Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128445.D
Acq On : 24 May 2022 20:11
Operator : CG\JU
Sample : N2981-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15(4.5-5)

Quant Time: May 25 03:56:20 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	6.846	152	85249	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	297790	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	137061	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	228274	20.000	ng	0.00
76) Chrysene-d12	14.027	240	167113	20.000	ng	0.00
86) Perylene-d12	15.510	264	123052	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	430648	80.391	ng	0.00
7) Phenol-d6	6.481	99	532420	75.478	ng	-0.01
23) Nitrobenzene-d5	7.410	82	354222	53.296	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	92669	65.560	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	514979	61.444	ng	0.00
79) Terphenyl-d14	12.963	244	510440	58.964	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.428	77	1482	Below Cal	#	72
19) n-Nitroso-di-n-propyla...	7.410	70	47598	11.282	ng	# 79
25) Isophorone	7.410	82	354220	34.778	ng	# 68
51) 2,6-Dinitrotoluene	9.881	165	18049	9.452	ng	# 22
52) Acenaphthene	9.916	154	35540	5.149	ng	95
55) Dibenzofuran	10.092	168	24291	2.321	ng	96
57) 2,4-Dinitrotoluene	9.881	165	18049	7.502	ng	# 26
58) Fluorene	10.434	166	27725	3.380	ng	98
67) 4-Bromophenyl-phenylether	10.675	248	5627	2.355	ng	# 1
71) Phenanthrene	11.404	178	435731	39.113	ng	99
72) Anthracene	11.451	178	108319	9.783	ng	99
73) Carbazole	11.616	167	54158	4.905	ng	97
75) Fluoranthene	12.598	202	697261	57.794	ng	98
78) Pyrene	12.828	202	594453	47.509	ng	99
80) Butylbenzylphthalate	13.433	149	64426	12.839	ng	92
81) Benzo(a)anthracene	14.016	228	320651	30.158	ng	98
83) Chrysene	14.051	228	257208	25.400	ng	98
84) Bis(2-ethylhexyl)phtha...	13.998	149	65255	9.834	ng	# 58
85) Di-n-octyl phthalate	14.604	149	70451	6.607	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.015	276	116917	16.647	ng	95
88) Benzo(b)fluoranthene	15.074	252	386544	50.498	ng	99
89) Benzo(k)fluoranthene	15.074	252	386544	53.916	ng	97
90) Benzo(a)pyrene	15.386	252	127651	20.774	ng	98
91) Dibenzo(a,h)anthracene	17.192	278	24079	4.273	ng	93
92) Benzo(g,h,i)perylene	17.474	276	107019	18.203	ng	96

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

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Instrument :
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SB-15(4.5-5)

Quant Time: May 25 03:56:20 2022
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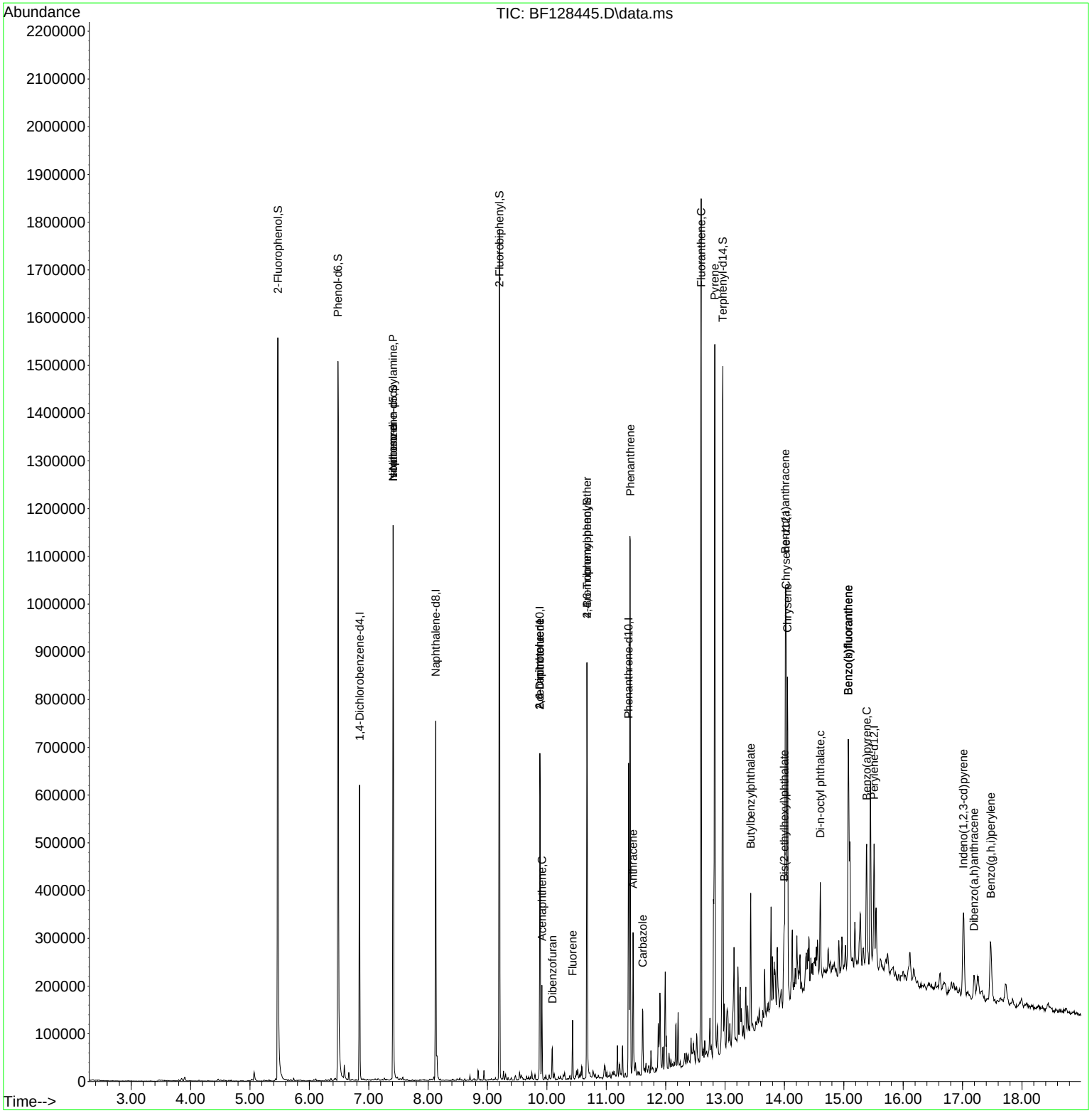
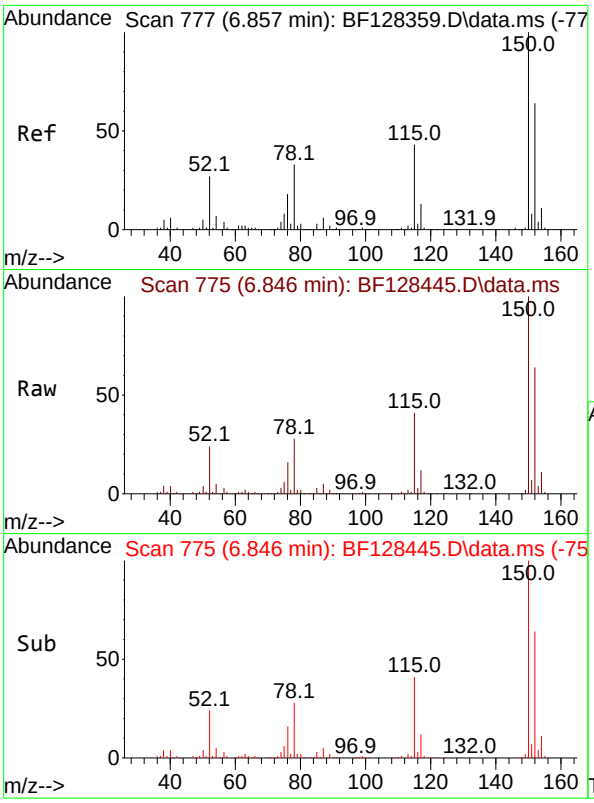


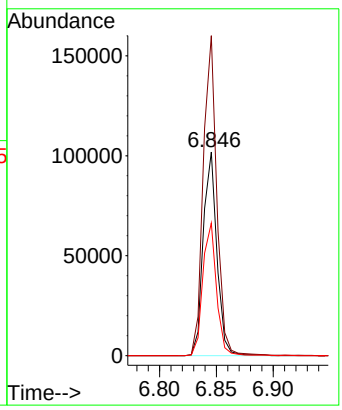


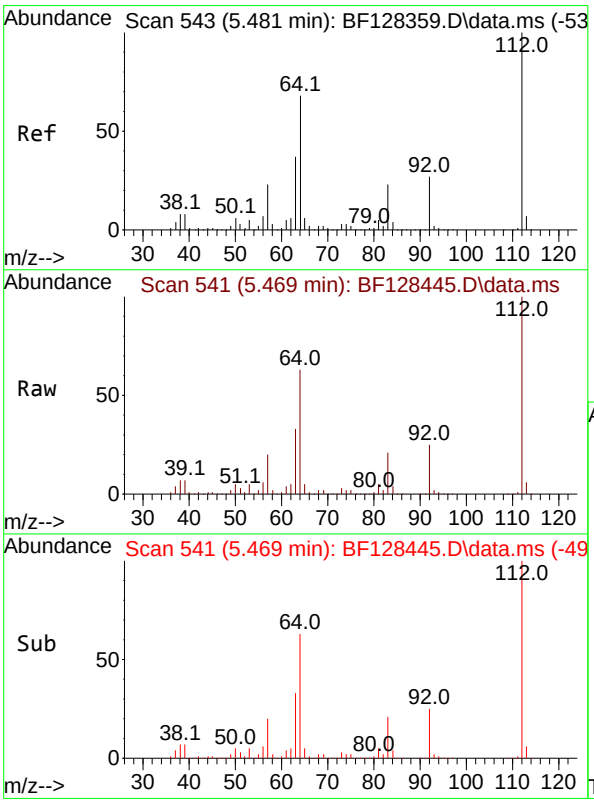
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 7
Delta R.T. 0.001 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Instrument :
BNA_F
ClientSampleId :
SB-15(4.5-5)

Tgt Ion:152 Resp: 85249

Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.3	187.9
115	65.1	48.8	73.2

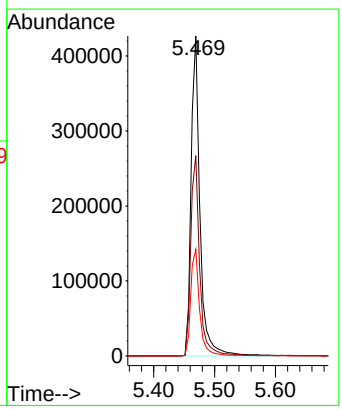


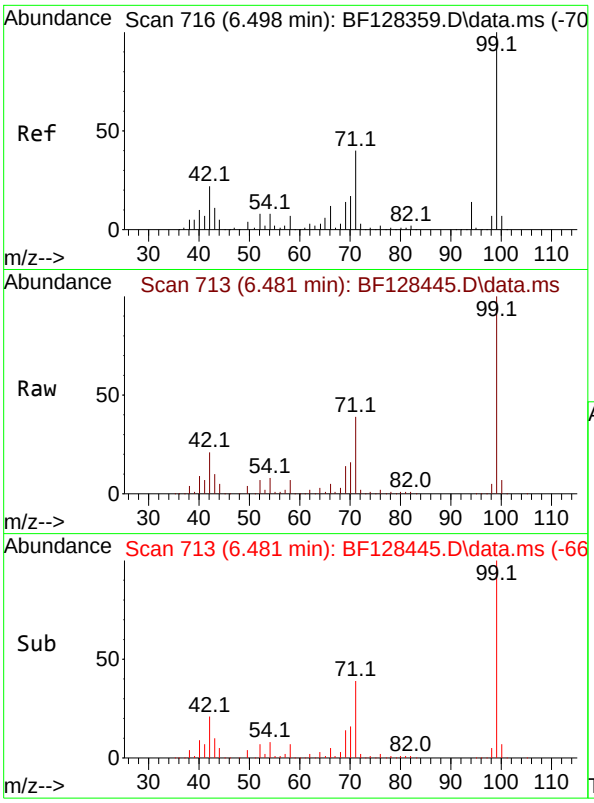


#5
2-Fluorophenol
Concen: 80.391 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.000 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Tgt Ion:112 Resp: 430648

Ion	Ratio	Lower	Upper
112	100		
64	62.6	49.5	74.3
63	33.3	26.3	39.5



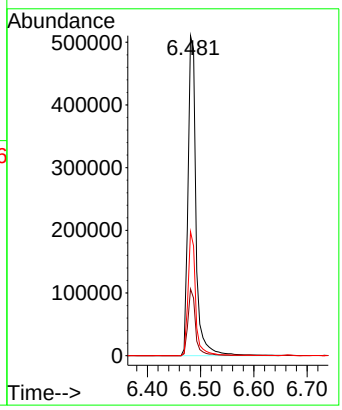


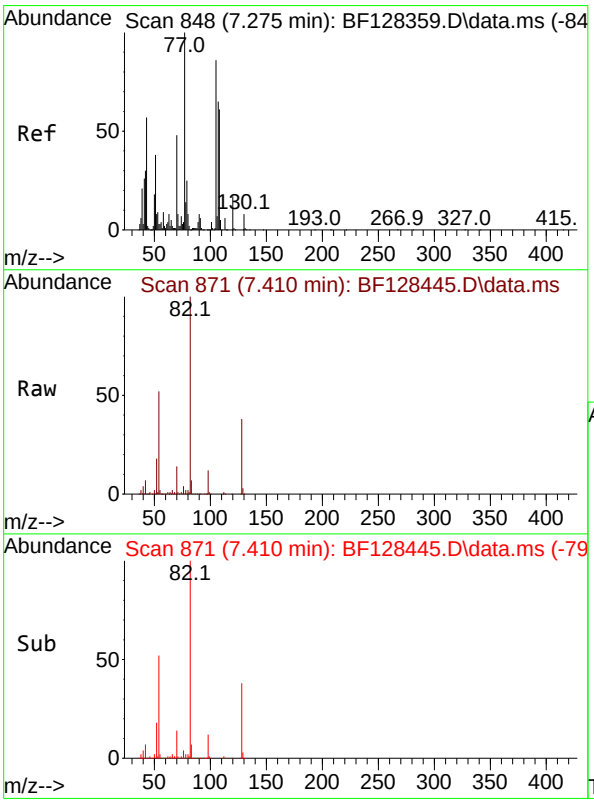
#7
Phenol-d6
Concen: 75.478 ng
RT: 6.481 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Instrument :
BNA_F
ClientSampleId :
SB-15(4.5-5)

Tgt Ion: 99 Resp: 532420

Ion	Ratio	Lower	Upper
99	100		
42	20.9	16.6	24.8
71	38.8	30.0	45.0

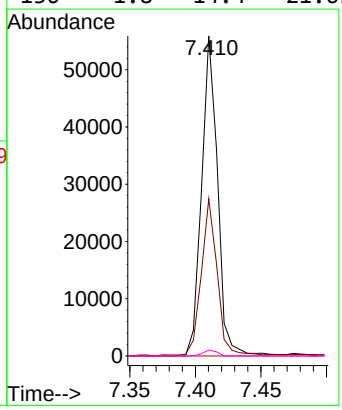


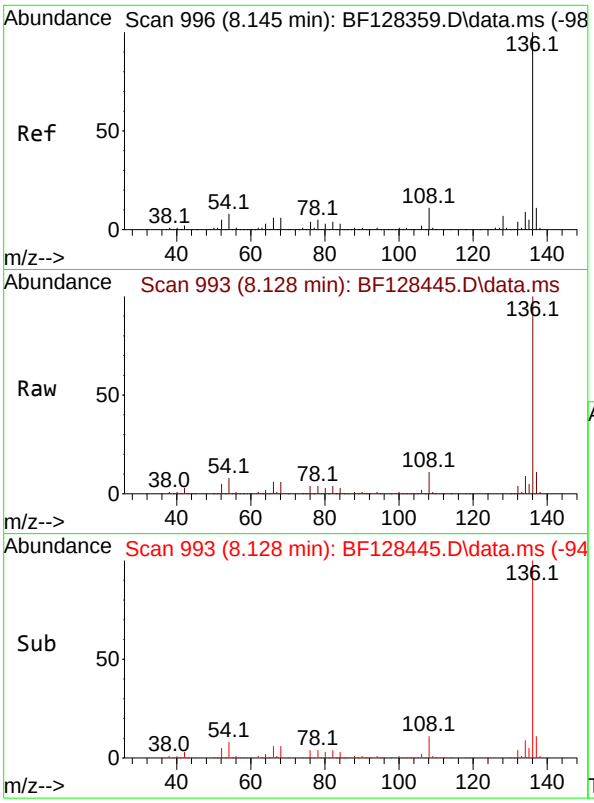


#19
n-Nitroso-di-n-propylamine
Concen: 11.282 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.147 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Tgt Ion: 70 Resp: 47598

Ion	Ratio	Lower	Upper
70	100		
42	49.1	48.7	73.1
101	0.0	7.2	10.8#
130	1.8	14.4	21.6#



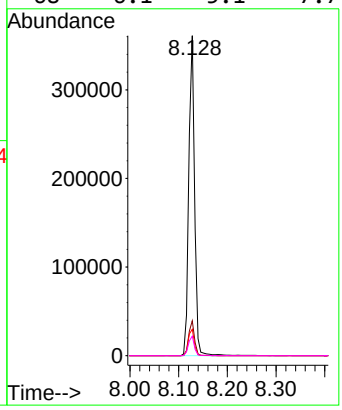


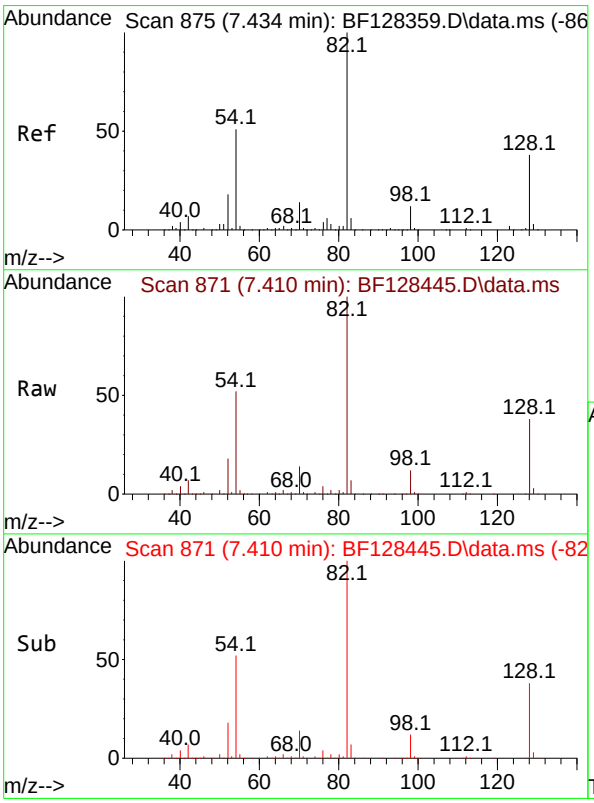
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Instrument :
BNA_F
ClientSampleId :
SB-15(4.5-5)

Tgt Ion:136 Resp: 297790

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.2	6.8	10.2
68	6.1	5.1	7.7

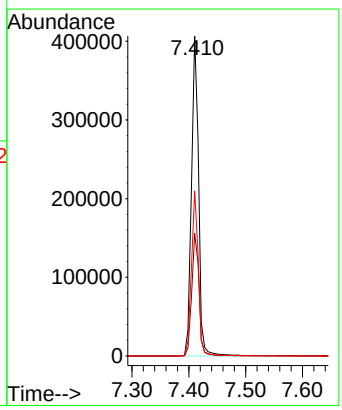


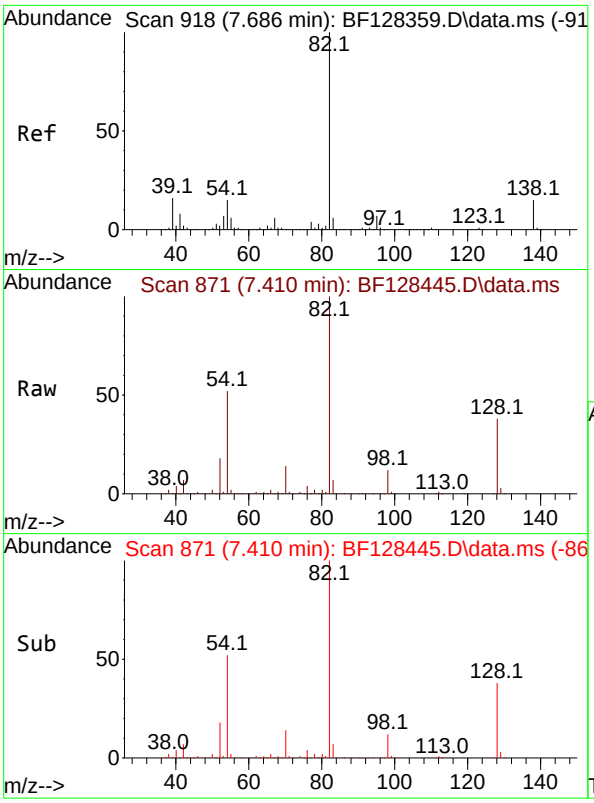


#23
Nitrobenzene-d5
Concen: 53.296 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Tgt Ion: 82 Resp: 354222

Ion	Ratio	Lower	Upper
82	100		
128	38.3	30.0	45.0
54	51.6	41.3	61.9



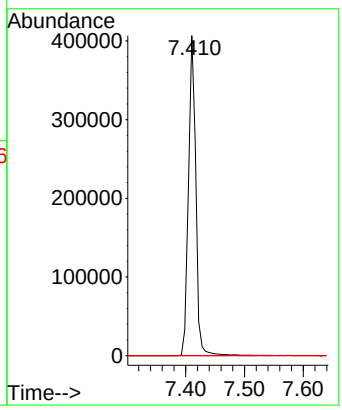


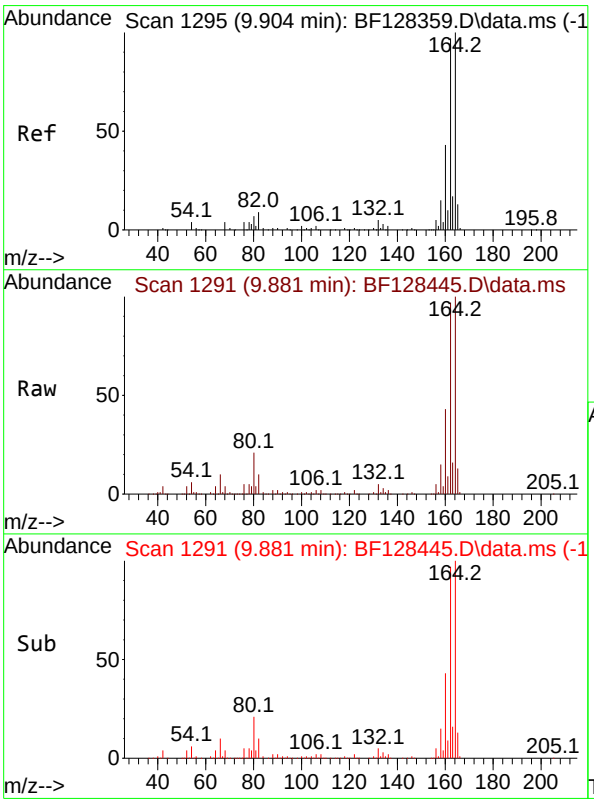
#25
Isophorone
Concen: 34.778 ng
RT: 7.410 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Instrument :
BNA_F
ClientSampleId :
SB-15(4.5-5)

Tgt Ion: 82 Resp: 354220

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

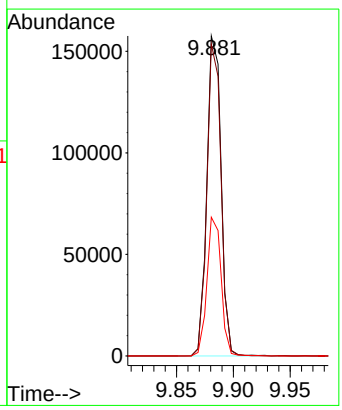


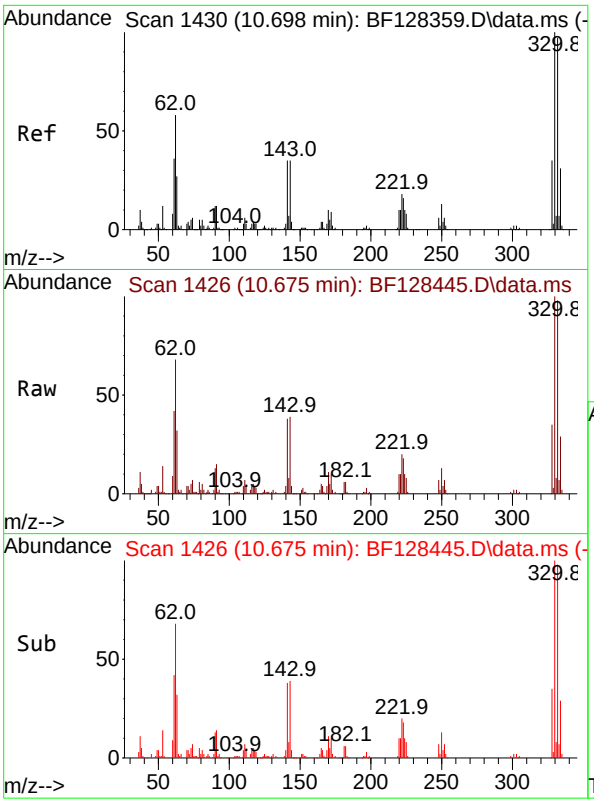


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Tgt Ion:164 Resp: 137061

Ion	Ratio	Lower	Upper
164	100		
162	97.5	76.0	114.0
160	43.4	34.8	52.2



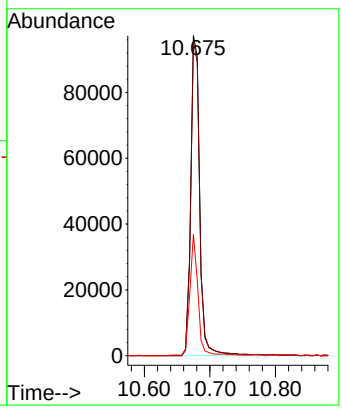


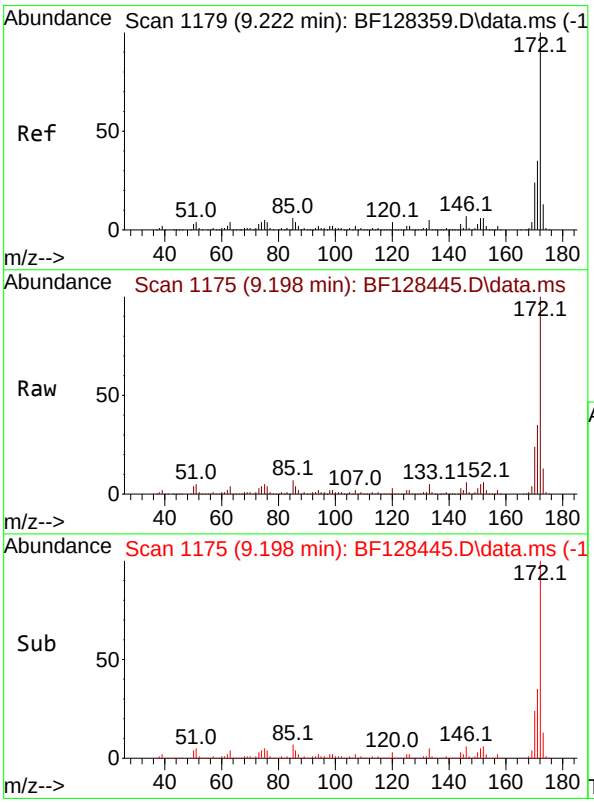
#42
2,4,6-Tribromophenol
Concen: 65.560 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Instrument :
BNA_F
ClientSampleId :
SB-15(4.5-5)

Tgt Ion:330 Resp: 92669

Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.0	118.4
141	34.5	28.9	43.3

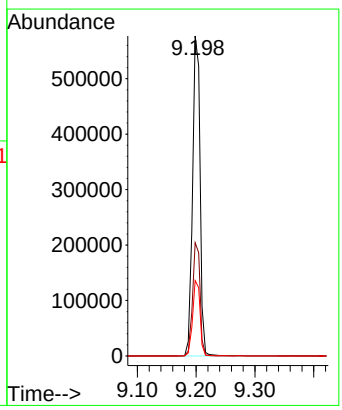


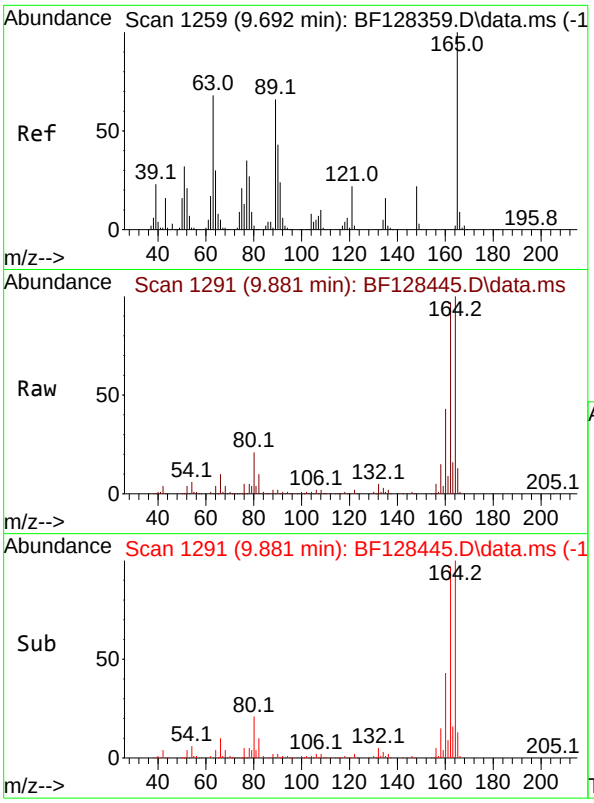


#45
2-Fluorobiphenyl
Concen: 61.444 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Tgt Ion:172 Resp: 514979

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.6	19.1	28.7



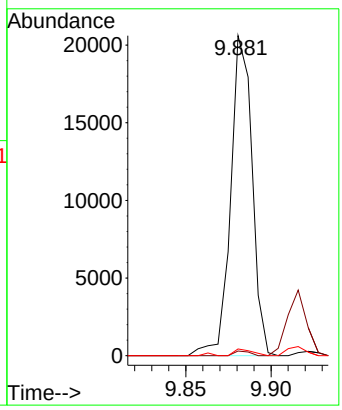


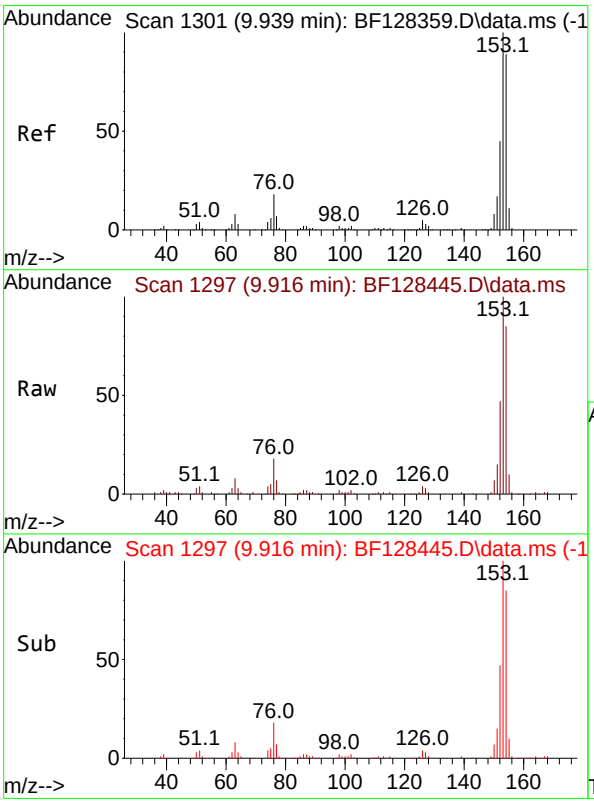
#51
2,6-Dinitrotoluene
Concen: 9.452 ng
RT: 9.881 min Scan# 1
Delta R.T. 0.200 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Instrument :
BNA_F
ClientSampleId :
SB-15(4.5-5)

Tgt Ion:165 Resp: 18049

Ion	Ratio	Lower	Upper
165	100		
63	1.5	49.5	74.3#
89	2.1	49.0	73.4#

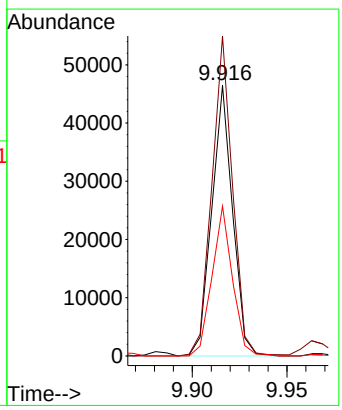


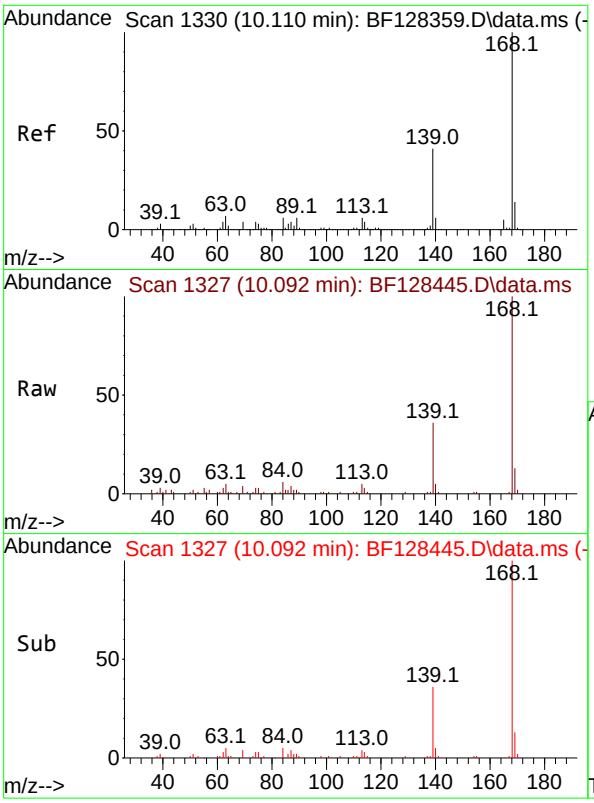


#52
Acenaphthene
Concen: 5.149 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Tgt Ion:154 Resp: 35540

Ion	Ratio	Lower	Upper
154	100		
153	118.3	90.5	135.7
152	55.4	41.0	61.6



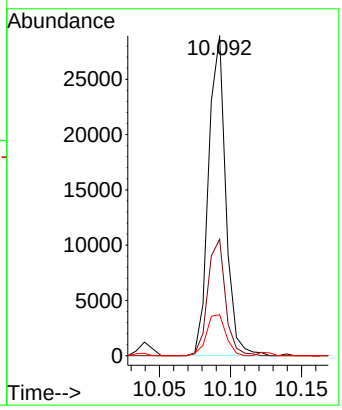


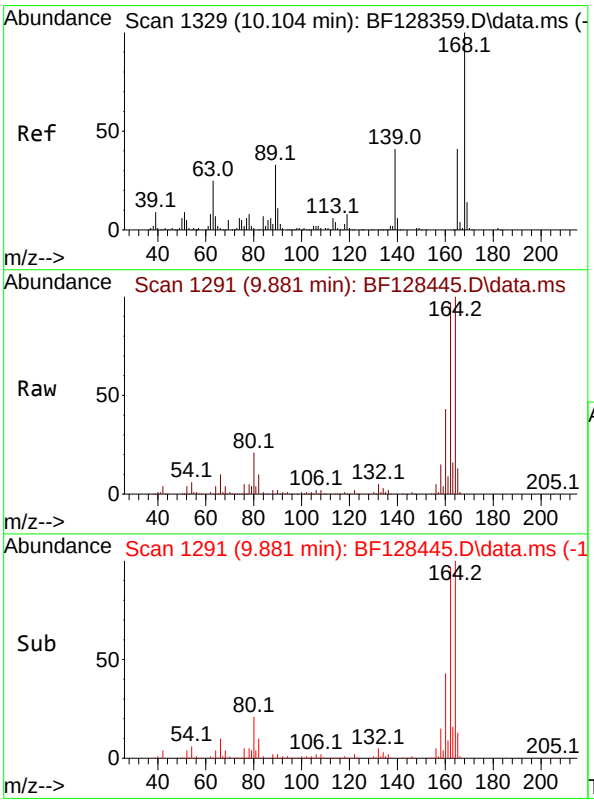
#55
Dibenzofuran
Concen: 2.321 ng
RT: 10.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Instrument :
BNA_F
ClientSampleId :
SB-15(4.5-5)

Tgt Ion:168 Resp: 24291

Ion	Ratio	Lower	Upper
168	100		
139	36.4	31.7	47.5
169	12.8	10.9	16.3

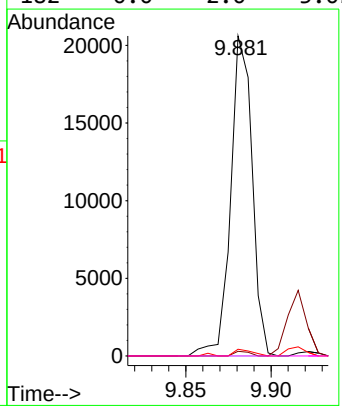


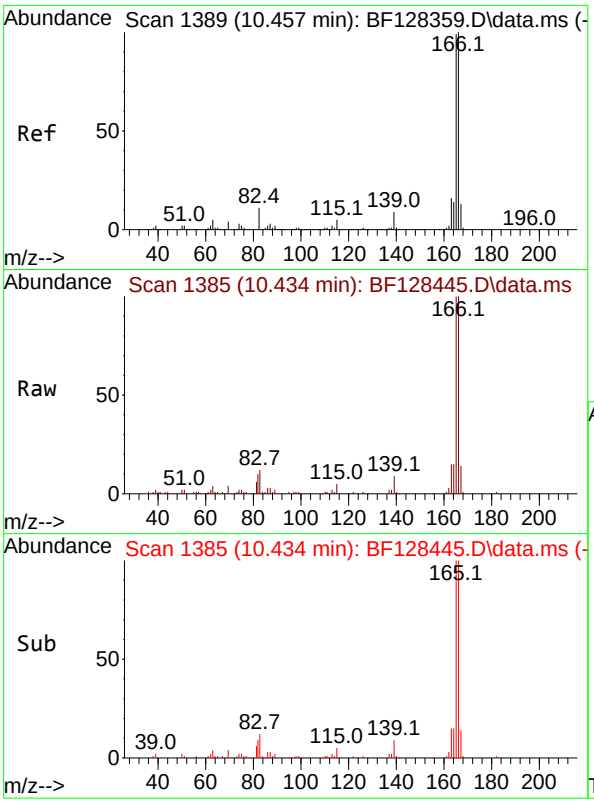


#57
2,4-Dinitrotoluene
Concen: 7.502 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.212 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Tgt Ion:165 Resp: 18049

Ion	Ratio	Lower	Upper
165	100		
63	1.5	32.6	49.0#
89	2.1	55.2	82.8#
182	0.0	2.0	3.0#



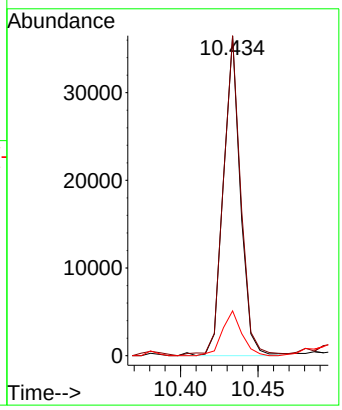


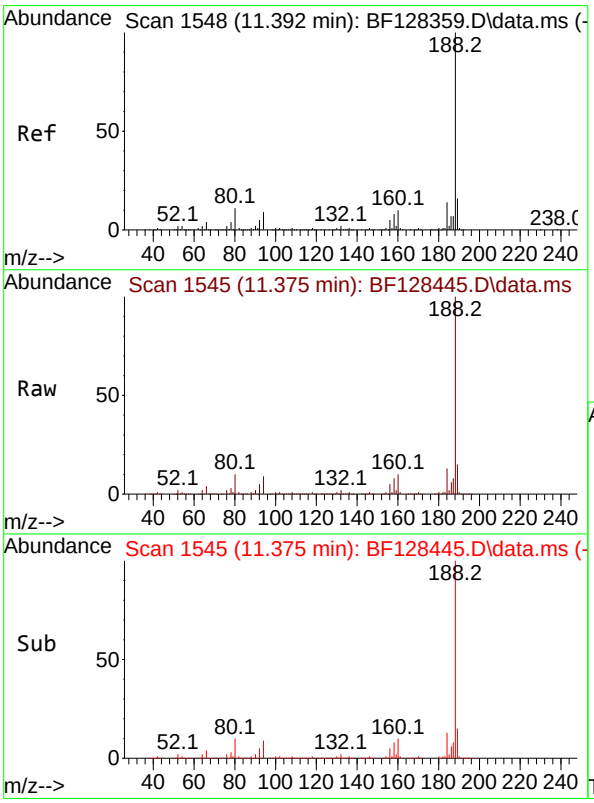
#58
Fluorene
Concen: 3.380 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Instrument :
BNA_F
ClientSampleId :
SB-15(4.5-5)

Tgt Ion:166 Resp: 27725

Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.6	117.8
167	14.0	10.5	15.7

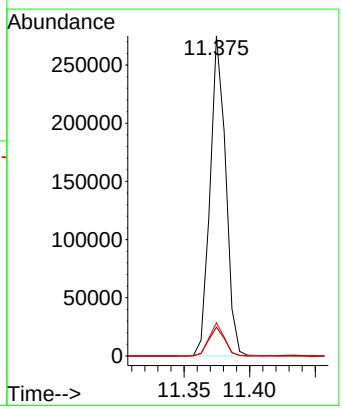


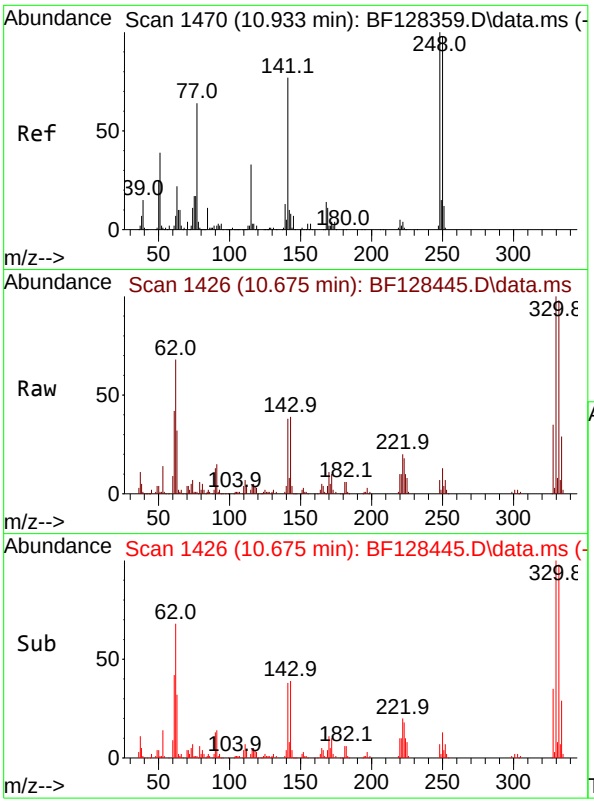


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Tgt Ion:188 Resp: 228274

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	10.4	8.9	13.3



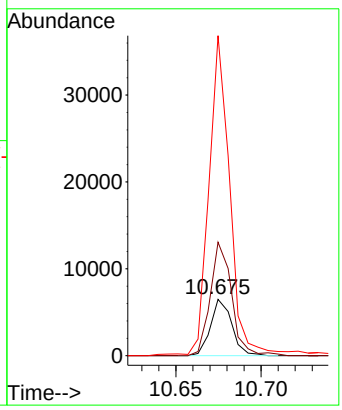


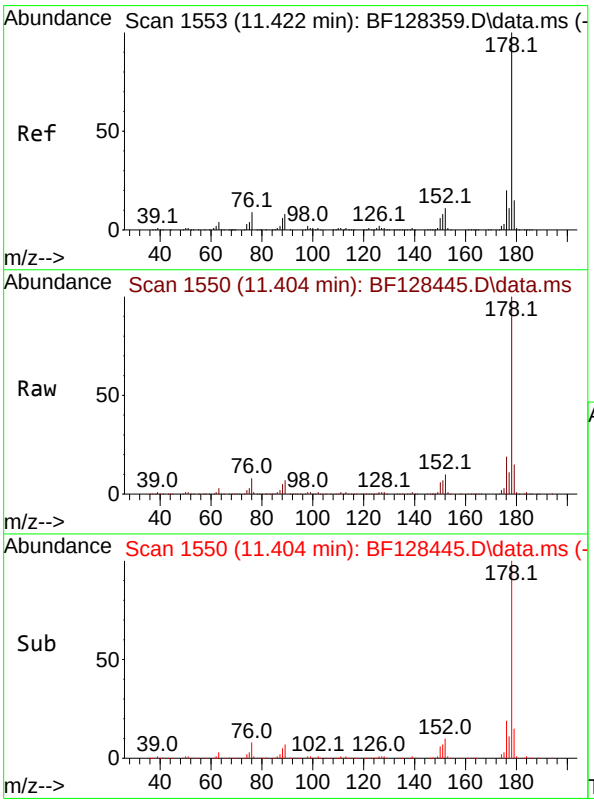
#67
4-Bromophenyl-phenylether
Concen: 2.355 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Instrument :
BNA_F
ClientSampleId :
SB-15(4.5-5)

Tgt Ion:248 Resp: 5627

Ion	Ratio	Lower	Upper
248	100		
250	201.4	77.7	116.5#
141	567.9	65.6	98.4#

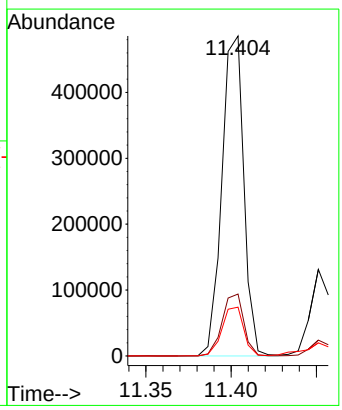


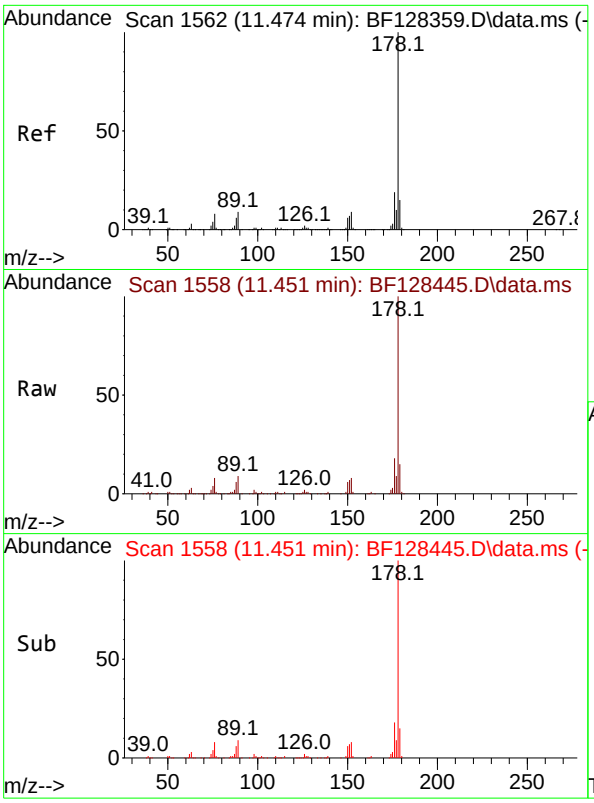


#71
Phenanthrene
Concen: 39.113 ng
RT: 11.404 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Tgt Ion:178 Resp: 435731

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.2	12.6	19.0



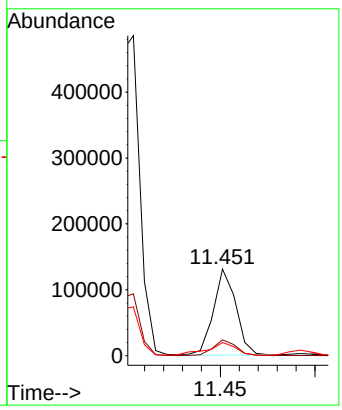


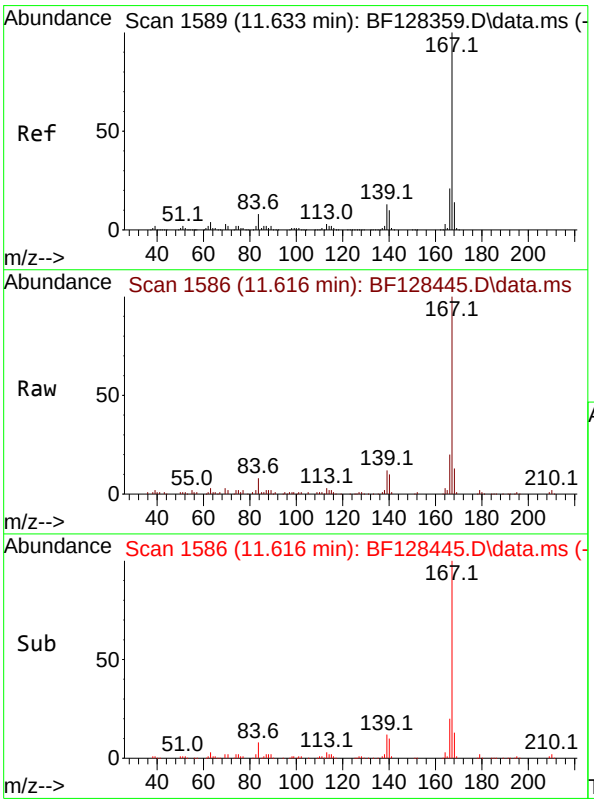
#72
Anthracene
Concen: 9.783 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Instrument :
BNA_F
ClientSampleId :
SB-15(4.5-5)

Tgt Ion:178 Resp: 108319

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	15.1	12.4	18.6

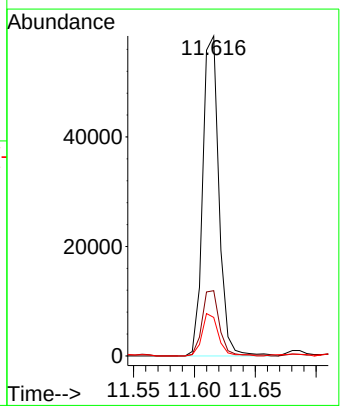


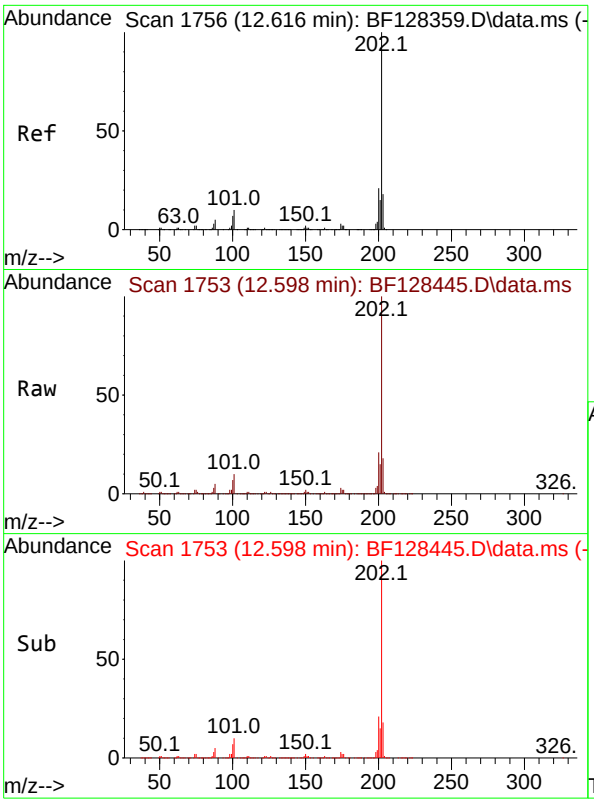


#73
Carbazole
Concen: 4.905 ng
RT: 11.616 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Tgt Ion:167 Resp: 54158

Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.6	26.4
139	12.0	10.7	16.1



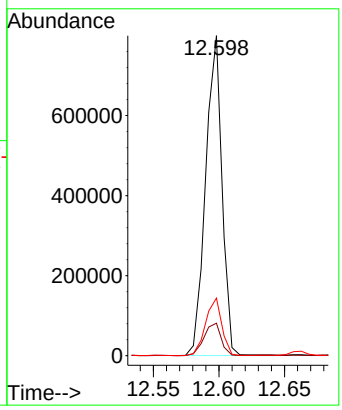


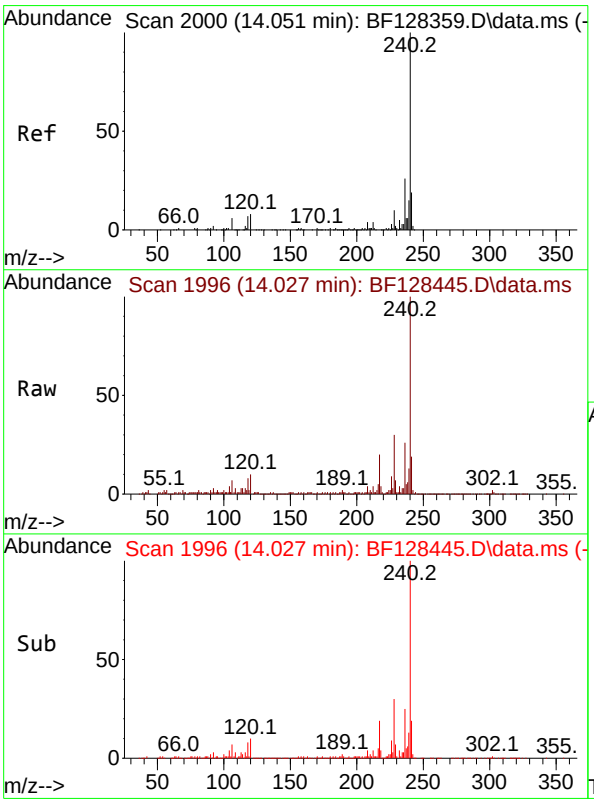
#75
Fluoranthene
Concen: 57.794 ng
RT: 12.598 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Instrument :
BNA_F
ClientSampleId :
SB-15(4.5-5)

Tgt Ion:202 Resp: 697261

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.6
203	18.0	0.0	38.1

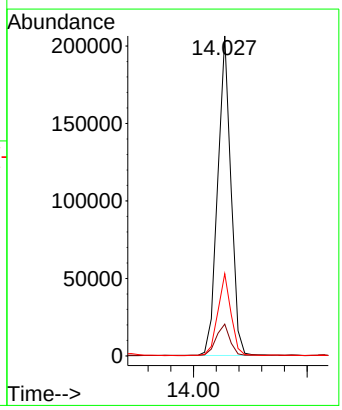


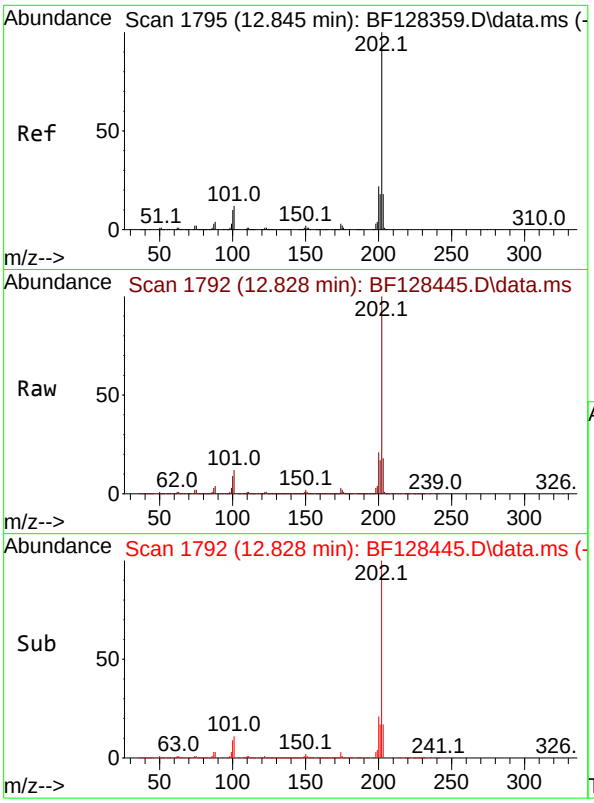


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Tgt Ion:240 Resp: 167113

Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.0	10.6
236	25.7	20.3	30.5



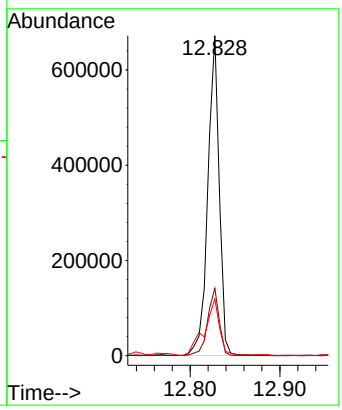


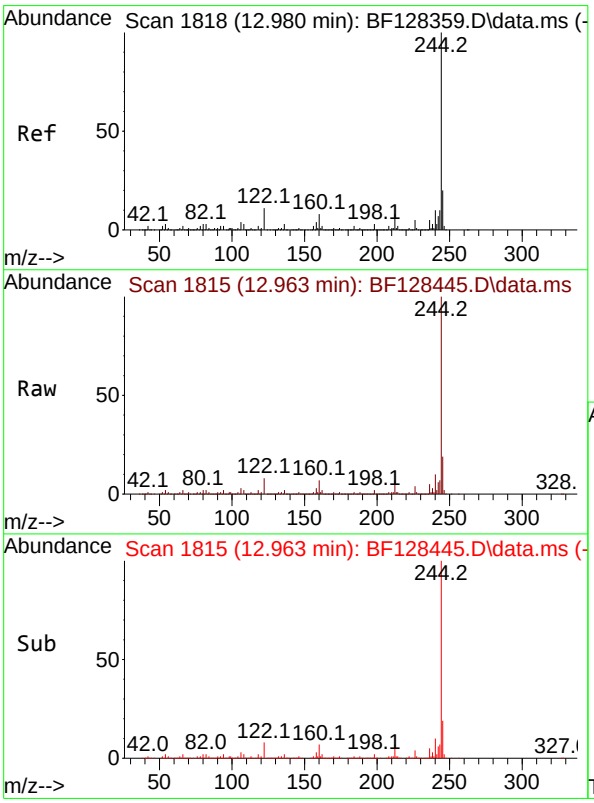
#78
Pyrene
Concen: 47.509 ng
RT: 12.828 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Instrument :
BNA_F
ClientSampleId :
SB-15(4.5-5)

Tgt Ion:202 Resp: 594453

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.7	14.0	21.0

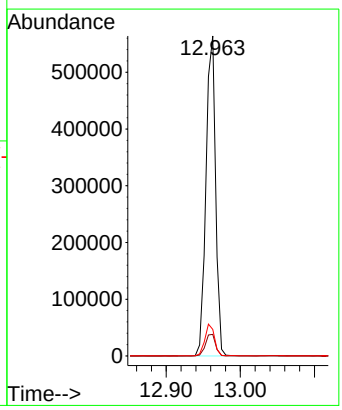


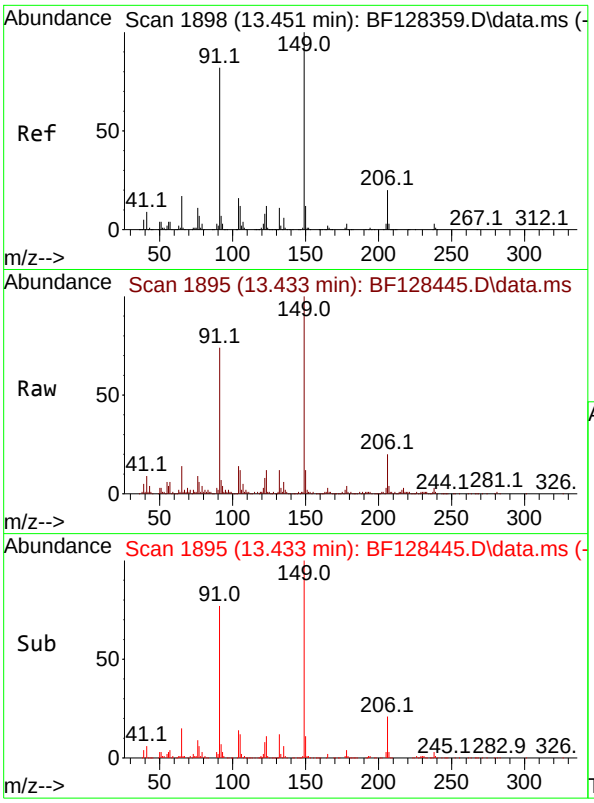


#79
Terphenyl-d14
Concen: 58.964 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Tgt Ion:244 Resp: 510440

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.2	9.4
122	8.3	8.6	12.8#



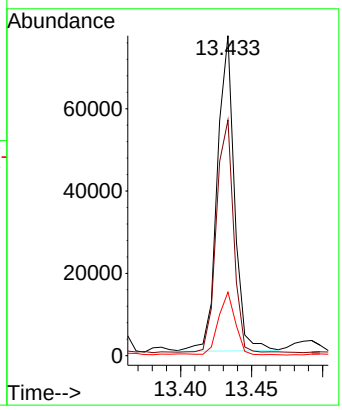


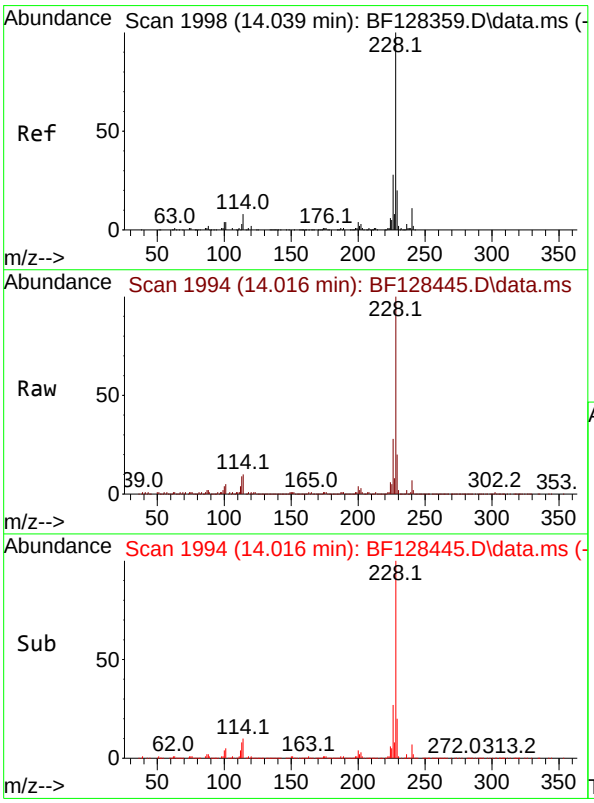
#80
Butylbenzylphthalate
Concen: 12.839 ng
RT: 13.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Instrument :
BNA_F
ClientSampleId :
SB-15(4.5-5)

Tgt Ion:149 Resp: 64426

Ion	Ratio	Lower	Upper
149	100		
91	73.7	65.8	98.6
206	19.9	15.4	23.2

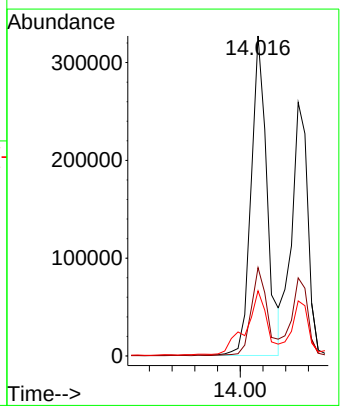


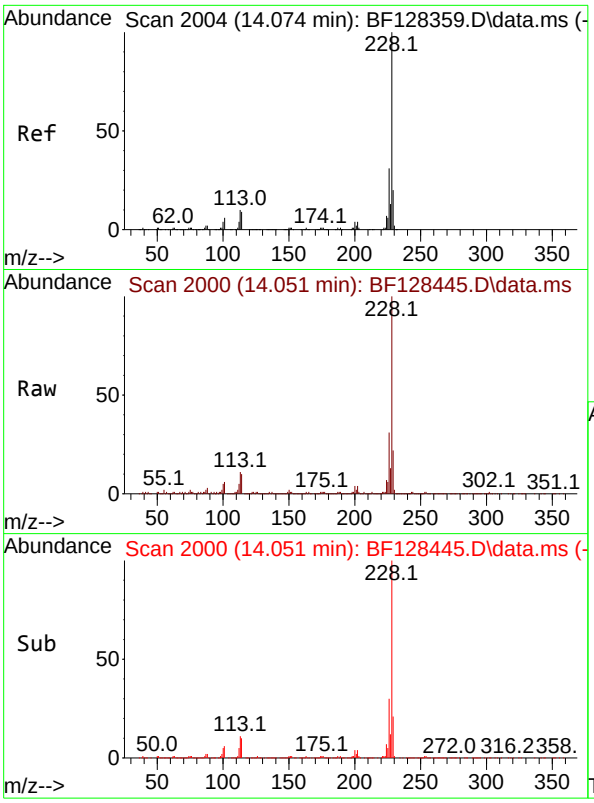


#81
Benzo(a)anthracene
Concen: 30.158 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Tgt Ion:228 Resp: 320651

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.7	32.5
229	20.4	15.4	23.2



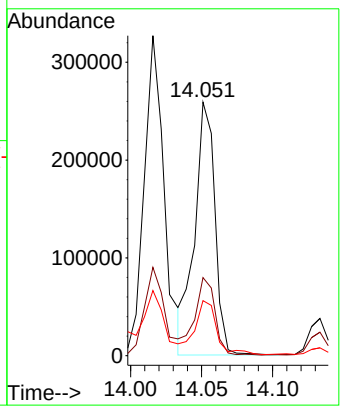


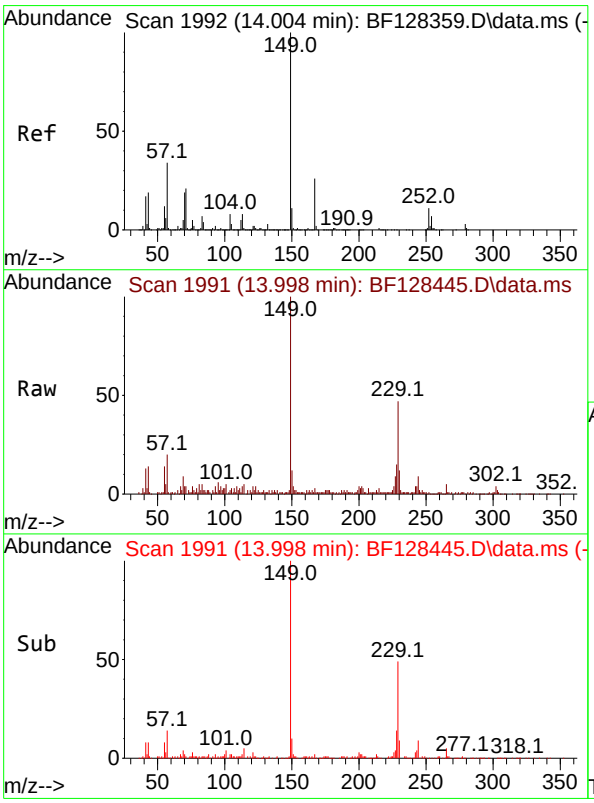
#83
Chrysene
Concen: 25.400 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Instrument :
BNA_F
ClientSampleId :
SB-15(4.5-5)

Tgt Ion:228 Resp: 257208

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.4	36.6
229	21.7	15.8	23.8

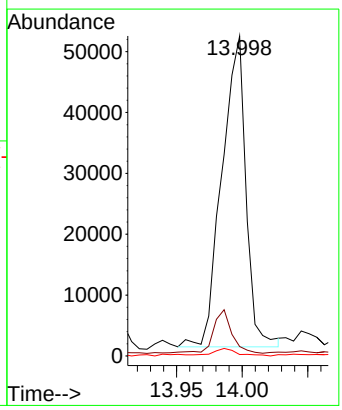


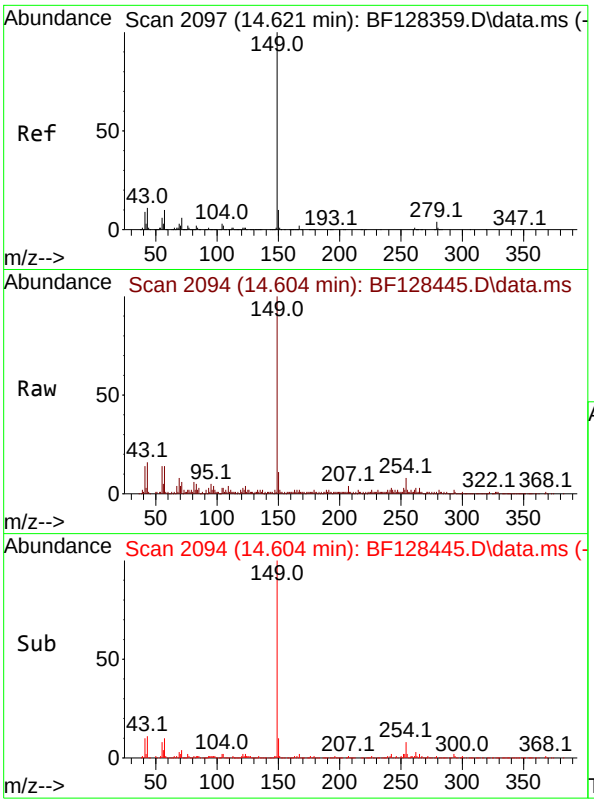


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.834 ng
RT: 13.998 min Scan# 1991
Delta R.T. 0.012 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Tgt Ion:149 Resp: 65255

Ion	Ratio	Lower	Upper
149	100		
167	2.9	22.0	33.0#
279	0.4	3.4	5.0#



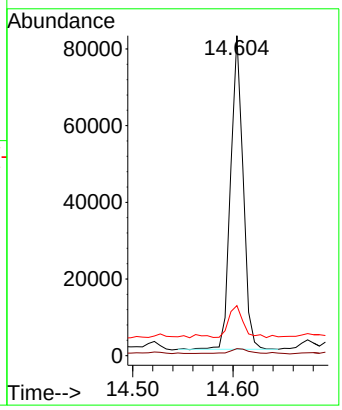


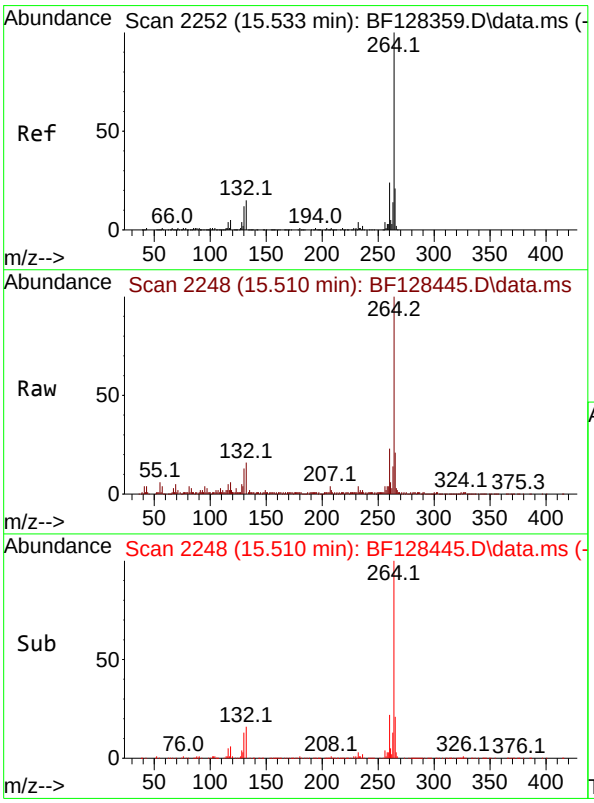
#85
Di-n-octyl phthalate
Concen: 6.607 ng
RT: 14.604 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Instrument :
BNA_F
ClientSampleId :
SB-15(4.5-5)

Tgt Ion:149 Resp: 70451

Ion	Ratio	Lower	Upper
149	100		
167	2.4	1.3	1.9#
43	12.9	8.9	13.3

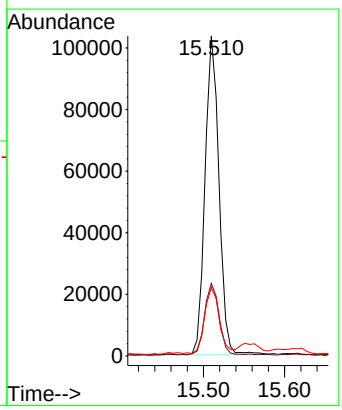


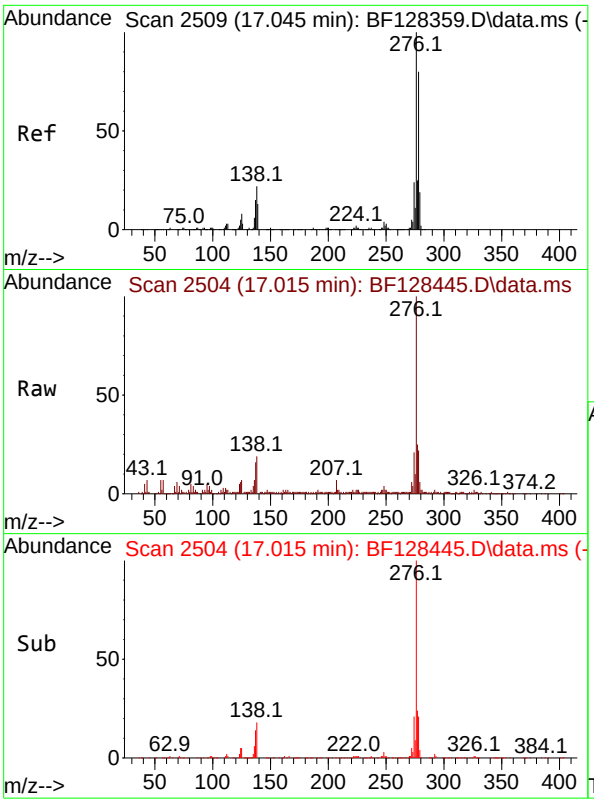


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2248
Delta R.T. 0.000 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Tgt Ion:264 Resp: 123052

Ion	Ratio	Lower	Upper
264	100		
260	22.6	20.1	30.1
265	21.4	17.5	26.3



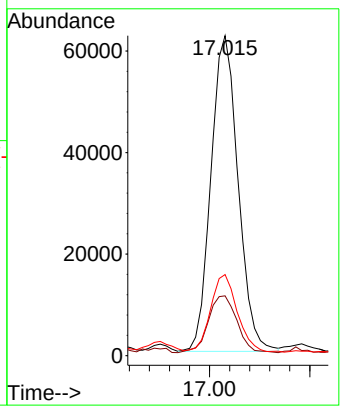


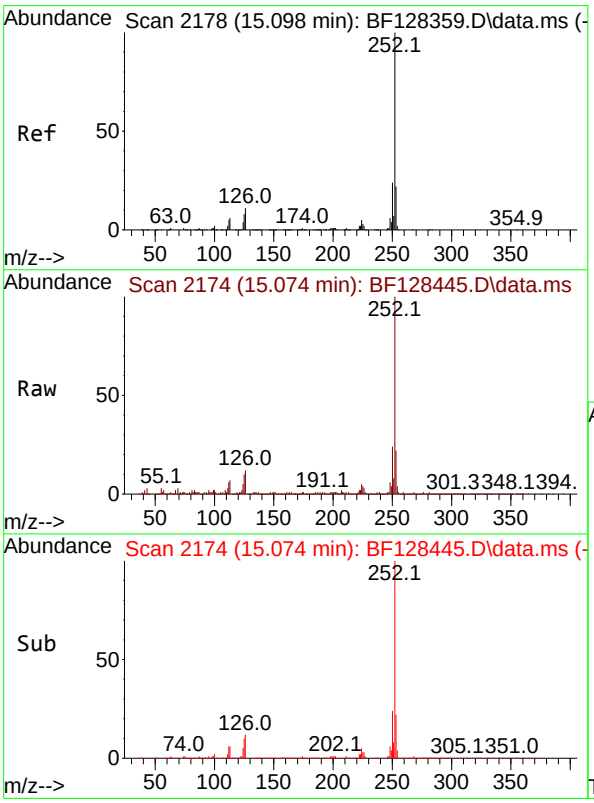
#87
Indeno(1,2,3-cd)pyrene
Concen: 16.647 ng
RT: 17.015 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Instrument :
BNA_F
ClientSampleId :
SB-15(4.5-5)

Tgt Ion:276 Resp: 116917

Ion	Ratio	Lower	Upper
276	100		
138	19.4	19.0	28.4
277	24.2	20.1	30.1

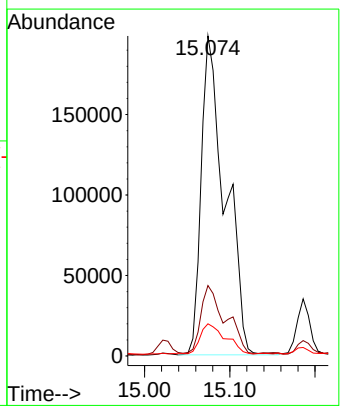


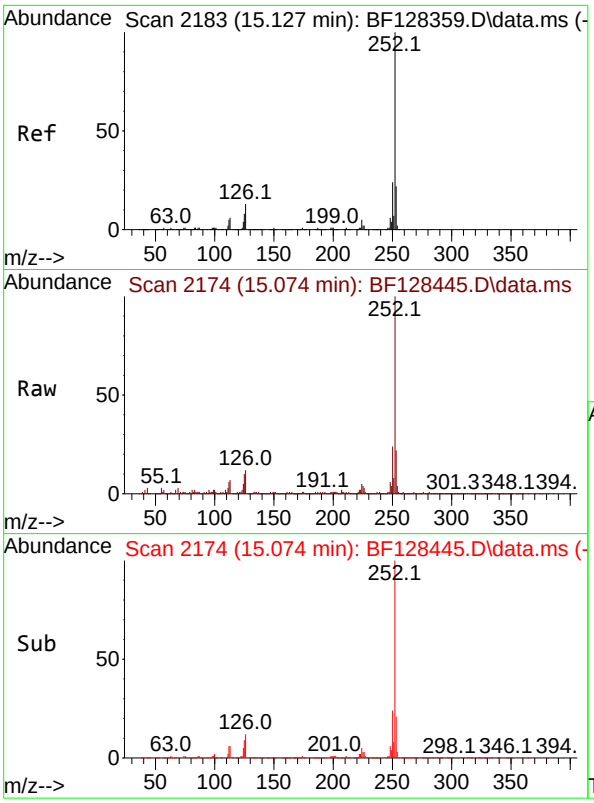


#88
Benzo(b)fluoranthene
Concen: 50.498 ng
RT: 15.074 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Tgt Ion:252 Resp: 386544

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	10.1	7.4	11.2



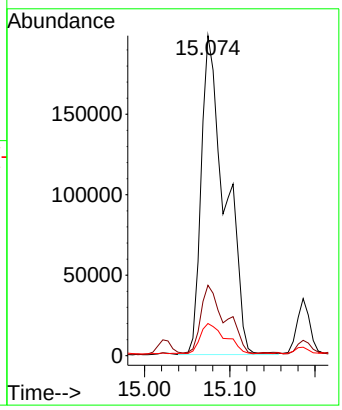


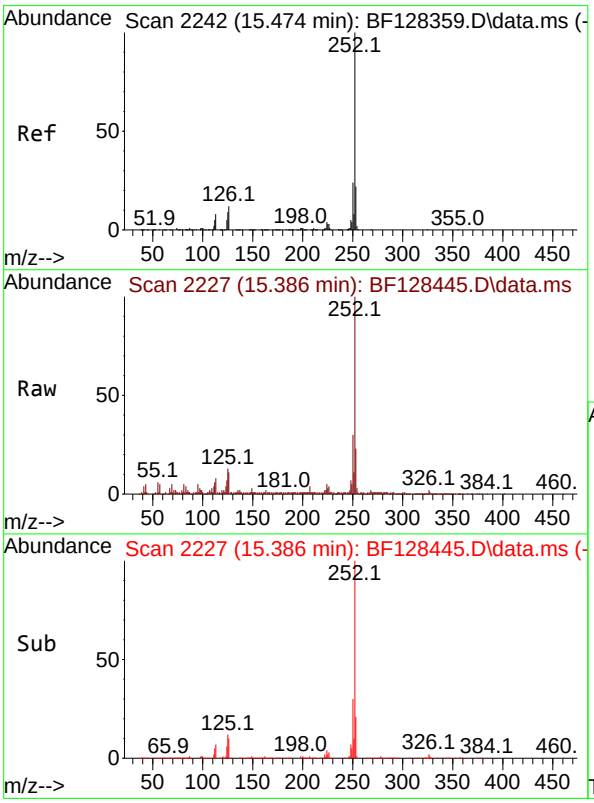
#89
Benzo(k)fluoranthene
Concen: 53.916 ng
RT: 15.074 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Instrument :
BNA_F
ClientSampleId :
SB-15(4.5-5)

Tgt Ion:252 Resp: 386544

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	10.1	6.8	10.2

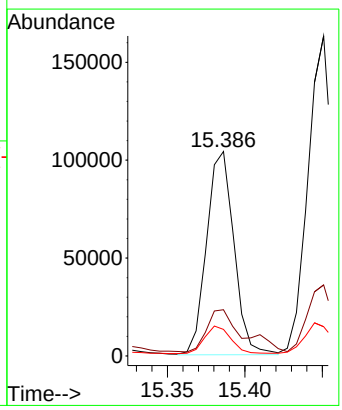


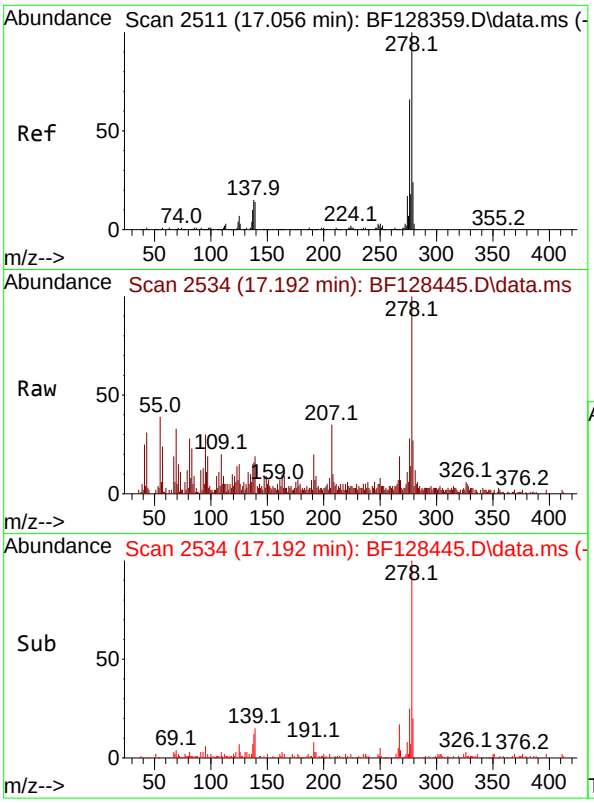


#90
Benzo(a)pyrene
Concen: 20.774 ng
RT: 15.386 min Scan# 2227
Delta R.T. -0.065 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Tgt Ion:252 Resp: 127651

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	13.0	9.2	13.8



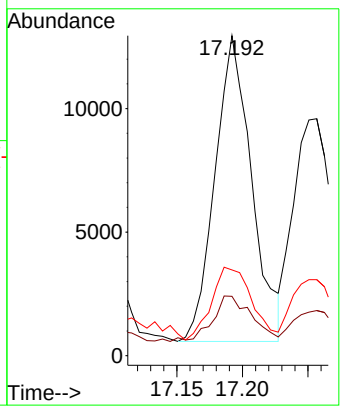


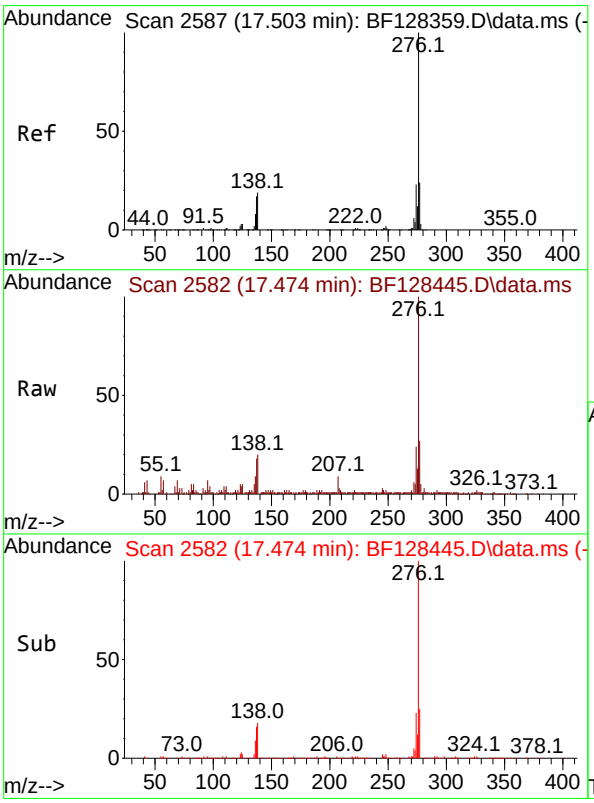
#91
Dibenzo(a,h)anthracene
Concen: 4.273 ng
RT: 17.192 min Scan# 2
Delta R.T. 0.165 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Instrument :
BNA_F
ClientSampleId :
SB-15(4.5-5)

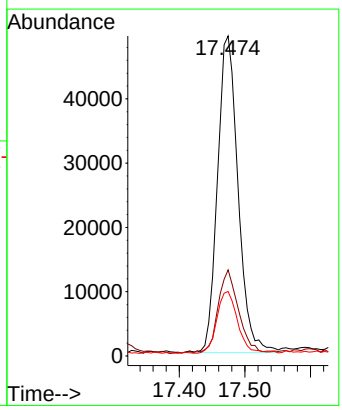
Tgt Ion:278 Resp: 24079

Ion	Ratio	Lower	Upper
278	100		
139	18.6	12.6	19.0
279	26.8	18.9	28.3





#92
Benzo(g,h,i)perylene
Concen: 18.203 ng
RT: 17.474 min Scan# 2582
Delta R.T. 0.000 min
Lab File: BF128445.D
Acq: 24 May 2022 20:11

Tgt Ion:276 Resp: 107019

Ion	Ratio	Lower	Upper
276	100		
277	26.9	18.8	28.2
138	20.2	16.2	24.2