Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128179.D
Acq On : 11 May 2022 00:19
Operator : CG\JU
Sample : N2749-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Time: May 11 04:02:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 15:30:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	77939	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	296034	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	166778	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	268378	20.000	ng	0.00
76) Chrysene-d12	14.074	240	167424	20.000	ng	0.00
86) Perylene-d12	15.568	264	167194	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	464101	94.925	ng	0.00
7) Phenol-d6	6.522	99	612985	94.792	ng	0.00
23) Nitrobenzene-d5	7.457	82	446578	67.879	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	155221	81.151	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	664700	62.361	ng	0.00
79) Terphenyl-d14	13.010	244	554676	62.166	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.445	77	1729	Below Cal	#	44
19) n-Nitroso-di-n-propyla...	7.457	70	61471	15.436	ng	# 79
25) Isophorone	7.457	82	445384	43.181	ng	# 68
31) Naphthalene	8.192	128	52514	3.592	ng	99
49) Acenaphthylene	9.792	152	54797	4.026	ng	99
51) 2,6-Dinitrotoluene	9.933	165	23021	9.751	ng	# 22
67) 4-Bromophenyl-phenylether	10.722	248	9012	3.121	ng	# 1
71) Phenanthrene	11.445	178	100466	7.518	ng	99
72) Anthracene	11.498	178	42153	3.159	ng	99
75) Fluoranthene	12.639	202	314552	21.711	ng	98
78) Pyrene	12.874	202	338698	27.900	ng	99
81) Benzo(a)anthracene	14.098	228	215432	20.145	ng	94
83) Chrysene	14.098	228	215432	21.113	ng	98
88) Benzo(b)fluoranthene	15.133	252	491875	47.459	ng	99
89) Benzo(k)fluoranthene	15.133	252	491875	48.078	ng	97
90) Benzo(a)pyrene	15.445	252	186068	22.238	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	50249	6.137	ng	93
92) Benzo(g,h,i)perylene	17.551	276	149677	18.054	ng	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
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Acq On : 11 May 2022 00:19
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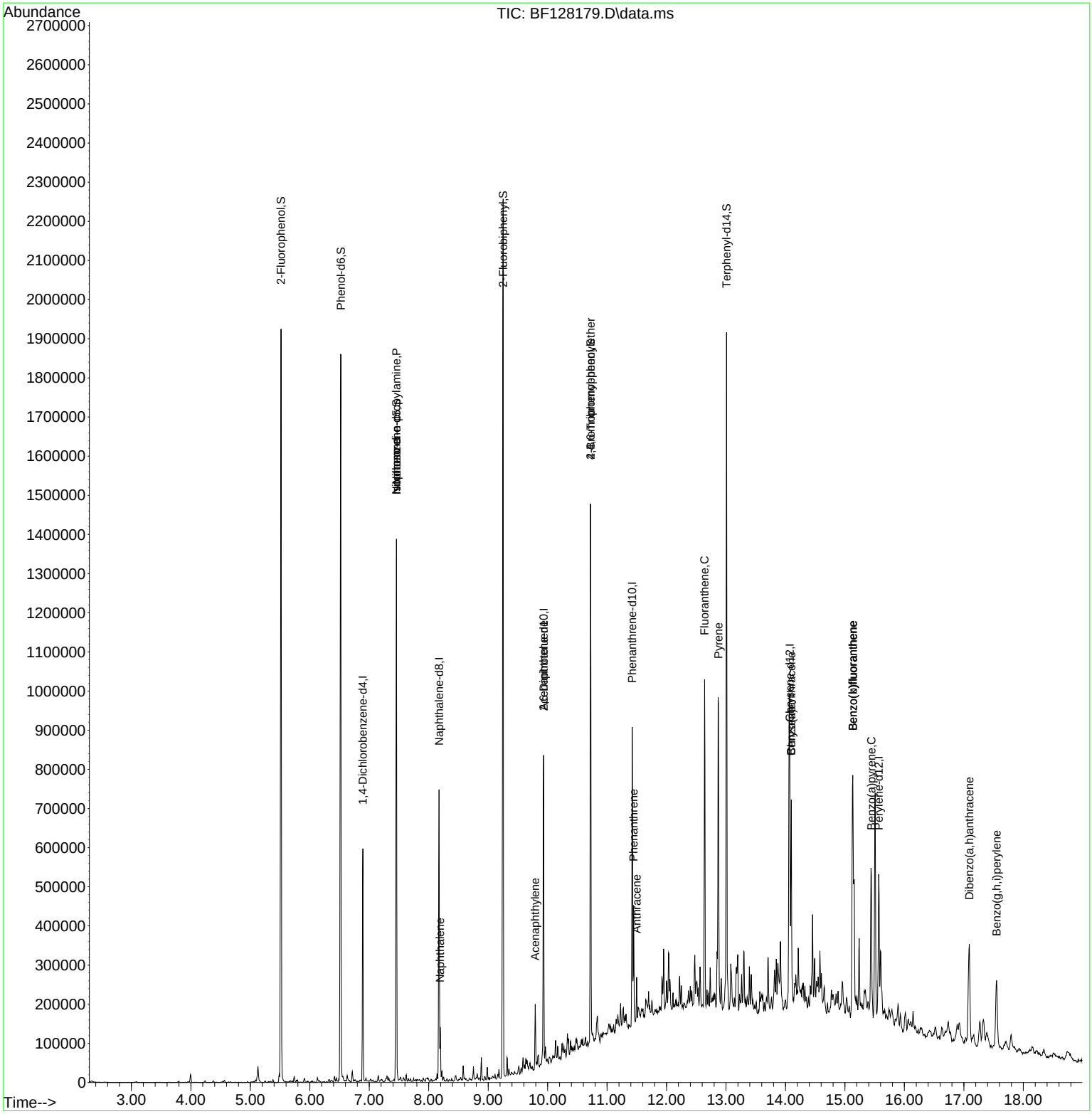
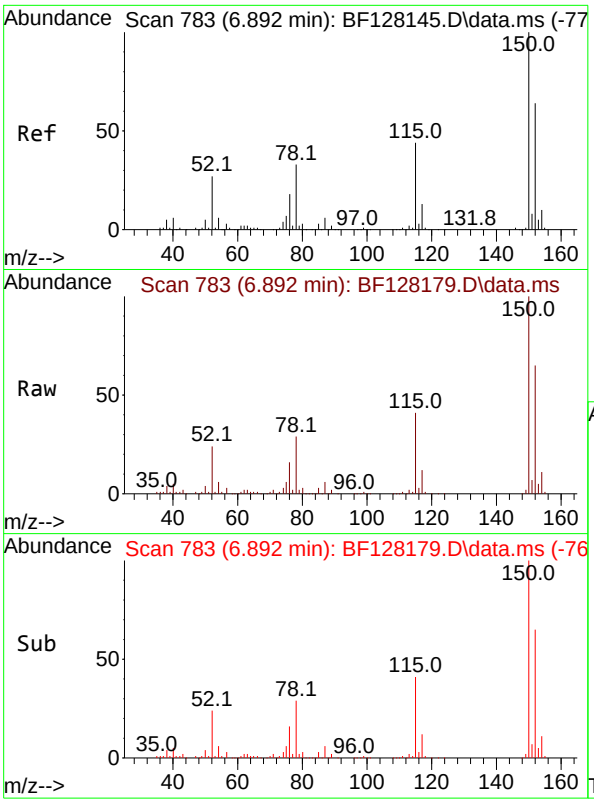
Quant Time: May 11 04:02:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 15:30:11 2022
Response via : Initial Calibration



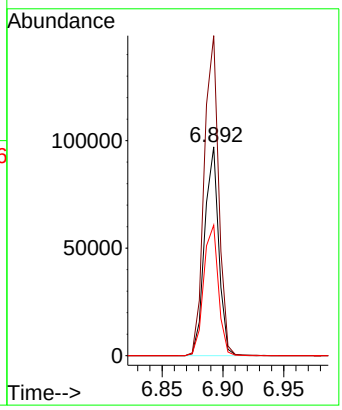


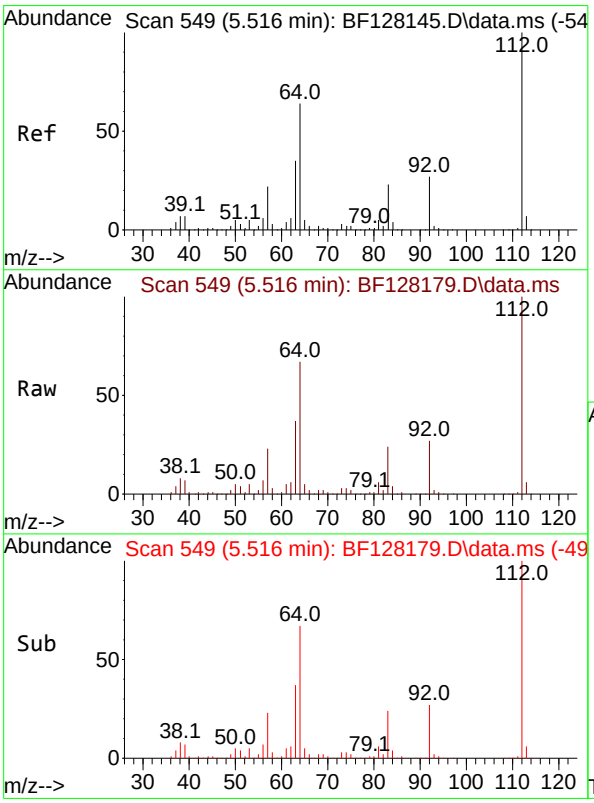
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 77939

Ion	Ratio	Lower	Upper
152	100		
150	153.2	125.3	187.9
115	62.5	48.8	73.2

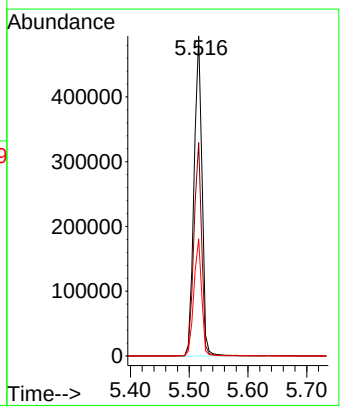


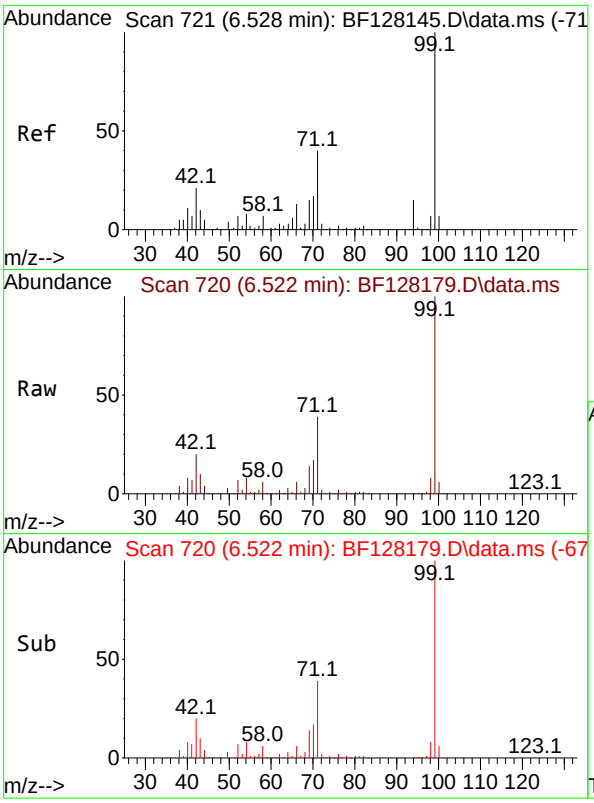


#5
2-Fluorophenol
Concen: 94.925 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.000 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Tgt Ion:112 Resp: 464101

Ion	Ratio	Lower	Upper
112	100		
64	66.6	49.5	74.3
63	36.6	26.3	39.5



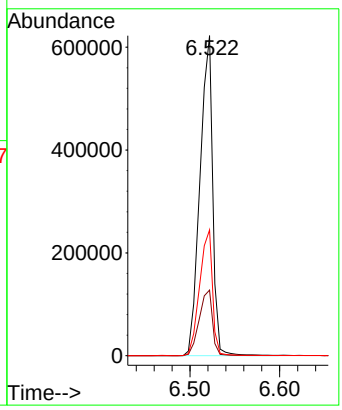


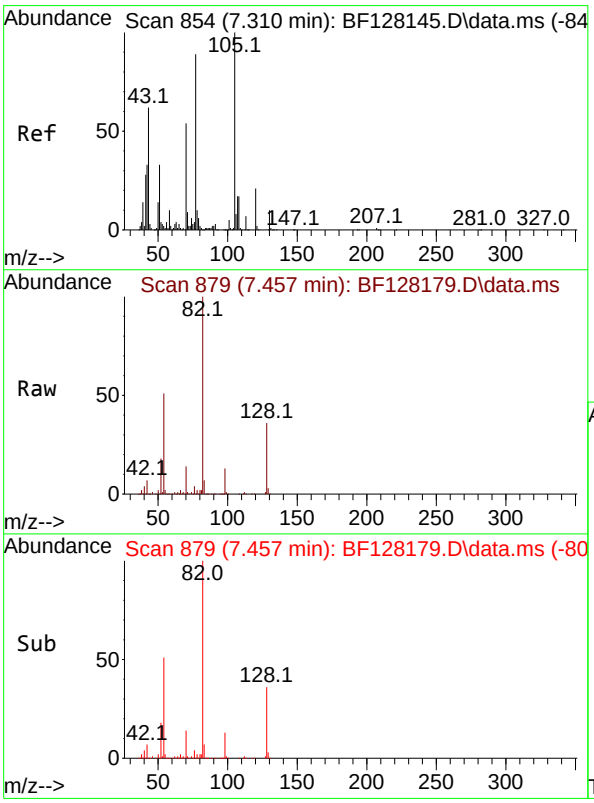
#7
Phenol-d6
Concen: 94.792 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 99 Resp: 612985

Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.6	24.8
71	39.3	30.0	45.0

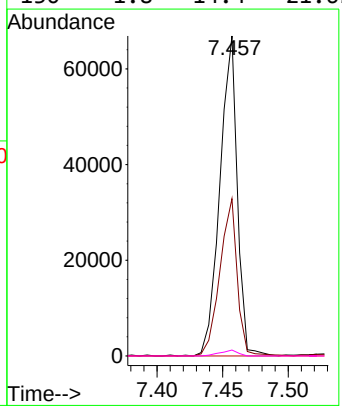


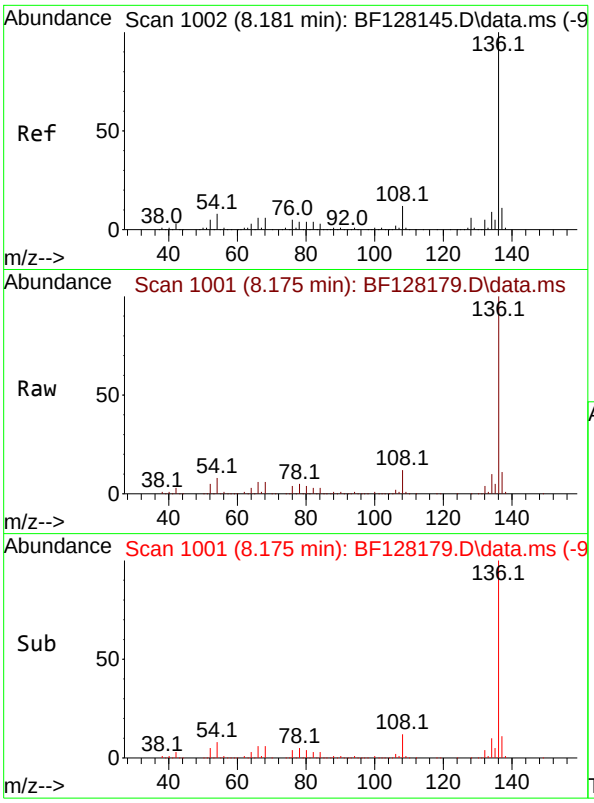


#19
n-Nitroso-di-n-propylamine
Concen: 15.436 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Tgt Ion: 70 Resp: 61471

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#



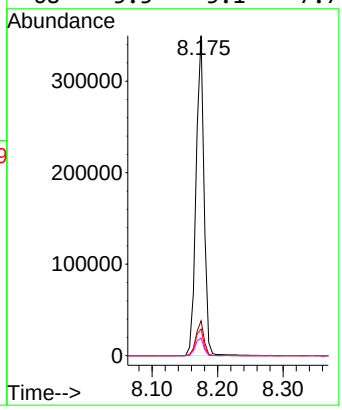


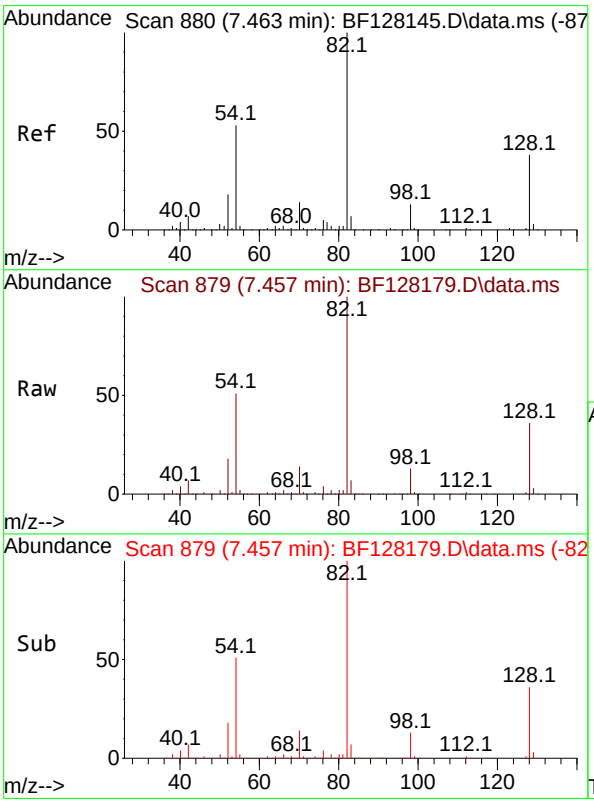
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:136 Resp: 296034

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.3	6.8	10.2
68	5.5	5.1	7.7

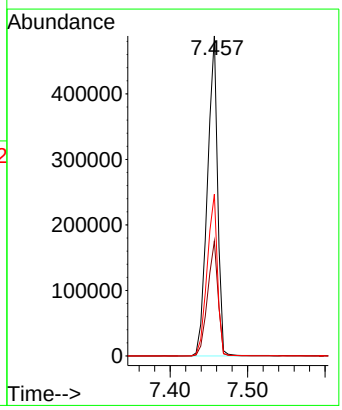


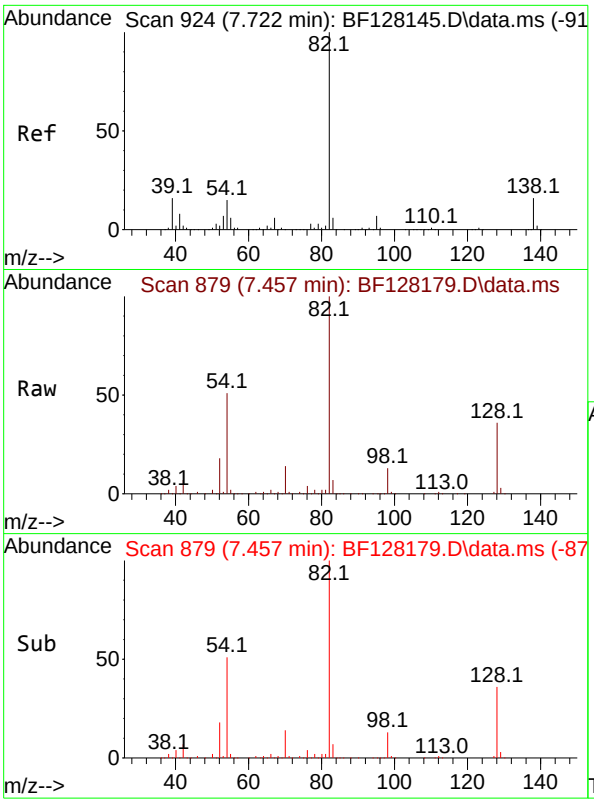


#23
Nitrobenzene-d5
Concen: 67.879 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Tgt Ion: 82 Resp: 446578

Ion	Ratio	Lower	Upper
82	100		
128	35.9	30.0	45.0
54	50.5	41.3	61.9



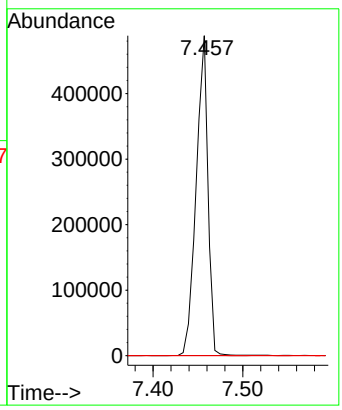


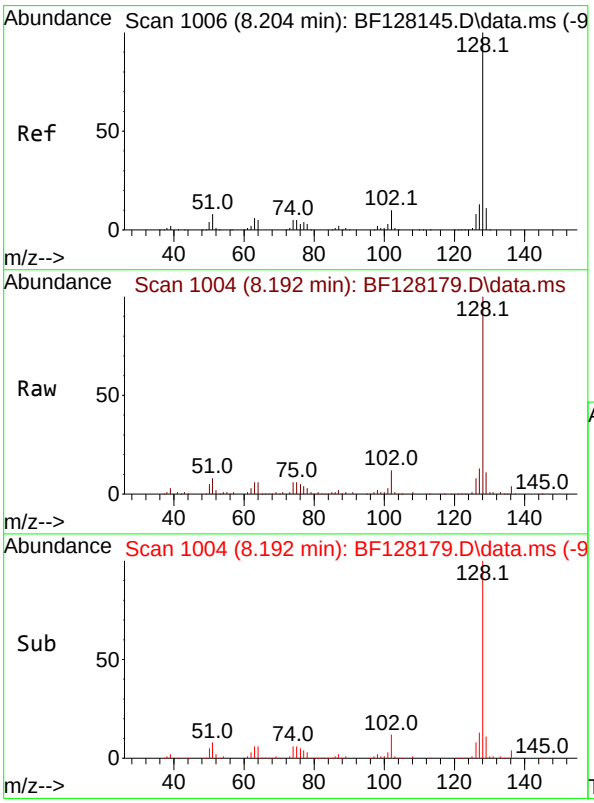
#25
Isophorone
Concen: 43.181 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 82 Resp: 445384

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

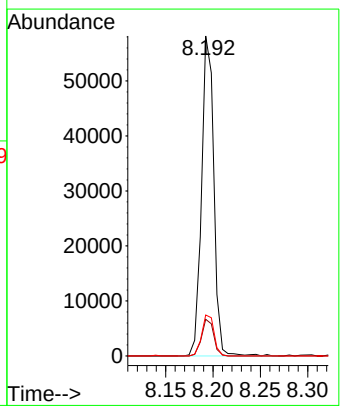


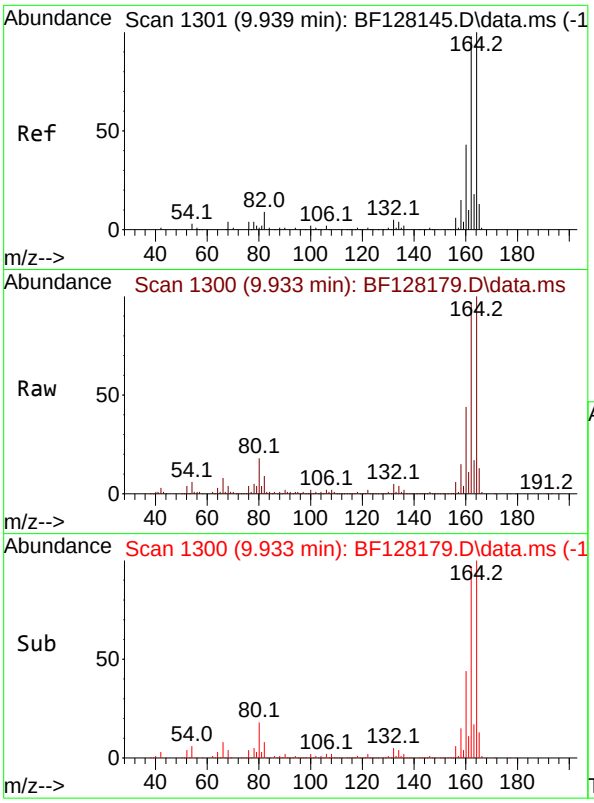


#31
Naphthalene
Concen: 3.592 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Tgt Ion:128 Resp: 52514

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	12.8	10.6	16.0



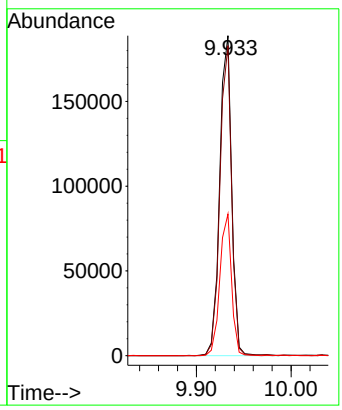


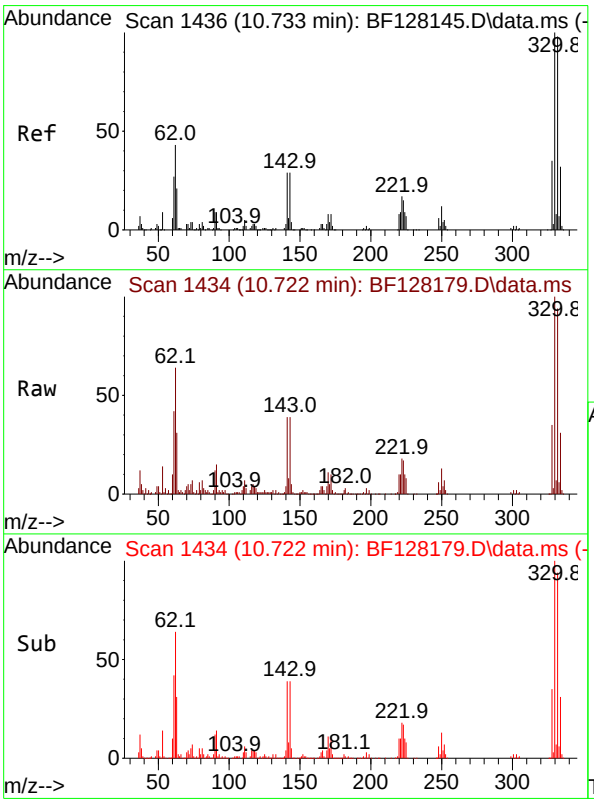
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:164 Resp: 166778

Ion	Ratio	Lower	Upper
164	100		
162	96.9	76.0	114.0
160	44.3	34.8	52.2

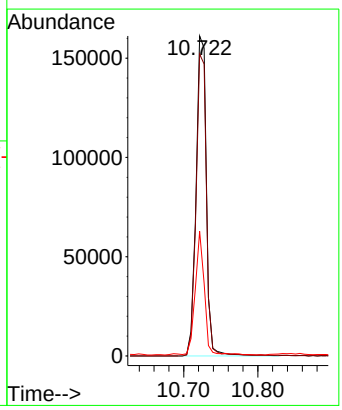


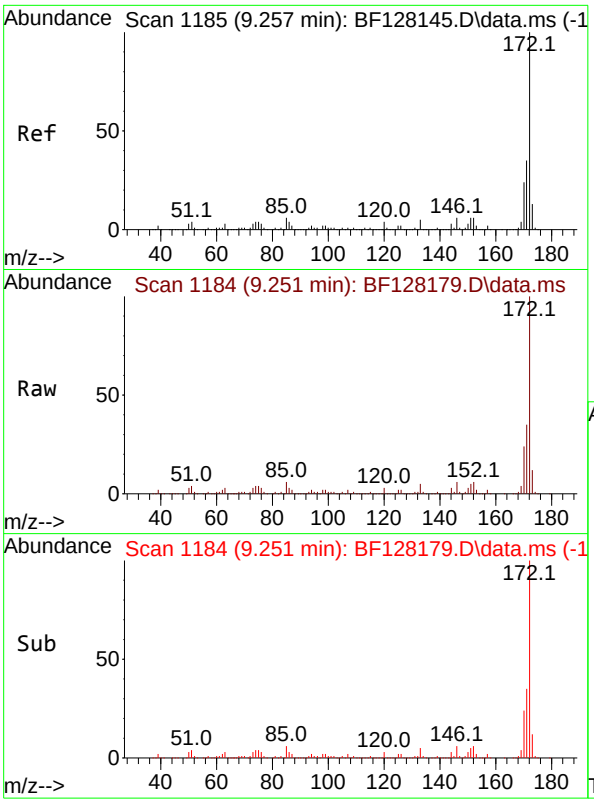


#42
2,4,6-Tribromophenol
Concen: 81.151 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Tgt Ion:330 Resp: 155221

Ion	Ratio	Lower	Upper
330	100		
332	94.6	79.0	118.4
141	33.9	28.9	43.3



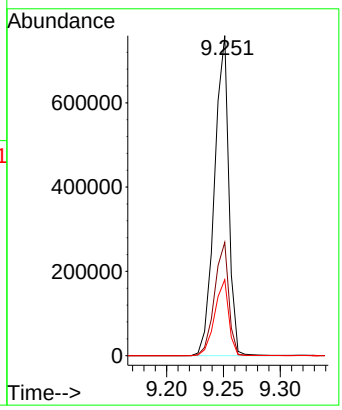


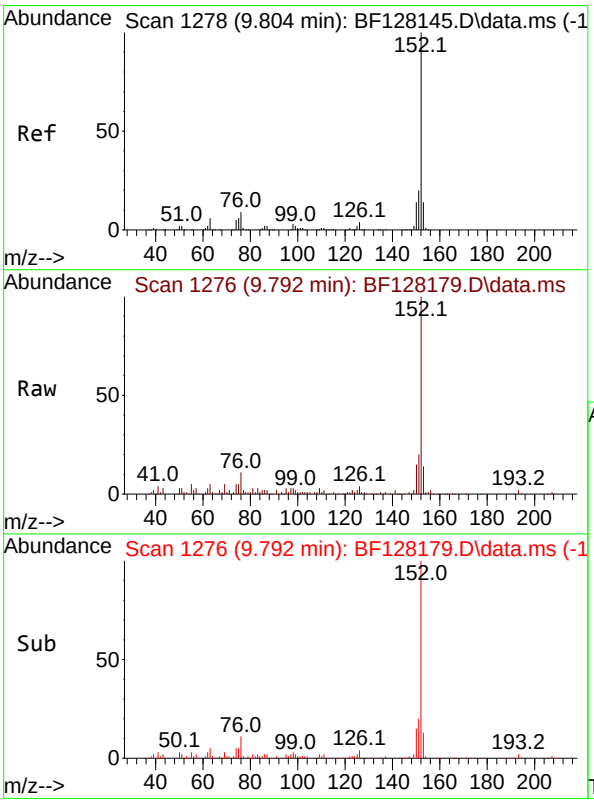
#45
2-Fluorobiphenyl
Concen: 62.361 ng
RT: 9.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:172 Resp: 664700

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.7	19.1	28.7

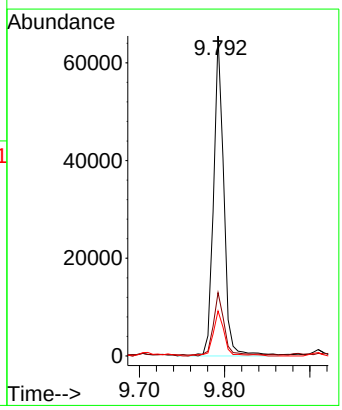


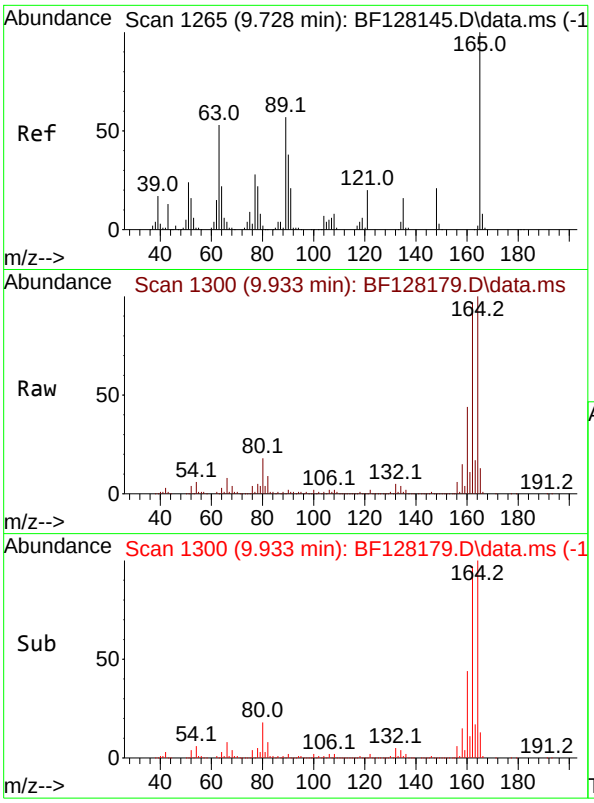


#49
Acenaphthylene
Concen: 4.026 ng
RT: 9.792 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Tgt Ion:152 Resp: 54797

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	14.0	11.2	16.8



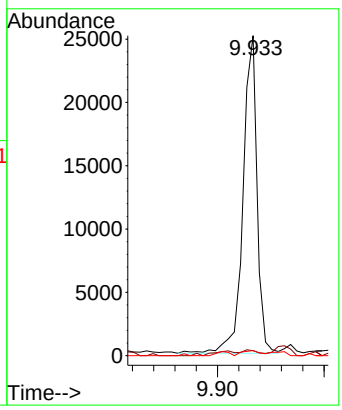


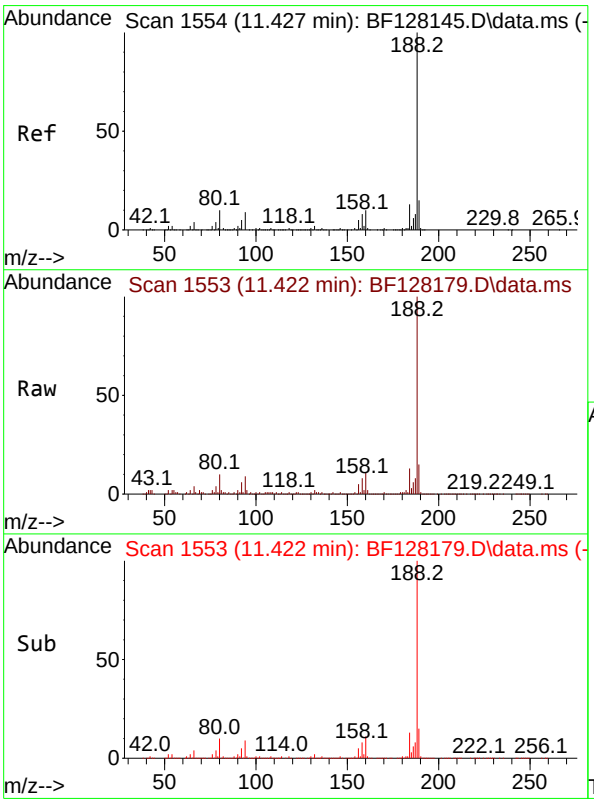
#51
2,6-Dinitrotoluene
Concen: 9.751 ng
RT: 9.933 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:165 Resp: 23021

Ion	Ratio	Lower	Upper
165	100		
63	1.6	49.5	74.3#
89	1.6	49.0	73.4#

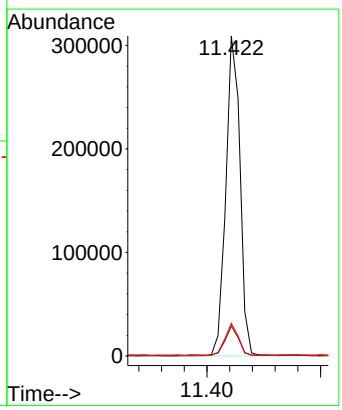


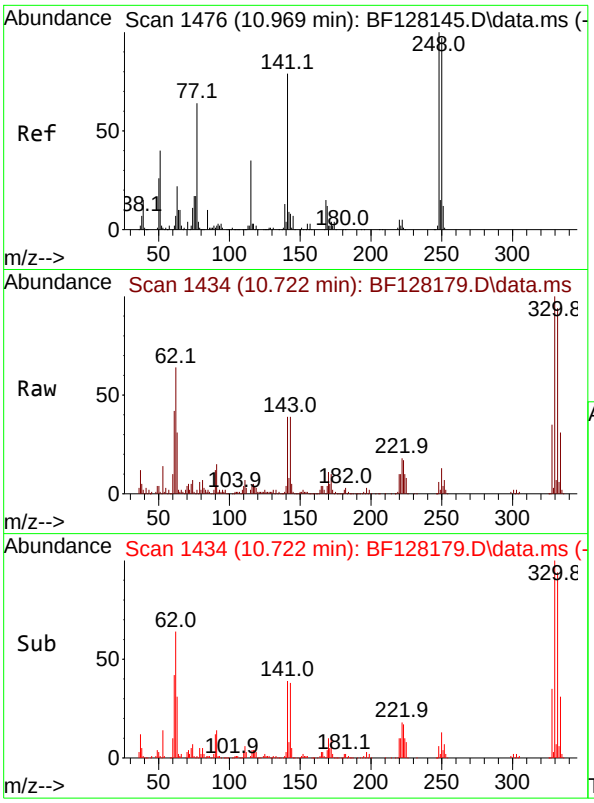


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Tgt Ion:188 Resp: 268378

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.0	12.0
80	10.2	8.9	13.3



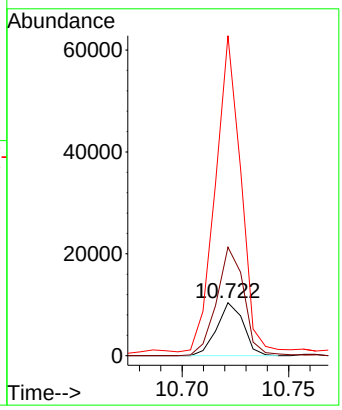


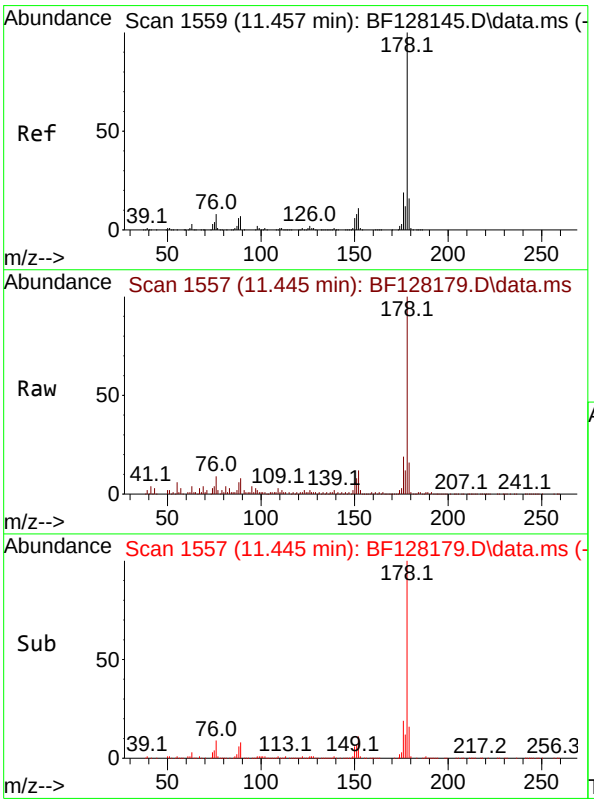
#67
4-Bromophenyl-phenylether
Concen: 3.121 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:248 Resp: 9012

Ion	Ratio	Lower	Upper
248	100		
250	205.1	77.7	116.5#
141	604.8	65.6	98.4#

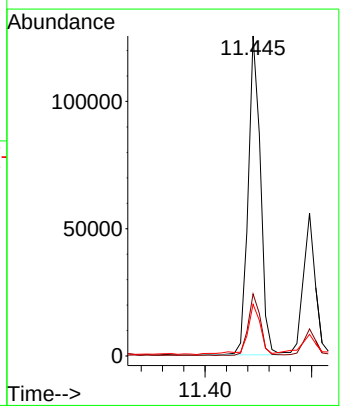


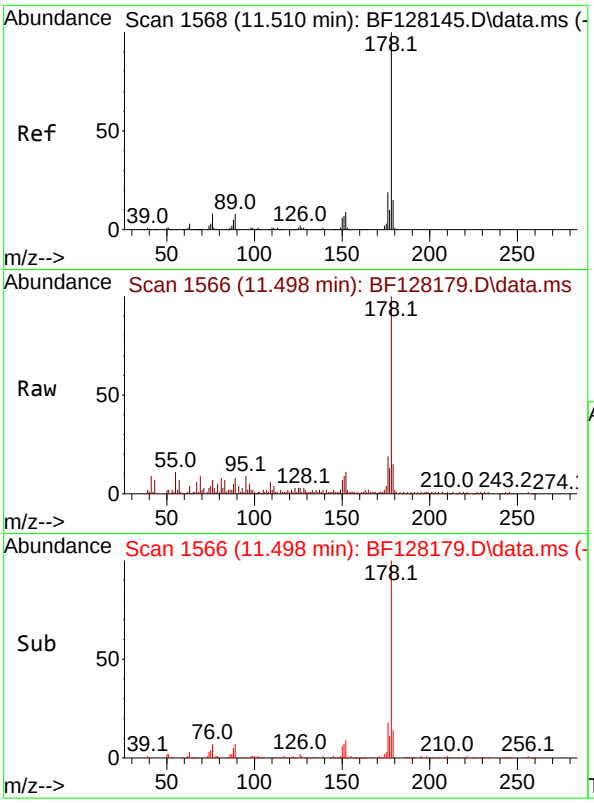


#71
Phenanthrene
Concen: 7.518 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Tgt Ion:178 Resp: 100466

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	16.2	12.6	19.0



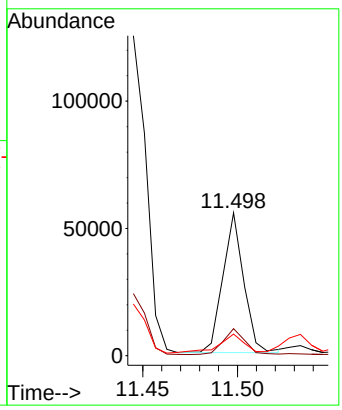


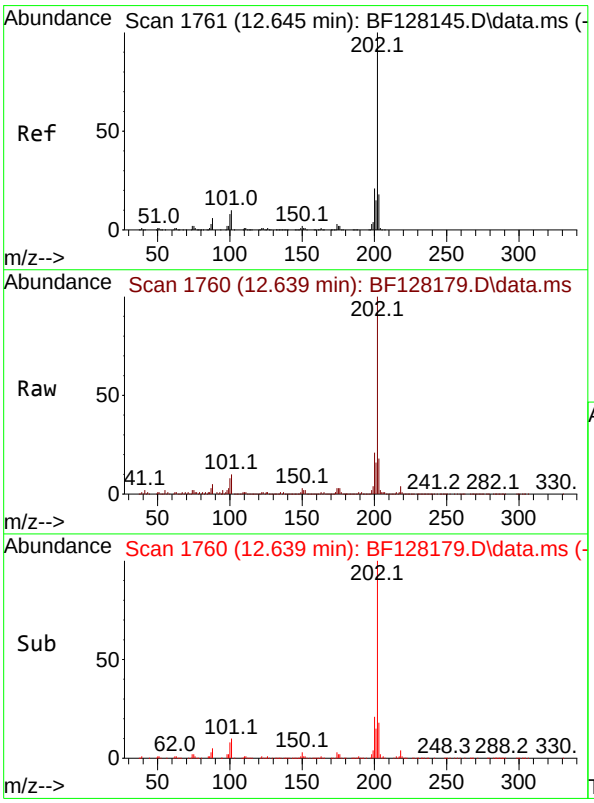
#72
Anthracene
Concen: 3.159 ng
RT: 11.498 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:178 Resp: 42153

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.2	12.4	18.6

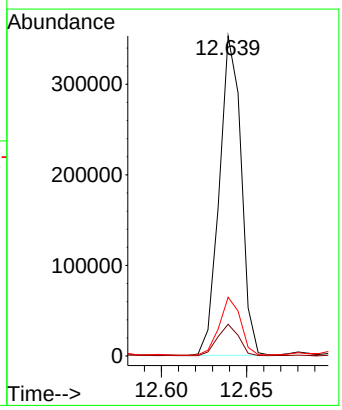


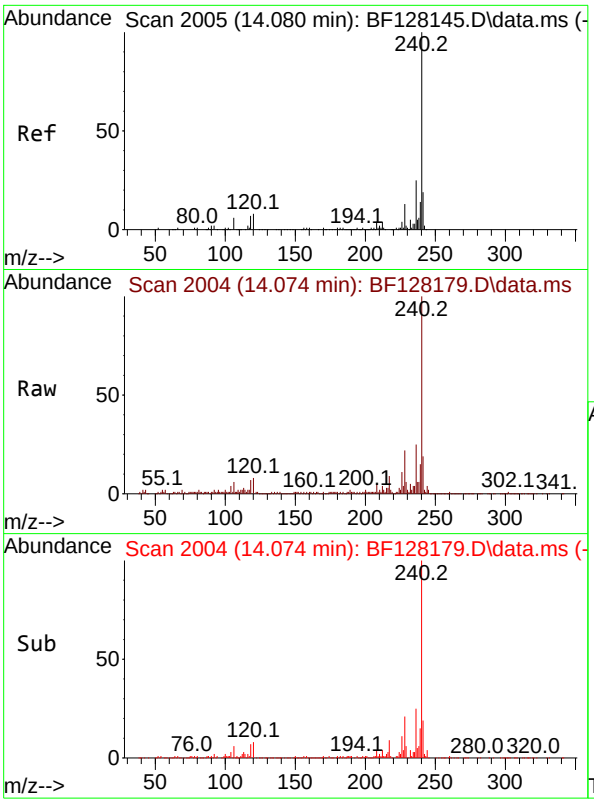


#75
Fluoranthene
Concen: 21.711 ng
RT: 12.639 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Tgt Ion:202 Resp: 314552

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.6
203	18.4	0.0	38.1



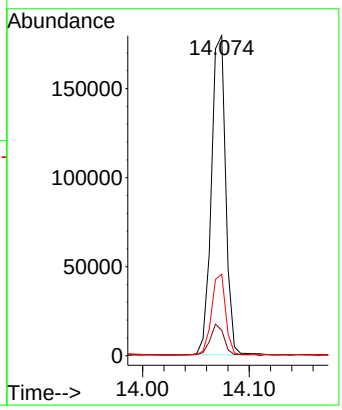


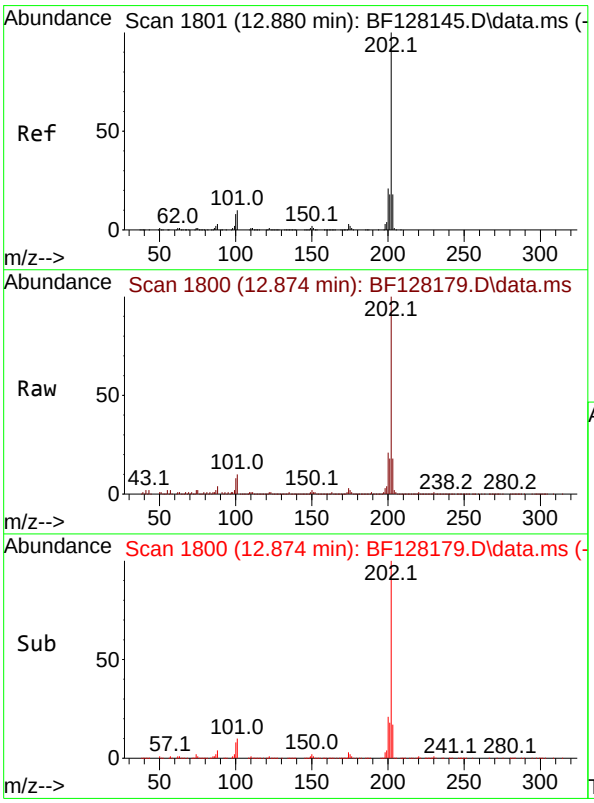
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:240 Resp: 167424

Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.0	10.6
236	25.5	20.3	30.5

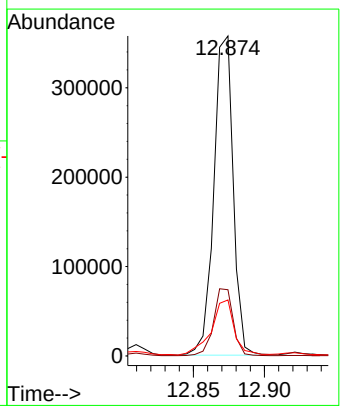


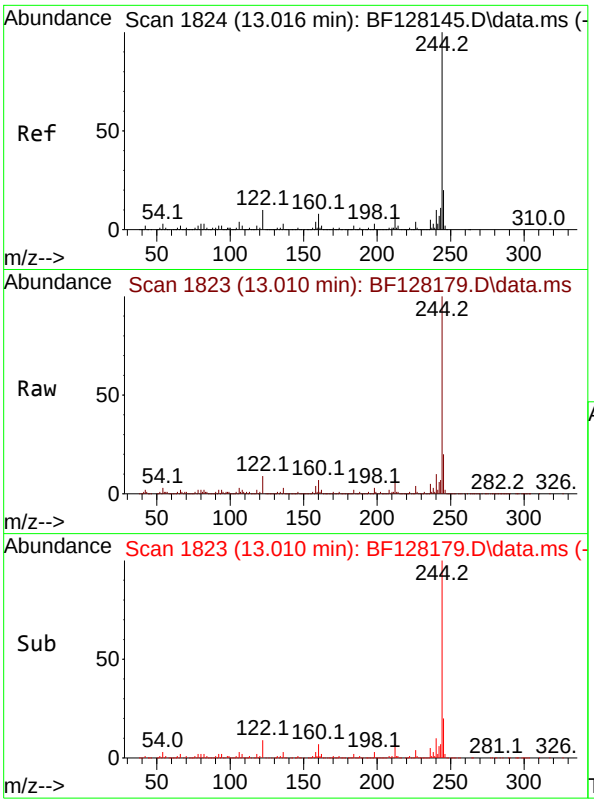


#78
Pyrene
Concen: 27.900 ng
RT: 12.874 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Tgt Ion:202 Resp: 338698

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.5	14.0	21.0



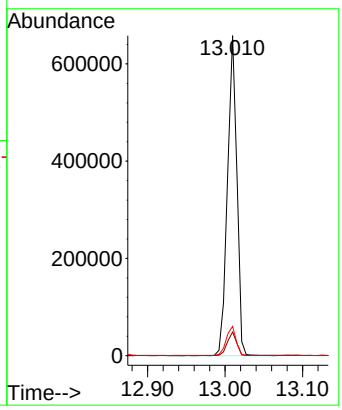


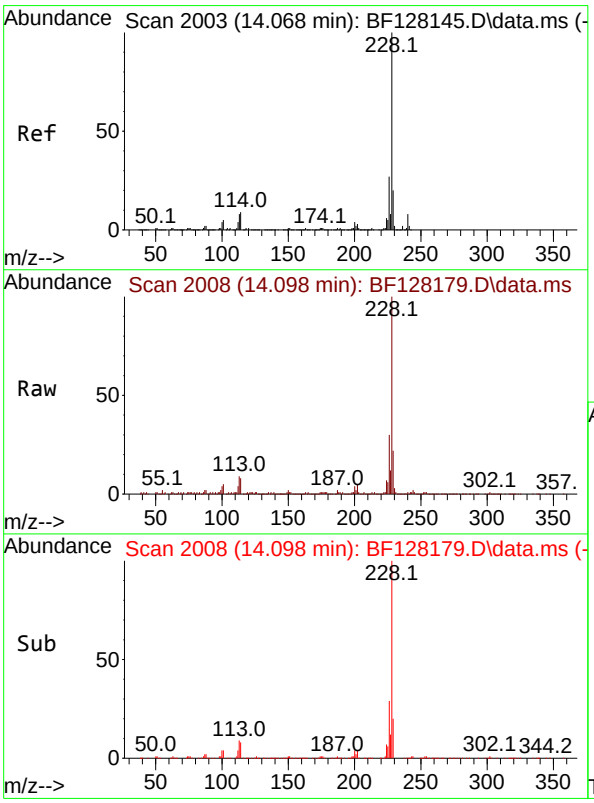
#79
Terphenyl-d14
Concen: 62.166 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:244 Resp: 554676

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.4
122	9.2	8.6	12.8

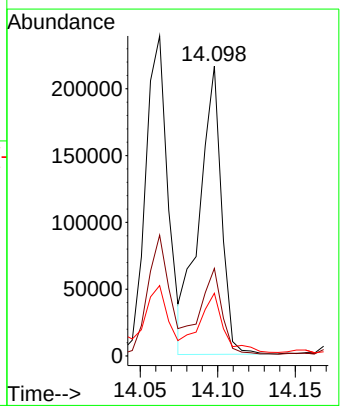


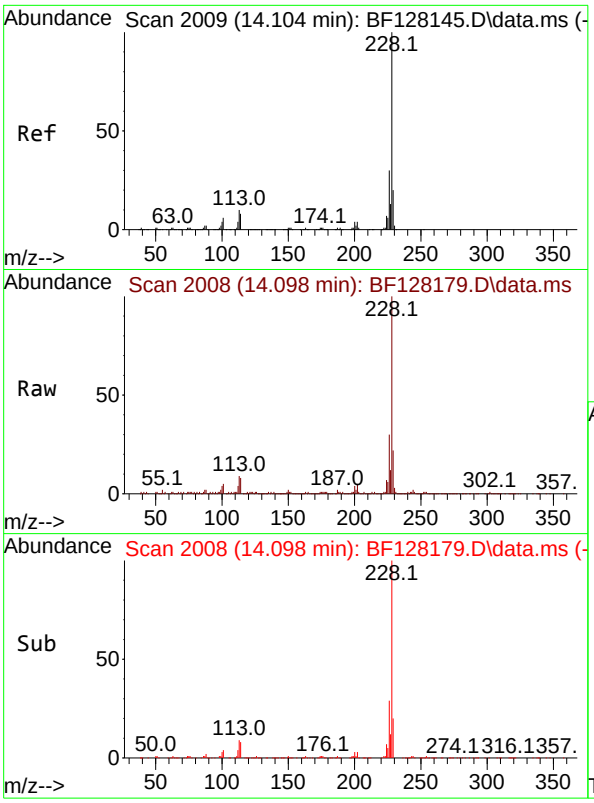


#81
Benzo(a)anthracene
Concen: 20.145 ng
RT: 14.098 min Scan# 2008
Delta R.T. 0.029 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Tgt Ion:228 Resp: 215432

Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.7	32.5
229	21.6	15.4	23.2



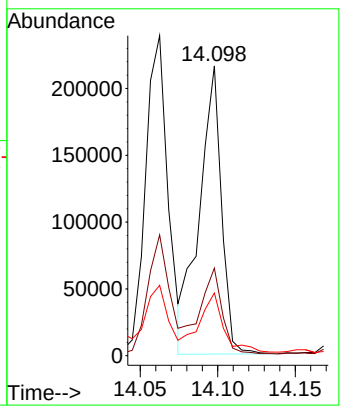


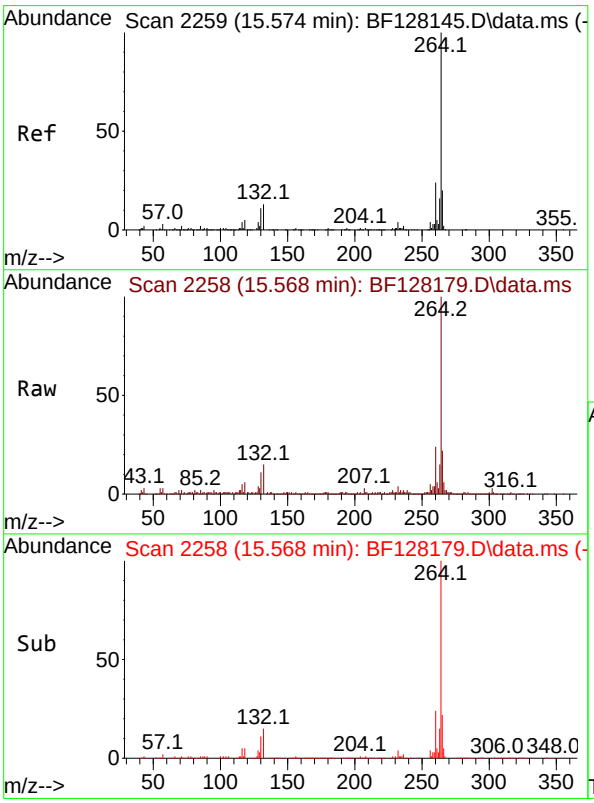
#83
Chrysene
Concen: 21.113 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:228 Resp: 215432

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	21.6	15.8	23.8

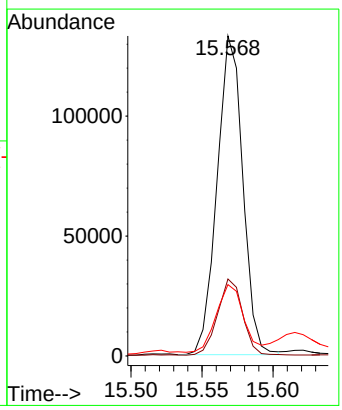


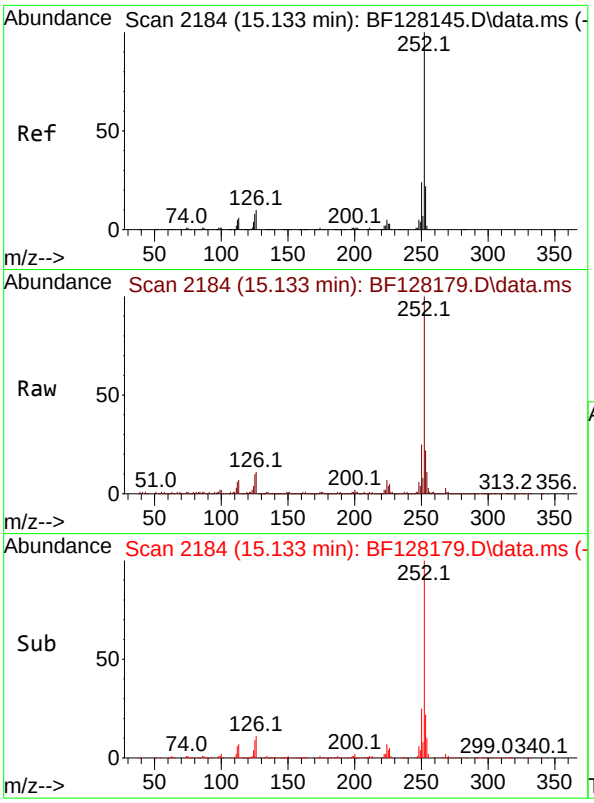


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Tgt Ion:264 Resp: 167194

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.1	30.1
265	22.3	17.5	26.3



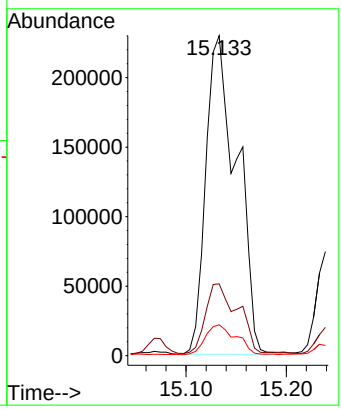


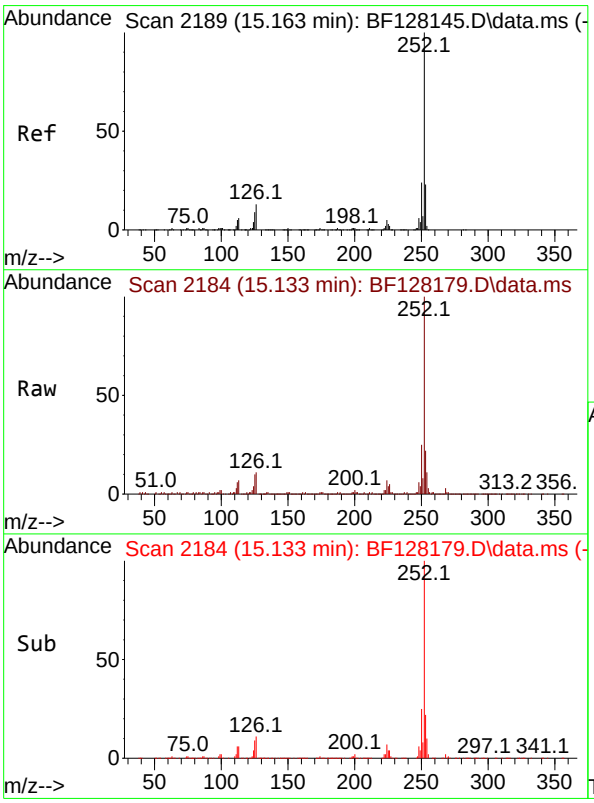
#88
Benzo(b)fluoranthene
Concen: 47.459 ng
RT: 15.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:252 Resp: 491875

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	9.6	7.4	11.2

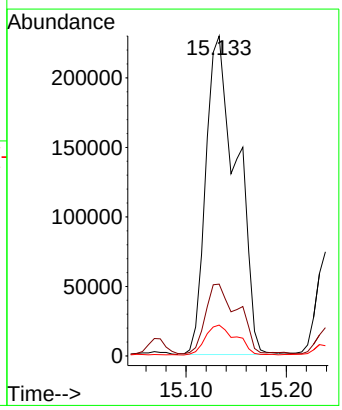


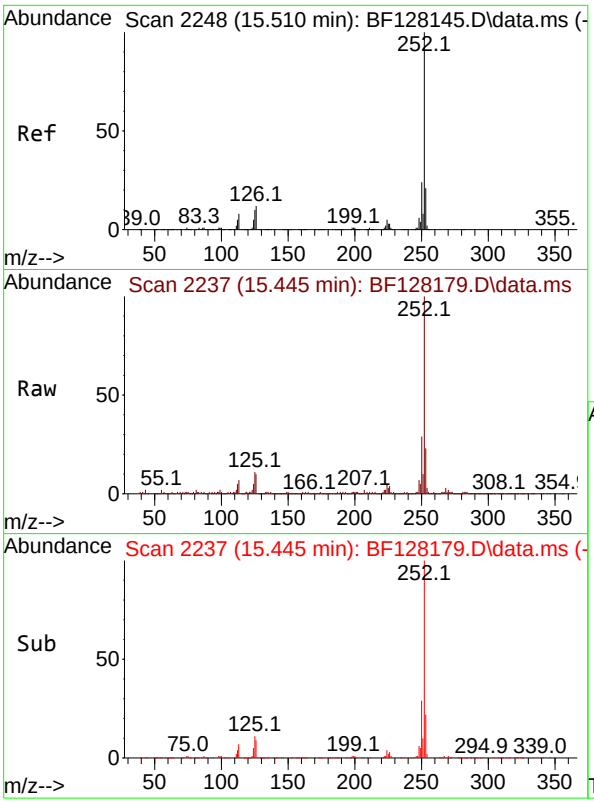


#89
Benzo(k)fluoranthene
Concen: 48.078 ng
RT: 15.133 min Scan# 2184
Delta R.T. -0.030 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Tgt Ion:252 Resp: 491875

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.4
125	9.6	6.8	10.2



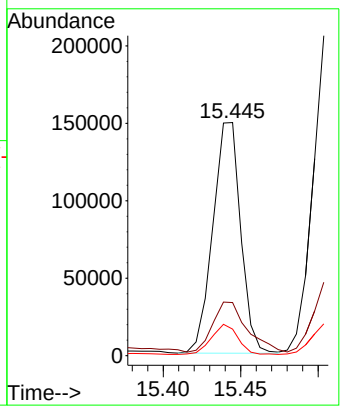


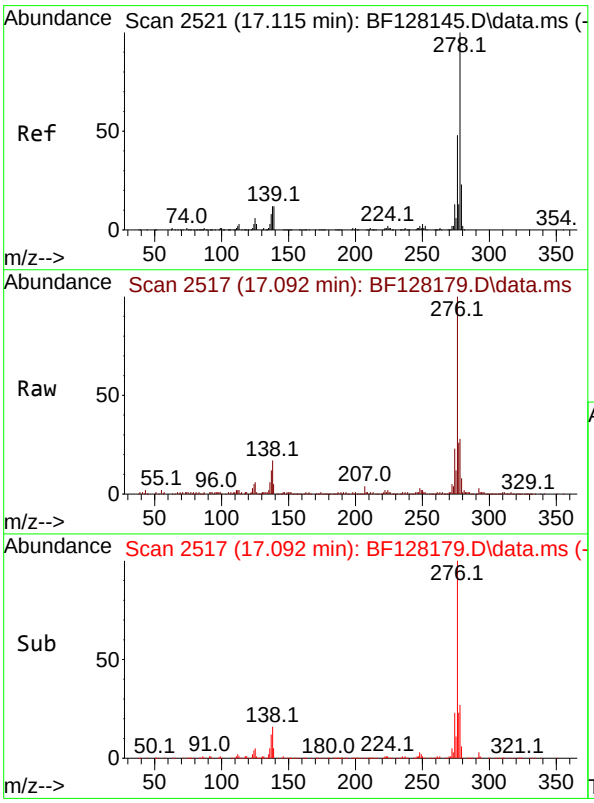
#90
Benzo(a)pyrene
Concen: 22.238 ng
RT: 15.445 min Scan# 2
Delta R.T. -0.065 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:252 Resp: 186068

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	11.4	9.2	13.8

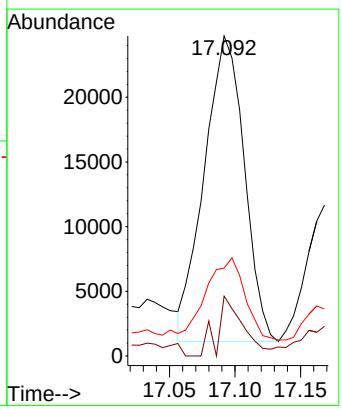


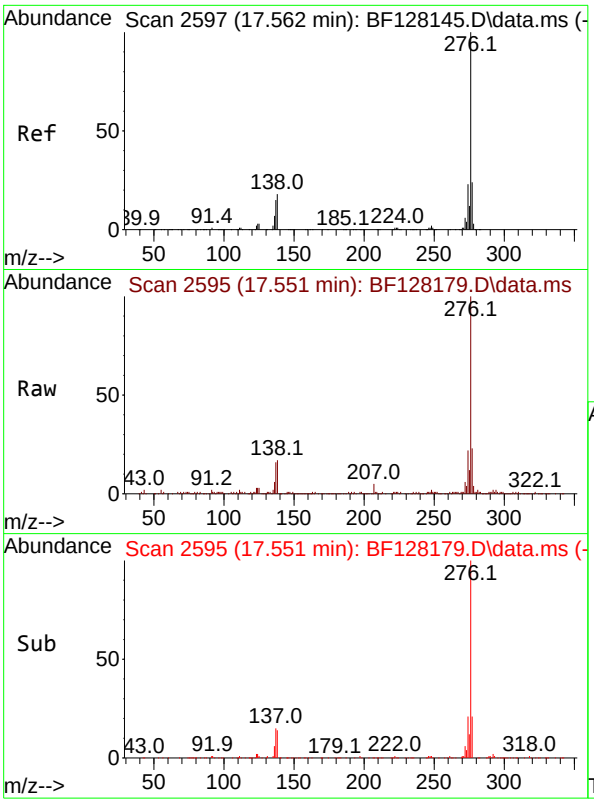


#91
Dibenzo(a,h)anthracene
Concen: 6.137 ng
RT: 17.092 min Scan# 2517
Delta R.T. -0.024 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Tgt Ion:278 Resp: 50249

Ion	Ratio	Lower	Upper
278	100		
139	18.7	12.6	19.0
279	27.4	18.9	28.3





#92
Benzo(g,h,i)perylene
Concen: 18.054 ng
RT: 17.551 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF128179.D
Acq: 11 May 2022 00:19

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:276 Resp: 149677

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	17.0	16.2	24.2