Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128446.D
Acq On : 24 May 2022 20:41
Operator : CG\JU
Sample : N2981-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Quant Time: May 25 03:56:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 03:52:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	78035	20.000	ng	0.00
21) Naphthalene-d8	8.127	136	274001	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	133976	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	247805	20.000	ng	0.00
76) Chrysene-d12	14.027	240	179144	20.000	ng	0.00
86) Perylene-d12	15.509	264	130989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	441454	90.026	ng	0.00
7) Phenol-d6	6.486	99	537889	83.303	ng	0.00
23) Nitrobenzene-d5	7.410	82	359781	58.832	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	113964	82.482	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	540087	65.924	ng	0.00
79) Terphenyl-d14	12.962	244	627123	67.577	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.428	77	761	Below Cal	#	81
19) n-Nitroso-di-n-propyla...	7.410	70	49000	12.688	ng #	80
25) Isophorone	7.410	82	359705	38.382	ng #	68
51) 2,6-Dinitrotoluene	9.886	165	17654	9.458	ng #	22
52) Acenaphthene	9.916	154	18706	2.772	ng	97
55) Dibenzofuran	10.092	168	22050	2.155	ng	94
56) 4-Nitrophenol	10.092	139	8082	6.688	ng #	2
57) 2,4-Dinitrotoluene	9.886	165	17654	7.507	ng #	26
58) Fluorene	10.433	166	16458	2.053	ng	95
67) 4-Bromophenyl-phenylether	10.680	248	6775	2.612	ng #	1
71) Phenanthrene	11.398	178	299089	24.731	ng	99
72) Anthracene	11.451	178	71565	5.954	ng	98
73) Carbazole	11.616	167	40207	3.354	ng	99
75) Fluoranthene	12.598	202	483214	36.896	ng	97
77) Benzidine	12.962	184	9517	2.554	ng	97
78) Pyrene	12.827	202	401243	29.914	ng	99
81) Benzo(a)anthracene	14.015	228	228870	20.080	ng	98
83) Chrysene	14.051	228	186863	17.214	ng	96
84) Bis(2-ethylhexyl)phtha...	13.986	149	41317	5.809	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	79737	10.665	ng	94
88) Benzo(b)fluoranthene	15.074	252	274447	33.681	ng	97
89) Benzo(k)fluoranthene	15.074	252	274447	35.961	ng #	95
90) Benzo(a)pyrene	15.451	252	132834	20.307	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	22050	3.676	ng #	91
92) Benzo(g,h,i)perylene	17.474	276	72672	11.612	ng	96

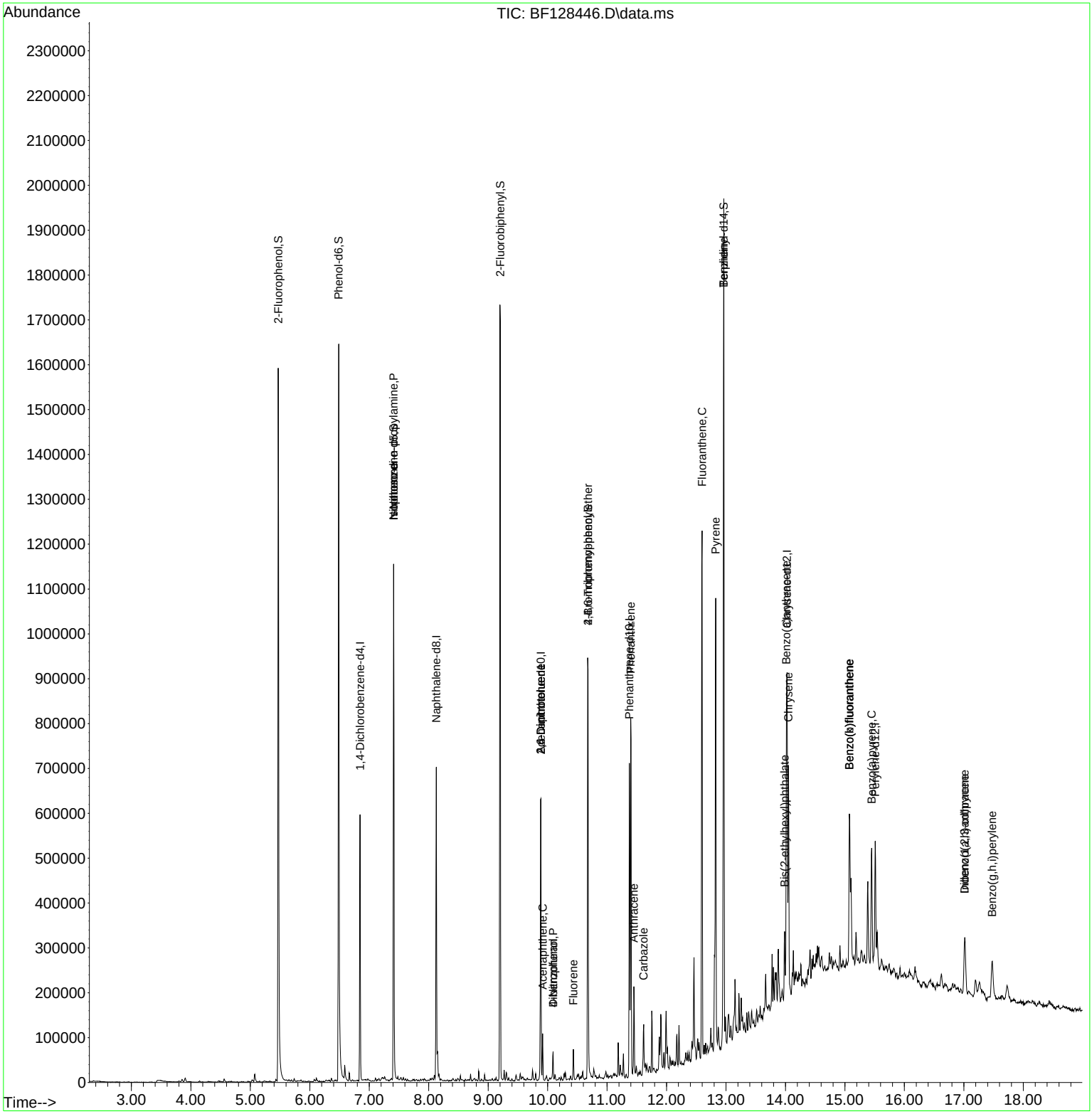
(#) = qualifier out of range (m) = manual integration (+) = signals summed

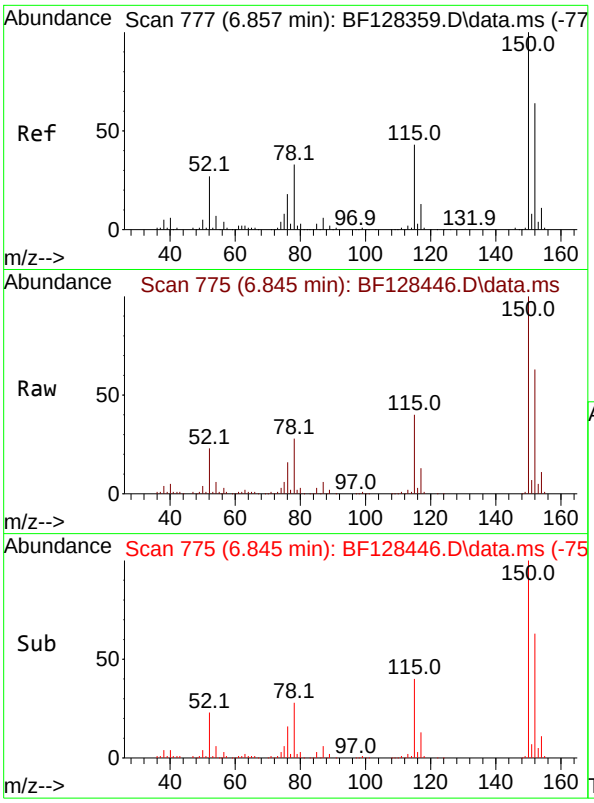
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128446.D
Acq On : 24 May 2022 20:41
Operator : CG\JU
Sample : N2981-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Quant Time: May 25 03:56:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 03:52:53 2022
Response via : Initial Calibration



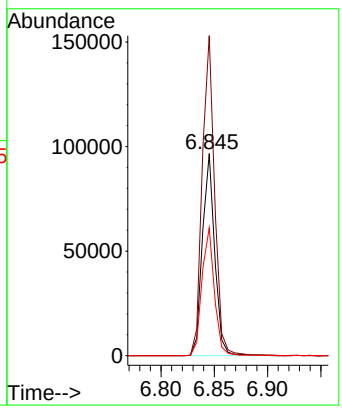


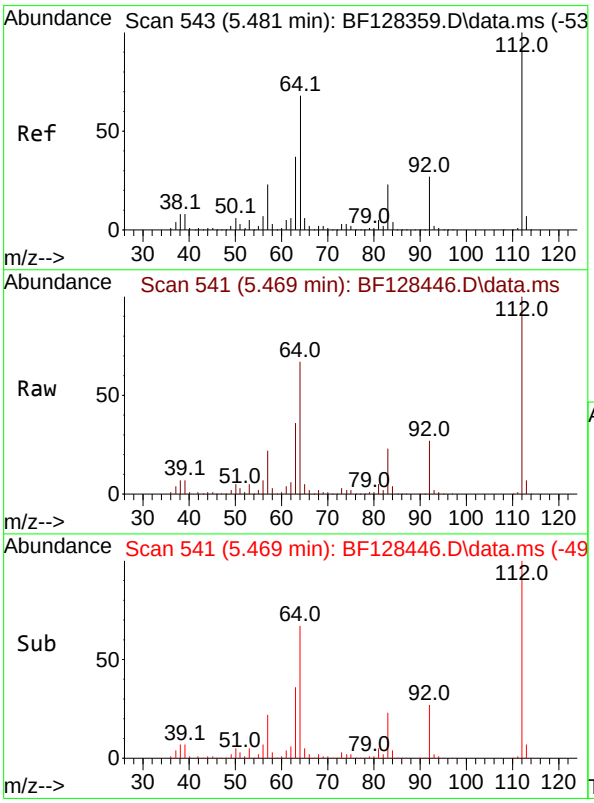
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Tgt Ion:152 Resp: 78035

Ion	Ratio	Lower	Upper
152	100		
150	158.4	125.3	187.9
115	63.3	48.8	73.2

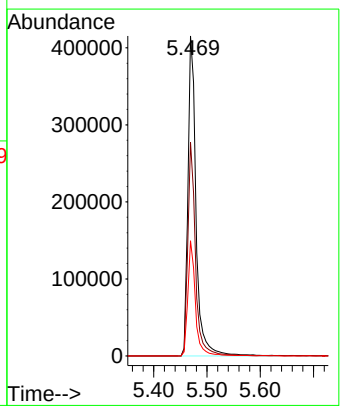


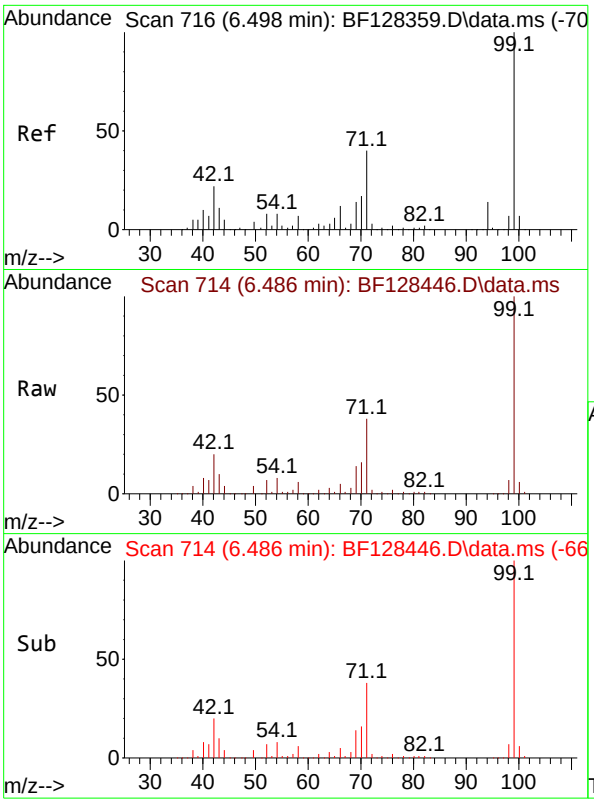


#5
2-Fluorophenol
Concen: 90.026 ng
RT: 5.469 min Scan# 541
Delta R.T. -0.000 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Tgt Ion:112 Resp: 441454

Ion	Ratio	Lower	Upper
112	100		
64	66.8	49.5	74.3
63	36.0	26.3	39.5



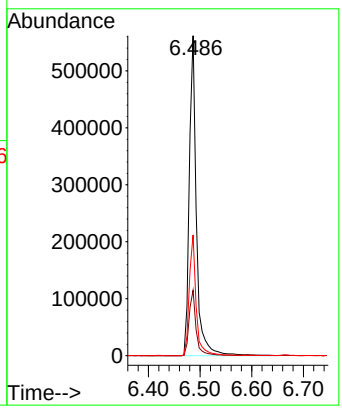


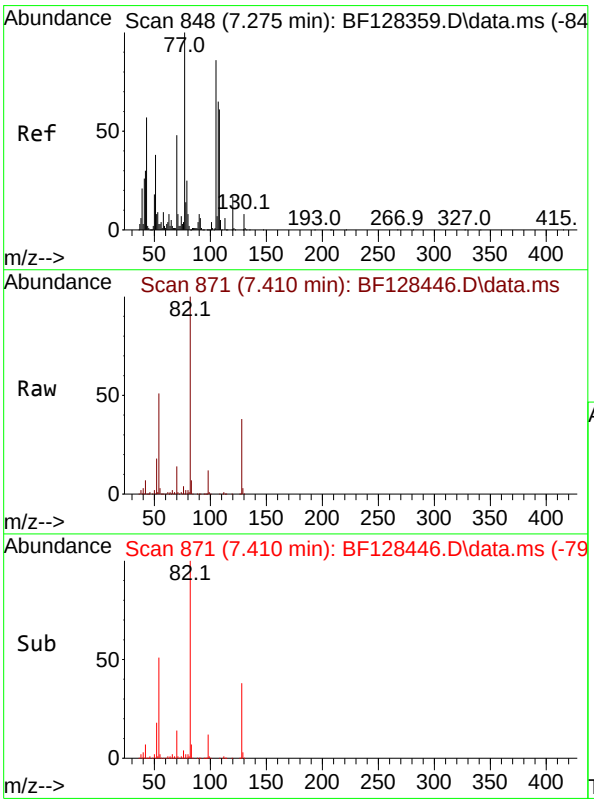
#7
Phenol-d6
Concen: 83.303 ng
RT: 6.486 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Tgt Ion: 99 Resp: 537889

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.6	24.8
71	37.8	30.0	45.0

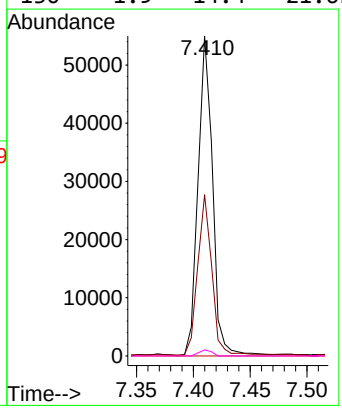


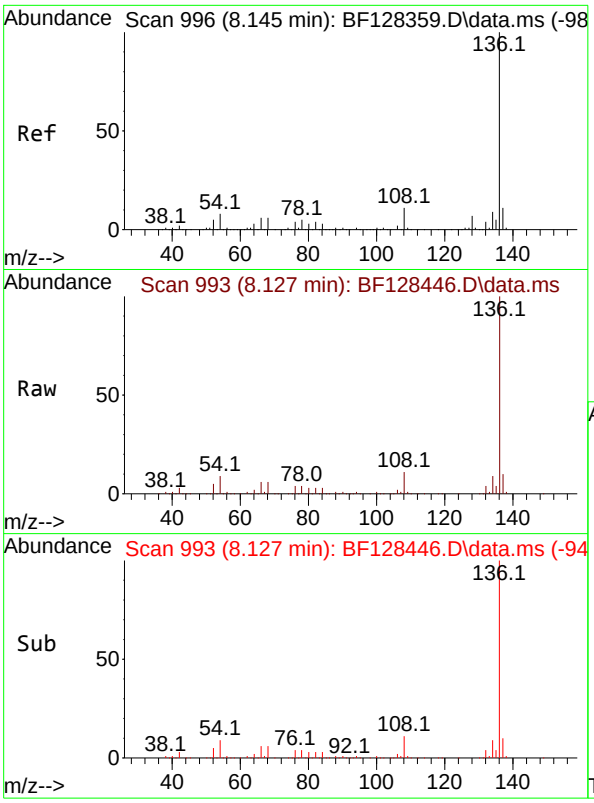


#19
n-Nitroso-di-n-propylamine
Concen: 12.688 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.147 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Tgt Ion: 70 Resp: 49000

Ion	Ratio	Lower	Upper
70	100		
42	50.4	48.7	73.1
101	0.0	7.2	10.8#
130	1.9	14.4	21.6#



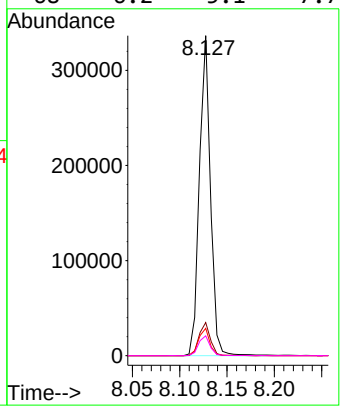


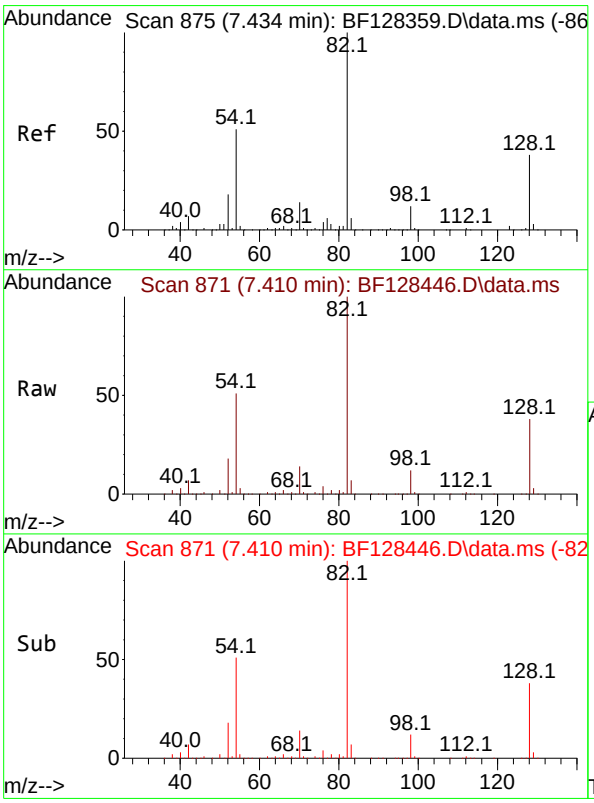
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.127 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Tgt Ion:136 Resp: 274001

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	8.5	6.8	10.2
68	6.2	5.1	7.7

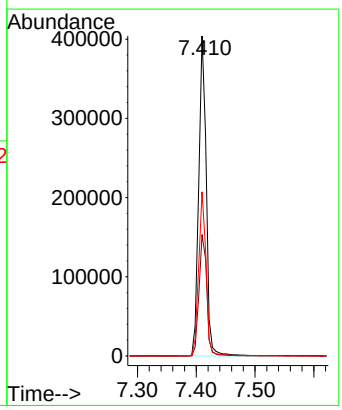


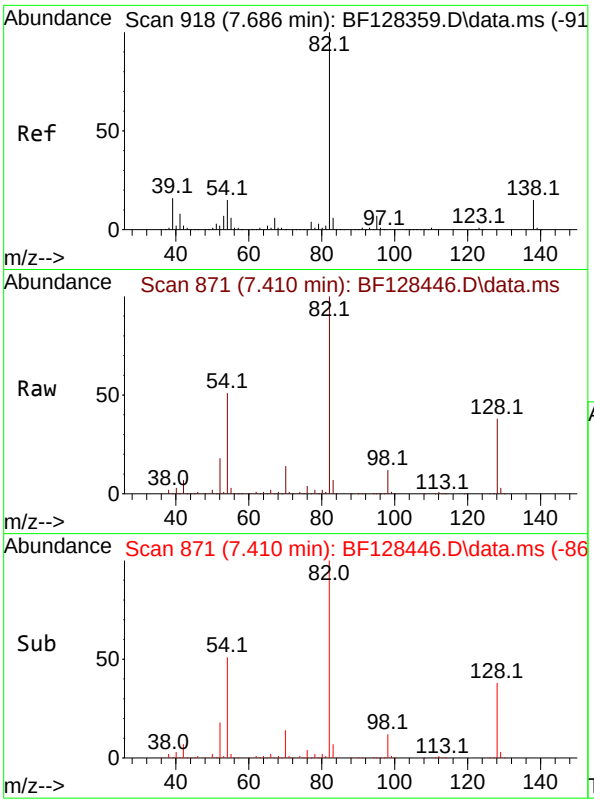


#23
Nitrobenzene-d5
Concen: 58.832 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Tgt Ion: 82 Resp: 359781

Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.0	45.0
54	51.3	41.3	61.9



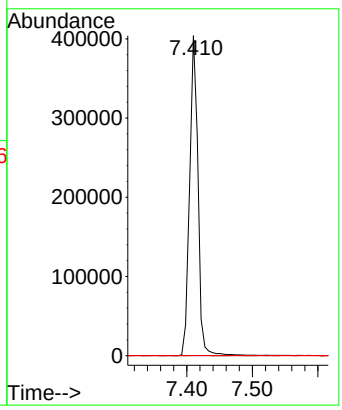


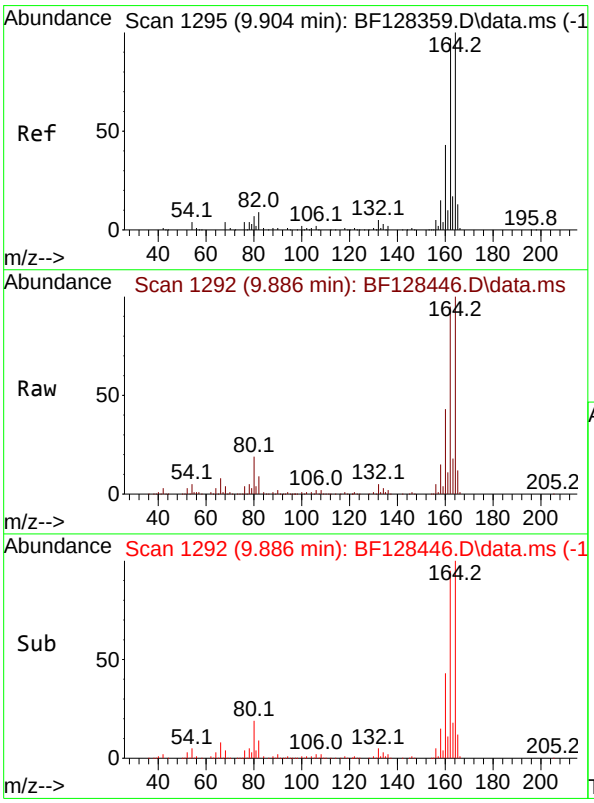
#25
Isophorone
Concen: 38.382 ng
RT: 7.410 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Tgt Ion: 82 Resp: 359705

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	12.5	18.7#

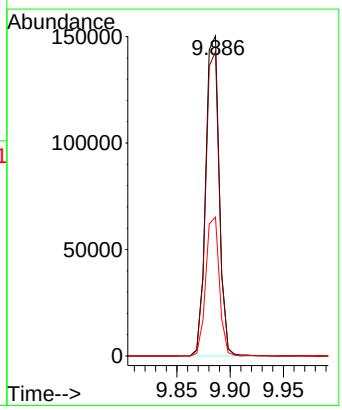


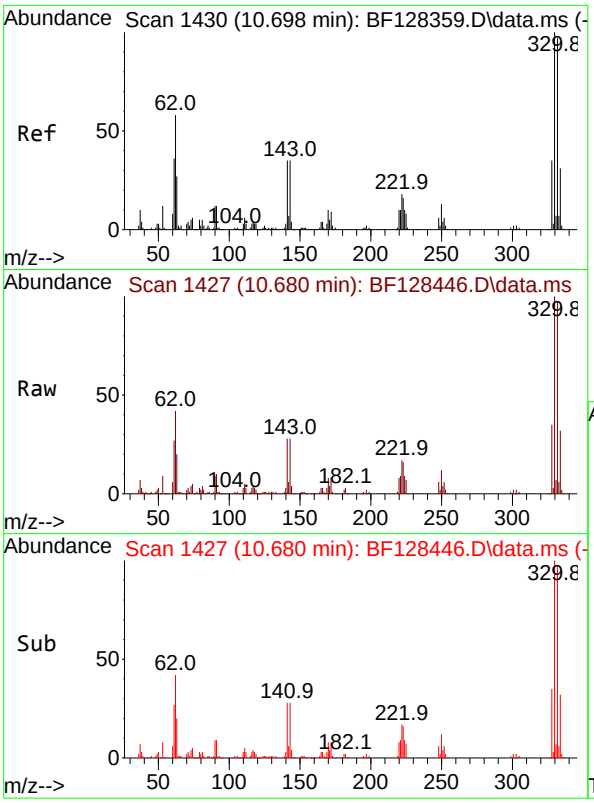


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Tgt Ion:164 Resp: 133976

Ion	Ratio	Lower	Upper
164	100		
162	95.1	76.0	114.0
160	43.4	34.8	52.2



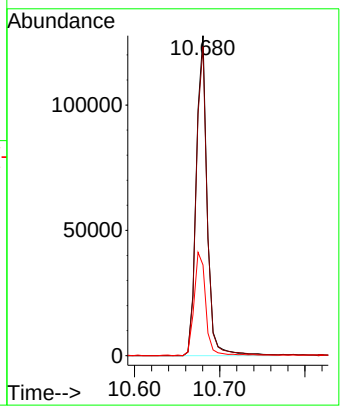


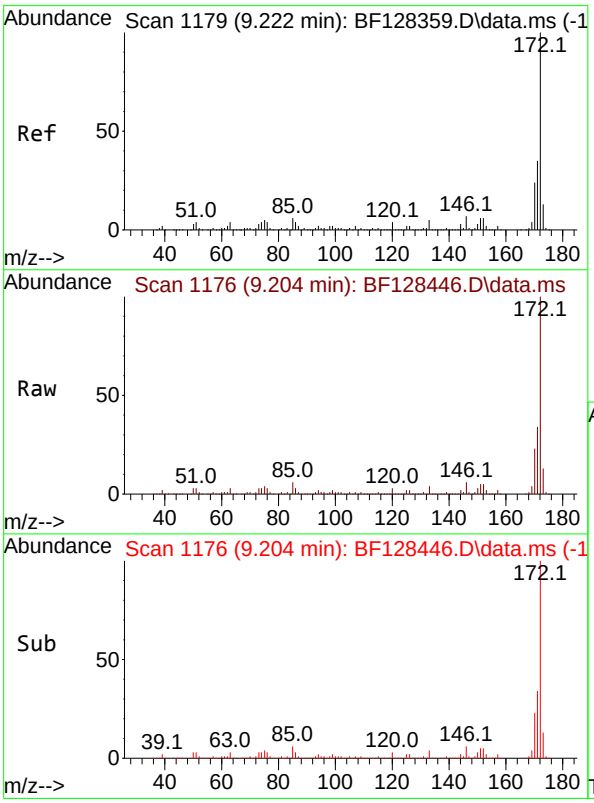
#42
2,4,6-Tribromophenol
Concen: 82.482 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Tgt Ion:330 Resp: 113964

Ion	Ratio	Lower	Upper
330	100		
332	97.5	79.0	118.4
141	34.9	28.9	43.3

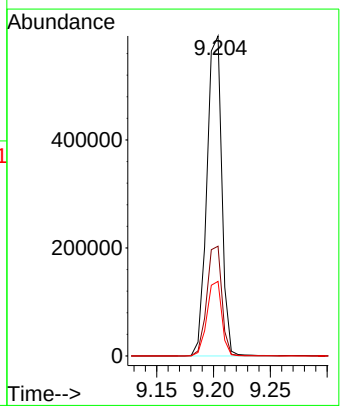


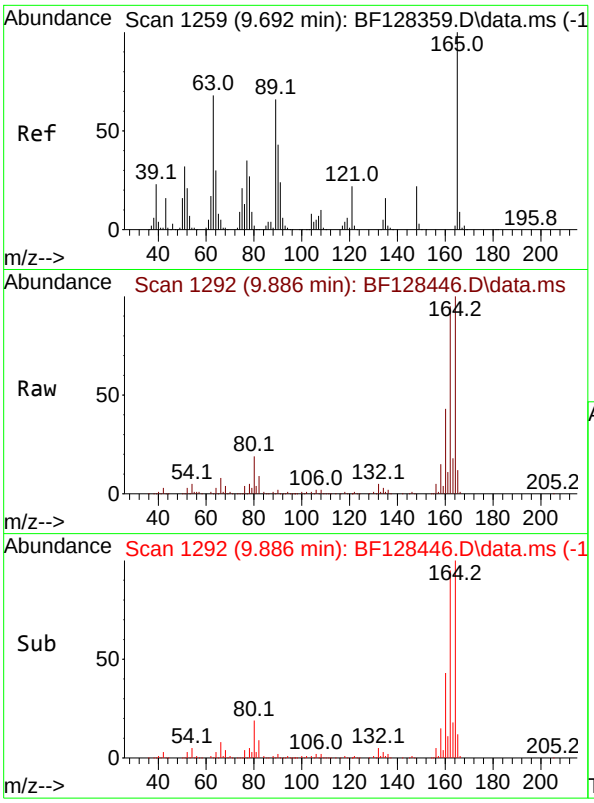


#45
2-Fluorobiphenyl
Concen: 65.924 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Tgt Ion:172 Resp: 540087

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.6	42.8
170	23.3	19.1	28.7



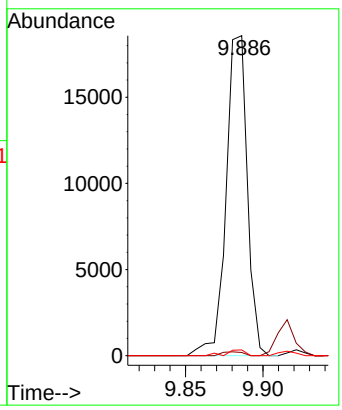


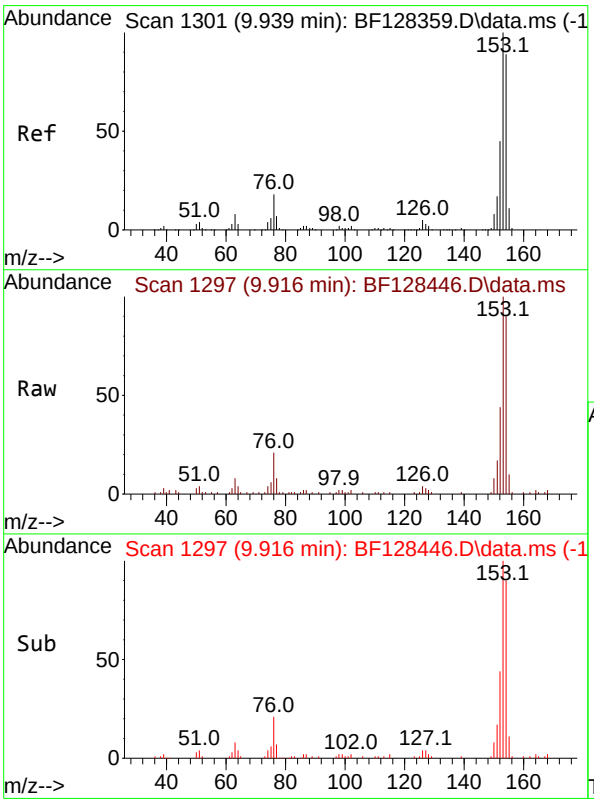
#51
2,6-Dinitrotoluene
Concen: 9.458 ng
RT: 9.886 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Tgt Ion:165 Resp: 17654

Ion	Ratio	Lower	Upper
165	100		
63	1.0	49.5	74.3#
89	1.8	49.0	73.4#

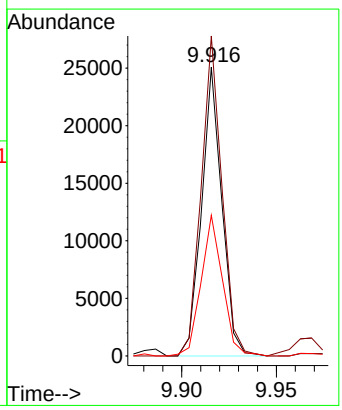


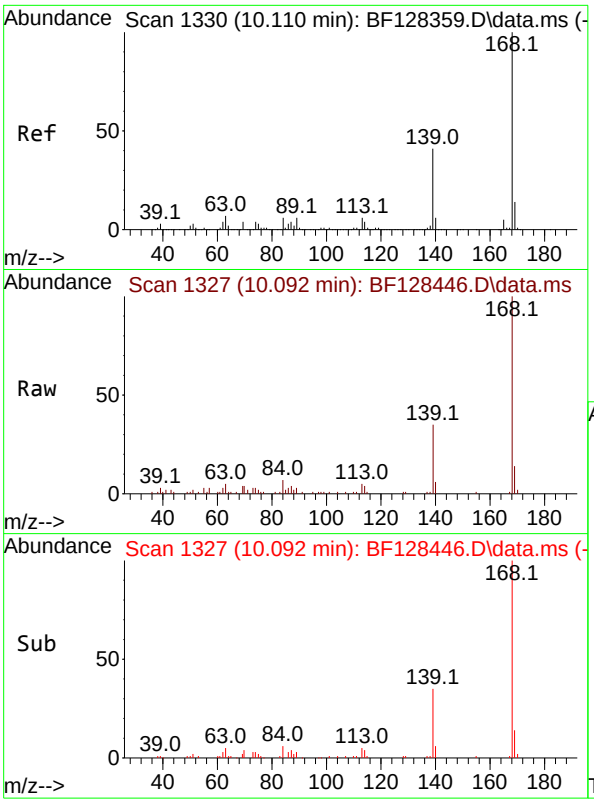


#52
Acenaphthene
Concen: 2.772 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Tgt Ion:154 Resp: 18706

Ion	Ratio	Lower	Upper
154	100		
153	110.8	90.5	135.7
152	48.7	41.0	61.6



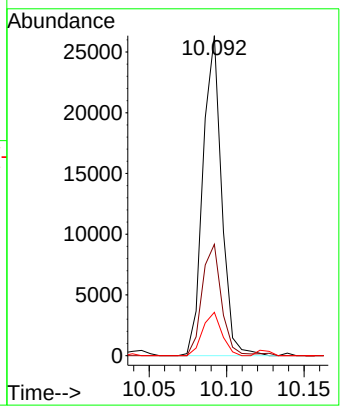


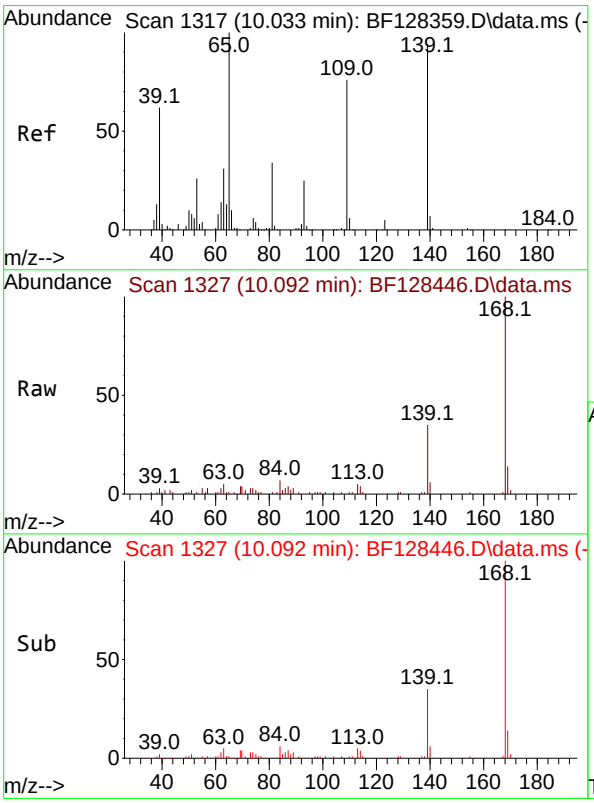
#55
Dibenzofuran
Concen: 2.155 ng
RT: 10.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Tgt Ion:168 Resp: 22050

Ion	Ratio	Lower	Upper
168	100		
139	34.8	31.7	47.5
169	13.6	10.9	16.3

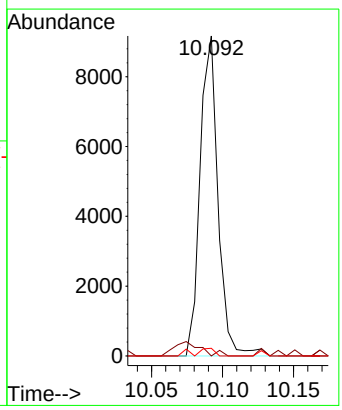


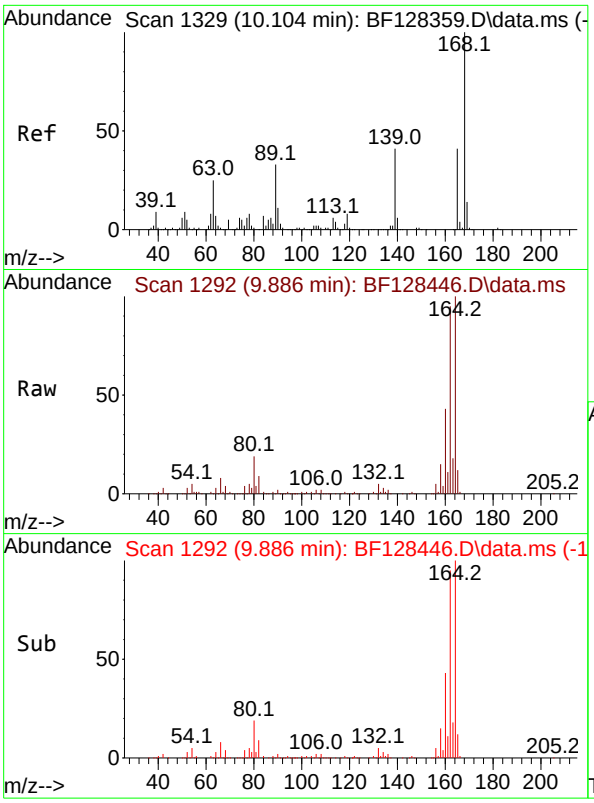


#56
4-Nitrophenol
Concen: 6.688 ng
RT: 10.092 min Scan# 1327
Delta R.T. 0.064 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Tgt Ion:139 Resp: 8082

Ion	Ratio	Lower	Upper
139	100		
109	0.0	61.9	101.9#
65	2.4	93.5	133.5#



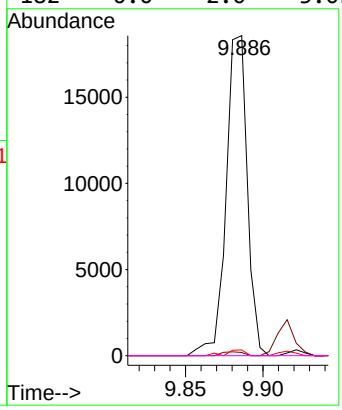


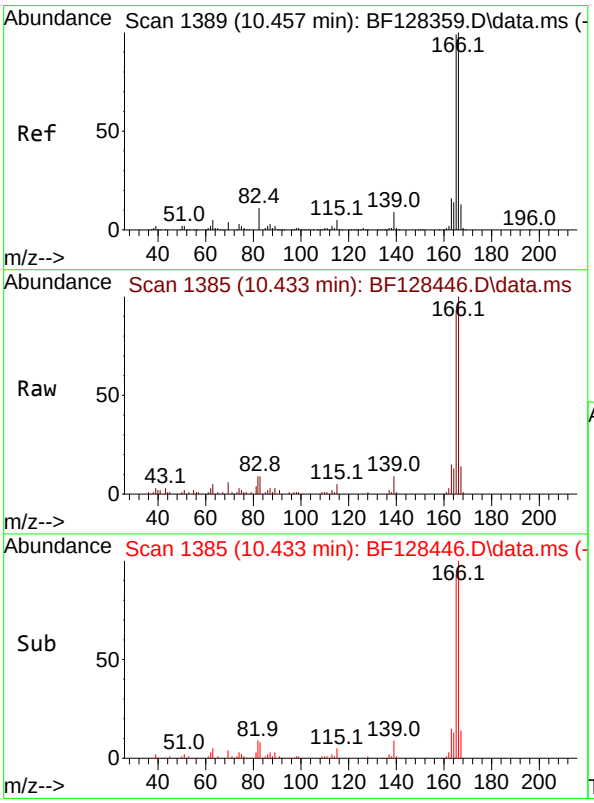
#57
2,4-Dinitrotoluene
Concen: 7.507 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.206 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Tgt Ion:165 Resp: 17654

Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.6	49.0#
89	1.8	55.2	82.8#
182	0.0	2.0	3.0#

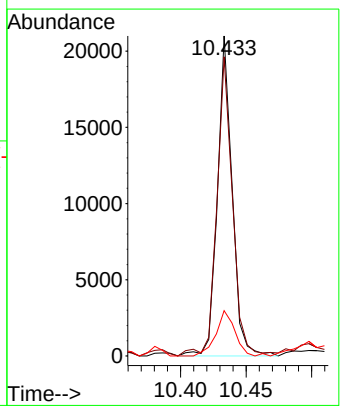


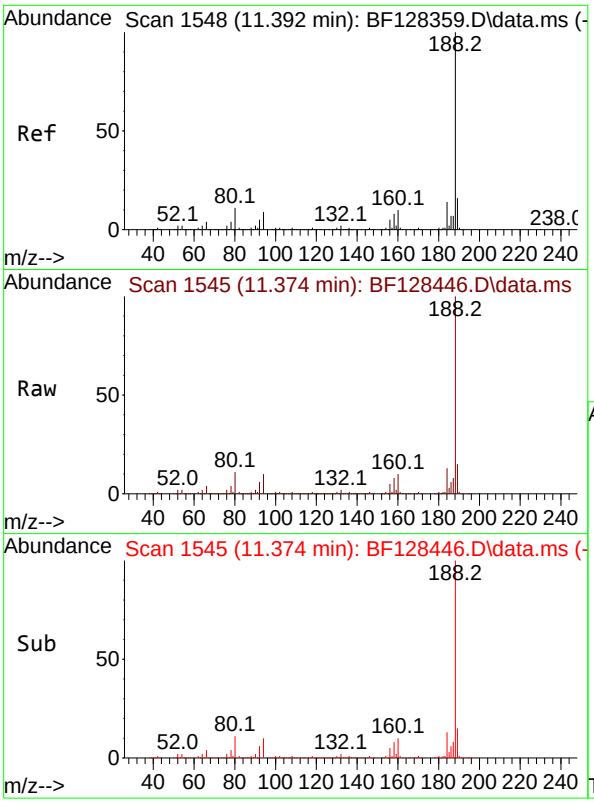


#58
Fluorene
Concen: 2.053 ng
RT: 10.433 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Tgt Ion:166 Resp: 16458

Ion	Ratio	Lower	Upper
166	100		
165	93.5	78.6	117.8
167	14.1	10.5	15.7



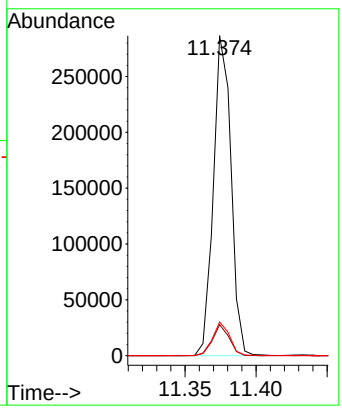


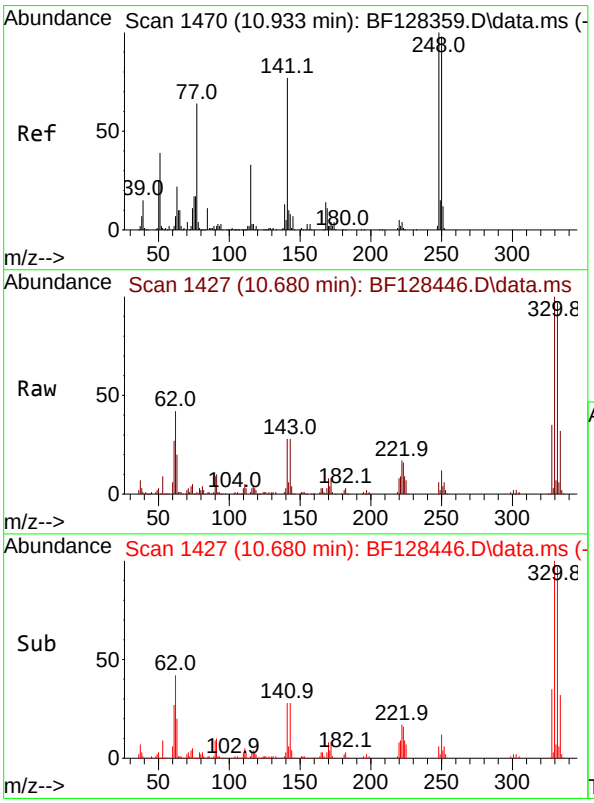
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Tgt Ion:188 Resp: 247805

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.0	12.0
80	10.6	8.9	13.3

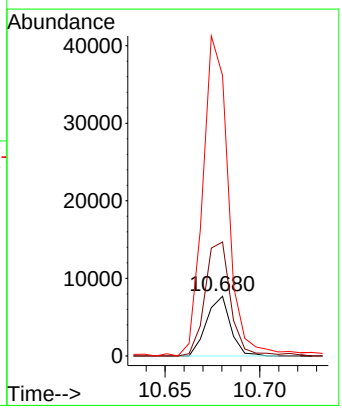


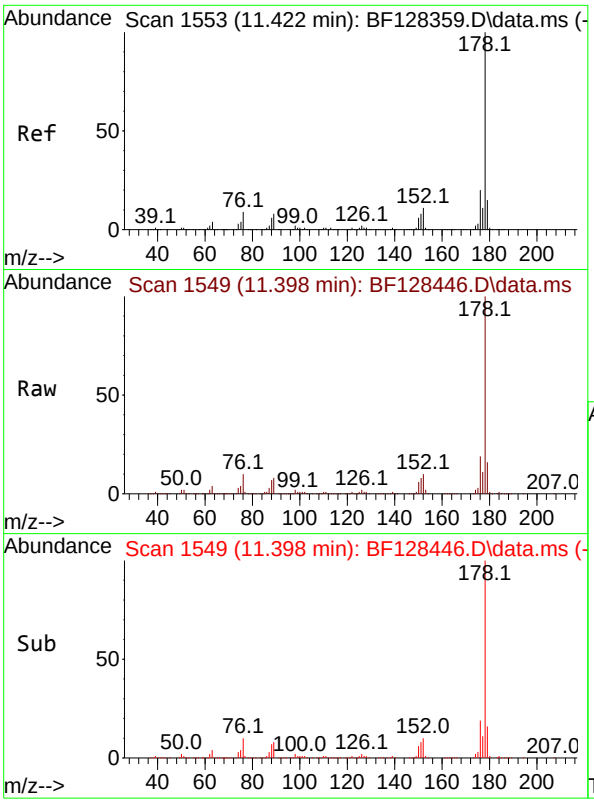


#67
4-Bromophenyl-phenylether
Concen: 2.612 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.235 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Tgt Ion:248 Resp: 6775

Ion	Ratio	Lower	Upper
248	100		
250	191.0	77.7	116.5#
141	470.7	65.6	98.4#



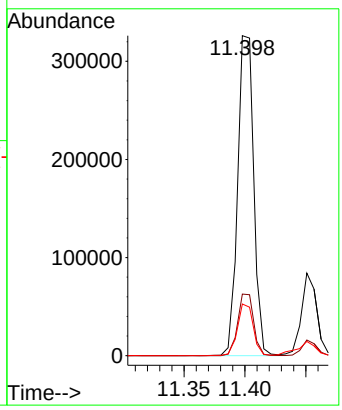


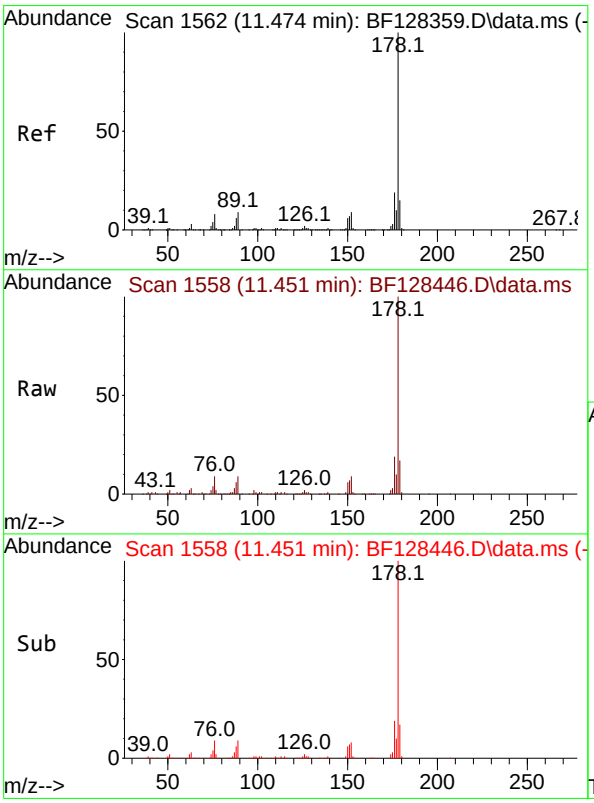
#71
Phenanthrene
Concen: 24.731 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Tgt Ion:178 Resp: 299089

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	16.2	12.6	19.0

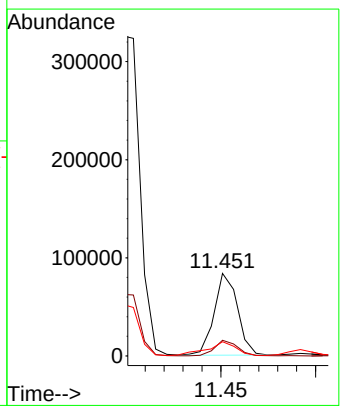


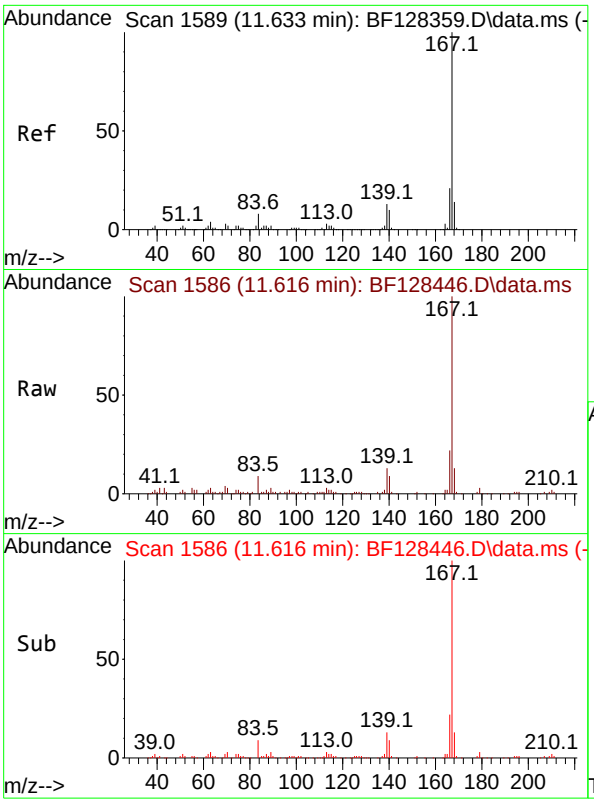


#72
Anthracene
Concen: 5.954 ng
RT: 11.451 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Tgt Ion:178 Resp: 71565

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	17.3	12.4	18.6



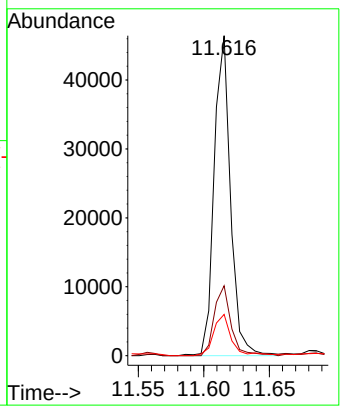


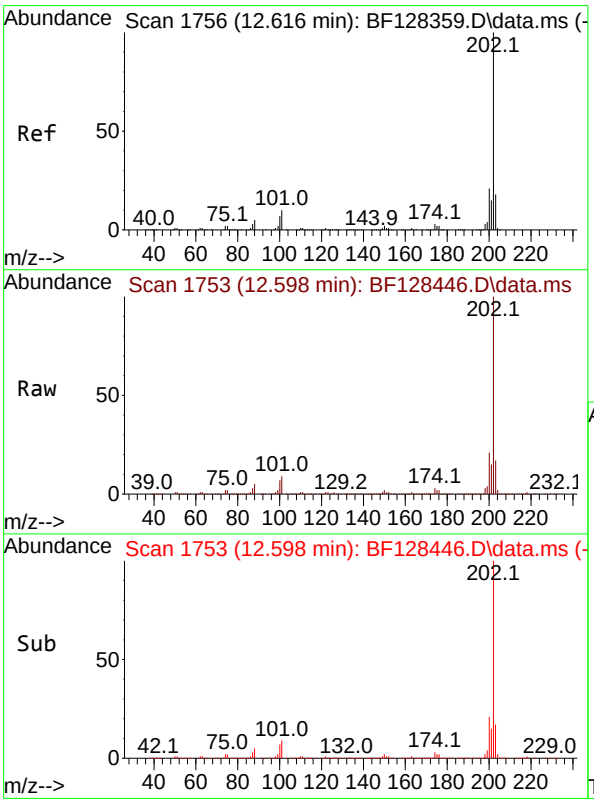
#73
Carbazole
Concen: 3.354 ng
RT: 11.616 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Tgt Ion:167 Resp: 40207

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	12.9	10.7	16.1

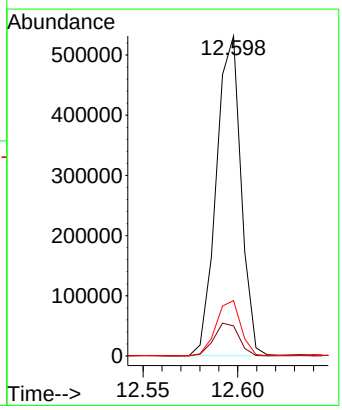


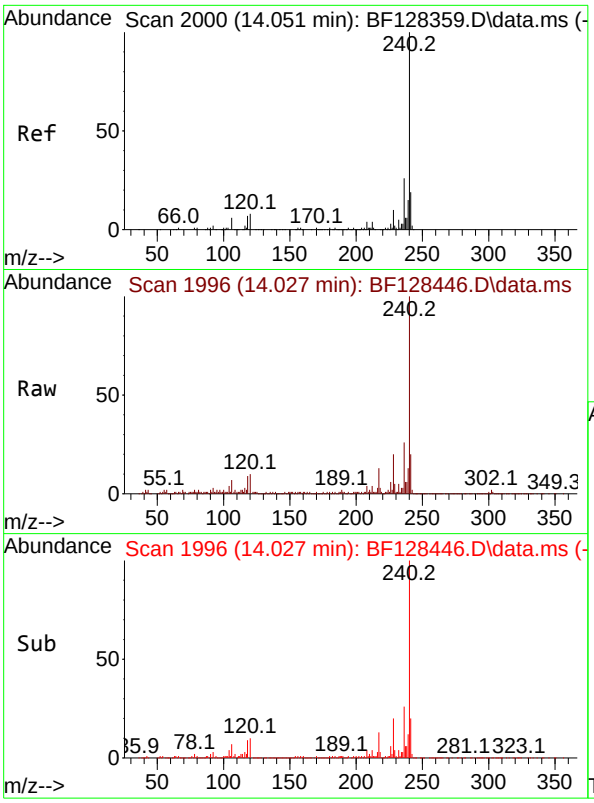


#75
Fluoranthene
Concen: 36.896 ng
RT: 12.598 min Scan# 1753
Delta R.T. -0.000 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Tgt Ion:202 Resp: 483214

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	31.6
203	17.3	0.0	38.1



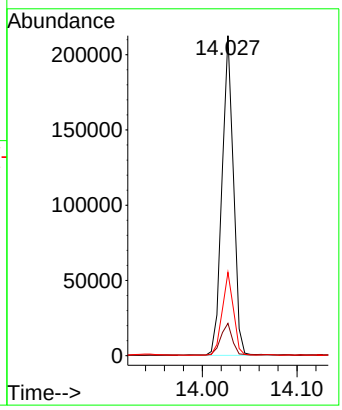


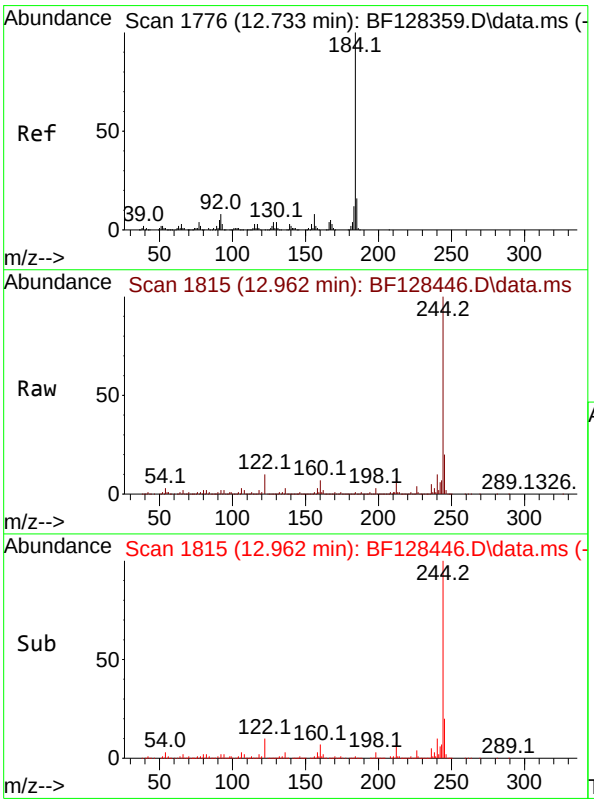
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Tgt Ion:240 Resp: 179144

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.0	10.6
236	26.0	20.3	30.5

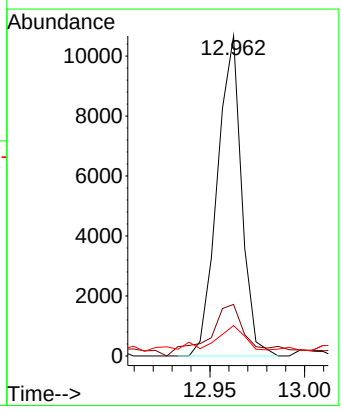


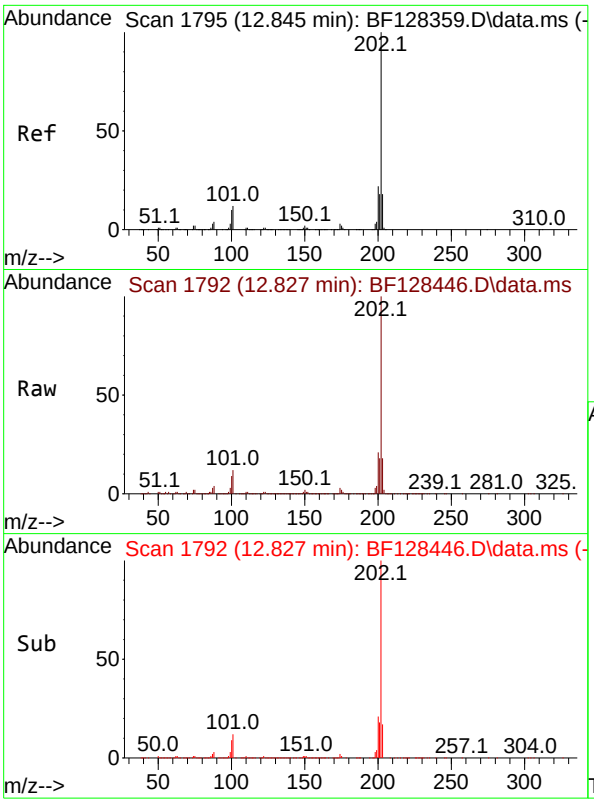


#77
Benzidine
Concen: 2.554 ng
RT: 12.962 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Tgt Ion:184 Resp: 9517

Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.1	18.1
183	9.5	9.0	13.4



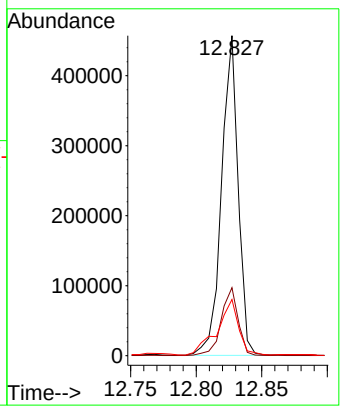


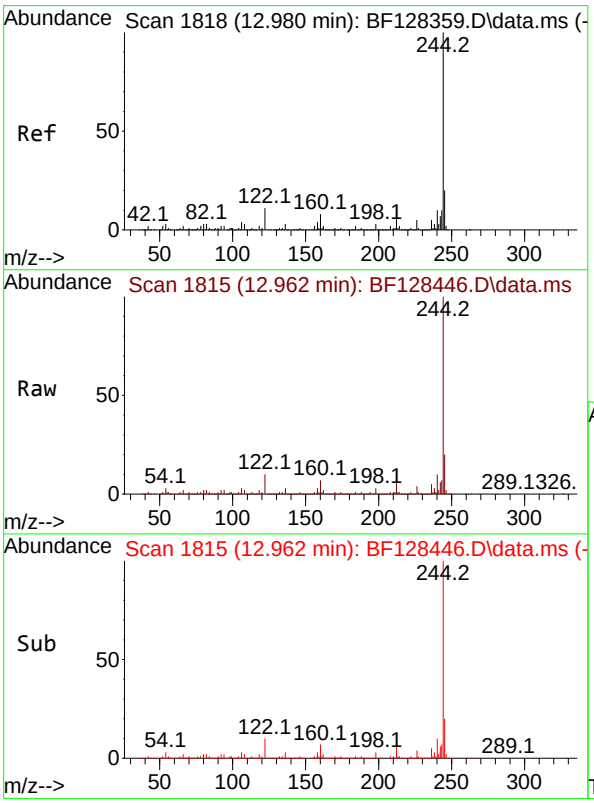
#78
Pyrene
Concen: 29.914 ng
RT: 12.827 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Tgt Ion:202 Resp: 401243

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.5	14.0	21.0

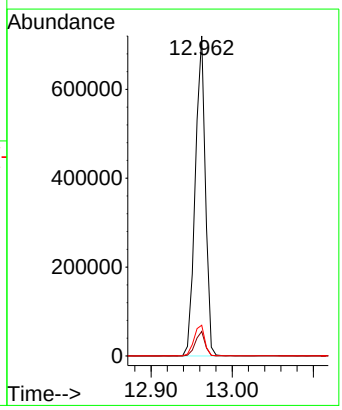


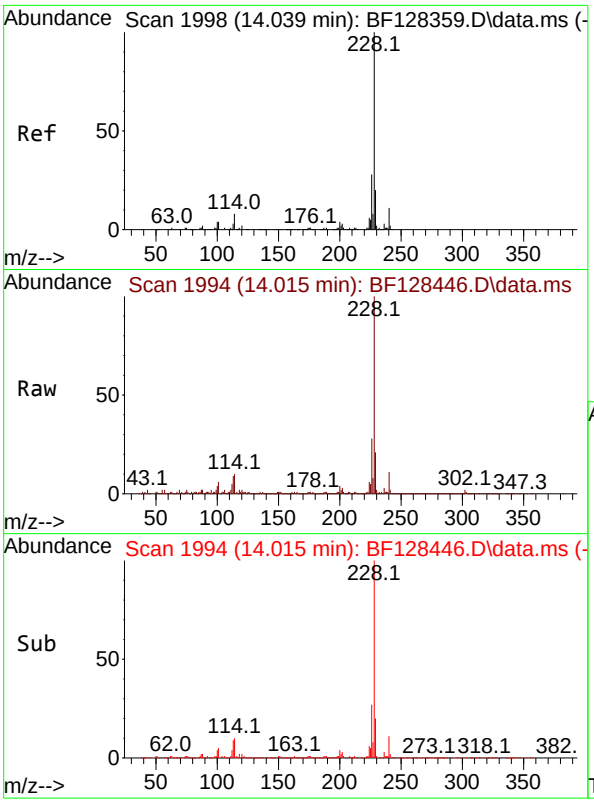


#79
Terphenyl-d14
Concen: 67.577 ng
RT: 12.962 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Tgt Ion:244 Resp: 627123

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.4
122	9.6	8.6	12.8



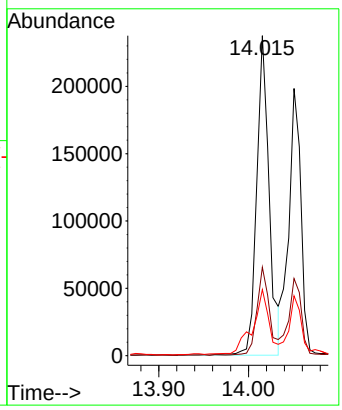


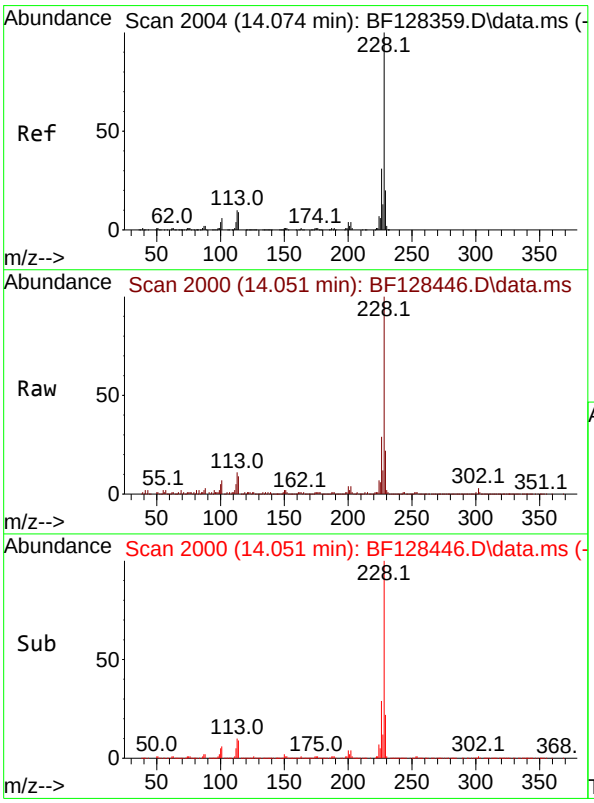
#81
Benzo(a)anthracene
Concen: 20.080 ng
RT: 14.015 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Tgt Ion:228 Resp: 228870

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.7	32.5
229	20.7	15.4	23.2

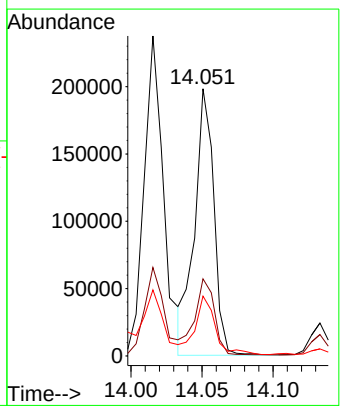


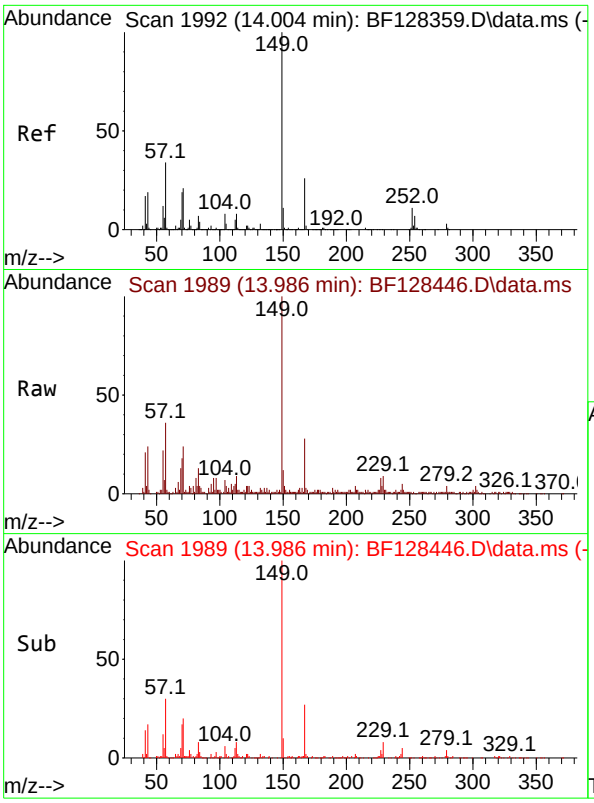


#83
Chrysene
Concen: 17.214 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Tgt Ion:228 Resp: 186863

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.4	36.6
229	22.4	15.8	23.8



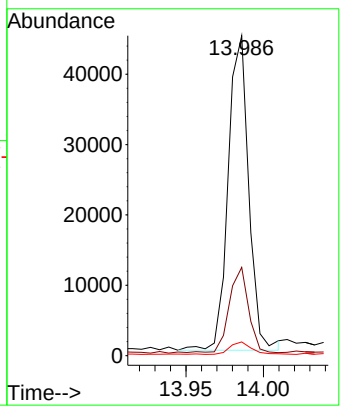


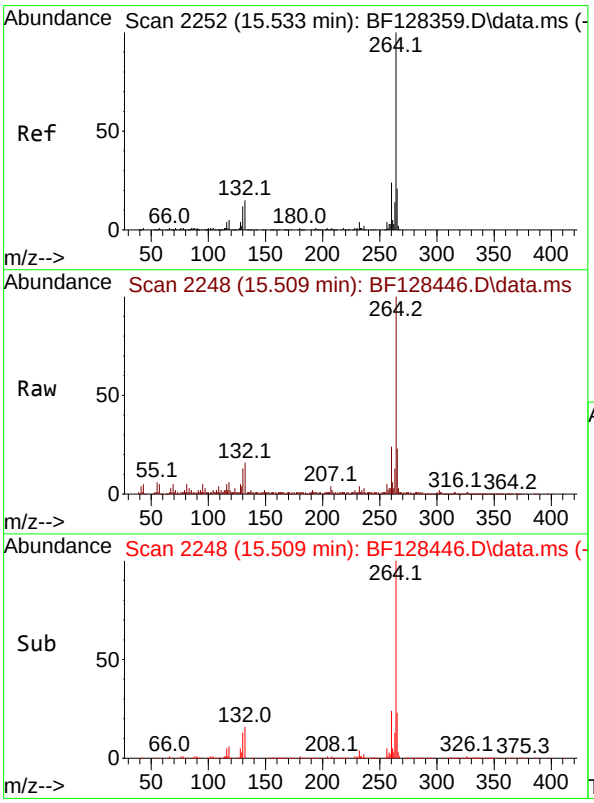
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.809 ng
RT: 13.986 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Tgt Ion:149 Resp: 41317

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.0	33.0
279	4.3	3.4	5.0

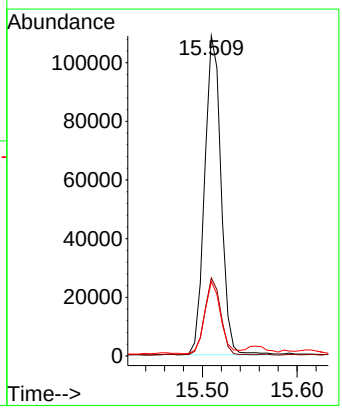


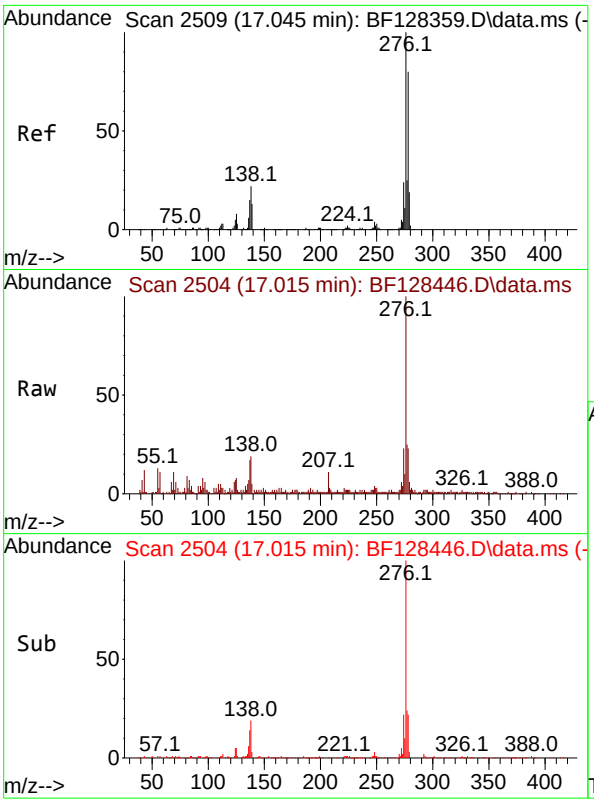


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2248
Delta R.T. -0.000 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Tgt Ion:264 Resp: 130989

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.1	30.1
265	23.2	17.5	26.3



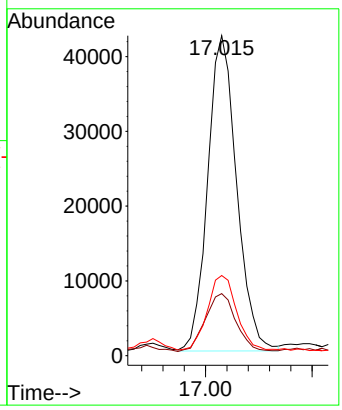


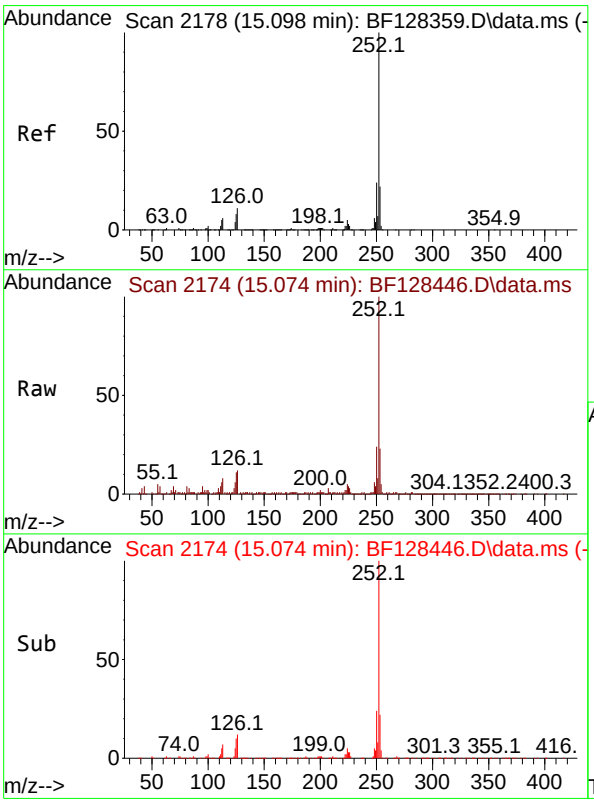
#87
Indeno(1,2,3-cd)pyrene
Concen: 10.665 ng
RT: 17.015 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Tgt Ion:276 Resp: 79737

Ion	Ratio	Lower	Upper
276	100		
138	19.4	19.0	28.4
277	23.6	20.1	30.1

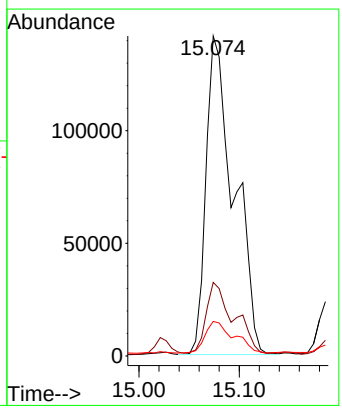


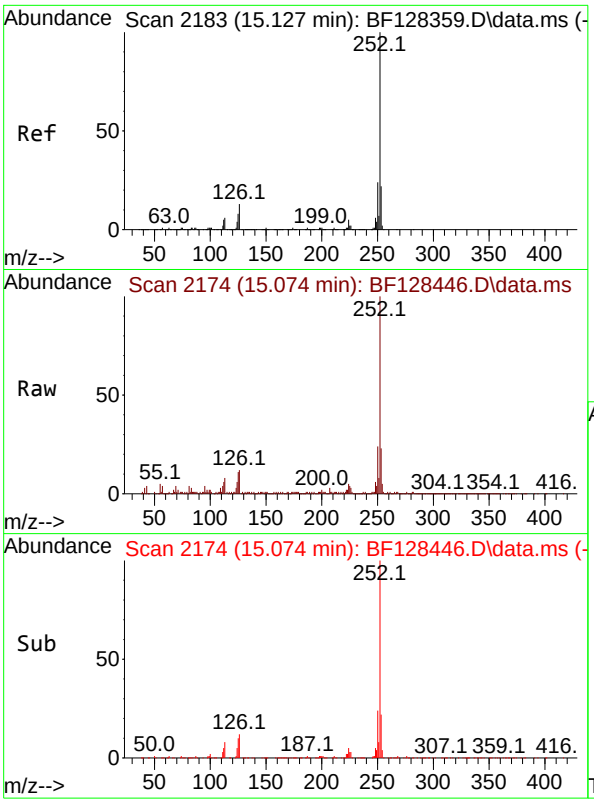


#88
Benzo(b)fluoranthene
Concen: 33.681 ng
RT: 15.074 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Tgt Ion:252 Resp: 274447

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	10.8	7.4	11.2



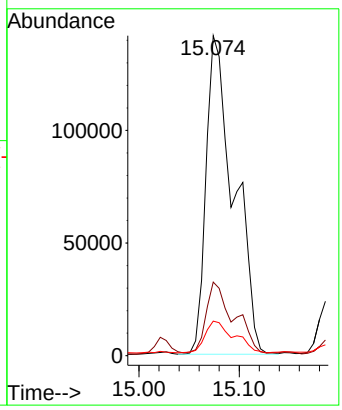


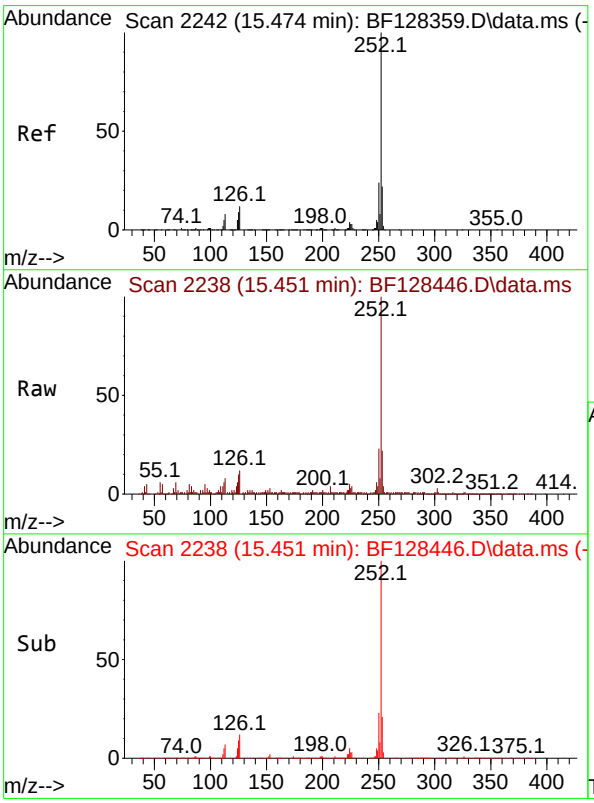
#89
Benzo(k)fluoranthene
Concen: 35.961 ng
RT: 15.074 min Scan# 21
Delta R.T. -0.030 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Tgt Ion:252 Resp: 274447

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.4
125	10.8	6.8	10.2#

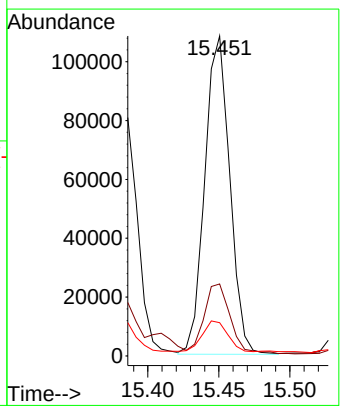


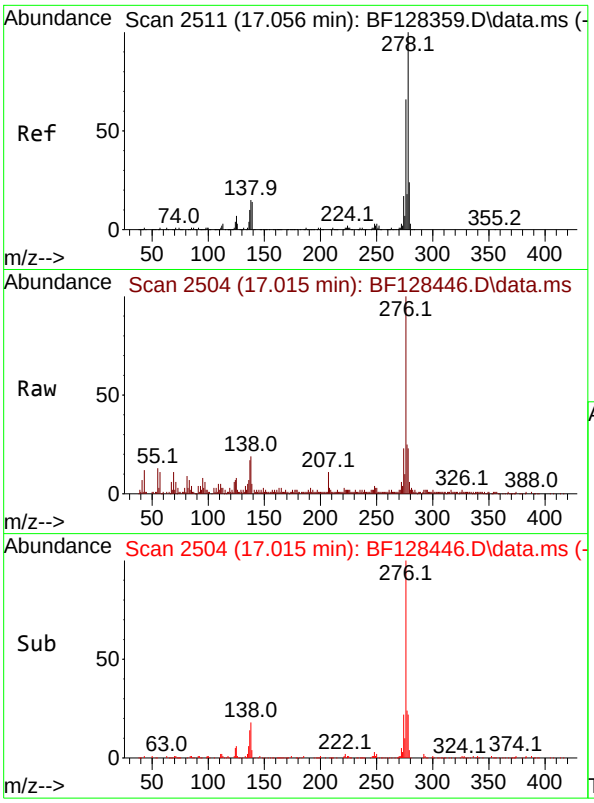


#90
Benzo(a)pyrene
Concen: 20.307 ng
RT: 15.451 min Scan# 2238
Delta R.T. -0.000 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Tgt Ion:252 Resp: 132834

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	10.4	9.2	13.8



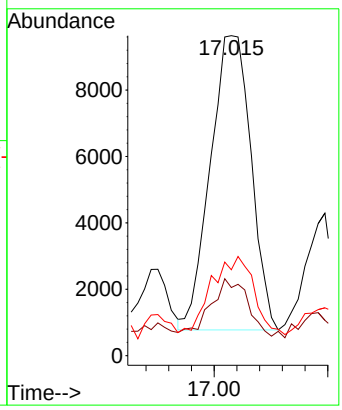


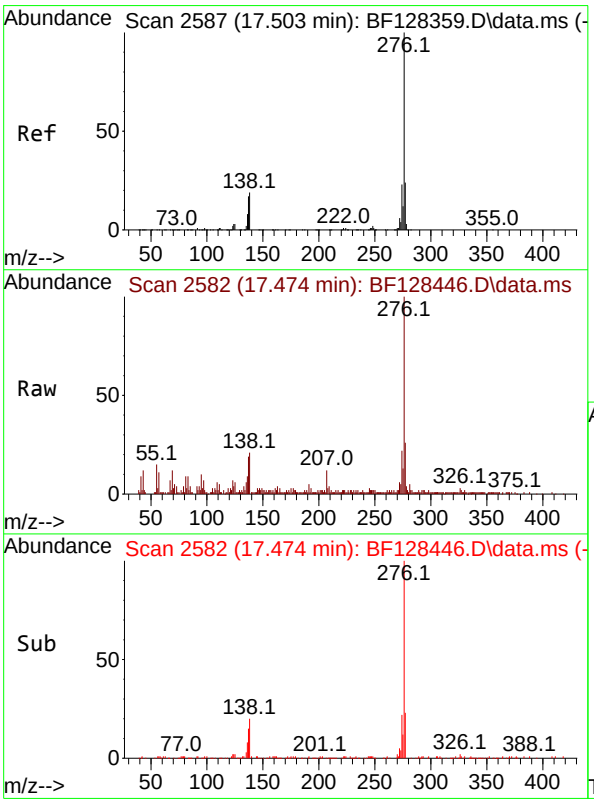
#91
Dibenzo(a,h)anthracene
Concen: 3.676 ng
RT: 17.015 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Tgt Ion:278 Resp: 22050

Ion	Ratio	Lower	Upper
278	100		
139	21.3	12.6	19.0#
279	26.8	18.9	28.3





#92
Benzo(g,h,i)perylene
Concen: 11.612 ng
RT: 17.474 min Scan# 2582
Delta R.T. -0.000 min
Lab File: BF128446.D
Acq: 24 May 2022 20:41

Tgt Ion:276 Resp: 72672

Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.8	28.2
138	21.2	16.2	24.2