Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
Data File : BF129577.D
Acq On : 04 Aug 2022 19:14
Operator : CG\JU
Sample : N3930-16RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-108

Quant Time: Aug 05 02:09:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 02:05:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	186920	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	719445	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	347427	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	494566	20.000	ng	0.00
76) Chrysene-d12	14.027	240	295184	20.000	ng	-0.01
86) Perylene-d12	15.510	264	306896	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1185278	103.296	ng	0.00
7) Phenol-d6	6.504	99	1501530	104.108	ng	-0.01
23) Nitrobenzene-d5	7.422	82	967113	73.381	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	329978	98.788	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1661598	73.984	ng	0.00
79) Terphenyl-d14	12.969	244	1190479	76.086	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	128763	14.747	ng	# 74
25) Isophorone	7.422	82	955387	40.441	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	46357	8.636	ng	# 26
56) 4-Nitrophenol	10.098	139	12546	2.683	ng	# 10
57) 2,4-Dinitrotoluene	9.892	165	46357	6.611	ng	# 21
67) 4-Bromophenyl-phenylether	10.686	248	21354	3.943	ng	# 1
71) Phenanthrene	11.410	178	363799	13.476	ng	97
72) Anthracene	11.457	178	98167	3.700	ng	98
73) Carbazole	11.616	167	51266	2.053	ng	99
75) Fluoranthene	12.598	202	414526	15.154	ng	98
78) Pyrene	12.827	202	334466	13.550	ng	99
81) Benzo(a)anthracene	14.016	228	167653	8.314	ng	98
83) Chrysene	14.057	228	166253	8.748	ng	99
87) Indeno(1,2,3-cd)pyrene	17.004	276	111714	5.406	ng	94
88) Benzo(b)fluoranthene	15.074	252	357394	17.556	ng	98
89) Benzo(k)fluoranthene	15.074	252	357394	17.915	ng	99
90) Benzo(a)pyrene	15.445	252	154980	9.378	ng	98
92) Benzo(g,h,i)perylene	17.457	276	101229	5.889	ng	98

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

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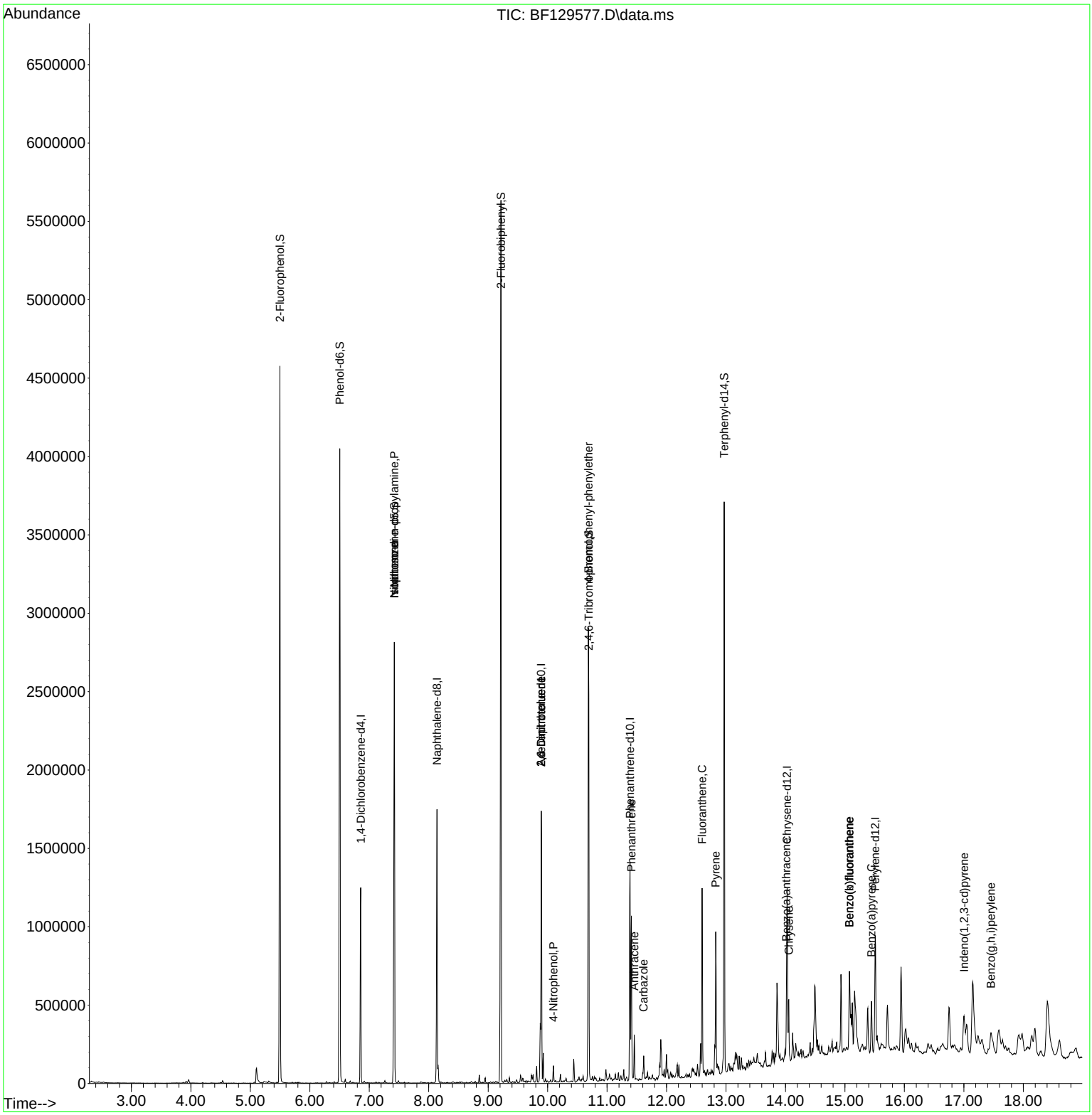
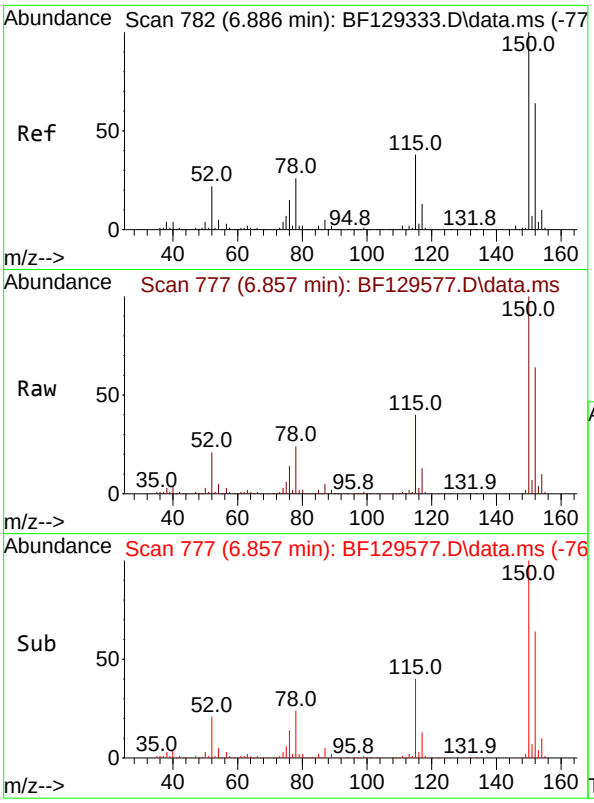


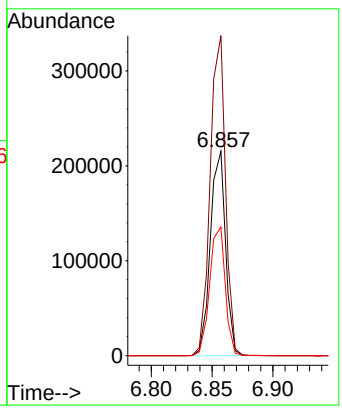


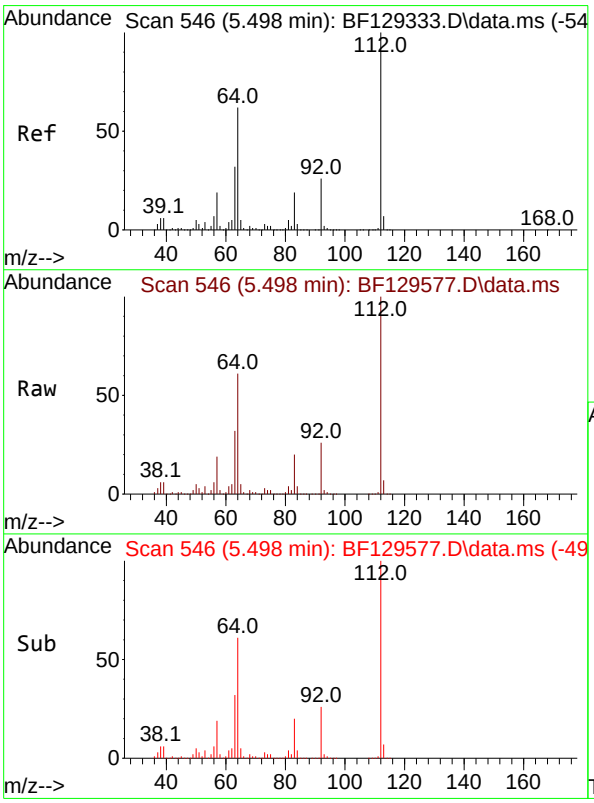
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:152 Resp: 186920

Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.7	185.5
115	63.1	49.9	74.9

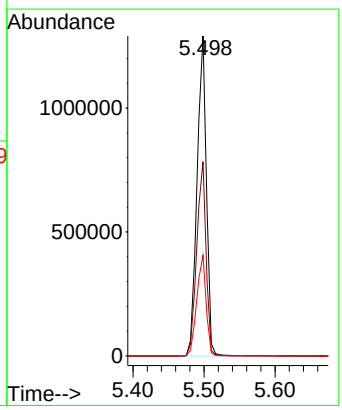


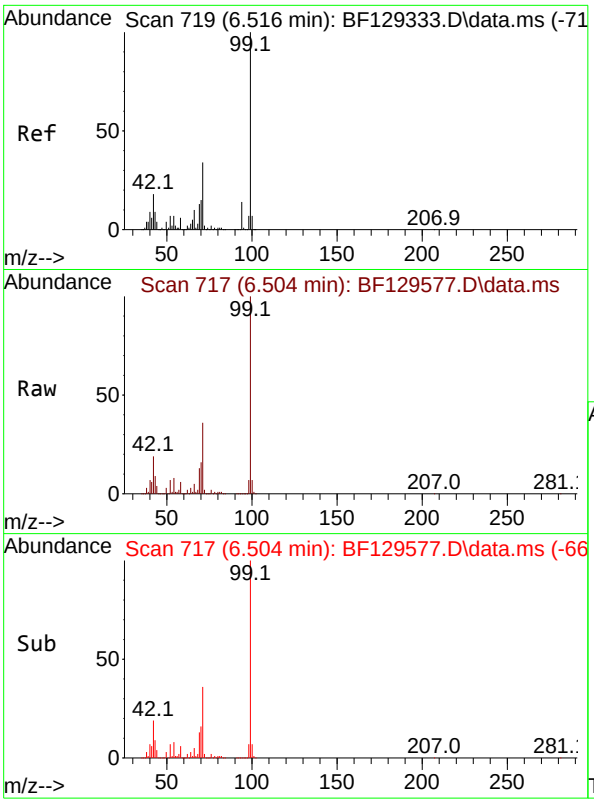


#5
2-Fluorophenol
Concen: 103.296 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Tgt Ion:112 Resp: 1185278

Ion	Ratio	Lower	Upper
112	100		
64	60.7	53.3	79.9
63	31.5	28.0	42.0



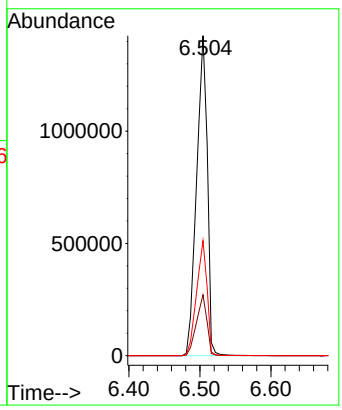


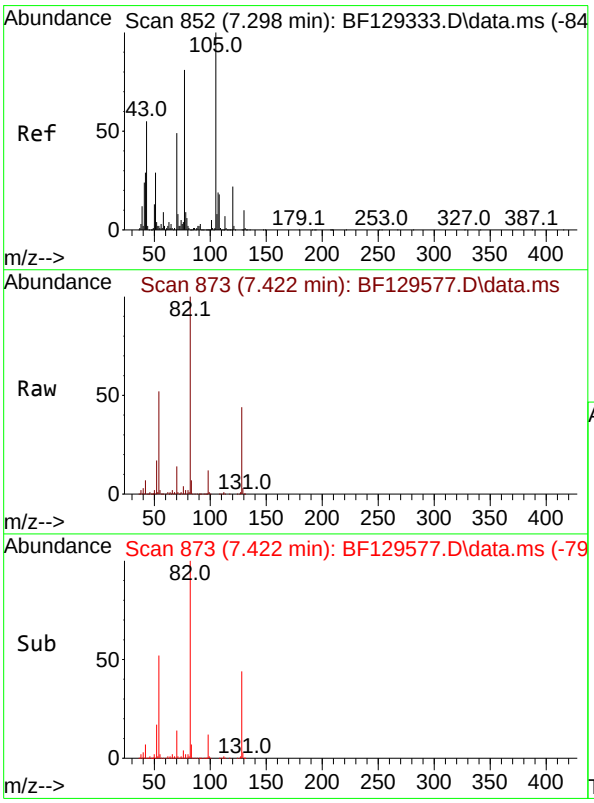
#7
Phenol-d6
Concen: 104.108 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion: 99 Resp: 1501530

Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.3	25.9
71	35.9	28.9	43.3

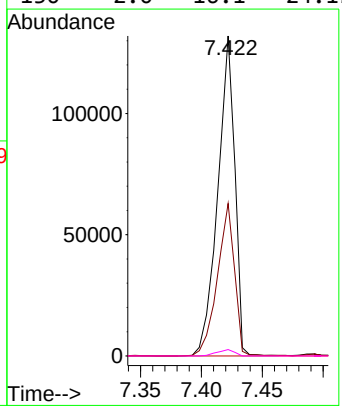


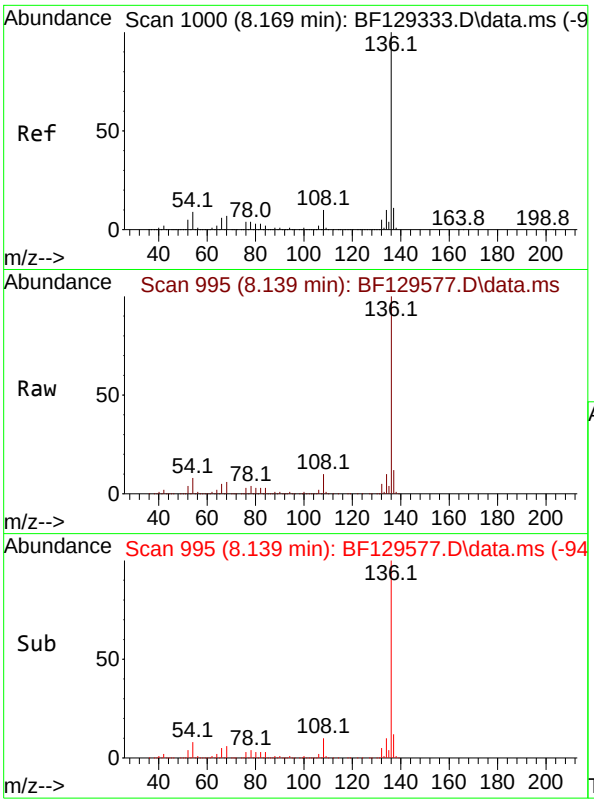


#19
n-Nitroso-di-n-propylamine
Concen: 14.747 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.141 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Tgt Ion: 70 Resp: 128763

Ion	Ratio	Lower	Upper
70	100		
42	47.7	52.3	78.5#
101	0.0	7.5	11.3#
130	2.0	16.1	24.1#



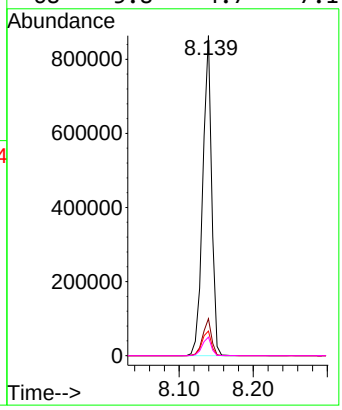


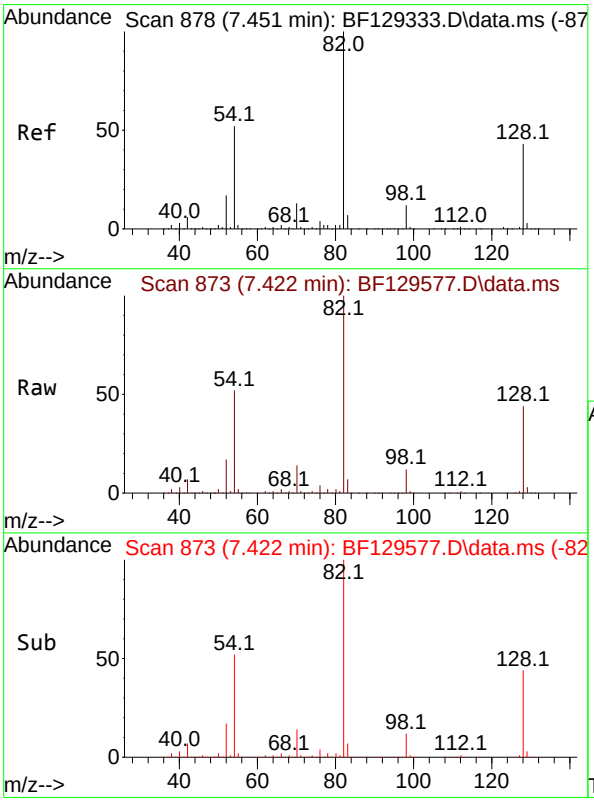
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:136 Resp: 719445

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	7.7	7.5	11.3
68	5.8	4.7	7.1

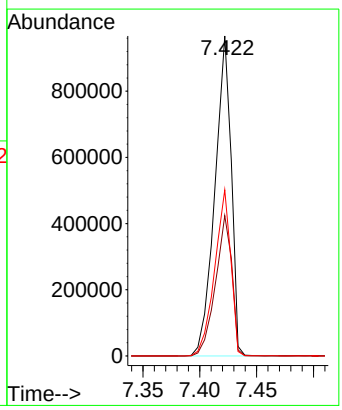


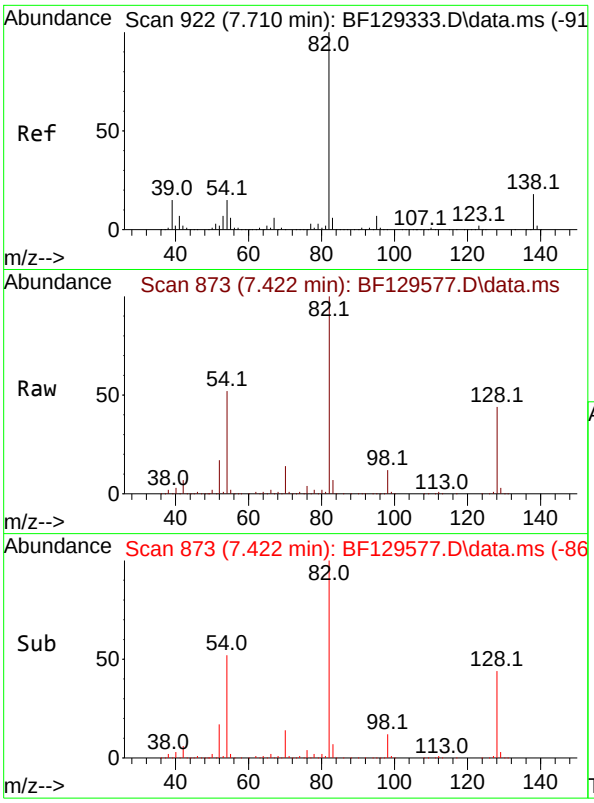


#23
Nitrobenzene-d5
Concen: 73.381 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Tgt Ion: 82 Resp: 967113

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.0	51.0
54	51.9	46.9	70.3



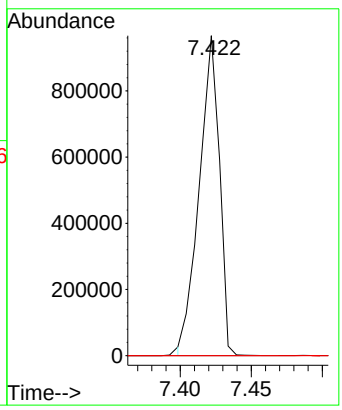


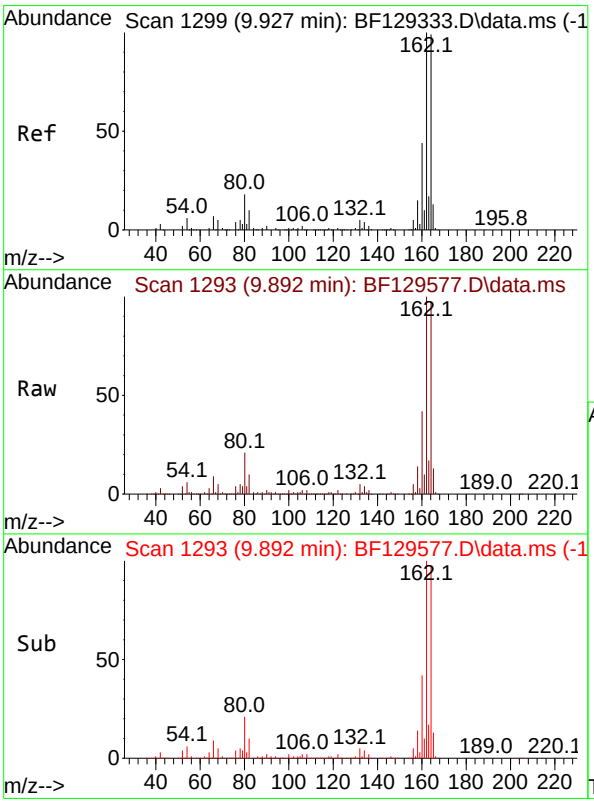
#25
Isophorone
Concen: 40.441 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.271 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion: 82 Resp: 955387

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	14.2	21.2#

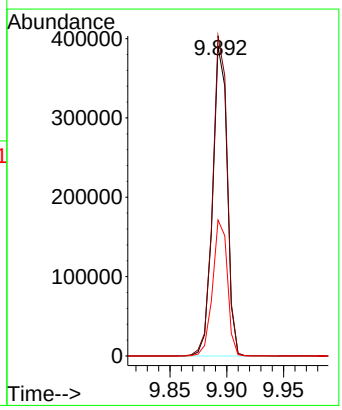


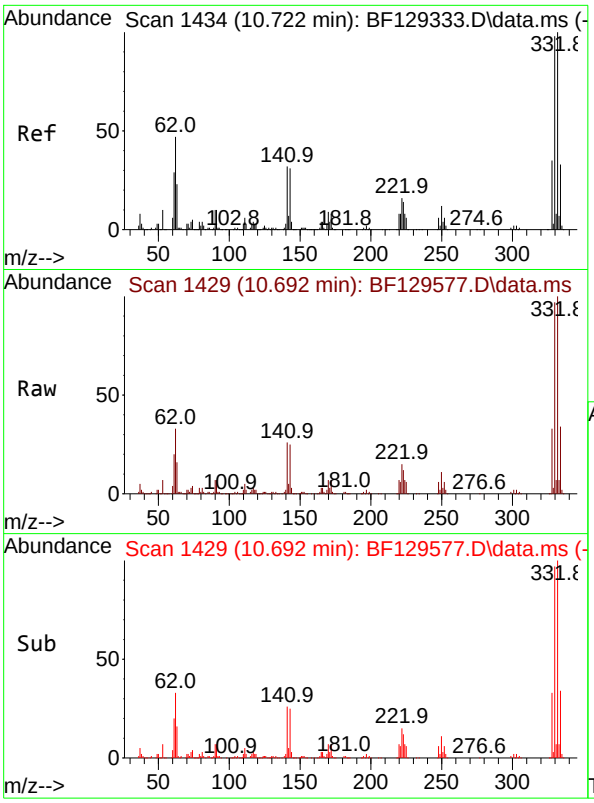


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Tgt Ion:164 Resp: 347427

Ion	Ratio	Lower	Upper
164	100		
162	103.4	79.5	119.3
160	43.9	34.2	51.4



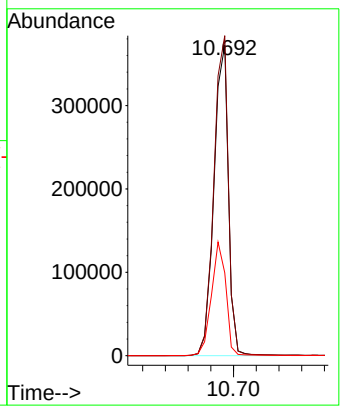


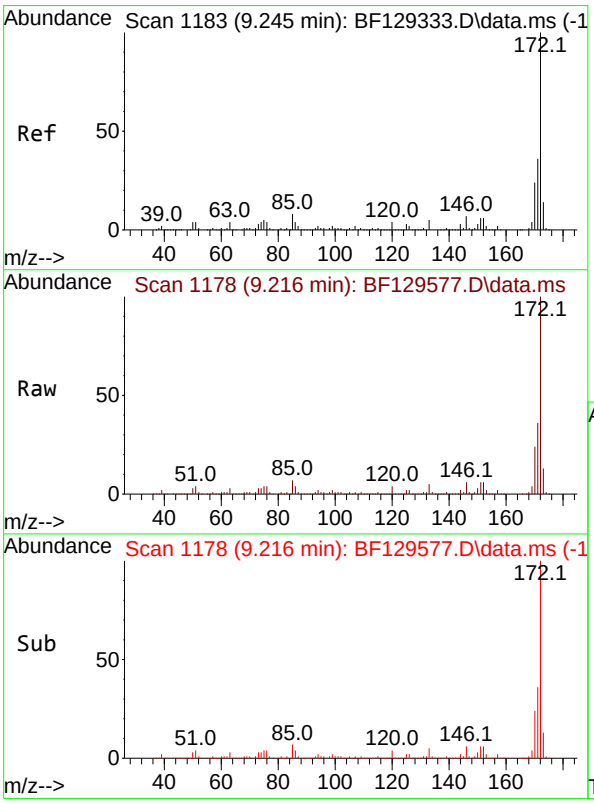
#42
2,4,6-Tribromophenol
Concen: 98.788 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:330 Resp: 329978

Ion	Ratio	Lower	Upper
330	100		
332	103.3	76.8	115.2
141	36.8	28.0	42.0

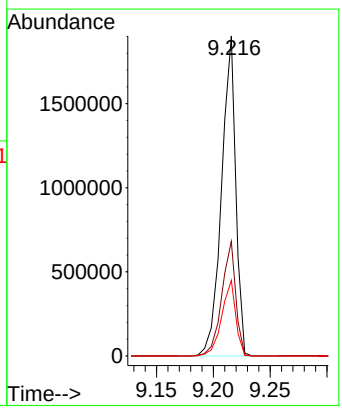


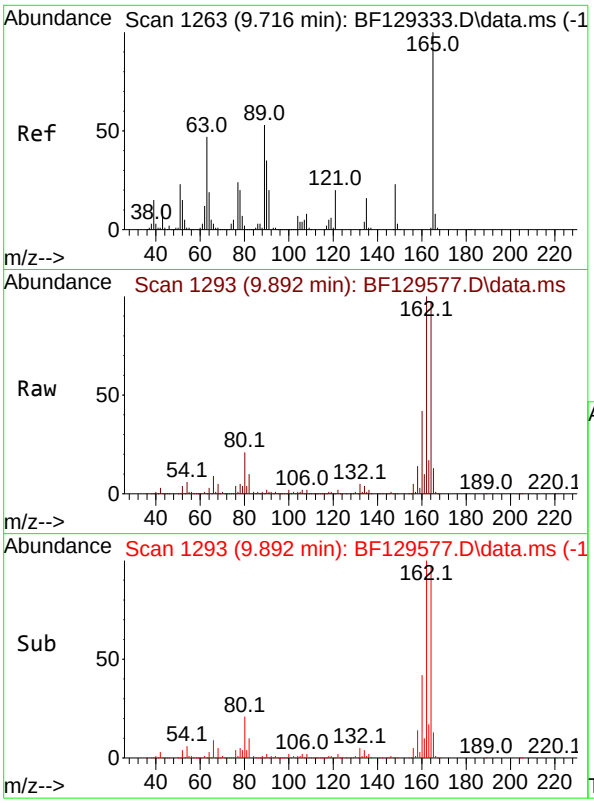


#45
2-Fluorobiphenyl
Concen: 73.984 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Tgt Ion:172 Resp: 1661598

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.6	19.8	29.8



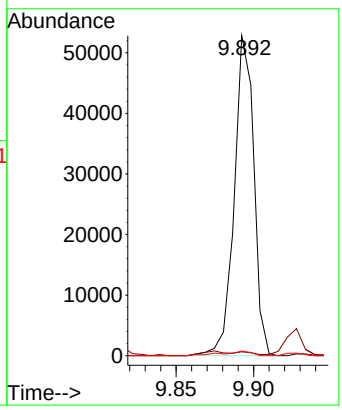


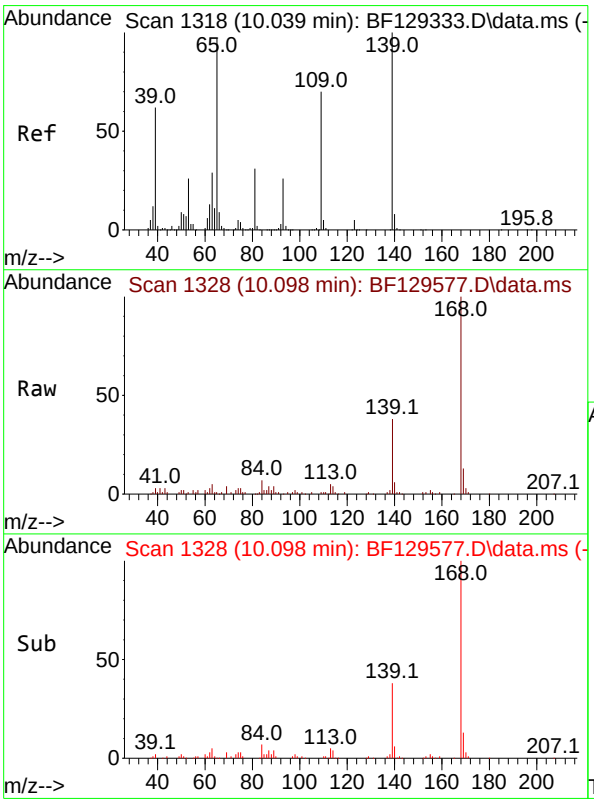
#51
2,6-Dinitrotoluene
Concen: 8.636 ng
RT: 9.892 min Scan# 1
Delta R.T. 0.200 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:165 Resp: 46357

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.9	67.3#
89	1.5	43.6	65.4#

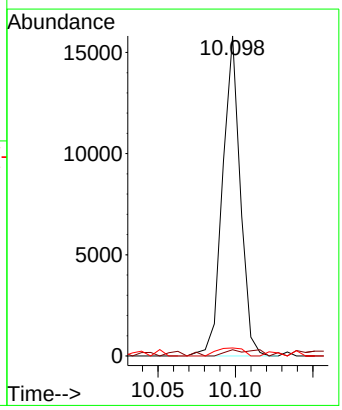


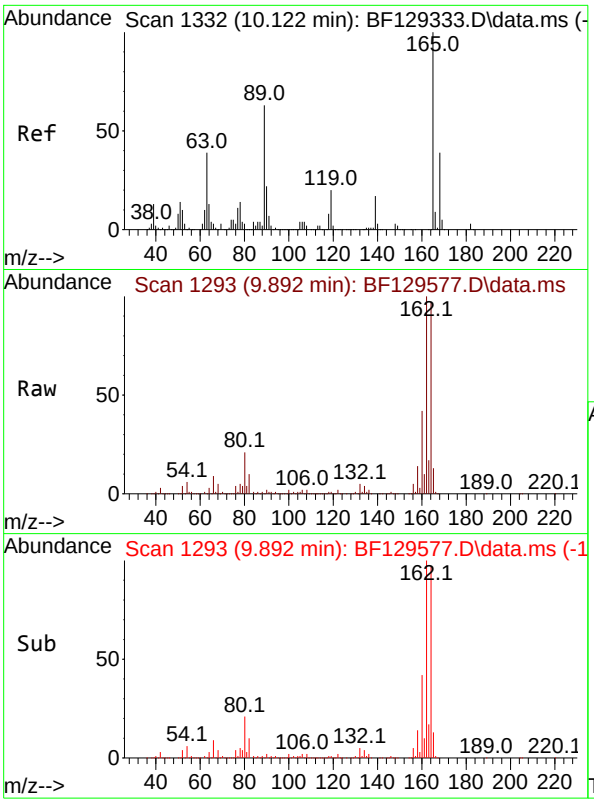


#56
4-Nitrophenol
Concen: 2.683 ng
RT: 10.098 min Scan# 1328
Delta R.T. 0.059 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Tgt Ion:139 Resp: 12546

Ion	Ratio	Lower	Upper
139	100		
109	2.0	50.7	90.7#
65	2.5	74.5	114.5#



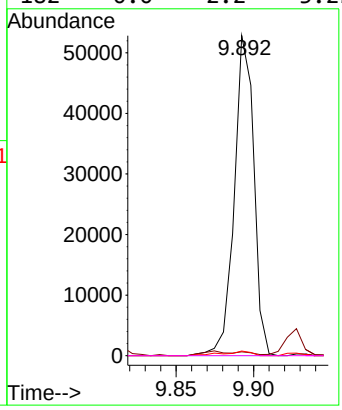


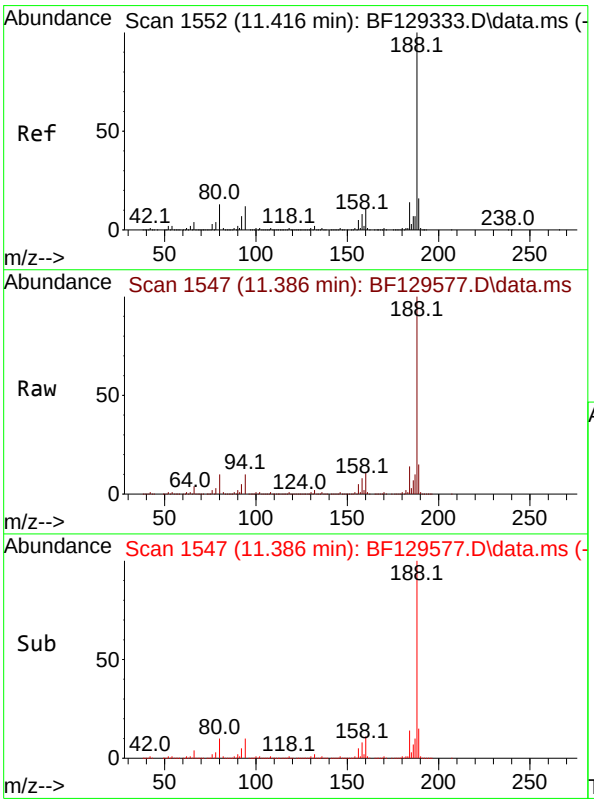
#57
2,4-Dinitrotoluene
Concen: 6.611 ng
RT: 9.892 min Scan# 1
Delta R.T. -0.206 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:165 Resp: 46357

Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.8	59.6#
89	1.5	60.2	90.2#
182	0.0	2.2	3.2#

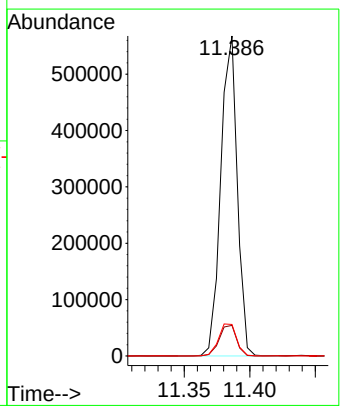


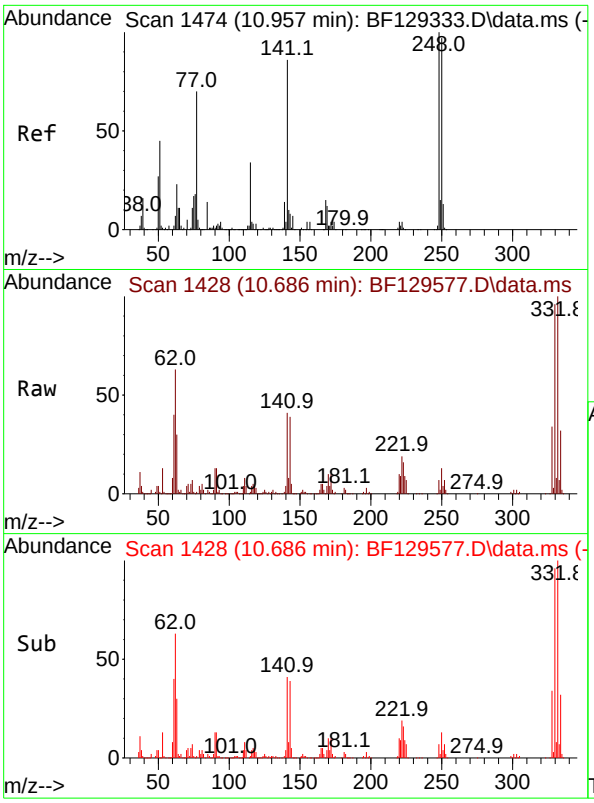


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Tgt Ion:188 Resp: 494566

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.6
80	9.8	7.6	11.4



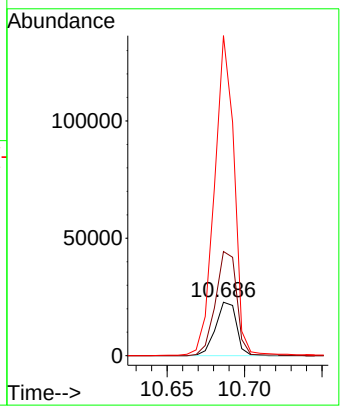


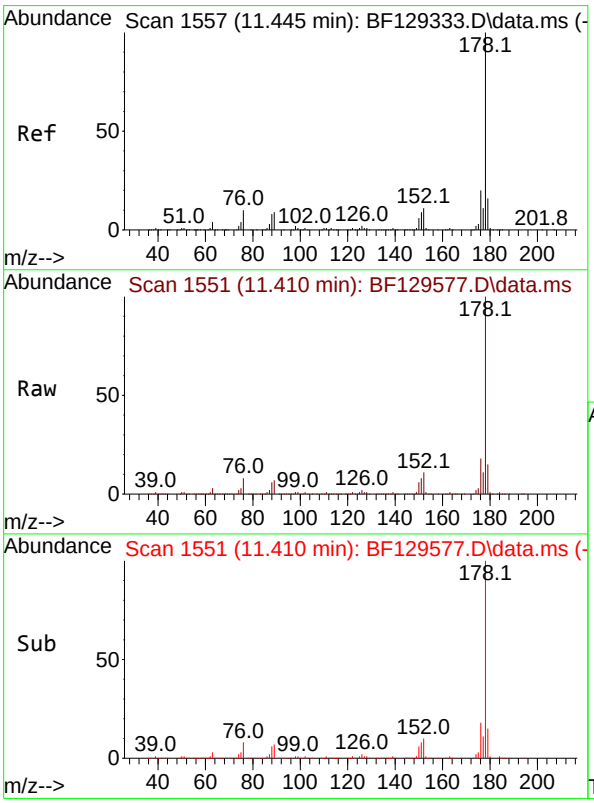
#67
4-Bromophenyl-phenylether
Concen: 3.943 ng
RT: 10.686 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:248 Resp: 21354

Ion	Ratio	Lower	Upper
248	100		
250	195.0	80.6	120.8#
141	599.4	58.9	88.3#

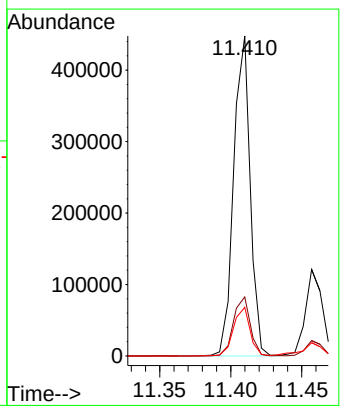


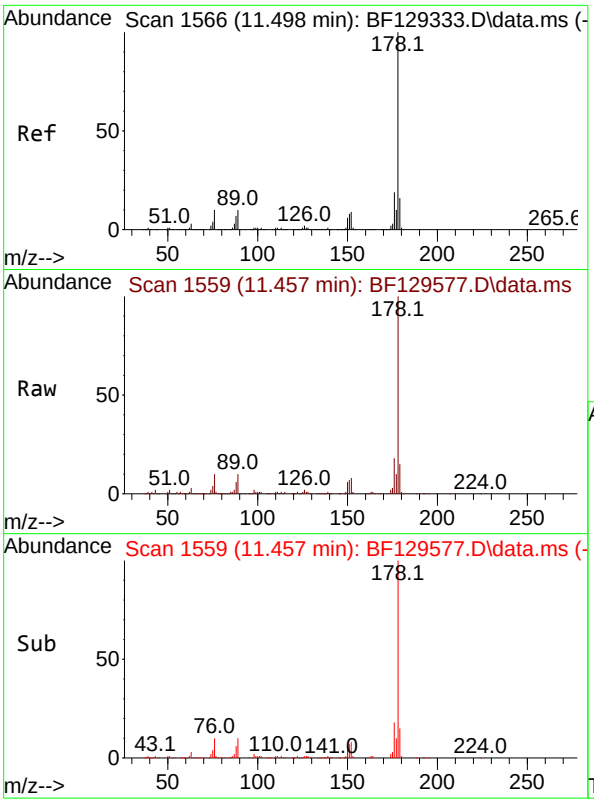


#71
Phenanthrene
Concen: 13.476 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.012 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Tgt Ion:178 Resp: 363799

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.0	24.0
179	15.2	12.6	19.0



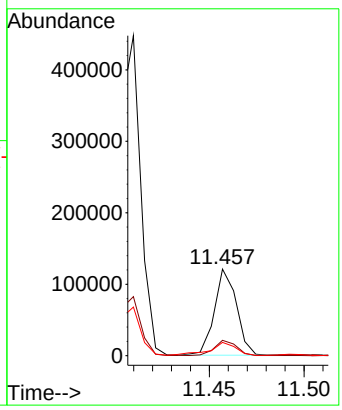


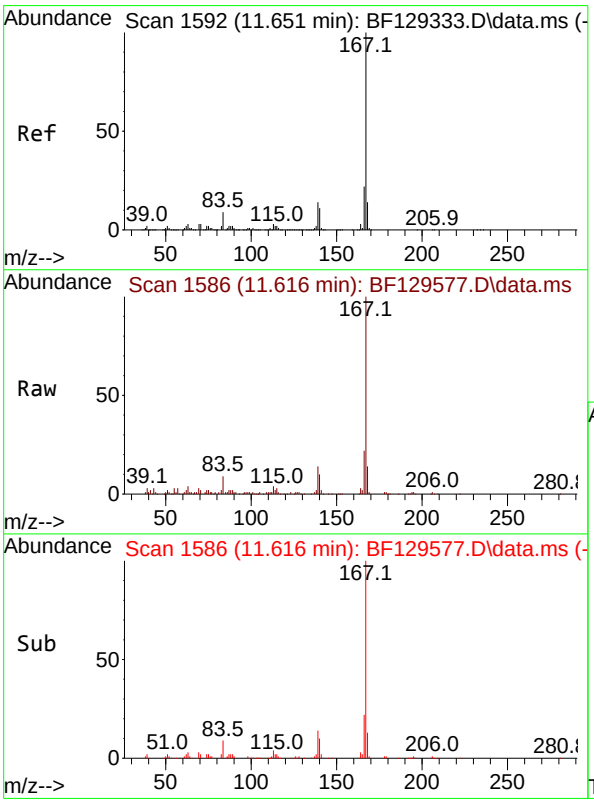
#72
Anthracene
Concen: 3.700 ng
RT: 11.457 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:178 Resp: 98167

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	15.4	12.6	19.0

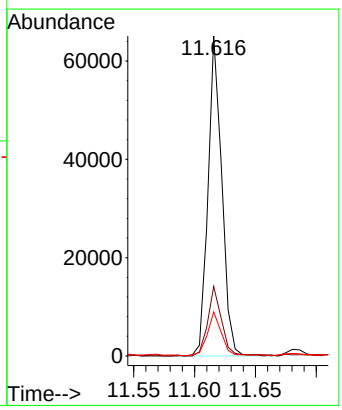


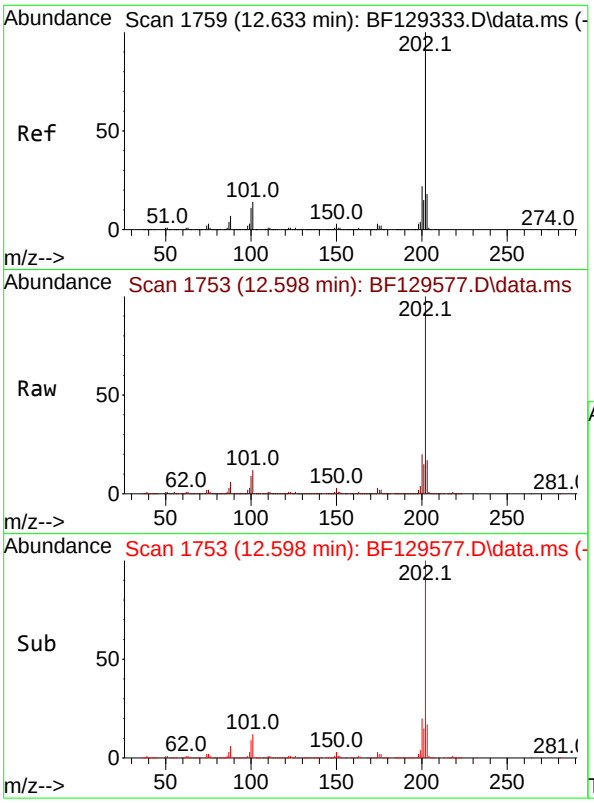


#73
Carbazole
Concen: 2.053 ng
RT: 11.616 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Tgt Ion:167 Resp: 51266

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.7	26.5
139	13.7	11.2	16.8



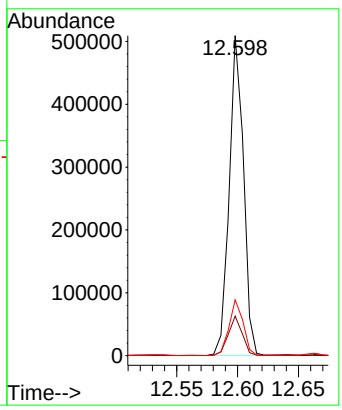


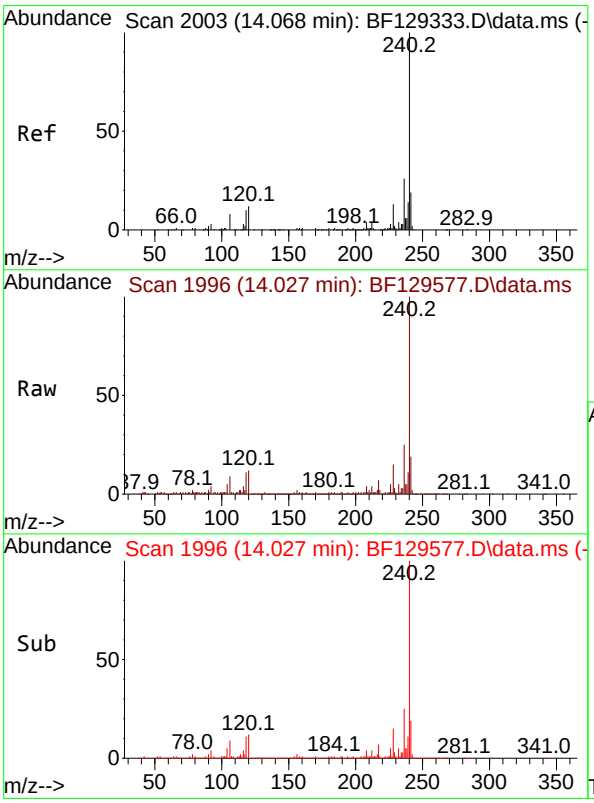
#75
Fluoranthene
Concen: 15.154 ng
RT: 12.598 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:202 Resp: 414526

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.4
203	17.4	0.0	38.0

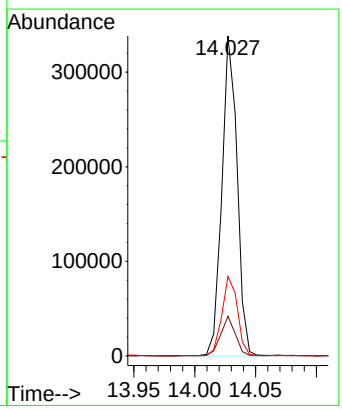


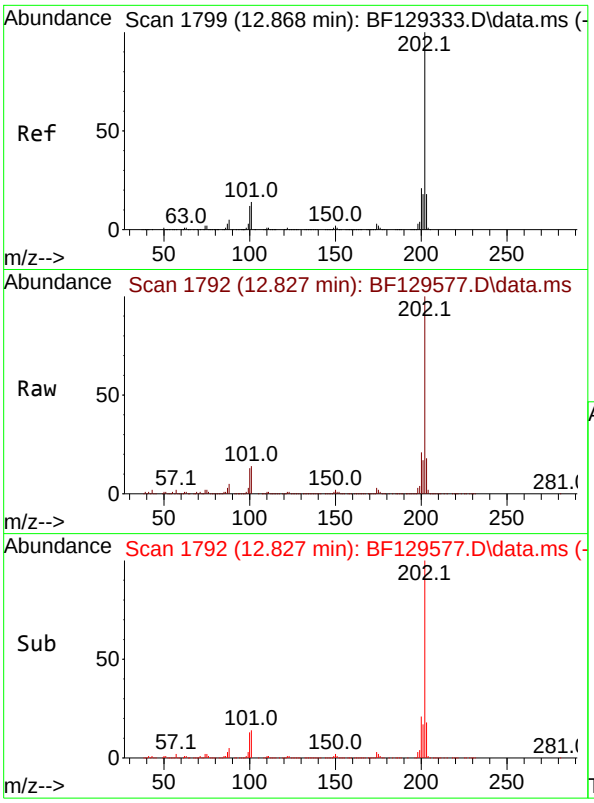


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Tgt Ion:240 Resp: 295184

Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.9	13.3
236	24.9	20.8	31.2



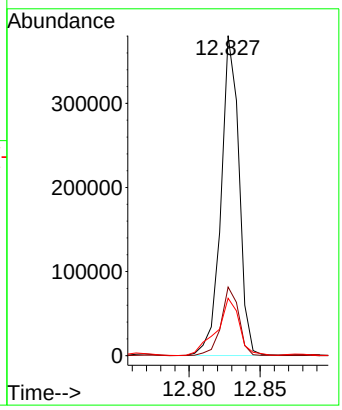


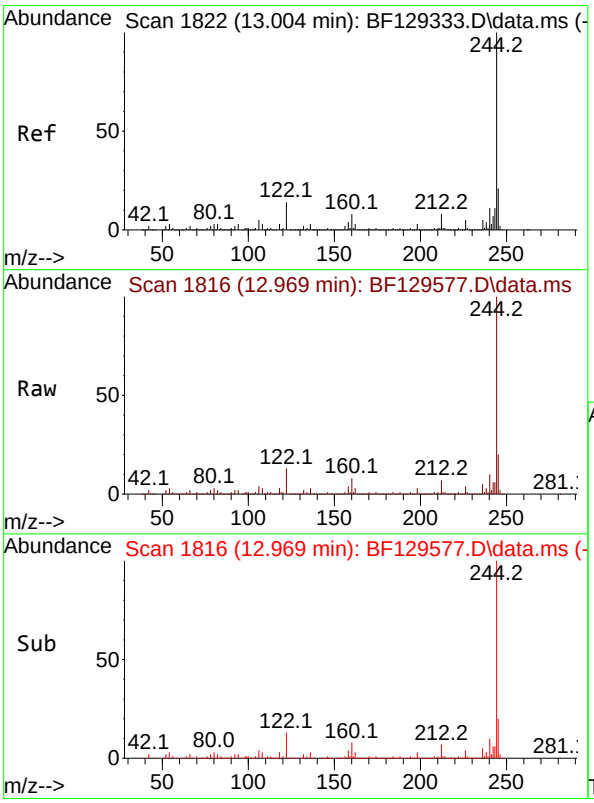
#78
Pyrene
Concen: 13.550 ng
RT: 12.827 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:202 Resp: 334466

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	18.0	14.6	21.8

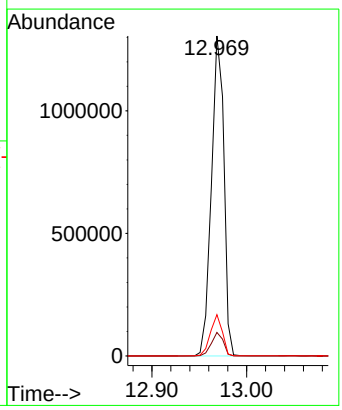


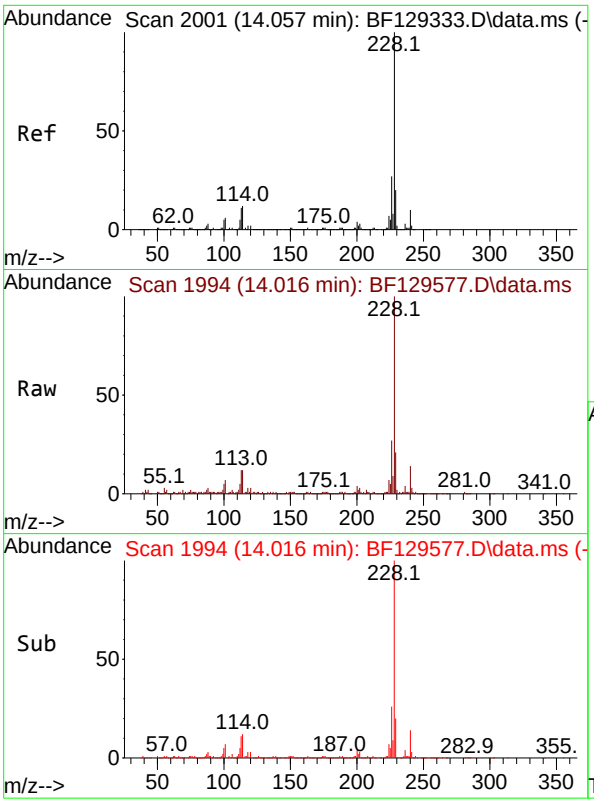


#79
Terphenyl-d14
Concen: 76.086 ng
RT: 12.969 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Tgt Ion:244 Resp: 1190479

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	12.9	8.8	13.2



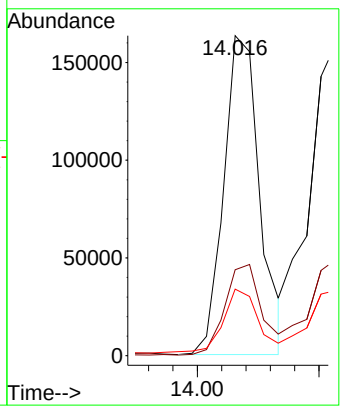


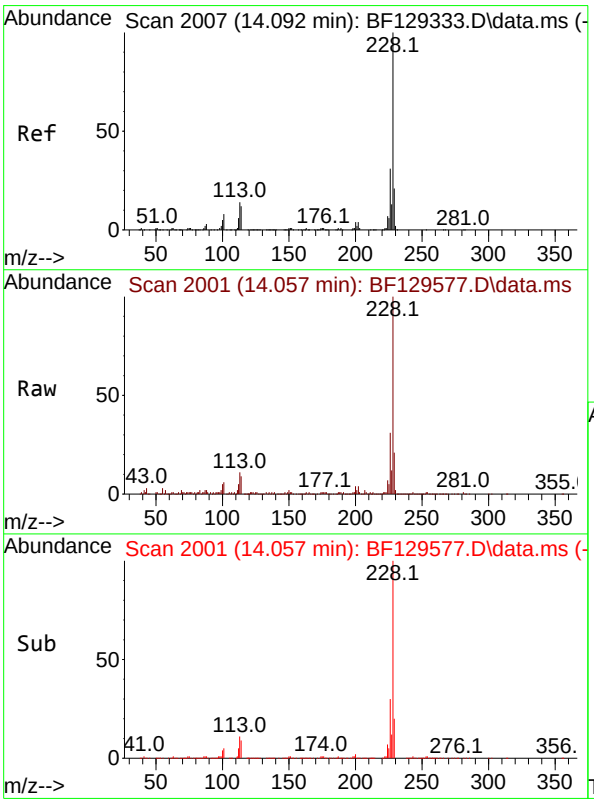
#81
Benzo(a)anthracene
Concen: 8.314 ng
RT: 14.016 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:228 Resp: 167653

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.1	33.1
229	20.8	15.8	23.8

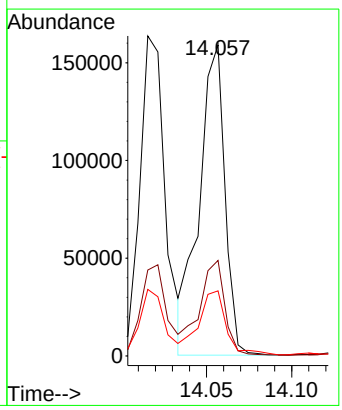


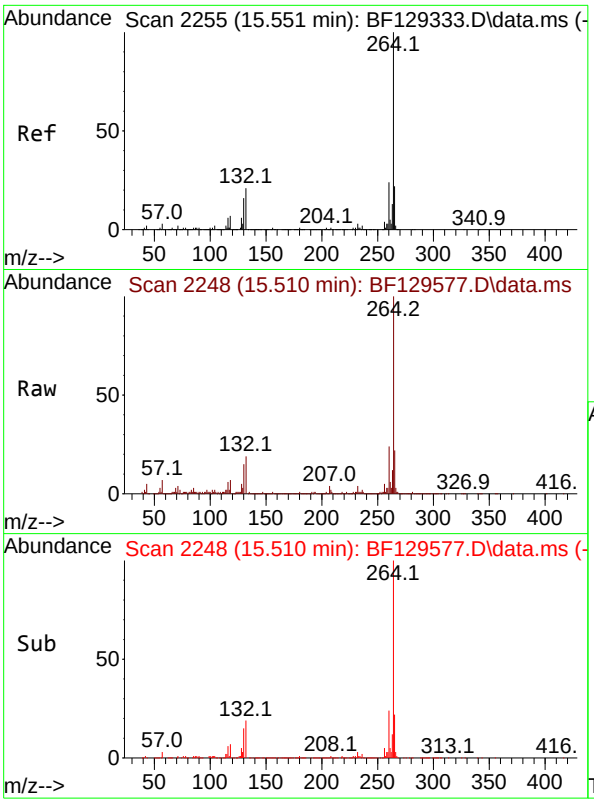


#83
Chrysene
Concen: 8.748 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Tgt Ion:228 Resp: 166253

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	20.9	15.9	23.9



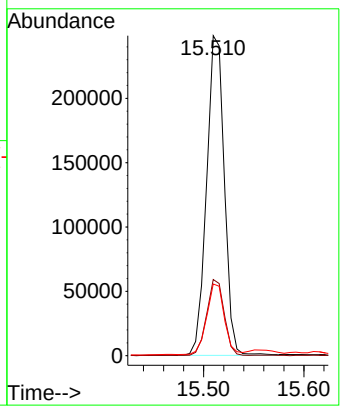


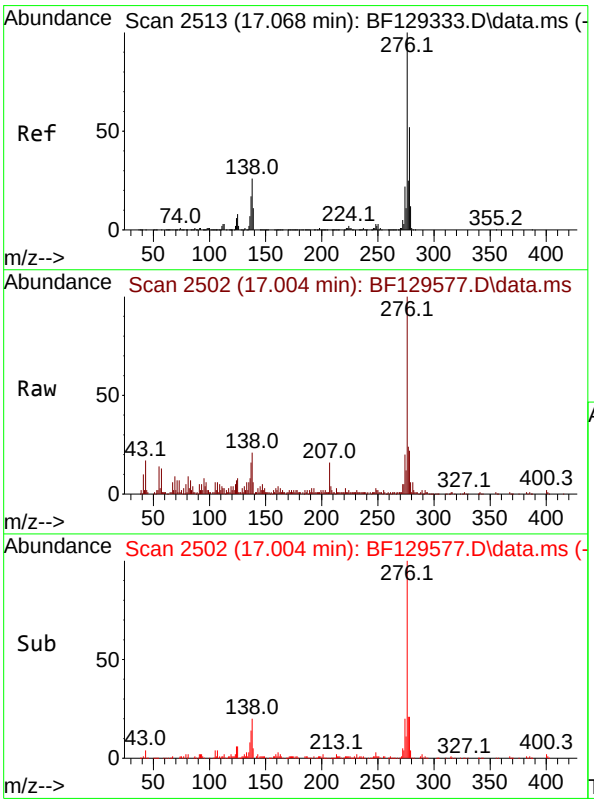
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:264 Resp: 306896

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	22.4	17.2	25.8

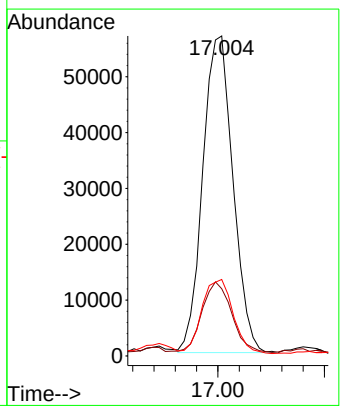


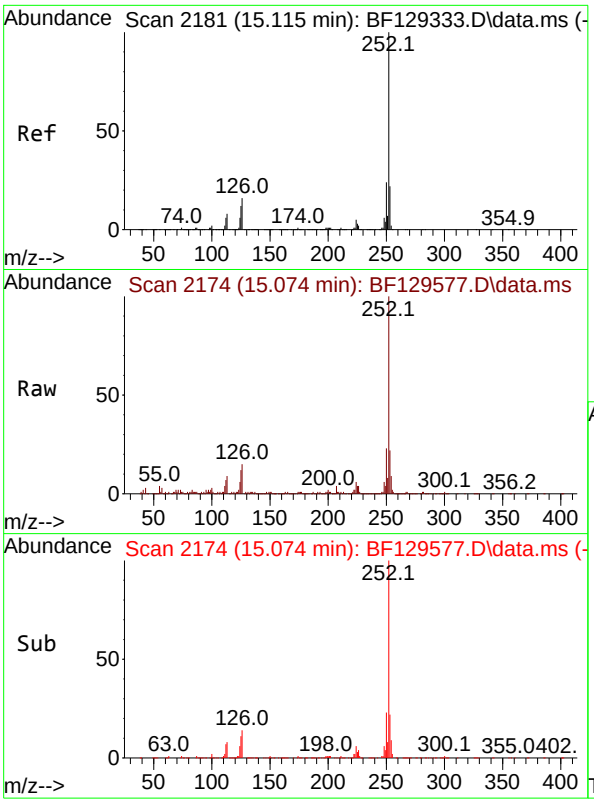


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.406 ng
RT: 17.004 min Scan# 2502
Delta R.T. -0.018 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Tgt Ion:276 Resp: 111714

Ion	Ratio	Lower	Upper
276	100		
138	21.9	21.1	31.7
277	24.2	20.3	30.5



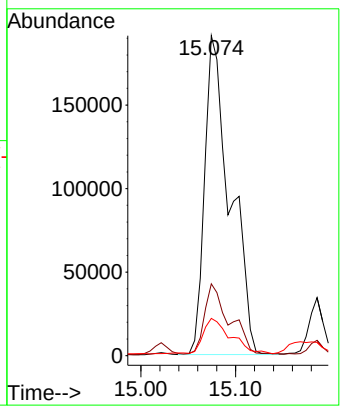


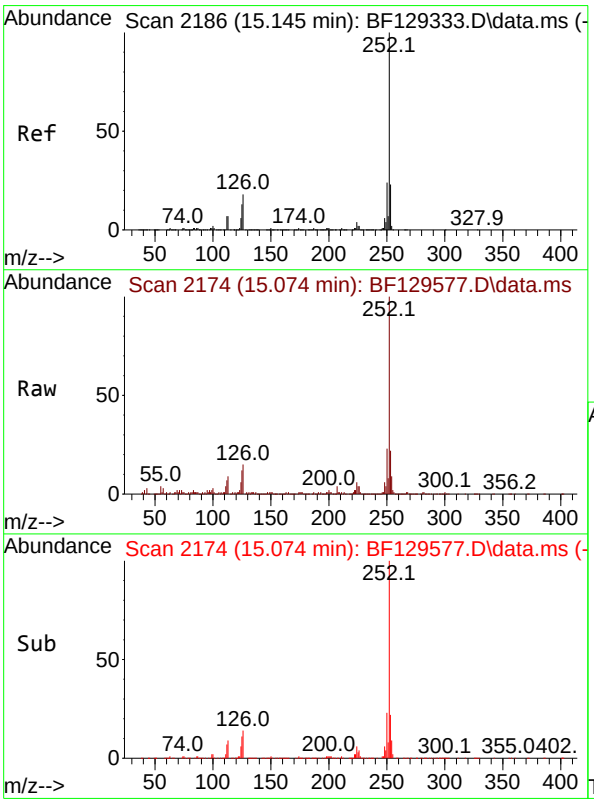
#88
Benzo(b)fluoranthene
Concen: 17.556 ng
RT: 15.074 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:252 Resp: 357394

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	11.6	8.0	12.0

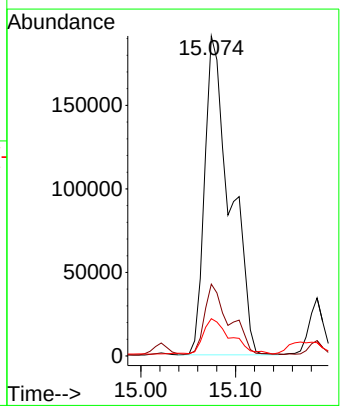


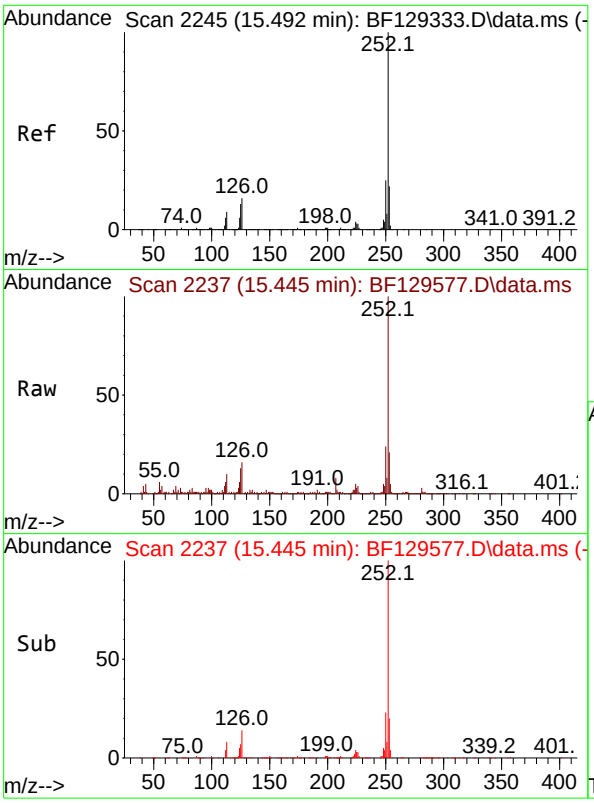


#89
Benzo(k)fluoranthene
Concen: 17.915 ng
RT: 15.074 min Scan# 2174
Delta R.T. -0.041 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Tgt Ion:252 Resp: 357394

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.6	8.3	12.5



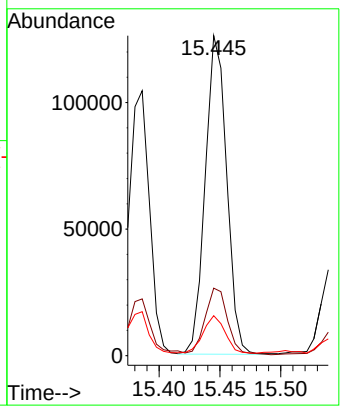


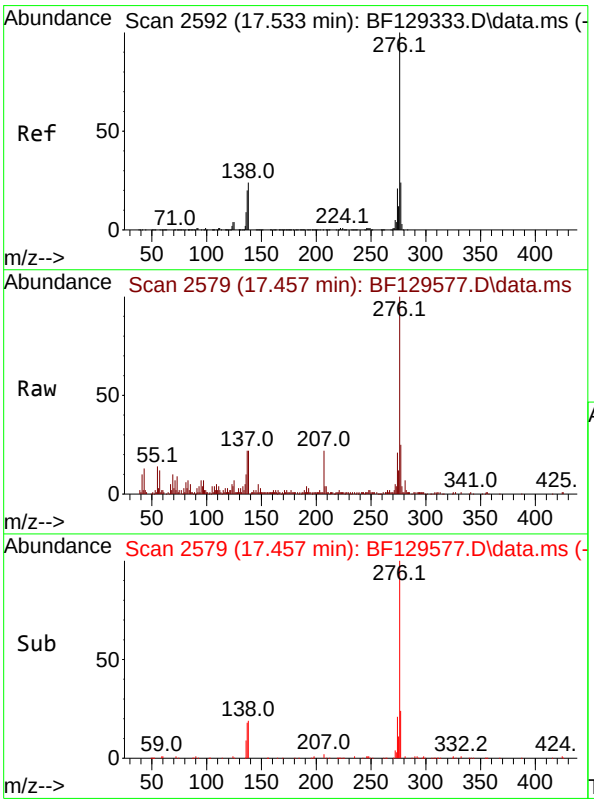
#90
Benzo(a)pyrene
Concen: 9.378 ng
RT: 15.445 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:252 Resp: 154980

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.6
125	12.5	8.8	13.2





#92
Benzo(g,h,i)perylene
Concen: 5.889 ng
RT: 17.457 min Scan# 2579
Delta R.T. -0.024 min
Lab File: BF129577.D
Acq: 04 Aug 2022 19:14

Tgt Ion:276 Resp: 101229

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.1	28.7
138	22.1	18.0	27.0