Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
Data File : BF129707.D
Acq On : 10 Aug 2022 21:31
Operator : CG\JU
Sample : N4119-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP1-2-4FT

Quant Time: Aug 10 21:55:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 15:26:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	187079	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	687182	20.000	ng	#-0.01
39) Acenaphthene-d10	9.875	164	292136	20.000	ng	-0.02
64) Phenanthrene-d10	11.363	188	403744	20.000	ng	#-0.02
76) Chrysene-d12	14.015	240	330388	20.000	ng	-0.01
86) Perylene-d12	15.492	264	256385	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	176164	15.340	ng	0.00
7) Phenol-d6	6.492	99	216375	14.990	ng	-0.01
23) Nitrobenzene-d5	7.398	82	125428	9.964	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	33416	11.897	ng	-0.02
45) 2-Fluorobiphenyl	9.192	172	222855	11.801	ng	-0.02
79) Terphenyl-d14	12.945	244	160196	9.148	ng	-0.02
Target Compounds						Qvalue
25) Isophorone	7.398	82	123918	5.492	ng	# 65
49) Acenaphthylene	9.733	152	81862	3.126	ng	97
51) 2,6-Dinitrotoluene	9.875	165	38634	8.559	ng	# 26
57) 2,4-Dinitrotoluene	9.875	165	38634	6.552	ng	# 22
71) Phenanthrene	11.386	178	346124	15.705	ng	99
72) Anthracene	11.439	178	145568	6.721	ng	98
75) Fluoranthene	12.586	202	848545	37.999	ng	99
78) Pyrene	12.816	202	848759	30.721	ng	98
81) Benzo(a)anthracene	14.004	228	650042	28.803	ng	95
83) Chrysene	14.045	228	532280	25.025	ng	97
87) Indeno(1,2,3-cd)pyrene	16.974	276	261349	15.137	ng	94
88) Benzo(b)fluoranthene	15.062	252	874842	51.441	ng	98
89) Benzo(k)fluoranthene	15.062	252	874842	52.492	ng	99
90) Benzo(a)pyrene	15.427	252	472465	34.222	ng	96
91) Dibenzo(a,h)anthracene	17.145	278	63822	4.542	ng	96
92) Benzo(g,h,i)perylene	17.427	276	240391	16.741	ng	97

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

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Quant Time: Aug 10 21:55:18 2022
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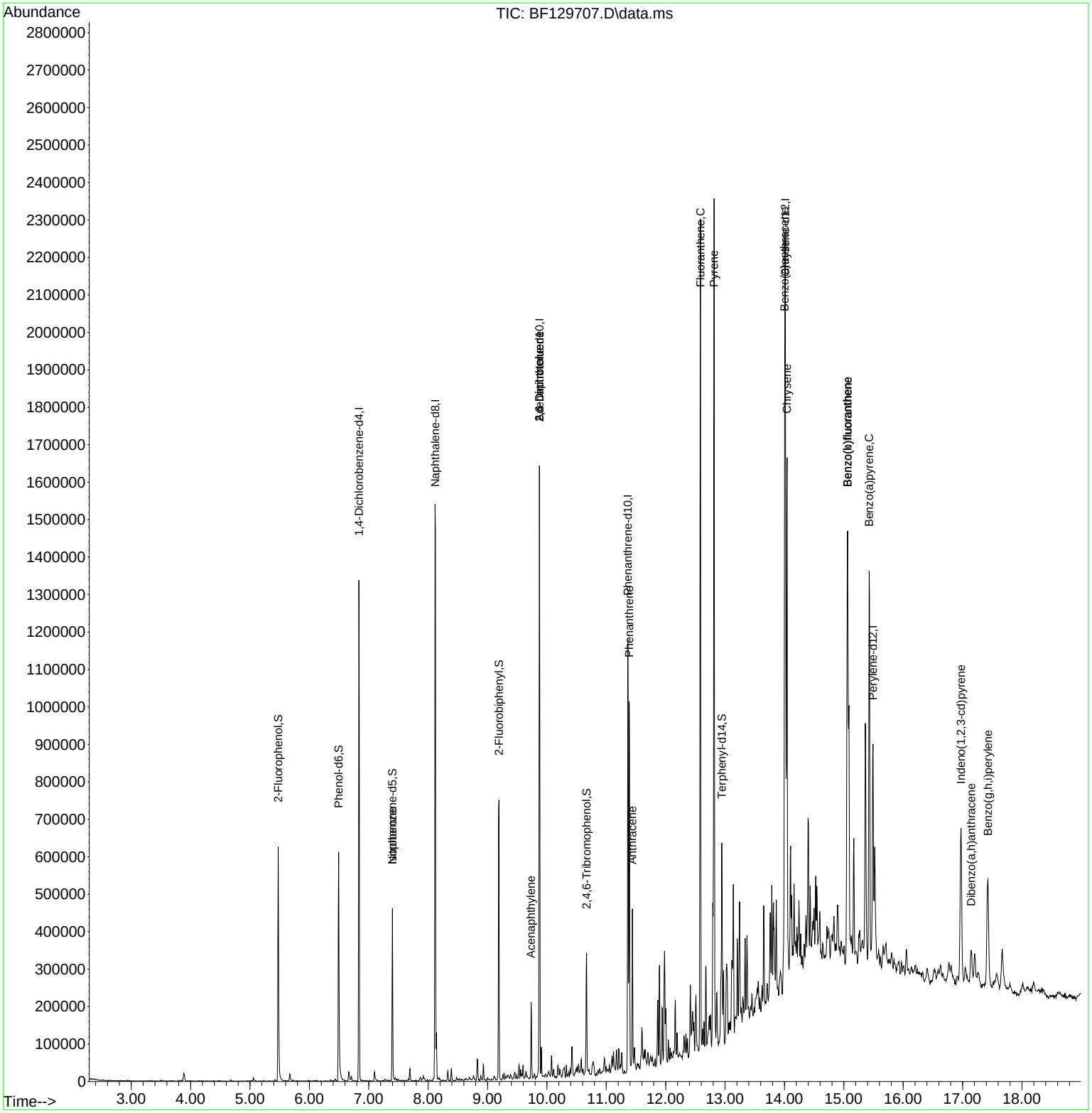
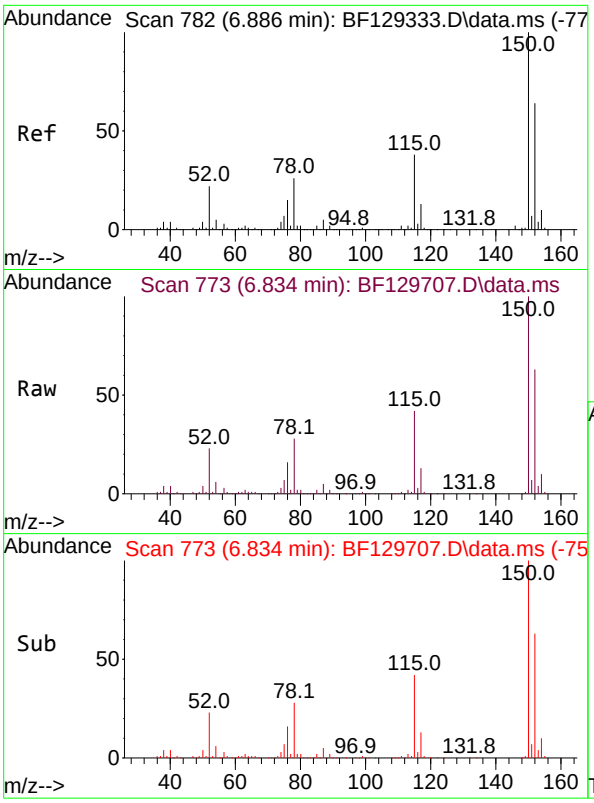


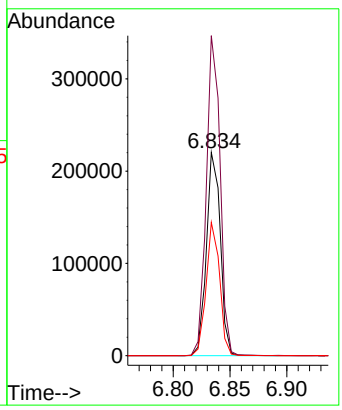


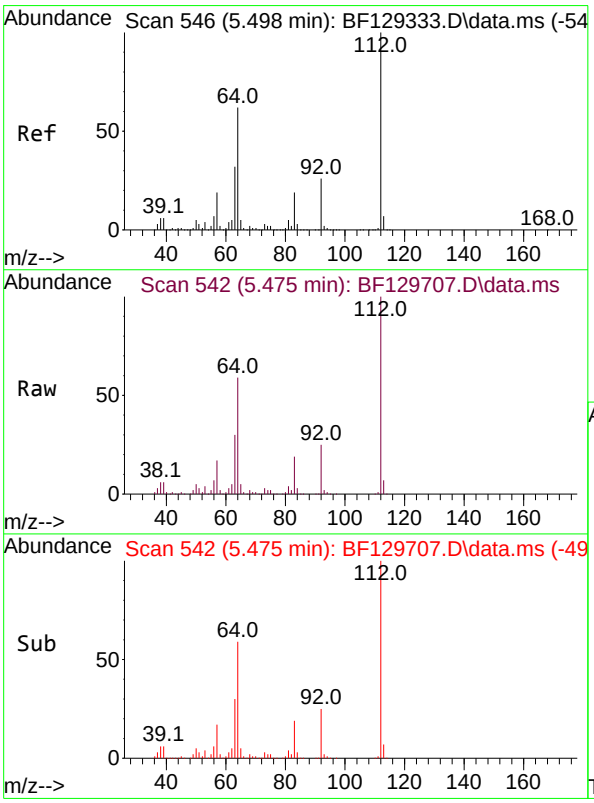
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 7
Delta R.T. -0.017 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Instrument :
BNA_F
ClientSampleId :
TP1-2-4FT

Tgt Ion:152 Resp: 187079

Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.7	185.5
115	65.6	49.9	74.9

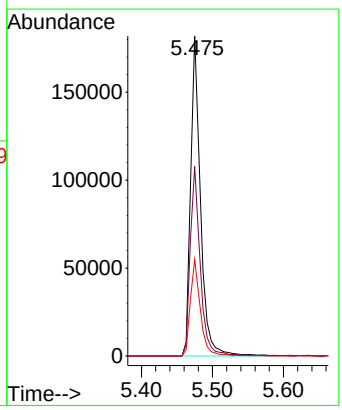


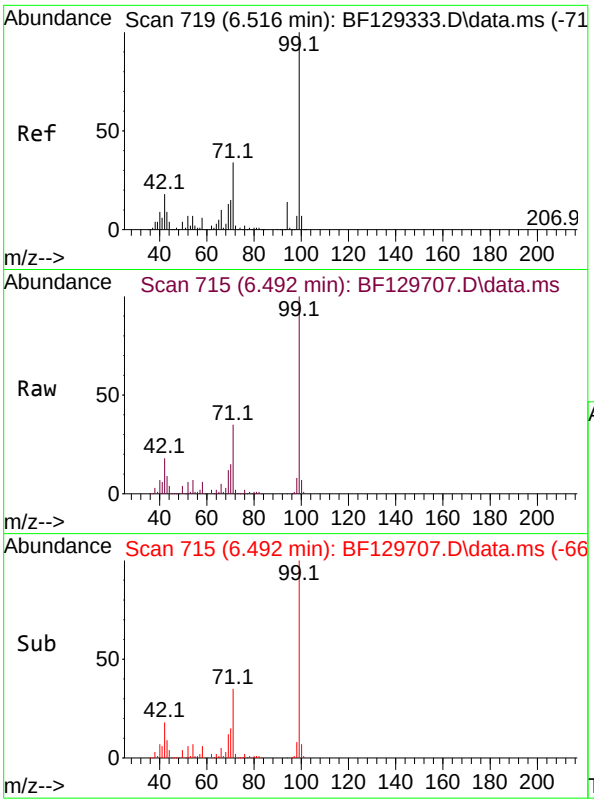


#5
2-Fluorophenol
Concen: 15.340 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Tgt Ion:112 Resp: 176164

Ion	Ratio	Lower	Upper
112	100		
64	59.2	53.3	79.9
63	30.2	28.0	42.0



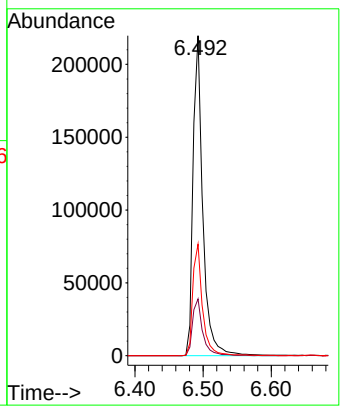


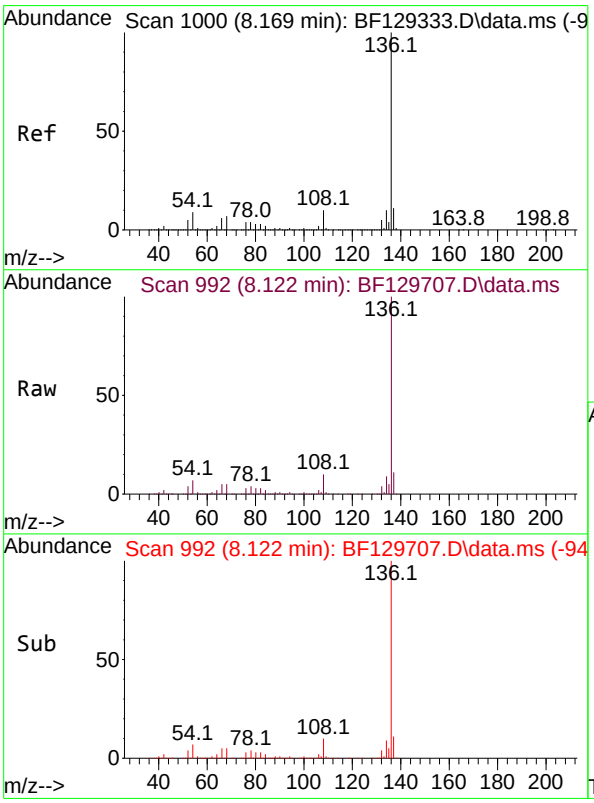
#7
Phenol-d6
Concen: 14.990 ng
RT: 6.492 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Instrument :
BNA_F
ClientSampleId :
TP1-2-4FT

Tgt Ion: 99 Resp: 216375

Ion	Ratio	Lower	Upper
99	100		
42	17.8	17.3	25.9
71	34.8	28.9	43.3

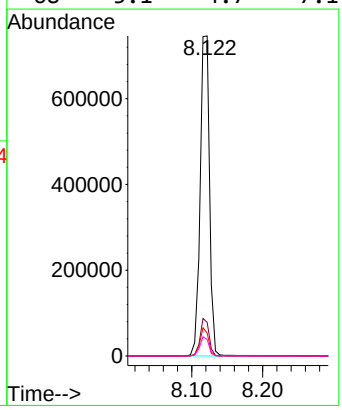


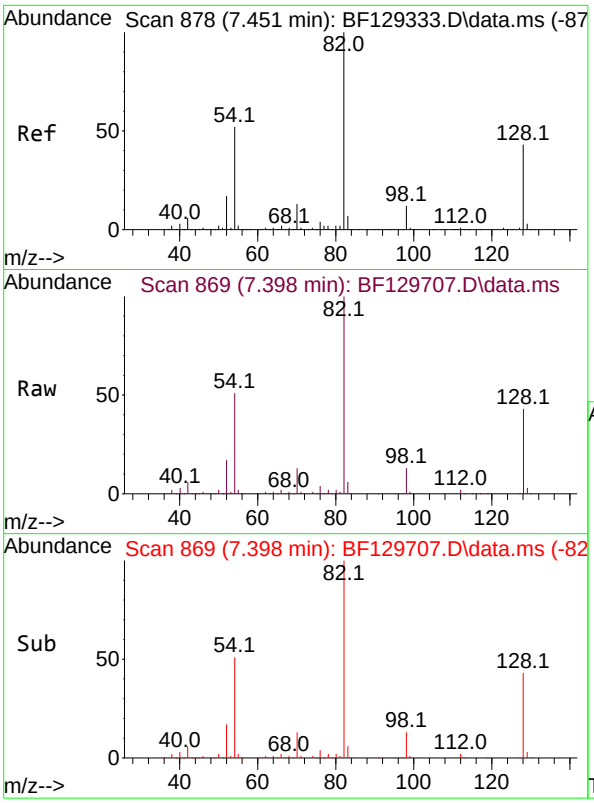


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Tgt Ion:136 Resp: 687182

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.1	7.5	11.3#
68	5.1	4.7	7.1



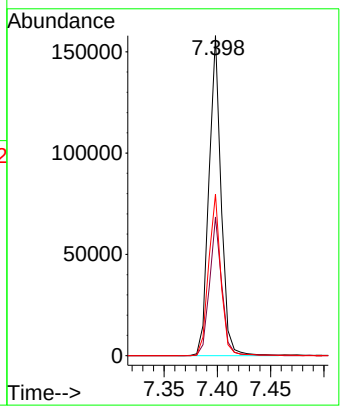


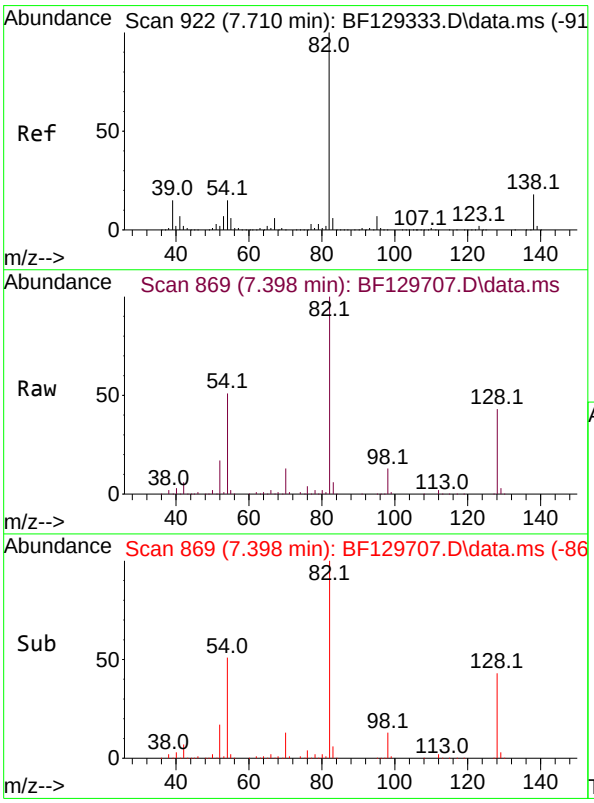
#23
Nitrobenzene-d5
Concen: 9.964 ng
RT: 7.398 min Scan# 8
Delta R.T. -0.024 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Instrument :
BNA_F
ClientSampleId :
TP1-2-4FT

Tgt Ion: 82 Resp: 125428

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.0	51.0
54	50.5	46.9	70.3

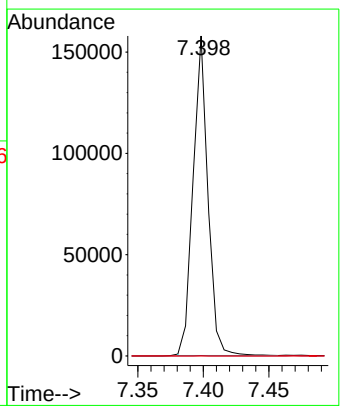


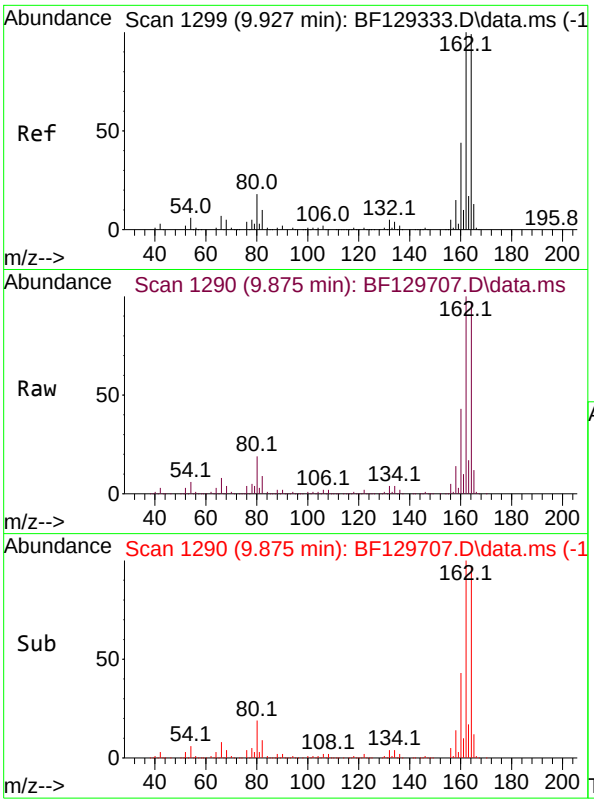


#25
Isophorone
Concen: 5.492 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.282 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Tgt Ion: 82 Resp: 123918

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	14.2	21.2#



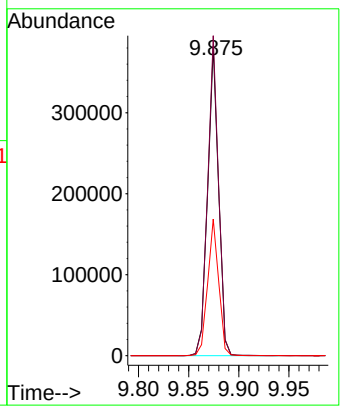


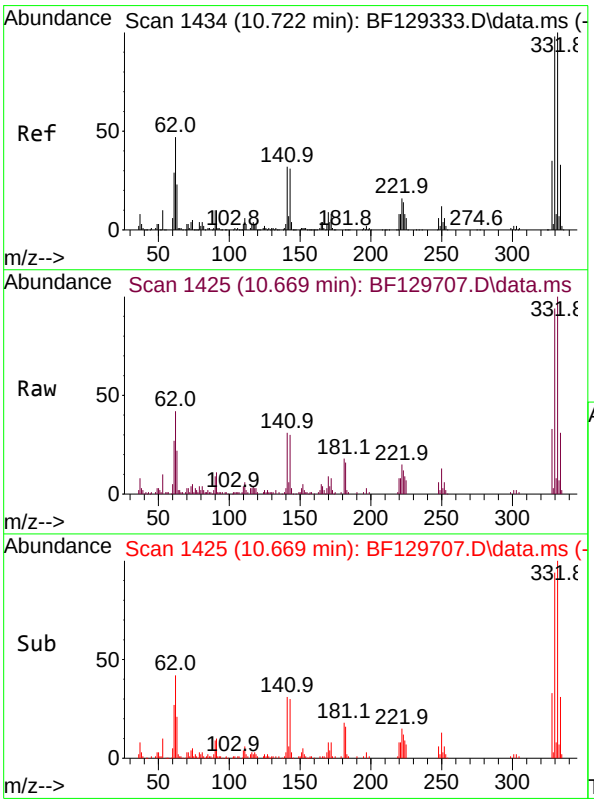
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Instrument :
BNA_F
ClientSampleId :
TP1-2-4FT

Tgt Ion:164 Resp: 292136

Ion	Ratio	Lower	Upper
164	100		
162	103.6	79.5	119.3
160	44.2	34.2	51.4

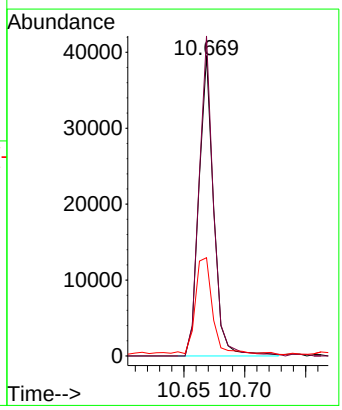


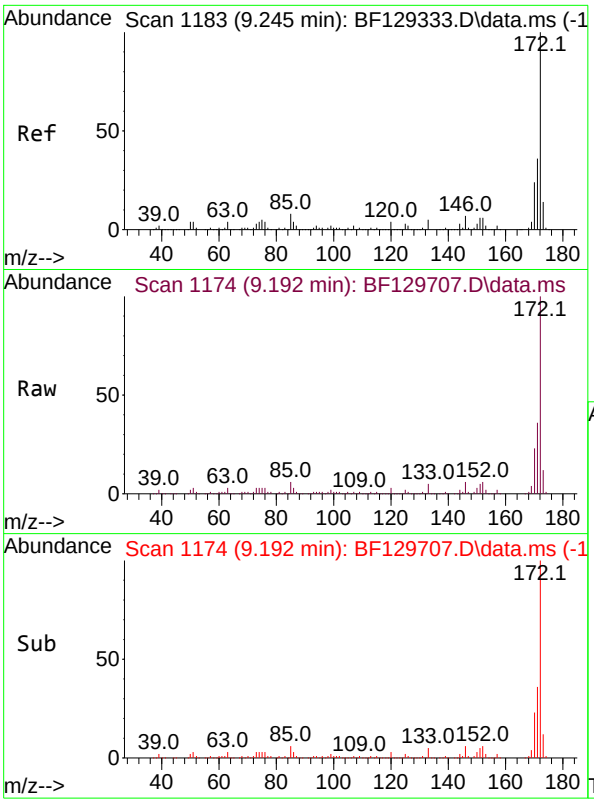


#42
2,4,6-Tribromophenol
Concen: 11.897 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.018 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Tgt Ion:330 Resp: 33416

Ion	Ratio	Lower	Upper
330	100		
332	103.2	76.8	115.2
141	35.7	28.0	42.0



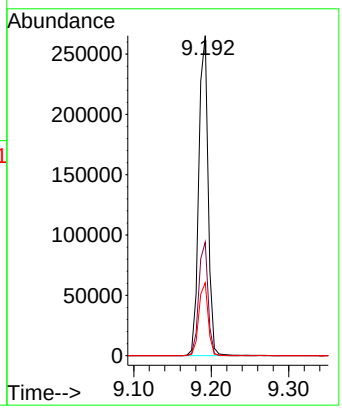


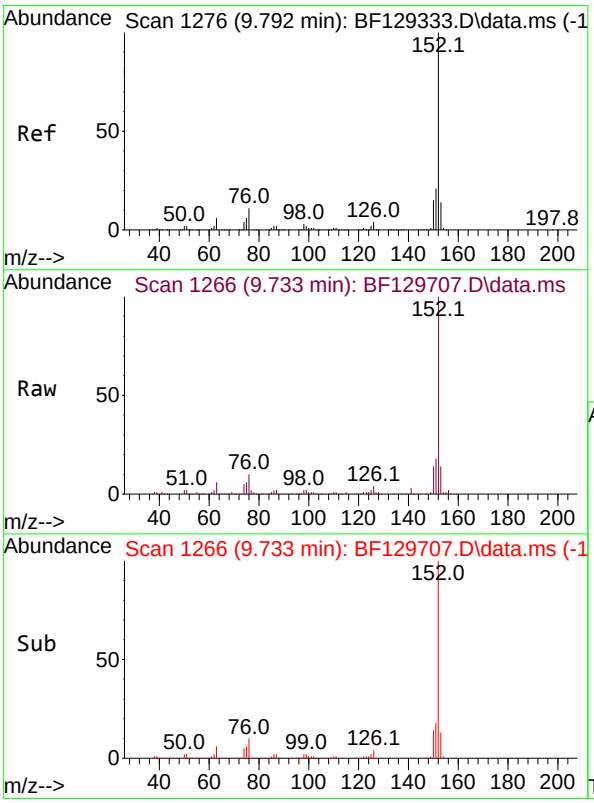
#45
2-Fluorobiphenyl
Concen: 11.801 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Instrument :
BNA_F
ClientSampleId :
TP1-2-4FT

Tgt Ion:172 Resp: 222855

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.8	43.2
170	22.8	19.8	29.8

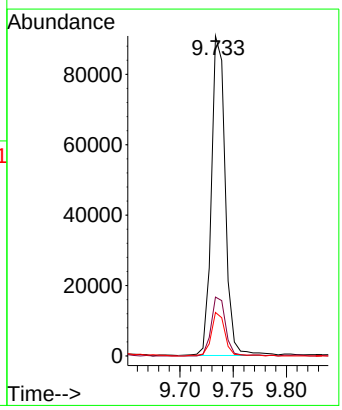


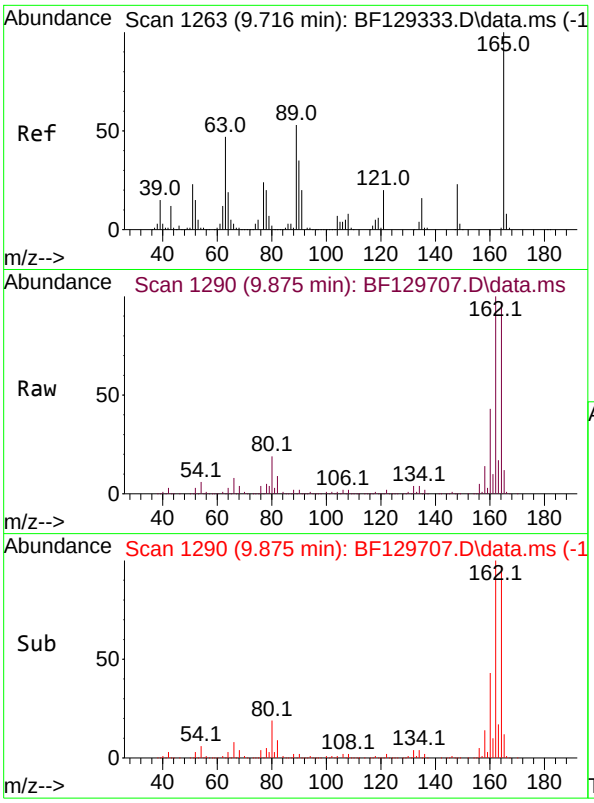


#49
Acenaphthylene
Concen: 3.126 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.024 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Tgt Ion:152 Resp: 81862

Ion	Ratio	Lower	Upper
152	100		
151	18.4	16.2	24.4
153	13.6	10.7	16.1



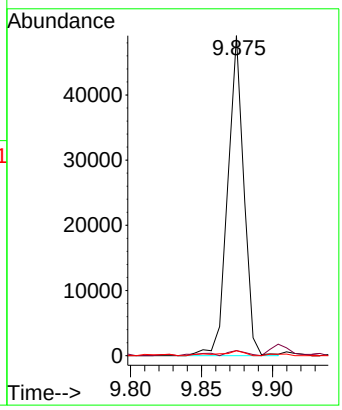


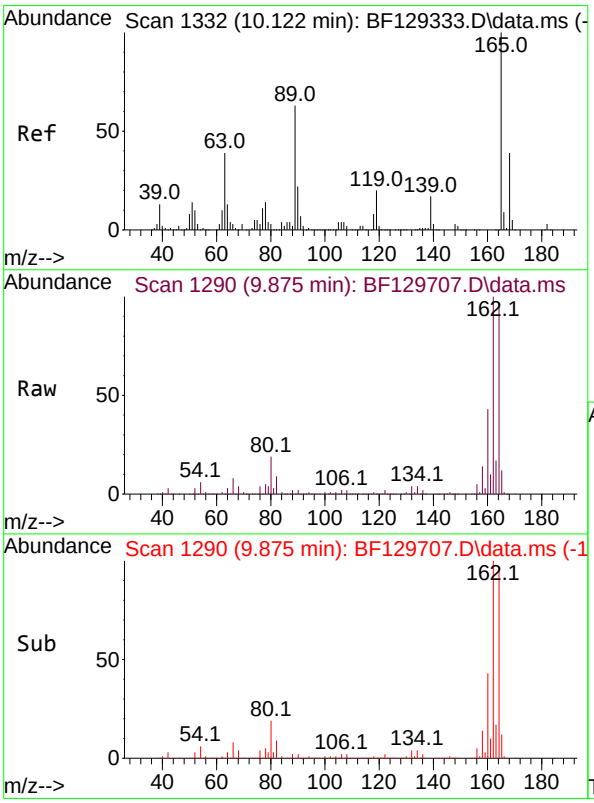
#51
2,6-Dinitrotoluene
Concen: 8.559 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.194 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Instrument :
BNA_F
ClientSampleId :
TP1-2-4FT

Tgt Ion:165 Resp: 38634

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.9	67.3#
89	1.6	43.6	65.4#

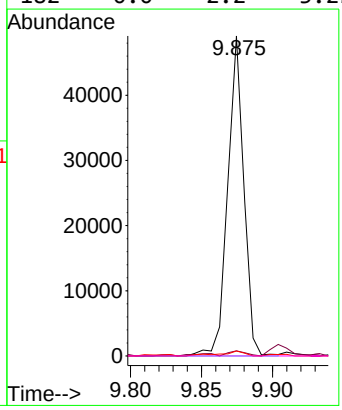


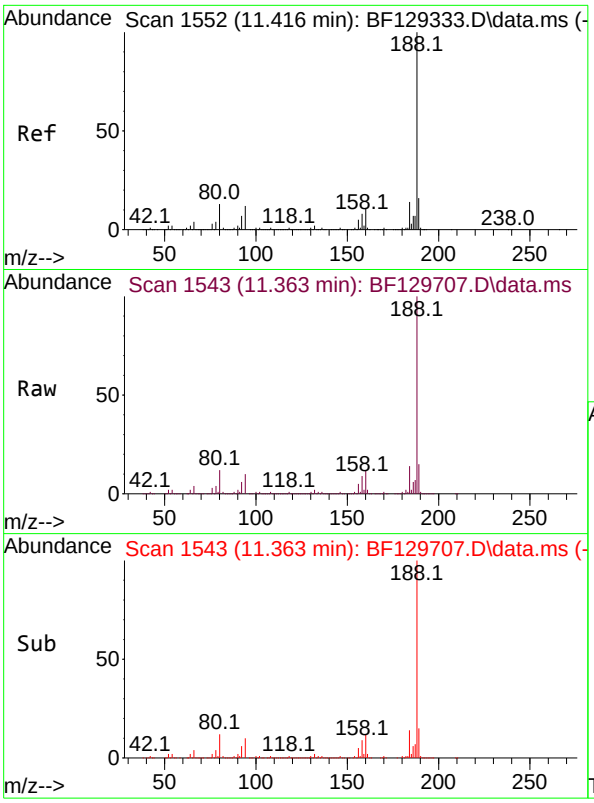


#57
2,4-Dinitrotoluene
Concen: 6.552 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.212 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Tgt Ion:165 Resp: 38634

Ion	Ratio	Lower	Upper
165	100		
63	1.6	39.8	59.6#
89	1.6	60.2	90.2#
182	0.0	2.2	3.2#



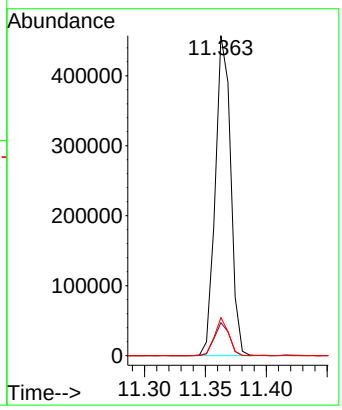


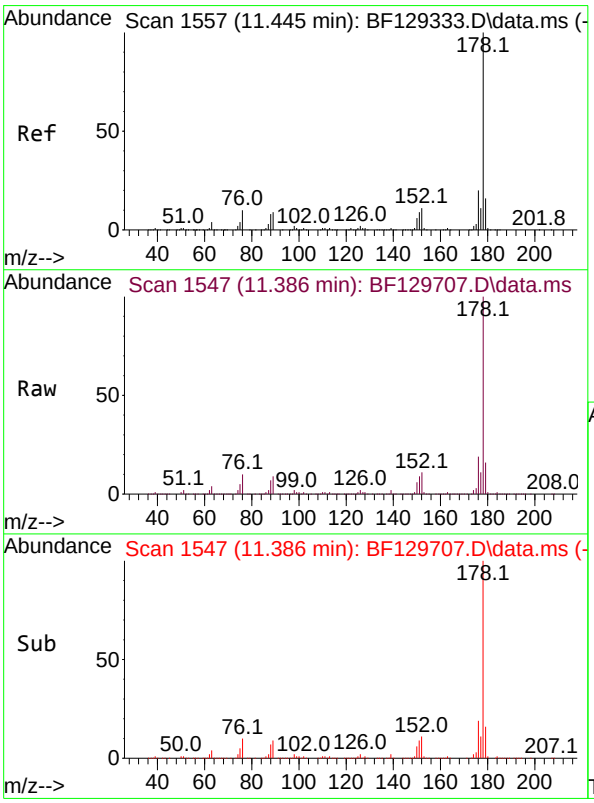
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Instrument :
BNA_F
ClientSampleId :
TP1-2-4FT

Tgt Ion:188 Resp: 403744

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.0	10.6
80	11.9	7.6	11.4#

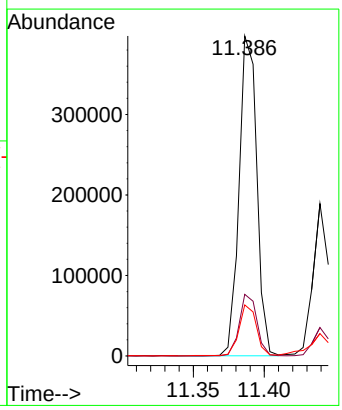


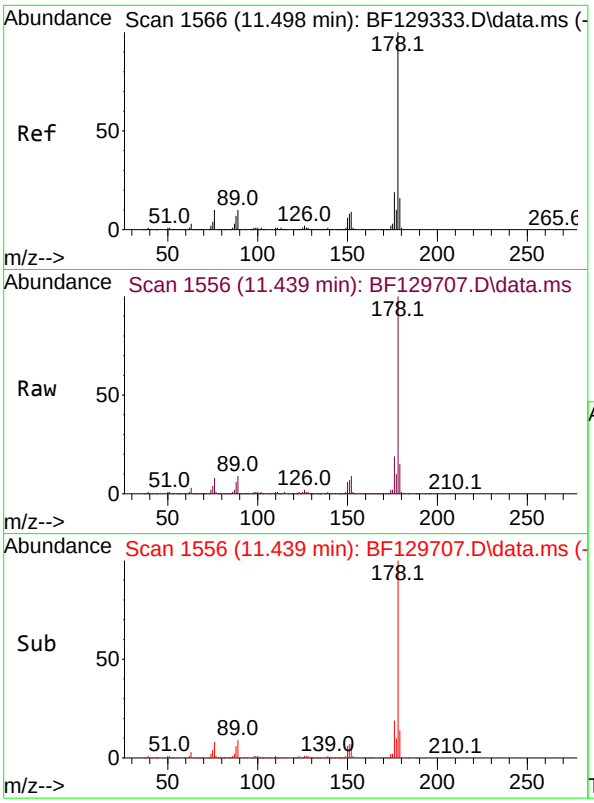


#71
Phenanthrene
Concen: 15.705 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.024 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Tgt Ion:178 Resp: 346124

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	15.9	12.6	19.0



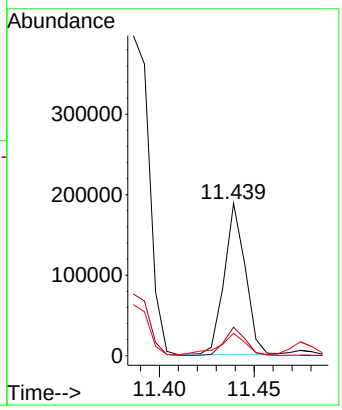


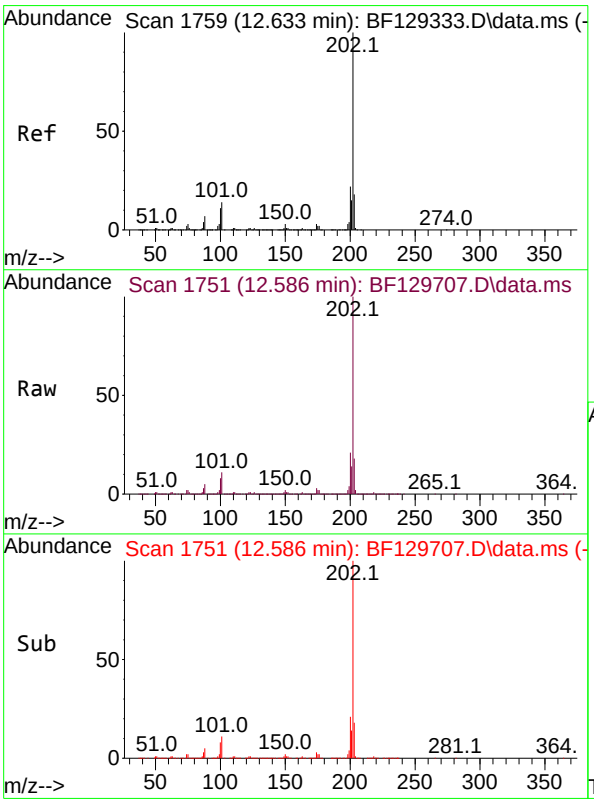
#72
Anthracene
Concen: 6.721 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Instrument :
BNA_F
ClientSampleId :
TP1-2-4FT

Tgt Ion:178 Resp: 145568

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	14.7	12.6	19.0

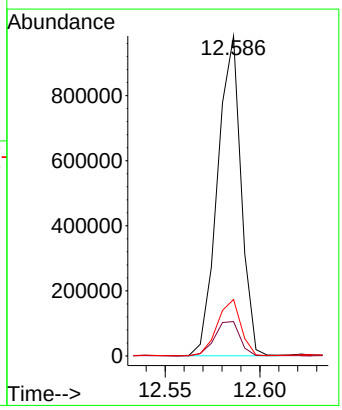


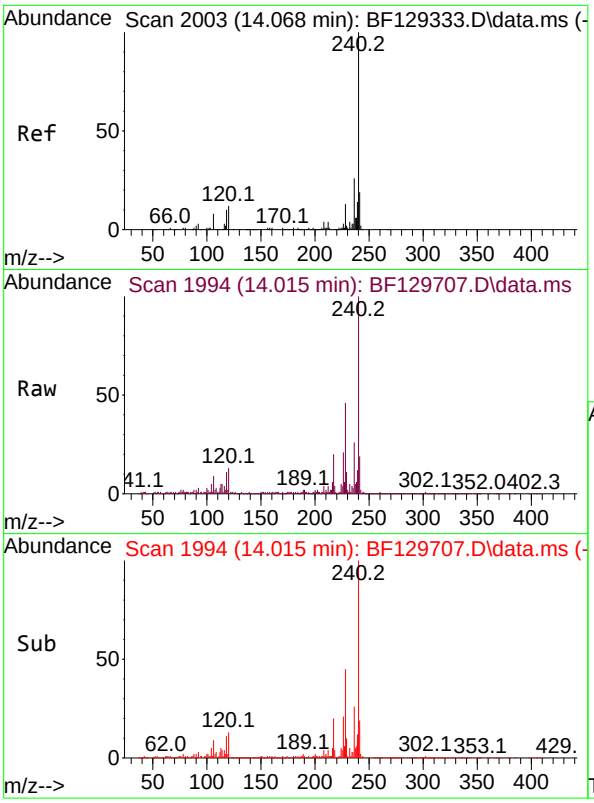


#75
Fluoranthene
Concen: 37.999 ng
RT: 12.586 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Tgt Ion:202 Resp: 848545

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.4
203	17.7	0.0	38.0



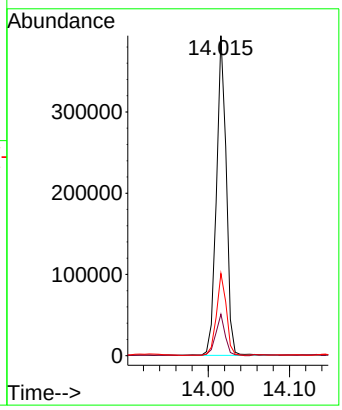


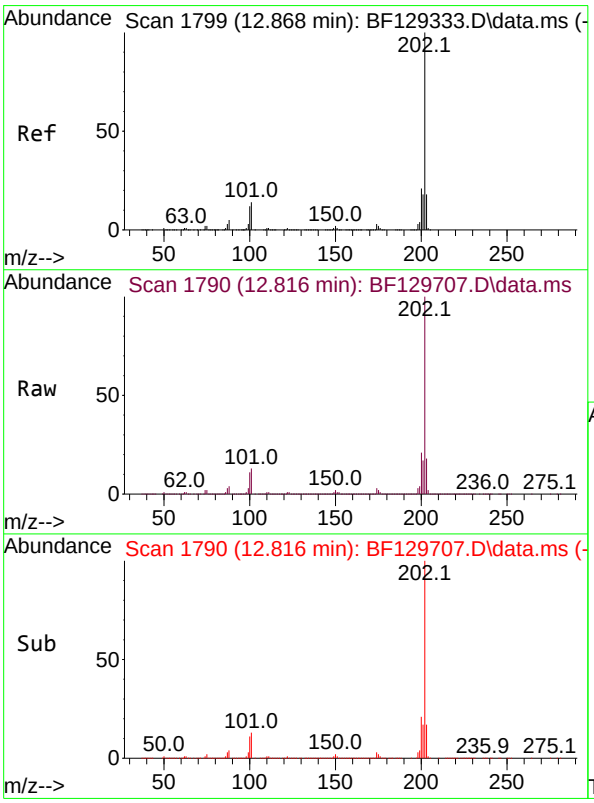
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Instrument :
BNA_F
ClientSampleId :
TP1-2-4FT

Tgt Ion:240 Resp: 330388

Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.9	13.3
236	25.7	20.8	31.2

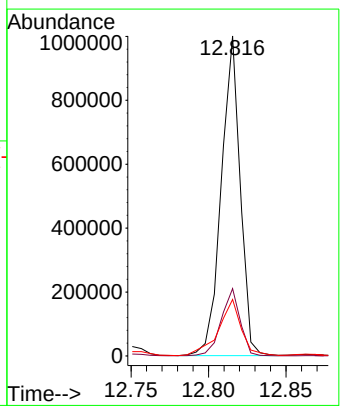


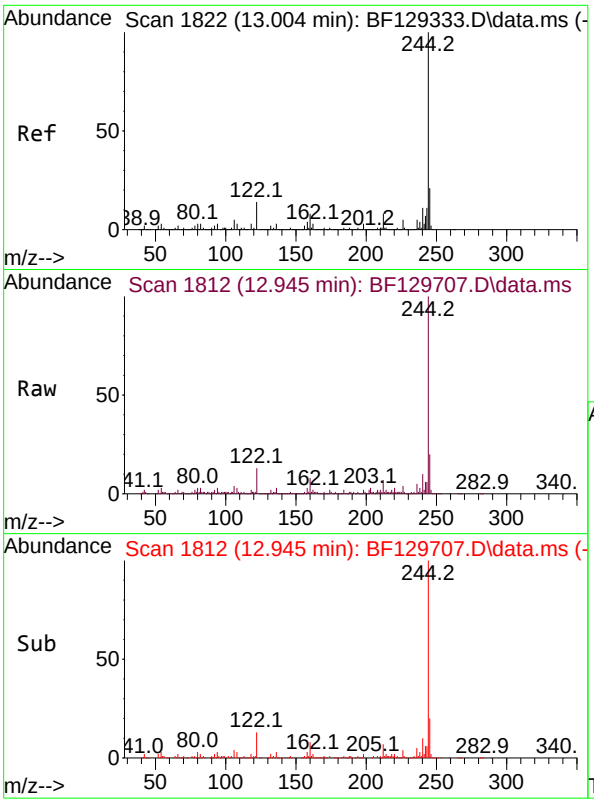


#78
Pyrene
Concen: 30.721 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Tgt Ion:202 Resp: 848759

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	17.7	14.6	21.8



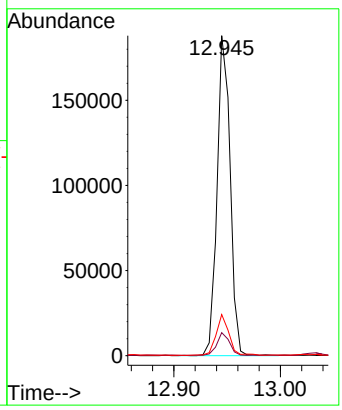


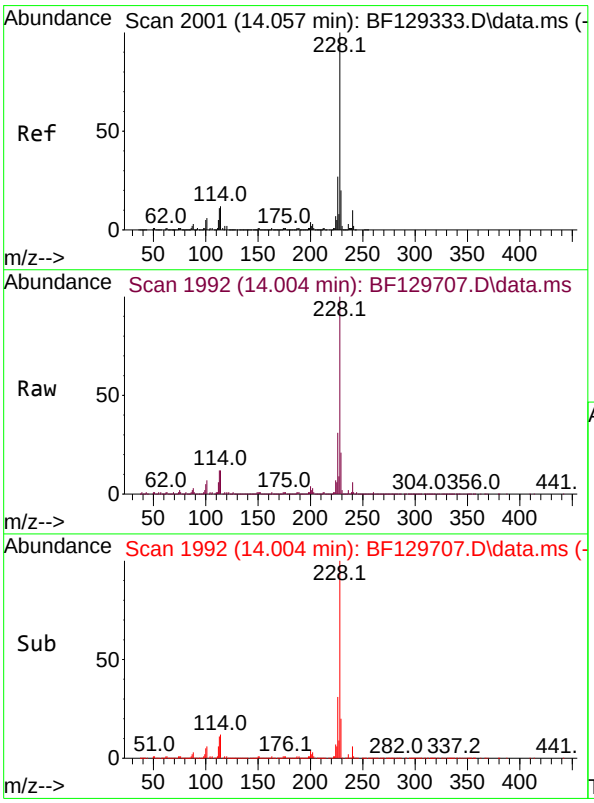
#79
Terphenyl-d14
Concen: 9.148 ng
RT: 12.945 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Instrument :
BNA_F
ClientSampleId :
TP1-2-4FT

Tgt Ion:244 Resp: 160196

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	12.9	8.8	13.2

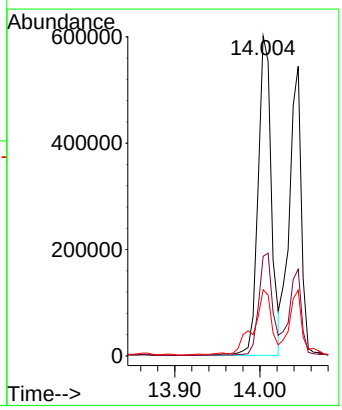


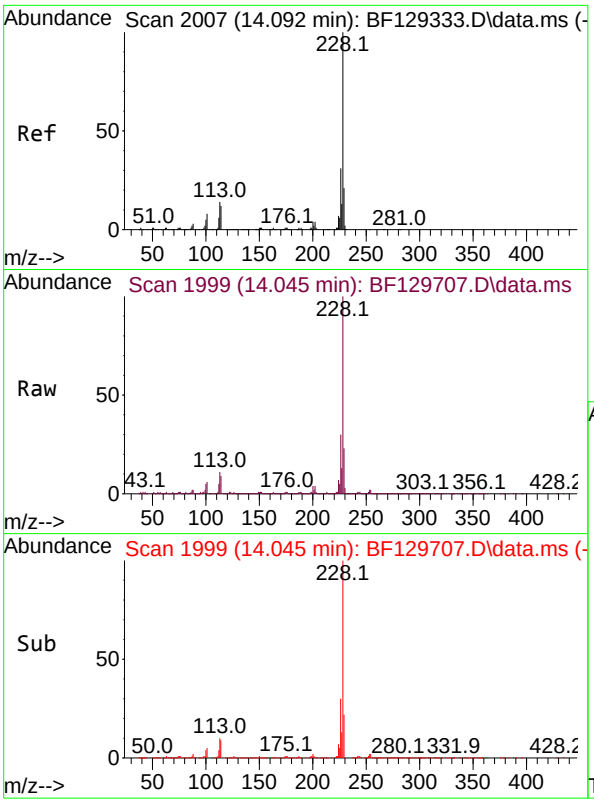


#81
Benzo(a)anthracene
Concen: 28.803 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Tgt Ion:228 Resp: 650042

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.1	33.1
229	20.7	15.8	23.8



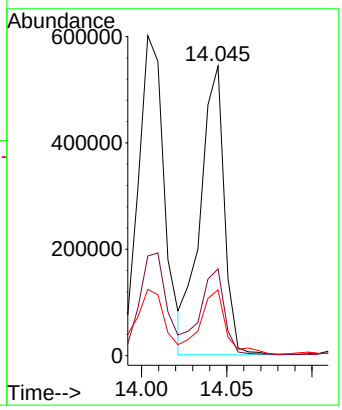


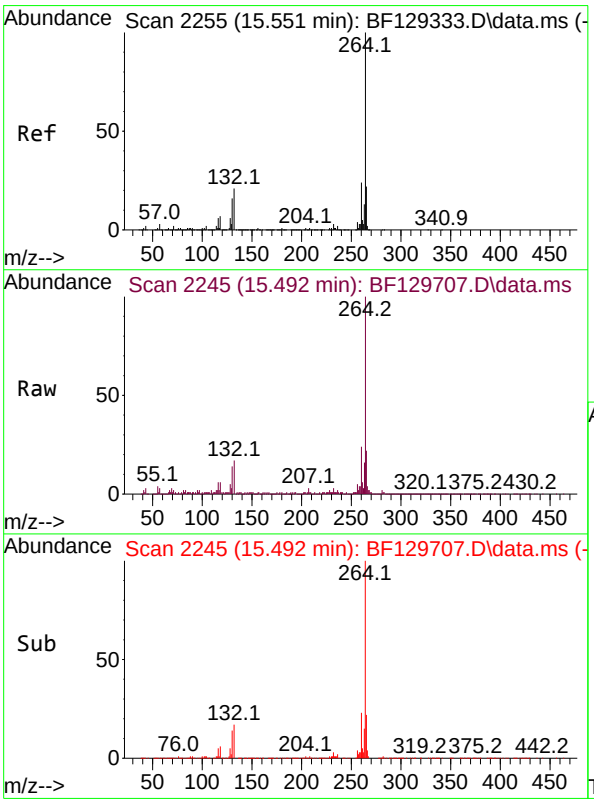
#83
Chrysene
Concen: 25.025 ng
RT: 14.045 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Instrument :
BNA_F
ClientSampleId :
TP1-2-4FT

Tgt Ion:228 Resp: 532280

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	22.7	15.9	23.9

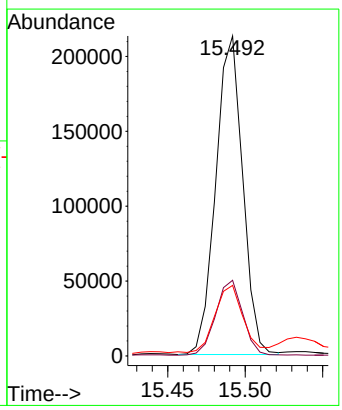


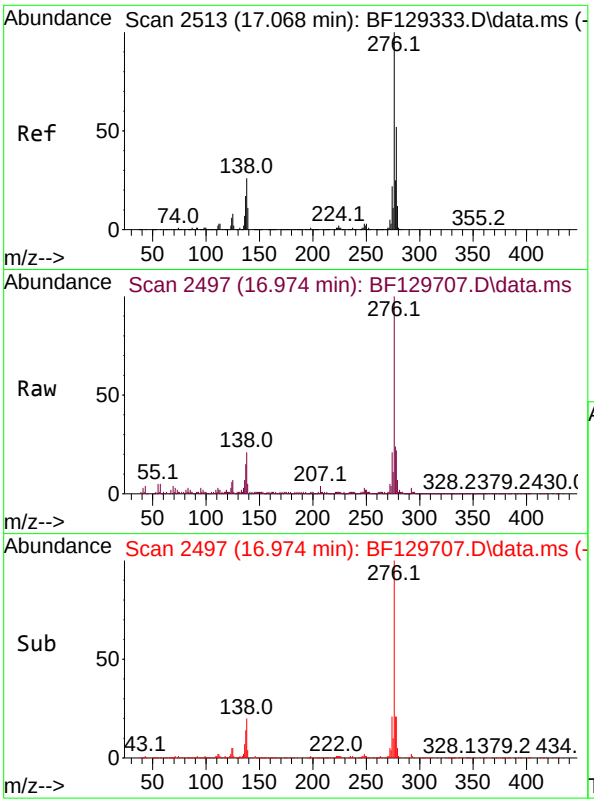


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Tgt Ion:264 Resp: 256385

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	22.0	17.2	25.8



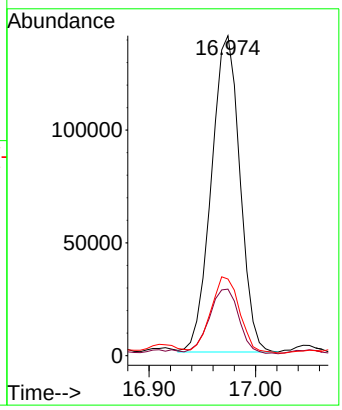


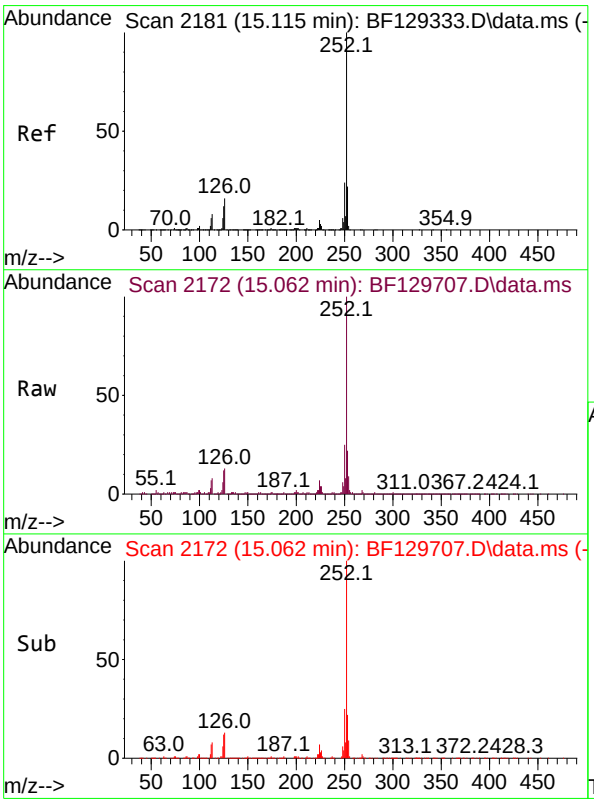
#87
Indeno(1,2,3-cd)pyrene
Concen: 15.137 ng
RT: 16.974 min Scan# 24
Delta R.T. -0.024 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Instrument :
BNA_F
ClientSampleId :
TP1-2-4FT

Tgt Ion:276 Resp: 261349

Ion	Ratio	Lower	Upper
276	100		
138	21.4	21.1	31.7
277	24.4	20.3	30.5

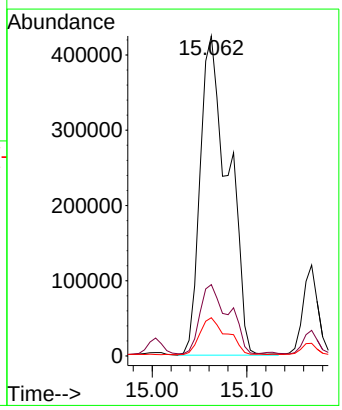


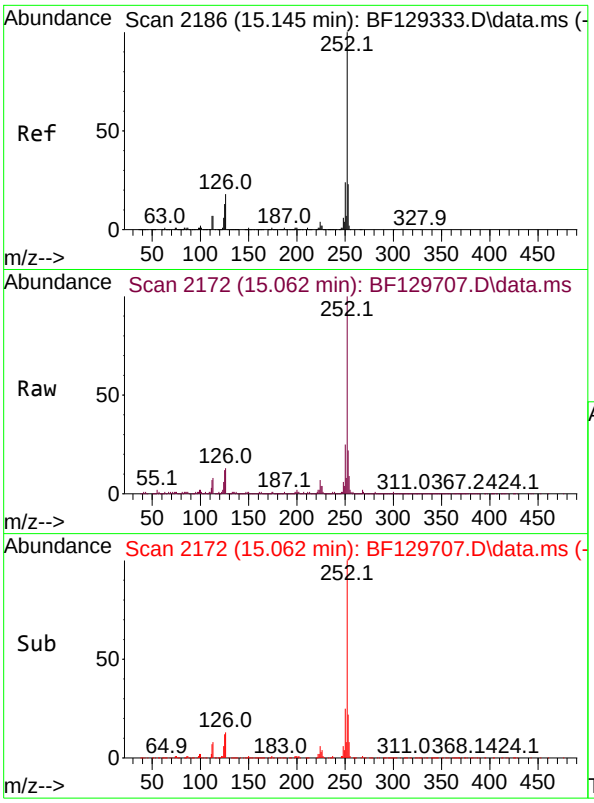


#88
Benzo(b)fluoranthene
Concen: 51.441 ng
RT: 15.062 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Tgt Ion:252 Resp: 874842

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	11.9	8.0	12.0



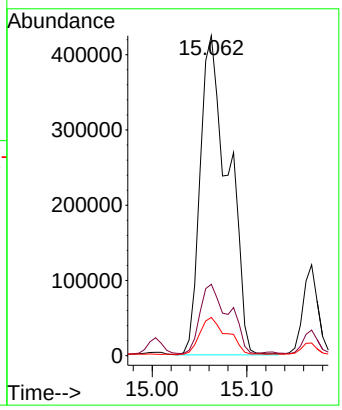


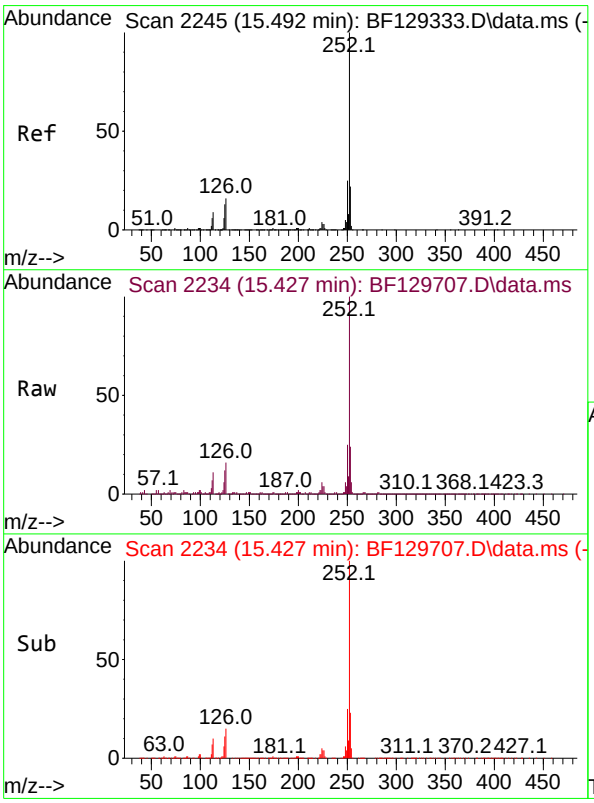
#89
Benzo(k)fluoranthene
Concen: 52.492 ng
RT: 15.062 min Scan# 21
Delta R.T. -0.041 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Instrument :
BNA_F
ClientSampleId :
TP1-2-4FT

Tgt Ion:252 Resp: 874842

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.9	8.3	12.5

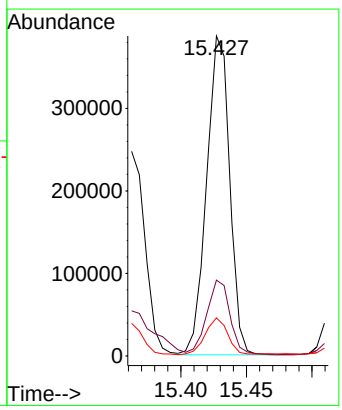


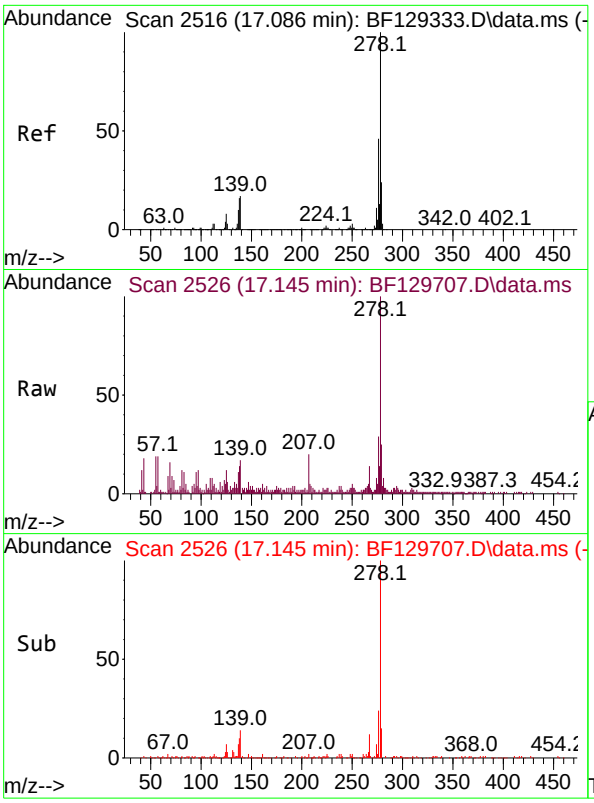


#90
Benzo(a)pyrene
Concen: 34.222 ng
RT: 15.427 min Scan# 2234
Delta R.T. -0.012 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Tgt Ion:252 Resp: 472465

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	11.9	8.8	13.2



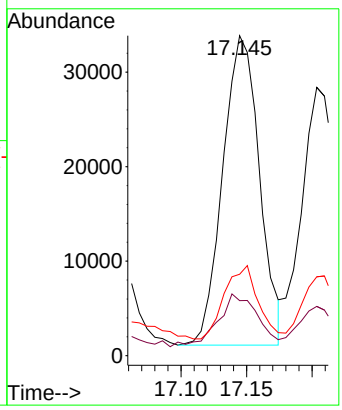


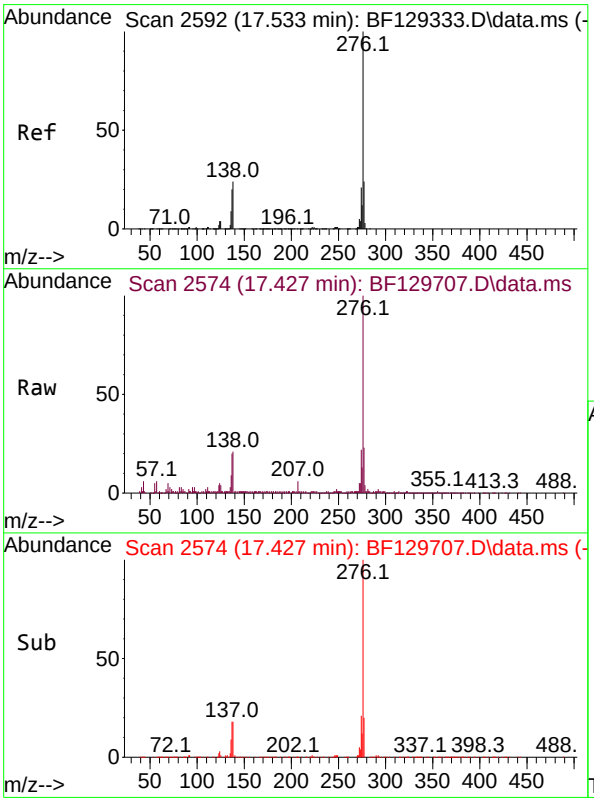
#91
Dibenzo(a,h)anthracene
Concen: 4.542 ng
RT: 17.145 min Scan# 2
Delta R.T. 0.135 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Instrument :
BNA_F
ClientSampleId :
TP1-2-4FT

Tgt Ion:278 Resp: 63822

Ion	Ratio	Lower	Upper
278	100		
139	17.2	12.8	19.2
279	25.4	18.6	28.0





#92
Benzo(g,h,i)perylene
Concen: 16.741 ng
RT: 17.427 min Scan# 2574
Delta R.T. -0.024 min
Lab File: BF129707.D
Acq: 10 Aug 2022 21:31

Tgt Ion:276 Resp: 240391

Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.1	28.7
138	20.8	18.0	27.0