Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070822\
Data File : BF129180.D
Acq On : 08 Jul 2022 17:43
Operator : CG\JU
Sample : N3631-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Quant Time: Jul 08 23:24:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 23:22:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	301511	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	1068950	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	469549	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	737033	20.000	ng	0.00
76) Chrysene-d12	14.133	240	570702	20.000	ng	0.00
86) Perylene-d12	15.656	264	454007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	1191070	66.786	ng	-0.01
7) Phenol-d6	6.563	99	1443648	65.177	ng	-0.01
23) Nitrobenzene-d5	7.504	82	849777	47.417	ng	-0.01
42) 2,4,6-Tribromophenol	10.774	330	310550	60.825	ng	-0.01
45) 2-Fluorobiphenyl	9.304	172	1583785	53.961	ng	0.00
79) Terphenyl-d14	13.068	244	1415824	51.518	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	654	Below Cal	#	47
19) n-Nitroso-di-n-propyla...	7.504	70	109569	8.551	ng	# 71
25) Isophorone	7.504	82	848410	28.011	ng	# 65
31) Naphthalene	8.251	128	114444	2.358	ng	99
37) 2-Methylnaphthalene	8.939	142	77812	2.383	ng	99
38) 1-Methylnaphthalene	9.039	142	68014	2.145	ng	98
49) Acenaphthylene	9.845	152	144502	3.648	ng	98
51) 2,6-Dinitrotoluene	9.986	165	66275	11.041	ng	# 25
52) Acenaphthene	10.022	154	56777	2.201	ng	96
54) 2,4-Dinitrophenol	10.280	184	249	6.936	ng	# 2
58) Fluorene	10.533	166	159424	5.486	ng	96
67) 4-Bromophenyl-phenylether	10.774	248	18373	2.343	ng	# 1
71) Phenanthrene	11.504	178	1227849	34.867	ng	100
72) Anthracene	11.557	178	381100	10.976	ng	99
75) Fluoranthene	12.704	202	2453533	66.620	ng	97
78) Pyrene	12.933	202	2492204	63.000	ng	99
81) Benzo(a)anthracene	14.121	228	1356280	38.922	ng	96
83) Chrysene	14.162	228	1190986	36.816	ng	97
87) Indeno(1,2,3-cd)pyrene	17.209	276	540477	19.410	ng	95
88) Benzo(b)fluoranthene	15.204	252	1717052	62.887	ng	# 95
89) Benzo(k)fluoranthene	15.204	252	1717052	64.837	ng	96
90) Benzo(a)pyrene	15.592	252	951931	42.767	ng	96
91) Dibenzo(a,h)anthracene	17.215	278	134334	5.918	ng	# 86
92) Benzo(g,h,i)perylene	17.680	276	512455	22.502	ng	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070822\
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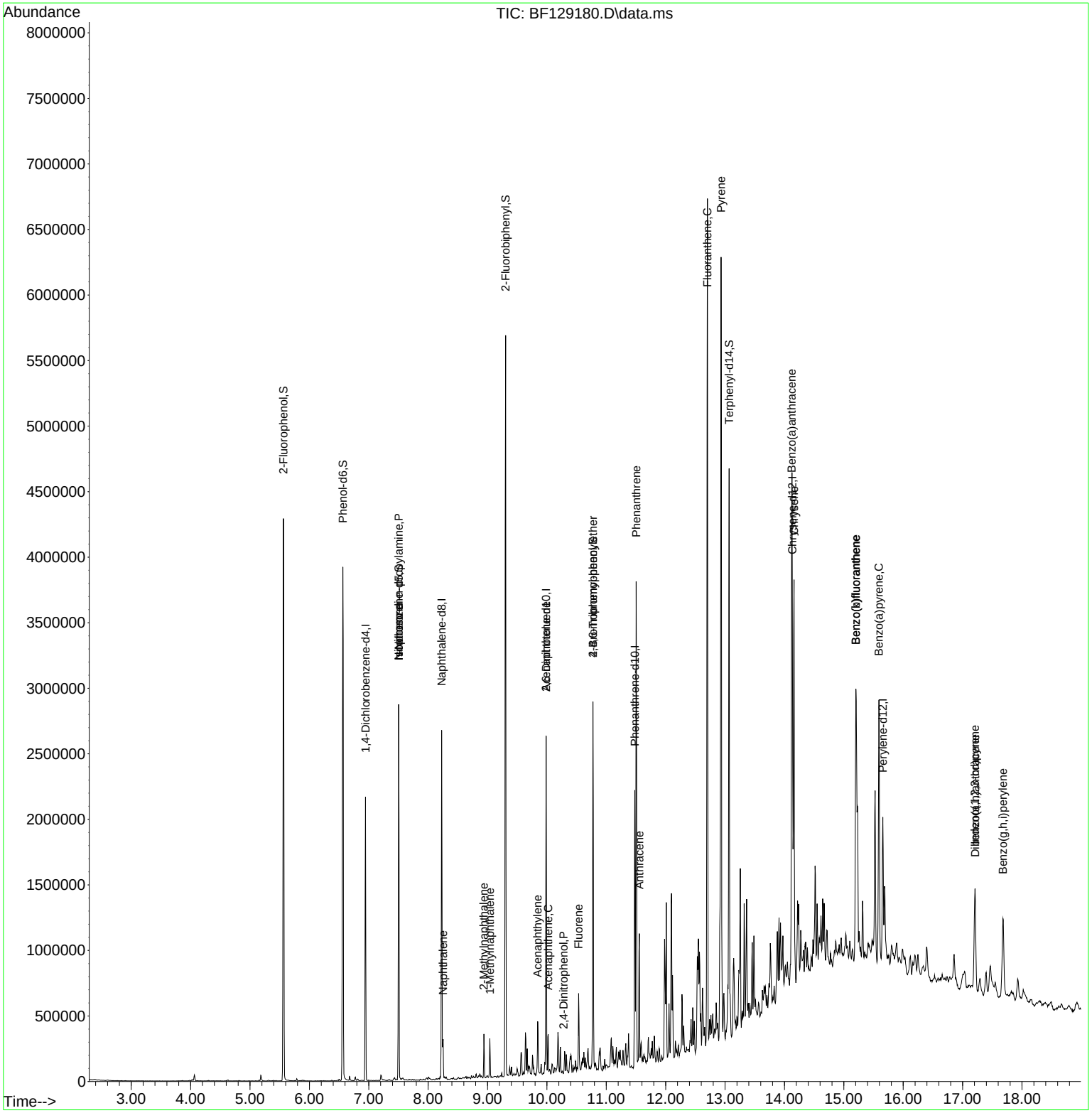
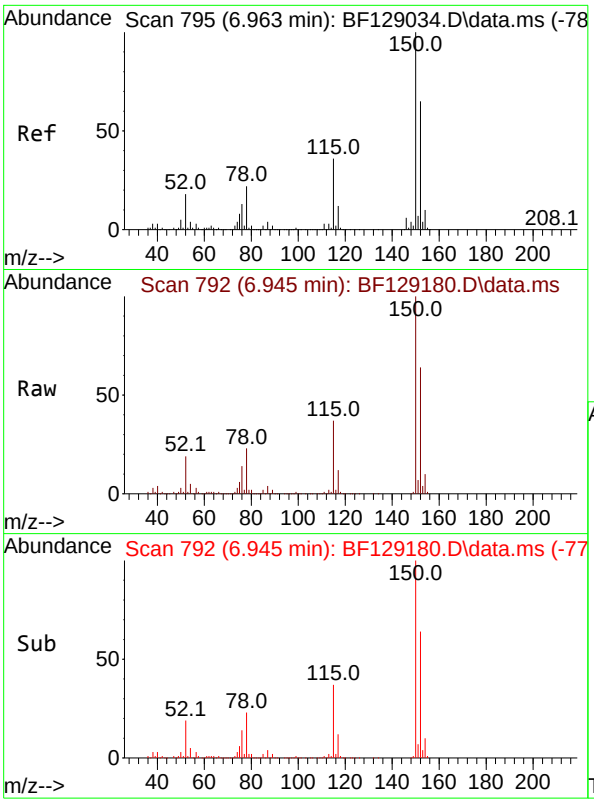
Acq On : 08 Jul 2022 17:43
Operator : CG\JU
Sample : N3631-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Quant Time: Jul 08 23:24:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 23:22:06 2022
Response via : Initial Calibration



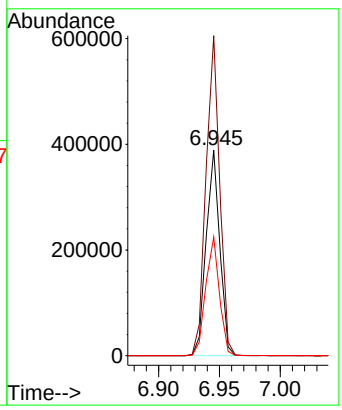


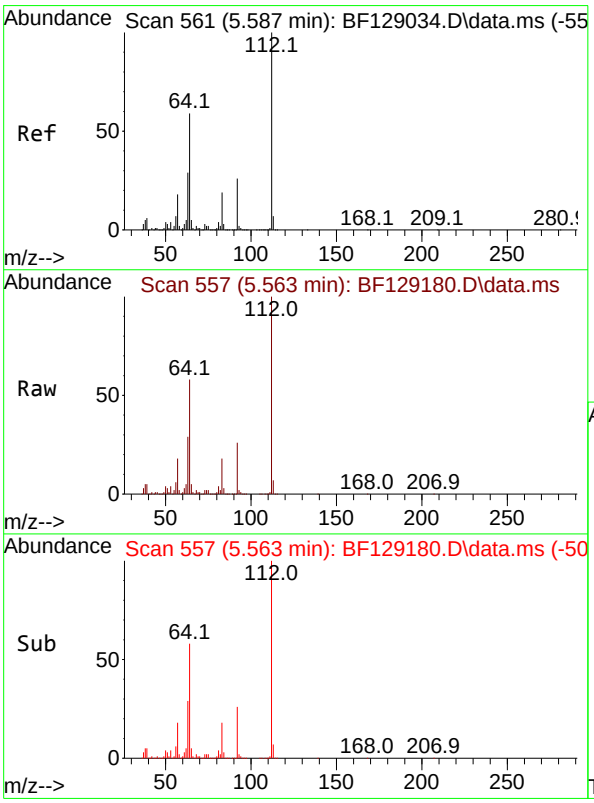
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Tgt Ion:152 Resp: 301511

Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.7	185.5
115	57.8	49.9	74.9

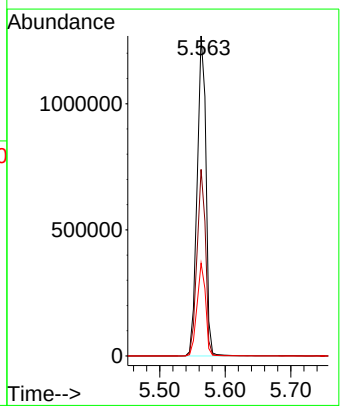


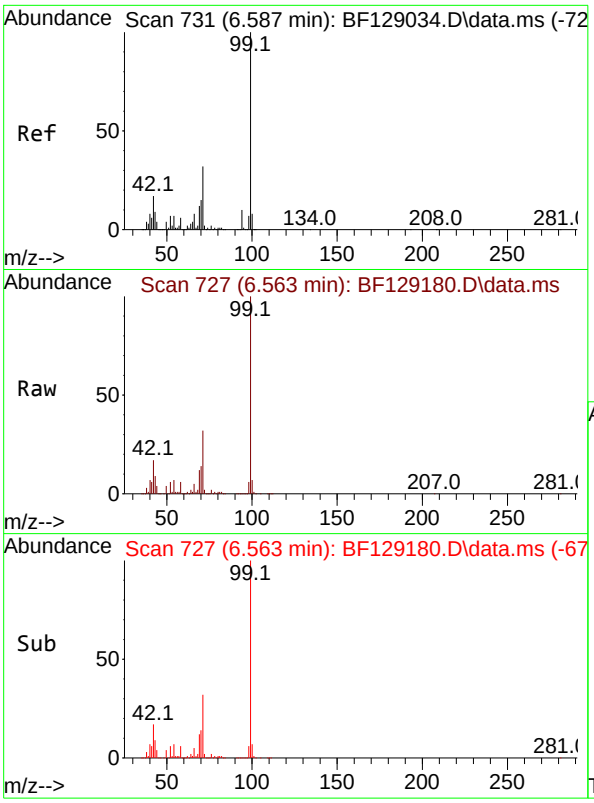


#5
2-Fluorophenol
Concen: 66.786 ng
RT: 5.563 min Scan# 557
Delta R.T. -0.012 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Tgt Ion:112 Resp: 1191070

Ion	Ratio	Lower	Upper
112	100		
64	58.3	53.3	79.9
63	29.0	28.0	42.0



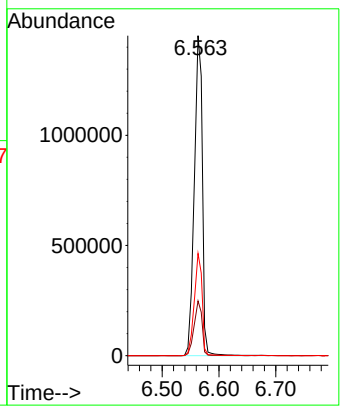


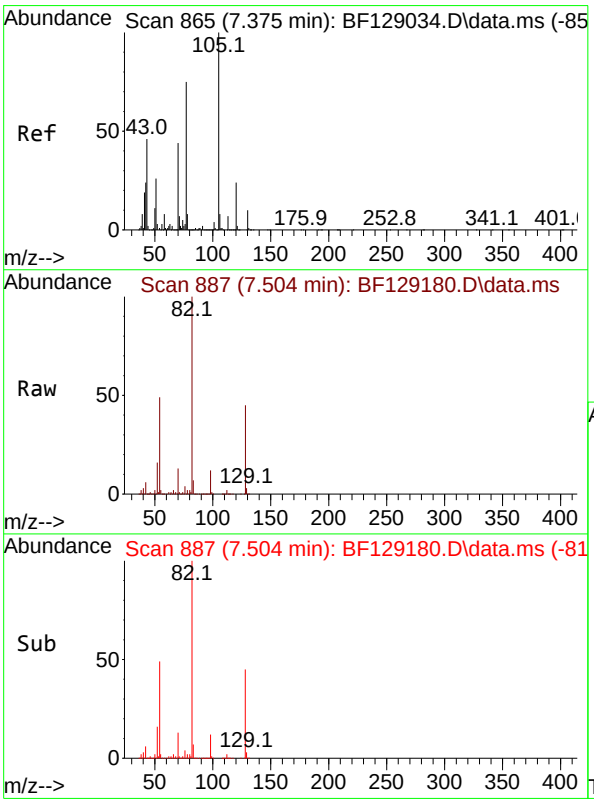
#7
Phenol-d6
Concen: 65.177 ng
RT: 6.563 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Tgt Ion: 99 Resp: 1443648

Ion	Ratio	Lower	Upper
99	100		
42	17.1	17.3	25.9#
71	31.9	28.9	43.3

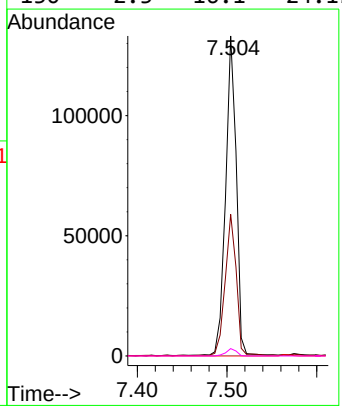


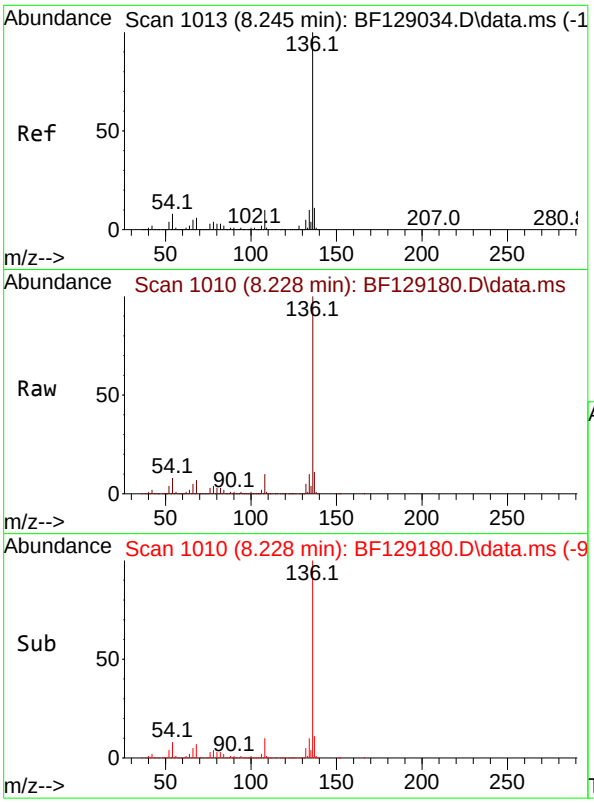


#19
n-Nitroso-di-n-propylamine
Concen: 8.551 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Tgt Ion: 70 Resp: 109569

Ion	Ratio	Lower	Upper
70	100		
42	44.3	52.3	78.5#
101	0.0	7.5	11.3#
130	2.3	16.1	24.1#



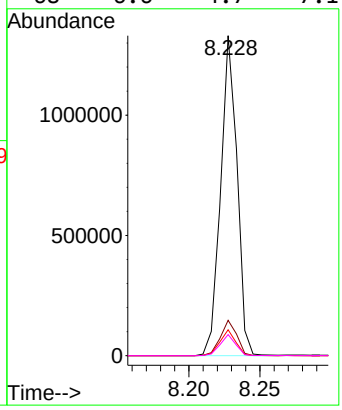


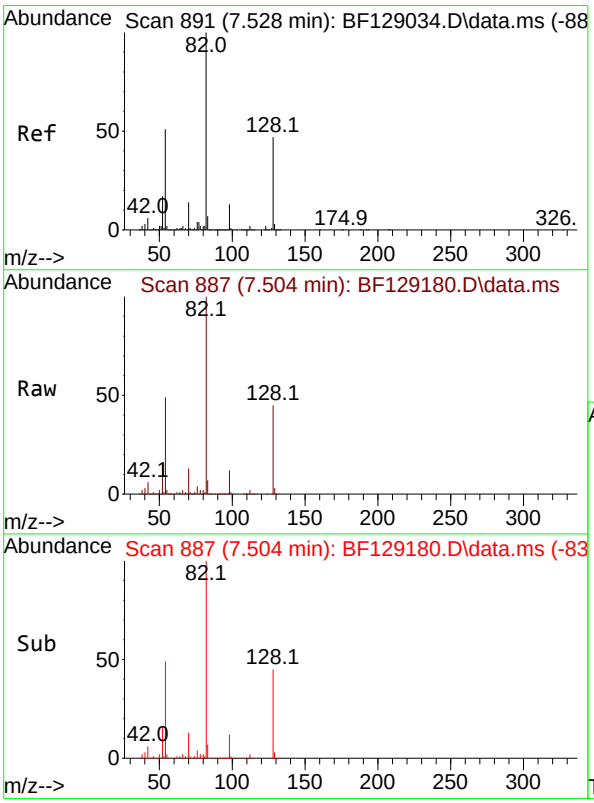
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Tgt Ion:136 Resp: 1068950

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.1	7.5	11.3
68	6.6	4.7	7.1

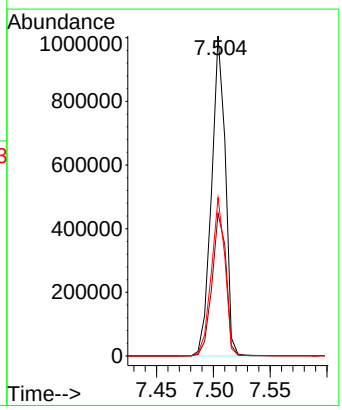


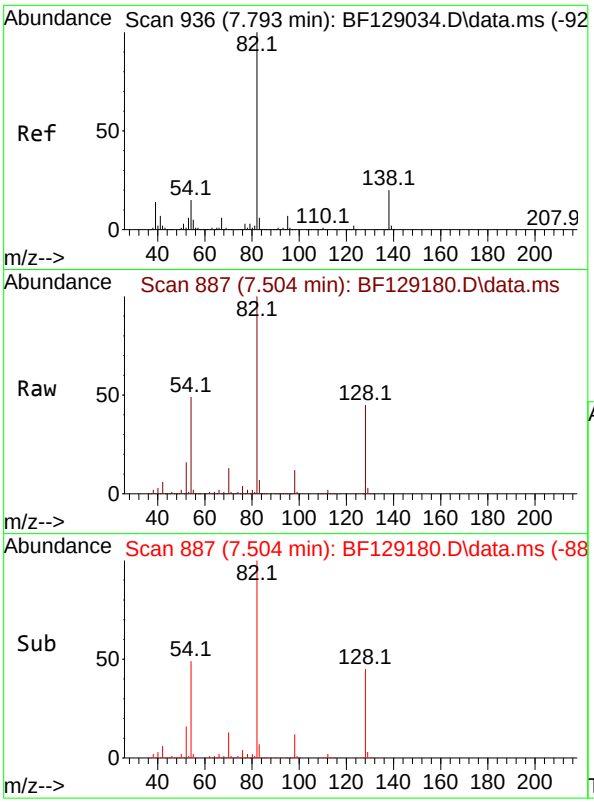


#23
Nitrobenzene-d5
Concen: 47.417 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Tgt Ion: 82 Resp: 849777

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.0	51.0
54	49.4	46.9	70.3



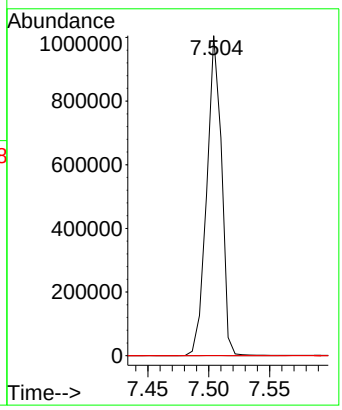


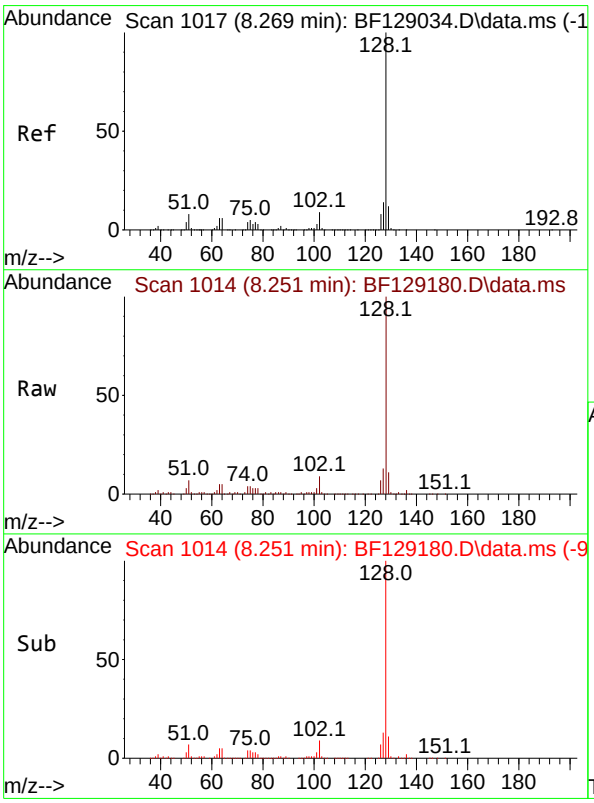
#25
Isophorone
Concen: 28.011 ng
RT: 7.504 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Tgt Ion: 82 Resp: 848410

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

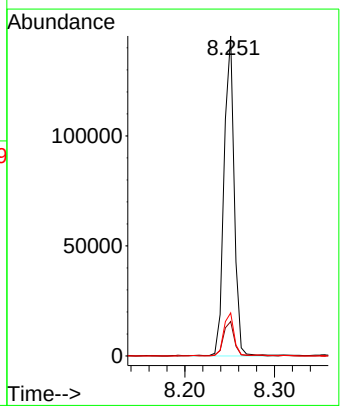


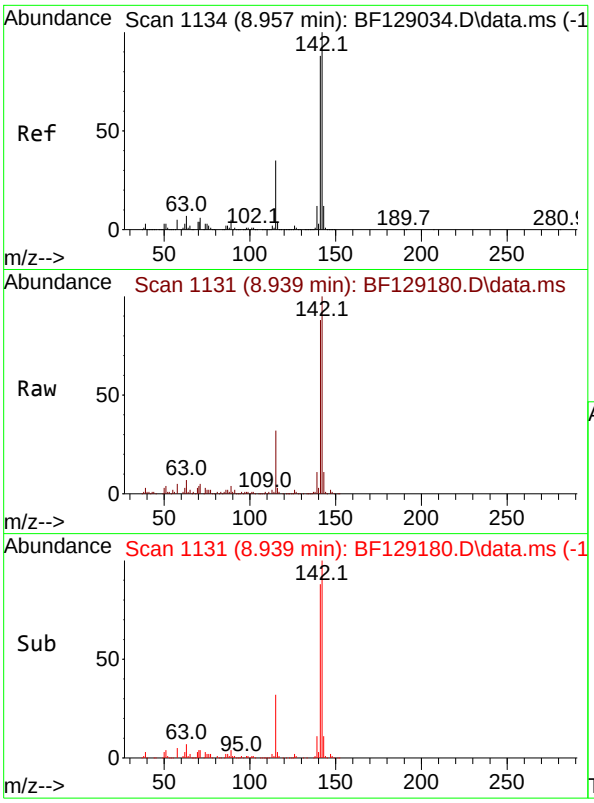


#31
Naphthalene
Concen: 2.358 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Tgt Ion:128 Resp: 114444

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.2	13.8
127	13.4	10.5	15.7



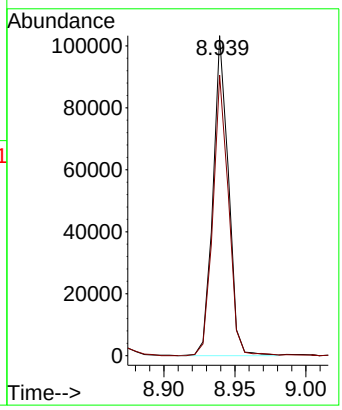


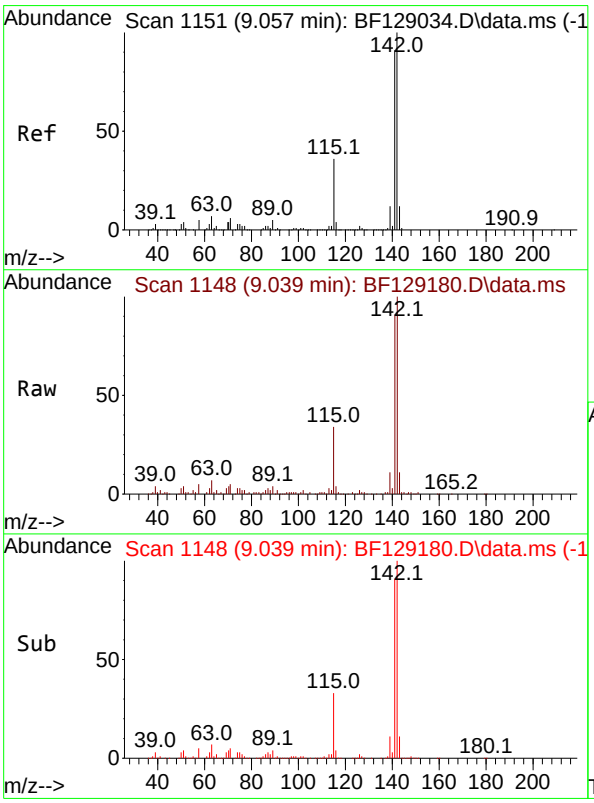
#37
2-Methylnaphthalene
Concen: 2.383 ng
RT: 8.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Tgt Ion:142 Resp: 77812

Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.0	106.4

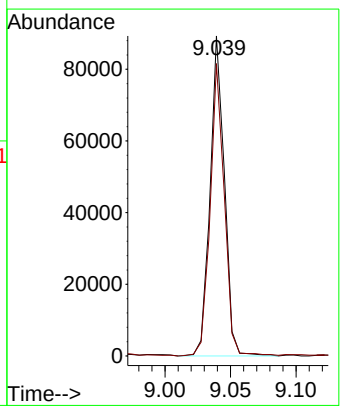


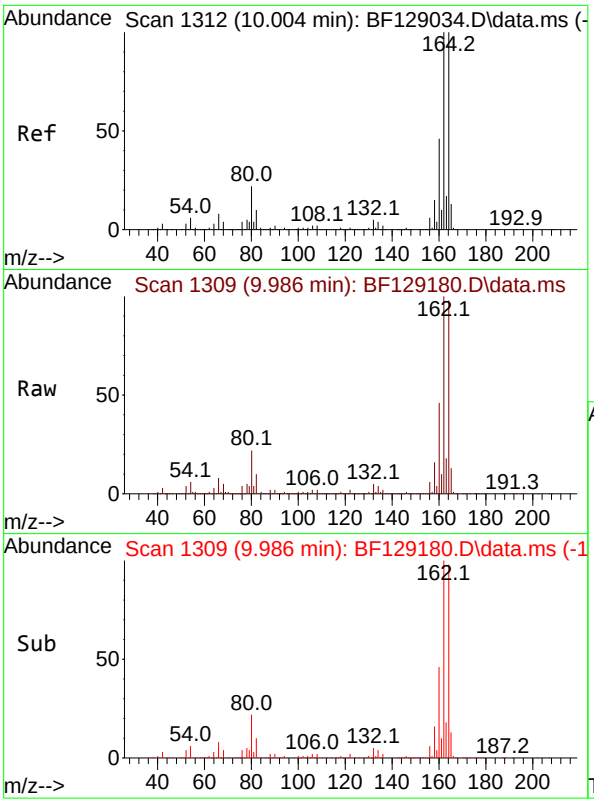


#38
1-Methylnaphthalene
Concen: 2.145 ng
RT: 9.039 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Tgt Ion:142 Resp: 68014

Ion	Ratio	Lower	Upper
142	100		
141	91.4	74.2	111.4



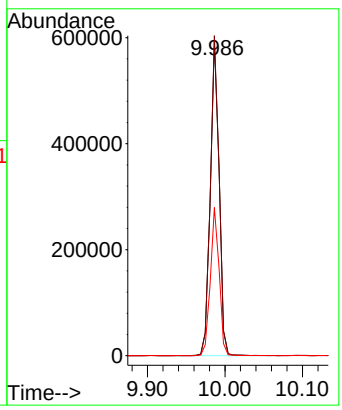


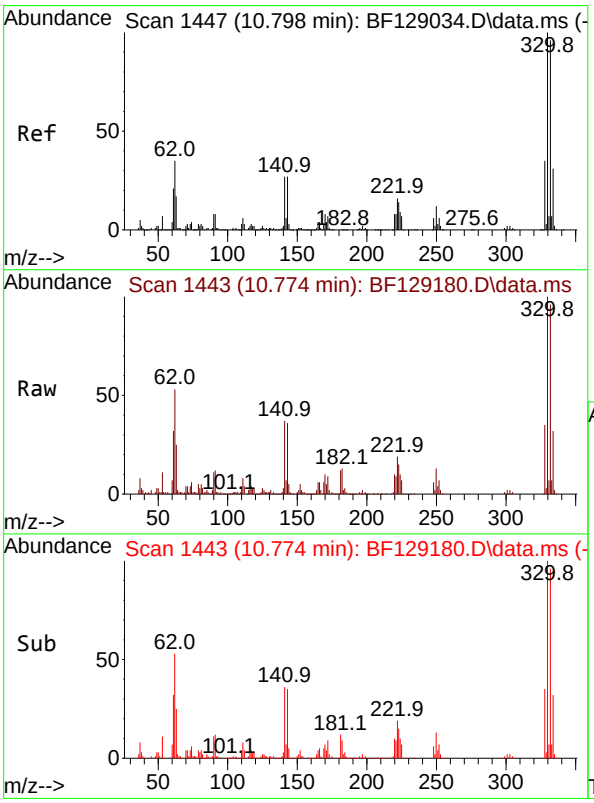
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Tgt Ion:164 Resp: 469549

Ion	Ratio	Lower	Upper
164	100		
162	101.8	79.5	119.3
160	47.1	34.2	51.4

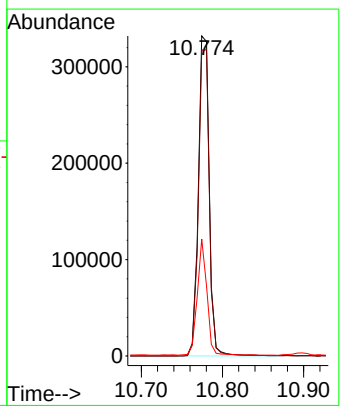


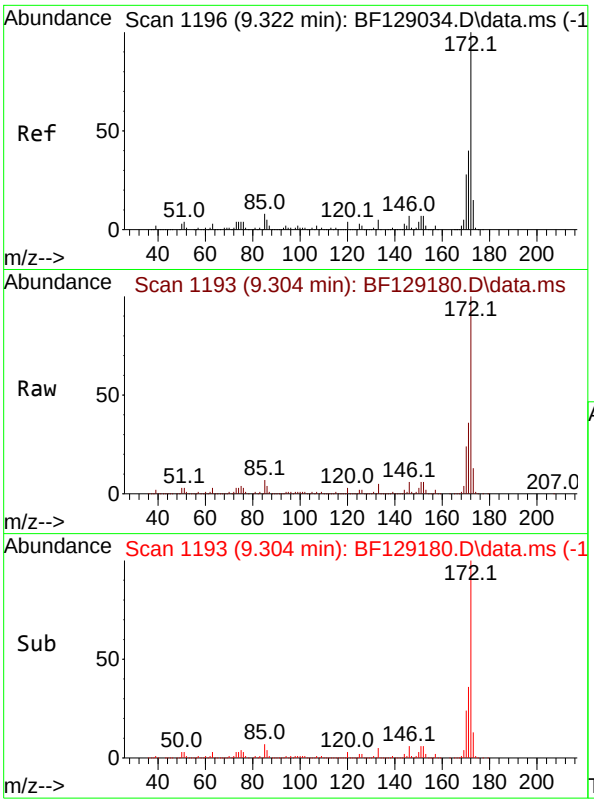


#42
2,4,6-Tribromophenol
Concen: 60.825 ng
RT: 10.774 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Tgt Ion:330 Resp: 310550

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.8	115.2
141	31.8	28.0	42.0



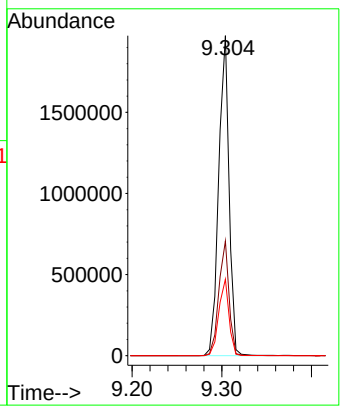


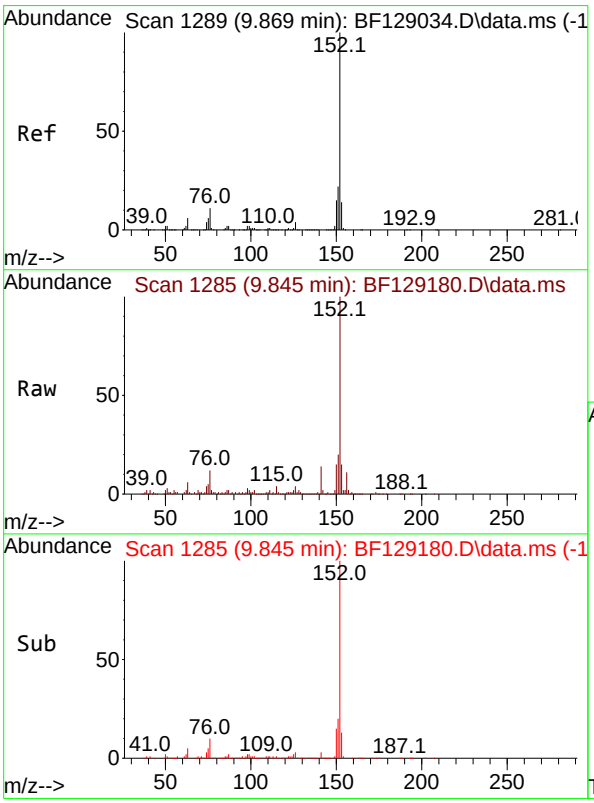
#45
2-Fluorobiphenyl
Concen: 53.961 ng
RT: 9.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Tgt Ion:172 Resp: 1583785

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.9	19.8	29.8

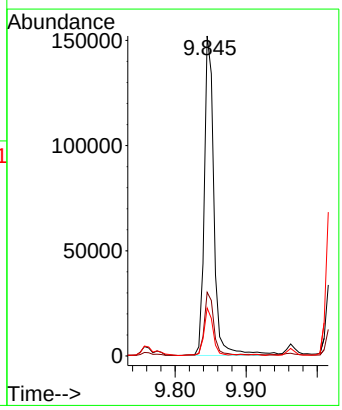


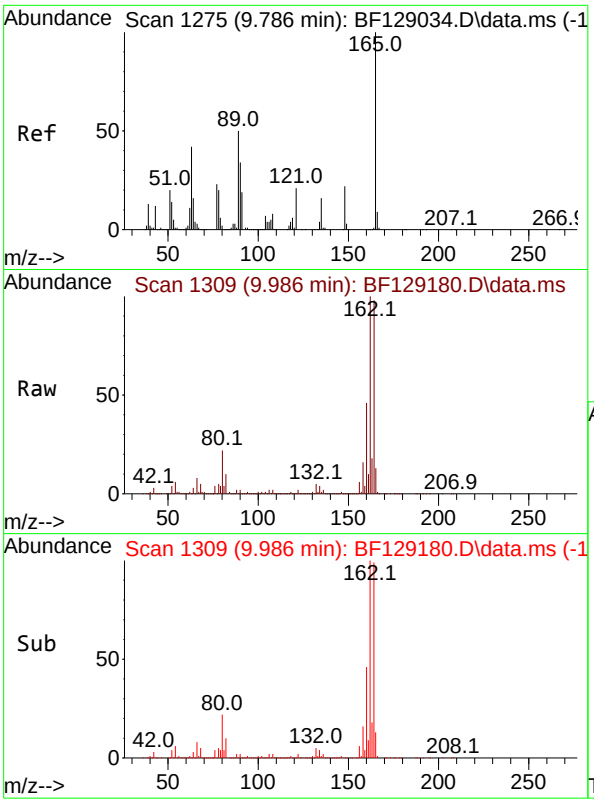


#49
Acenaphthylene
Concen: 3.648 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Tgt Ion:152 Resp: 144502

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	15.0	10.7	16.1



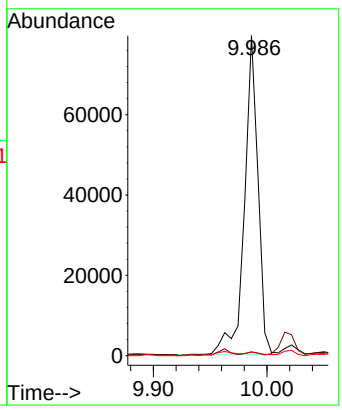


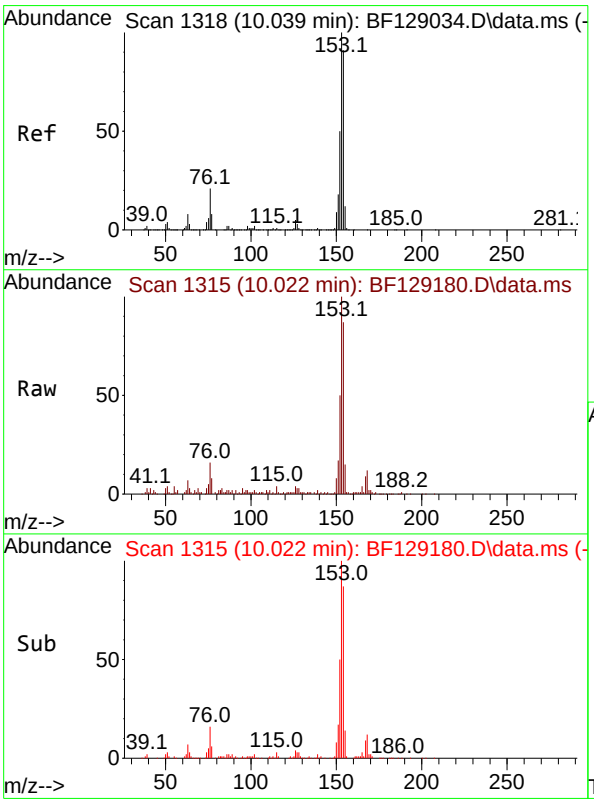
#51
2,6-Dinitrotoluene
Concen: 11.041 ng
RT: 9.986 min Scan# 1
Delta R.T. 0.212 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Tgt Ion:165 Resp: 66275

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

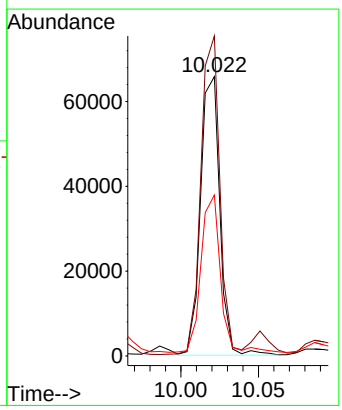


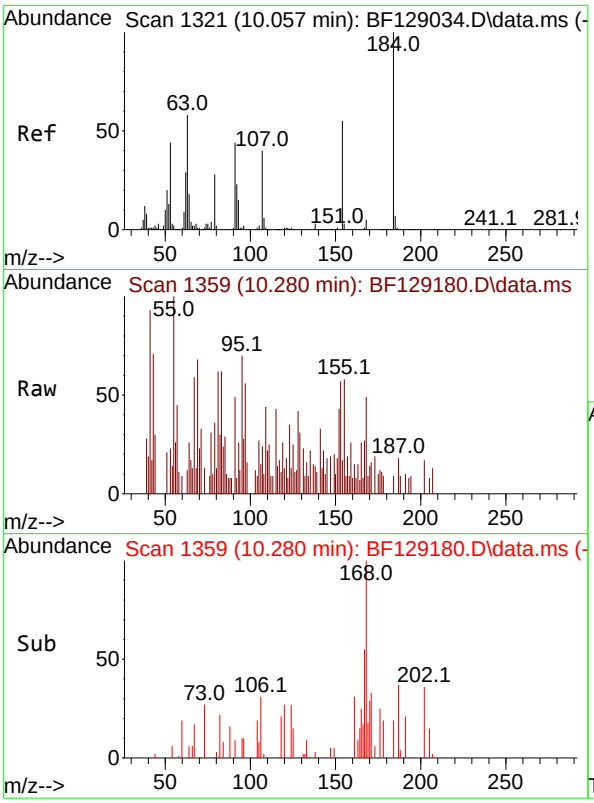


#52
Acenaphthene
Concen: 2.201 ng
RT: 10.022 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Tgt Ion:154 Resp: 56777

Ion	Ratio	Lower	Upper
154	100		
153	114.5	89.6	134.4
152	57.6	42.4	63.6



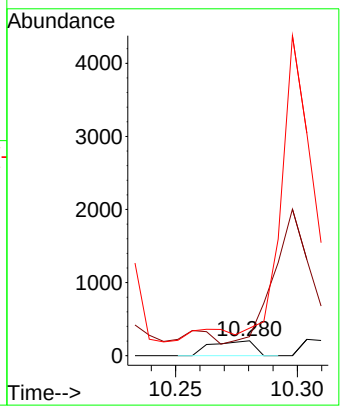


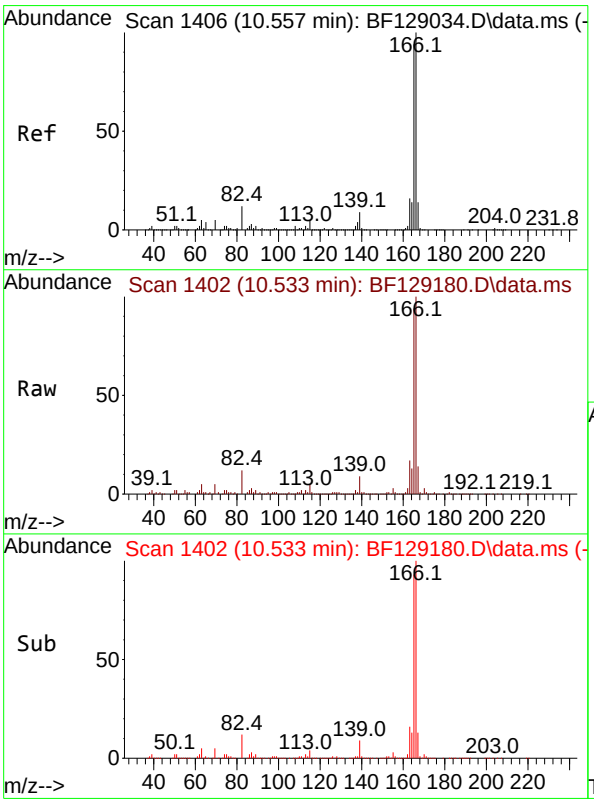
#54
2,4-Dinitrophenol
Concen: 6.936 ng
RT: 10.280 min Scan# 1
Delta R.T. 0.229 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Tgt Ion:184 Resp: 249

Ion	Ratio	Lower	Upper
184	100		
63	127.9	64.5	96.7#
154	184.3	50.6	75.8#

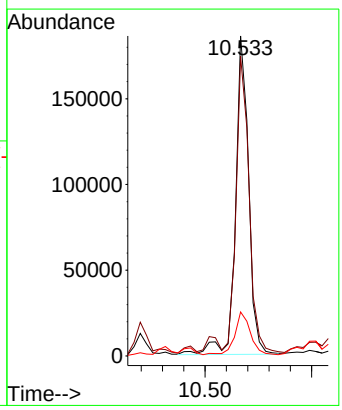


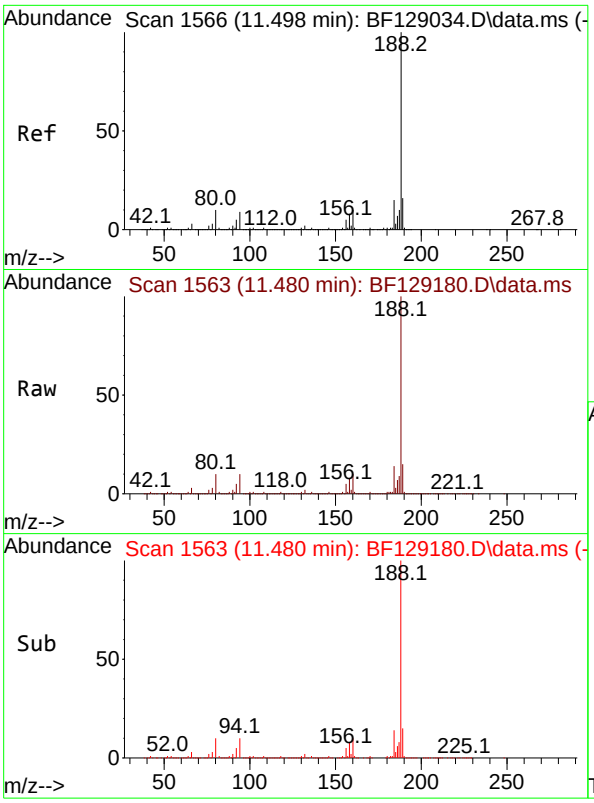


#58
Fluorene
Concen: 5.486 ng
RT: 10.533 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Tgt Ion:166 Resp: 159424

Ion	Ratio	Lower	Upper
166	100		
165	93.6	78.1	117.1
167	13.7	10.5	15.7



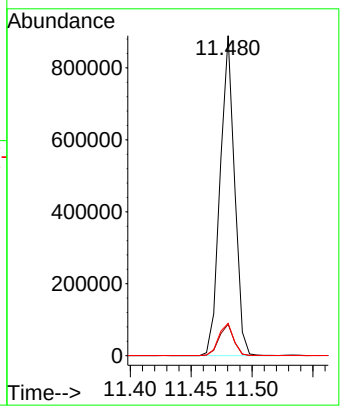


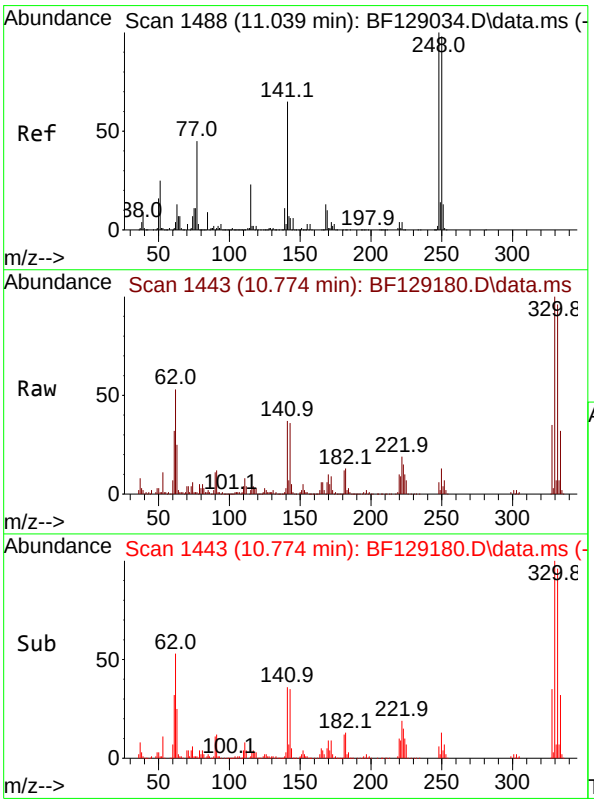
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Tgt Ion:188 Resp: 737033

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.0	10.6
80	10.1	7.6	11.4

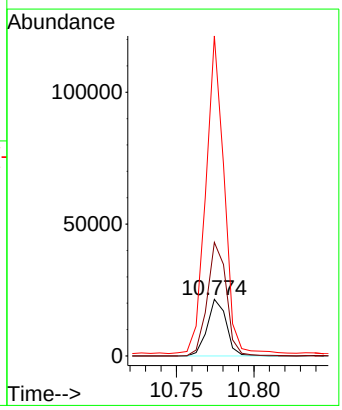


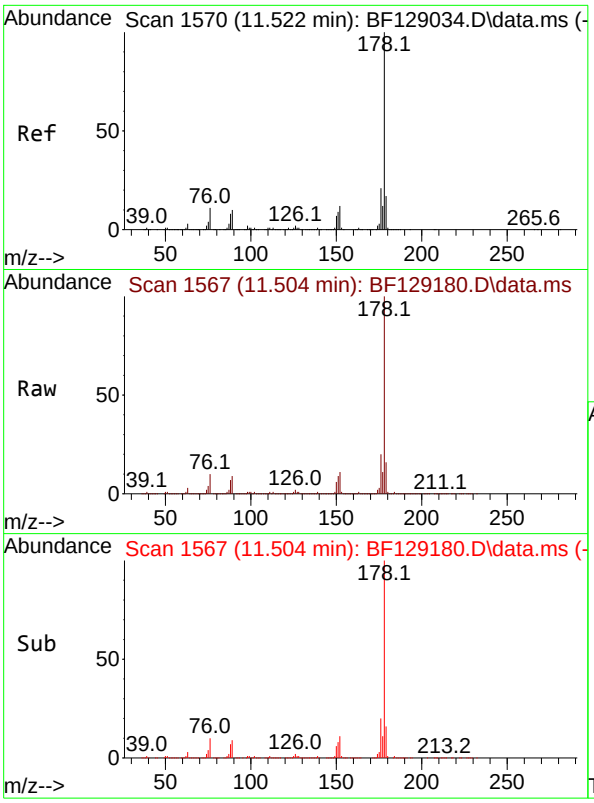


#67
4-Bromophenyl-phenylether
Concen: 2.343 ng
RT: 10.774 min Scan# 1443
Delta R.T. -0.253 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Tgt Ion:248 Resp: 18373

Ion	Ratio	Lower	Upper
248	100		
250	200.9	80.6	120.8#
141	565.5	58.9	88.3#



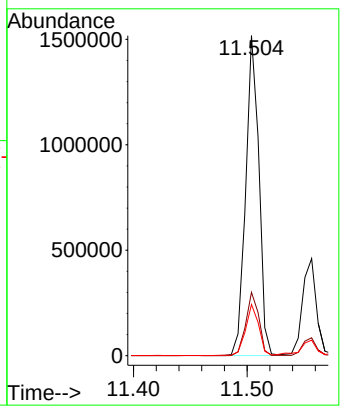


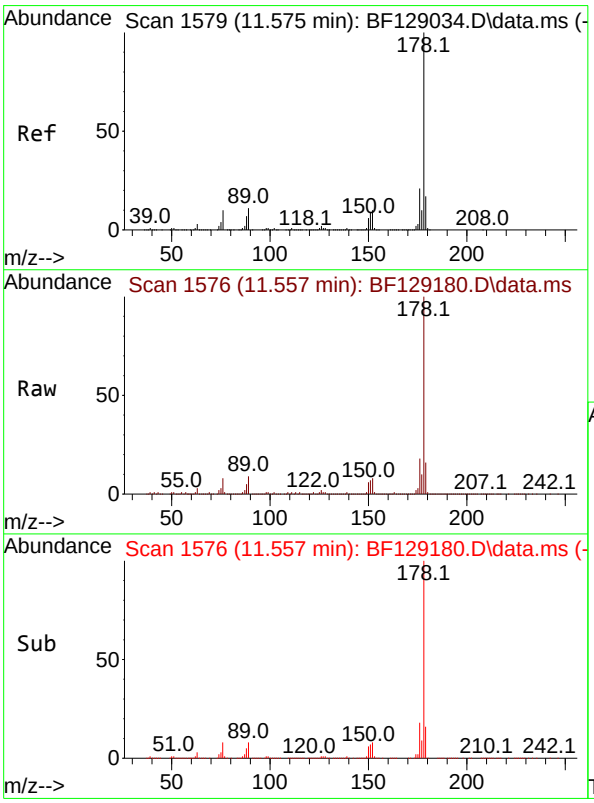
#71
Phenanthrene
Concen: 34.867 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Tgt Ion:178 Resp: 1227849

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.0	12.6	19.0

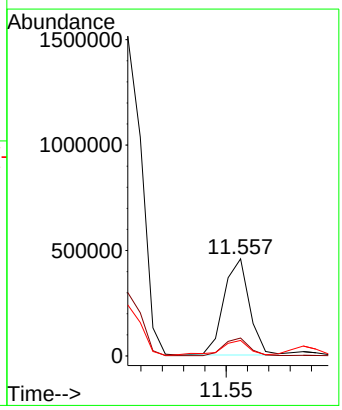


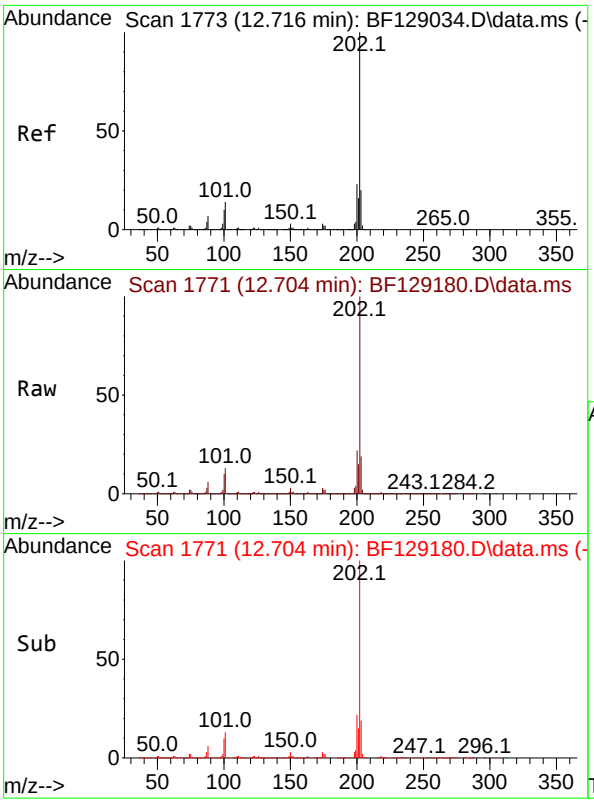


#72
Anthracene
Concen: 10.976 ng
RT: 11.557 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Tgt Ion:178 Resp: 381100

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	16.0	12.6	19.0



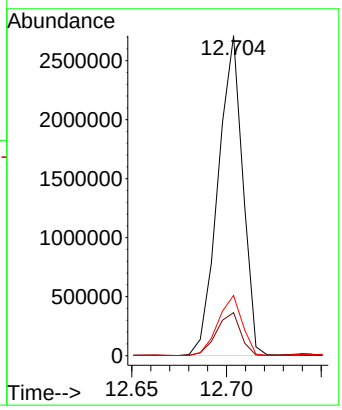


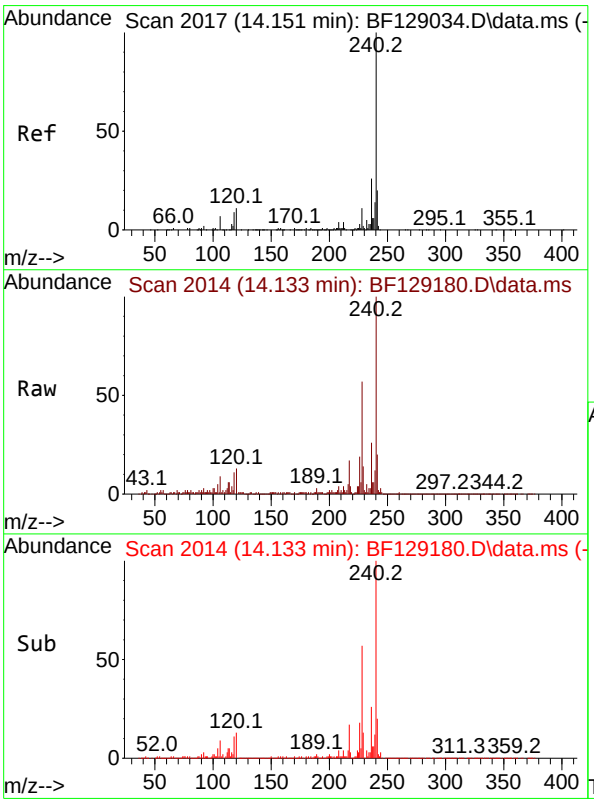
#75
Fluoranthene
Concen: 66.620 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Tgt Ion:202 Resp: 2453533

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	31.4
203	18.8	0.0	38.0

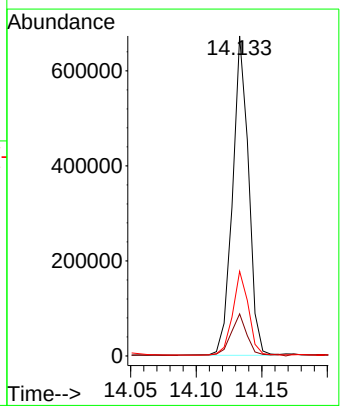


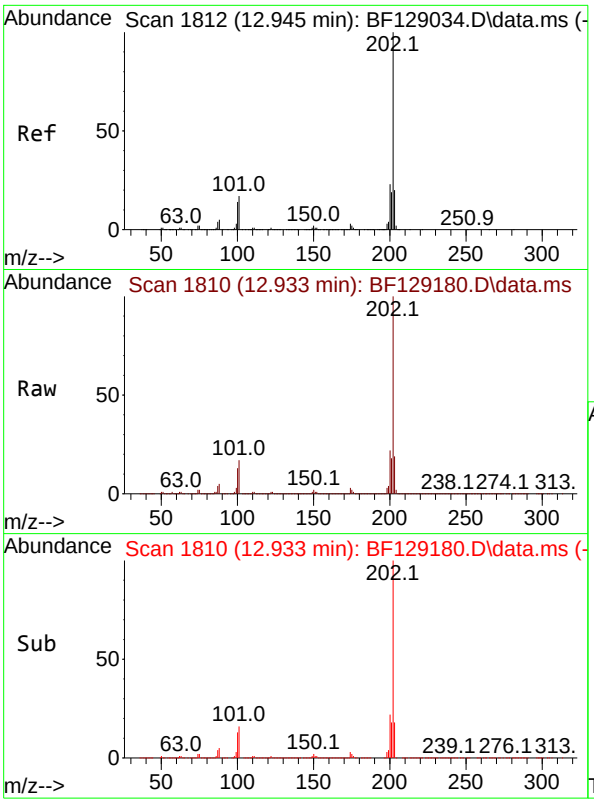


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Tgt Ion:240 Resp: 570702

Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.9	13.3
236	26.4	20.8	31.2



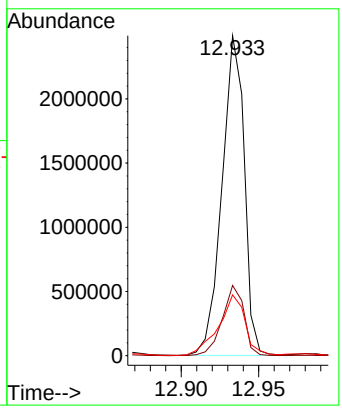


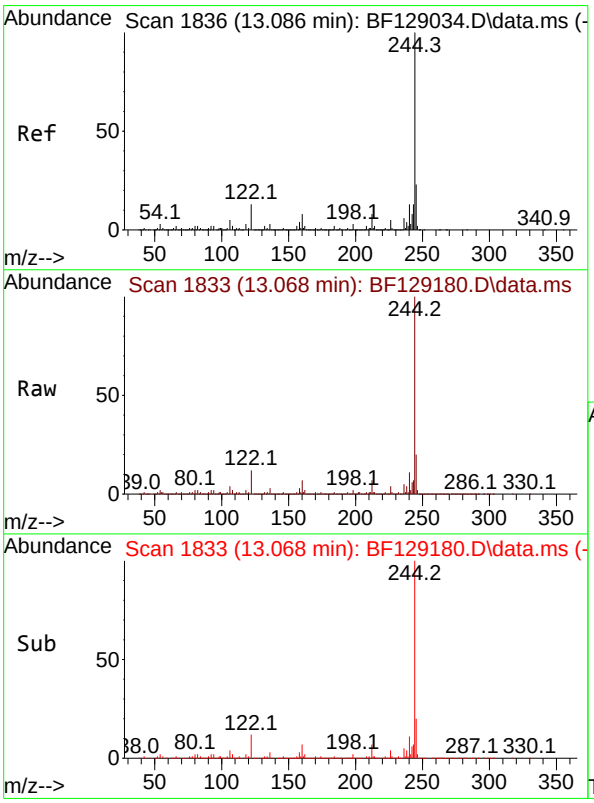
#78
Pyrene
Concen: 63.000 ng
RT: 12.933 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Tgt Ion:202 Resp: 2492204

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	19.0	14.6	21.8

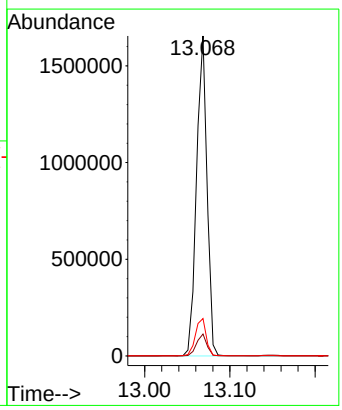


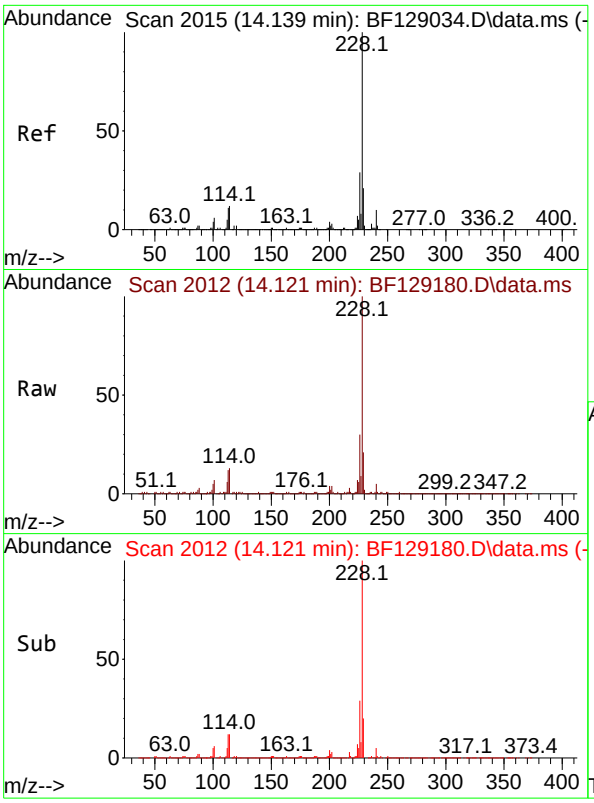


#79
Terphenyl-d14
Concen: 51.518 ng
RT: 13.068 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Tgt Ion:244 Resp: 1415824

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	11.7	8.8	13.2



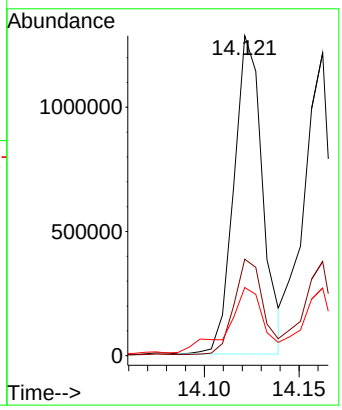


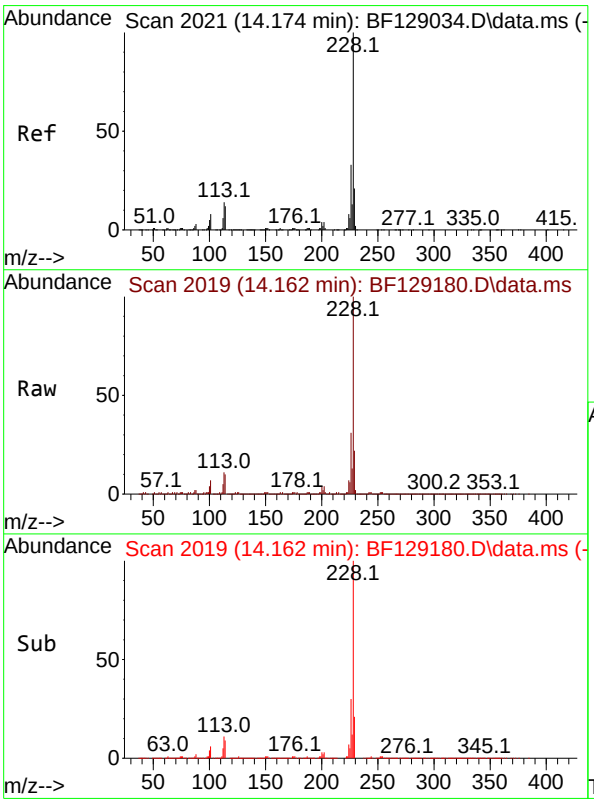
#81
Benzo(a)anthracene
Concen: 38.922 ng
RT: 14.121 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Tgt Ion:228 Resp: 1356280

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.1	33.1
229	21.3	15.8	23.8

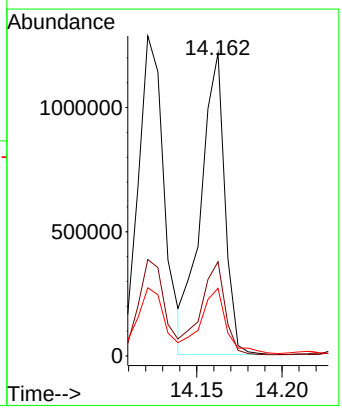


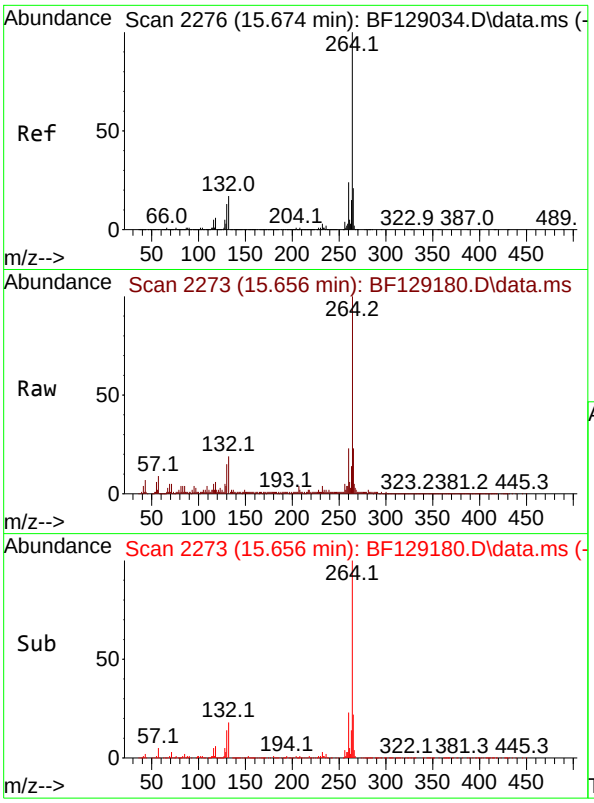


#83
Chrysene
Concen: 36.816 ng
RT: 14.162 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Tgt Ion:228 Resp: 1190986

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.3	36.5
229	22.3	15.9	23.9



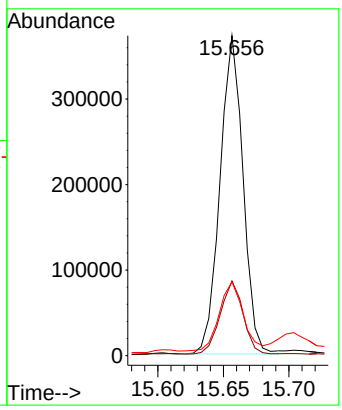


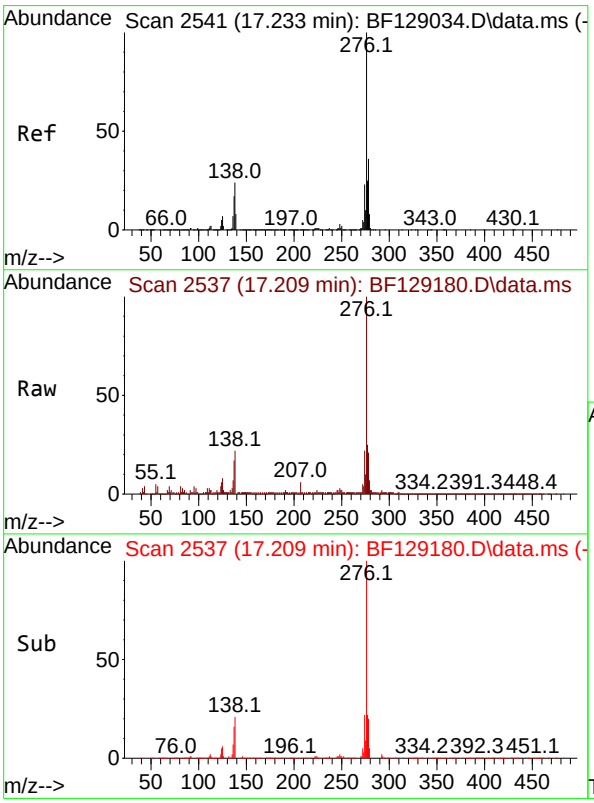
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.656 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Tgt Ion:264 Resp: 454007

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	23.1	17.2	25.8

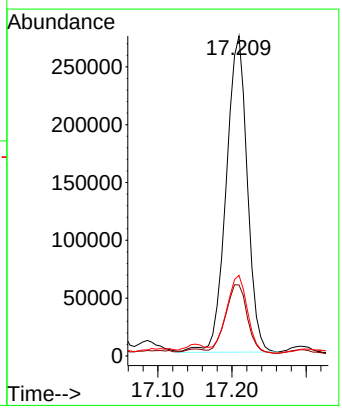


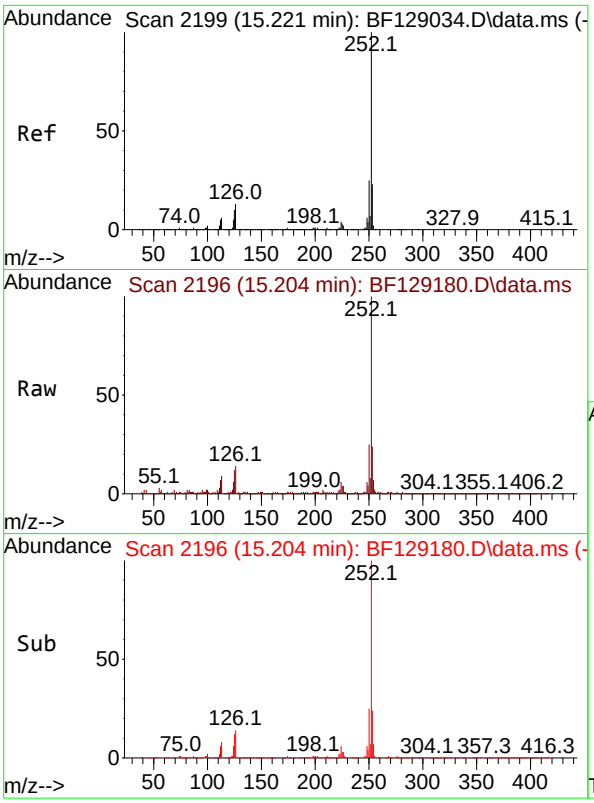


#87
Indeno(1,2,3-cd)pyrene
Concen: 19.410 ng
RT: 17.209 min Scan# 2537
Delta R.T. -0.006 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Tgt Ion:276 Resp: 540477

Ion	Ratio	Lower	Upper
276	100		
138	22.5	21.1	31.7
277	24.5	20.3	30.5



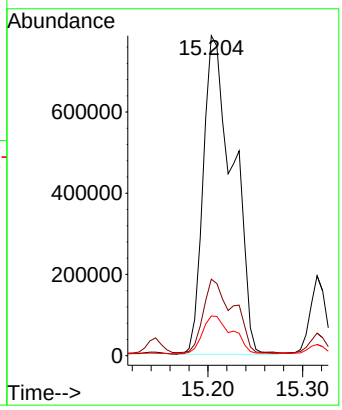


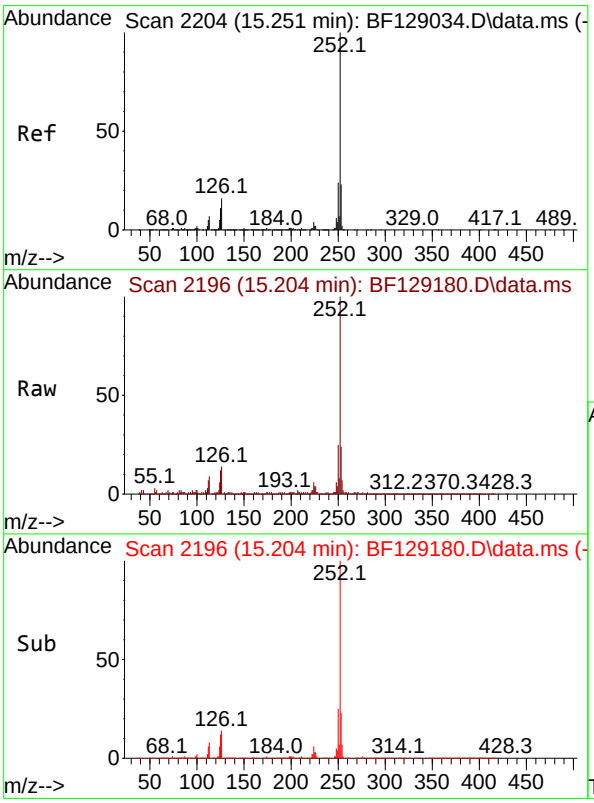
#88
Benzo(b)fluoranthene
Concen: 62.887 ng
RT: 15.204 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Tgt Ion:252 Resp: 1717052

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	12.4	8.0	12.0#

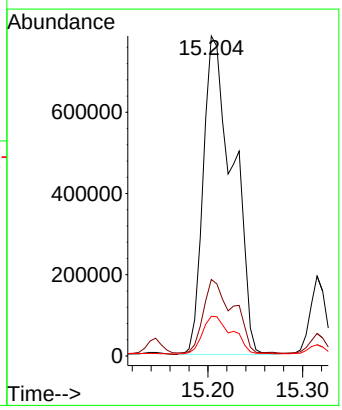


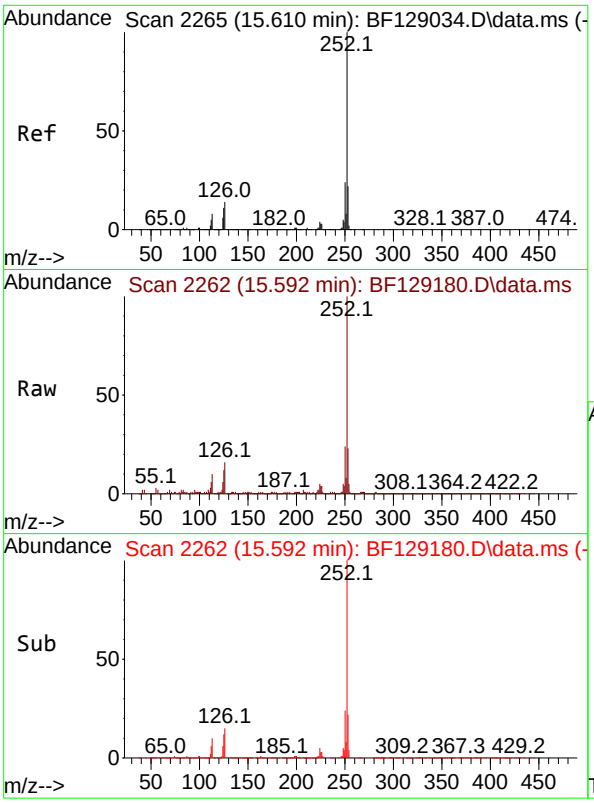


#89
Benzo(k)fluoranthene
Concen: 64.837 ng
RT: 15.204 min Scan# 2196
Delta R.T. -0.029 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Tgt Ion:252 Resp: 1717052

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	12.4	8.3	12.5



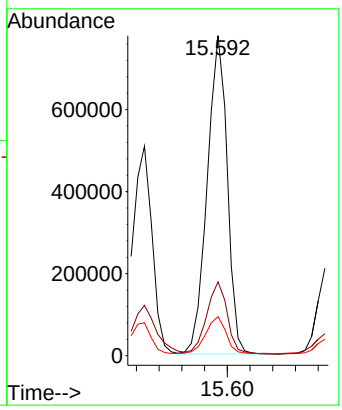


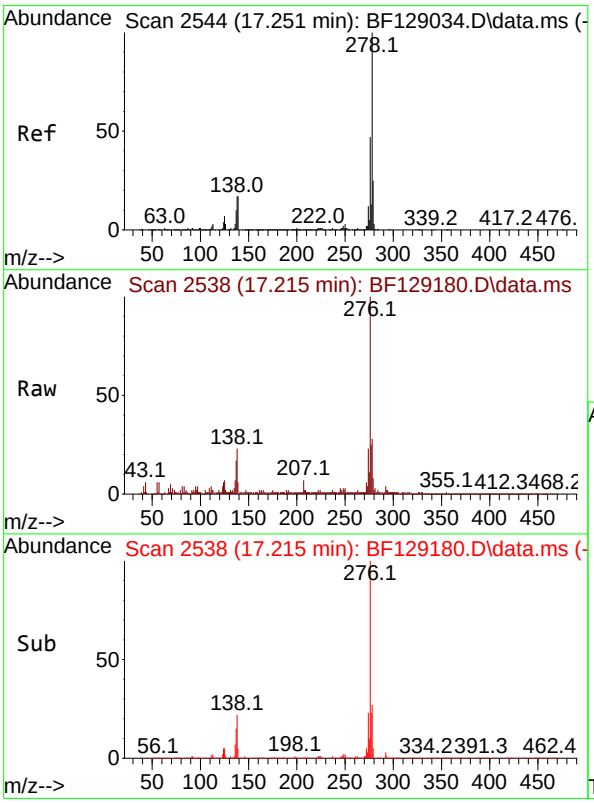
#90
Benzo(a)pyrene
Concen: 42.767 ng
RT: 15.592 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Tgt Ion:252 Resp: 951931

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	12.2	8.8	13.2

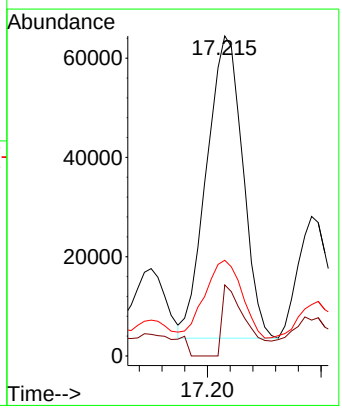


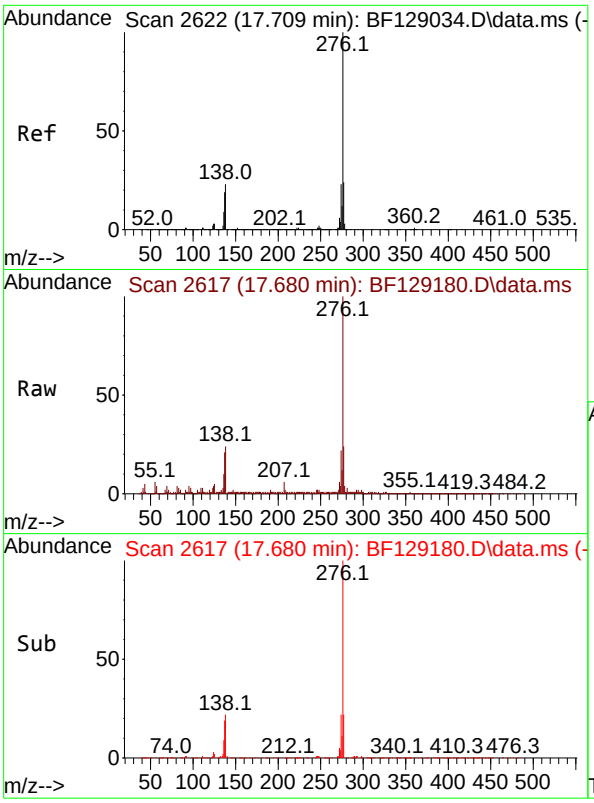


#91
Dibenzo(a,h)anthracene
Concen: 5.918 ng
RT: 17.215 min Scan# 2538
Delta R.T. -0.018 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Tgt Ion:278 Resp: 134334

Ion	Ratio	Lower	Upper
278	100		
139	22.2	12.8	19.2#
279	29.9	18.6	28.0#





#92
Benzo(g,h,i)perylene
Concen: 22.502 ng
RT: 17.680 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF129180.D
Acq: 08 Jul 2022 17:43

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Tgt Ion:276 Resp: 512455

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	24.4	18.0	27.0