Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
Data File : BF141773.D
Acq On : 25 Feb 2025 19:33
Operator : RC/JU
Sample : Q1418-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-02242025

Quant Time: Feb 26 00:09:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	69370	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	273692	20.000	ng	#-0.01
39) Acenaphthene-d10	9.816	164	137964	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	193346	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	153177	20.000	ng	-0.02
86) Perylene-d12	15.392	264	122039	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	264319	59.735	ng	0.00
7) Phenol-d6	6.422	99	324495	58.022	ng	-0.02
23) Nitrobenzene-d5	7.345	82	205722	39.205	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	66418	47.924	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	389872	43.537	ng	-0.02
79) Terphenyl-d14	12.886	244	321796	35.465	ng	-0.02
Target Compounds						Qvalue
18) Hexachloroethane	7.310	117	10436	5.468	ng	# 1
22) Acetophenone	7.175	105	26641	3.913	ng	# 48
37) 2-Methylnaphthalene	8.775	142	33480	3.611	ng	99
38) 1-Methylnaphthalene	8.875	142	26384	2.938	ng	89
58) Fluorene	10.363	166	21033	2.343	ng	# 77
66) n-Nitrosodiphenylamine	10.469	169	17704	2.860	ng	# 66
71) Phenanthrene	11.327	178	82419	7.744	ng	97
72) Anthracene	11.327	178	82419	7.704	ng	97
75) Fluoranthene	12.515	202	100614	8.917	ng	99
78) Pyrene	12.745	202	113017	8.667	ng	99
81) Benzo(a)anthracene	13.933	228	68366	6.714	ng	# 89
83) Chrysene	13.968	228	55151	5.866	ng	# 92
87) Indeno(1,2,3-cd)pyrene	16.827	276	20551	2.725	ng	99
88) Benzo(b)fluoranthene	14.974	252	83431	10.182	ng	# 84
89) Benzo(k)fluoranthene	14.974	252	83431	11.923	ng	# 86
90) Benzo(a)pyrene	15.327	252	47262	7.128	ng	# 84
92) Benzo(g,h,i)perylene	17.262	276	21641	3.385	ng	# 88

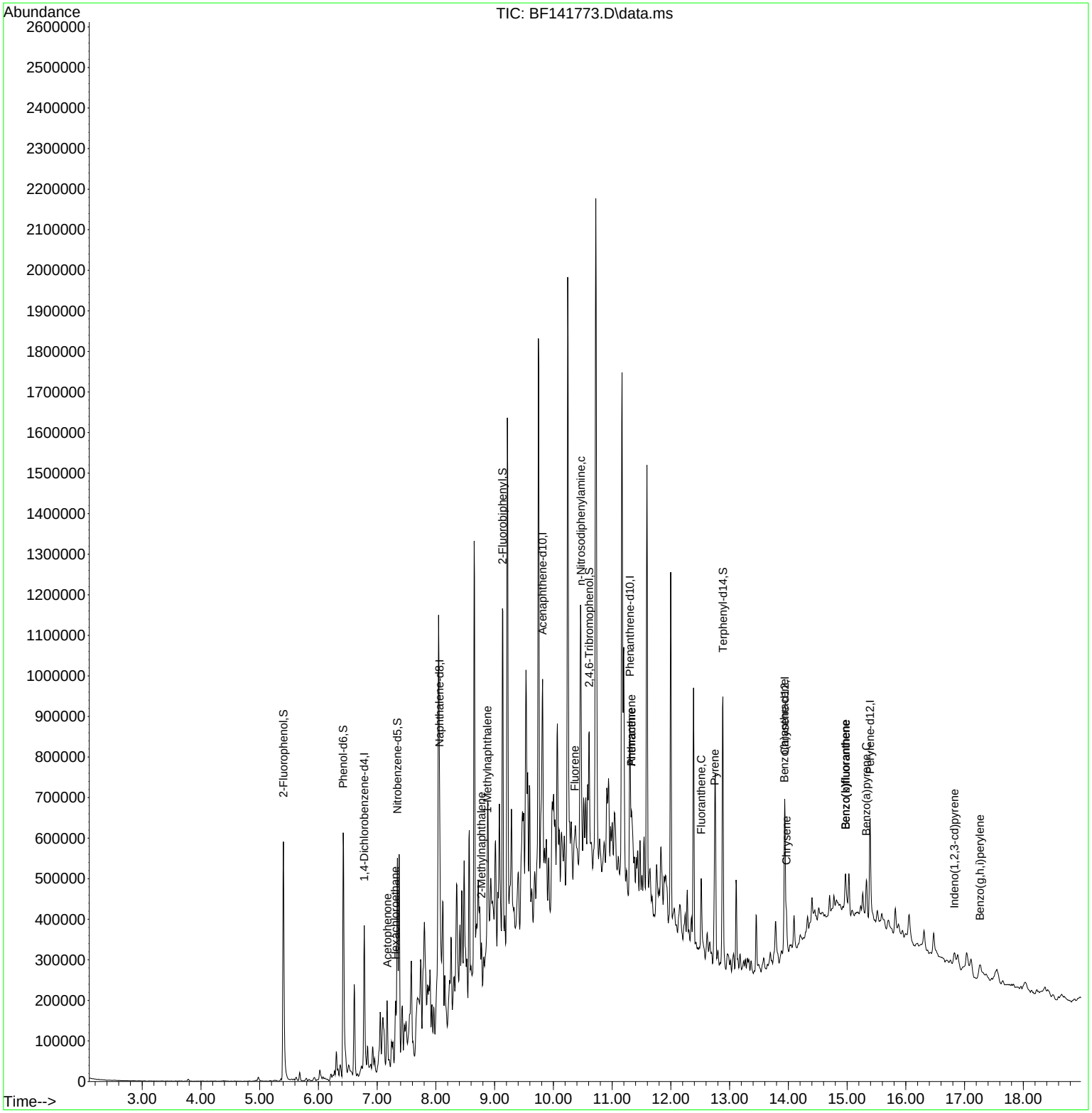
(#) = qualifier out of range (m) = manual integration (+) = signals summed

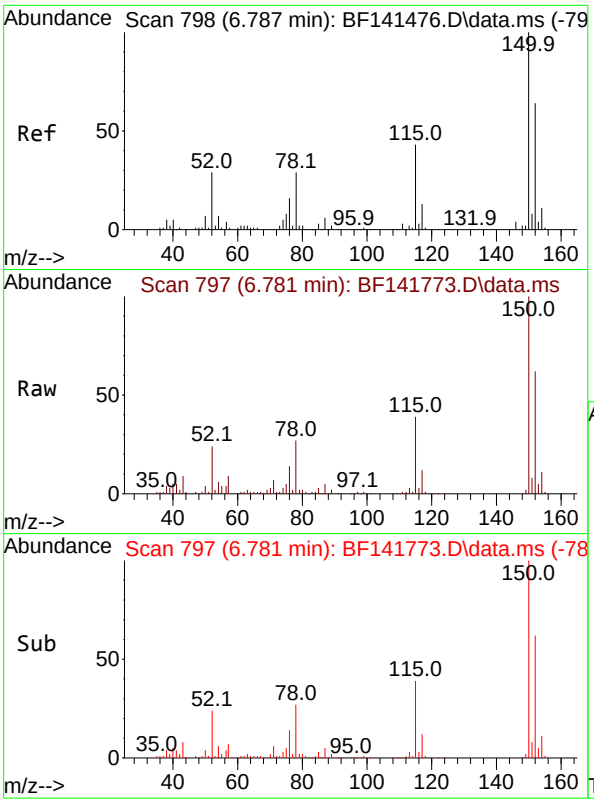
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
Data File : BF141773.D
Acq On : 25 Feb 2025 19:33
Operator : RC/JU
Sample : Q1418-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-02242025

Quant Time: Feb 26 00:09:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration



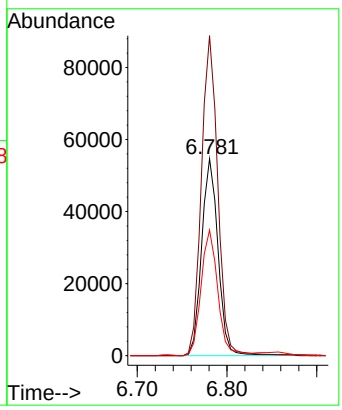


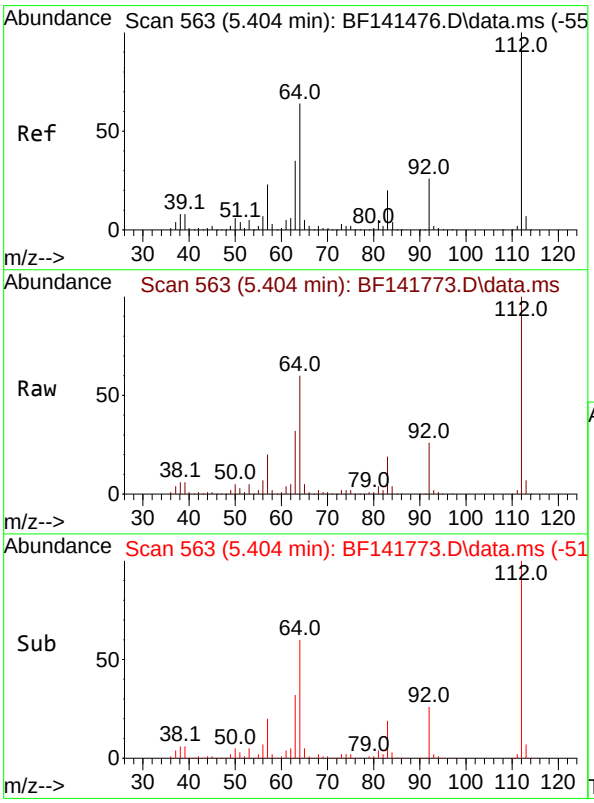
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 7
Delta R.T. -0.011 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Instrument :
BNA_F
ClientSampleId :
TR-06-02242025

Tgt Ion:152 Resp: 69370

Ion	Ratio	Lower	Upper
152	100		
150	162.5	125.0	187.4
115	63.8	53.6	80.4

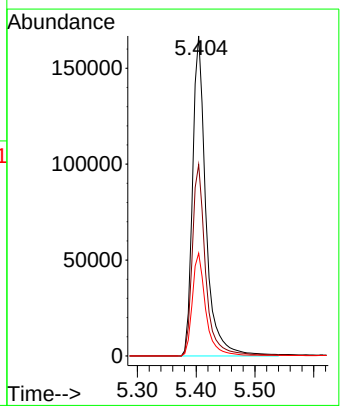


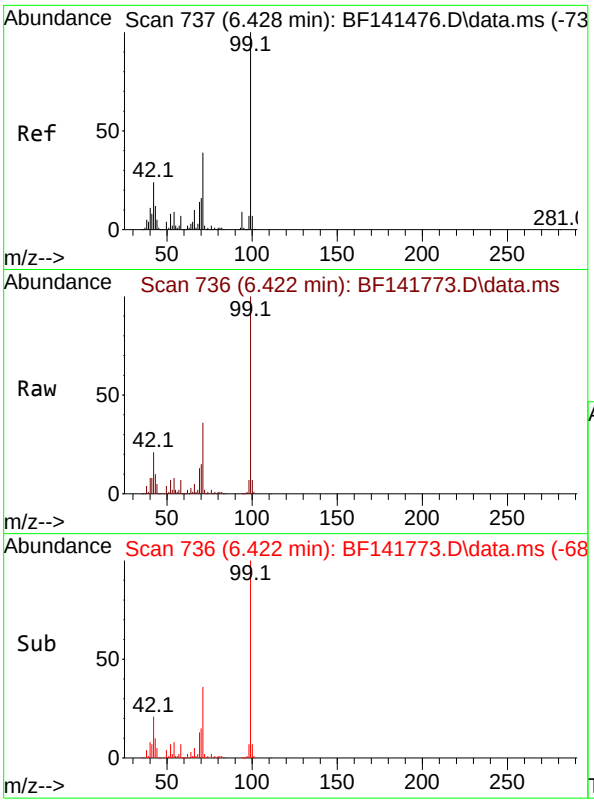


#5
2-Fluorophenol
Concen: 59.735 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Tgt Ion:112 Resp: 264319

Ion	Ratio	Lower	Upper
112	100		
64	59.8	51.1	76.7
63	32.1	28.4	42.6



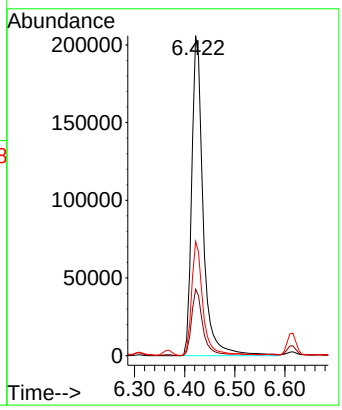


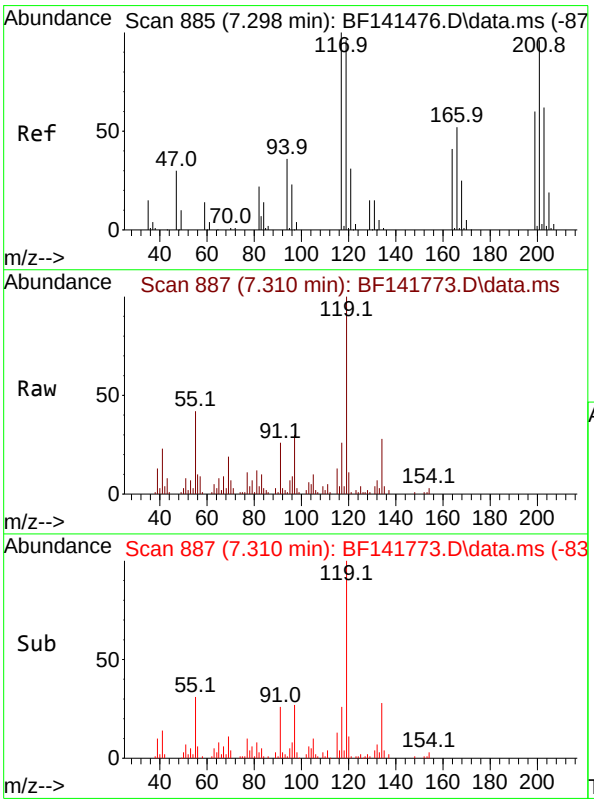
#7
Phenol-d6
Concen: 58.022 ng
RT: 6.422 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Instrument :
BNA_F
ClientSampleId :
TR-06-02242025

Tgt Ion: 99 Resp: 324495

Ion	Ratio	Lower	Upper
99	100		
42	20.7	19.1	28.7
71	35.7	31.1	46.7

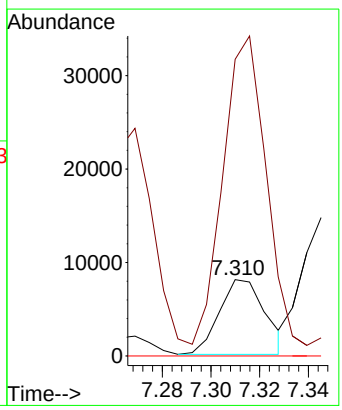


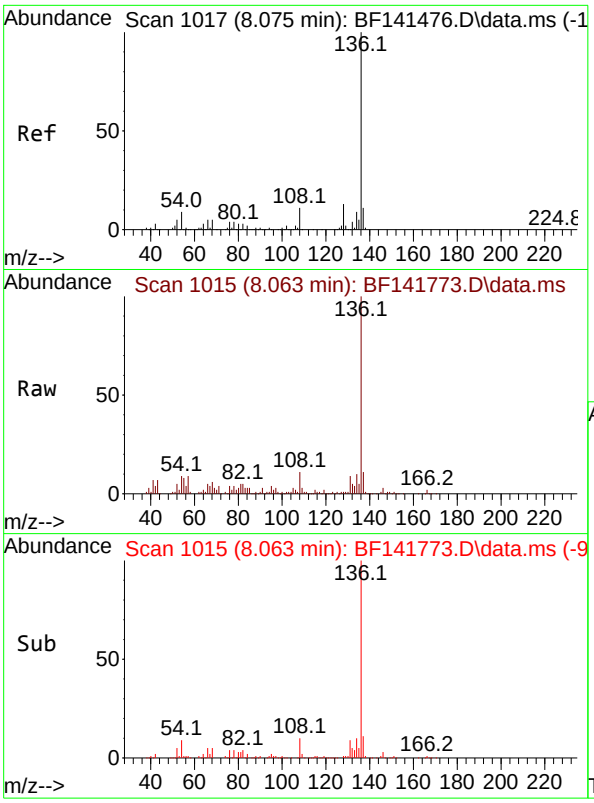


#18
Hexachloroethane
Concen: 5.468 ng
RT: 7.310 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Tgt Ion:117 Resp: 10436

Ion	Ratio	Lower	Upper
117	100		
119	388.7	76.5	114.7#
201	0.0	76.7	115.1#



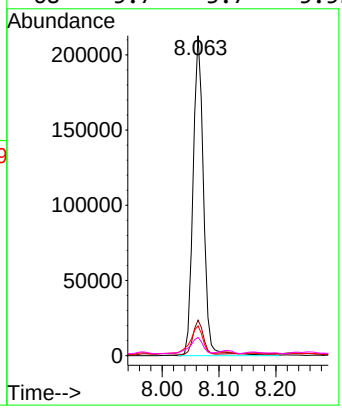


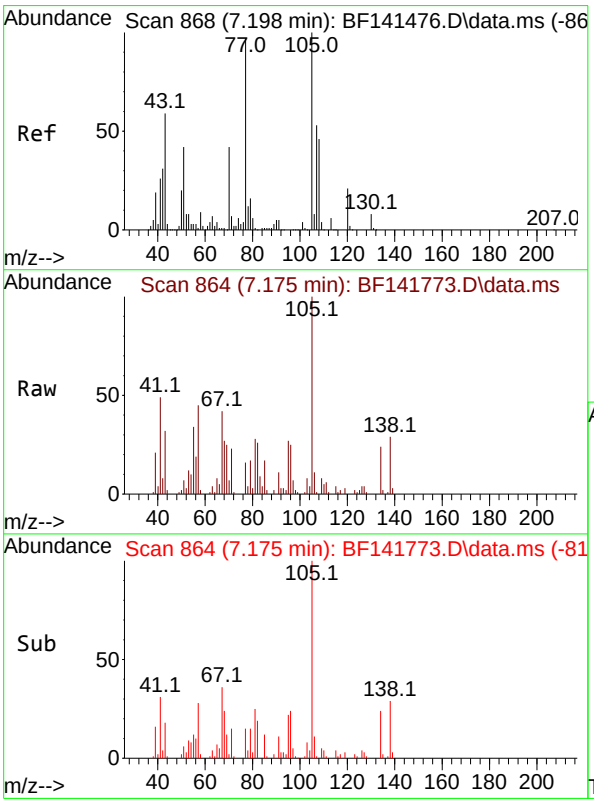
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Instrument :
BNA_F
ClientSampleId :
TR-06-02242025

Tgt Ion:136 Resp: 273692

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.3	7.2	10.8
68	5.7	3.7	5.5#

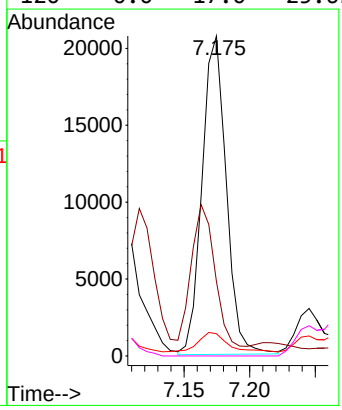


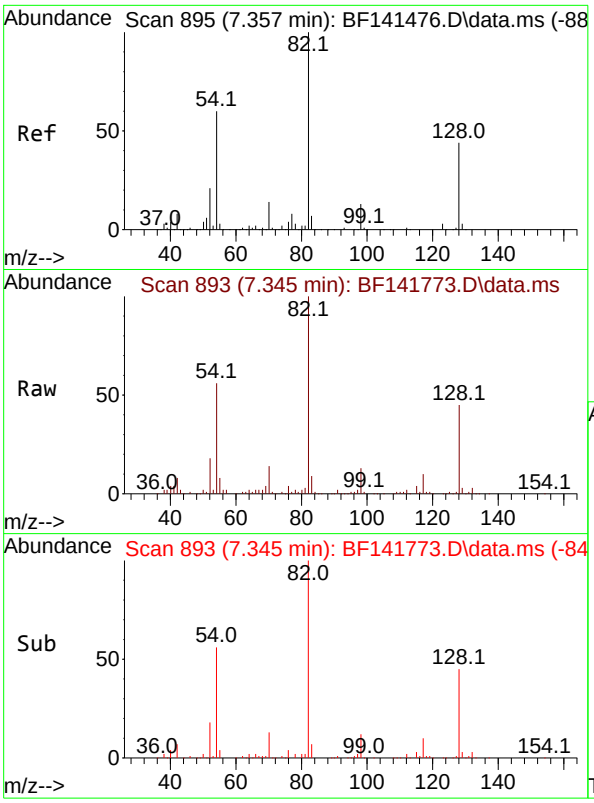


#22
Acetophenone
Concen: 3.913 ng
RT: 7.175 min Scan# 864
Delta R.T. -0.035 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Tgt Ion:105 Resp: 26641

Ion	Ratio	Lower	Upper
105	100		
71	23.3	5.7	8.5#
51	7.0	33.7	50.5#
120	0.0	17.0	25.6#



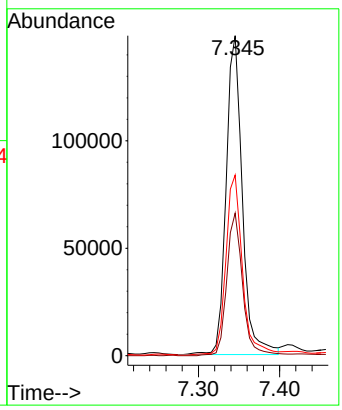


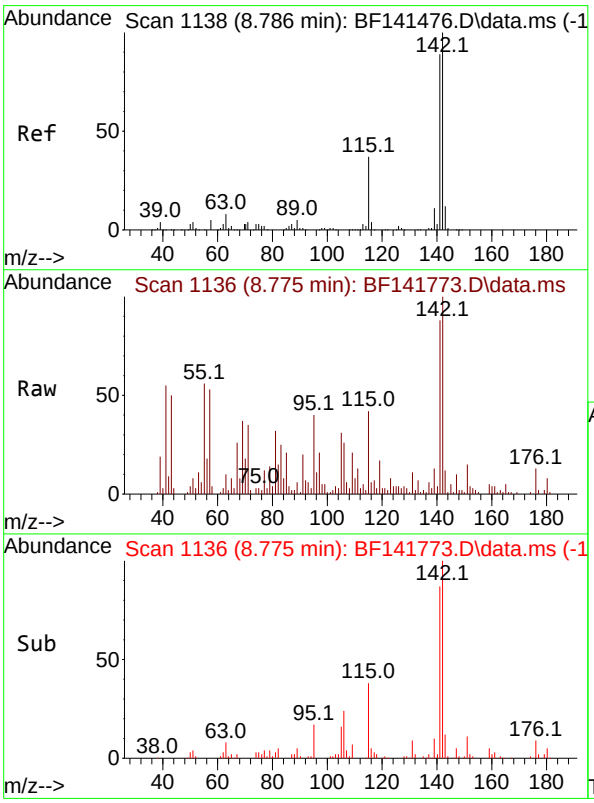
#23
Nitrobenzene-d5
Concen: 39.205 ng
RT: 7.345 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Instrument :
BNA_F
ClientSampleId :
TR-06-02242025

Tgt Ion: 82 Resp: 205722

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.8	52.2
54	56.4	48.2	72.4

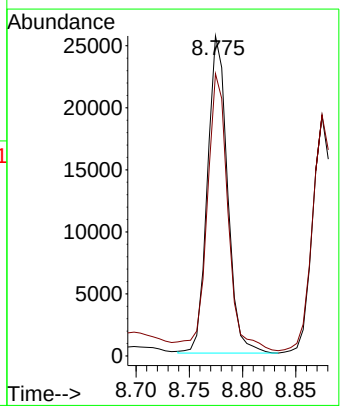


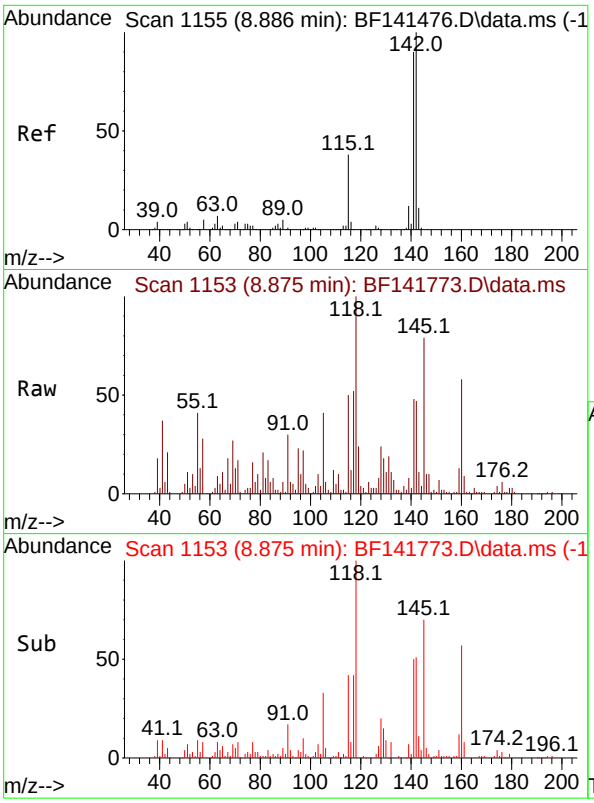


#37
2-Methylnaphthalene
Concen: 3.611 ng
RT: 8.775 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Tgt Ion:142 Resp: 33480

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.2	106.8



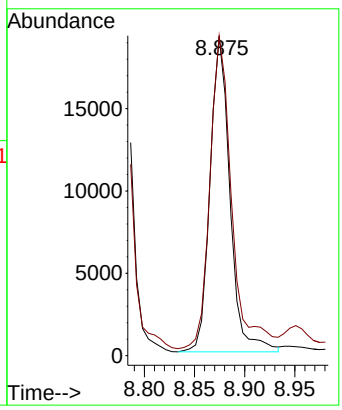


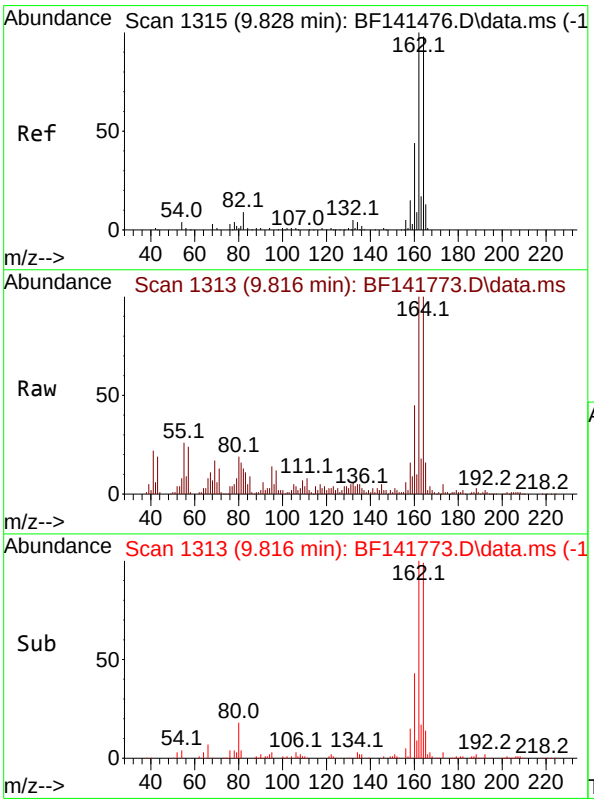
#38
1-Methylnaphthalene
Concen: 2.938 ng
RT: 8.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Instrument :
BNA_F
ClientSampleId :
TR-06-02242025

Tgt Ion:142 Resp: 26384

Ion	Ratio	Lower	Upper
142	100		
141	100.3	72.1	108.1

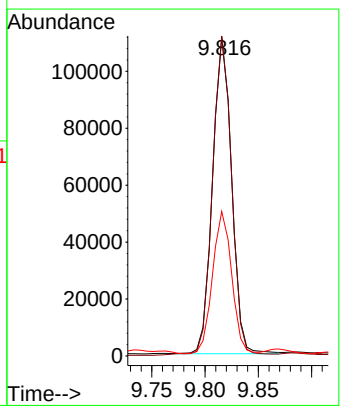


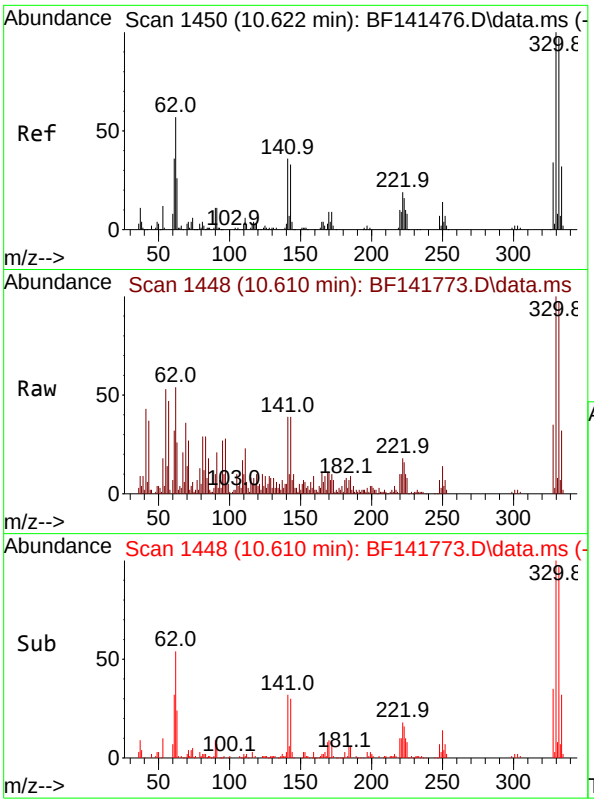


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Tgt Ion:164 Resp: 137964

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.3	121.9
160	45.3	35.9	53.9



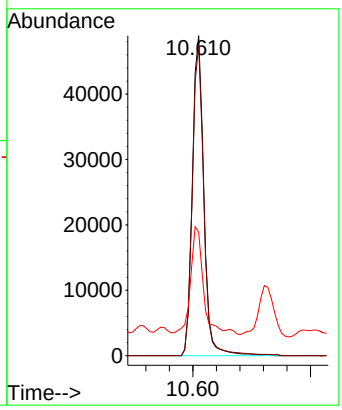


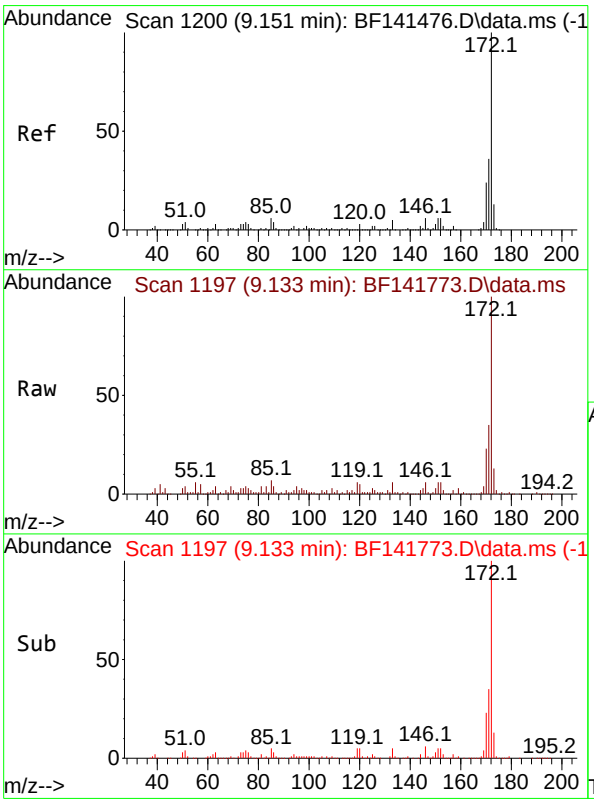
#42
2,4,6-Tribromophenol
Concen: 47.924 ng
RT: 10.610 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Instrument :
BNA_F
ClientSampleId :
TR-06-02242025

Tgt Ion:330 Resp: 66418

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.5	117.7
141	38.1	31.0	46.4

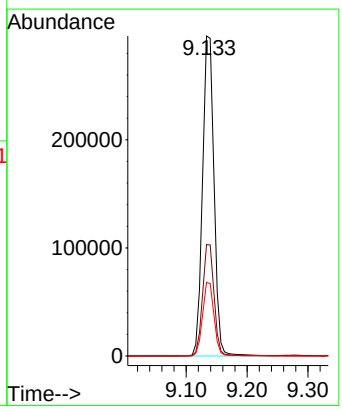


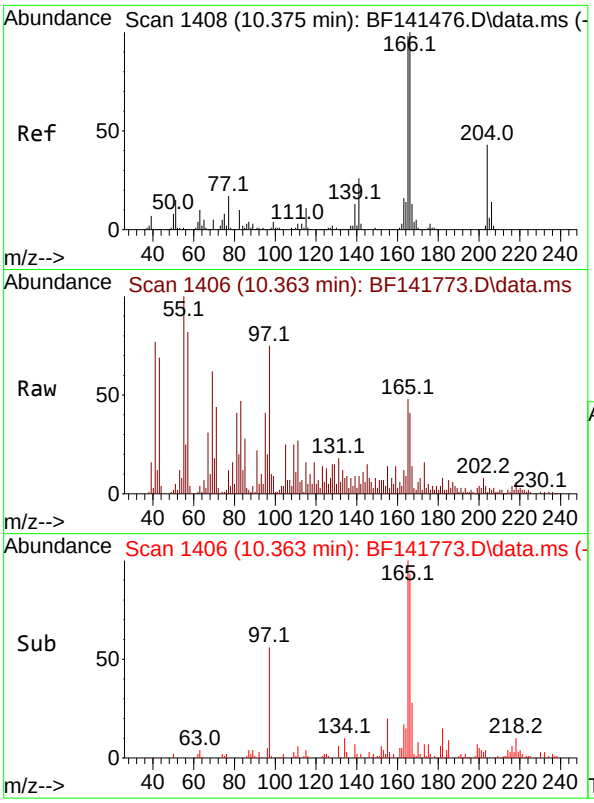


#45
2-Fluorobiphenyl
Concen: 43.537 ng
RT: 9.133 min Scan# 1197
Delta R.T. -0.018 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Tgt Ion:172 Resp: 389872

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.7	43.1
170	22.9	18.9	28.3



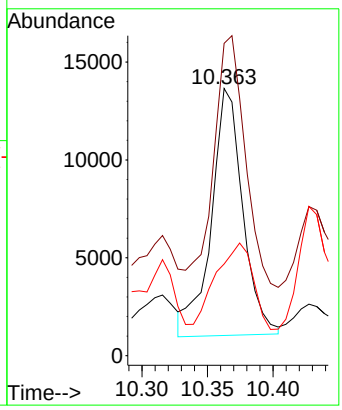


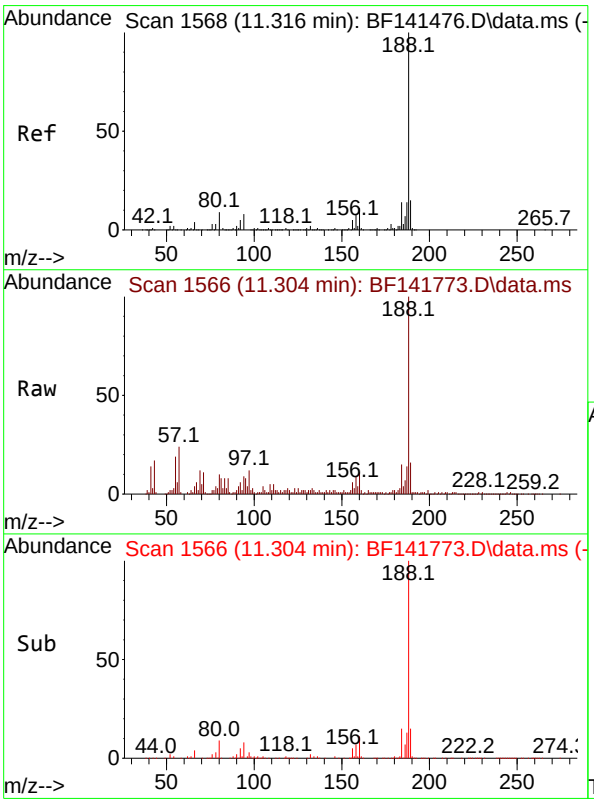
#58
Fluorene
Concen: 2.343 ng
RT: 10.363 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Instrument :
BNA_F
ClientSampleId :
TR-06-02242025

Tgt Ion:166 Resp: 21033

Ion	Ratio	Lower	Upper
166	100		
165	116.9	78.2	117.2
167	34.3	10.7	16.1#

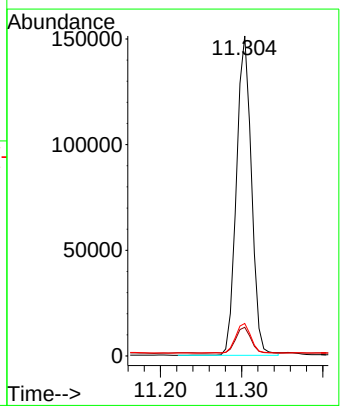


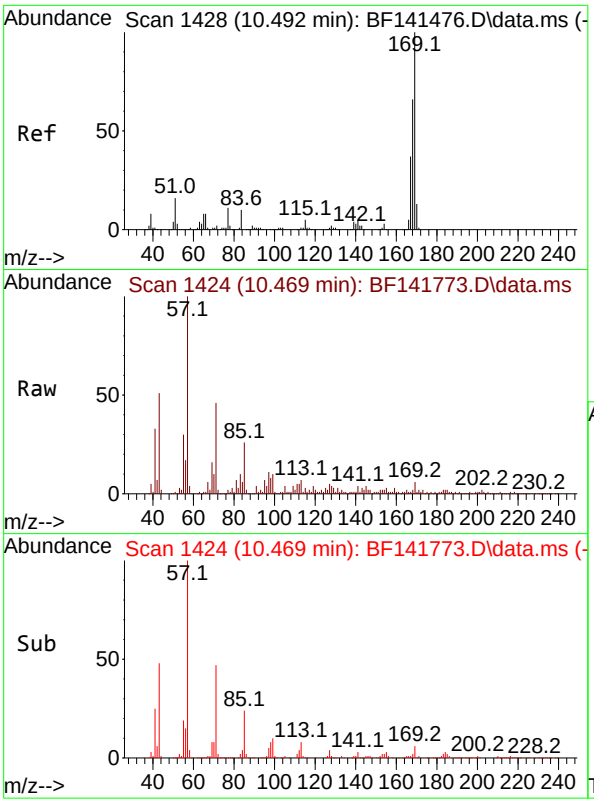


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Tgt Ion:188 Resp: 193346

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	10.1	7.3	10.9



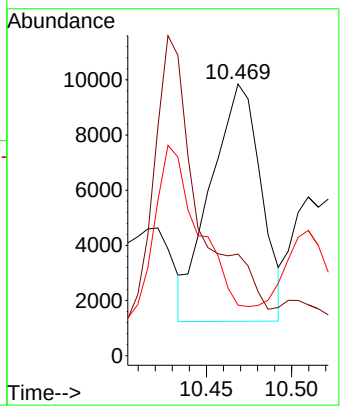


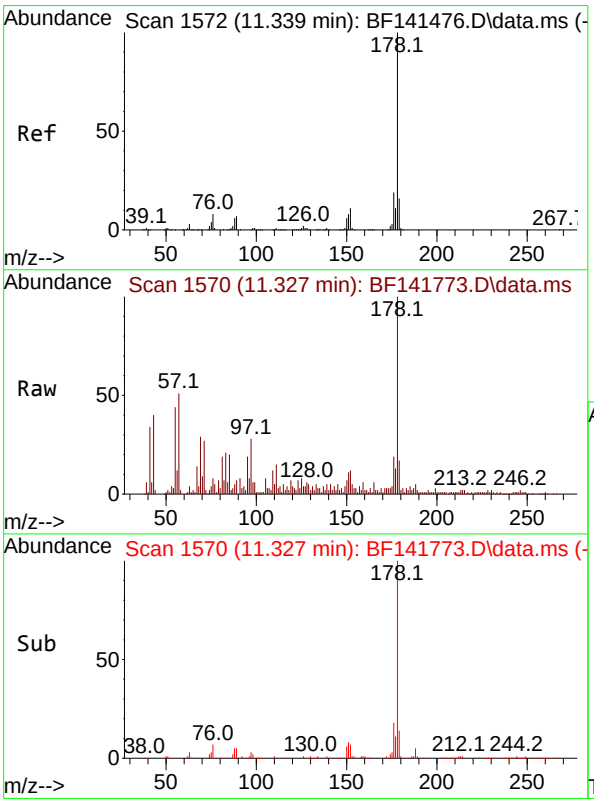
#66
n-Nitrosodiphenylamine
Concen: 2.860 ng
RT: 10.469 min Scan# 14
Delta R.T. -0.029 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Instrument :
BNA_F
ClientSampleId :
TR-06-02242025

Tgt Ion:169 Resp: 17704

Ion	Ratio	Lower	Upper
169	100		
168	37.4	53.3	79.9#
167	18.6	29.4	44.2#

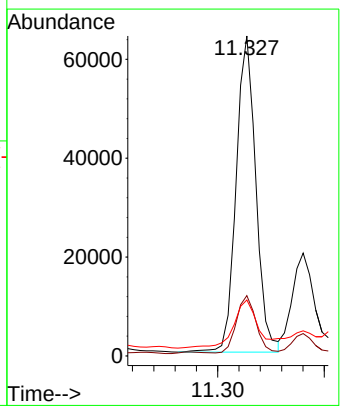


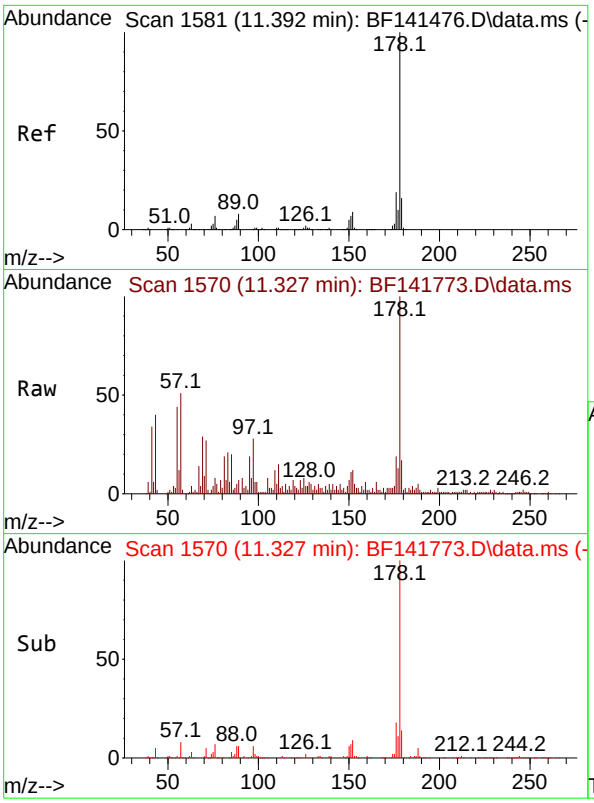


#71
Phenanthrene
Concen: 7.744 ng
RT: 11.327 min Scan# 1570
Delta R.T. -0.018 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Tgt Ion:178 Resp: 82419

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	17.5	12.4	18.6



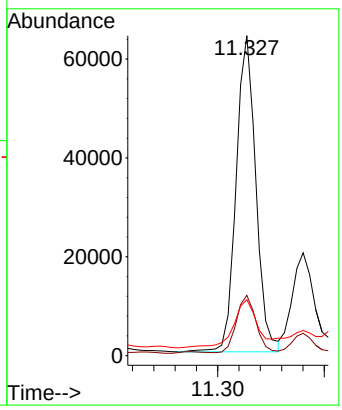


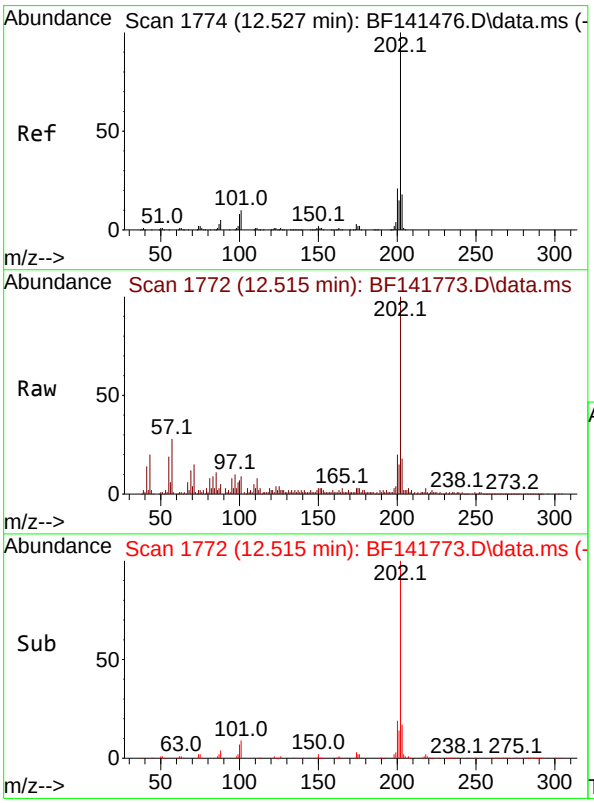
#72
Anthracene
Concen: 7.704 ng
RT: 11.327 min Scan# 1
Delta R.T. -0.071 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Instrument :
BNA_F
ClientSampleId :
TR-06-02242025

Tgt Ion:178 Resp: 82419

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	17.5	12.4	18.6

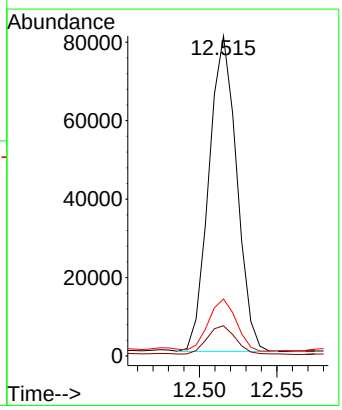


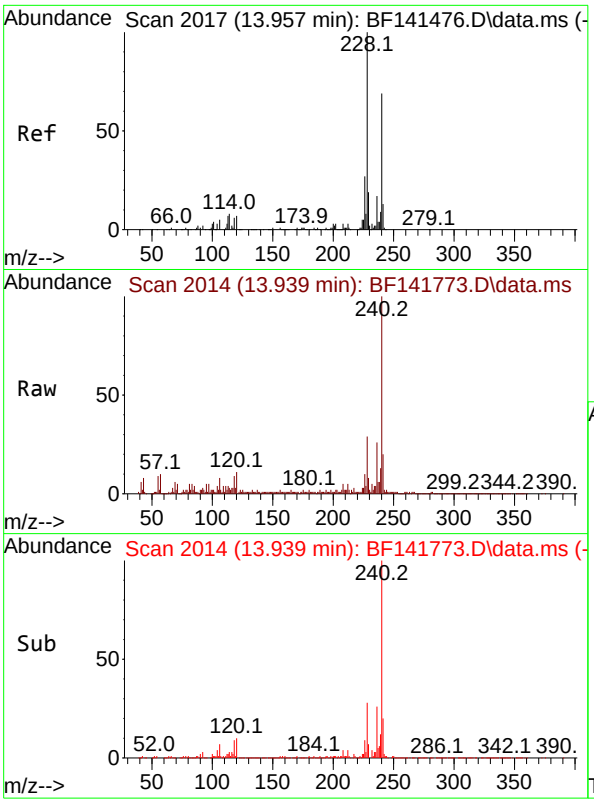


#75
Fluoranthene
Concen: 8.917 ng
RT: 12.515 min Scan# 1772
Delta R.T. -0.018 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Tgt Ion:202 Resp: 100614

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.2
203	17.8	0.0	37.6



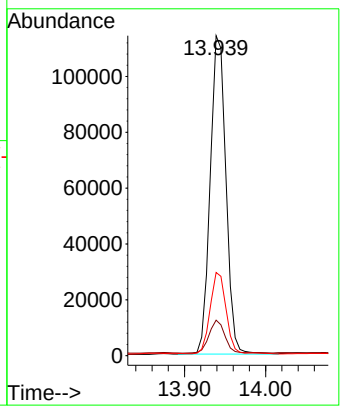


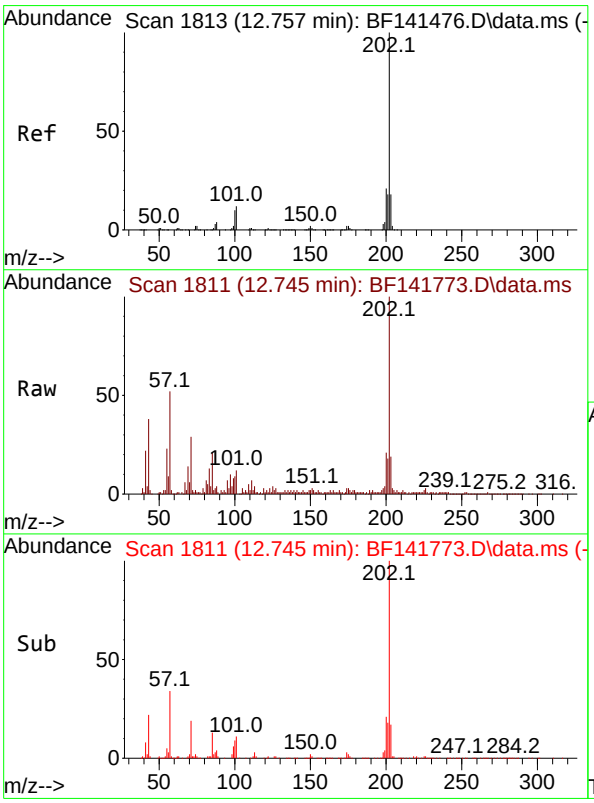
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Instrument :
BNA_F
ClientSampleId :
TR-06-02242025

Tgt Ion:240 Resp: 153177

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.0	12.0
236	26.0	19.8	29.8

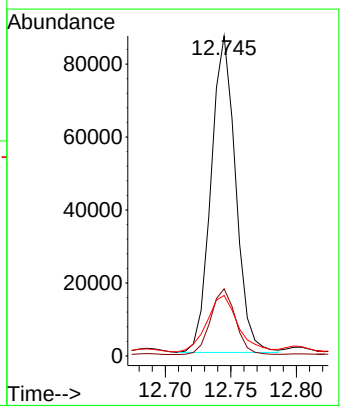


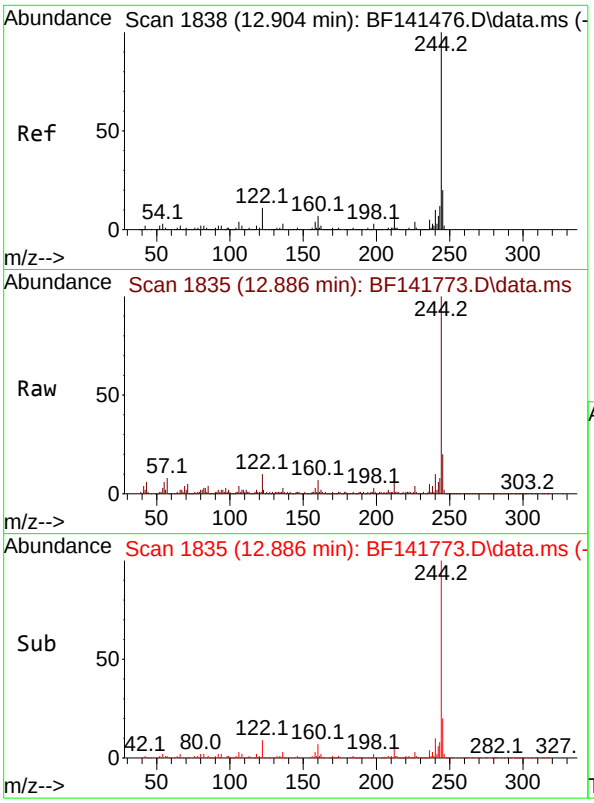


#78
Pyrene
Concen: 8.667 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.018 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Tgt Ion:202 Resp: 113017

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	18.9	14.3	21.5



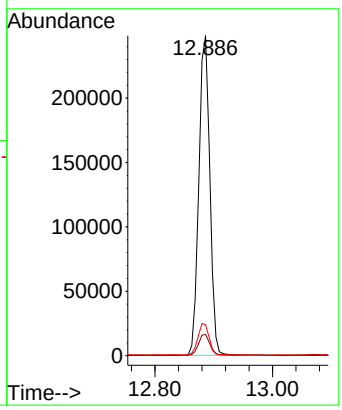


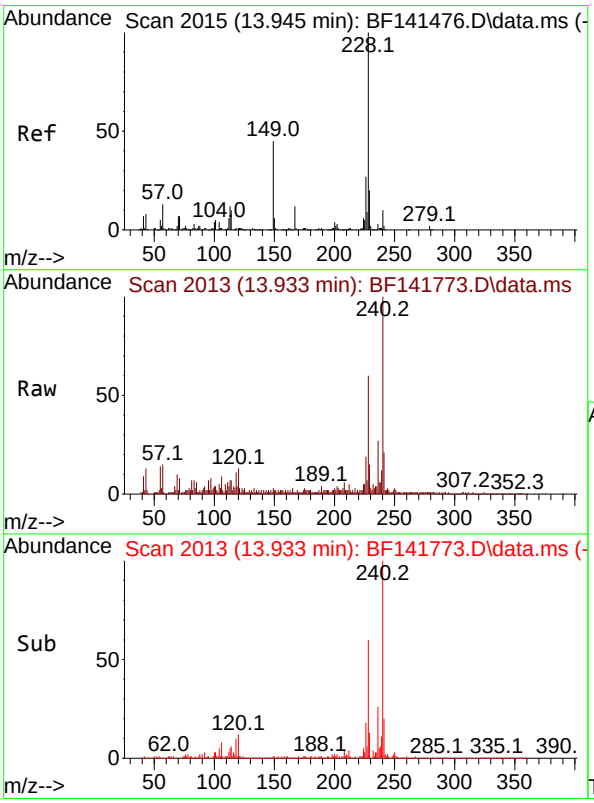
#79
Terphenyl-d14
Concen: 35.465 ng
RT: 12.886 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Instrument :
BNA_F
ClientSampleId :
TR-06-02242025

Tgt Ion:244 Resp: 321796

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	9.7	8.4	12.6

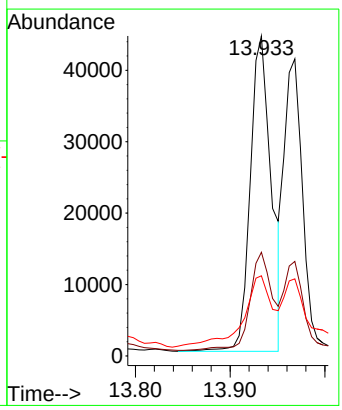


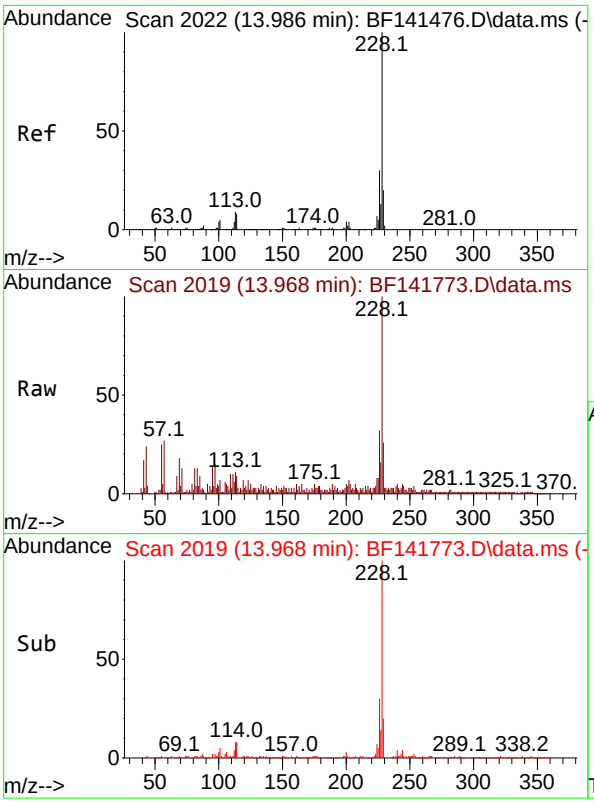


#81
Benzo(a)anthracene
Concen: 6.714 ng
RT: 13.933 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Tgt Ion:228 Resp: 68366

Ion	Ratio	Lower	Upper
228	100		
226	32.4	21.8	32.8
229	25.1	15.8	23.6#



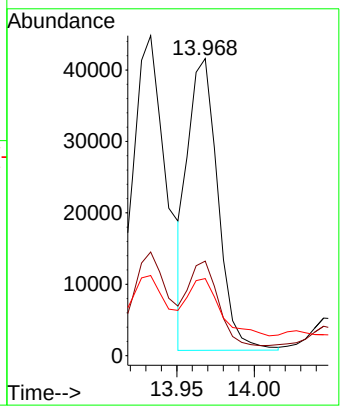


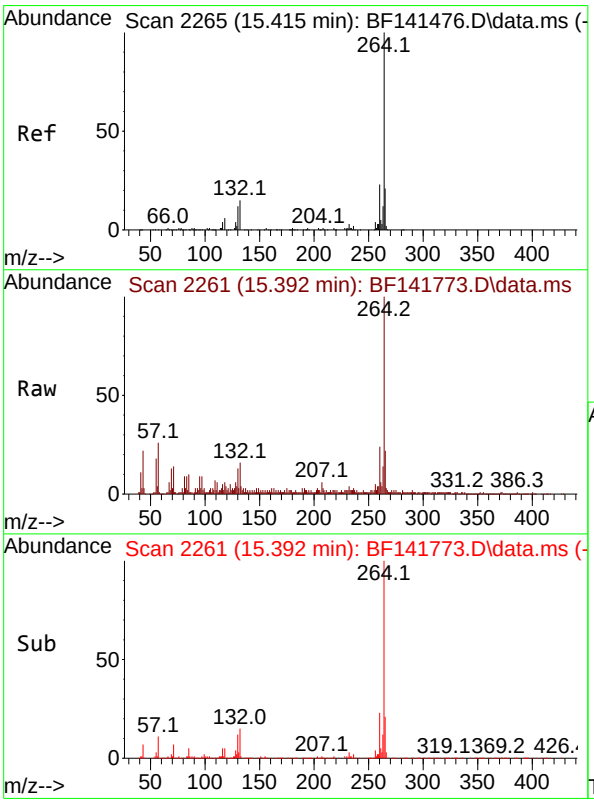
#83
Chrysene
Concen: 5.866 ng
RT: 13.968 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Instrument :
BNA_F
ClientSampleId :
TR-06-02242025

Tgt Ion:228 Resp: 55151

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.0	36.0
229	25.9	15.7	23.5#

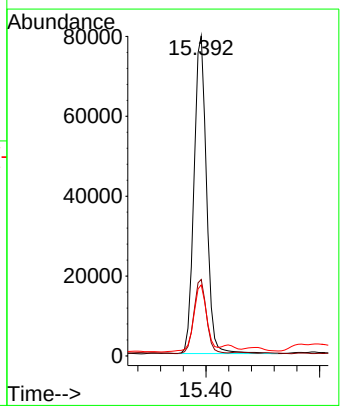


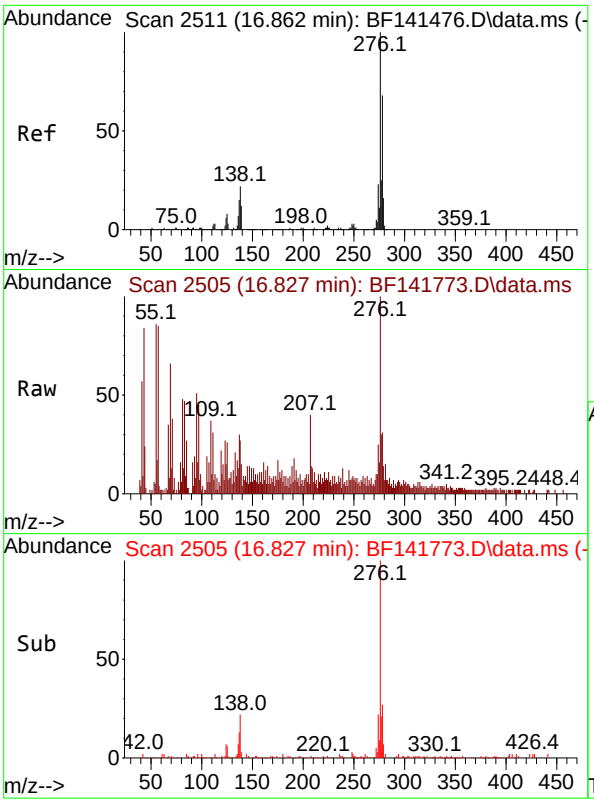


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 2261
Delta R.T. -0.024 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Tgt Ion:264 Resp: 122039

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	22.2	17.0	25.4



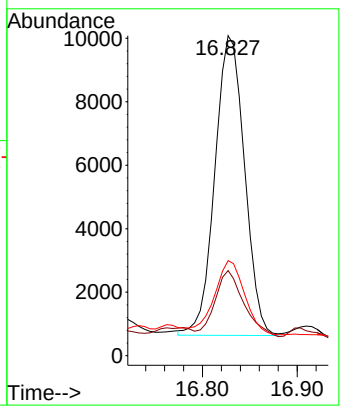


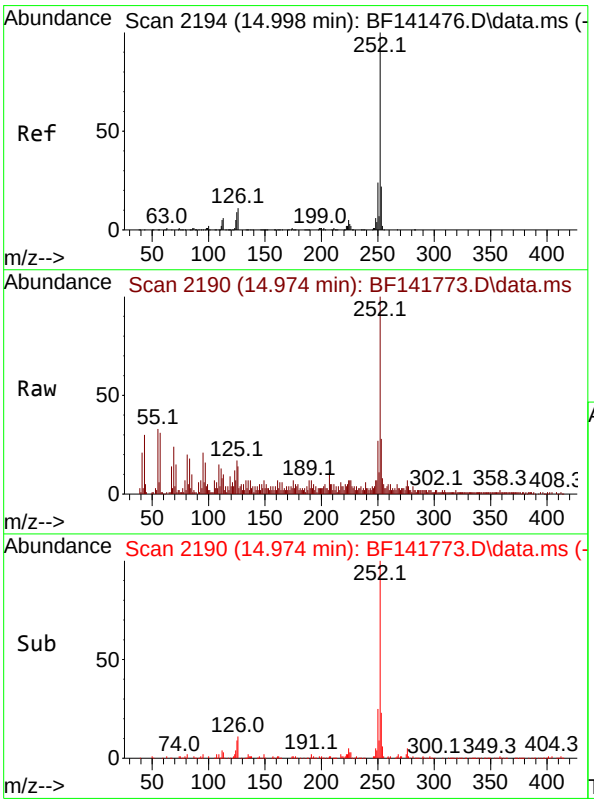
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.725 ng
RT: 16.827 min Scan# 2
Delta R.T. -0.047 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Instrument :
BNA_F
ClientSampleId :
TR-06-02242025

Tgt Ion:276 Resp: 20551

Ion	Ratio	Lower	Upper
276	100		
138	21.5	18.0	27.0
277	25.3	20.4	30.6

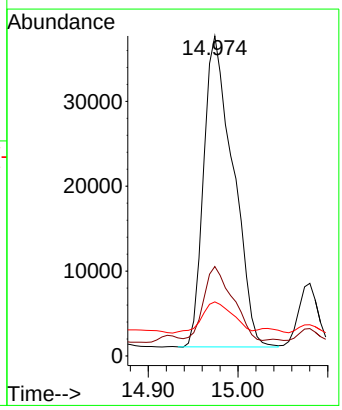


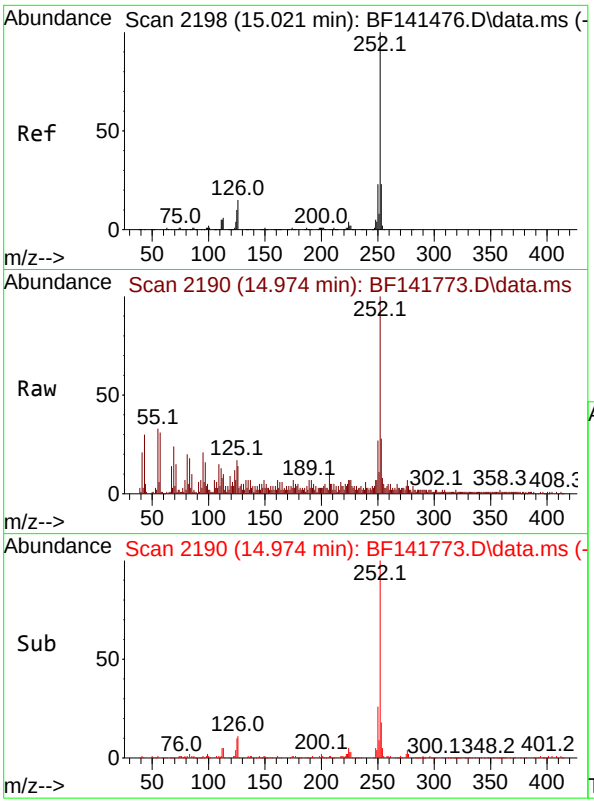


#88
Benzo(b)fluoranthene
Concen: 10.182 ng
RT: 14.974 min Scan# 2190
Delta R.T. -0.029 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Tgt Ion:252 Resp: 83431

Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.5	26.3#
125	16.9	7.0	10.6#



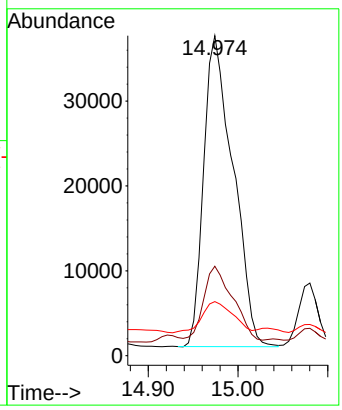


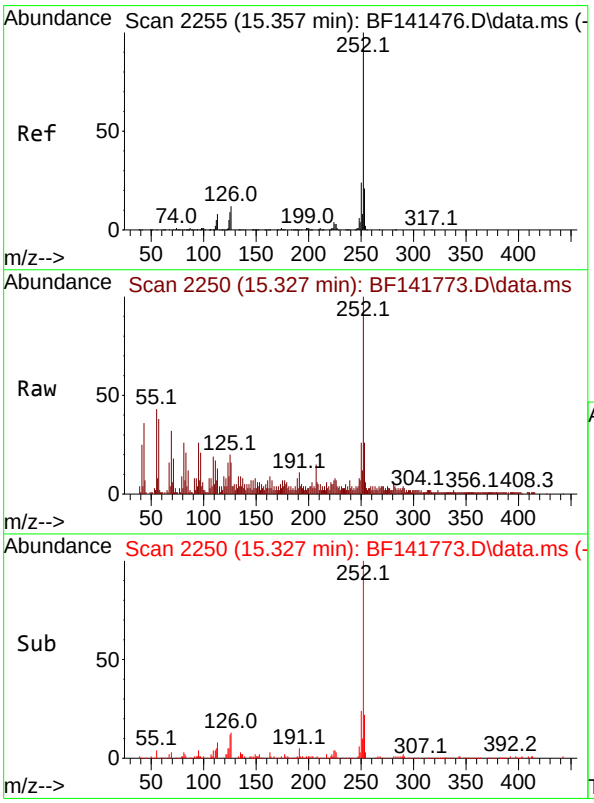
#89
Benzo(k)fluoranthene
Concen: 11.923 ng
RT: 14.974 min Scan# 21
Delta R.T. -0.059 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Instrument :
BNA_F
ClientSampleId :
TR-06-02242025

Tgt Ion:252 Resp: 83431

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.0	27.0#
125	16.9	7.4	11.0#

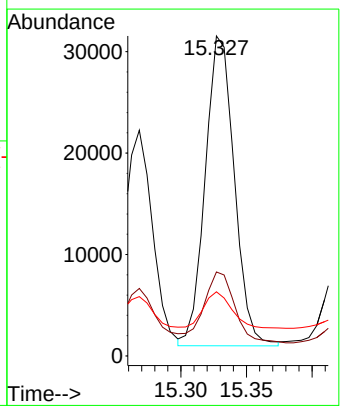


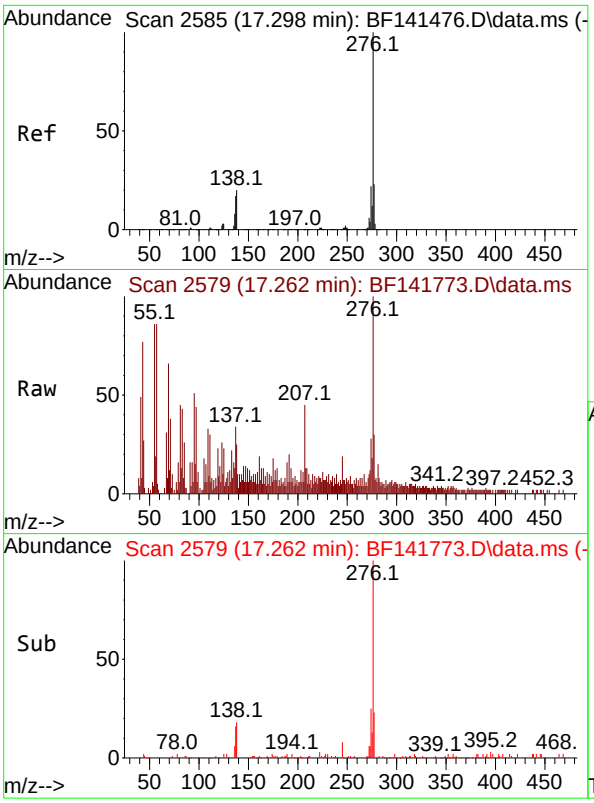


#90
Benzo(a)pyrene
Concen: 7.128 ng
RT: 15.327 min Scan# 2250
Delta R.T. -0.035 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Tgt Ion:252 Resp: 47262

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.1	25.7#
125	20.1	7.4	11.2#





#92
Benzo(g,h,i)perylene
Concen: 3.385 ng
RT: 17.262 min Scan# 2
Delta R.T. -0.053 min
Lab File: BF141773.D
Acq: 25 Feb 2025 19:33

Instrument :
BNA_F
ClientSampleId :
TR-06-02242025

Tgt Ion:276 Resp: 21641

Ion	Ratio	Lower	Upper
276	100		
277	29.7	18.6	28.0#
138	24.5	15.9	23.9#