Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128178.D
Acq On : 10 May 2022 23:50
Operator : CG\JU
Sample : N2749-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Time: May 11 04:02:32 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	76679	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	289700	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	159154	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	255673	20.000	ng		0.00
76) Chrysene-d12	14.074	240	160979	20.000	ng		0.00
86) Perylene-d12	15.574	264	160429	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	521990	108.520	ng		0.00
7) Phenol-d6	6.522	99	683715	107.467	ng		0.00
23) Nitrobenzene-d5	7.457	82	489702	76.061	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	178616	97.856	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	725783	71.354	ng		0.00
79) Terphenyl-d14	13.010	244	566669	66.053	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.445	77	2915	Below Cal		#	1
19) n-Nitroso-di-n-propyla...	7.457	70	67889	17.328	ng	#	79
25) Isophorone	7.457	82	488895	48.436	ng	#	68
31) Naphthalene	8.192	128	86188	6.024	ng		98
37) 2-Methylnaphthalene	8.886	142	27069	2.806	ng		100
38) 1-Methylnaphthalene	8.986	142	19053	2.057	ng		99
49) Acenaphthylene	9.792	152	93611	7.207	ng		100
52) Acenaphthene	9.963	154	19197	2.132	ng		96
58) Fluorene	10.480	166	28401	2.852	ng	#	96
71) Phenanthrene	11.445	178	240494	18.891	ng		100
72) Anthracene	11.498	178	107325	8.444	ng		98
75) Fluoranthene	12.645	202	497826	36.068	ng		96
78) Pyrene	12.874	202	520176	44.565	ng		99
81) Benzo(a)anthracene	14.098	228	285474	27.764	ng		94
83) Chrysene	14.098	228	285474	29.098	ng		98
87) Indeno(1,2,3-cd)pyrene	16.921	276	39393	4.059	ng		95
88) Benzo(b)fluoranthene	15.133	252	568525	57.167	ng		97
89) Benzo(k)fluoranthene	15.133	252	568525	57.913	ng		96
90) Benzo(a)pyrene	15.445	252	220323	27.442	ng		99
91) Dibenzo(a,h)anthracene	16.886	278	33640	4.282	ng		92
92) Benzo(g,h,i)perylene	17.551	276	186991	23.506	ng		97

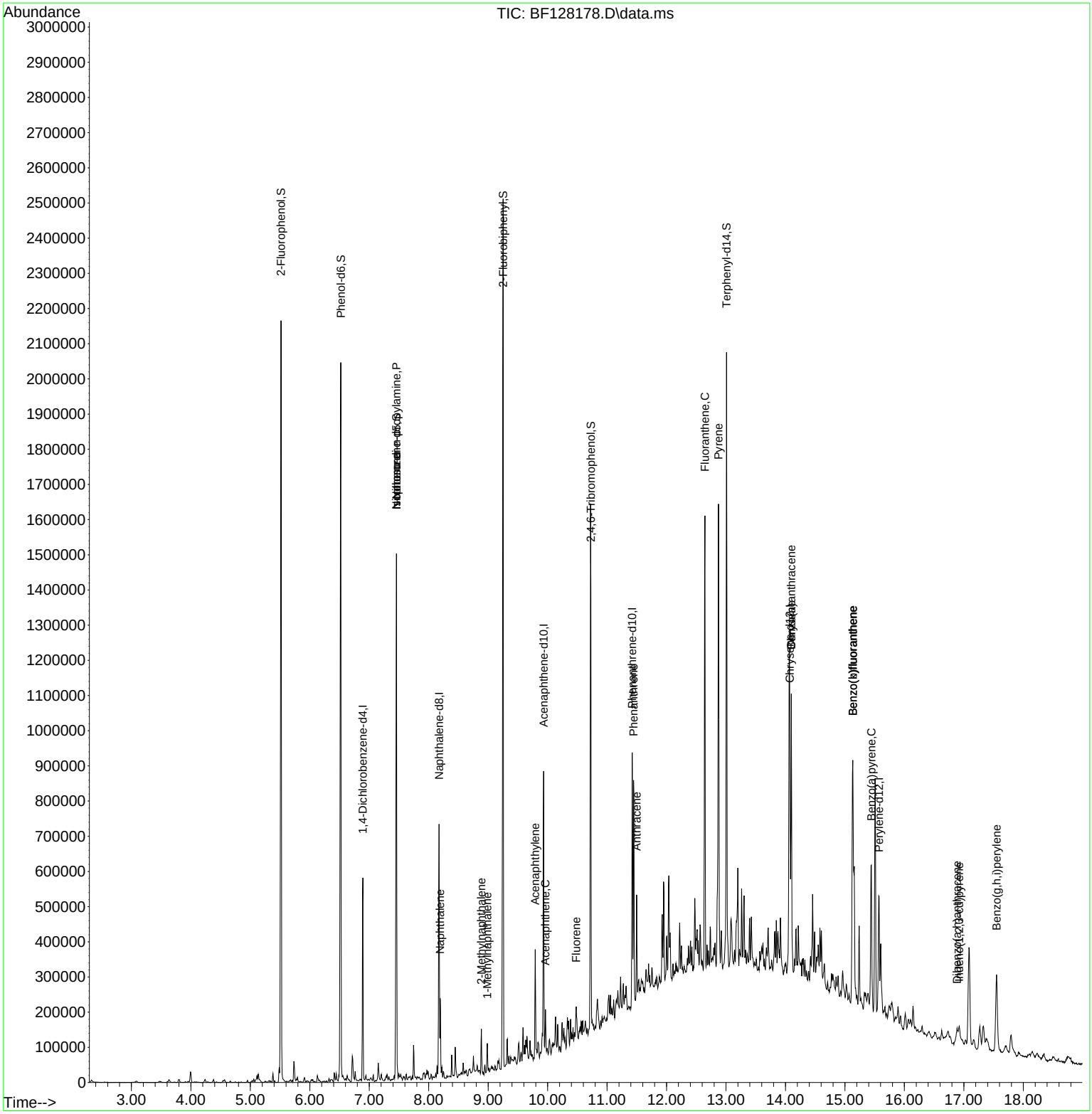
(#) = qualifier out of range (m) = manual integration (+) = signals summed

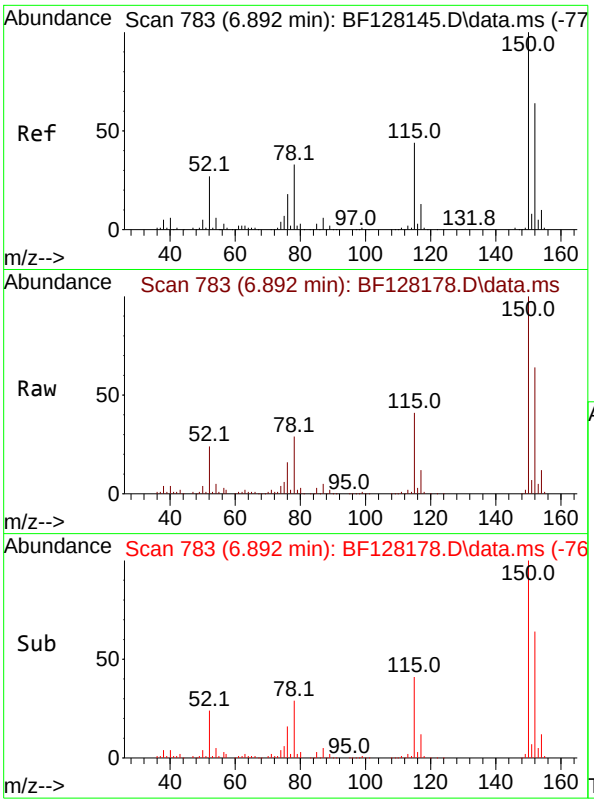
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128178.D
Acq On : 10 May 2022 23:50
Operator : CG\JU
Sample : N2749-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Time: May 11 04:02:32 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



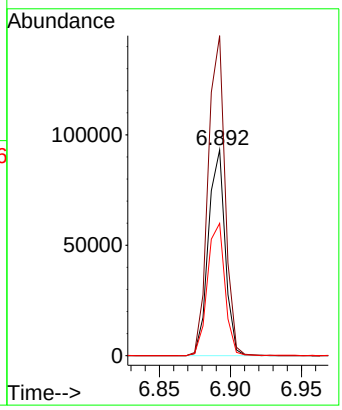


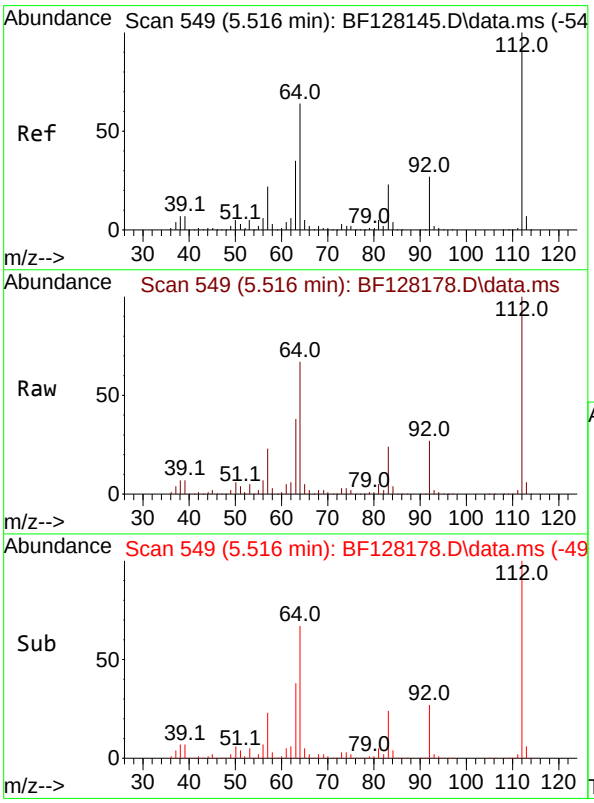
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 76679

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.3	187.9
115	64.3	48.8	73.2

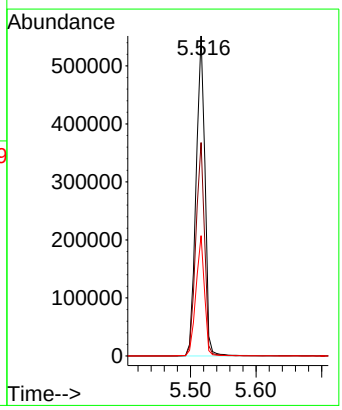


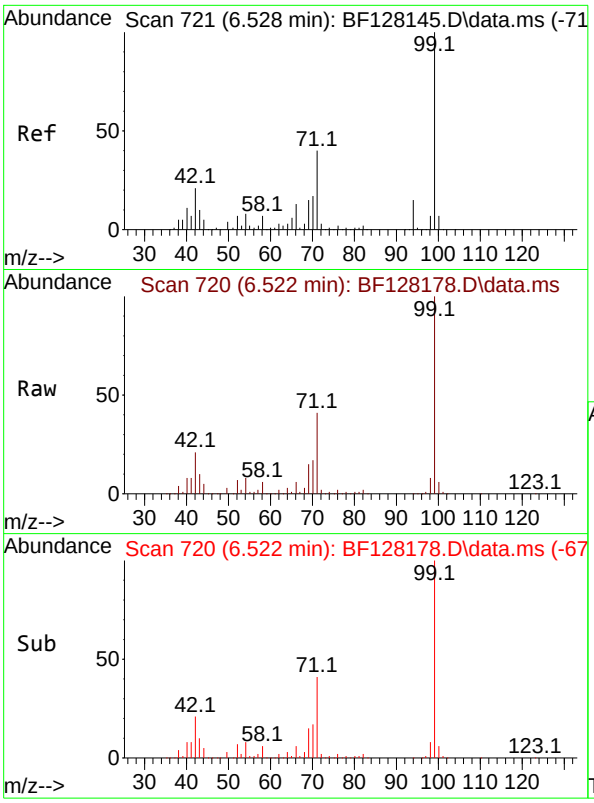


#5
2-Fluorophenol
Concen: 108.520 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.000 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Tgt Ion:112 Resp: 521990

Ion	Ratio	Lower	Upper
112	100		
64	66.7	49.5	74.3
63	37.6	26.3	39.5



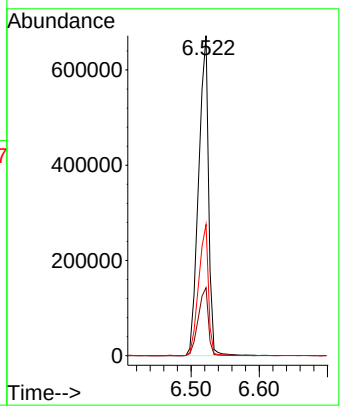


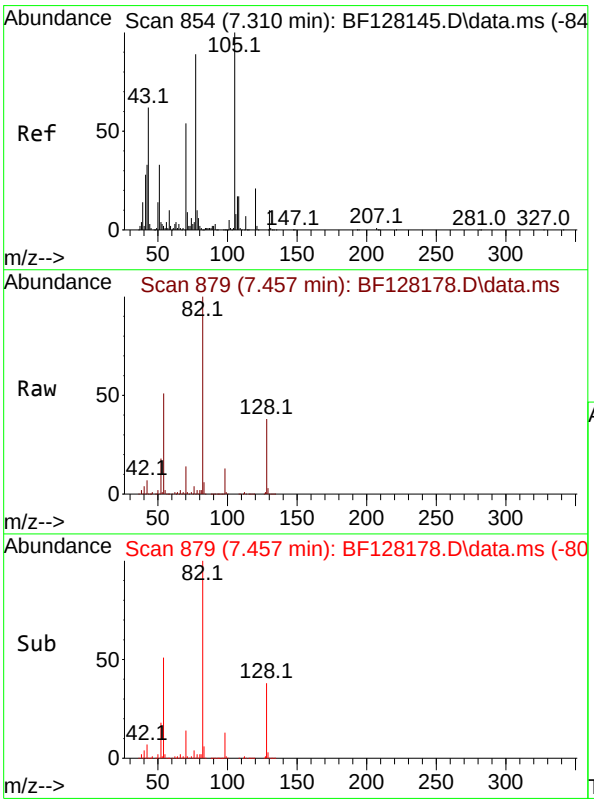
#7
Phenol-d6
Concen: 107.467 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 683715

Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.6	24.8
71	41.0	30.0	45.0

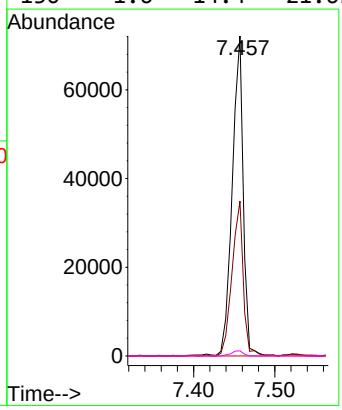


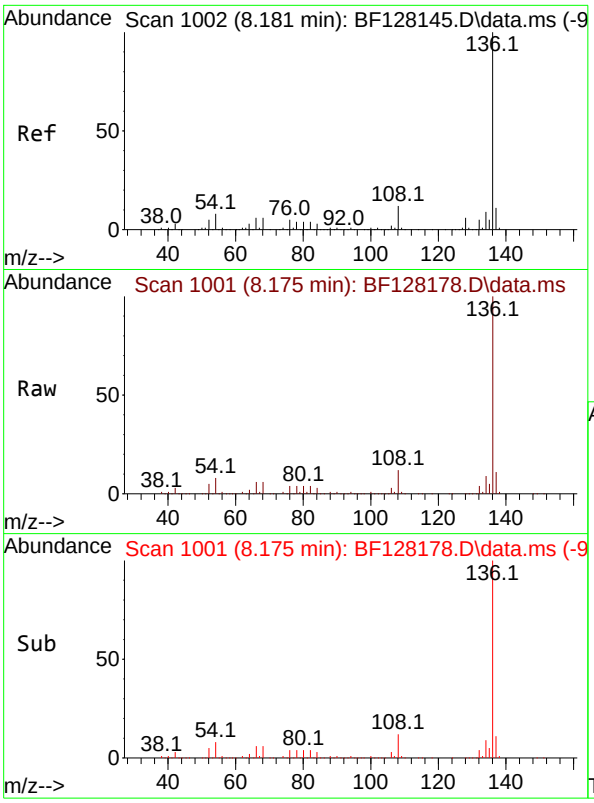


#19
n-Nitroso-di-n-propylamine
Concen: 17.328 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Tgt Ion: 70 Resp: 67889

Ion	Ratio	Lower	Upper
70	100		
42	48.4	48.7	73.1#
101	0.0	7.2	10.8#
130	1.6	14.4	21.6#



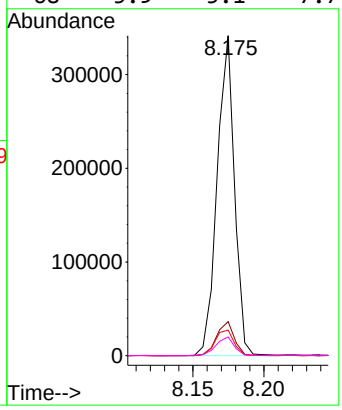


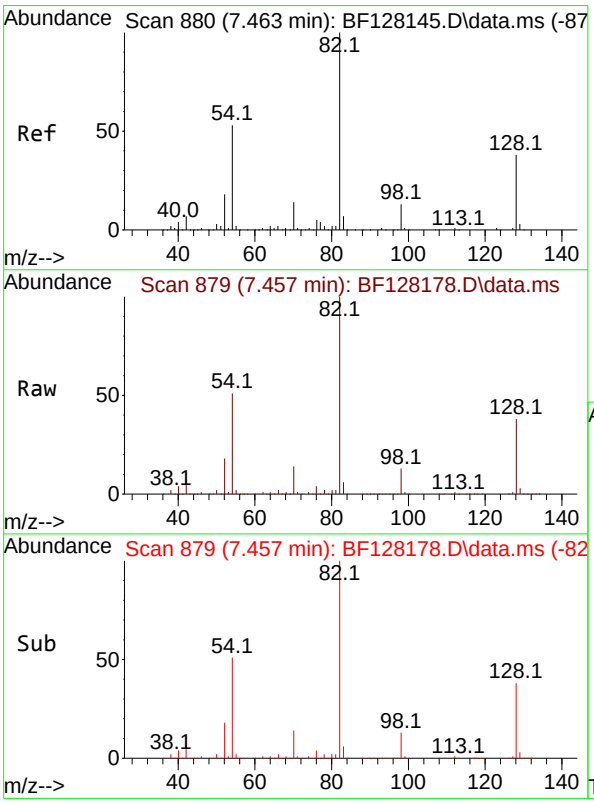
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:136 Resp: 289700

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.0	6.8	10.2
68	5.9	5.1	7.7

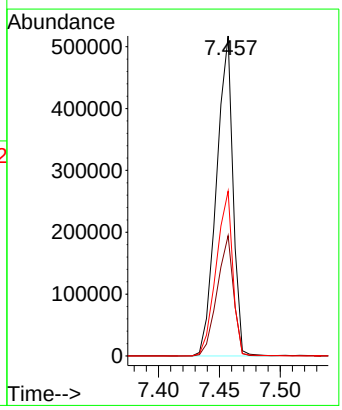


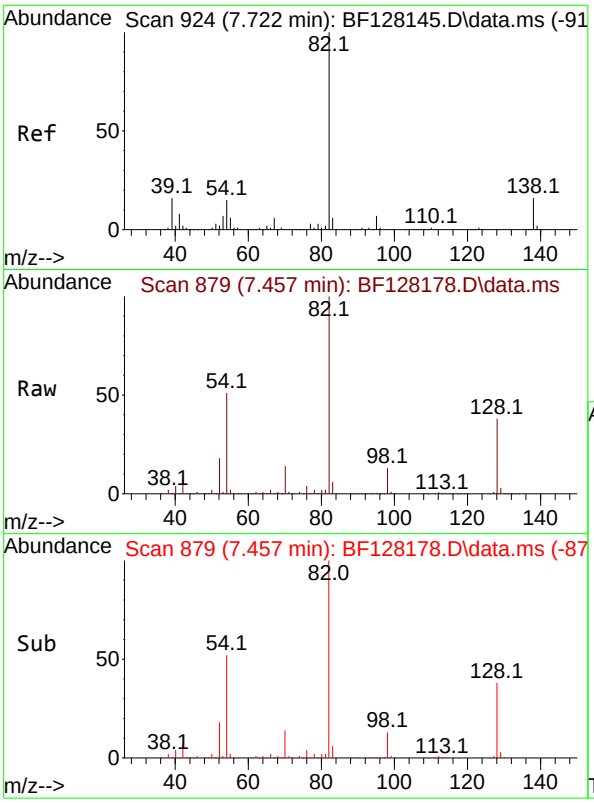


#23
Nitrobenzene-d5
Concen: 76.061 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Tgt Ion: 82 Resp: 489702

Ion	Ratio	Lower	Upper
82	100		
128	37.6	30.0	45.0
54	51.5	41.3	61.9



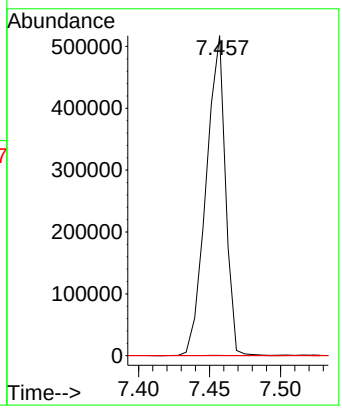


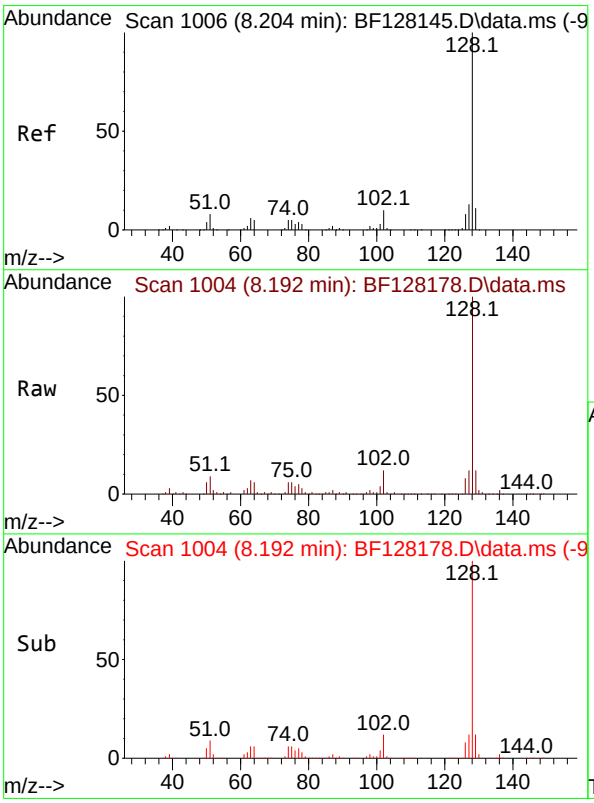
#25
Isophorone
Concen: 48.436 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 82 Resp: 488895

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

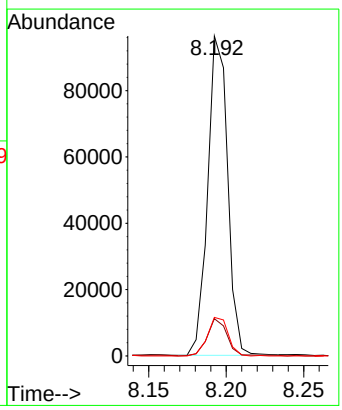


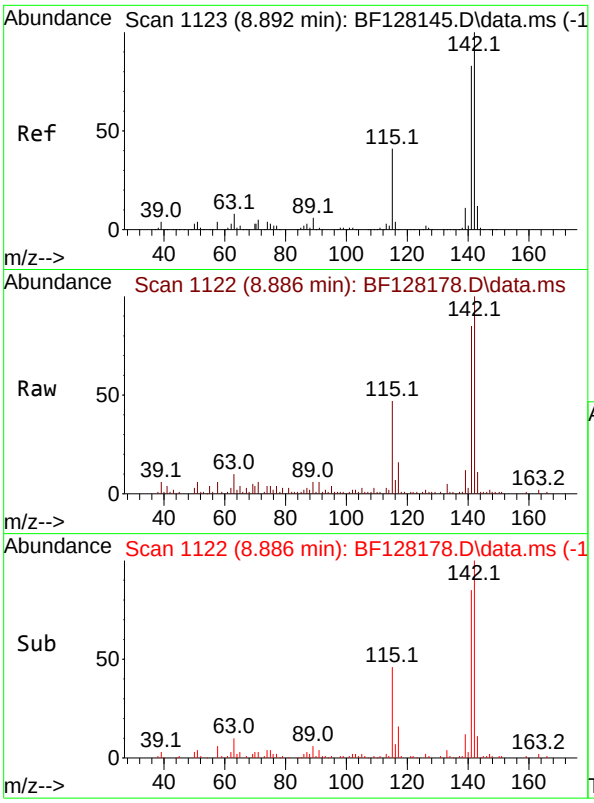


#31
Naphthalene
Concen: 6.024 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Tgt Ion:128 Resp: 86188

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.4
127	12.1	10.6	16.0



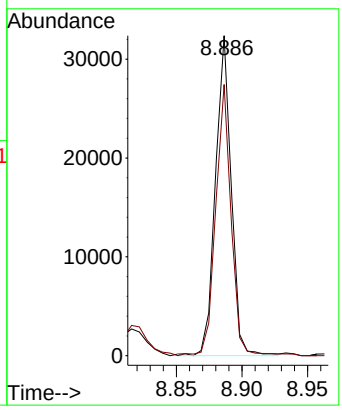


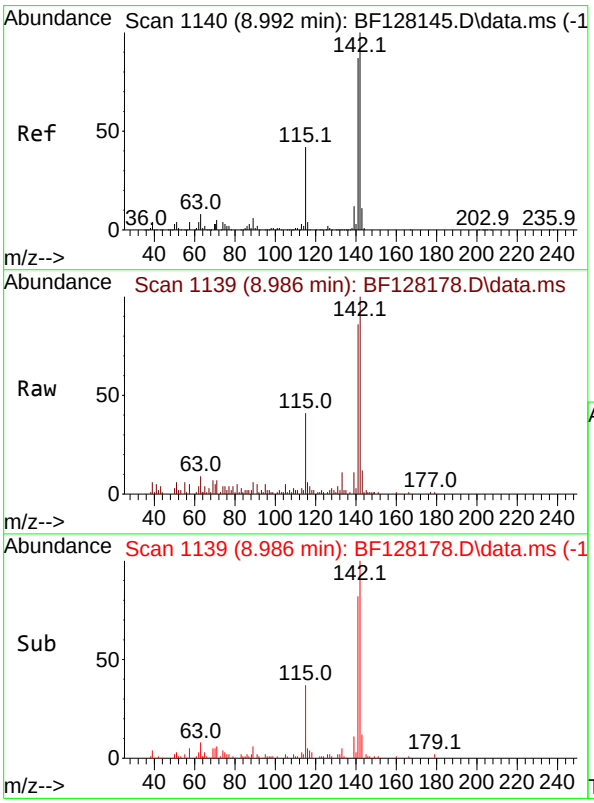
#37
2-Methylnaphthalene
Concen: 2.806 ng
RT: 8.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:142 Resp: 27069

Ion	Ratio	Lower	Upper
142	100		
141	84.8	67.4	101.2

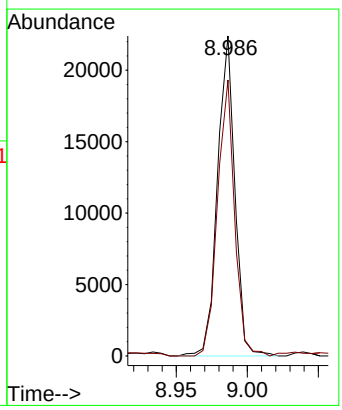


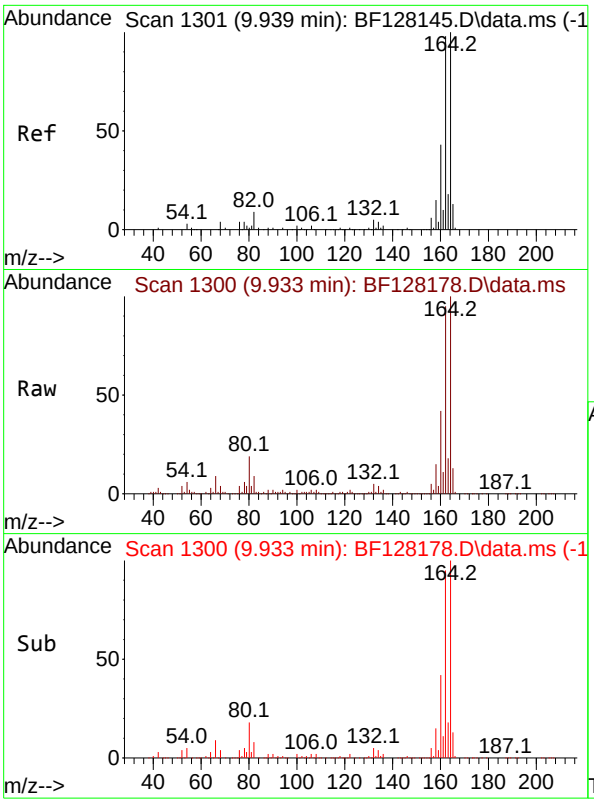


#38
1-Methylnaphthalene
Concen: 2.057 ng
RT: 8.986 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Tgt Ion:142 Resp: 19053

Ion	Ratio	Lower	Upper
142	100		
141	86.3	70.1	105.1



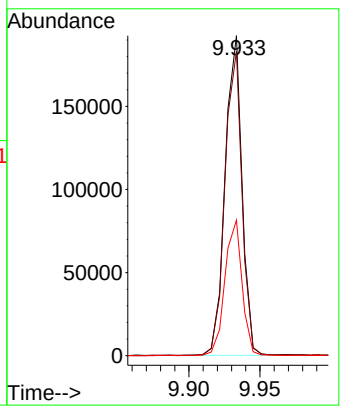


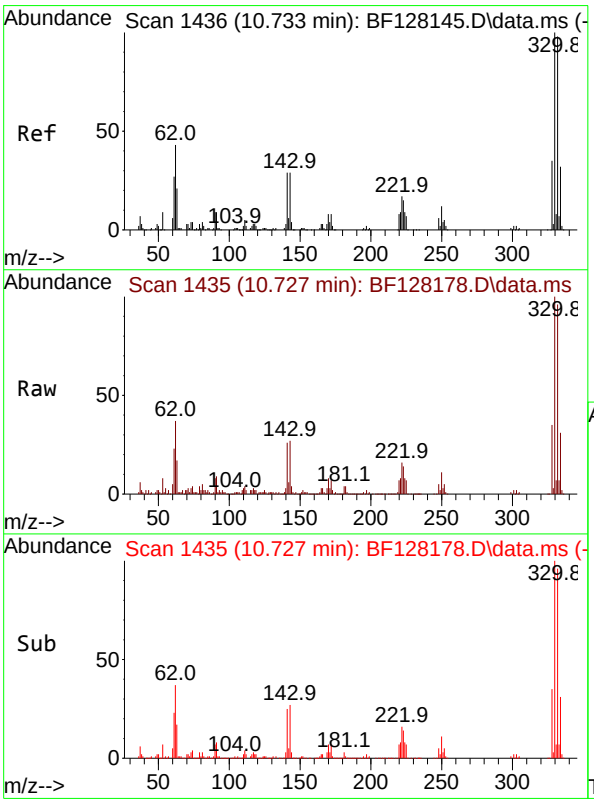
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:164 Resp: 159154

Ion	Ratio	Lower	Upper
164	100		
162	95.1	76.0	114.0
160	42.3	34.8	52.2

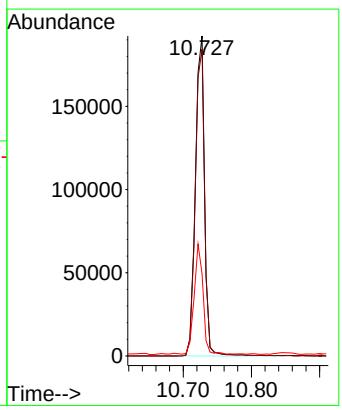


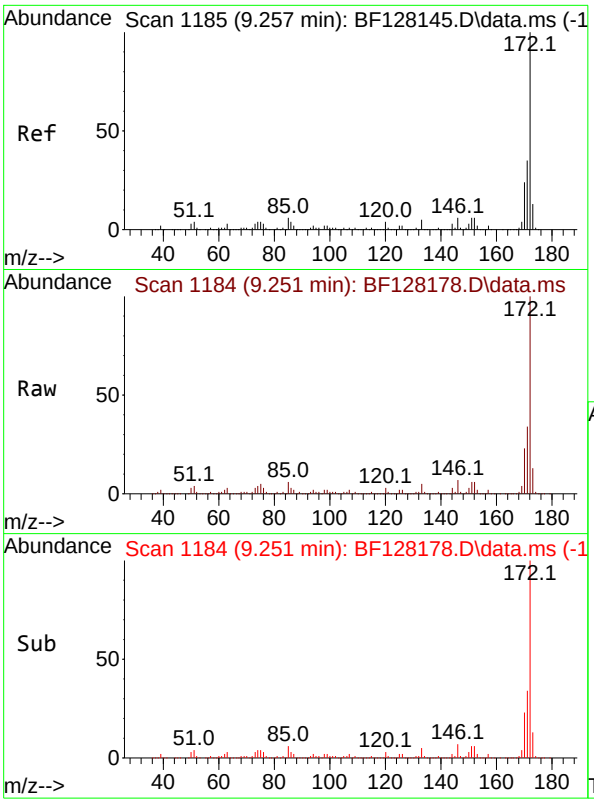


#42
2,4,6-Tribromophenol
Concen: 97.856 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Tgt Ion:330 Resp: 178616

Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.0	118.4
141	32.9	28.9	43.3



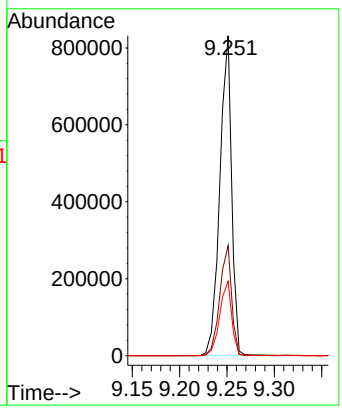


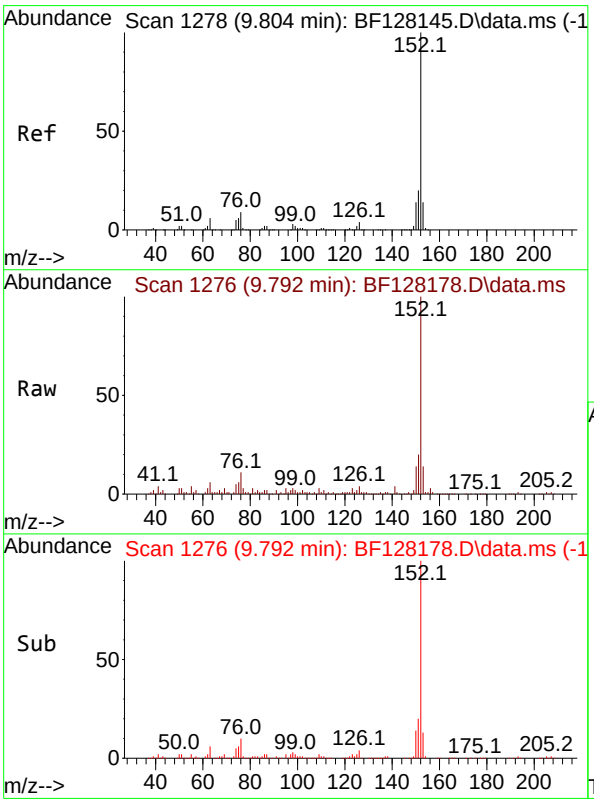
#45
2-Fluorobiphenyl
Concen: 71.354 ng
RT: 9.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:172 Resp: 725783

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	42.8
170	23.3	19.1	28.7

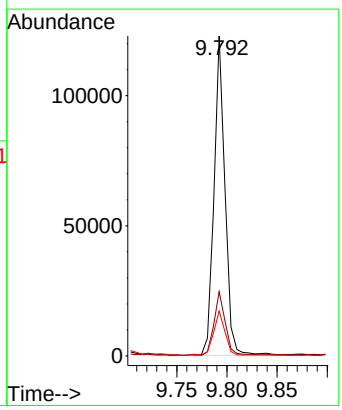


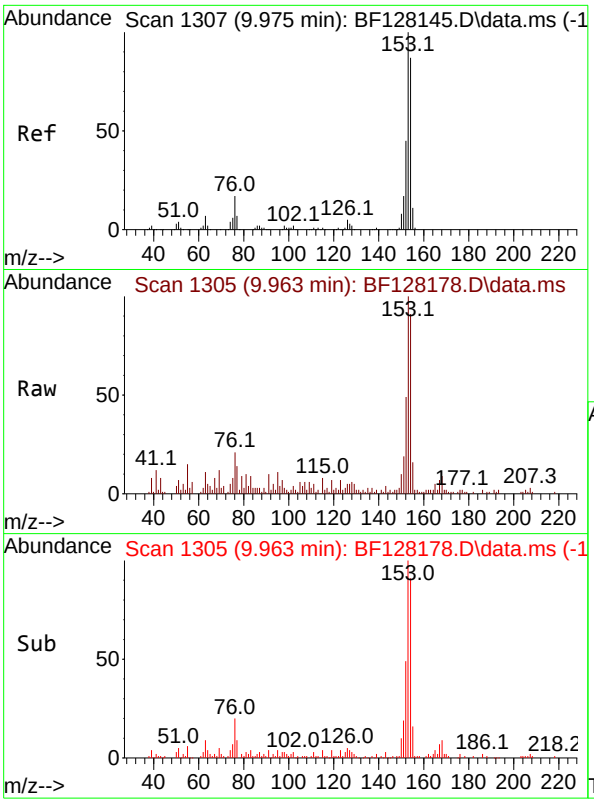


#49
Acenaphthylene
Concen: 7.207 ng
RT: 9.792 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Tgt Ion:152 Resp: 93611

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	14.0	11.2	16.8



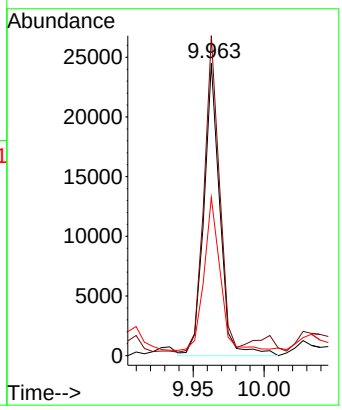


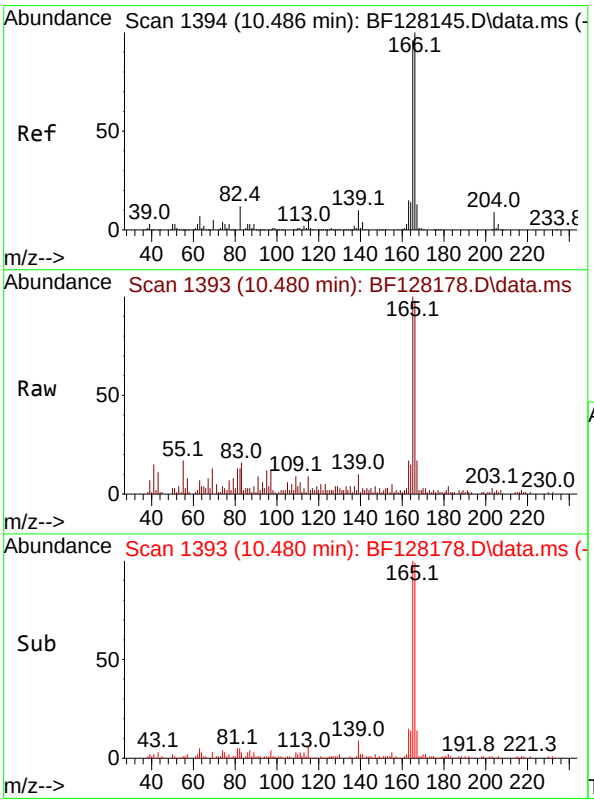
#52
Acenaphthene
Concen: 2.132 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:154 Resp: 19197

Ion	Ratio	Lower	Upper
154	100		
153	109.4	90.5	135.7
152	54.1	41.0	61.6

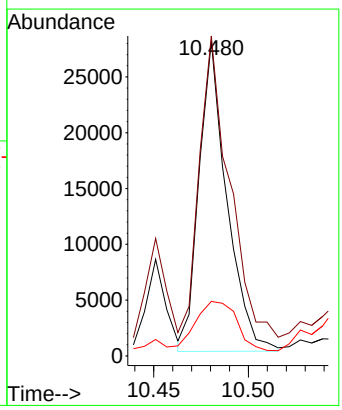


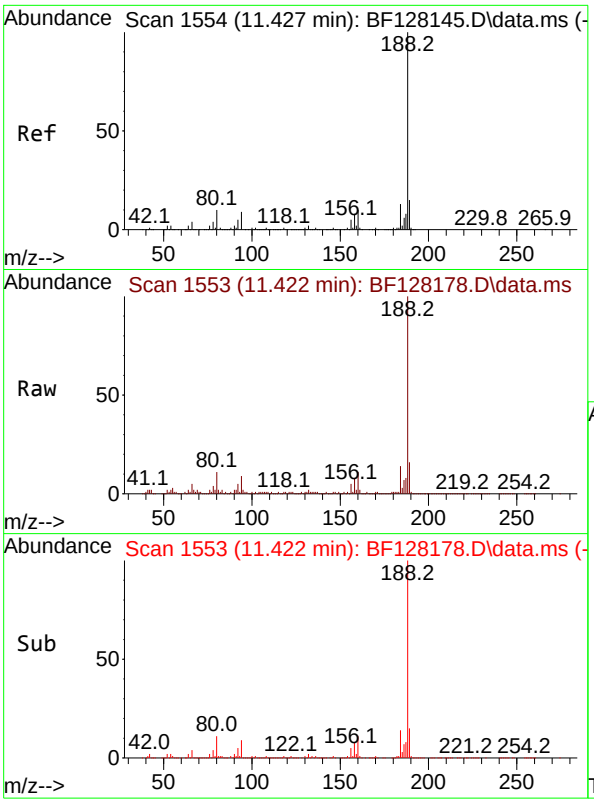


#58
Fluorene
Concen: 2.852 ng
RT: 10.480 min Scan# 1393
Delta R.T. -0.006 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Tgt Ion:166 Resp: 28401

Ion	Ratio	Lower	Upper
166	100		
165	101.6	78.6	117.8
167	17.3	10.5	15.7#



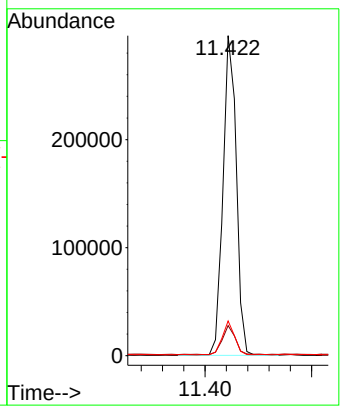


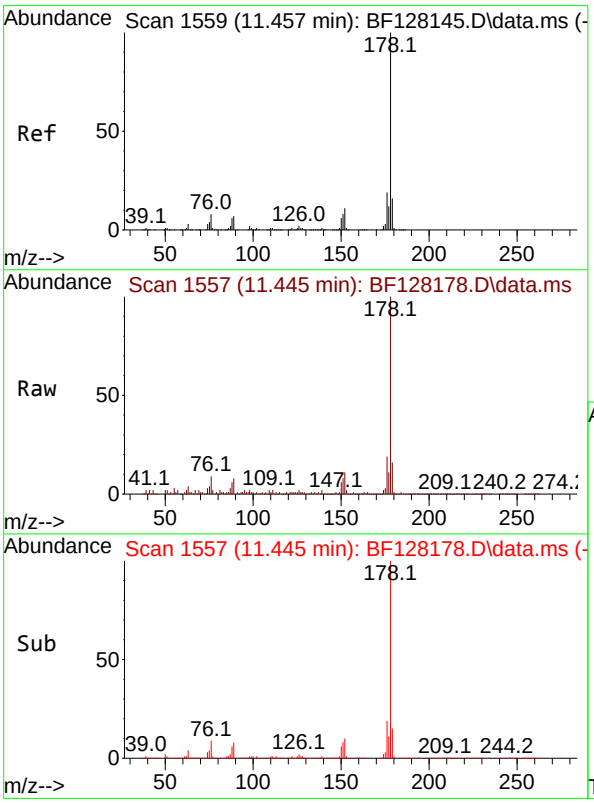
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:188 Resp: 255673

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.0	12.0
80	10.9	8.9	13.3

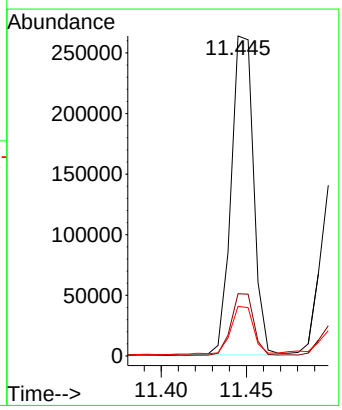


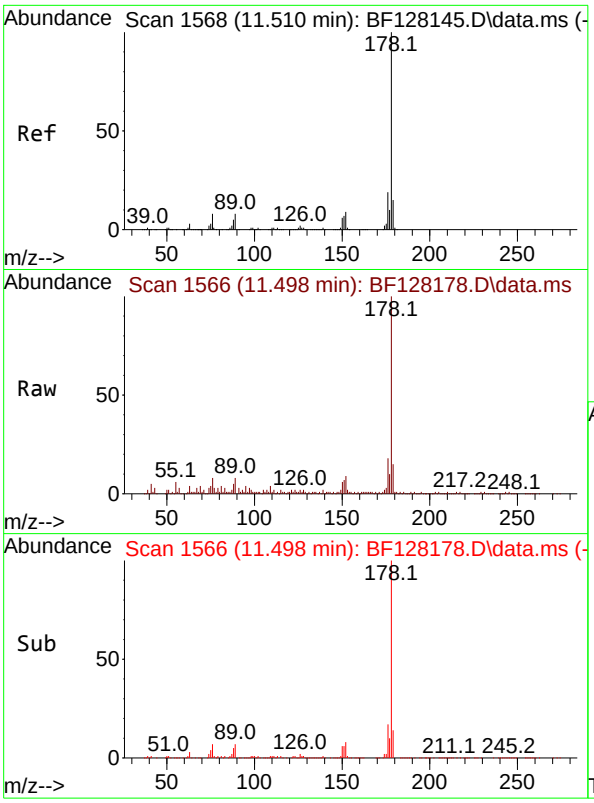


#71
Phenanthrene
Concen: 18.891 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Tgt Ion:178 Resp: 240494

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.5	12.6	19.0



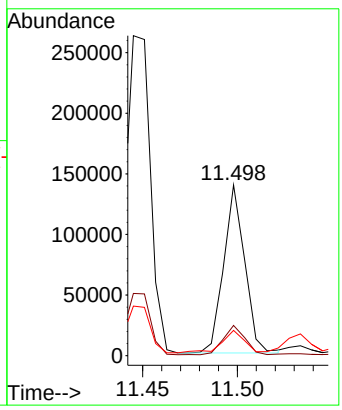


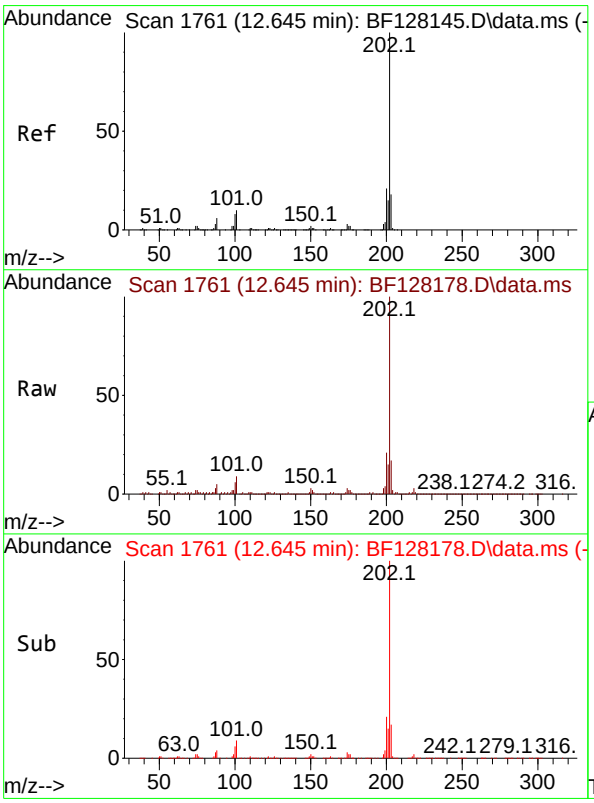
#72
Anthracene
Concen: 8.444 ng
RT: 11.498 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:178 Resp: 107325

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.0	22.6
179	14.9	12.4	18.6

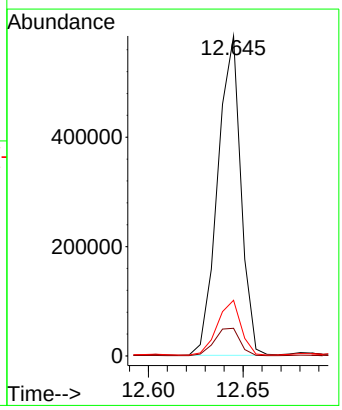


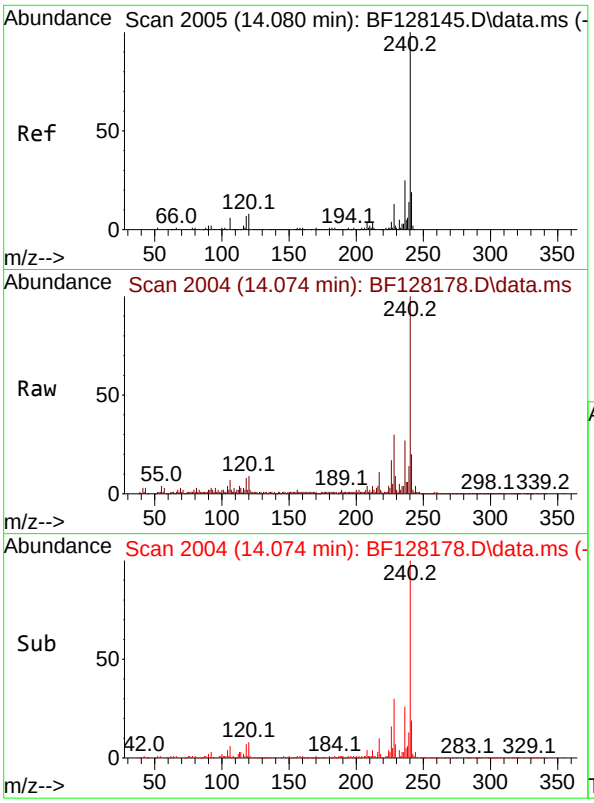


#75
Fluoranthene
Concen: 36.068 ng
RT: 12.645 min Scan# 1761
Delta R.T. -0.000 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Tgt Ion:202 Resp: 497826

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	31.6
203	17.4	0.0	38.1



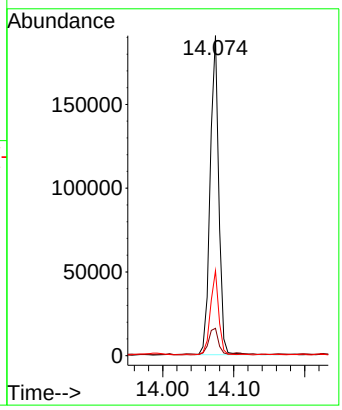


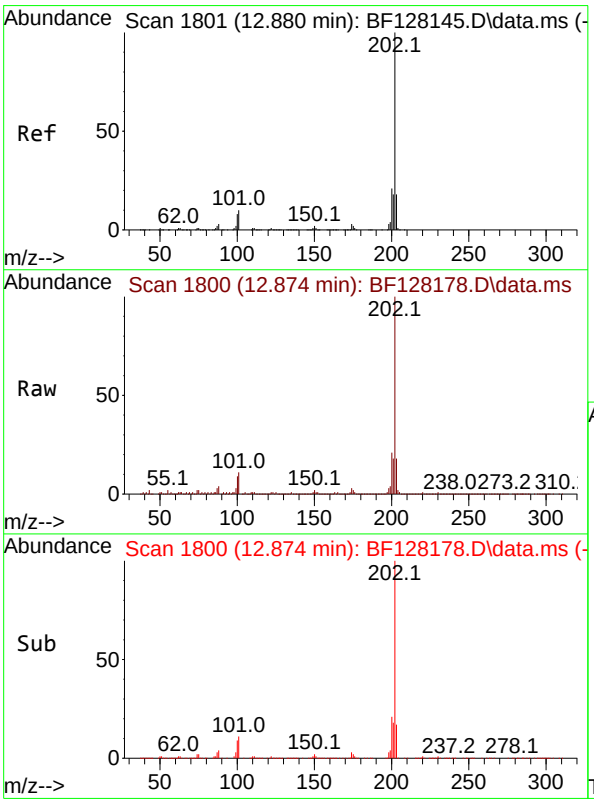
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:240 Resp: 160979

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	26.6	20.3	30.5

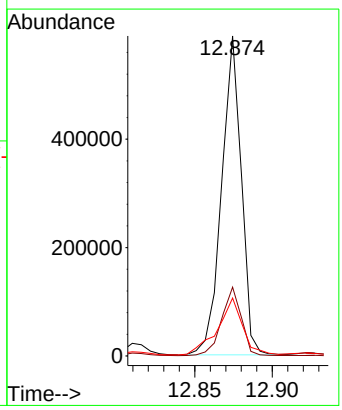


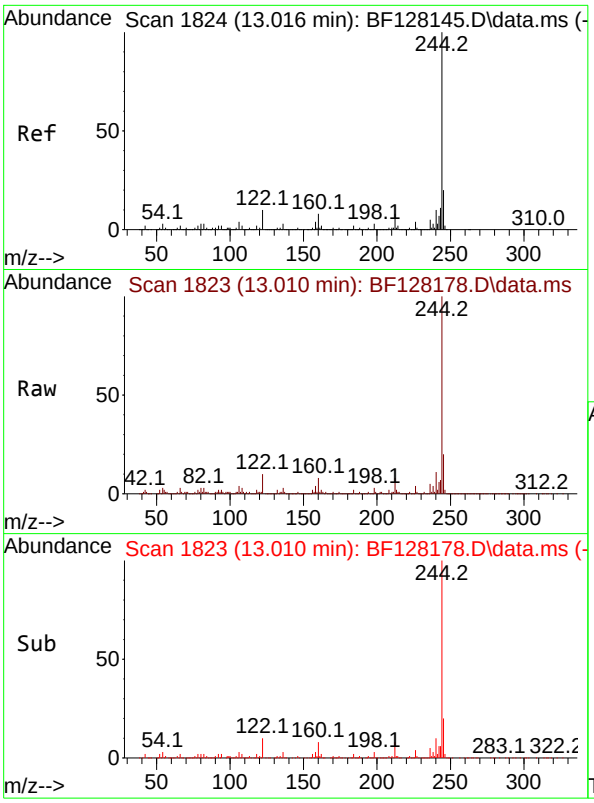


#78
Pyrene
Concen: 44.565 ng
RT: 12.874 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Tgt Ion:202 Resp: 520176

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.1	14.0	21.0



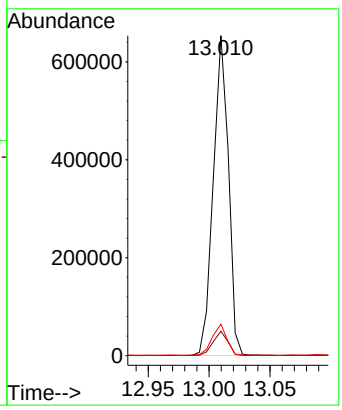


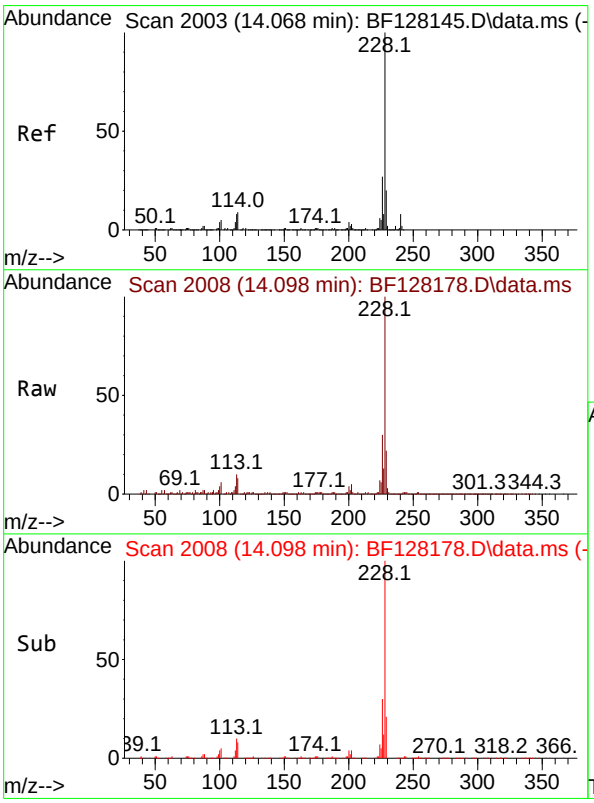
#79
Terphenyl-d14
Concen: 66.053 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:244 Resp: 566669

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.4
122	9.8	8.6	12.8

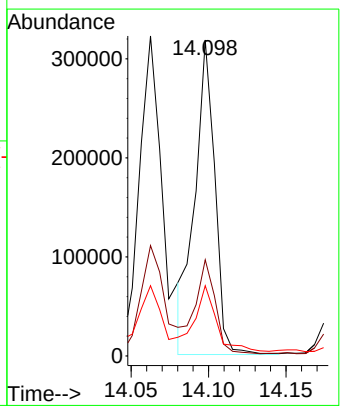


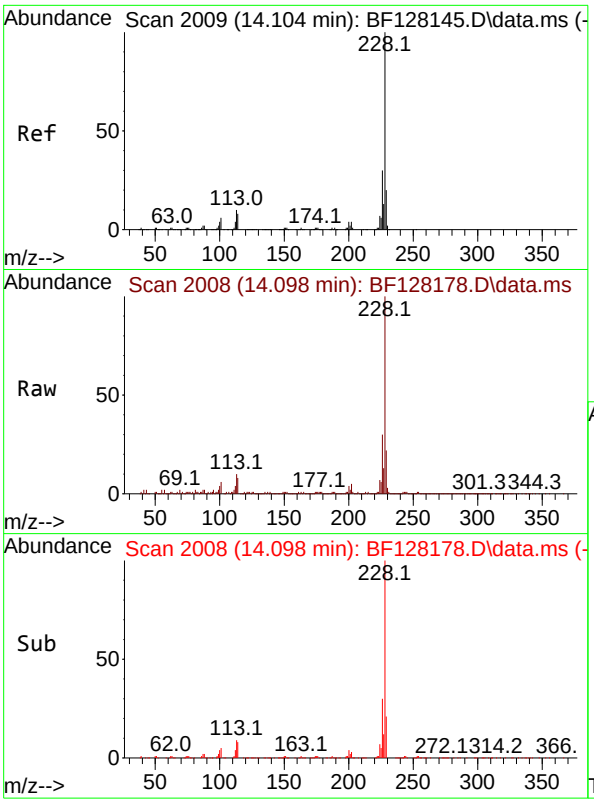


#81
Benzo(a)anthracene
Concen: 27.764 ng
RT: 14.098 min Scan# 2008
Delta R.T. 0.029 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Tgt Ion:228 Resp: 285474

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.7	32.5
229	22.2	15.4	23.2



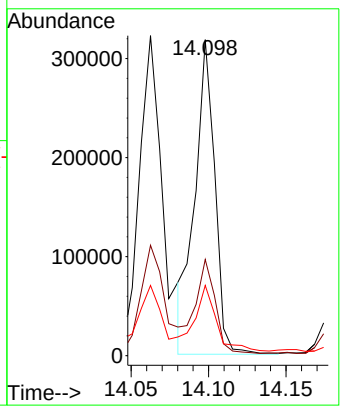


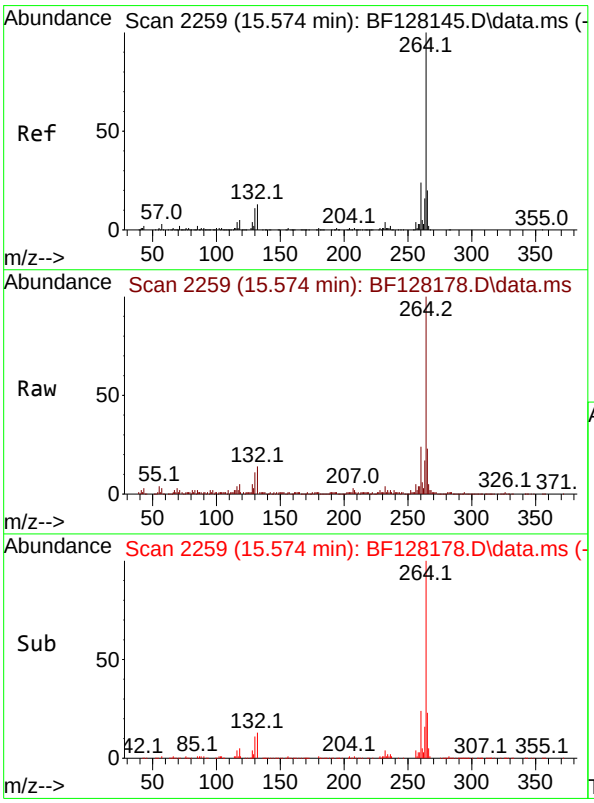
#83
Chrysene
Concen: 29.098 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:228 Resp: 285474

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	22.2	15.8	23.8

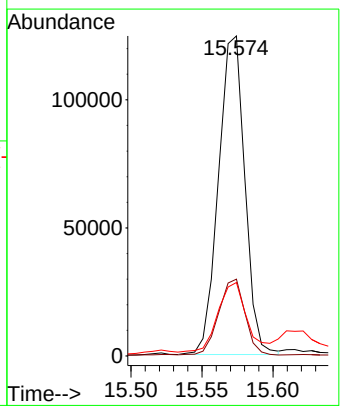


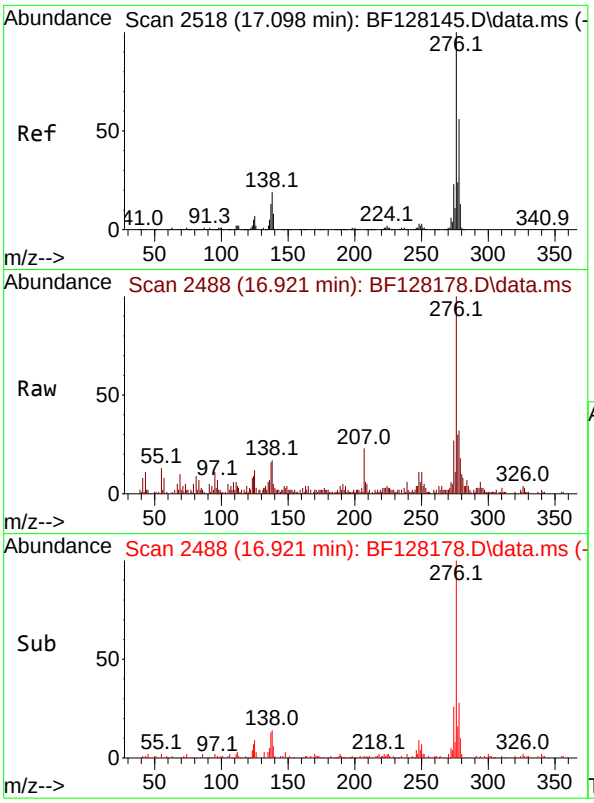


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2259
Delta R.T. -0.000 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Tgt Ion:264 Resp: 160429

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.1	30.1
265	23.0	17.5	26.3



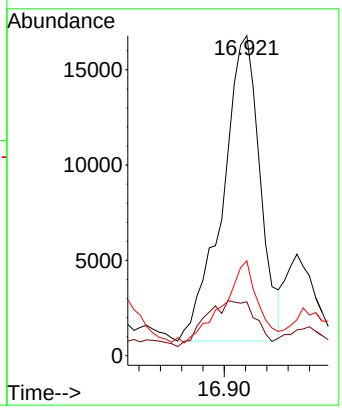


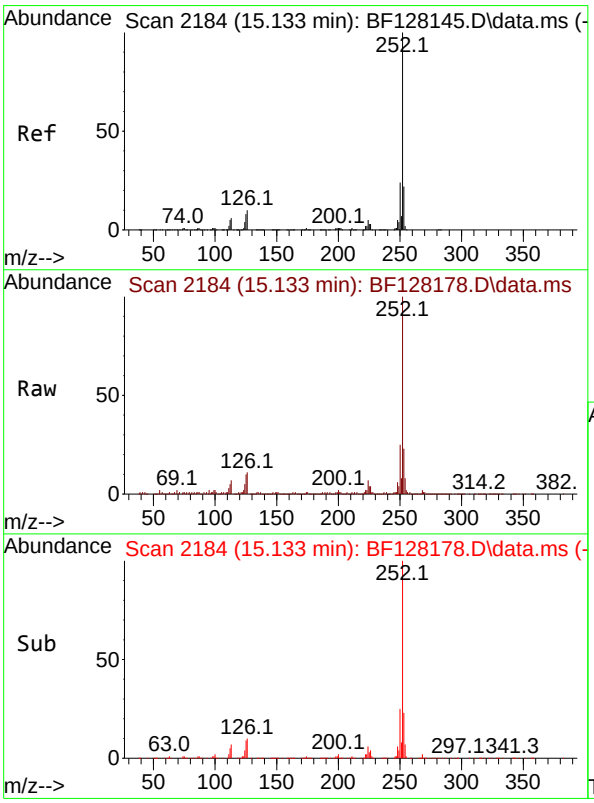
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.059 ng
RT: 16.921 min Scan# 24
Delta R.T. -0.177 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:276 Resp: 39393

Ion	Ratio	Lower	Upper
276	100		
138	19.7	19.0	28.4
277	24.3	20.1	30.1

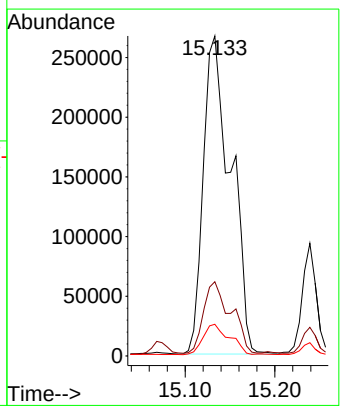


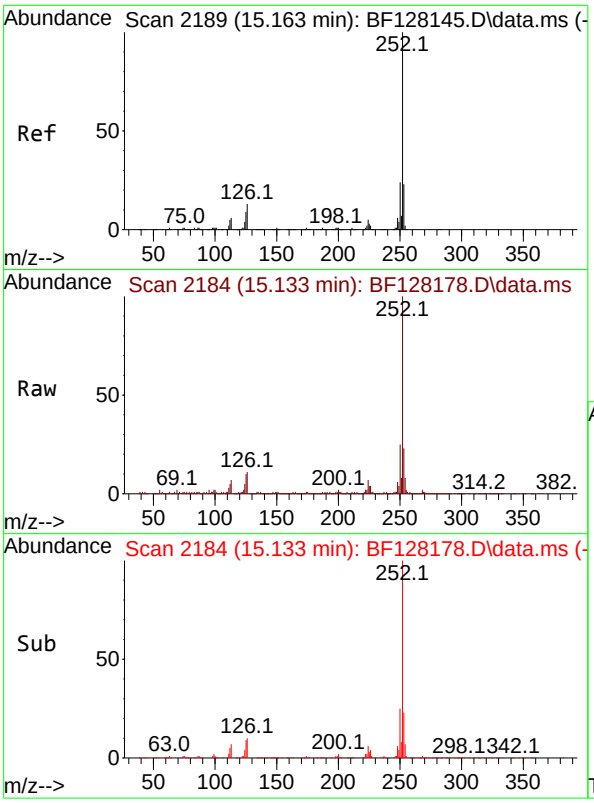


#88
Benzo(b)fluoranthene
Concen: 57.167 ng
RT: 15.133 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Tgt Ion:252 Resp: 568525

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	9.9	7.4	11.2



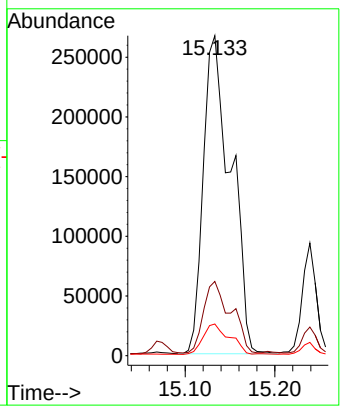


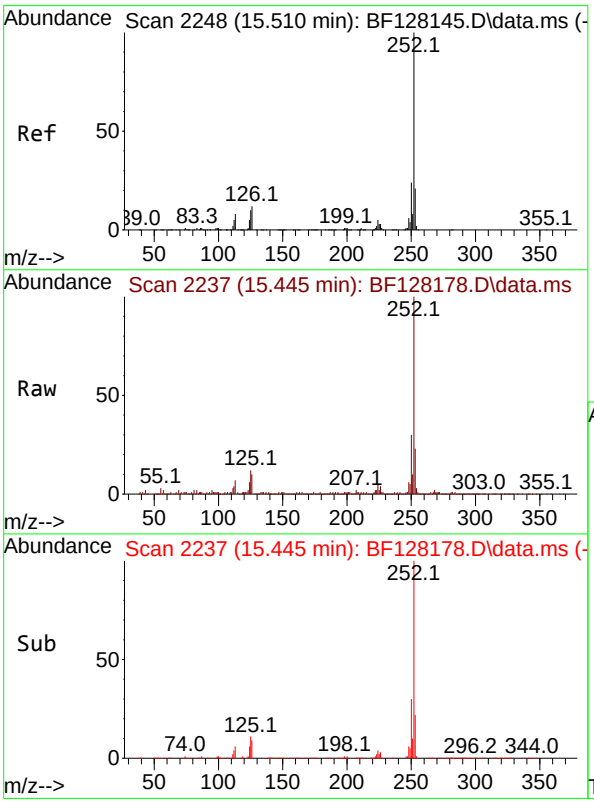
#89
Benzo(k)fluoranthene
Concen: 57.913 ng
RT: 15.133 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:252 Resp: 568525

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.4
125	9.9	6.8	10.2

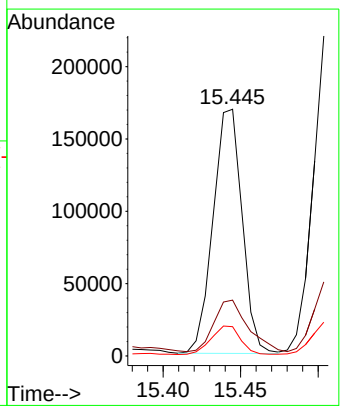


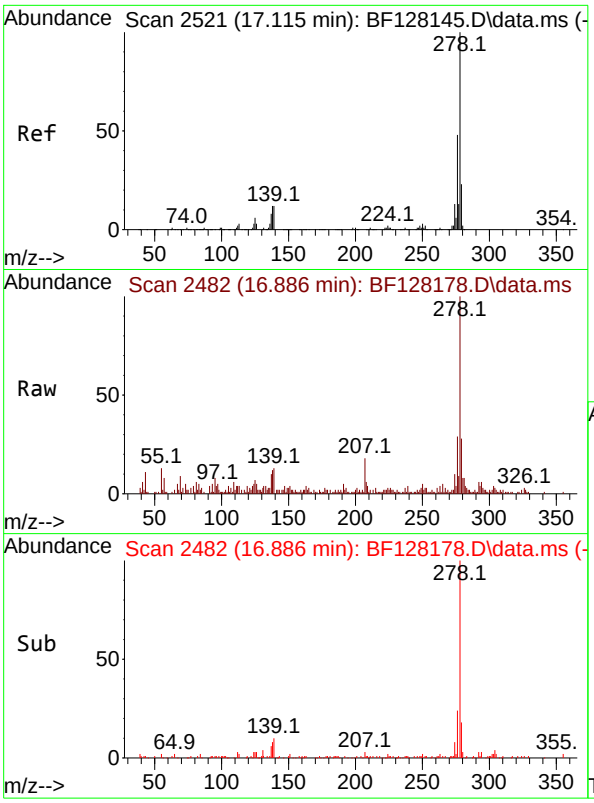


#90
Benzo(a)pyrene
Concen: 27.442 ng
RT: 15.445 min Scan# 2237
Delta R.T. -0.065 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Tgt Ion:252 Resp: 220323

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	11.9	9.2	13.8



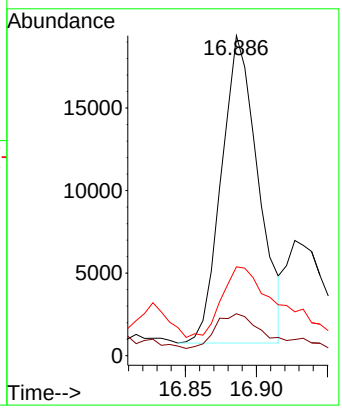


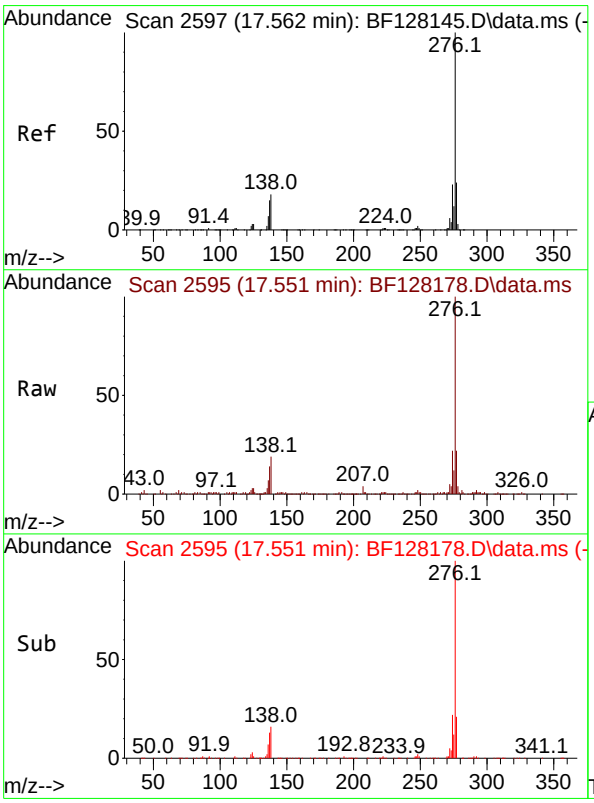
#91
Dibenzo(a,h)anthracene
Concen: 4.282 ng
RT: 16.886 min Scan# 24
Delta R.T. -0.229 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:278 Resp: 33640

Ion	Ratio	Lower	Upper
278	100		
139	13.1	12.6	19.0
279	27.7	18.9	28.3





#92
Benzo(g,h,i)perylene
Concen: 23.506 ng
RT: 17.551 min Scan# 2595
Delta R.T. -0.012 min
Lab File: BF128178.D
Acq: 10 May 2022 23:50

Tgt Ion:276 Resp: 186991

Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.8	28.2
138	18.5	16.2	24.2