Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
Data File : BF128211.D
Acq On : 11 May 2022 23:10
Operator : CG\JU
Sample : N2759-01DL 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-050922DL

Quant Time: May 12 06:01:52 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	76312	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	269527	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	131447	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	200804	20.000	ng	0.00
76) Chrysene-d12	14.074	240	164694	20.000	ng	0.00
86) Perylene-d12	15.574	264	129177	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	209624	43.790	ng	0.00
7) Phenol-d6	6.516	99	267259	42.210	ng	-0.01
23) Nitrobenzene-d5	7.451	82	186115	31.071	ng	-0.01
42) 2,4,6-Tribromophenol	10.721	330	55141	36.577	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	296096	35.246	ng	-0.01
79) Terphenyl-d14	13.010	244	262106	29.863	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.457	77	325	Below Cal	#	73
19) n-Nitroso-di-n-propyla...	7.451	70	25226	6.470	ng	# 80
25) Isophorone	7.451	82	186043	19.811	ng	# 68
49) Acenaphthylene	9.792	152	23528	2.193	ng	97
51) 2,6-Dinitrotoluene	9.933	165	18389	9.883	ng	# 22
71) Phenanthrene	11.451	178	160106	16.013	ng	99
72) Anthracene	11.498	178	56184	5.628	ng	99
75) Fluoranthene	12.645	202	463913	42.795	ng	96
78) Pyrene	12.874	202	442990	37.096	ng	99
81) Benzo(a)anthracene	14.062	228	262476	24.951	ng	97
83) Chrysene	14.098	228	234182	23.331	ng	97
87) Indeno(1,2,3-cd)pyrene	17.098	276	99858	12.779	ng	# 94
88) Benzo(b)fluoranthene	15.133	252	368385	46.004	ng	98
89) Benzo(k)fluoranthene	15.133	252	368385	46.604	ng	96
90) Benzo(a)pyrene	15.509	252	186292	28.817	ng	96
91) Dibenzo(a,h)anthracene	17.103	278	27623	4.366	ng	# 84
92) Benzo(g,h,i)perylene	17.562	276	96629	15.085	ng	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
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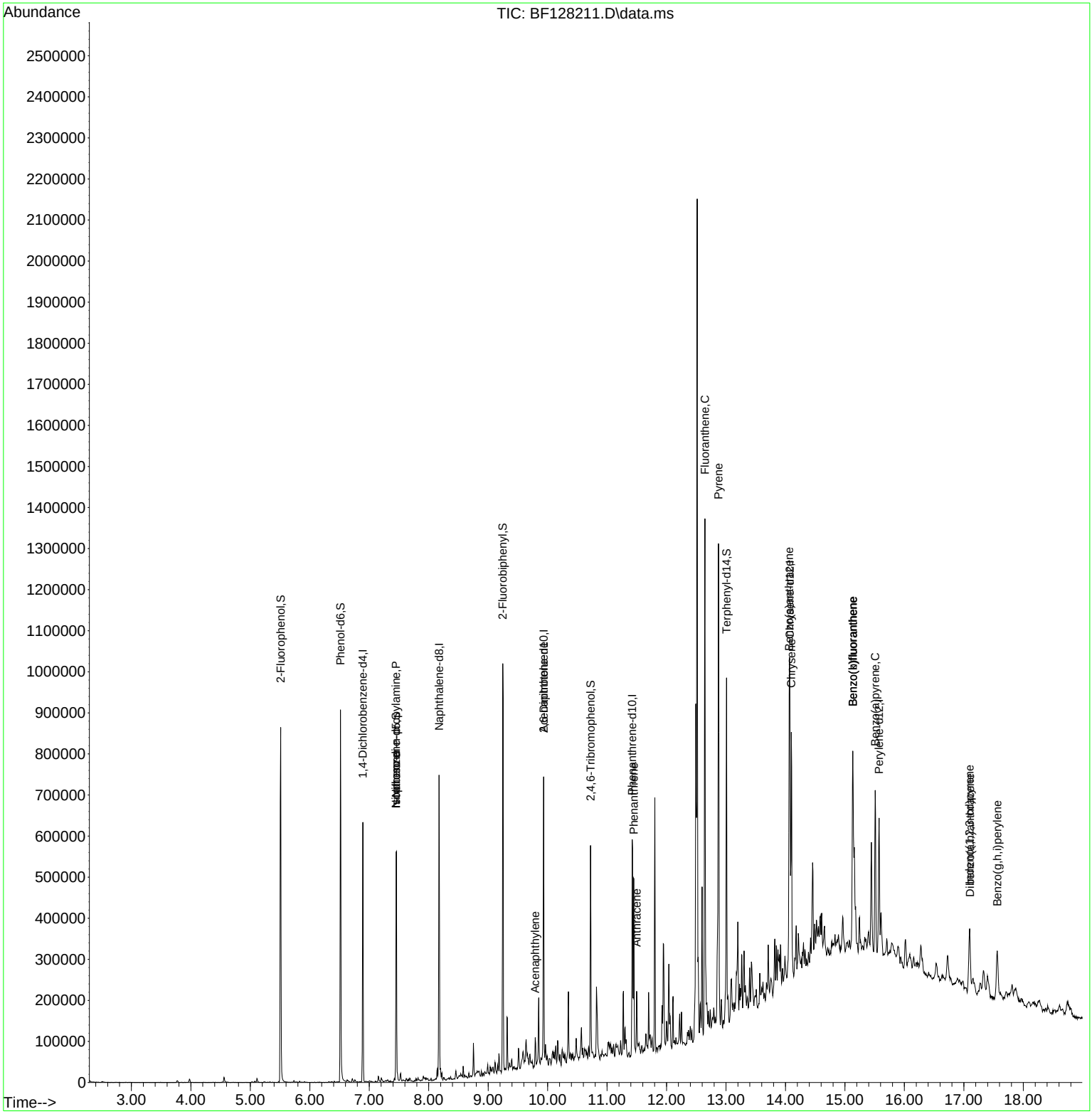
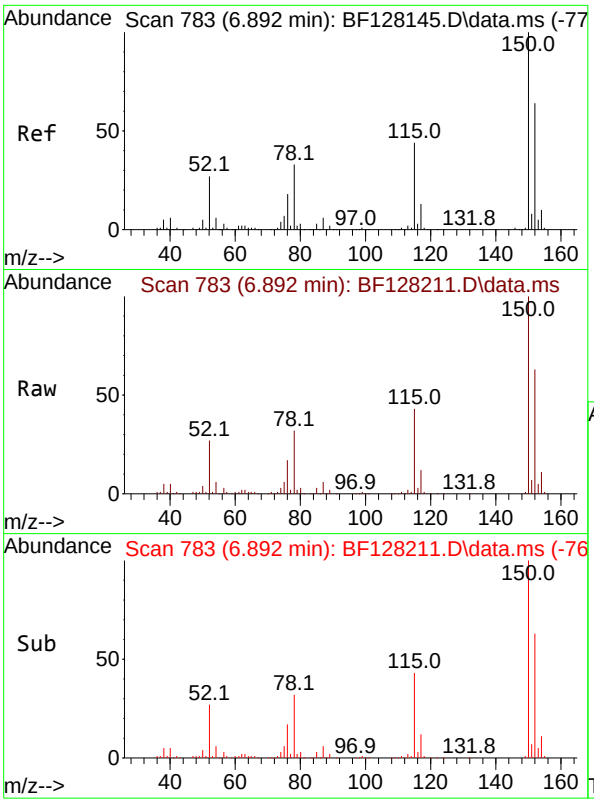
PL-02-050922DL

Quant Time: May 12 06:01:52 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



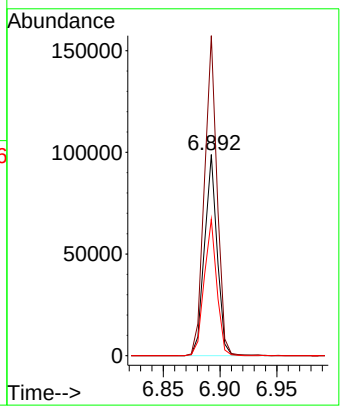


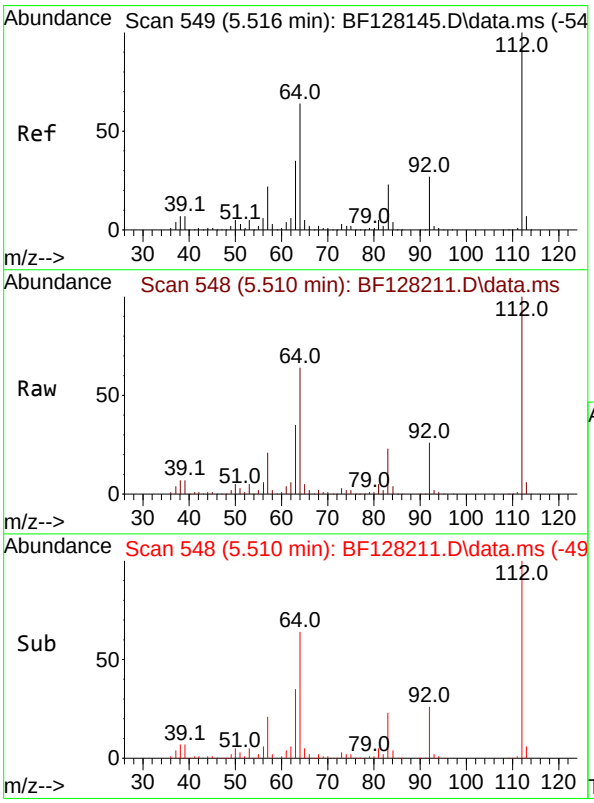
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Instrument :
BNA_F
ClientSampleId :
PL-02-050922DL

Tgt Ion:152 Resp: 76312

Ion	Ratio	Lower	Upper
152	100		
150	159.1	125.3	187.9
115	67.9	48.8	73.2

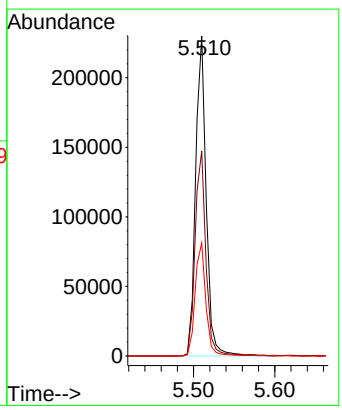


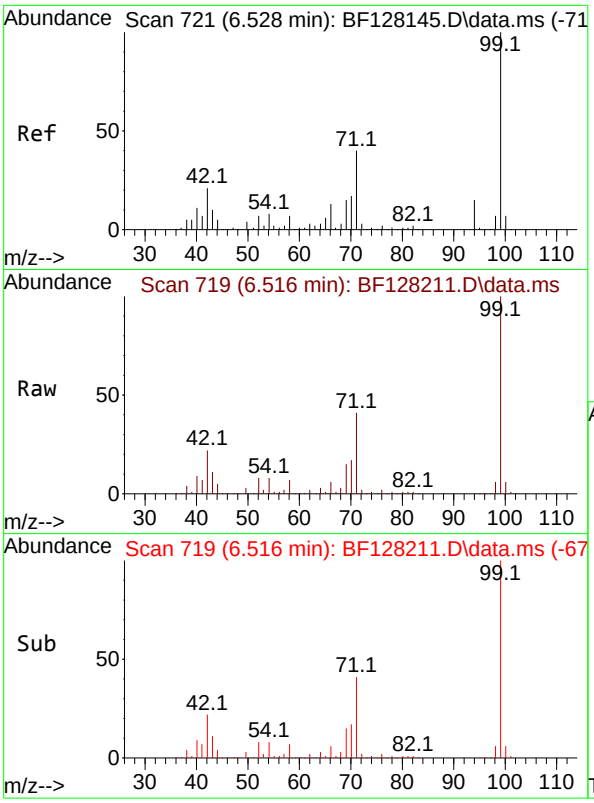


#5
2-Fluorophenol
Concen: 43.790 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.006 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Tgt Ion:112 Resp: 209624

Ion	Ratio	Lower	Upper
112	100		
64	64.1	49.5	74.3
63	35.3	26.3	39.5



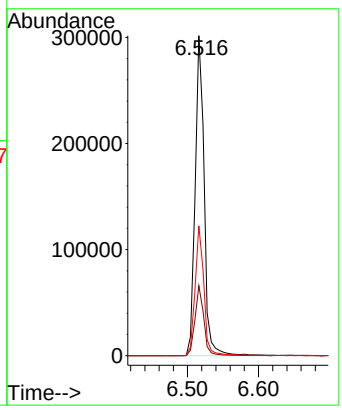


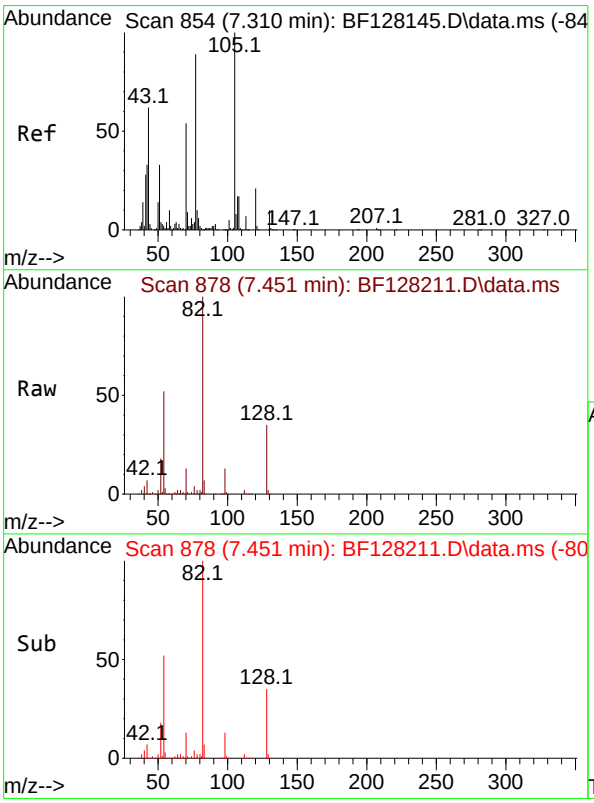
#7
Phenol-d6
Concen: 42.210 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Instrument :
BNA_F
ClientSampleId :
PL-02-050922DL

Tgt Ion: 99 Resp: 267259

Ion	Ratio	Lower	Upper
99	100		
42	21.9	16.6	24.8
71	40.6	30.0	45.0

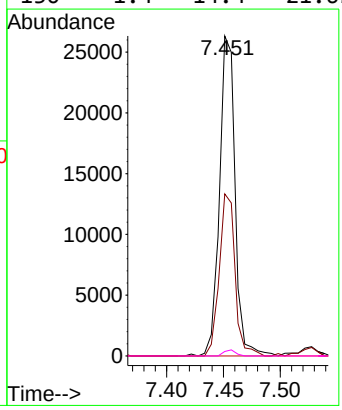


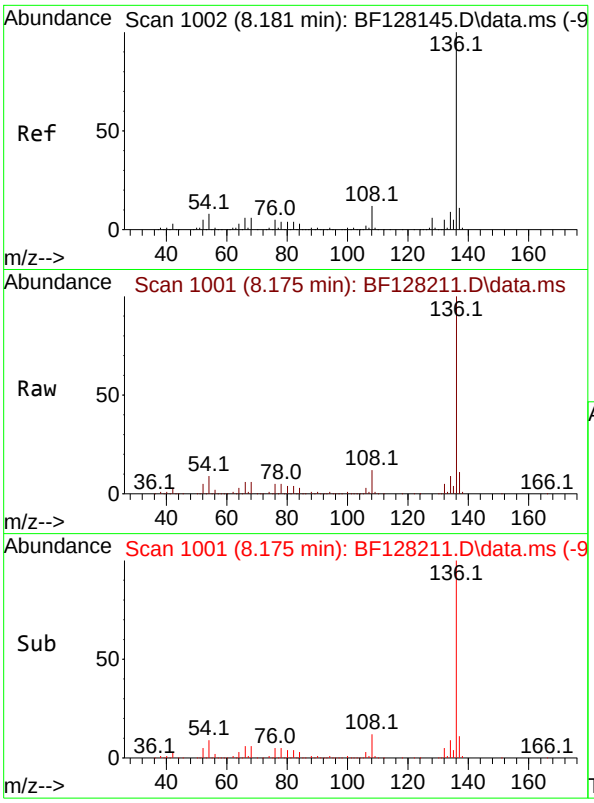


#19
n-Nitroso-di-n-propylamine
Concen: 6.470 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.141 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Tgt Ion: 70 Resp: 25226

Ion	Ratio	Lower	Upper
70	100		
42	50.6	48.7	73.1
101	0.0	7.2	10.8#
130	1.4	14.4	21.6#



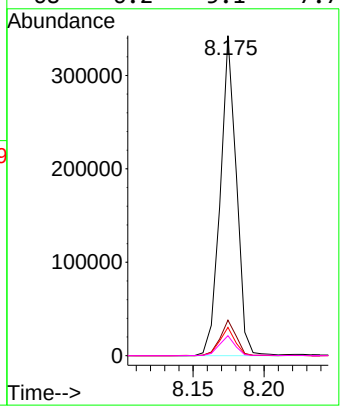


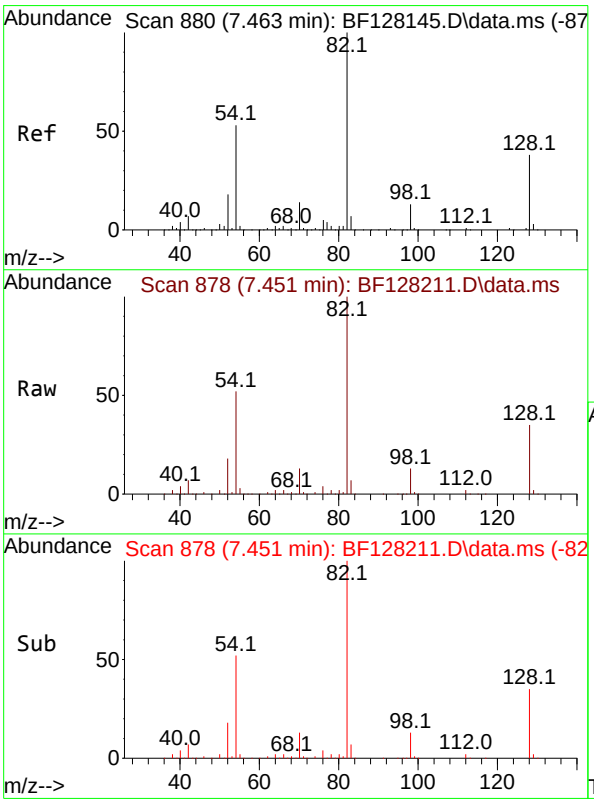
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Instrument :
BNA_F
ClientSampleId :
PL-02-050922DL

Tgt Ion:136 Resp: 269527

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.9	6.8	10.2
68	6.2	5.1	7.7

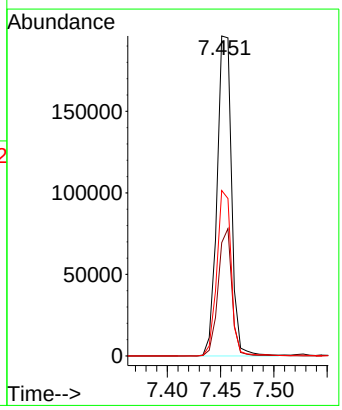


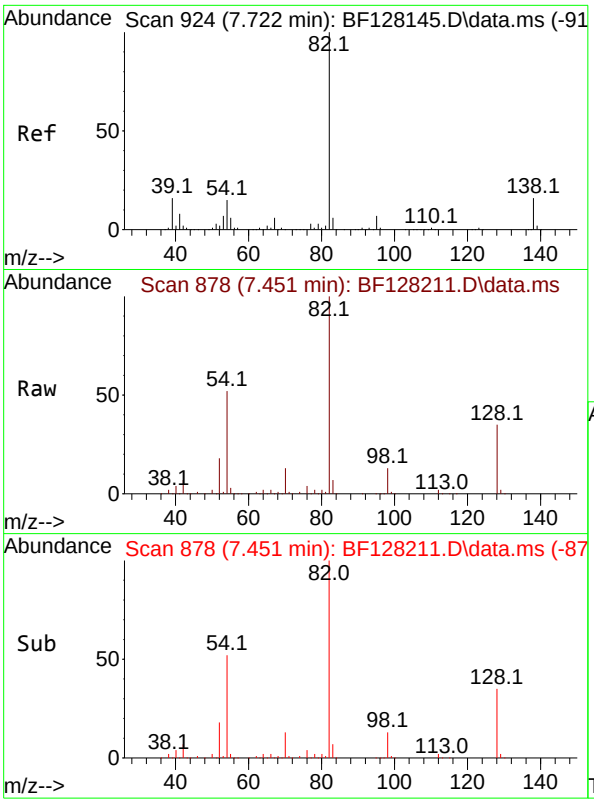


#23
Nitrobenzene-d5
Concen: 31.071 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Tgt Ion: 82 Resp: 186115

Ion	Ratio	Lower	Upper
82	100		
128	35.4	30.0	45.0
54	51.7	41.3	61.9



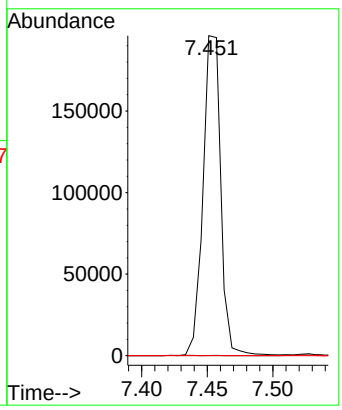


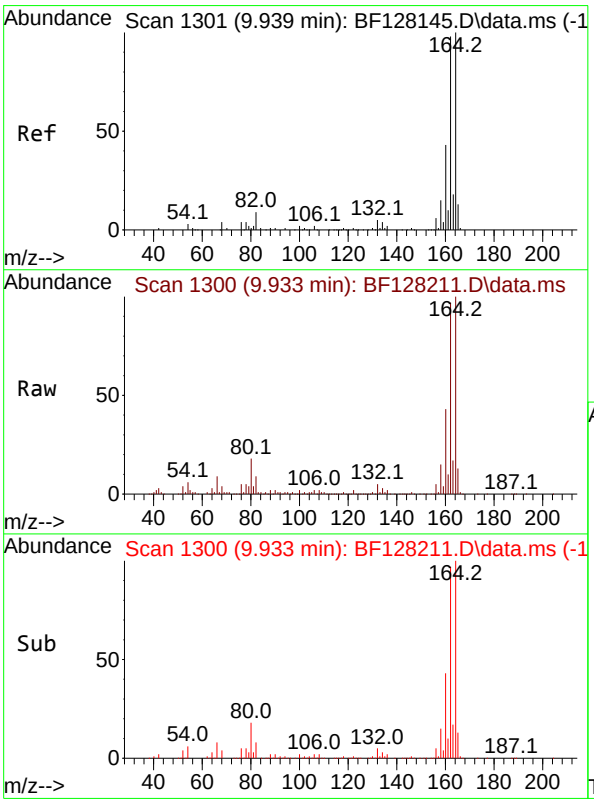
#25
Isophorone
Concen: 19.811 ng
RT: 7.451 min Scan# 8
Delta R.T. -0.271 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Instrument :
BNA_F
ClientSampleId :
PL-02-050922DL

Tgt Ion: 82 Resp: 186043

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

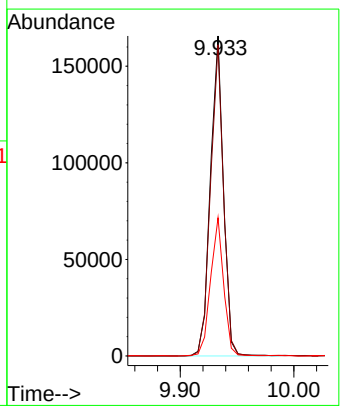


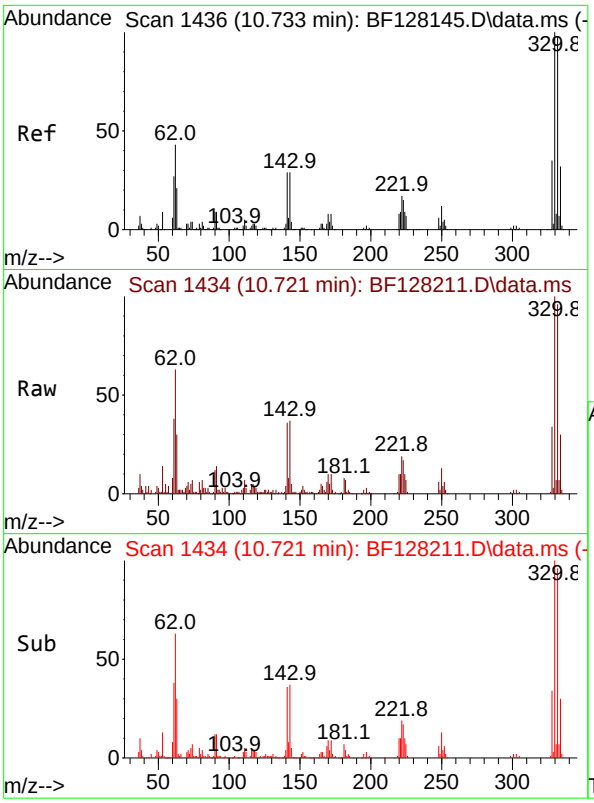


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Tgt Ion:164 Resp: 131447

Ion	Ratio	Lower	Upper
164	100		
162	97.3	76.0	114.0
160	43.2	34.8	52.2



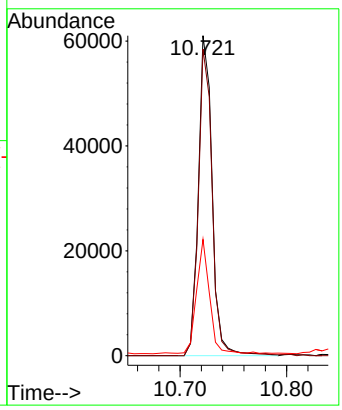


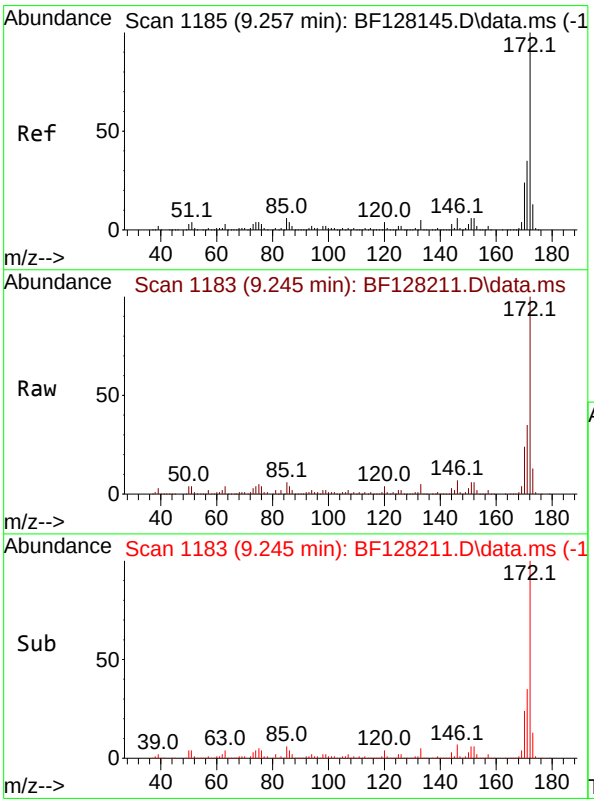
#42
2,4,6-Tribromophenol
Concen: 36.577 ng
RT: 10.721 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Instrument :
BNA_F
ClientSampleId :
PL-02-050922DL

Tgt Ion:330 Resp: 55141

Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	32.7	28.9	43.3

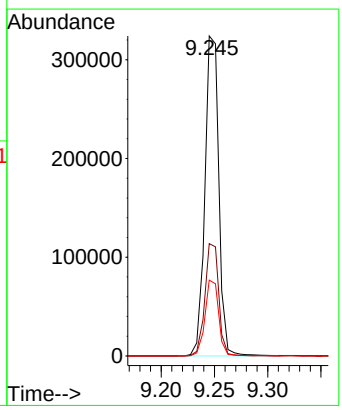


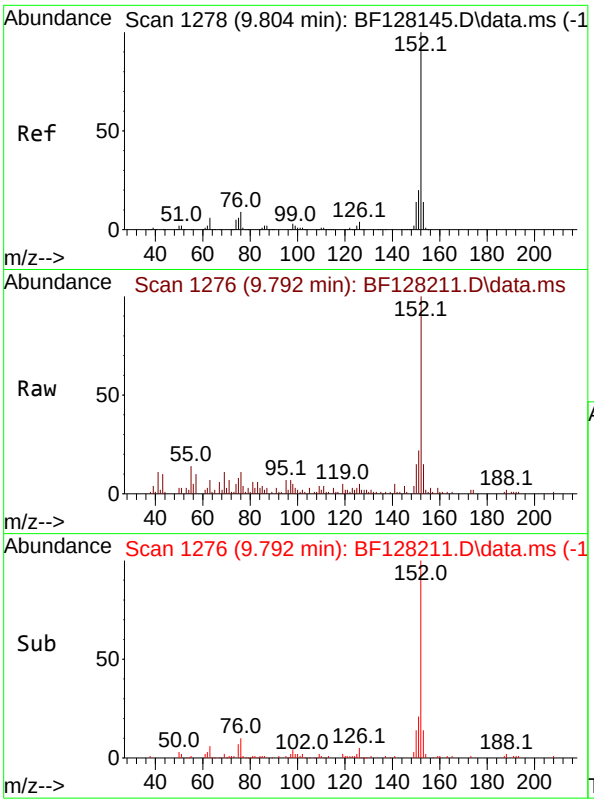


#45
2-Fluorobiphenyl
Concen: 35.246 ng
RT: 9.245 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Tgt Ion:172 Resp: 296096

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.7	19.1	28.7



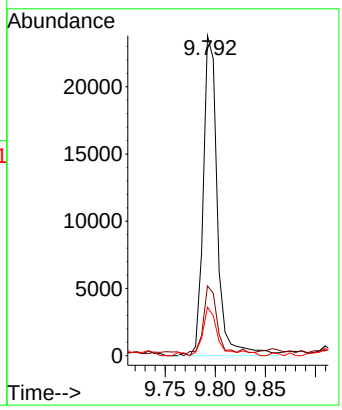


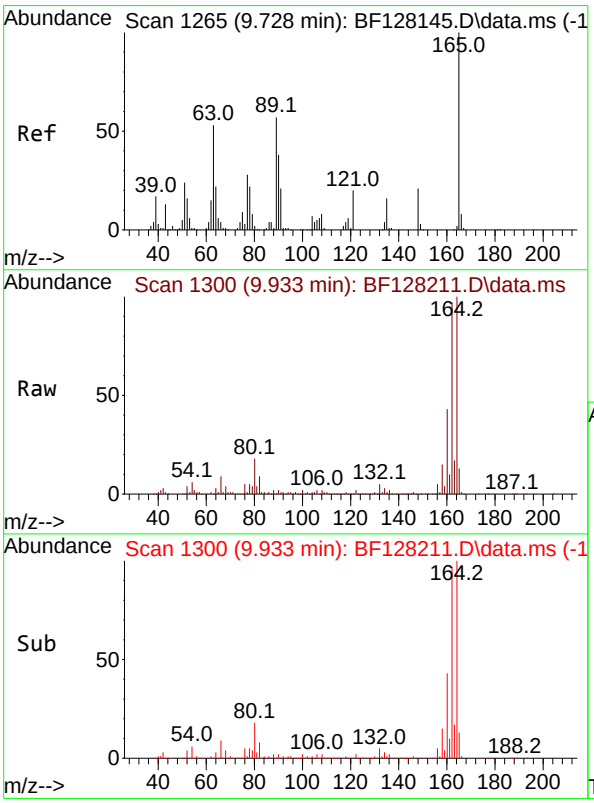
#49
Acenaphthylene
Concen: 2.193 ng
RT: 9.792 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Instrument :
BNA_F
ClientSampleId :
PL-02-050922DL

Tgt Ion:152 Resp: 23528

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.2	24.2
153	15.2	11.2	16.8

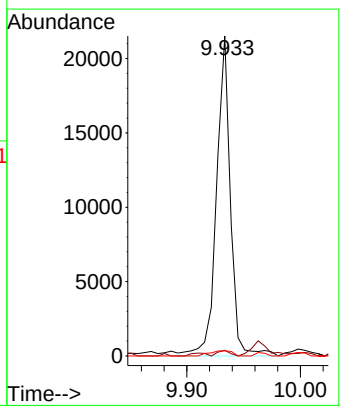


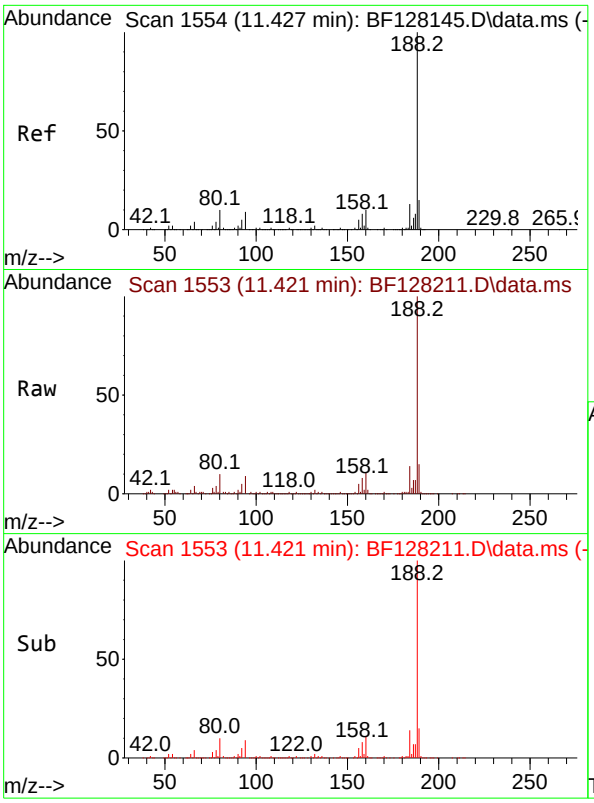


#51
2,6-Dinitrotoluene
Concen: 9.883 ng
RT: 9.933 min Scan# 1300
Delta R.T. 0.206 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Tgt Ion:165 Resp: 18389

Ion	Ratio	Lower	Upper
165	100		
63	1.7	49.5	74.3#
89	1.6	49.0	73.4#



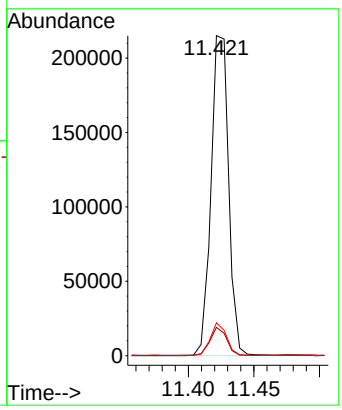


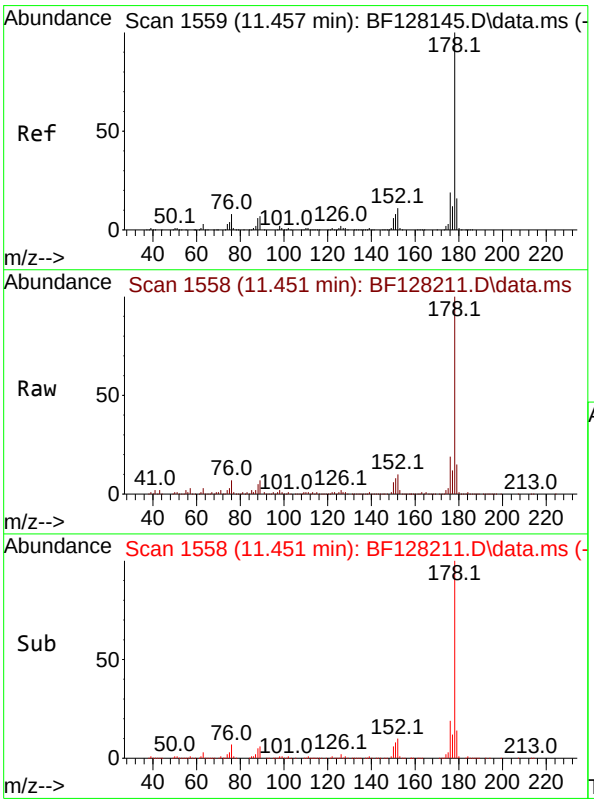
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Instrument :
BNA_F
ClientSampleId :
PL-02-050922DL

Tgt Ion:188 Resp: 200804

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.0	12.0
80	10.3	8.9	13.3

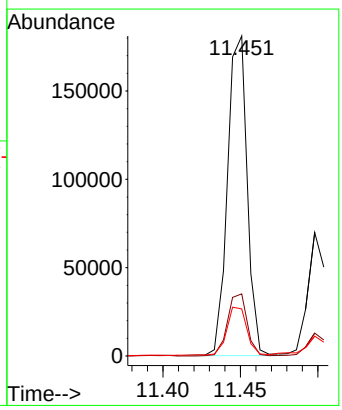


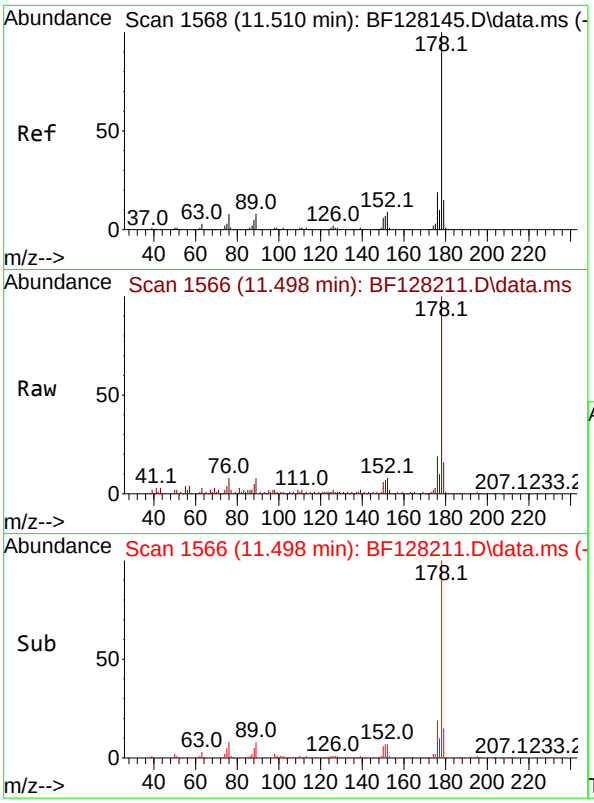


#71
Phenanthrene
Concen: 16.013 ng
RT: 11.451 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Tgt Ion:178 Resp: 160106

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	14.7	12.6	19.0



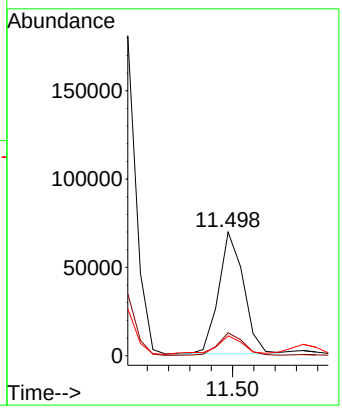


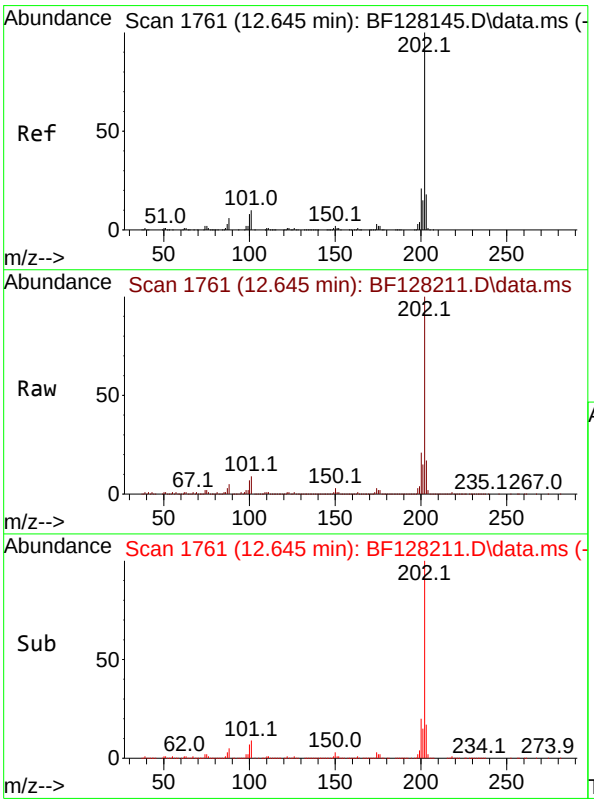
#72
Anthracene
Concen: 5.628 ng
RT: 11.498 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Instrument :
BNA_F
ClientSampleId :
PL-02-050922DL

Tgt Ion:178 Resp: 56184

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	16.1	12.4	18.6

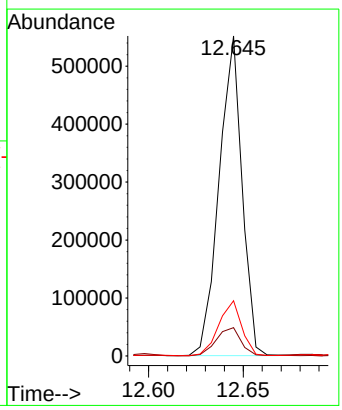


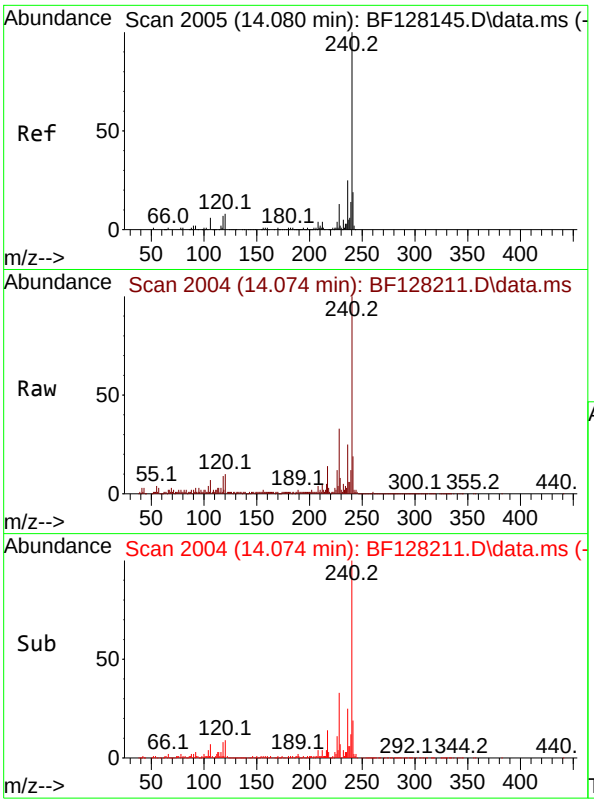


#75
Fluoranthene
Concen: 42.795 ng
RT: 12.645 min Scan# 1761
Delta R.T. -0.000 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Tgt Ion:202 Resp: 463913

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	31.6
203	17.3	0.0	38.1



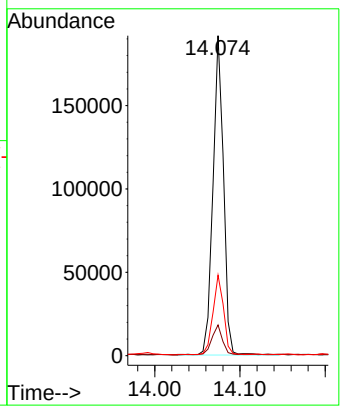


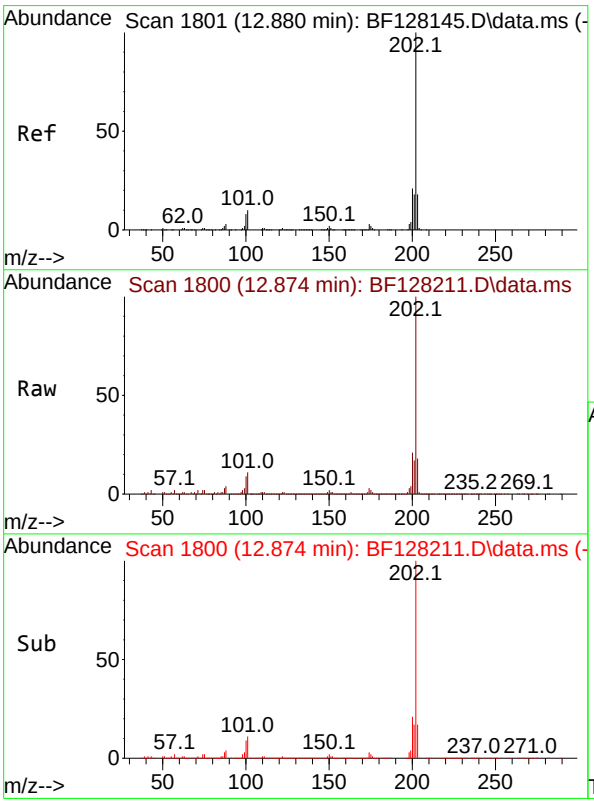
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Instrument :
BNA_F
ClientSampleId :
PL-02-050922DL

Tgt Ion:240 Resp: 164694

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.0	10.6
236	25.1	20.3	30.5

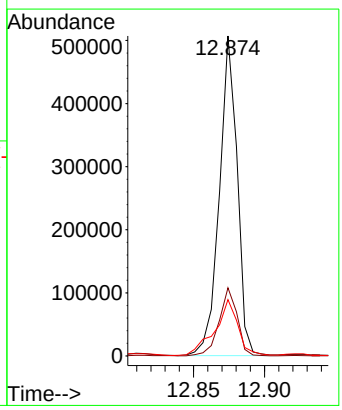


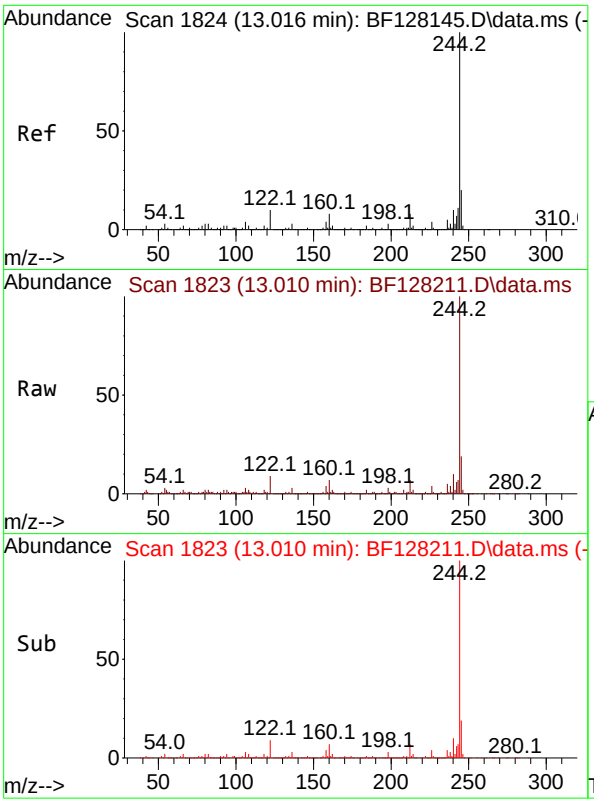


#78
Pyrene
Concen: 37.096 ng
RT: 12.874 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Tgt Ion:202 Resp: 442990

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.6	14.0	21.0



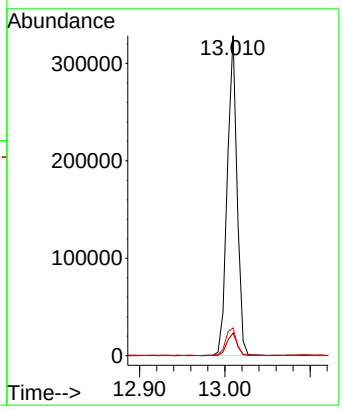


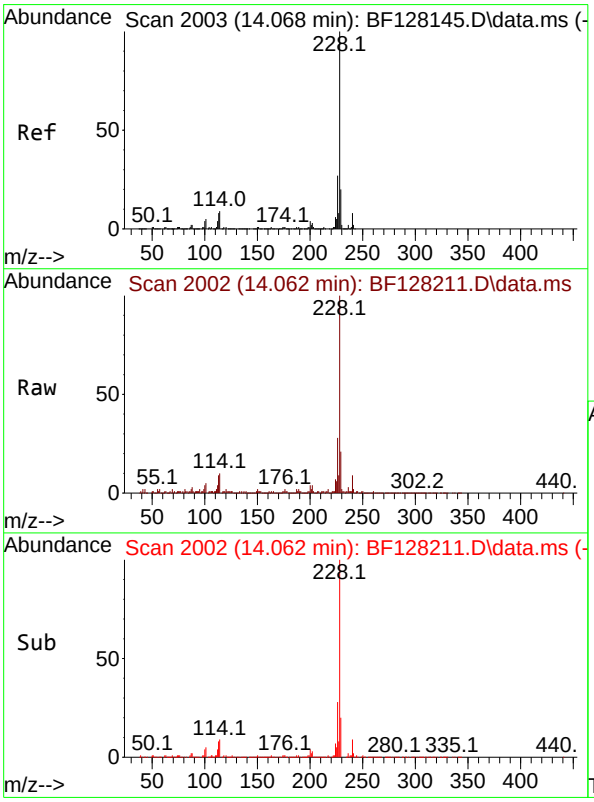
#79
Terphenyl-d14
Concen: 29.863 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Instrument :
BNA_F
ClientSampleId :
PL-02-050922DL

Tgt Ion:244 Resp: 262106

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.4
122	8.6	8.6	12.8

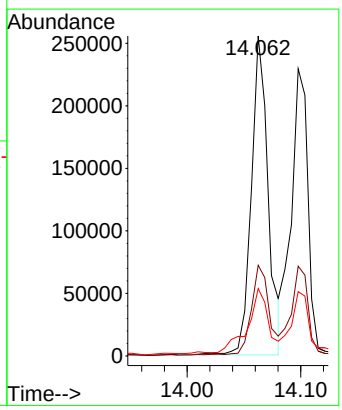


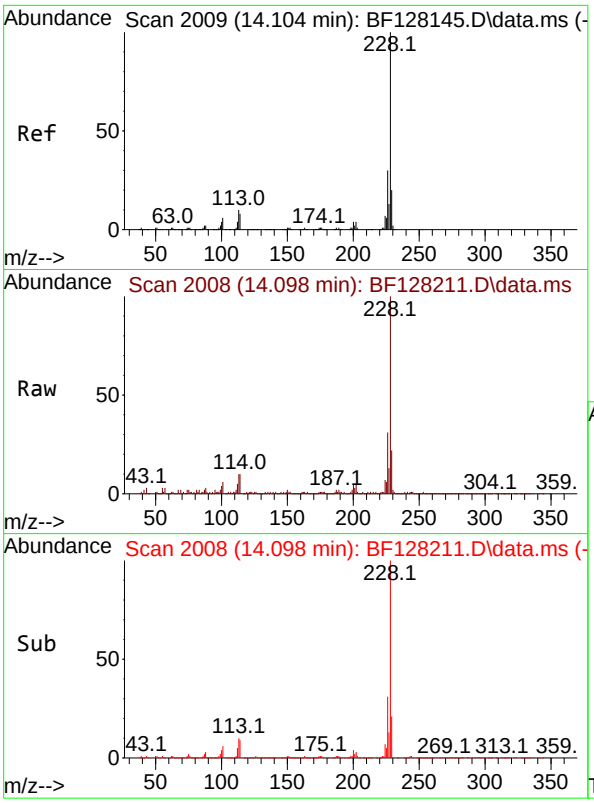


#81
Benzo(a)anthracene
Concen: 24.951 ng
RT: 14.062 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Tgt Ion:228 Resp: 262476

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.7	32.5
229	21.1	15.4	23.2



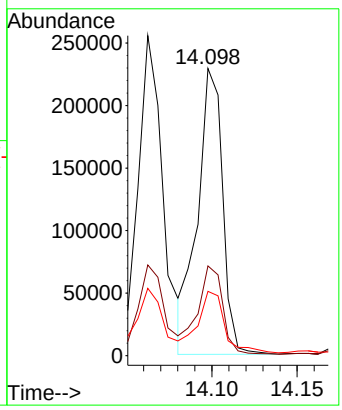


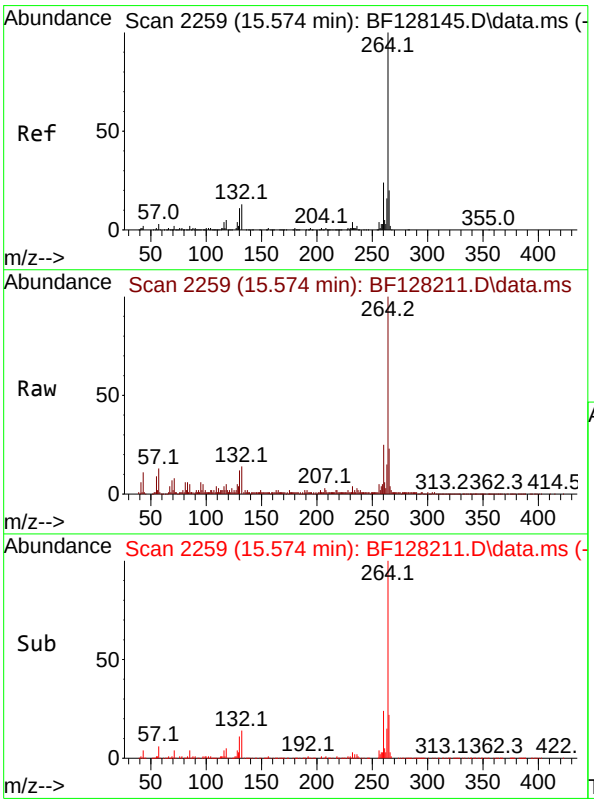
#83
Chrysene
Concen: 23.331 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Instrument :
BNA_F
ClientSampleId :
PL-02-050922DL

Tgt Ion:228 Resp: 234182

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	22.4	15.8	23.8

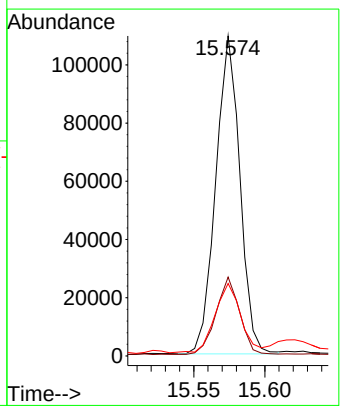


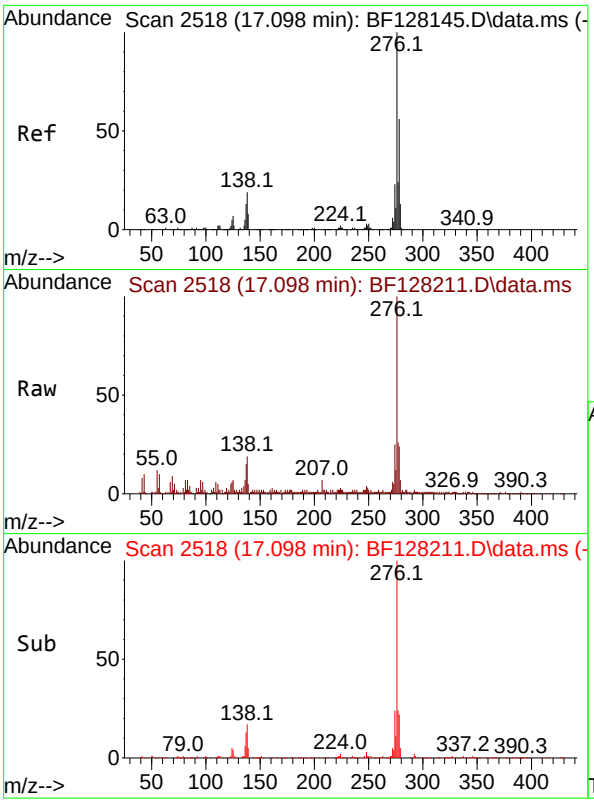


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2259
Delta R.T. -0.000 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Tgt Ion:264 Resp: 129177

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	22.7	17.5	26.3



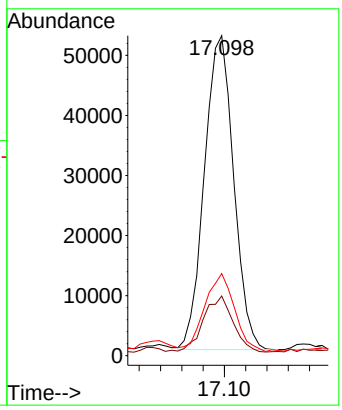


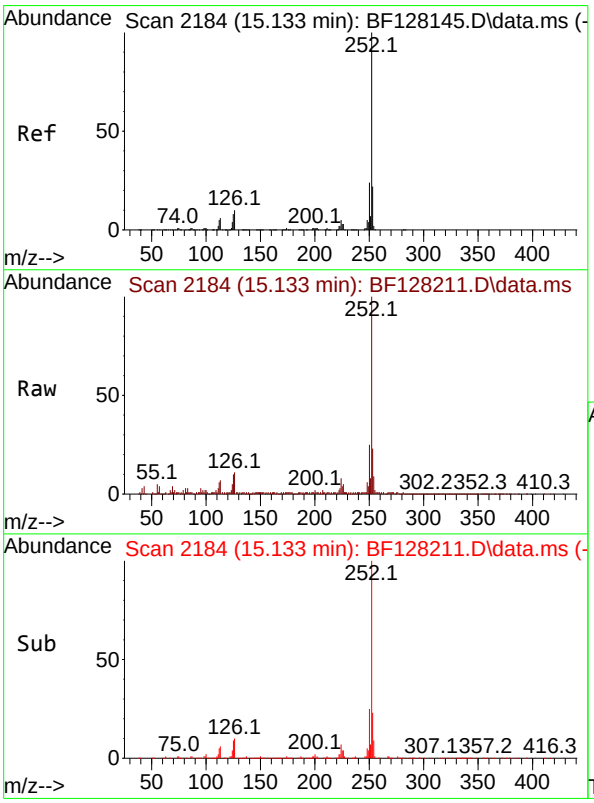
#87
Indeno(1,2,3-cd)pyrene
Concen: 12.779 ng
RT: 17.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Instrument :
BNA_F
ClientSampleId :
PL-02-050922DL

Tgt Ion:276 Resp: 99858

Ion	Ratio	Lower	Upper
276	100		
138	17.9	19.0	28.4#
277	24.6	20.1	30.1

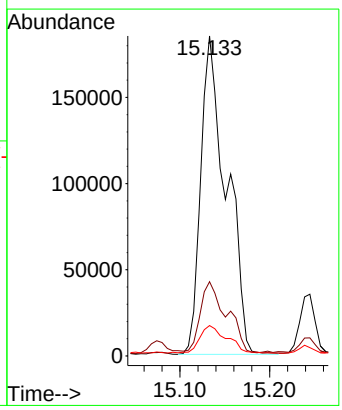


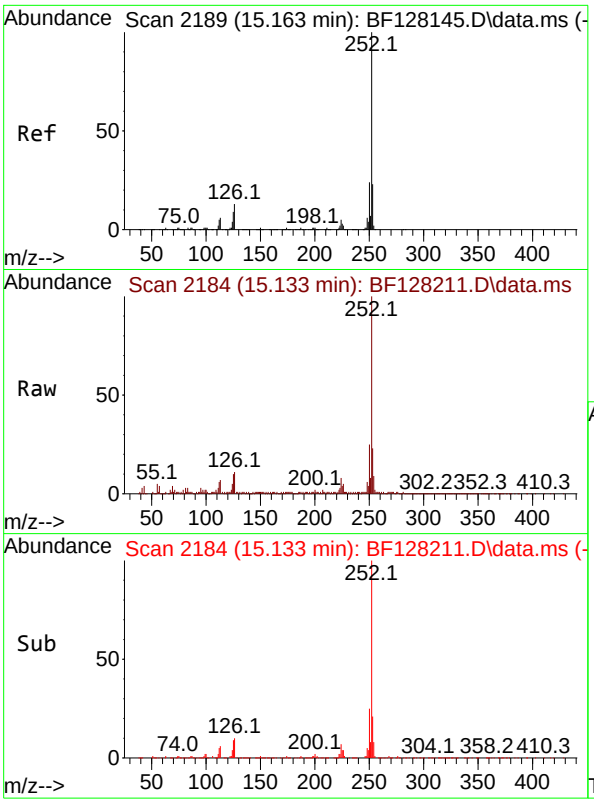


#88
Benzo(b)fluoranthene
Concen: 46.004 ng
RT: 15.133 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Tgt Ion:252 Resp: 368385

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	9.5	7.4	11.2



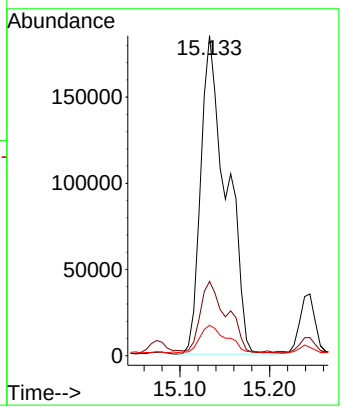


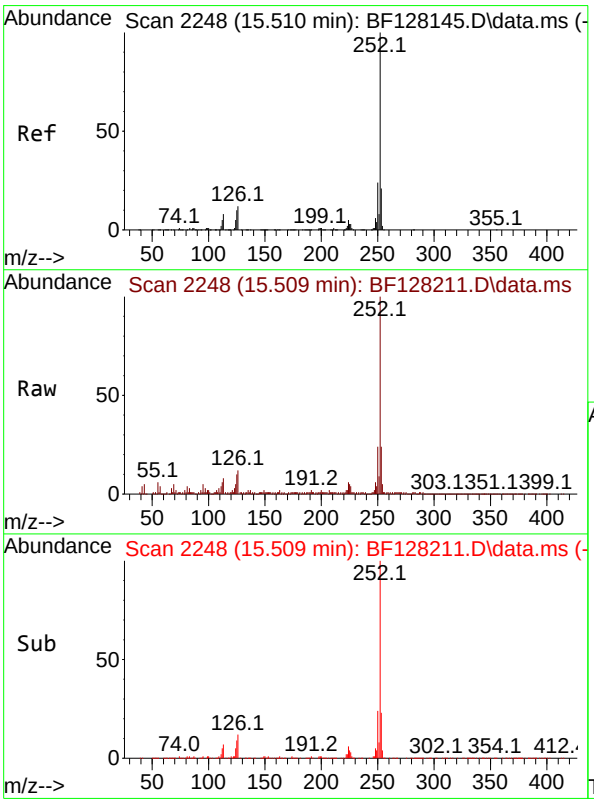
#89
Benzo(k)fluoranthene
Concen: 46.604 ng
RT: 15.133 min Scan# 21
Delta R.T. -0.030 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Instrument :
BNA_F
ClientSampleId :
PL-02-050922DL

Tgt Ion:252 Resp: 368385

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.4
125	9.5	6.8	10.2

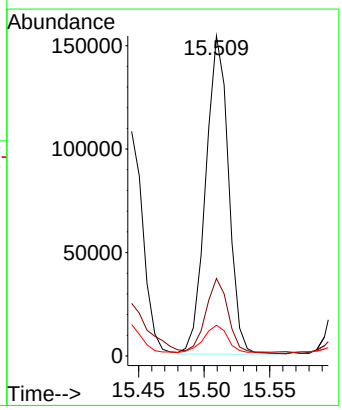


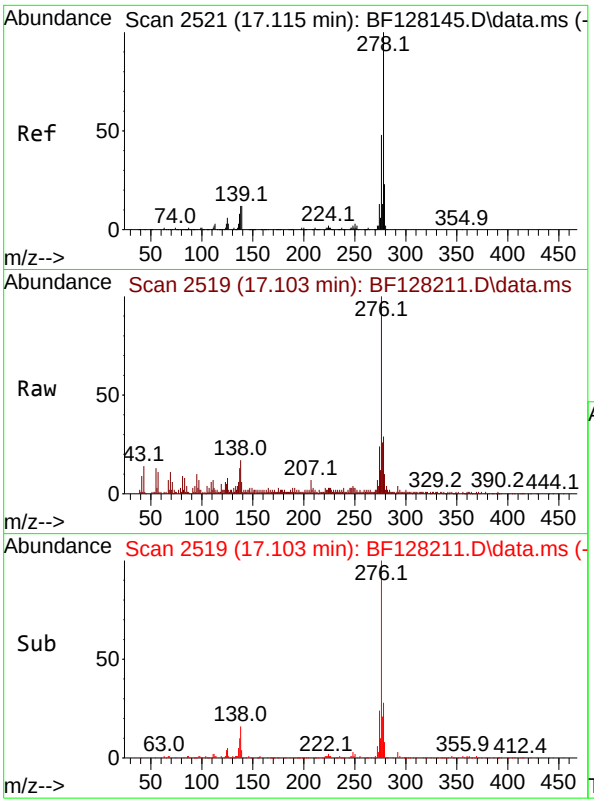


#90
Benzo(a)pyrene
Concen: 28.817 ng
RT: 15.509 min Scan# 2248
Delta R.T. -0.000 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Tgt Ion:252 Resp: 186292

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.6
125	9.6	9.2	13.8



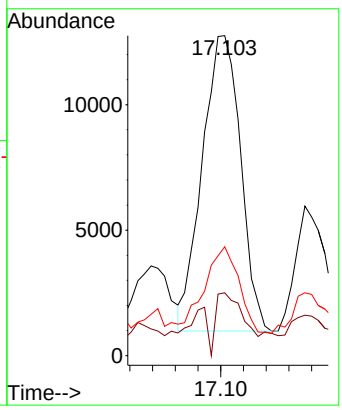


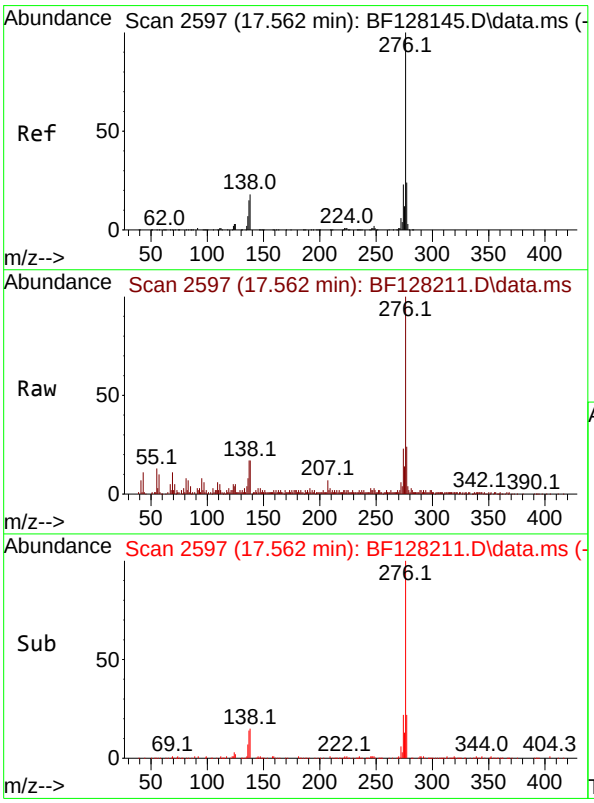
#91
Dibenzo(a,h)anthracene
Concen: 4.366 ng
RT: 17.103 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Instrument :
BNA_F
ClientSampleId :
PL-02-050922DL

Tgt Ion:278 Resp: 27623

Ion	Ratio	Lower	Upper
278	100		
139	19.7	12.6	19.0#
279	34.0	18.9	28.3#





#92
Benzo(g,h,i)perylene
Concen: 15.085 ng
RT: 17.562 min Scan# 2597
Delta R.T. -0.000 min
Lab File: BF128211.D
Acq: 11 May 2022 23:10

Tgt Ion:276 Resp: 96629

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	16.8	16.2	24.2