Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129552.D
Acq On : 03 Aug 2022 21:38
Operator : CG\JU
Sample : N3930-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-108

Quant Time: Aug 04 02:20:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	130334	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	463257	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	194707	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	270739	20.000	ng	0.00
76) Chrysene-d12	14.039	240	288797	20.000	ng	-0.01
86) Perylene-d12	15.527	264	291854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	827926	103.480	ng	0.00
7) Phenol-d6	6.510	99	1004099	99.845	ng	-0.01
23) Nitrobenzene-d5	7.433	82	637801	75.156	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	174728	93.339	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	1035068	82.236	ng	0.00
79) Terphenyl-d14	12.980	244	921691	60.210	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	83193	13.665	ng	# 73
25) Isophorone	7.433	82	637794	41.928	ng	# 65
51) 2,6-Dinitrotoluene	9.904	165	24854	8.262	ng	# 25
56) 4-Nitrophenol	10.110	139	6733	2.569	ng	# 8
57) 2,4-Dinitrotoluene	9.904	165	24854	6.324	ng	# 21
67) 4-Bromophenyl-phenylether	10.698	248	11052	3.728	ng	# 1
71) Phenanthrene	11.421	178	203100	13.743	ng	98
72) Anthracene	11.474	178	56498	3.890	ng	96
73) Carbazole	11.627	167	32647	2.388	ng	98
75) Fluoranthene	12.610	202	309072	20.640	ng	97
78) Pyrene	12.845	202	262662	10.876	ng	97
81) Benzo(a)anthracene	14.033	228	158487	8.034	ng	99
83) Chrysene	14.068	228	165447	8.899	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	85139	4.332	ng	96
88) Benzo(b)fluoranthene	15.092	252	354061	18.289	ng	98
89) Benzo(k)fluoranthene	15.092	252	354061	18.663	ng	98
90) Benzo(a)pyrene	15.462	252	145815	9.278	ng	99
92) Benzo(g,h,i)perylene	17.480	276	73546	4.499	ng	99

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

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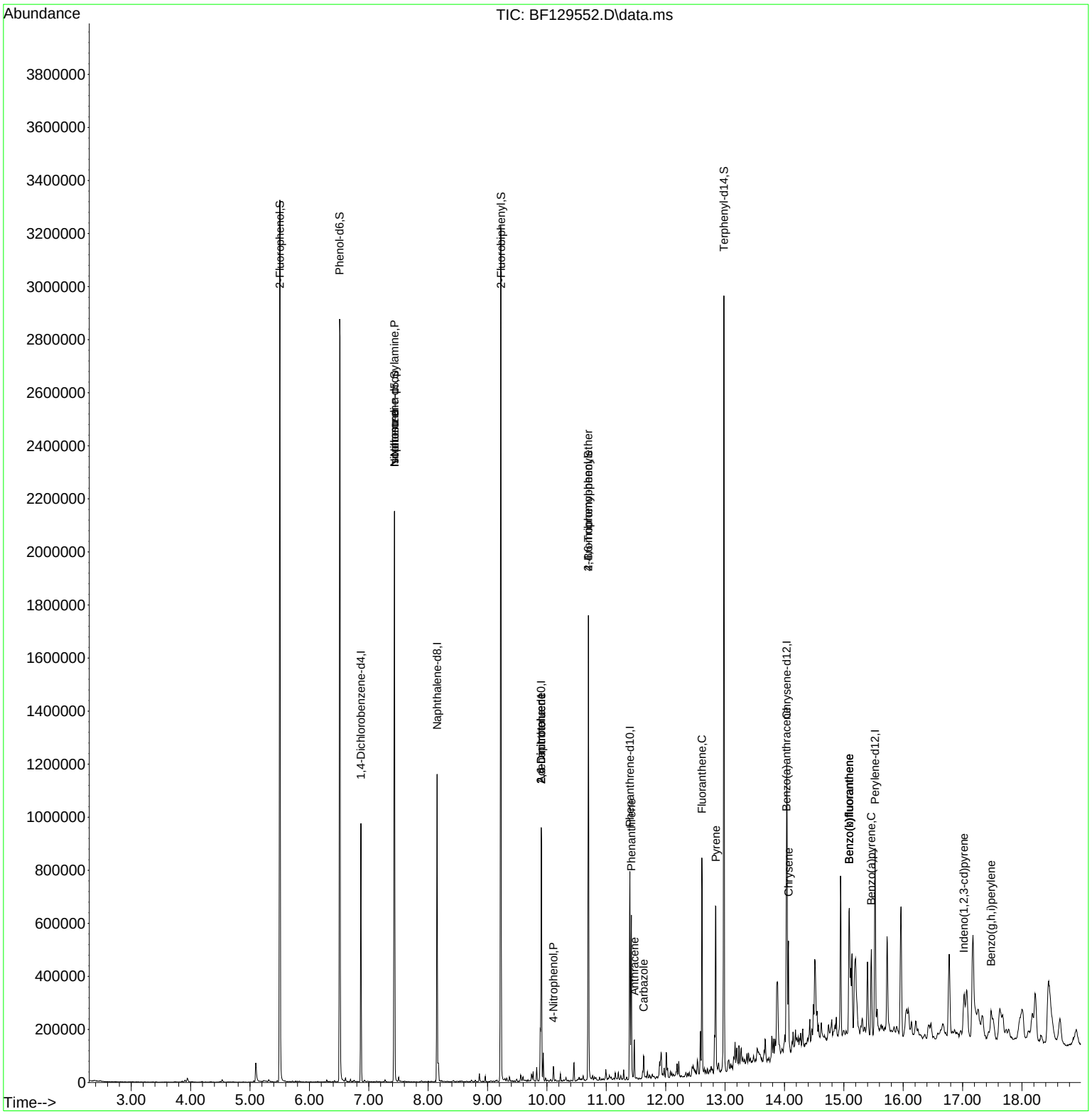
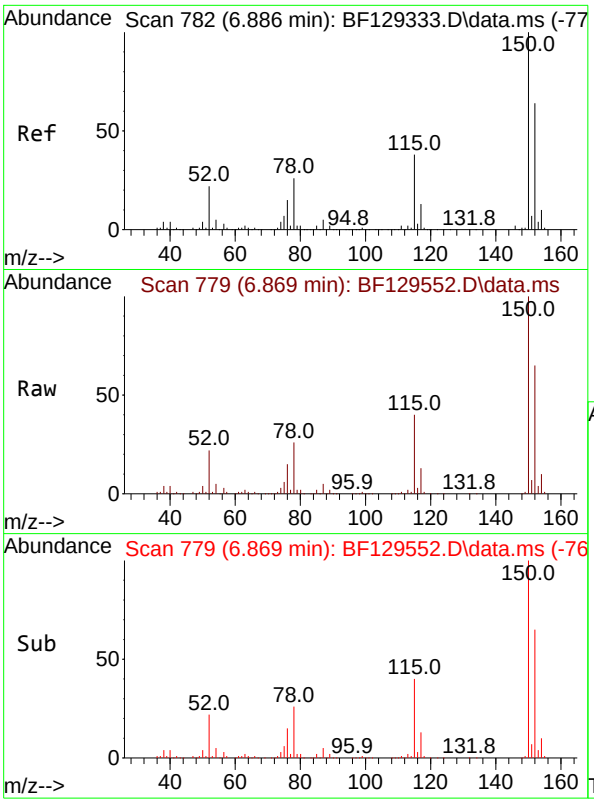


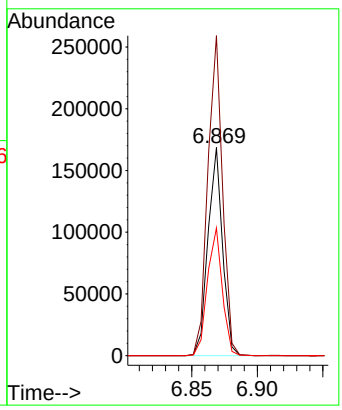


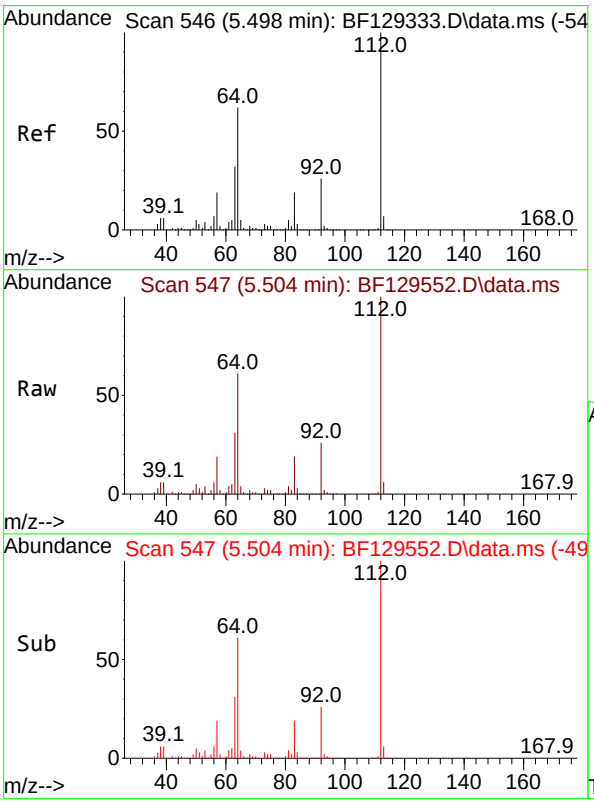
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:152 Resp: 130334

Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.7	185.5
115	61.3	49.9	74.9

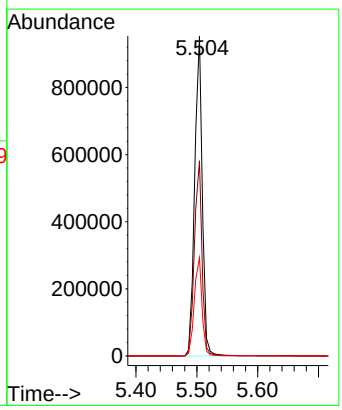


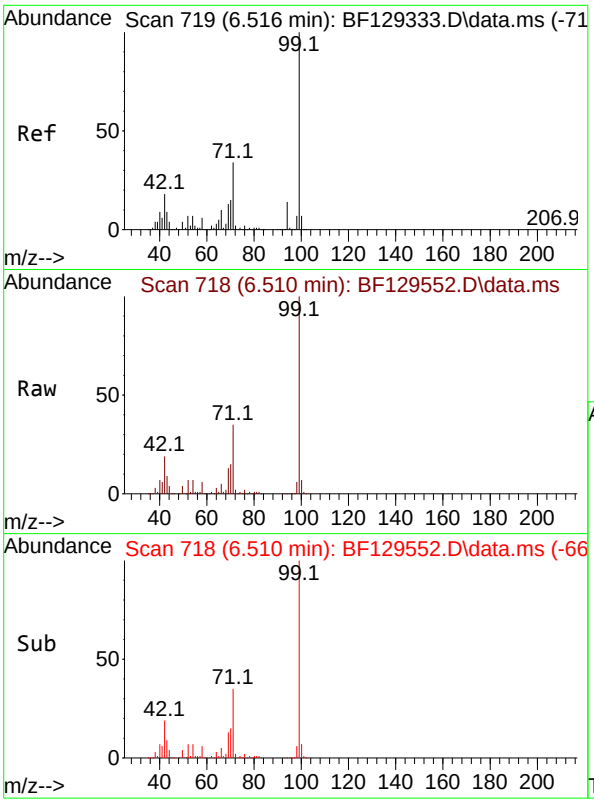


#5
2-Fluorophenol
Concen: 103.480 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.000 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Tgt Ion:112 Resp: 827926

Ion	Ratio	Lower	Upper
112	100		
64	61.0	53.3	79.9
63	30.7	28.0	42.0



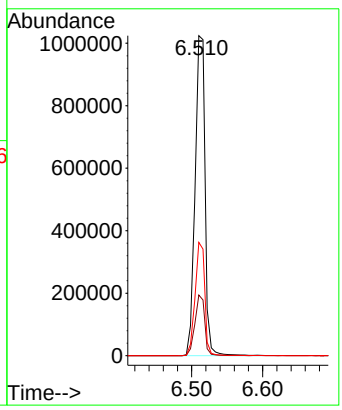


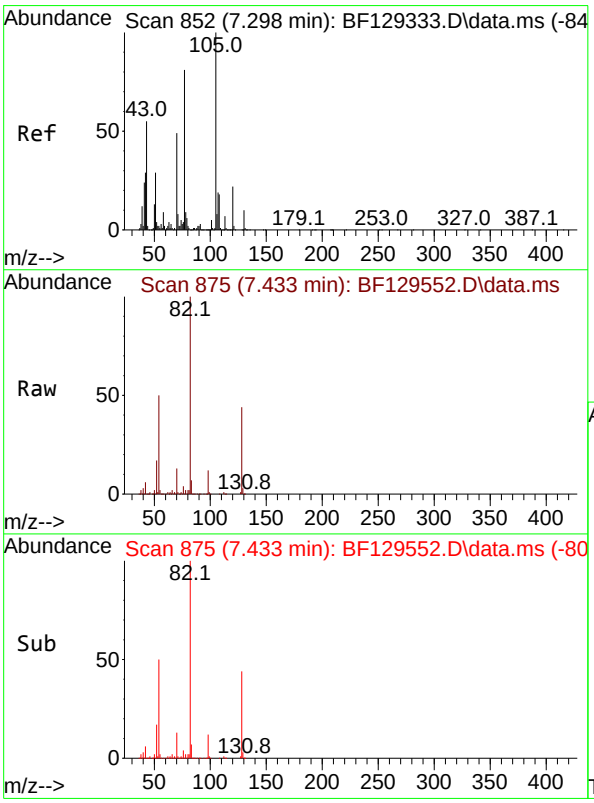
#7
Phenol-d6
Concen: 99.845 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion: 99 Resp: 1004099

Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.3	25.9
71	35.4	28.9	43.3

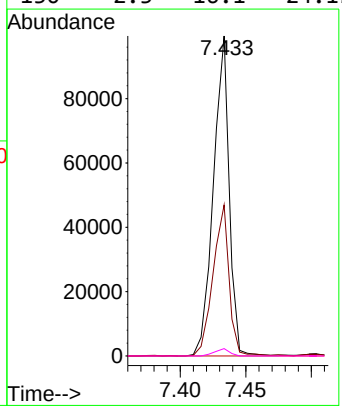


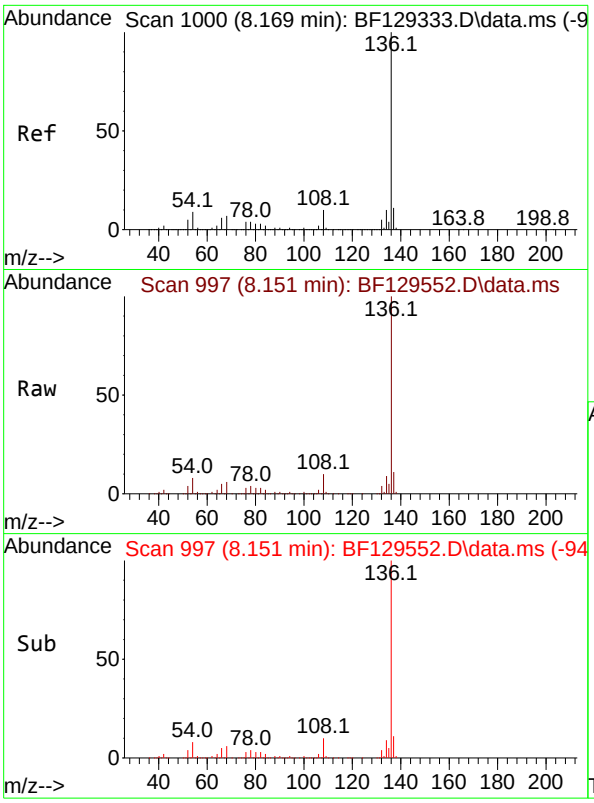


#19
n-Nitroso-di-n-propylamine
Concen: 13.665 ng
RT: 7.433 min Scan# 875
Delta R.T. 0.141 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Tgt Ion: 70 Resp: 83193

Ion	Ratio	Lower	Upper
70	100		
42	47.2	52.3	78.5#
101	0.0	7.5	11.3#
130	2.3	16.1	24.1#



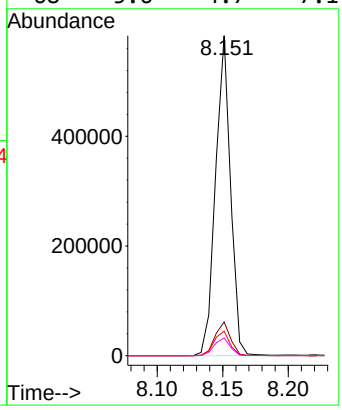


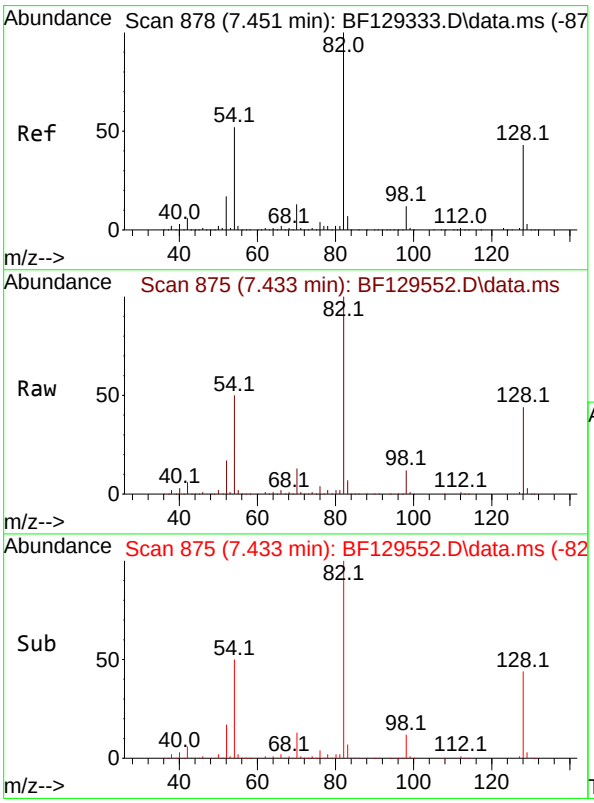
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:136 Resp: 463257

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.6	7.5	11.3
68	5.6	4.7	7.1

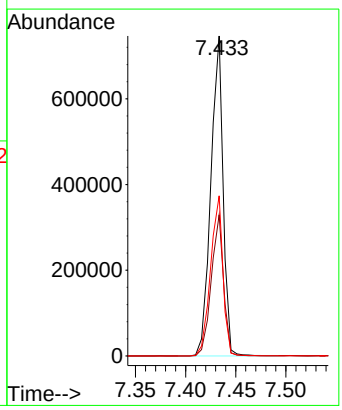


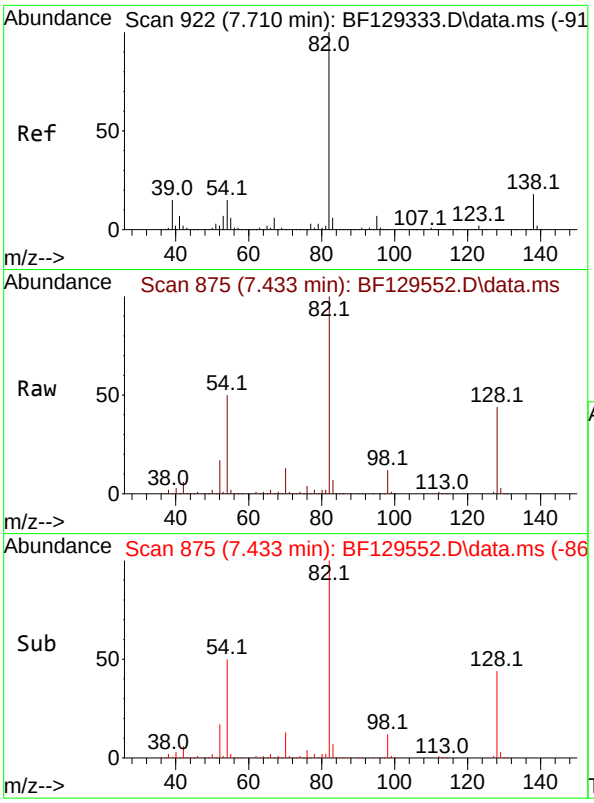


#23
Nitrobenzene-d5
Concen: 75.156 ng
RT: 7.433 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Tgt Ion: 82 Resp: 637801

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.0	51.0
54	50.0	46.9	70.3



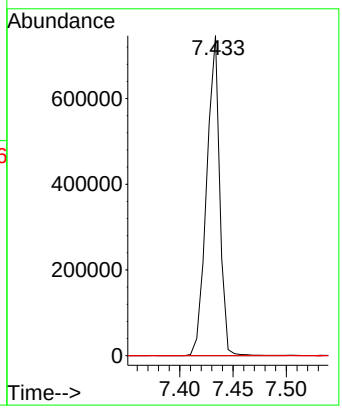


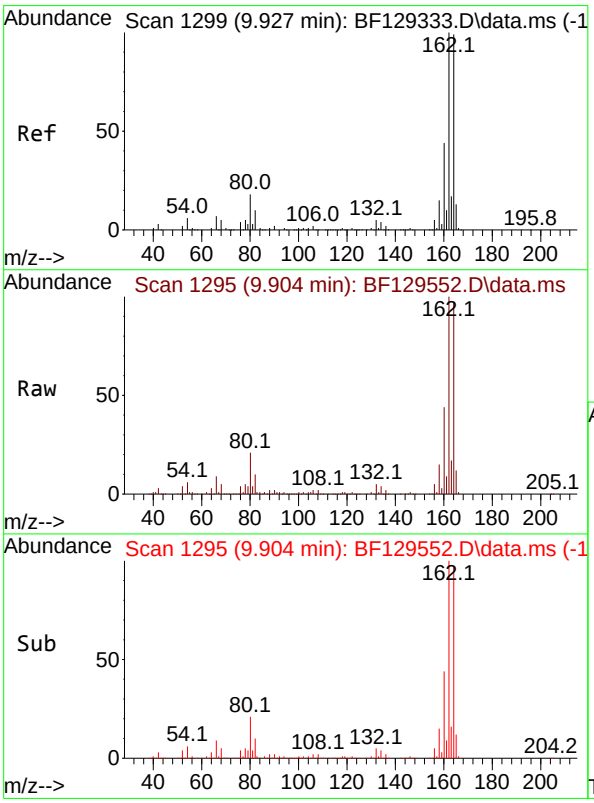
#25
Isophorone
Concen: 41.928 ng
RT: 7.433 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion: 82 Resp: 637794

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

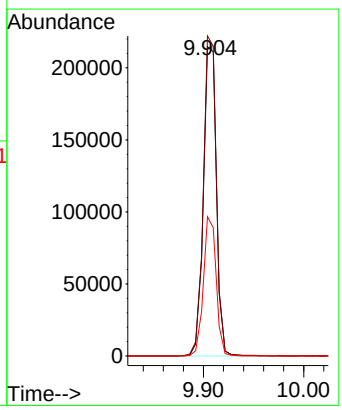


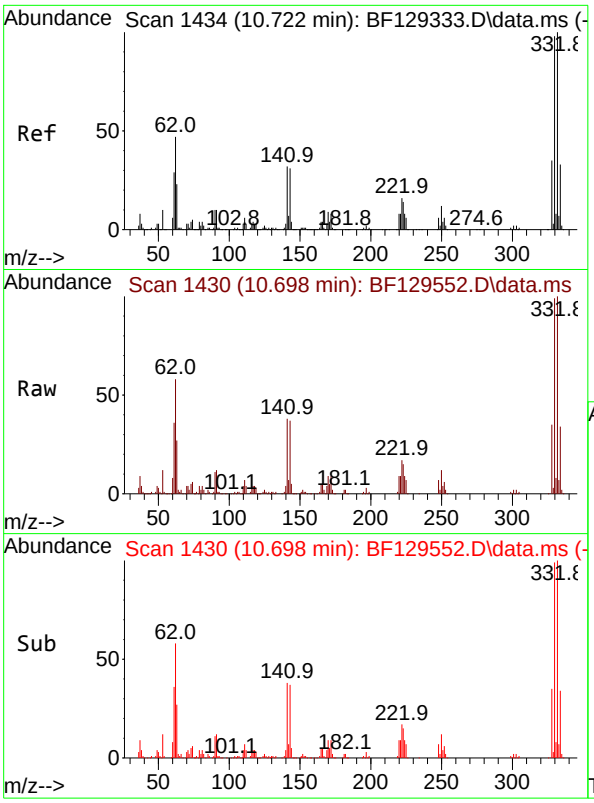


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Tgt Ion:164 Resp: 194707

Ion	Ratio	Lower	Upper
164	100		
162	103.5	79.5	119.3
160	45.0	34.2	51.4



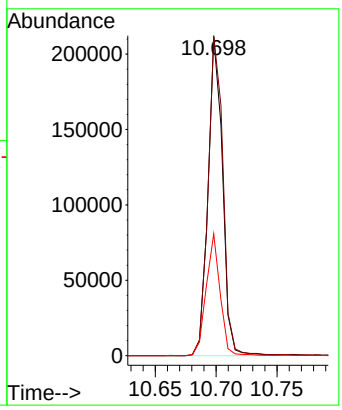


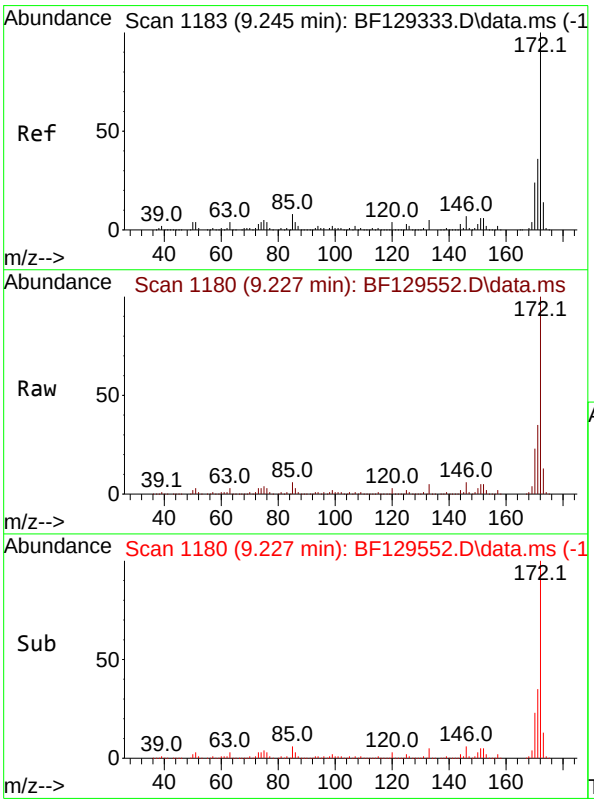
#42
2,4,6-Tribromophenol
Concen: 93.339 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:330 Resp: 174728

Ion	Ratio	Lower	Upper
330	100		
332	104.0	76.8	115.2
141	37.1	28.0	42.0

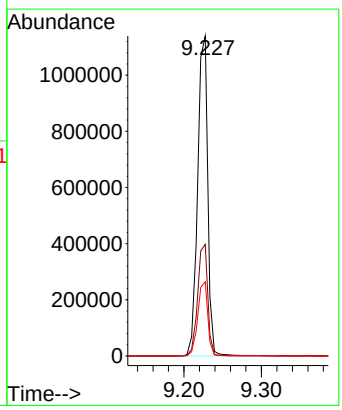


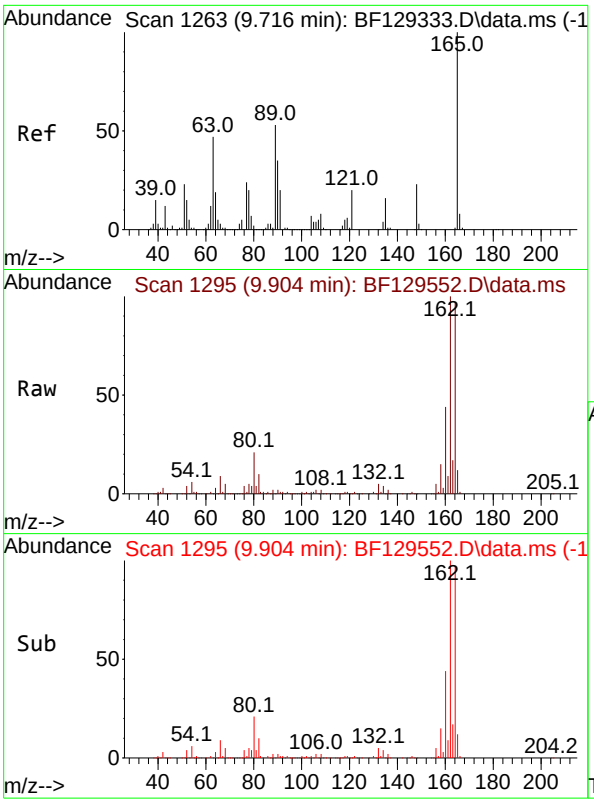


#45
2-Fluorobiphenyl
Concen: 82.236 ng
RT: 9.227 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Tgt Ion:172 Resp: 1035068

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.8	43.2
170	23.2	19.8	29.8



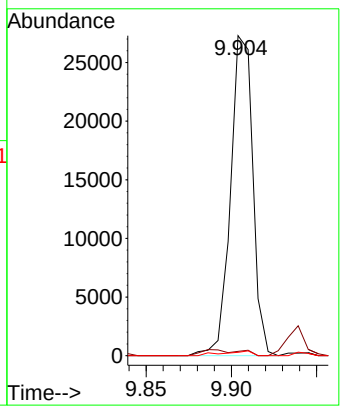


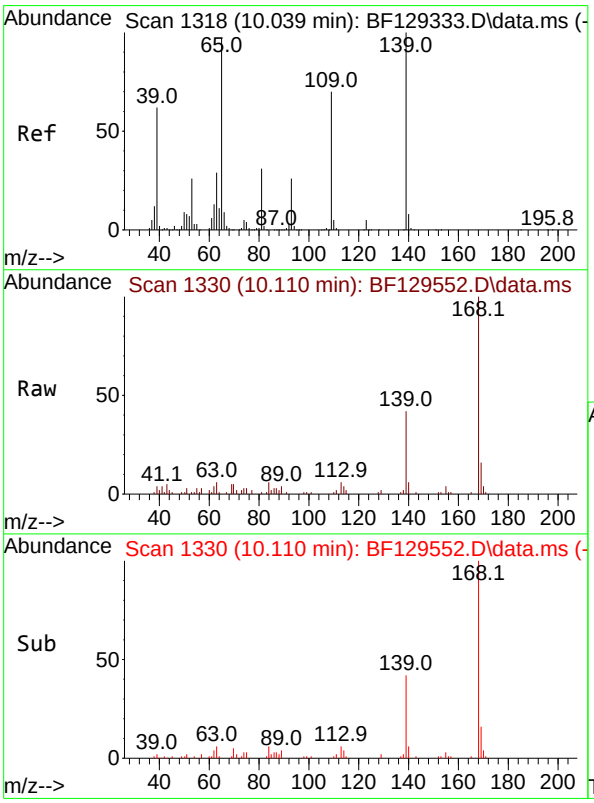
#51
2,6-Dinitrotoluene
Concen: 8.262 ng
RT: 9.904 min Scan# 1
Delta R.T. 0.200 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:165 Resp: 24854

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.9	67.3#
89	1.1	43.6	65.4#

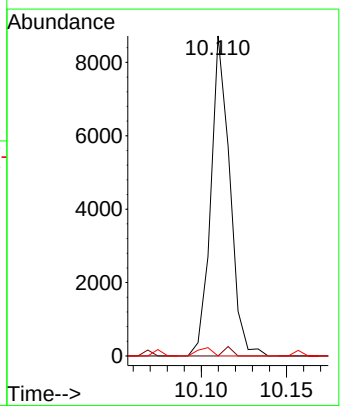


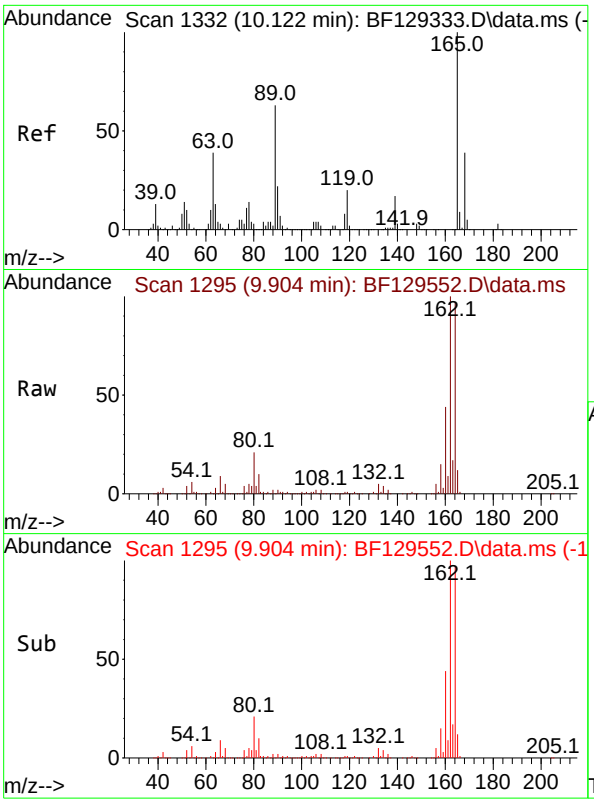


#56
4-Nitrophenol
Concen: 2.569 ng
RT: 10.110 min Scan# 1330
Delta R.T. 0.065 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Tgt Ion:139 Resp: 6733

Ion	Ratio	Lower	Upper
139	100		
109	0.0	50.7	90.7#
65	0.0	74.5	114.5#



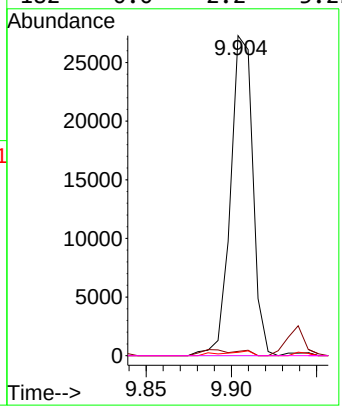


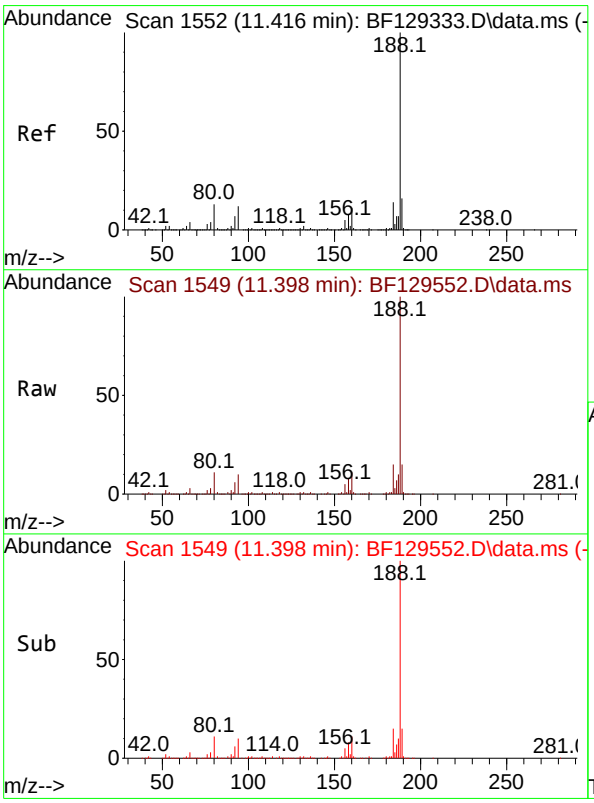
#57
2,4-Dinitrotoluene
Concen: 6.324 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.206 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:165 Resp: 24854

Ion	Ratio	Lower	Upper
165	100		
63	1.4	39.8	59.6#
89	1.1	60.2	90.2#
182	0.0	2.2	3.2#

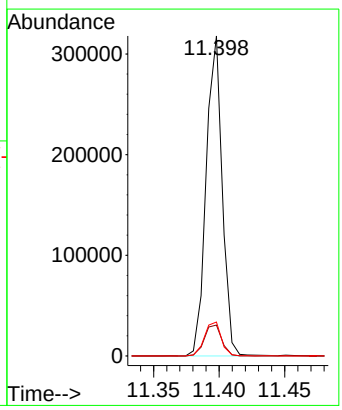


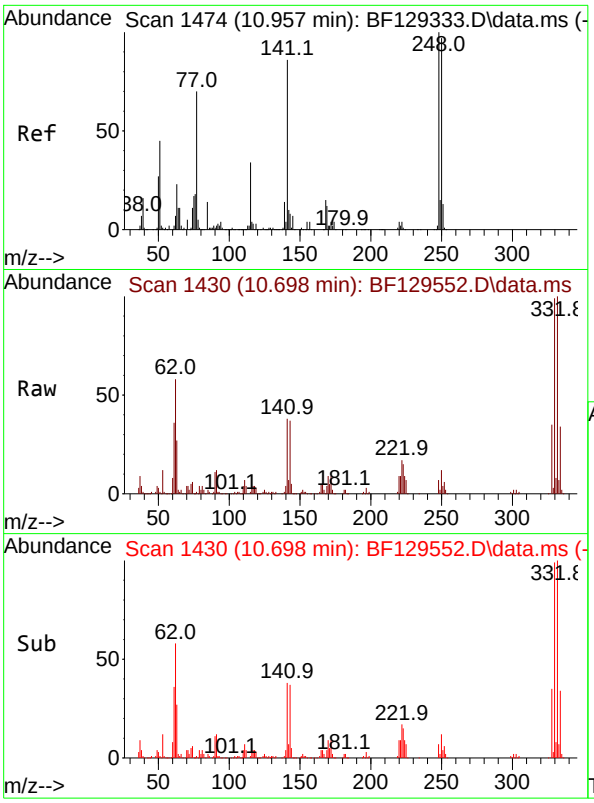


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Tgt Ion:188 Resp: 270739

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



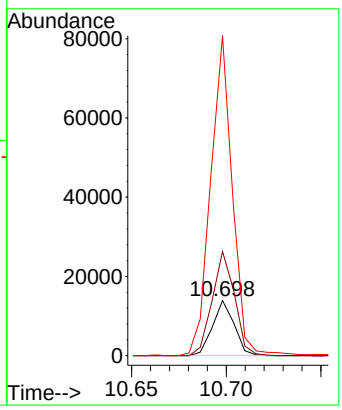


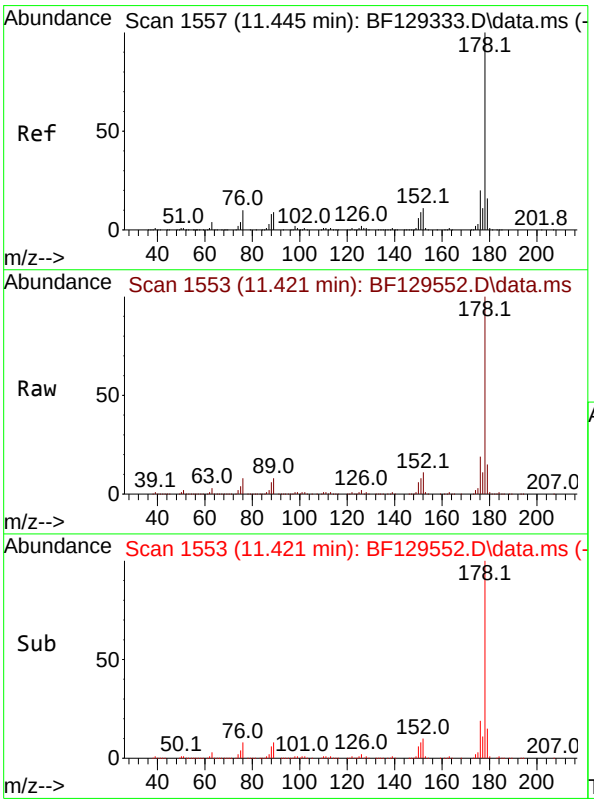
#67
4-Bromophenyl-phenylether
Concen: 3.728 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:248 Resp: 11052

Ion	Ratio	Lower	Upper
248	100		
250	188.6	80.6	120.8#
141	579.5	58.9	88.3#

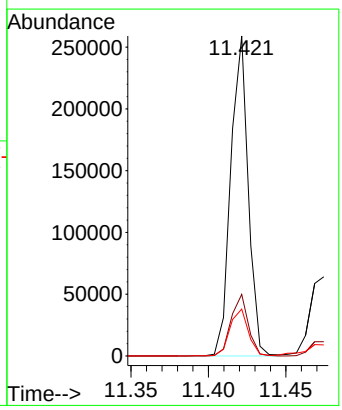


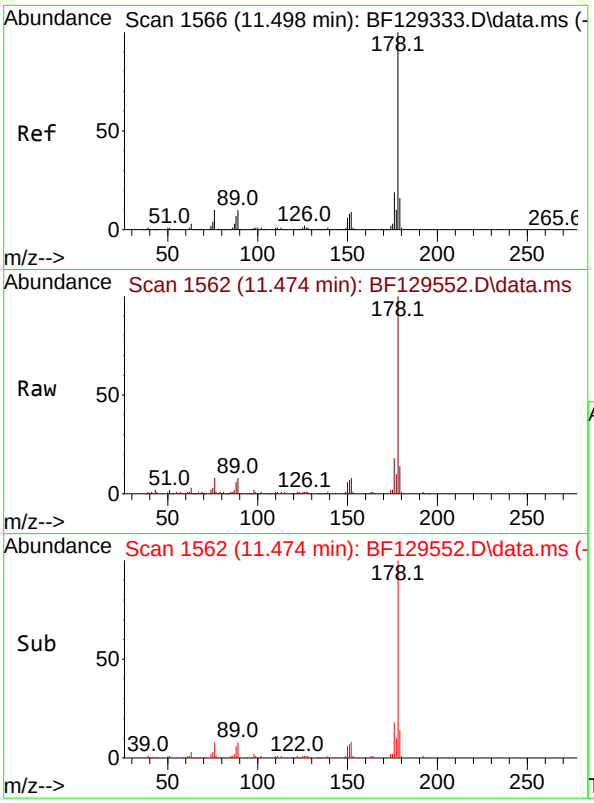


#71
Phenanthrene
Concen: 13.743 ng
RT: 11.421 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Tgt Ion:178 Resp: 203100

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	14.7	12.6	19.0



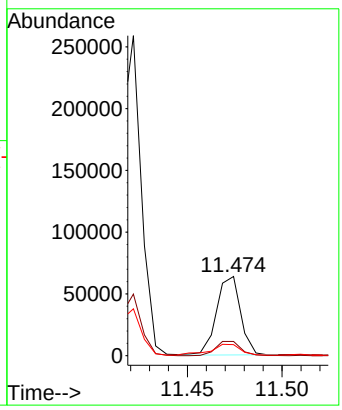


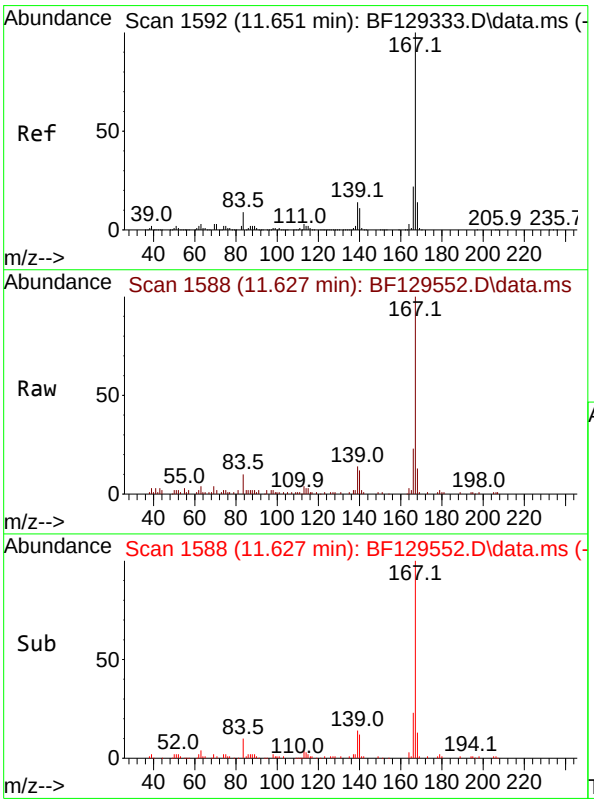
#72
Anthracene
Concen: 3.890 ng
RT: 11.474 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:178 Resp: 56498

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	13.9	12.6	19.0

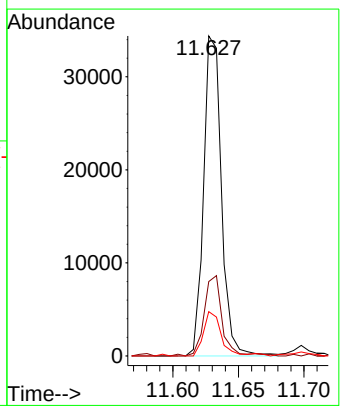


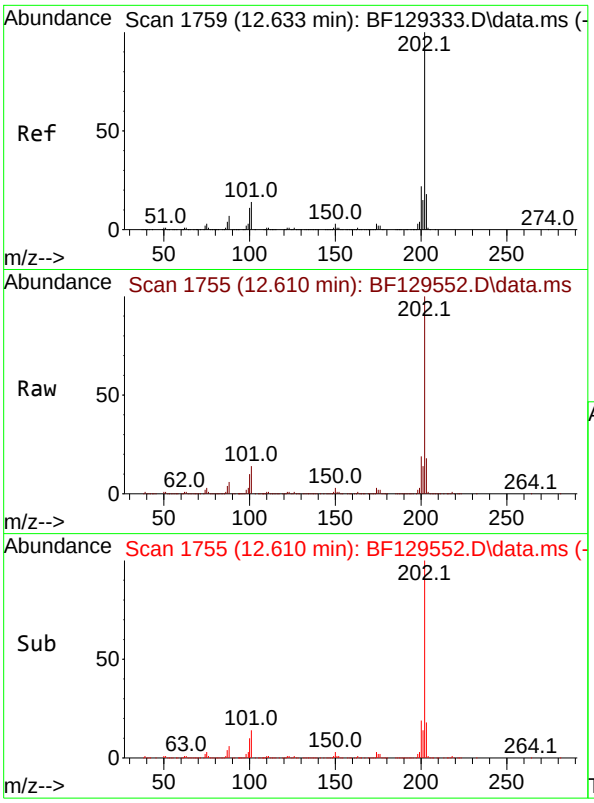


#73
Carbazole
Concen: 2.388 ng
RT: 11.627 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Tgt Ion:167 Resp: 32647

Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.7	26.5
139	13.8	11.2	16.8



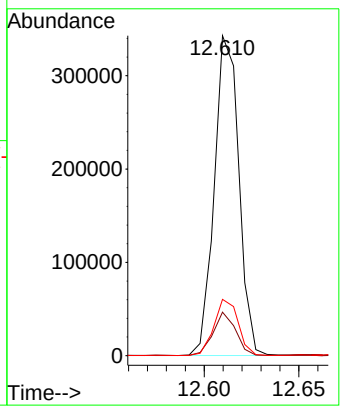


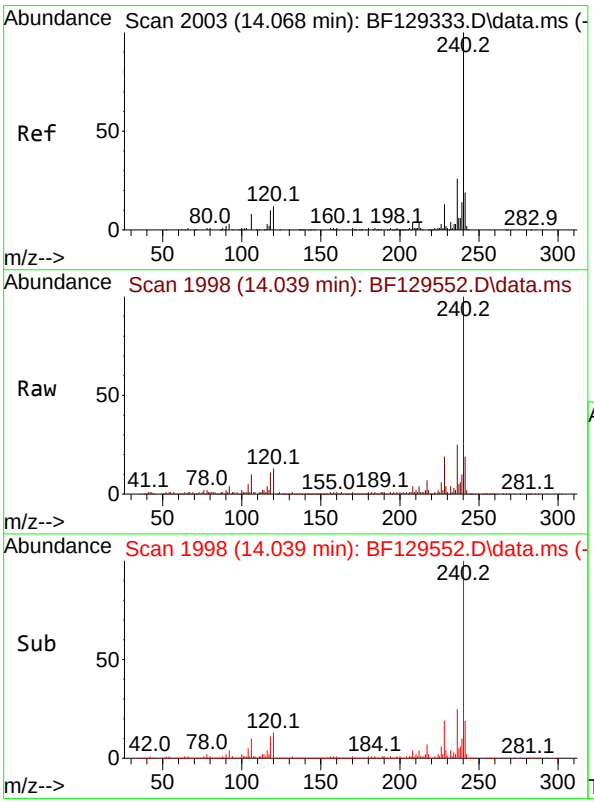
#75
Fluoranthene
Concen: 20.640 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:202 Resp: 309072

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	31.4
203	17.6	0.0	38.0

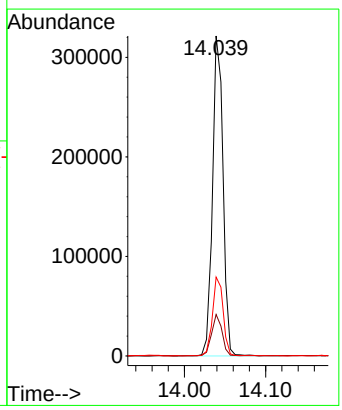


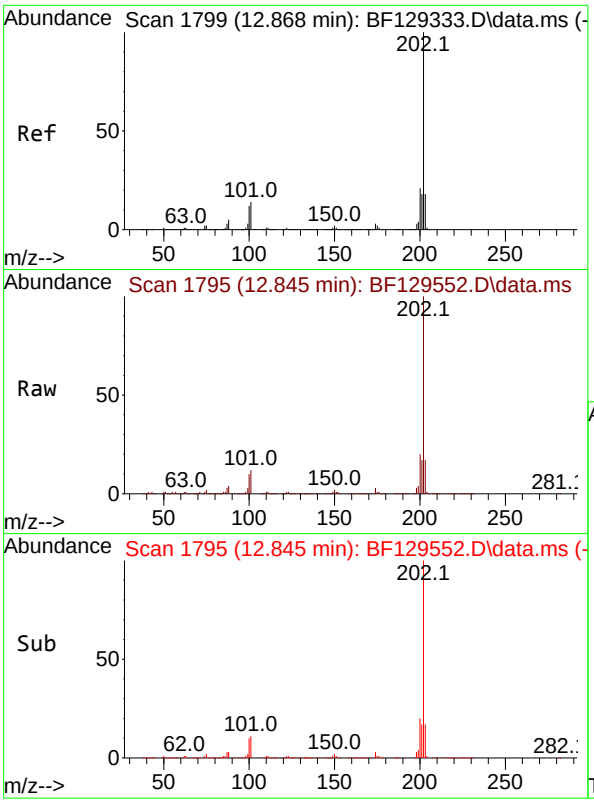


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Tgt Ion:240 Resp: 288797

Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.9	13.3
236	24.6	20.8	31.2



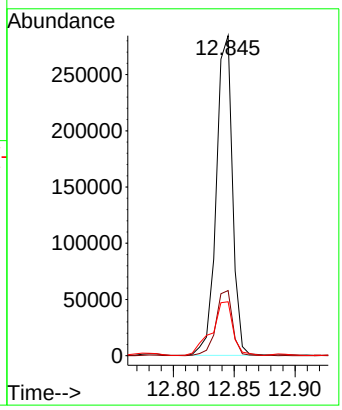


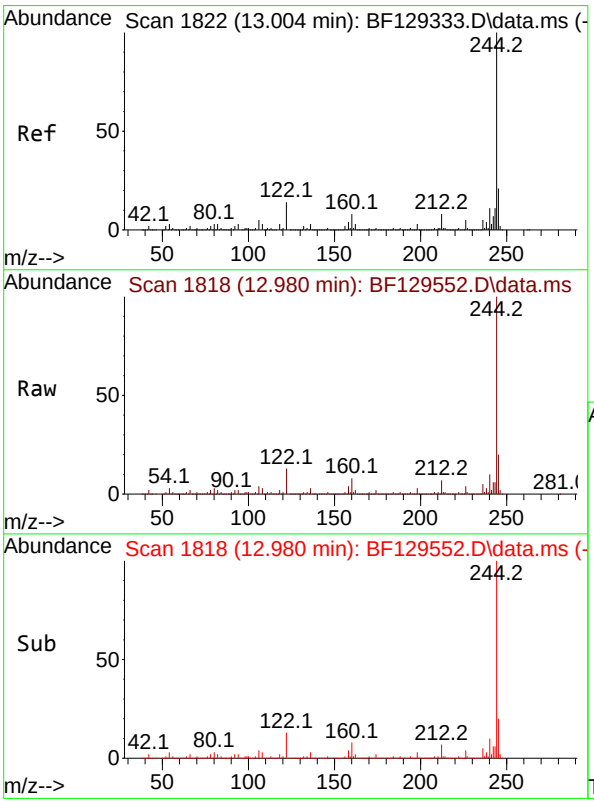
#78
Pyrene
Concen: 10.876 ng
RT: 12.845 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:202 Resp: 262662

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.7	26.5
203	16.9	14.6	21.8

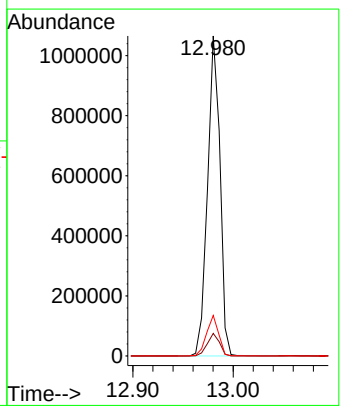


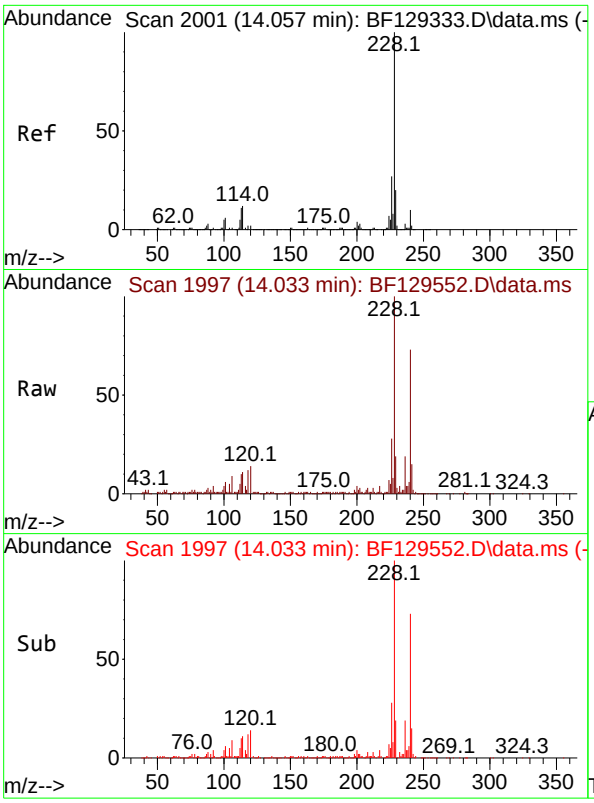


#79
Terphenyl-d14
Concen: 60.210 ng
RT: 12.980 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Tgt Ion:244 Resp: 921691

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	12.7	8.8	13.2



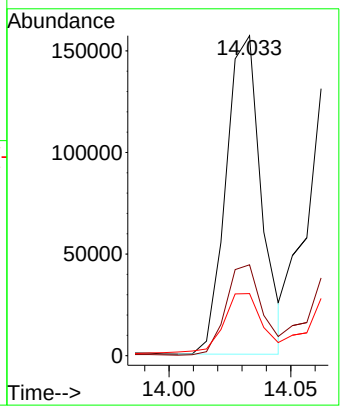


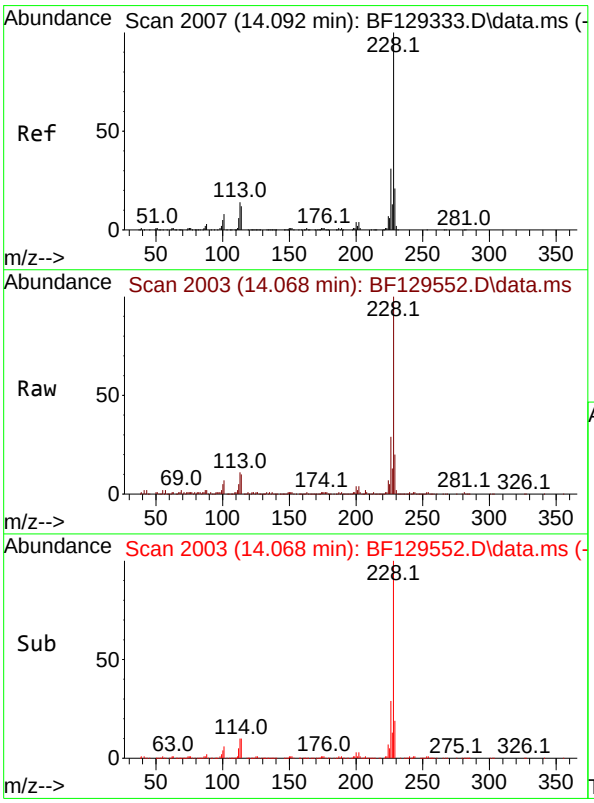
#81
Benzo(a)anthracene
Concen: 8.034 ng
RT: 14.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:228 Resp: 158487

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.1	33.1
229	19.4	15.8	23.8

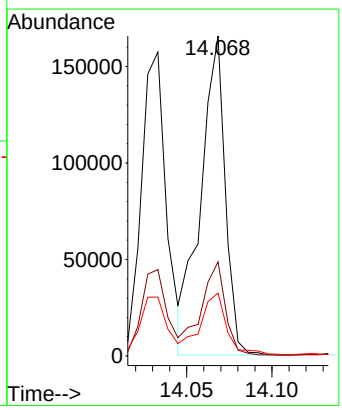


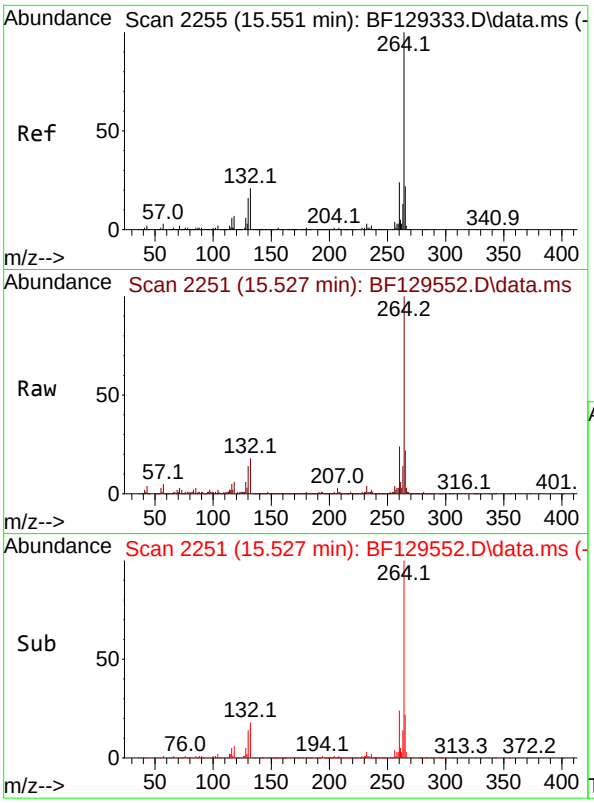


#83
Chrysene
Concen: 8.899 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Tgt Ion:228 Resp: 165447

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.3	36.5
229	19.7	15.9	23.9



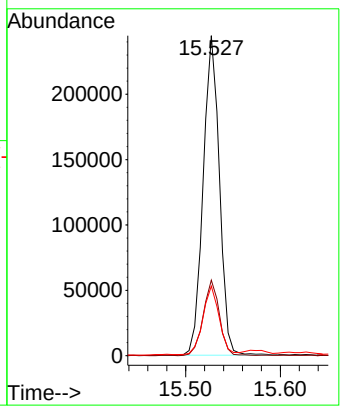


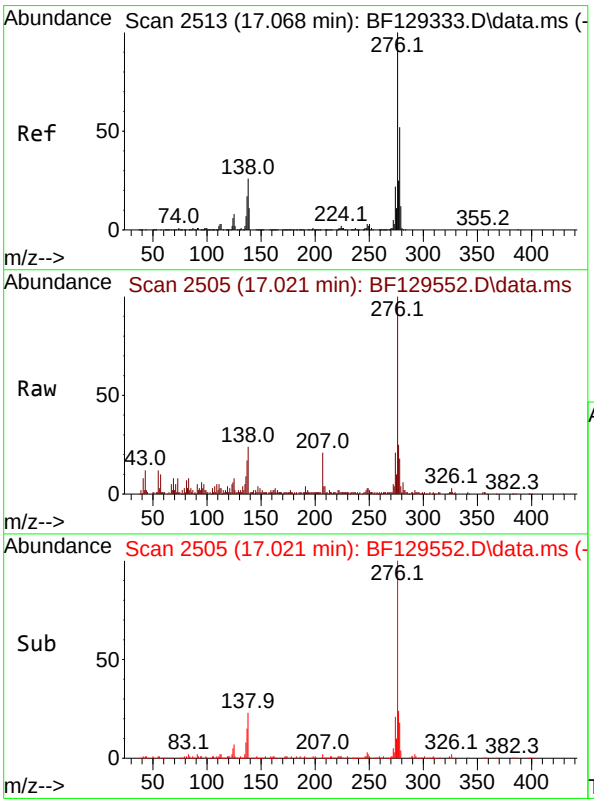
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:264 Resp: 291854

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	21.7	17.2	25.8

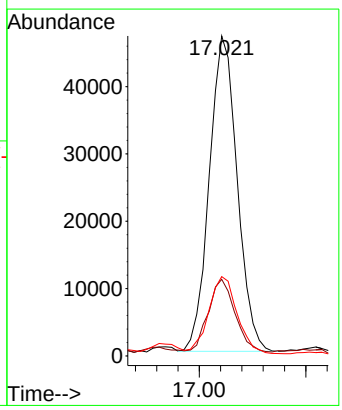


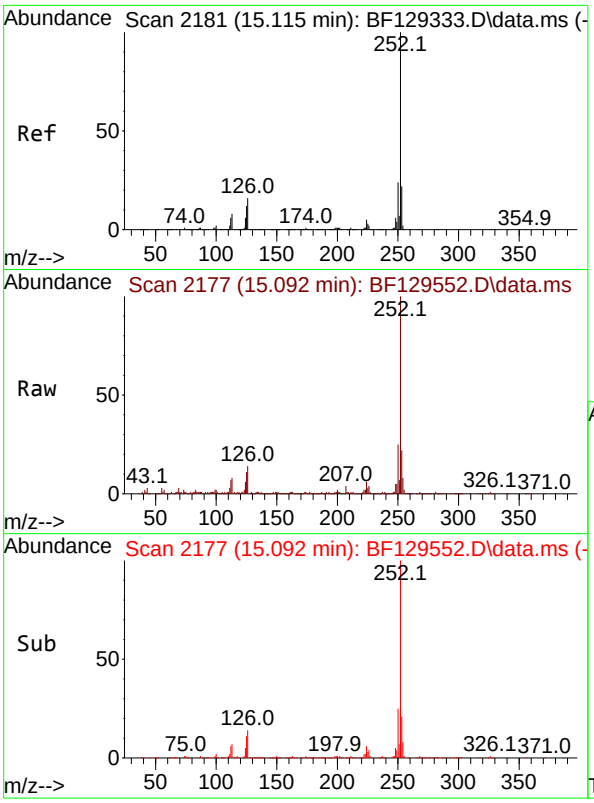


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.332 ng
RT: 17.021 min Scan# 2505
Delta R.T. -0.012 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Tgt Ion:276 Resp: 85139

Ion	Ratio	Lower	Upper
276	100		
138	23.1	21.1	31.7
277	25.0	20.3	30.5



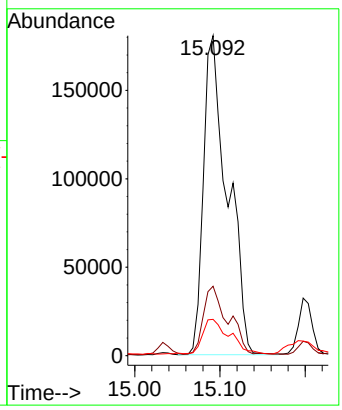


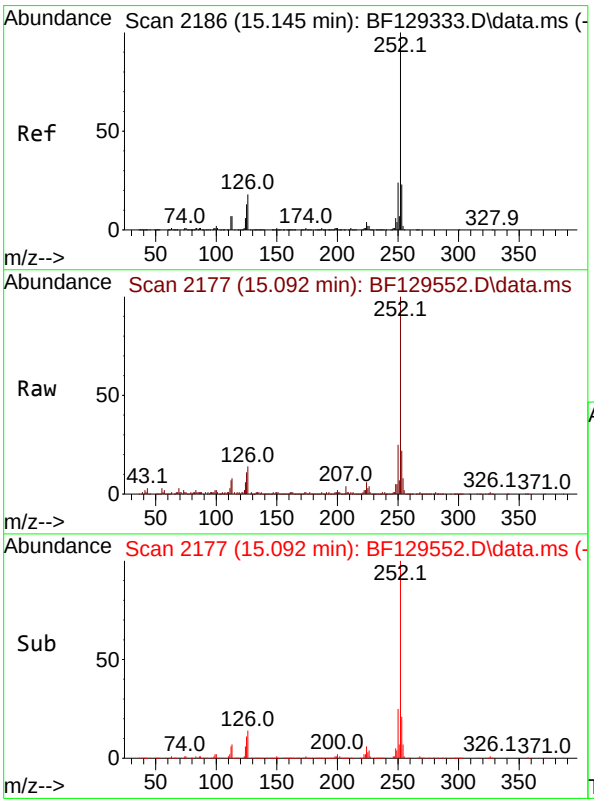
#88
Benzo(b)fluoranthene
Concen: 18.289 ng
RT: 15.092 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:252 Resp: 354061

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	11.4	8.0	12.0

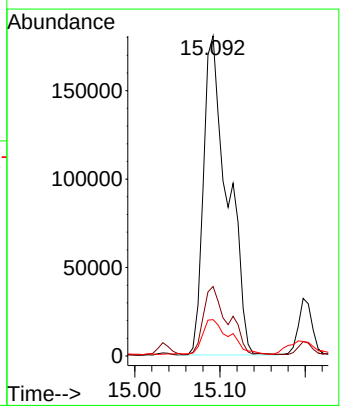


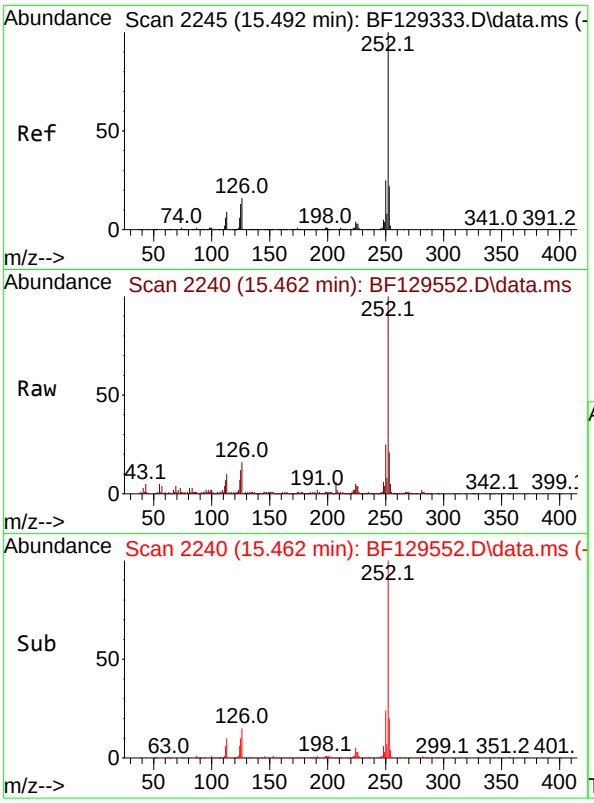


#89
Benzo(k)fluoranthene
Concen: 18.663 ng
RT: 15.092 min Scan# 2177
Delta R.T. -0.030 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Tgt Ion:252 Resp: 354061

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	11.4	8.3	12.5



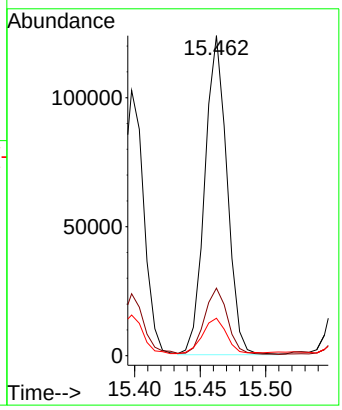


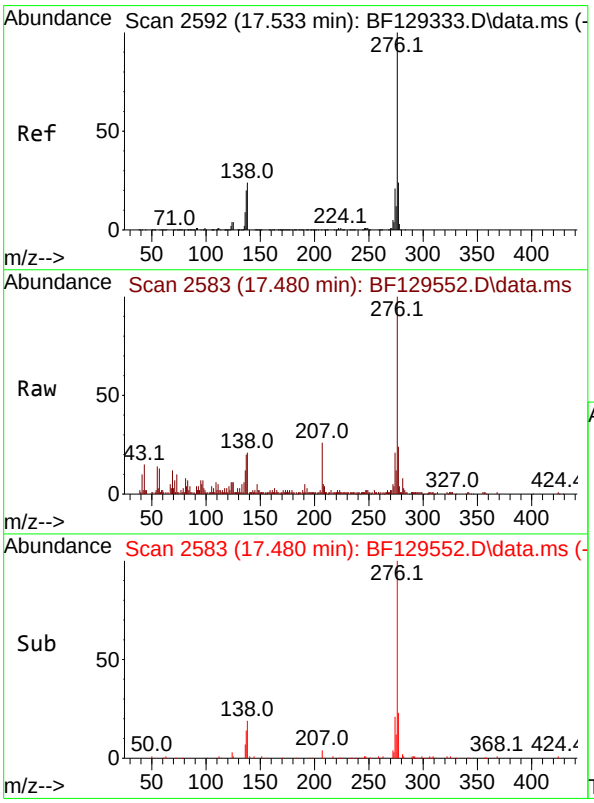
#90
Benzo(a)pyrene
Concen: 9.278 ng
RT: 15.462 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Instrument :
BNA_F
ClientSampleId :
RVE-108

Tgt Ion:252 Resp: 145815

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.6
125	11.7	8.8	13.2





#92
Benzo(g,h,i)perylene
Concen: 4.499 ng
RT: 17.480 min Scan# 2583
Delta R.T. -0.012 min
Lab File: BF129552.D
Acq: 03 Aug 2022 21:38

Tgt Ion:276 Resp: 73546

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	21.4	18.0	27.0