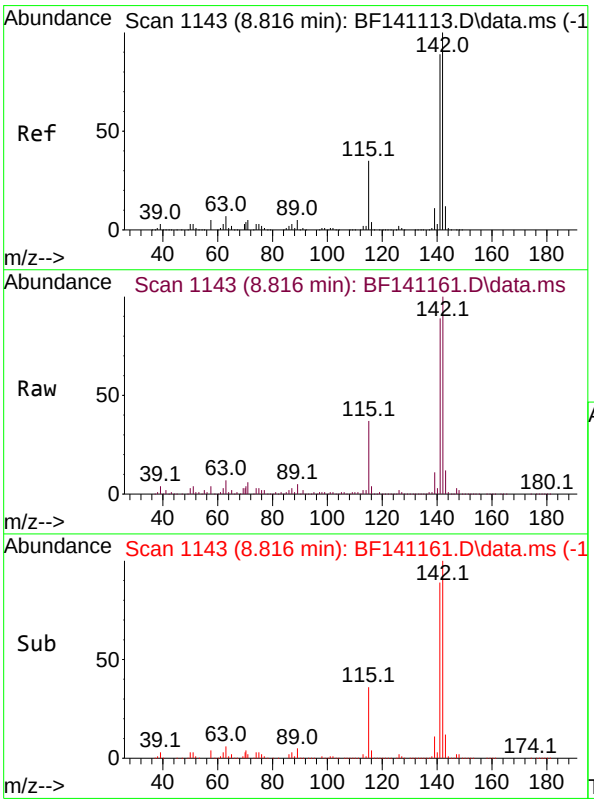
#33
4-Chloroaniline
Concen: 11.348 ng
RT: 8.122 min Scan# 1
Delta R.T. -0.053 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

Tgt Ion:127 Resp: 101272

Ion	Ratio	Lower	Upper
127	100		
129	85.8	25.9	38.9#
65	5.1	23.8	35.8#
92	0.9	15.2	22.8#

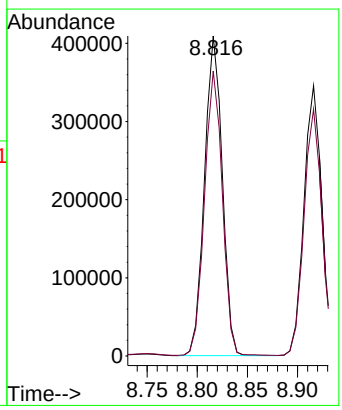


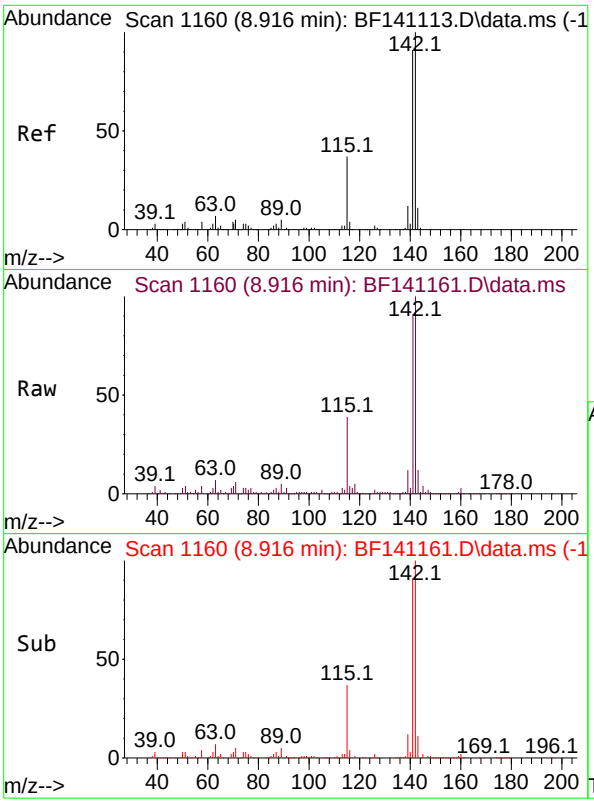


#37
2-Methylnaphthalene
Concen: 30.797 ng
RT: 8.816 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Tgt Ion:142 Resp: 506408

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9



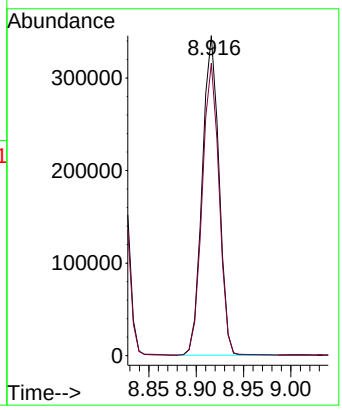


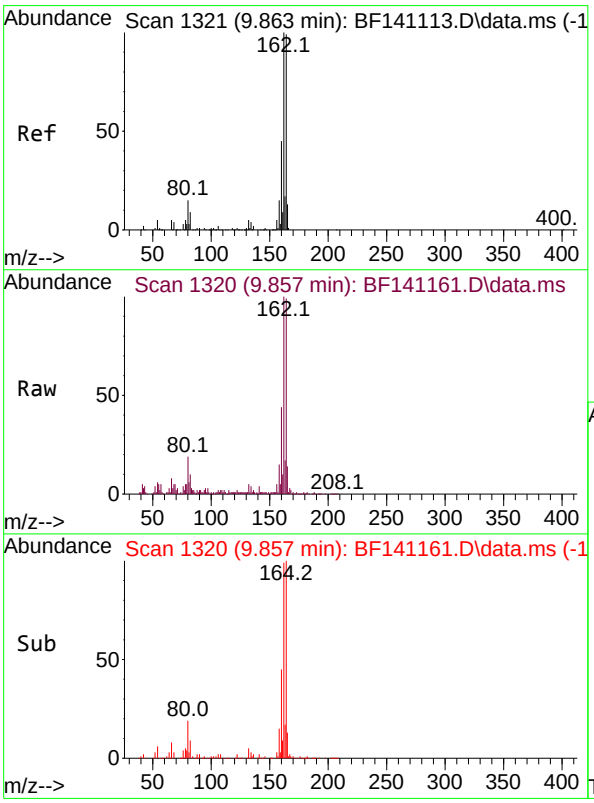
#38
1-Methylnaphthalene
Concen: 26.116 ng
RT: 8.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

Tgt Ion:142 Resp: 423230

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.1	109.7

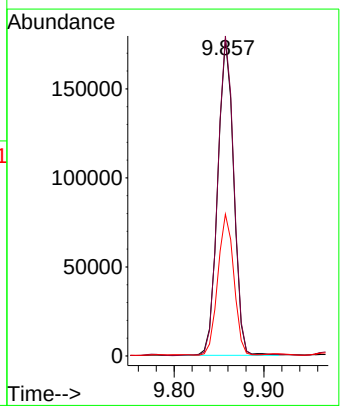


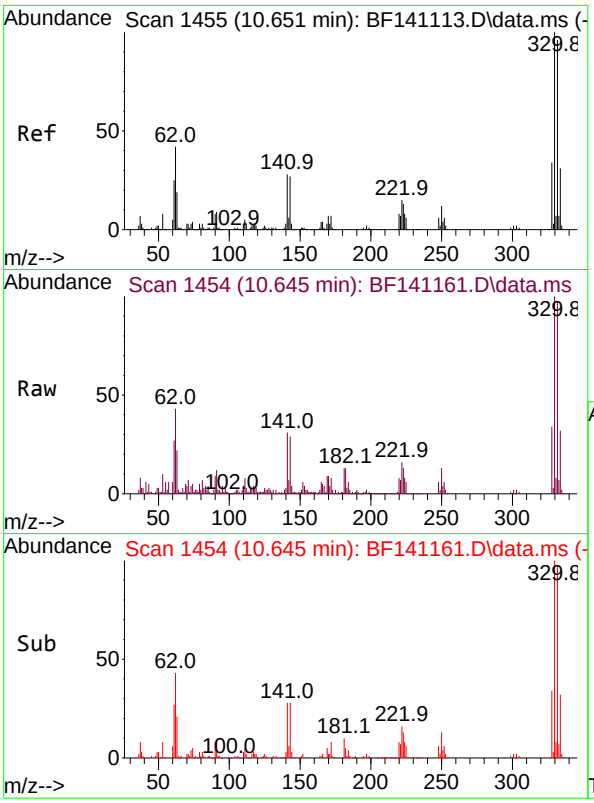


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Tgt Ion:164 Resp: 219550

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.0	121.4
160	44.8	36.1	54.1



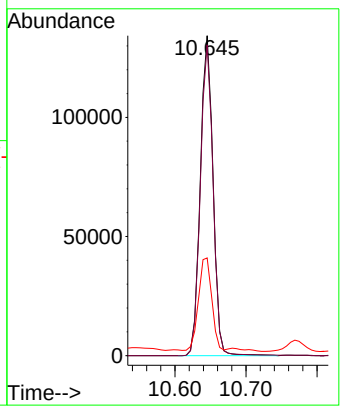


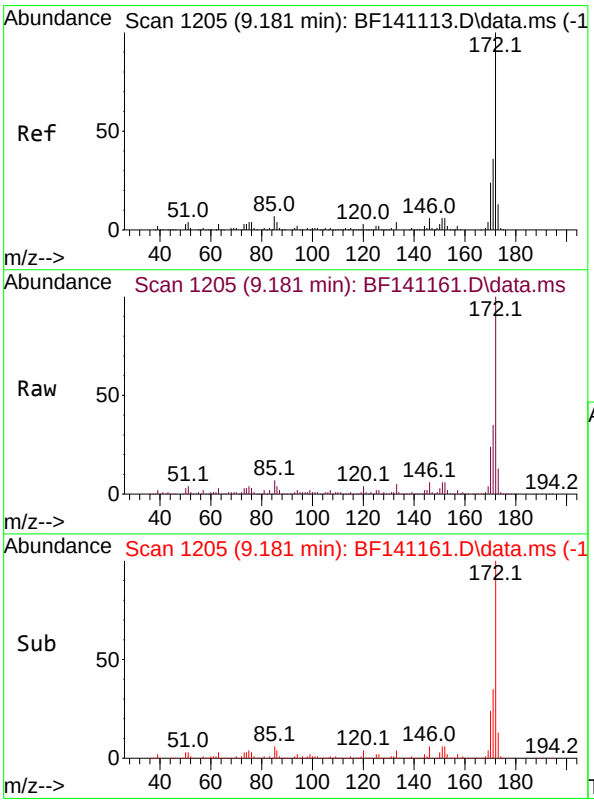
#42
2,4,6-Tribromophenol
Concen: 66.974 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

Tgt Ion:330 Resp: 167544

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.9	115.3
141	30.0	25.2	37.8

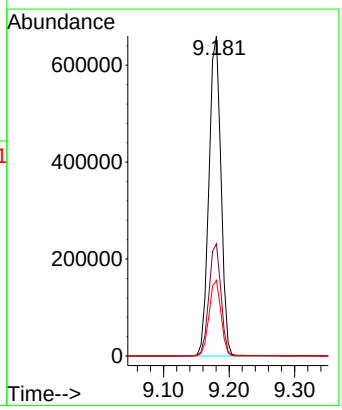


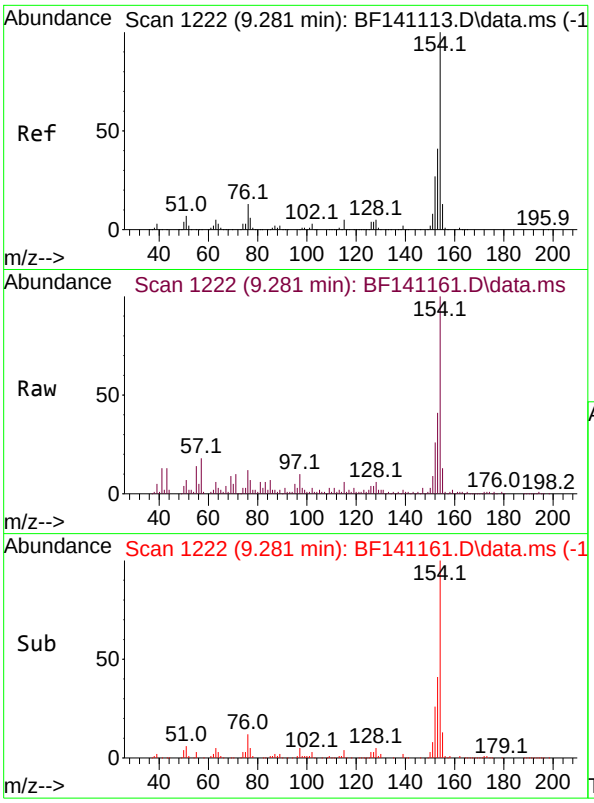


#45
2-Fluorobiphenyl
Concen: 58.639 ng
RT: 9.181 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Tgt Ion:172 Resp: 843075

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	23.7	19.0	28.6



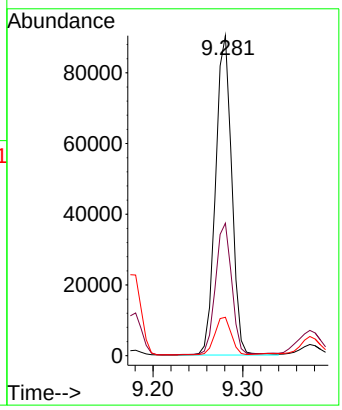


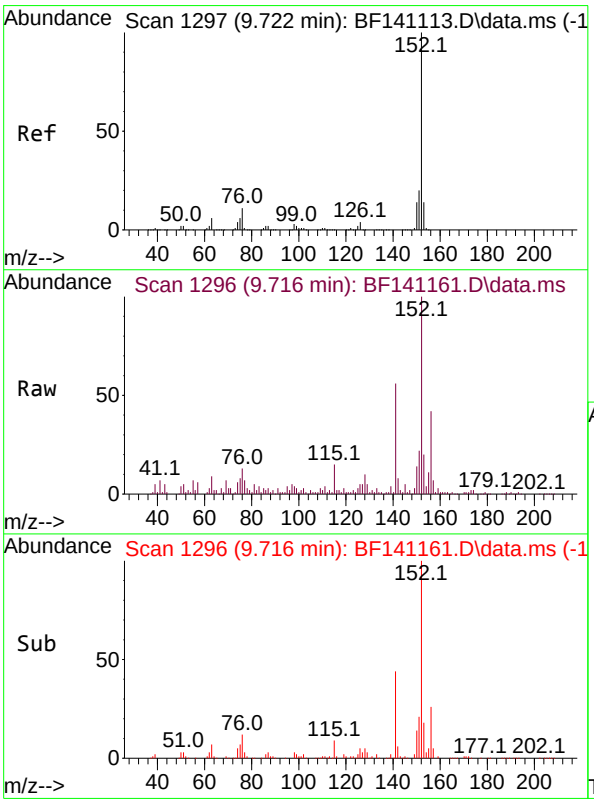
#46
1,1'-Biphenyl
Concen: 6.612 ng
RT: 9.281 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

Tgt Ion:154 Resp: 112729

Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.7	60.7
76	12.0	0.0	33.1

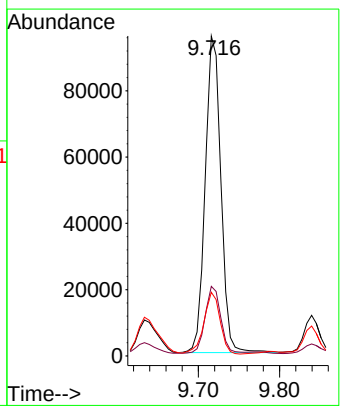


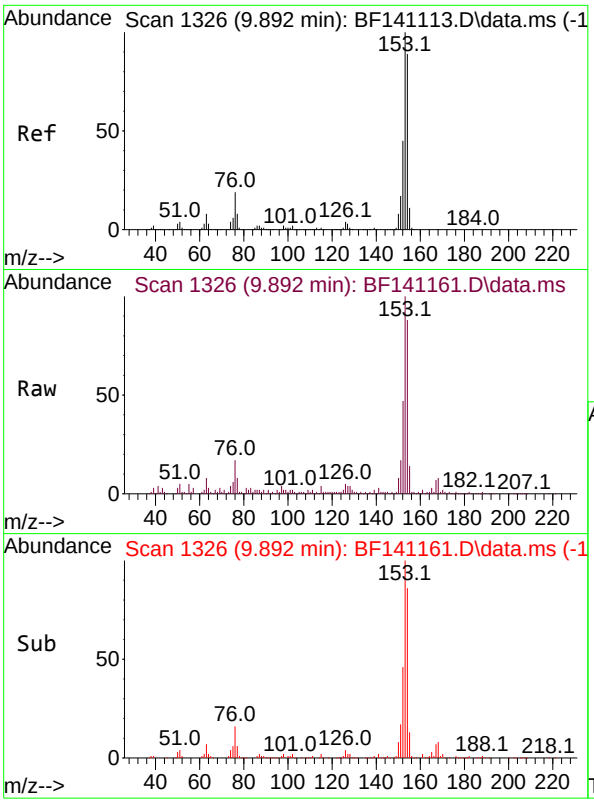


#49
Acenaphthylene
Concen: 6.740 ng
RT: 9.716 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Tgt Ion:152 Resp: 127871

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.1	24.1
153	19.9	11.1	16.7#



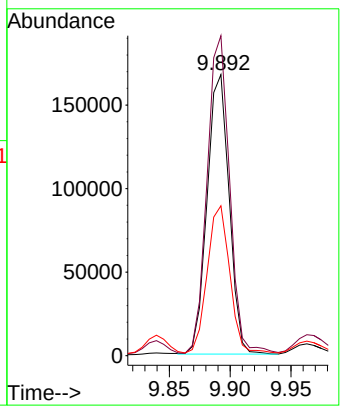


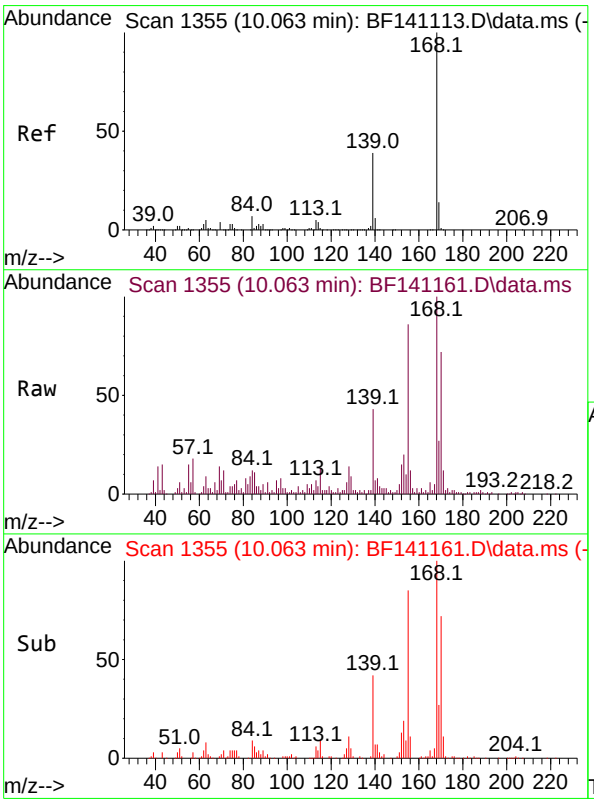
#52
Acenaphthene
Concen: 15.927 ng
RT: 9.892 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

Tgt Ion:154 Resp: 211122

Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.8	134.6
152	53.3	40.8	61.2

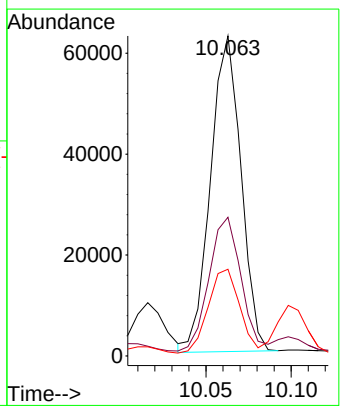


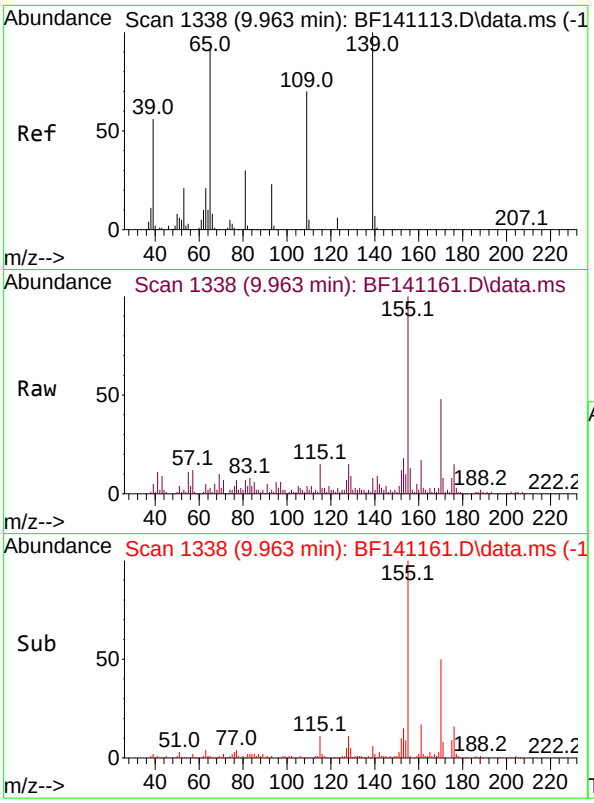


#55
Dibenzofuran
Concen: 4.321 ng
RT: 10.063 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Tgt Ion:168 Resp: 77910

Ion	Ratio	Lower	Upper
168	100		
139	43.3	31.4	47.0
169	27.1	10.9	16.3#



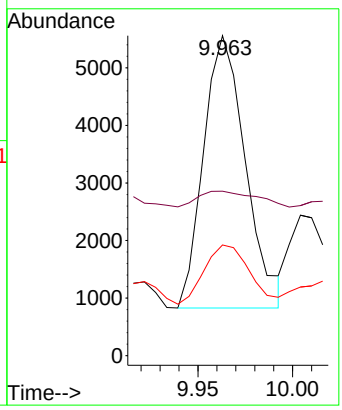


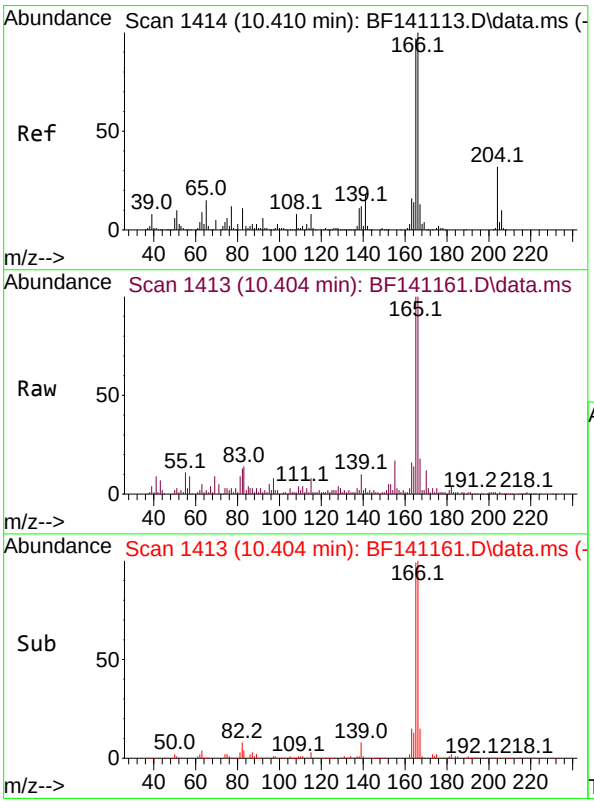
#56
4-Nitrophenol
Concen: 2.672 ng
RT: 9.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

Tgt Ion:139 Resp: 7290

Ion	Ratio	Lower	Upper
139	100		
109	51.4	50.2	90.2
65	34.6	72.1	112.1#

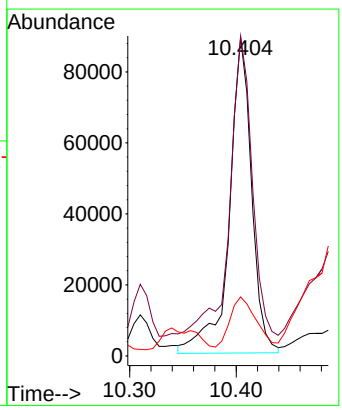


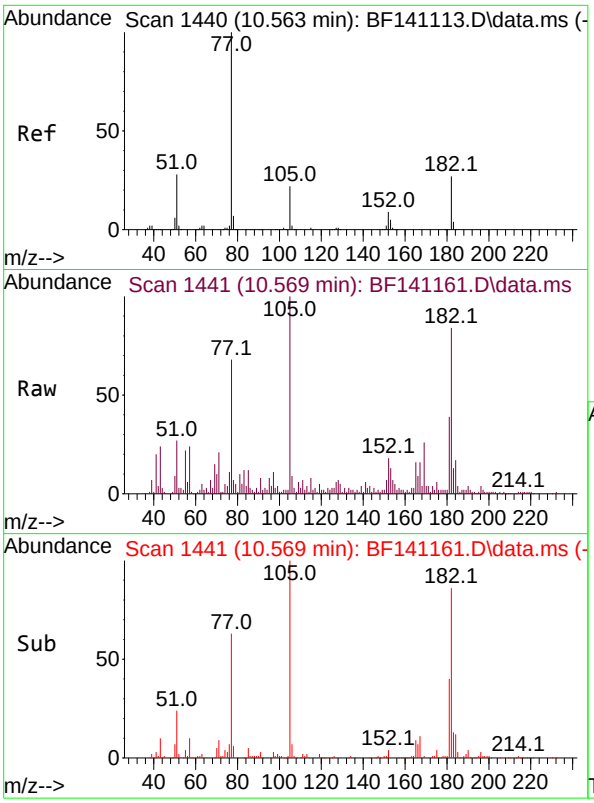


#58
Fluorene
Concen: 9.285 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Tgt Ion:166 Resp: 130067

Ion	Ratio	Lower	Upper
166	100		
165	100.5	77.8	116.8
167	18.5	10.8	16.2#



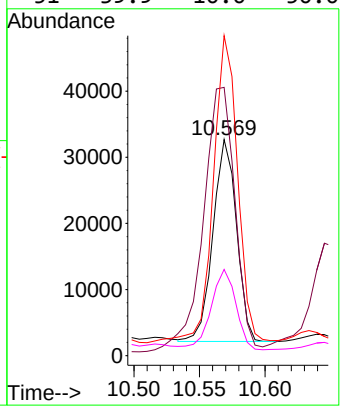


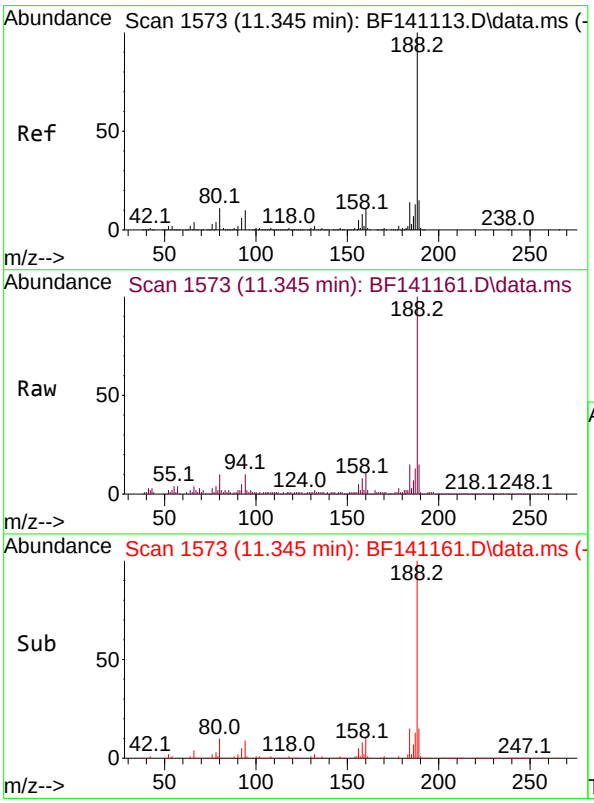
#63
Azobenzene
Concen: 2.684 ng
RT: 10.569 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

Tgt Ion: 77 Resp: 38113

Ion	Ratio	Lower	Upper
77	100		
182	124.1	6.1	46.1#
105	148.0	2.1	42.1#
51	39.9	10.0	50.0

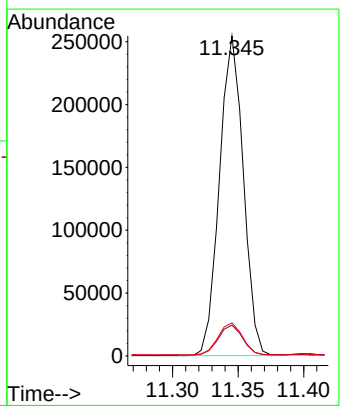


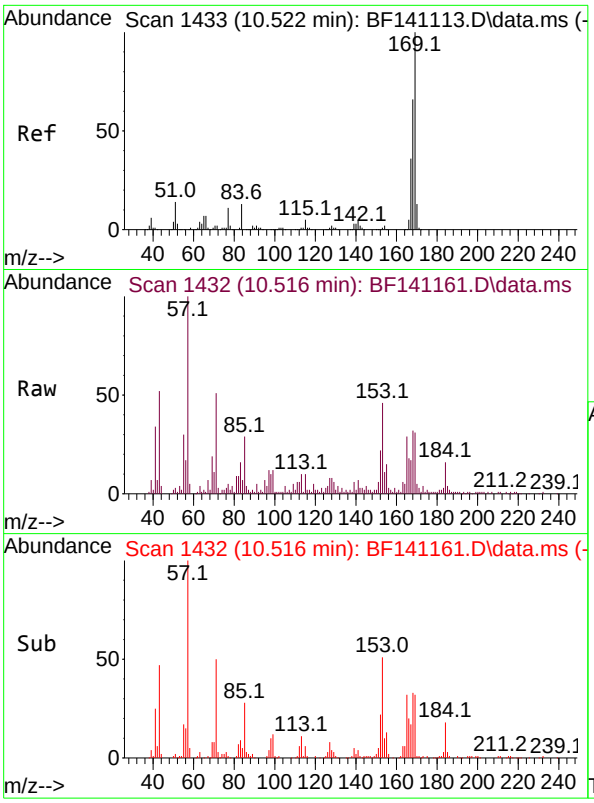


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Tgt Ion:188 Resp: 321559

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.3	12.5
80	10.4	9.0	13.4



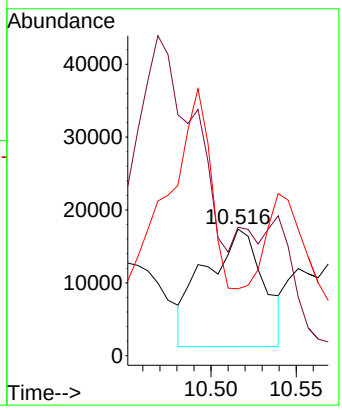


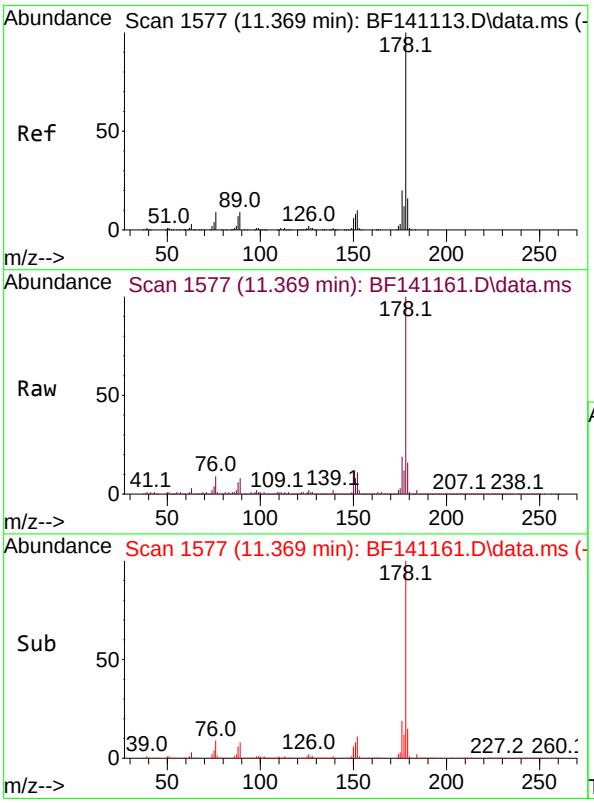
#66
n-Nitrosodiphenylamine
Concen: 3.714 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

Tgt Ion:169 Resp: 38518

Ion	Ratio	Lower	Upper
169	100		
168	101.5	52.5	78.7#
167	52.9	28.9	43.3#

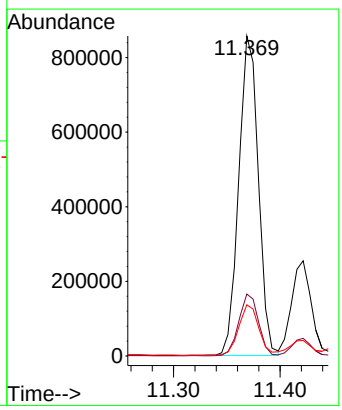


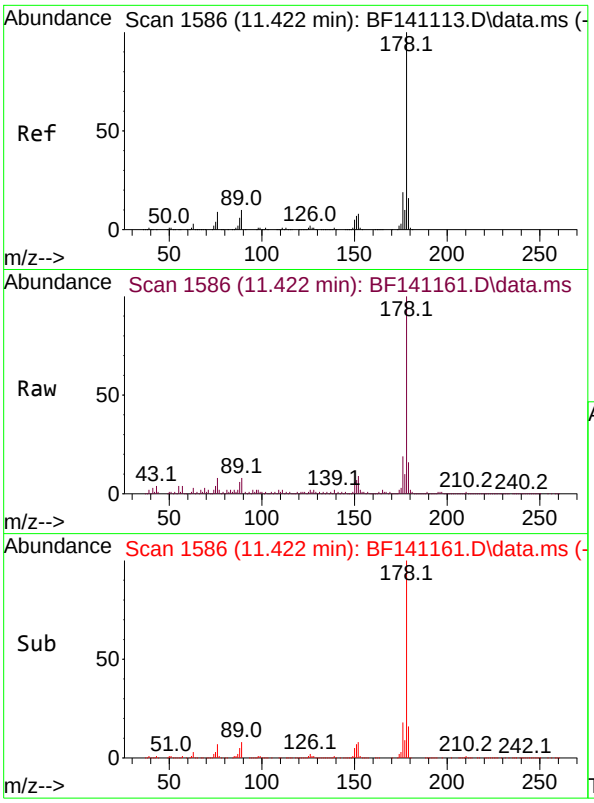


#71
Phenanthrene
Concen: 63.513 ng
RT: 11.369 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Tgt Ion:178 Resp: 1096457

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	16.0	12.6	19.0



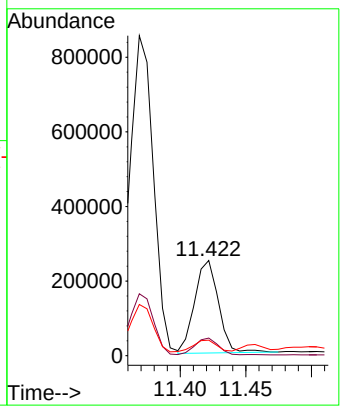


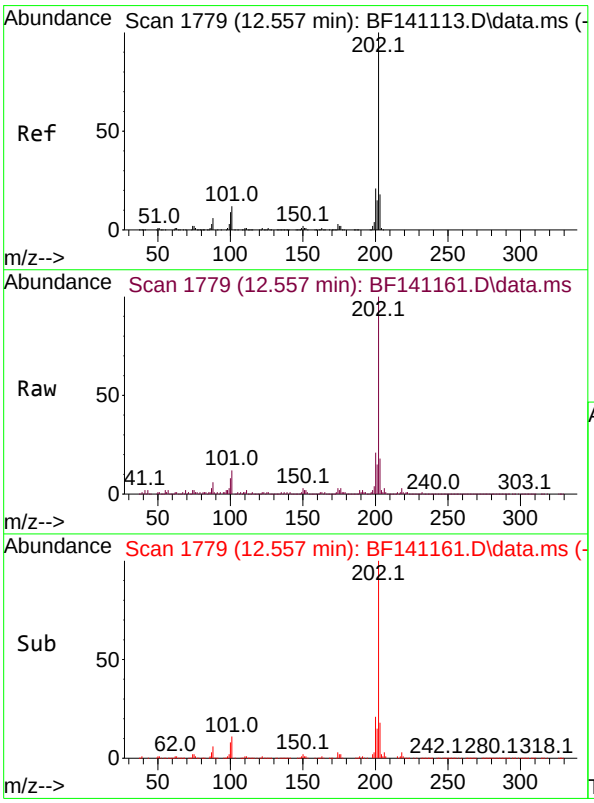
#72
Anthracene
Concen: 18.739 ng
RT: 11.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

Tgt Ion:178 Resp: 314550

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	16.3	12.6	19.0

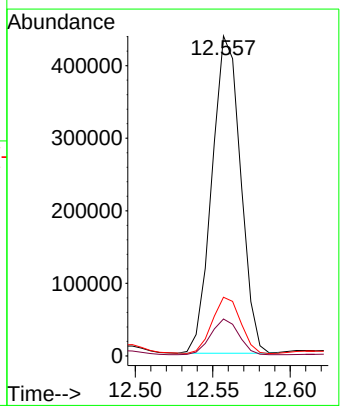


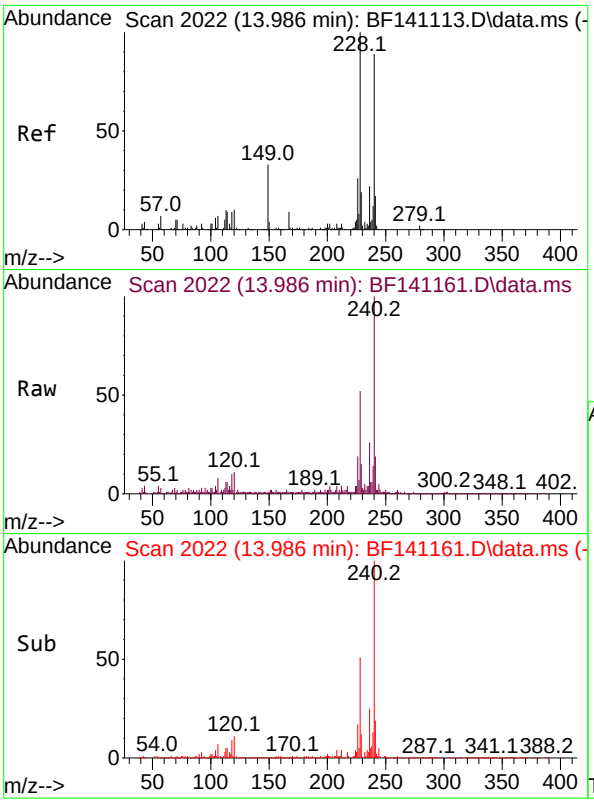


#75
Fluoranthene
Concen: 32.565 ng
RT: 12.557 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Tgt Ion:202 Resp: 561009

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	32.3
203	18.4	0.0	37.7



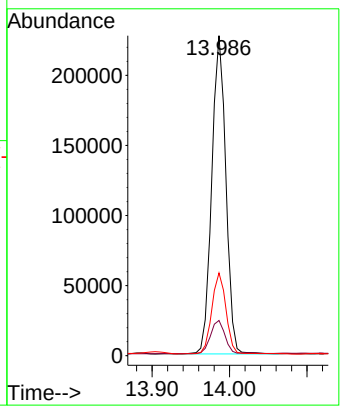


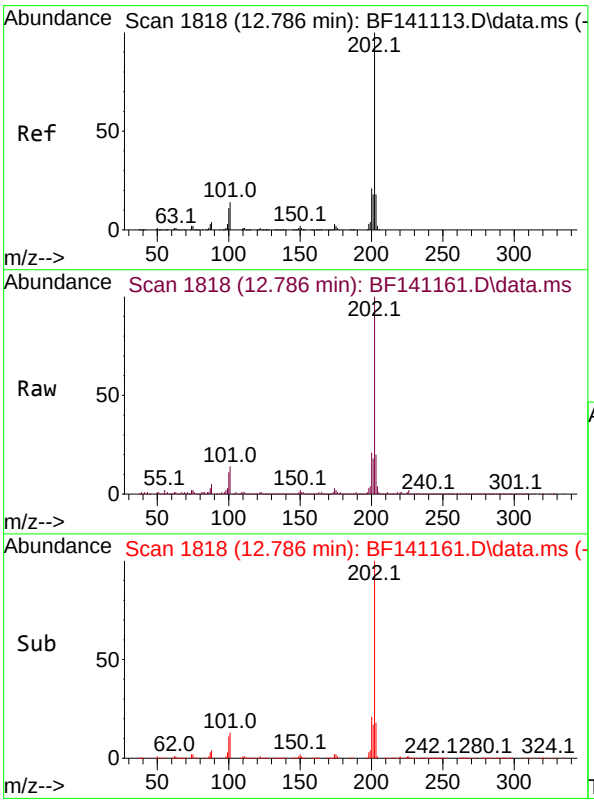
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

Tgt Ion:240 Resp: 288360

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.1	13.7
236	25.8	19.8	29.6

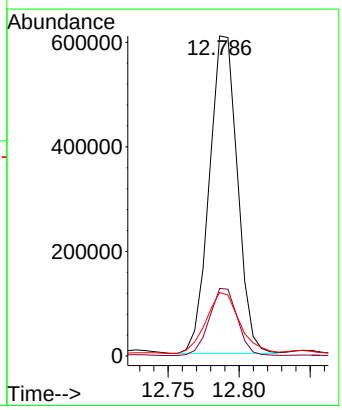


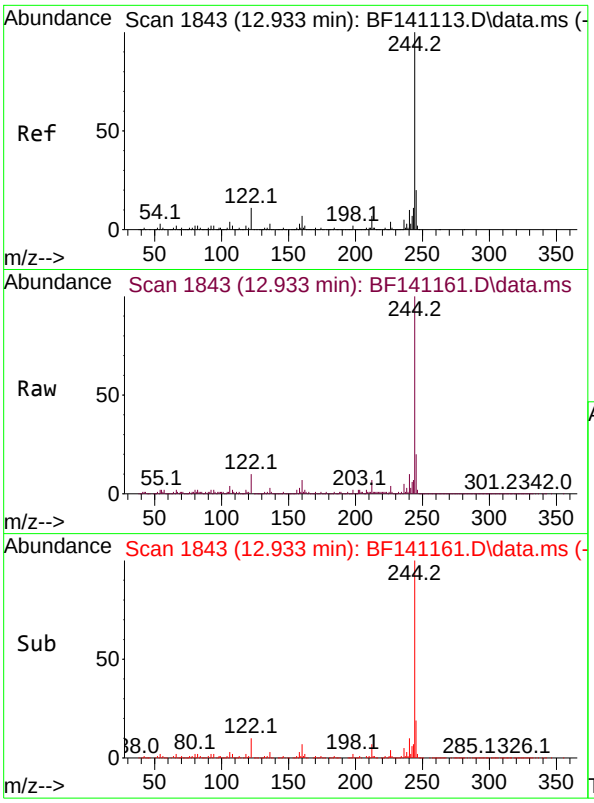


#78
Pyrene
Concen: 30.355 ng
RT: 12.786 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Tgt Ion:202 Resp: 836049

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	19.9	14.3	21.5



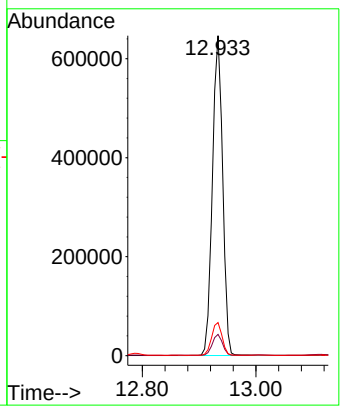


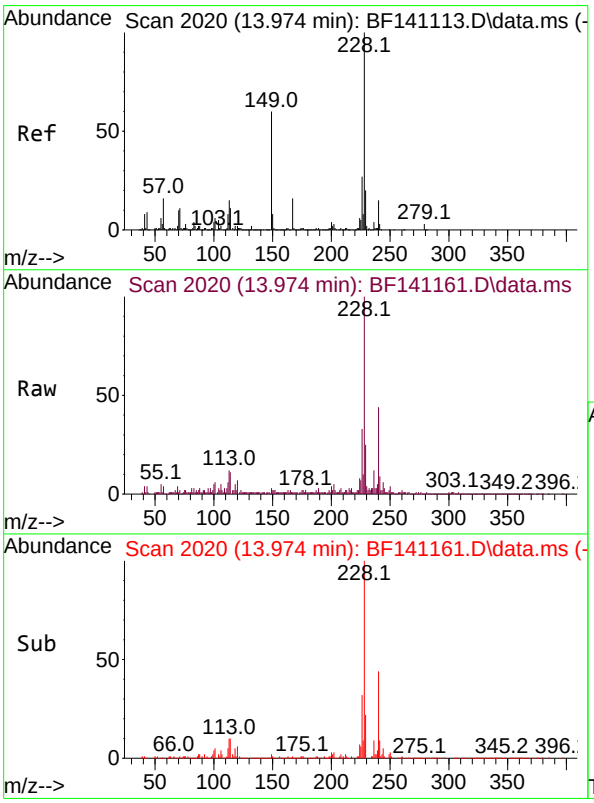
#79
Terphenyl-d14
Concen: 41.481 ng
RT: 12.933 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

Tgt Ion:244 Resp: 804786

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.4	8.8	13.2

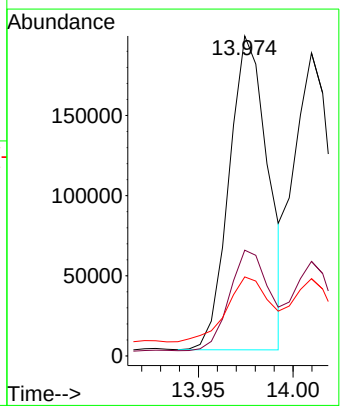


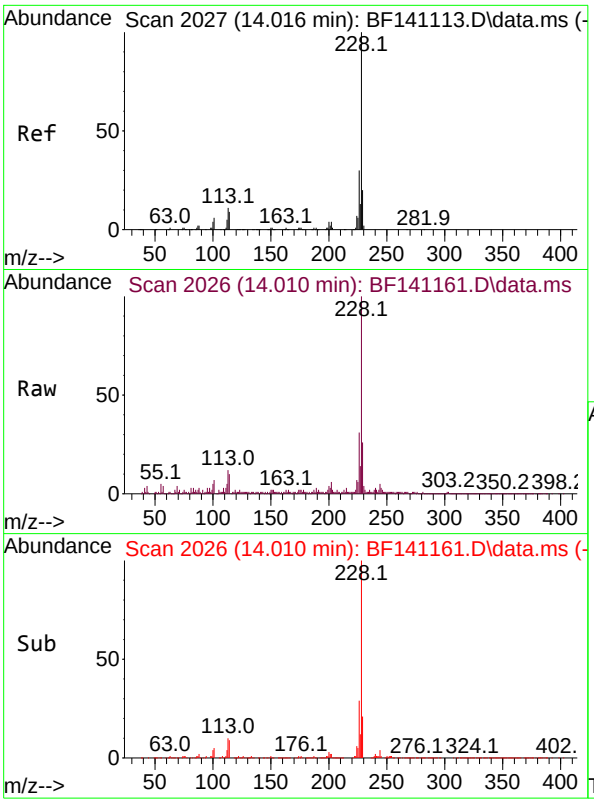


#81
Benzo(a)anthracene
Concen: 14.292 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Tgt Ion:228 Resp: 280465

Ion	Ratio	Lower	Upper
228	100		
226	33.1	21.7	32.5#
229	24.7	15.7	23.5#



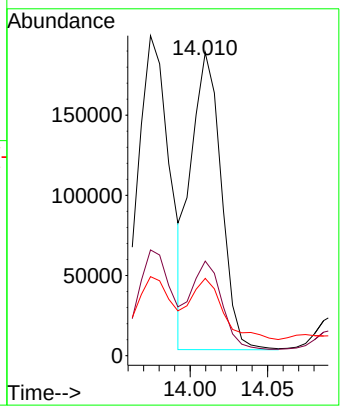


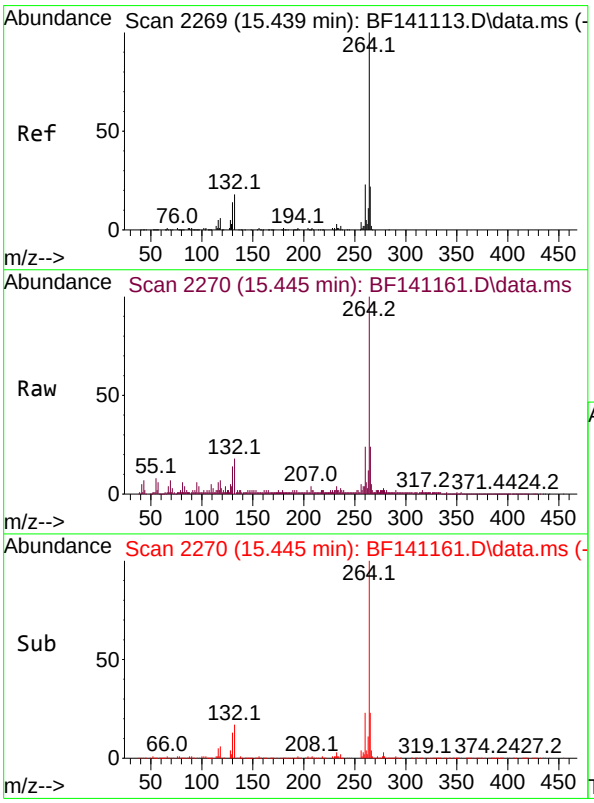
#83
Chrysene
Concen: 13.728 ng
RT: 14.010 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

Tgt Ion:228 Resp: 252080

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.8	35.8
229	25.5	15.8	23.8#

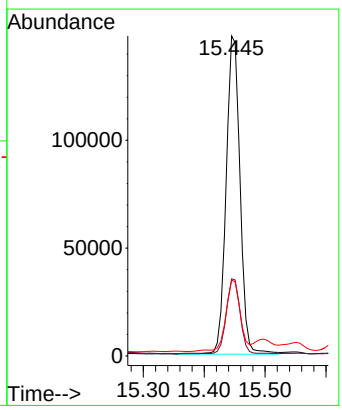


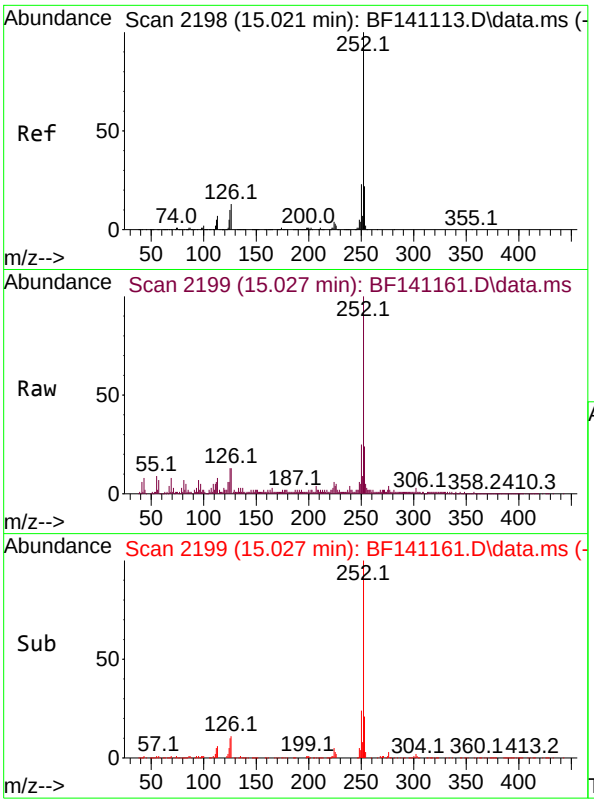


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Tgt Ion:264 Resp: 233396

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	23.7	17.4	26.0



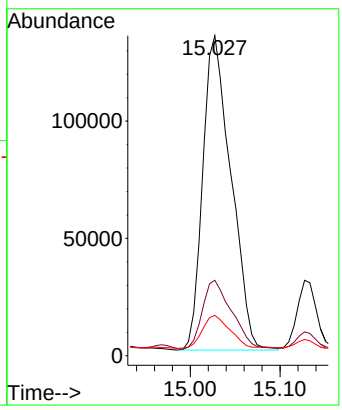


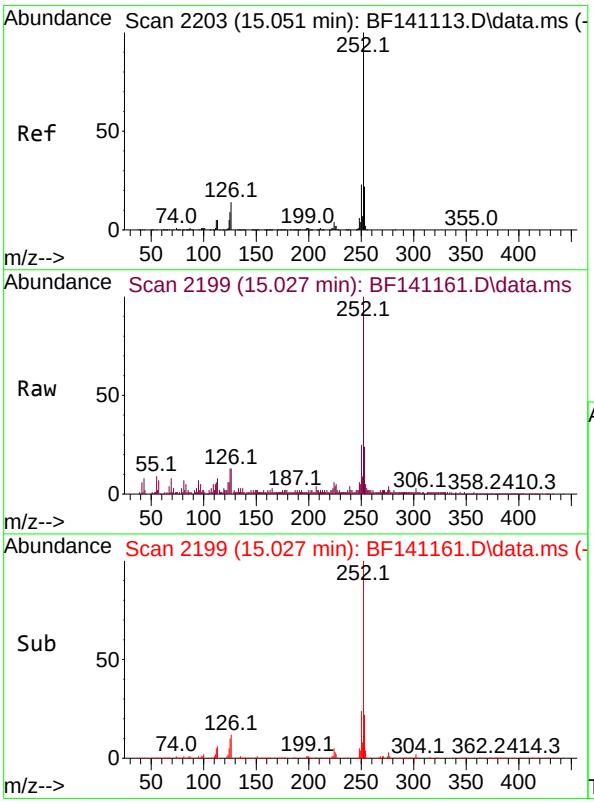
#88
Benzo(b)fluoranthene
Concen: 19.490 ng
RT: 15.027 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

Tgt Ion:252 Resp: 293328

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	12.6	8.1	12.1#

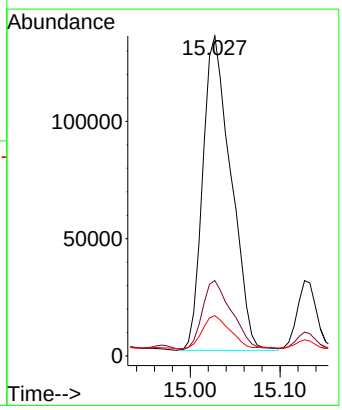


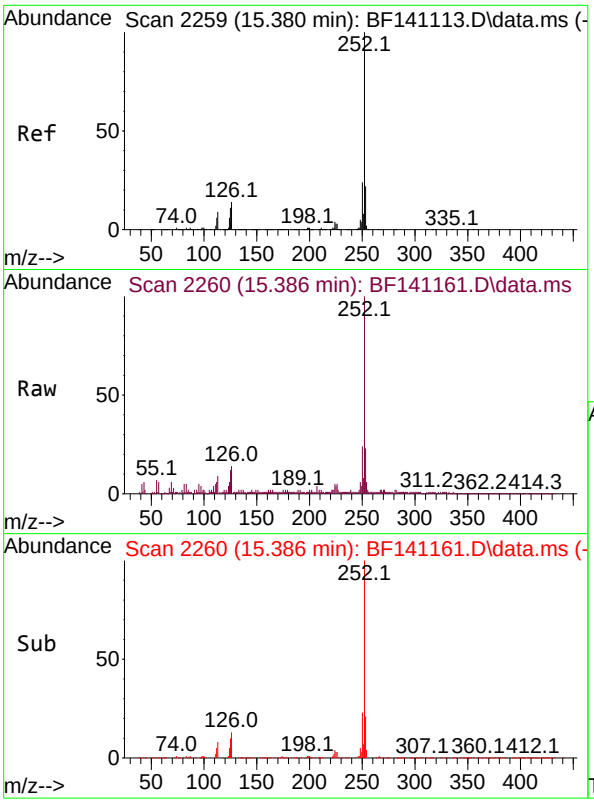


#89
Benzo(k)fluoranthene
Concen: 23.063 ng
RT: 15.027 min Scan# 2199
Delta R.T. -0.023 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Tgt Ion:252 Resp: 293328

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	12.6	7.9	11.9#



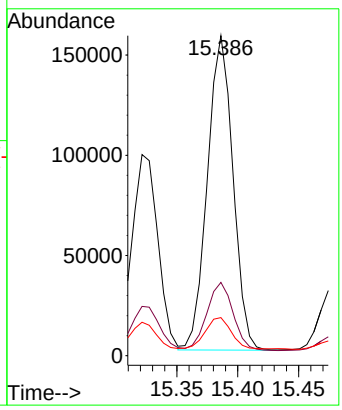


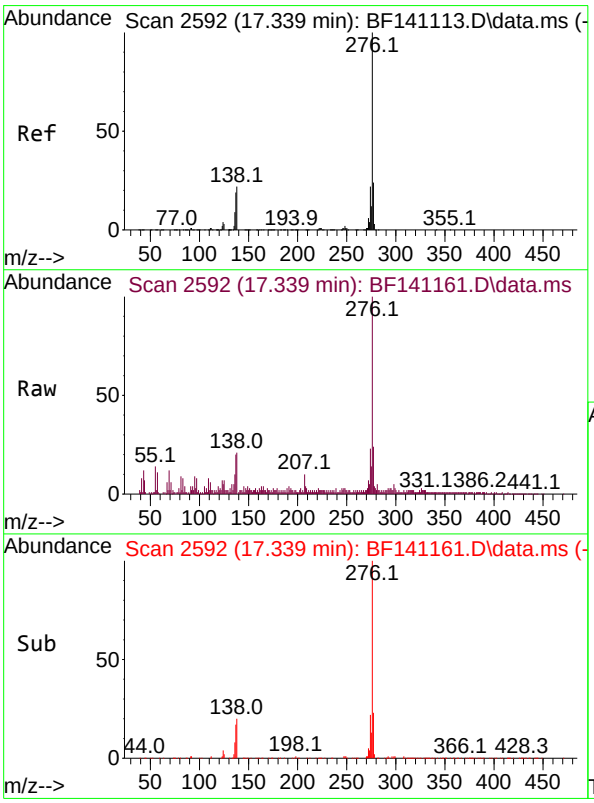
#90
Benzo(a)pyrene
Concen: 18.497 ng
RT: 15.386 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Instrument :
BNA_F
ClientSampleId :
TR-05-01132025

Tgt Ion:252 Resp: 229685

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	11.9	9.1	13.7





#92
Benzo(g,h,i)perylene
Concen: 8.668 ng
RT: 17.339 min Scan# 2592
Delta R.T. 0.000 min
Lab File: BF141161.D
Acq: 14 Jan 2025 22:08

Tgt Ion:276 Resp: 124689

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.0	28.4
138	21.3	17.4	26.2