Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120336.D
Acq On : 15 May 2020 22:03
Operator : MA/SJ
Sample : L2503-06 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 16 00:18:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 12:31:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	256249	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	988216	20.00	ng		0.00
39) Acenaphthene-d10	9.65	164	478224	20.00	ng		0.00
64) Phenanthrene-d10	11.13	188	755593	20.00	ng		0.00
76) Chrysene-d12	13.77	240	462897	20.00	ng		0.00
87) Perylene-d12	15.16	264	443907	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	187163	14.21	ng		0.00
7) Phenol-d6	6.27	99	285525	17.14	ng		0.00
23) Nitrobenzene-d5	7.18	82	163228	11.31	ng		-0.01
42) 2,4,6-Tribromophenol	10.44	330	56473	14.48	ng		0.00
45) 2-Fluorobiphenyl	8.97	172	335658	14.42	ng		0.00
79) Terphenyl-d14	12.72	244	256948	12.26	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.18	82	163241	5.436	ng	#	65
51) 2,6-Dinitrotoluene	9.65	165	63217	9.369	ng	#	23
57) 2,4-Dinitrotoluene	9.65	165	63217	7.987	ng	#	16
71) Phenanthrene	11.16	178	284409	8.958	ng		98
72) Anthracene	11.21	178	78476	2.309	ng		98
75) Fluoranthene	12.34	202	288712	8.484	ng		97
78) Pyrene	12.57	202	307344	9.313	ng		97
81) Benzo(a)anthracene	13.76	228	147907	6.058	ng		98
83) Chrysene	13.79	228	139059	5.304	ng		96
86) Indeno(1,2,3-cd)pyrene	16.49	276	63785	2.681	ng		96
88) Benzo(b)fluoranthene	14.77	252	201137	8.297	ng		96
89) Benzo(k)fluoranthene	14.77	252	201137	9.576	ng	#	96
90) Benzo(a)pyrene	15.10	252	115653	5.319	ng	#	93
92) Benzo(g,h,i)perylene	16.88	276	74542	3.838	ng	#	91

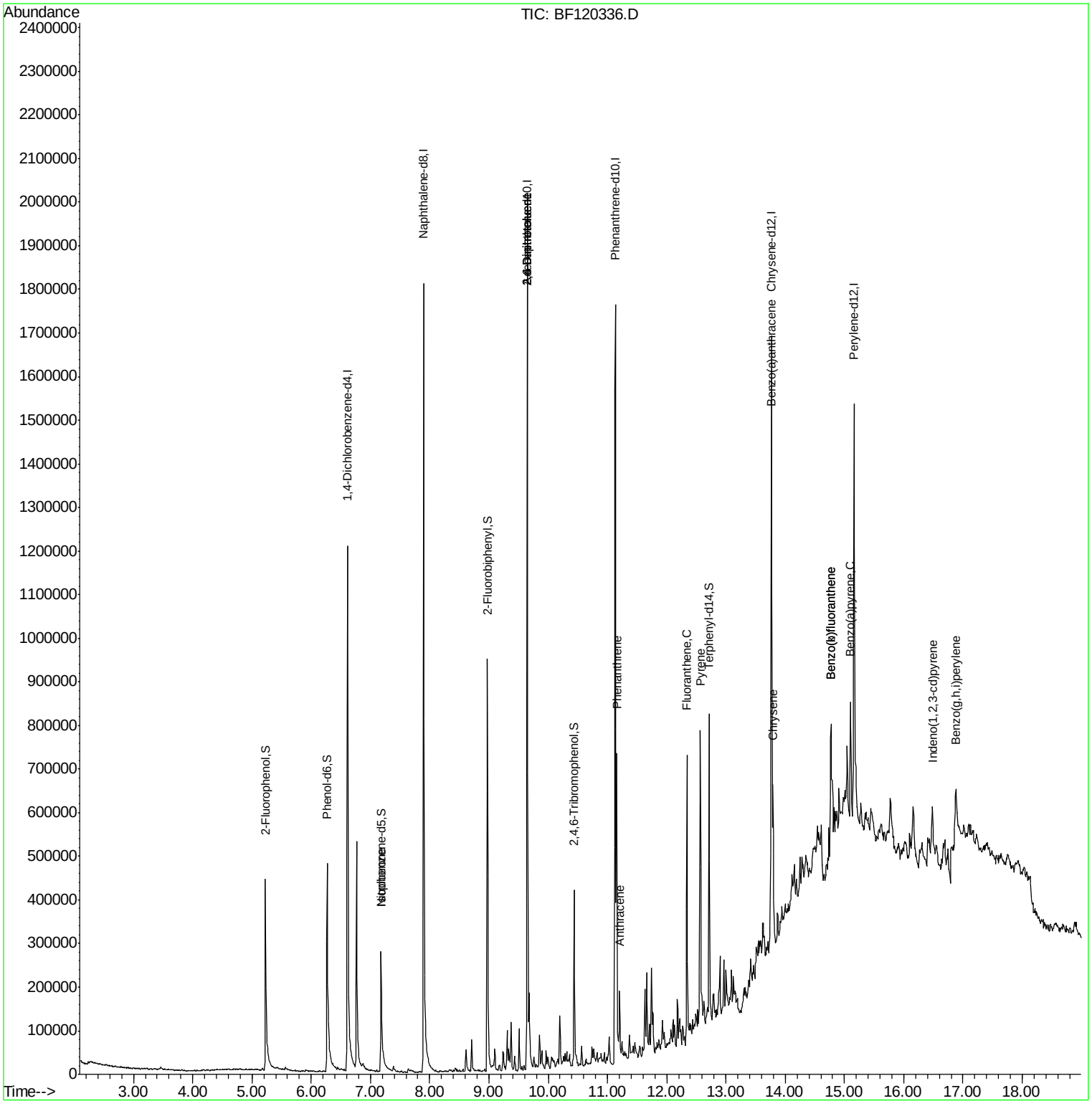
(#) = qualifier out of range (m) = manual integration (+) = signals summed

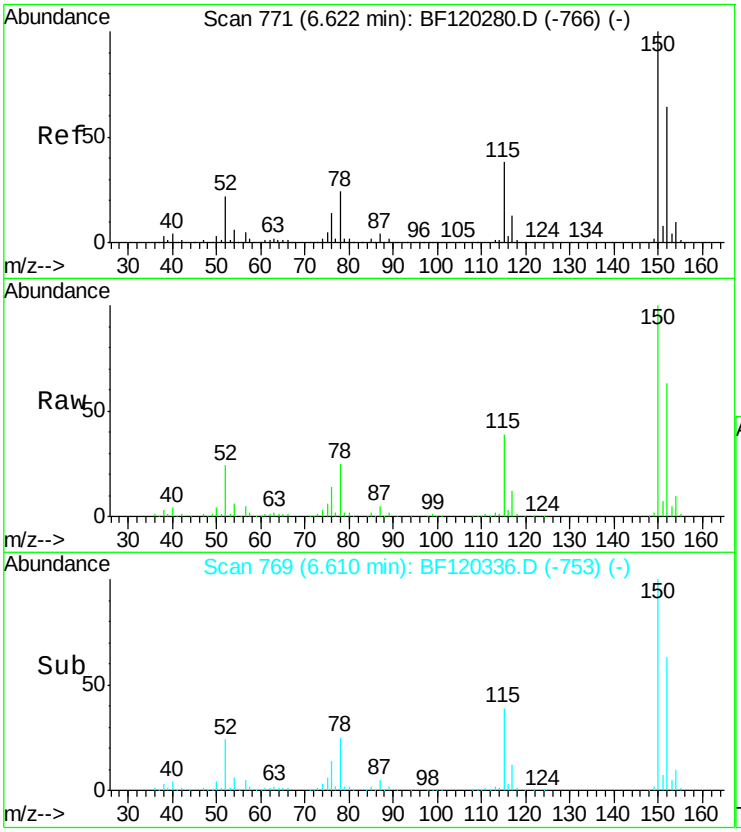
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120336.D
Acq On : 15 May 2020 22:03
Operator : MA/SJ
Sample : L2503-06 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 16 00:18:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 12:31:31 2020
Response via : Initial Calibration



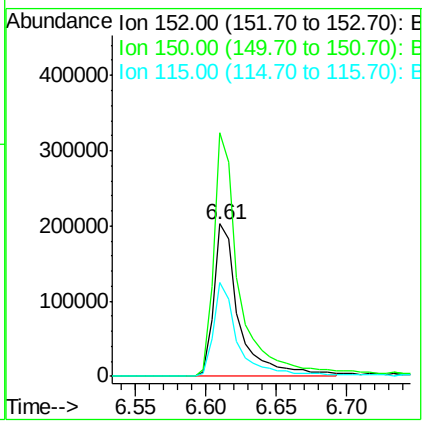


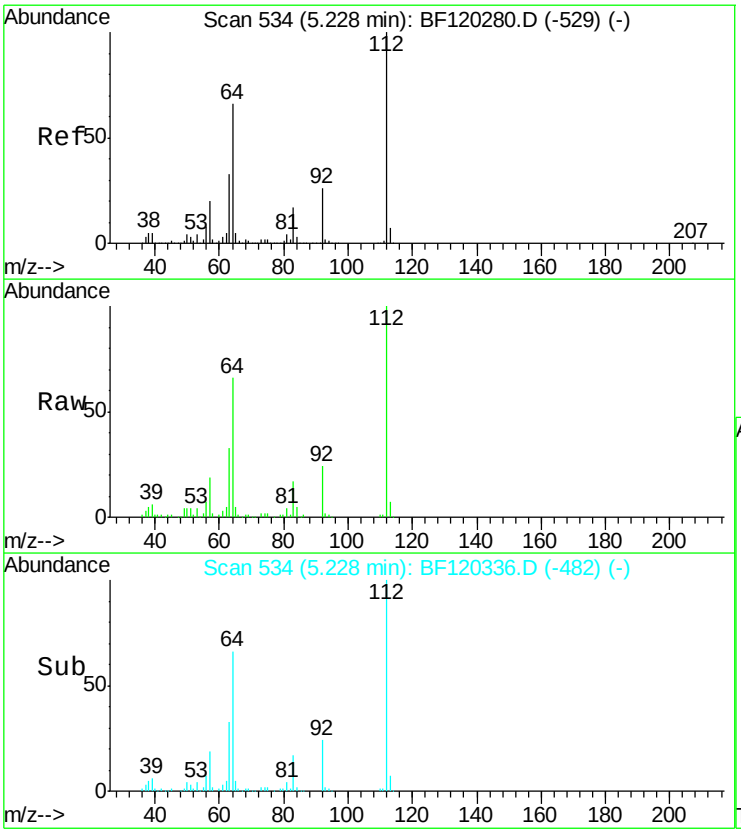
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 256249

Ion	Ratio	Lower	Upper
152	100		
150	159.6	126.2	189.2
115	61.5	47.9	71.9

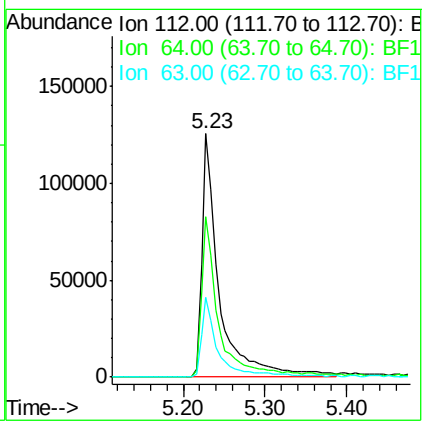


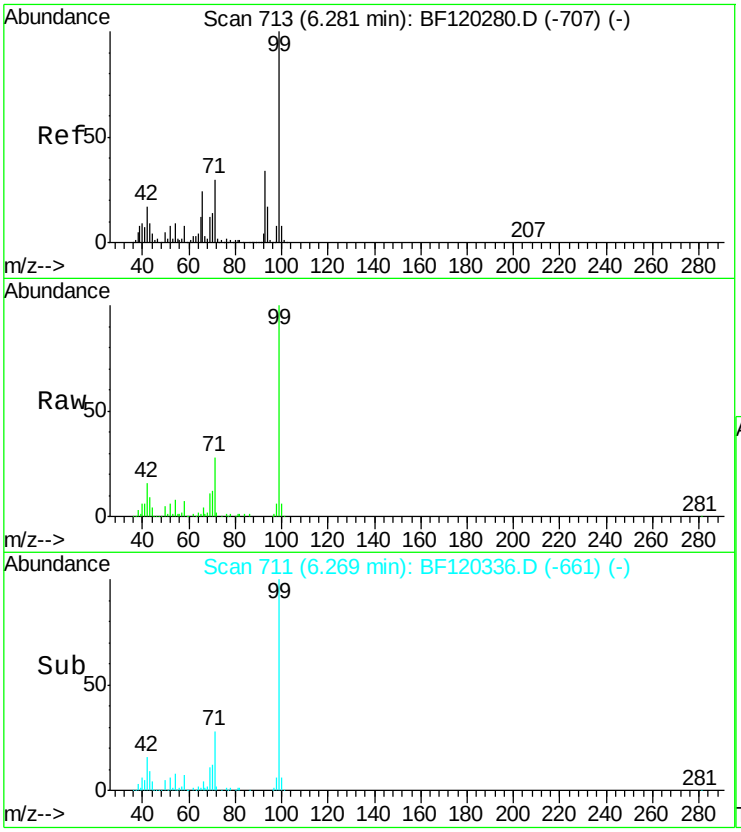


#5
2-Fluorophenol
Concen: 14.211 ng
RT: 5.23 min Scan# 534
Delta R.T. 0.01 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Tgt Ion:112 Resp: 187163

Ion	Ratio	Lower	Upper
112	100		
64	66.1	52.7	79.1
63	32.9	26.2	39.4



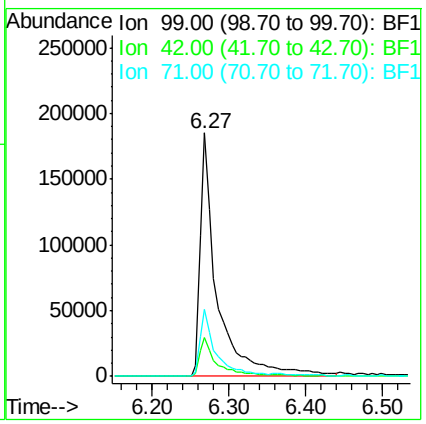


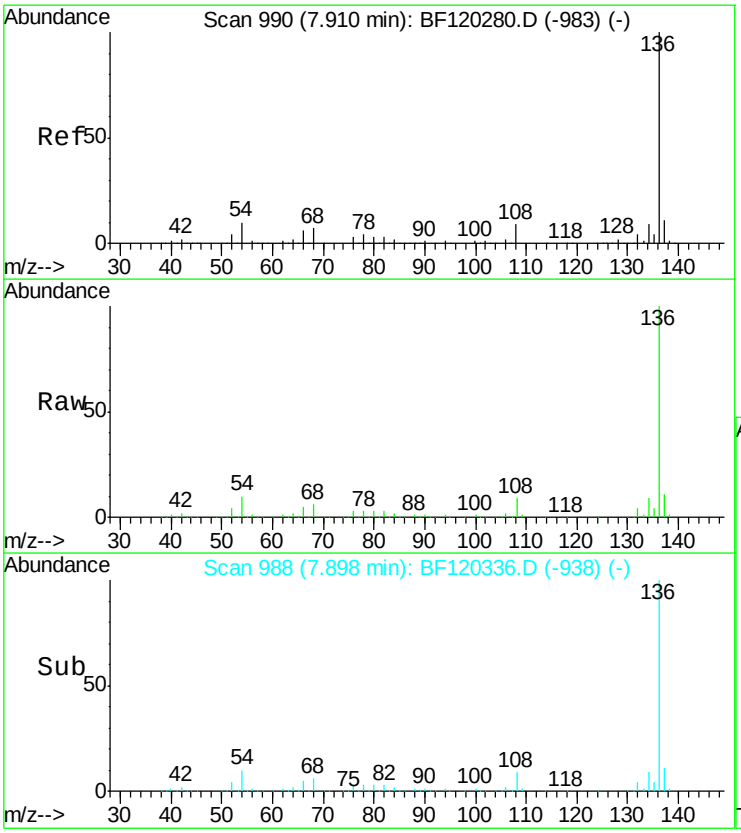
#7
Phenol-d6
Concen: 17.144 ng
RT: 6.27 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 285525

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.6	20.4
71	27.5	24.2	36.4

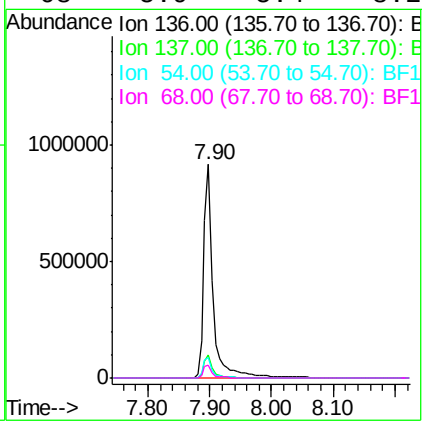


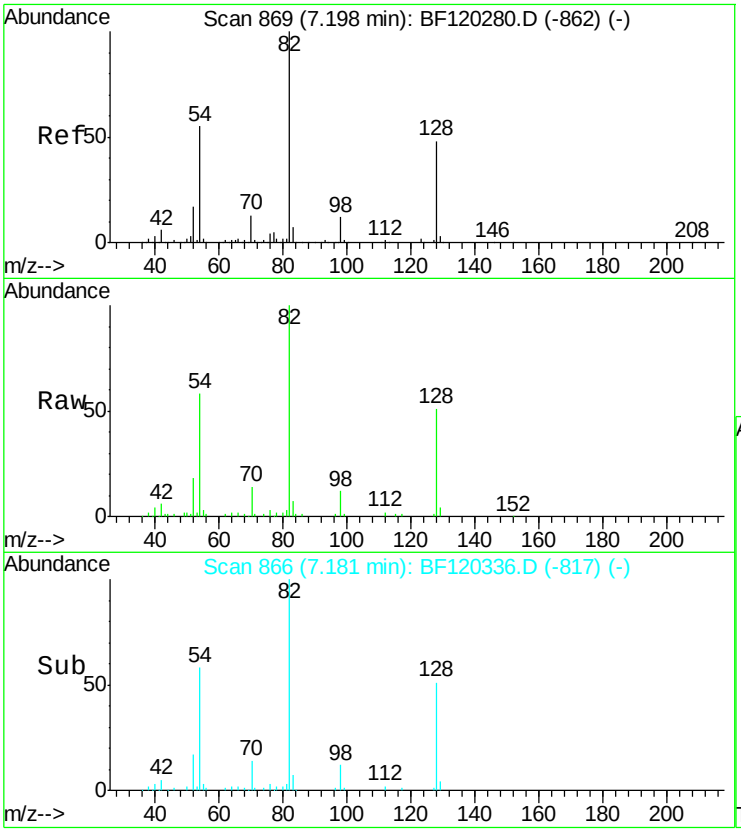


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Tgt Ion:136 Resp: 988216

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.5	7.9	11.9
68	5.9	5.4	8.2



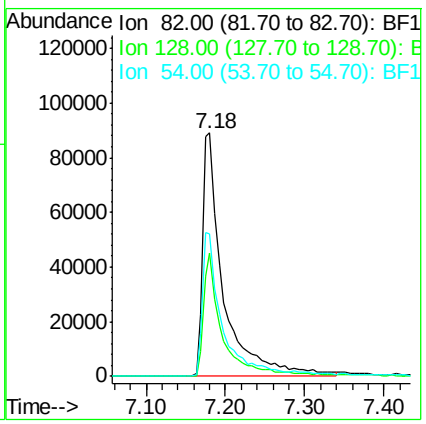


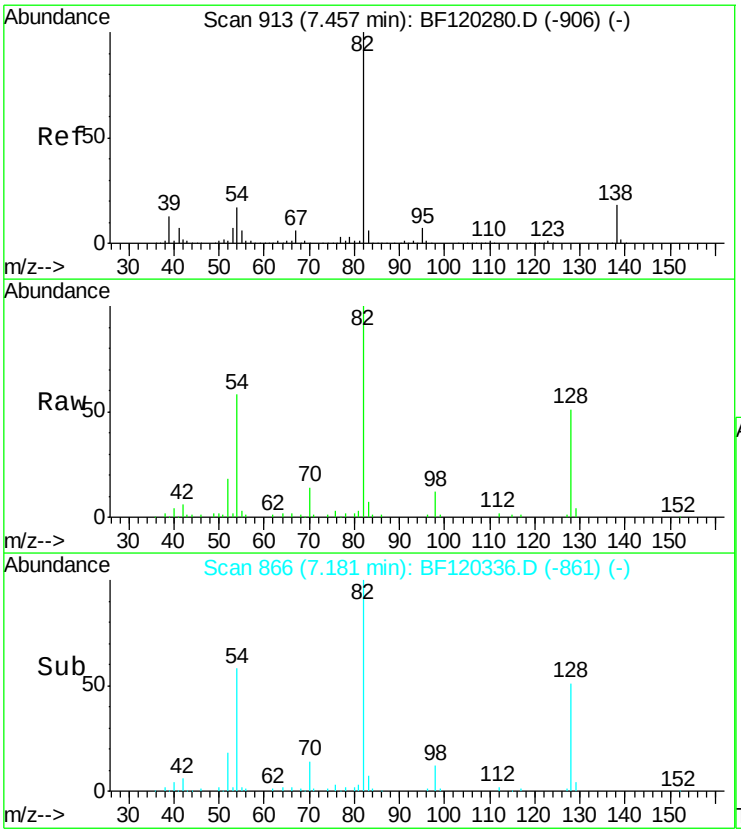
#23
Nitrobenzene-d5
Concen: 11.309 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 163228

Ion	Ratio	Lower	Upper
82	100		
128	50.9	38.3	57.5
54	58.4	43.9	65.9

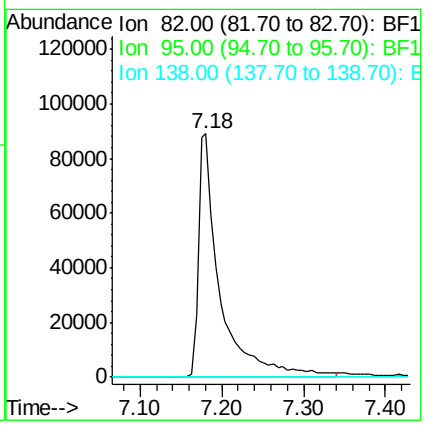


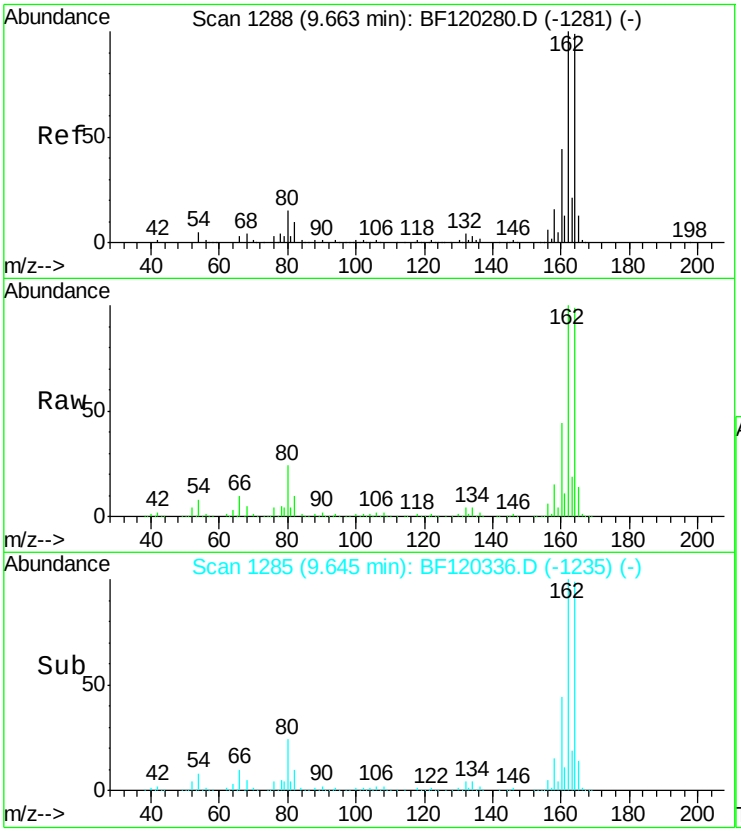


#25
Isophorone
Concen: 5.436 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.27 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Tgt Ion: 82 Resp: 163241

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.7	22.1#



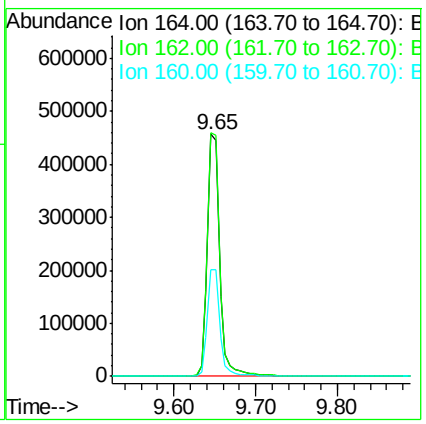


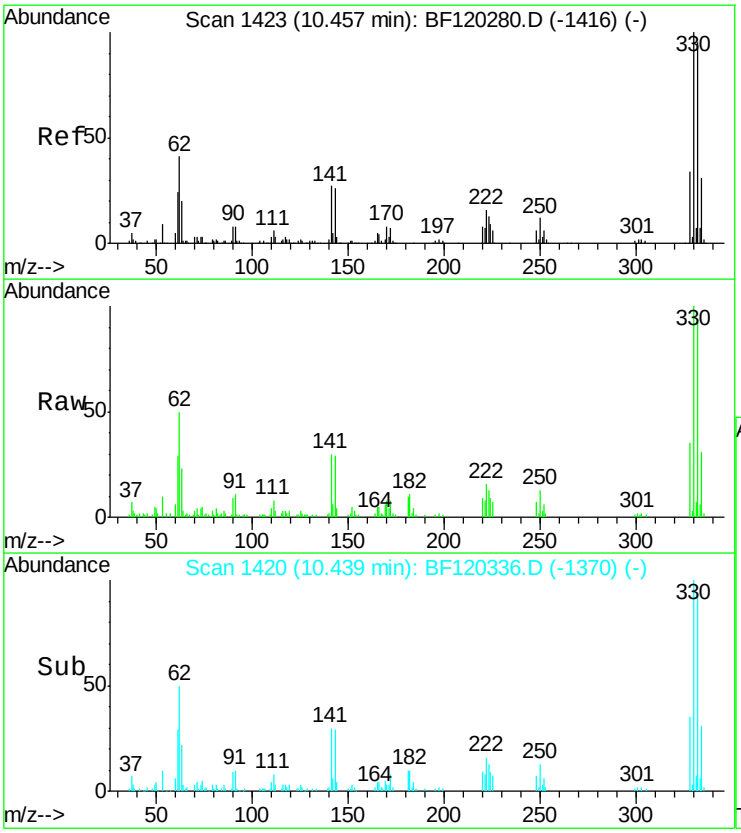
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 478224

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.2	121.8
160	44.0	35.8	53.6

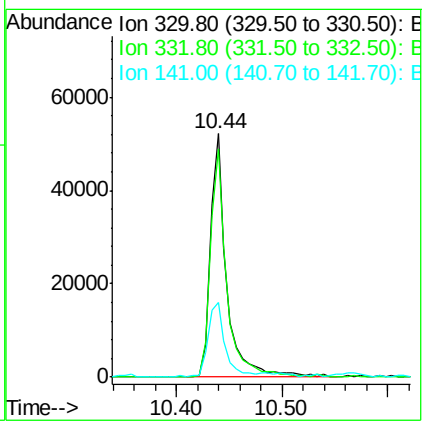


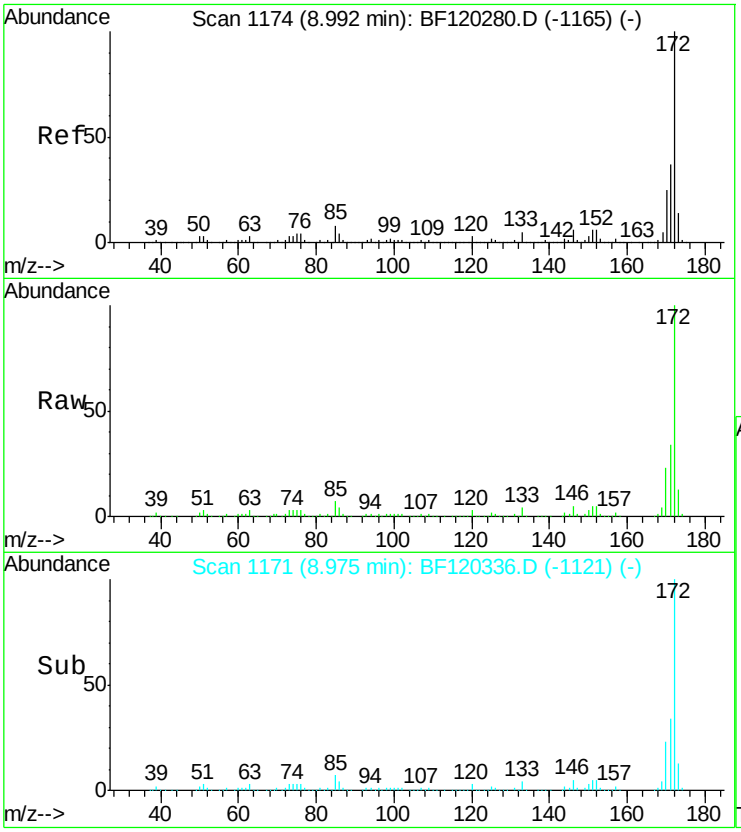


#42
2,4,6-Tribromophenol
Concen: 14.483 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Tgt Ion:330 Resp: 56473

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.5	114.7
141	34.0	25.4	38.0



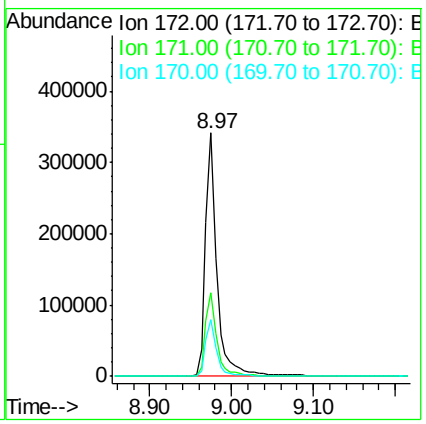


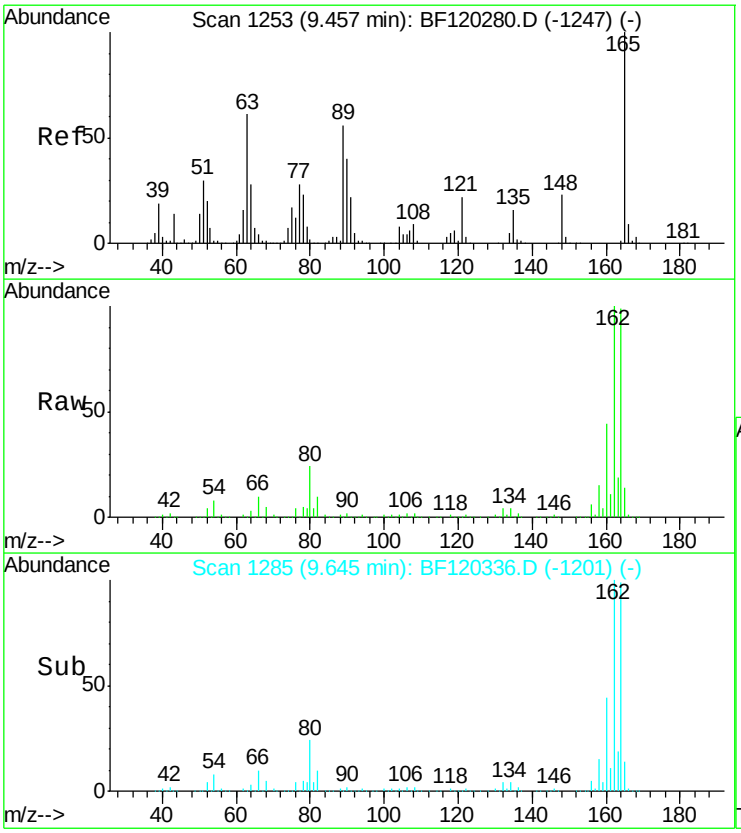
#45
2-Fluorobiphenyl
Concen: 14.420 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 335658

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.7	44.5
170	23.5	19.9	29.9

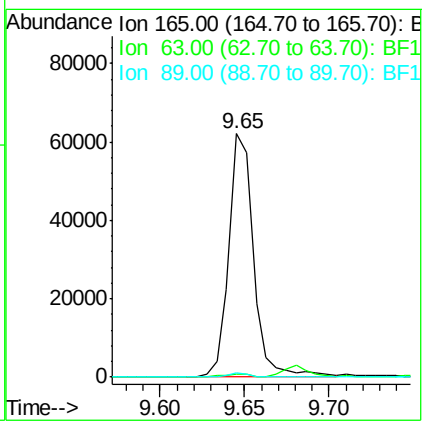


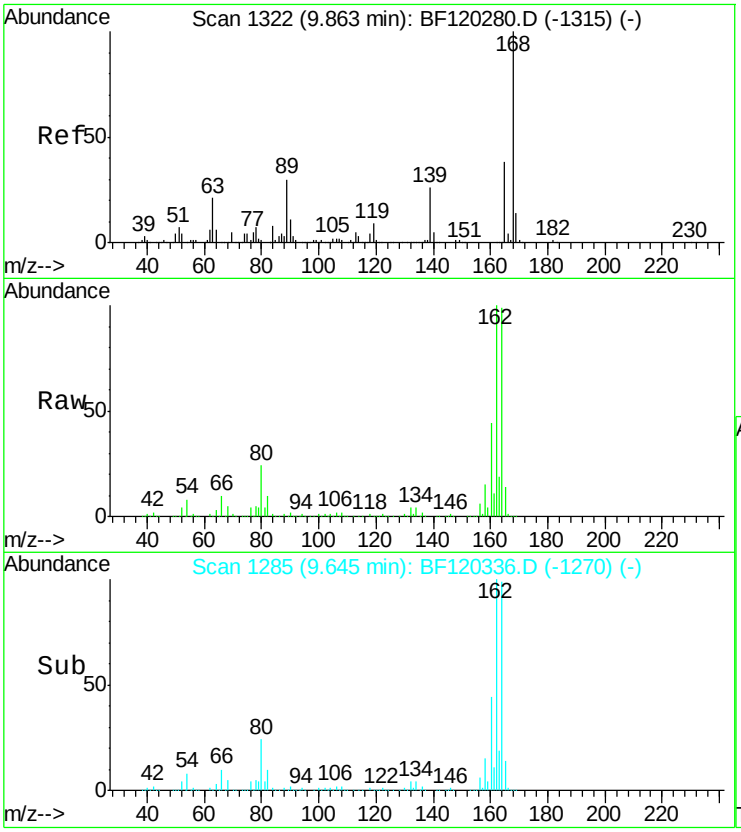


#51
2,6-Dinitrotoluene
Concen: 9.369 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.19 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Tgt Ion:165 Resp: 63217

Ion	Ratio	Lower	Upper
165	100		
63	1.3	50.2	75.2#
89	1.8	44.6	66.8#



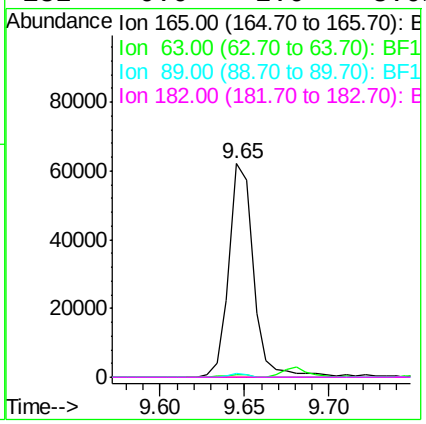


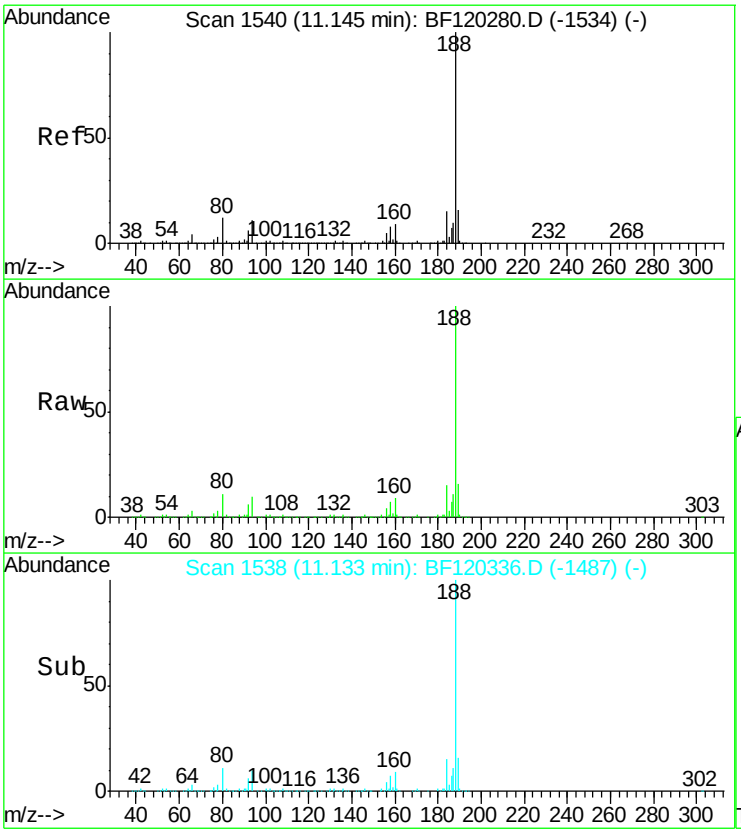
#57
2,4-Dinitrotoluene
Concen: 7.987 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.21 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 63217

Ion	Ratio	Lower	Upper
165	100		
63	1.3	51.8	77.8#
89	1.8	64.2	96.4#
182	0.0	2.0	3.0#

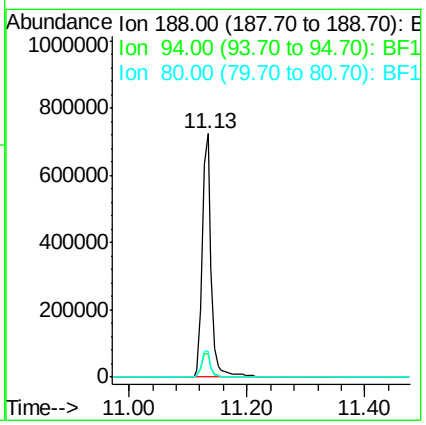


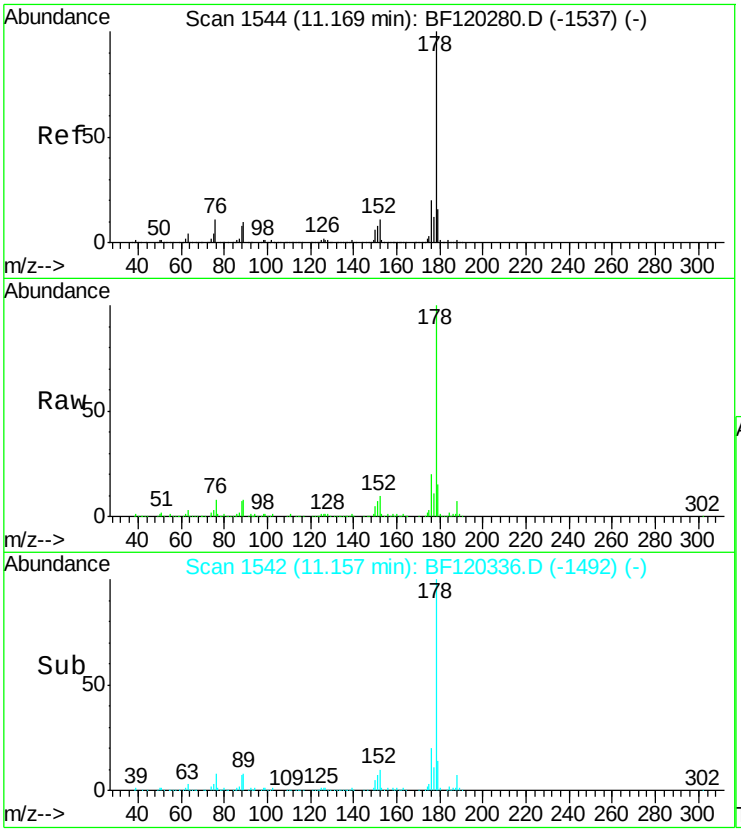


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.13 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Tgt Ion:188 Resp: 755593

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.6	13.0
80	10.6	9.2	13.8



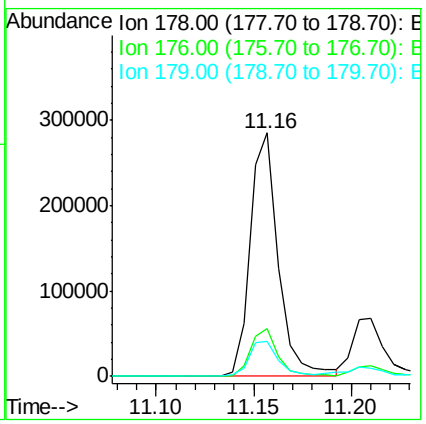


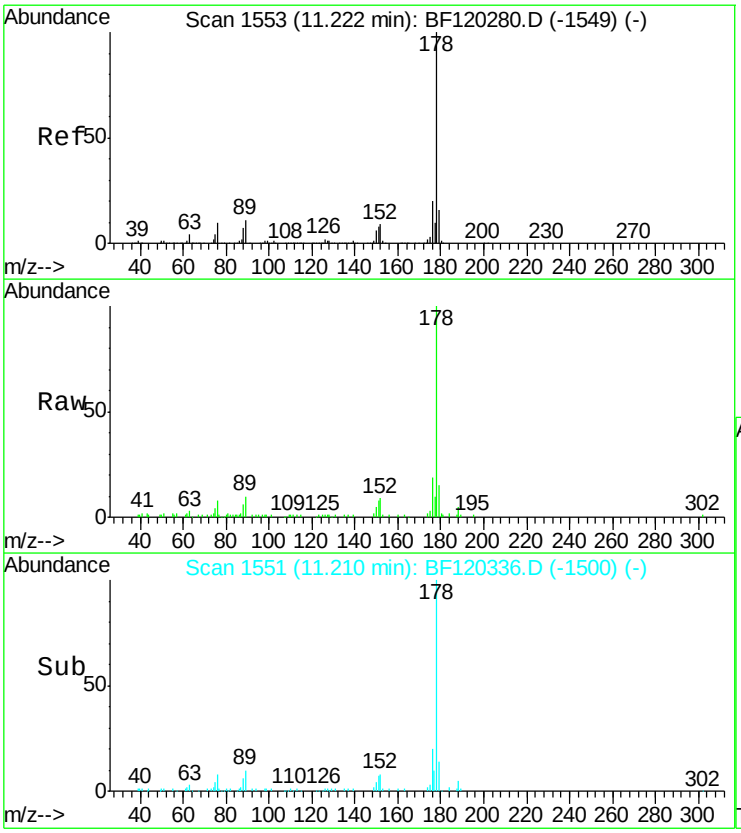
#71
Phenanthrene
Concen: 8.958 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 284409

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	14.5	12.8	19.2

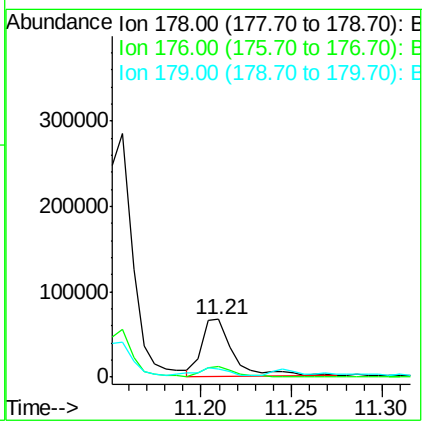


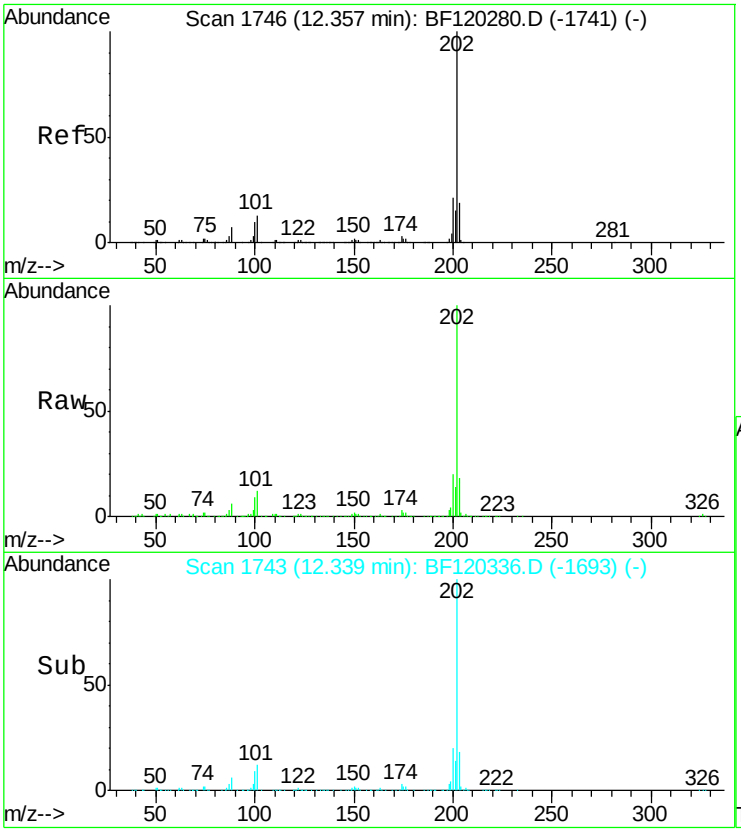


#72
Anthracene
Concen: 2.309 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Tgt Ion:178 Resp: 78476

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	14.9	13.0	19.6



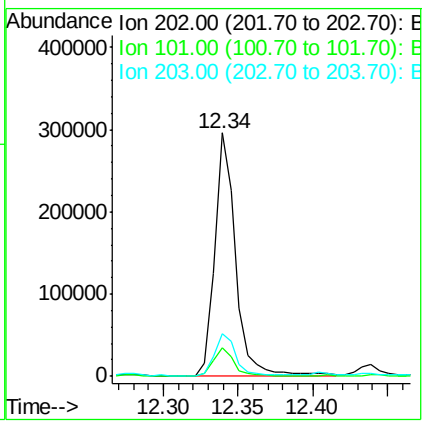


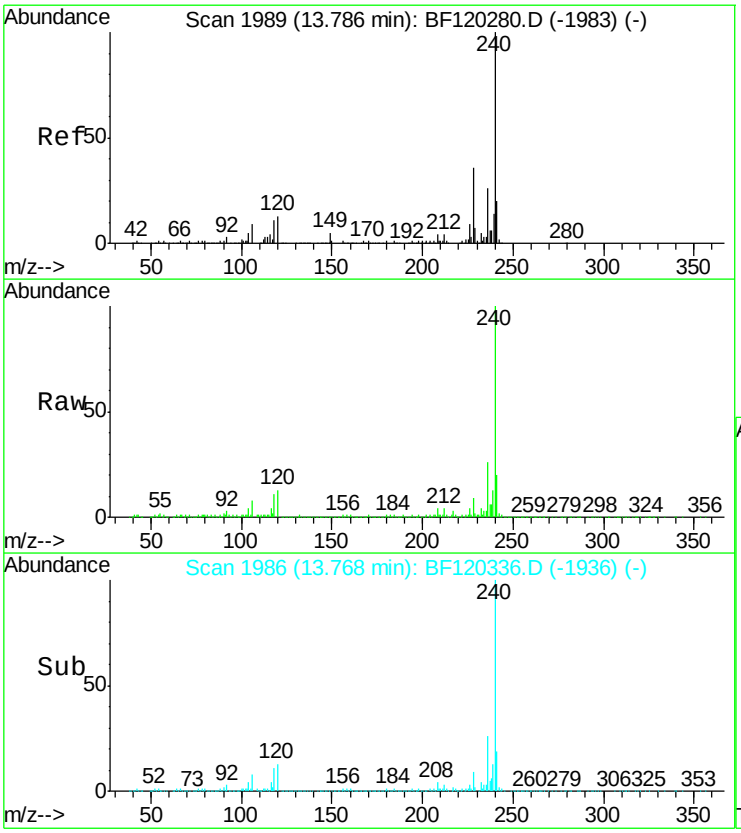
#75
Fluoranthene
Concen: 8.484 ng
RT: 12.34 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 288712

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	33.2
203	17.6	0.0	39.1

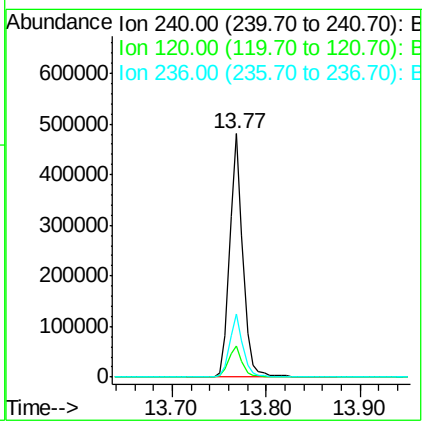


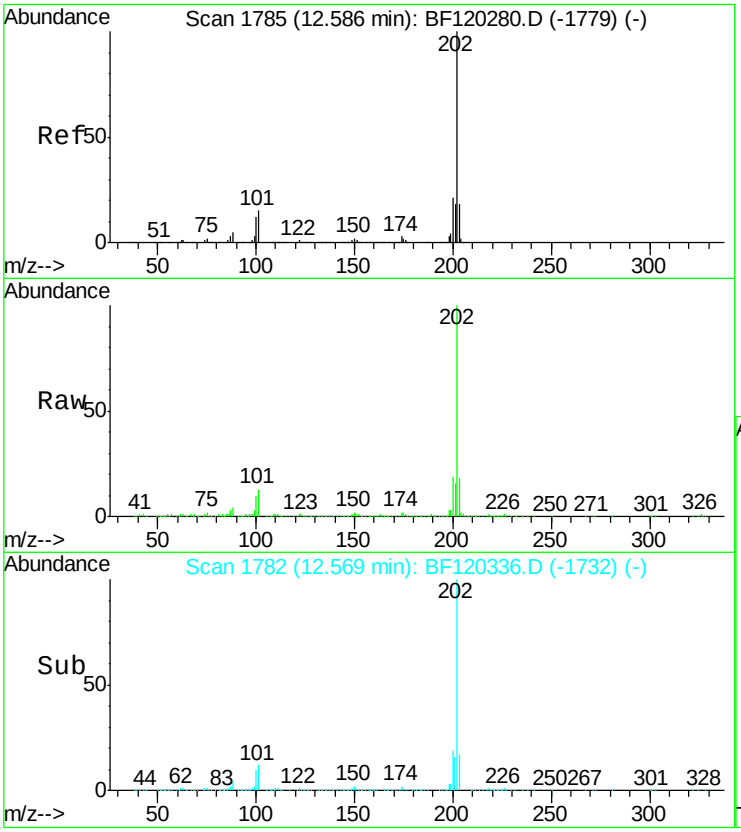


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Tgt Ion:240 Resp: 462897

Ion	Ratio	Lower	Upper
240	100		
120	13.0	10.4	15.6
236	25.8	21.0	31.6



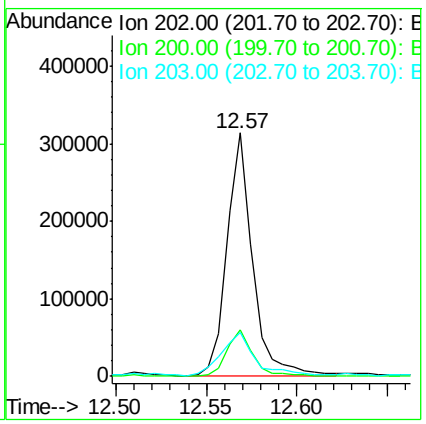


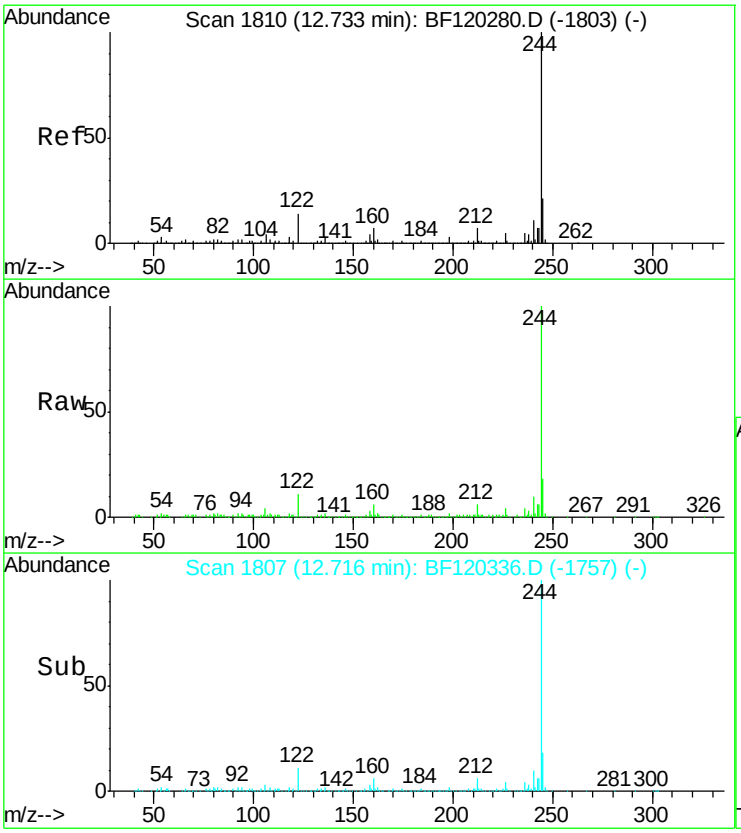
#78
Pyrene
Concen: 9.313 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 307344

Ion	Ratio	Lower	Upper
202	100		
200	18.9	16.6	25.0
203	17.9	14.6	22.0

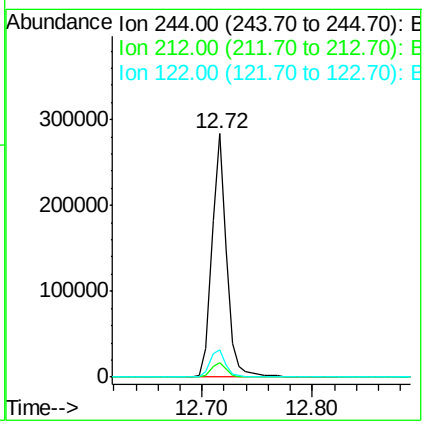


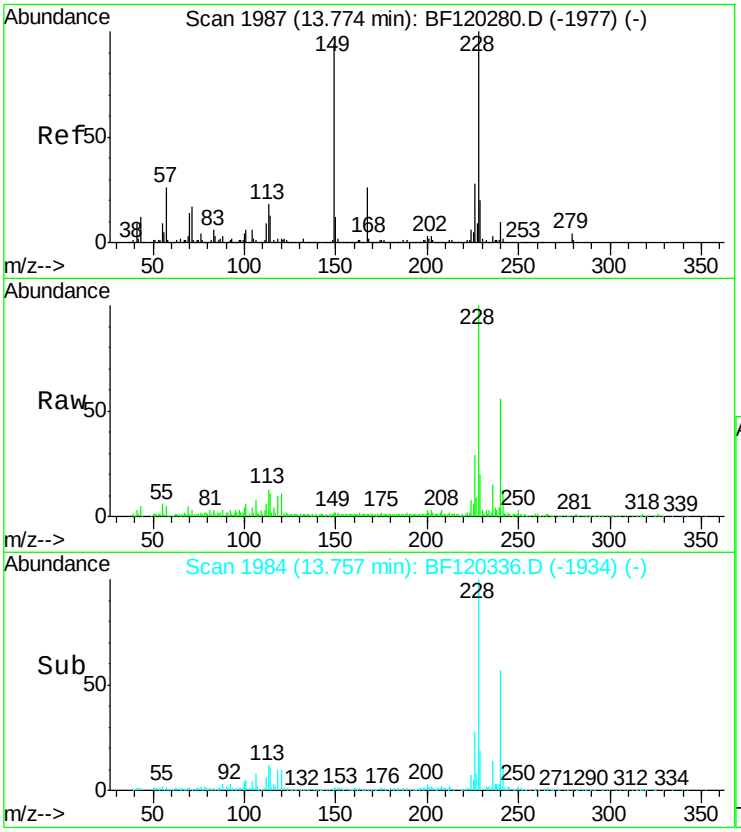


#79
Terphenyl-d14
Concen: 12.263 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Tgt Ion:244 Resp: 256948

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.8	8.6
122	11.0	10.8	16.2



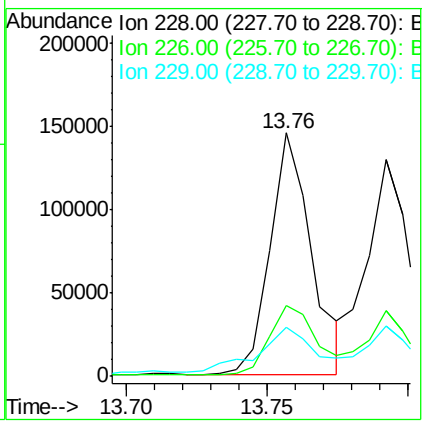


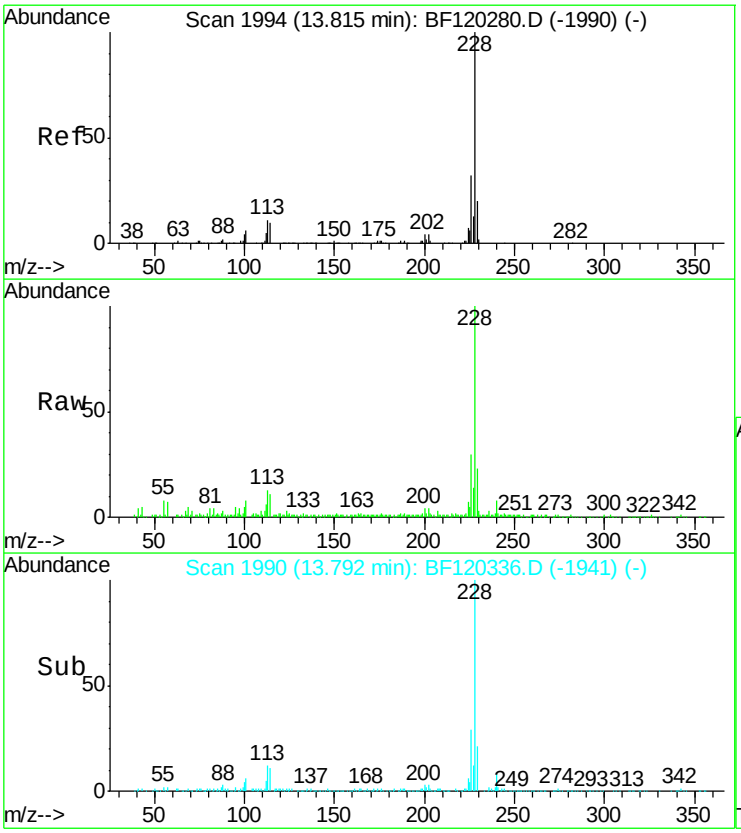
#81
Benzo(a)anthracene
Concen: 6.058 ng
RT: 13.76 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 147907

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	20.1	16.4	24.6

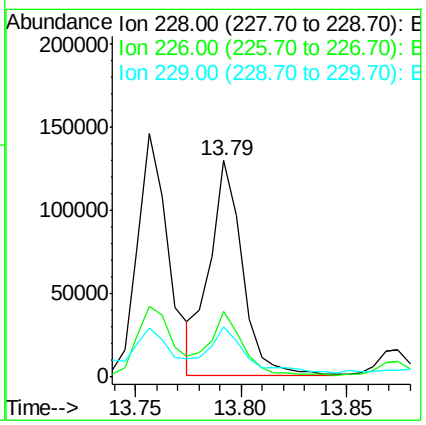


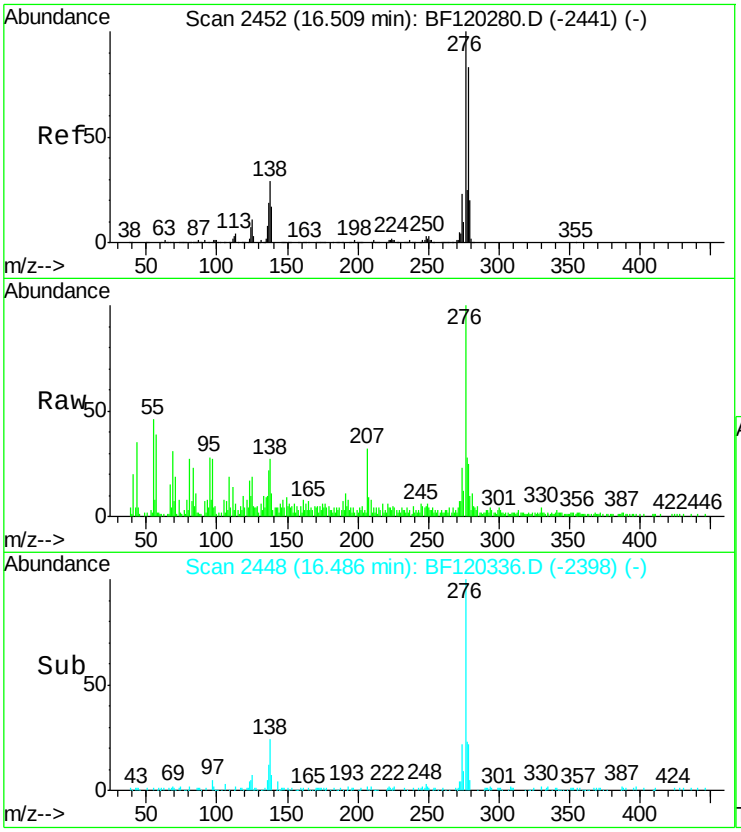


#83
Chrysene
Concen: 5.304 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Tgt Ion:228 Resp: 139059

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	23.4	16.2	24.4



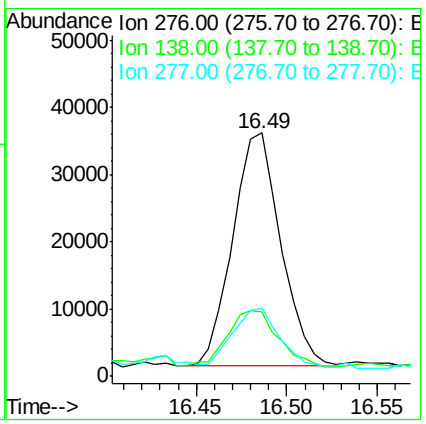


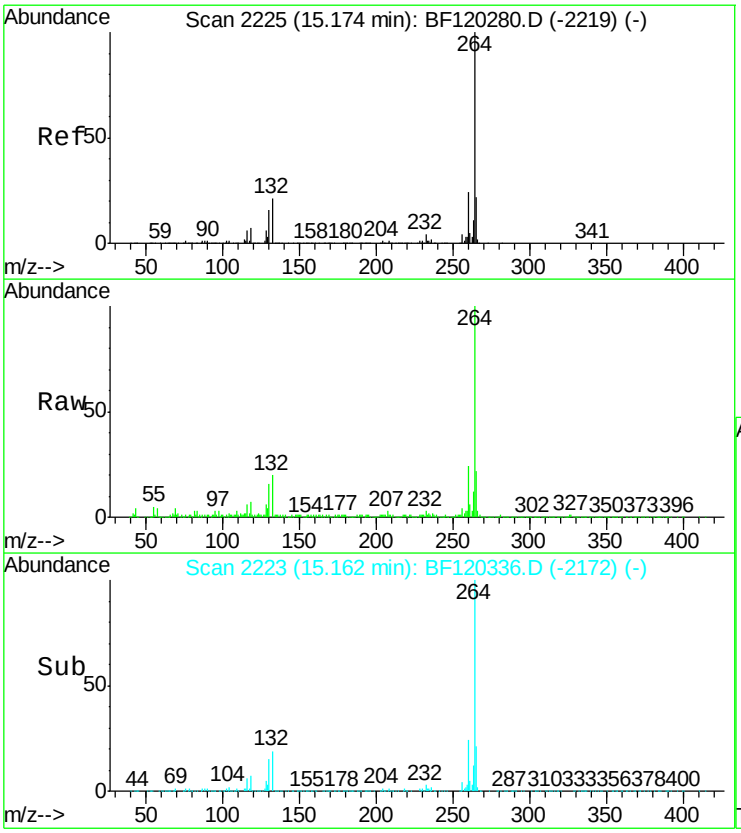
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.681 ng
RT: 16.49 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 63785

Ion	Ratio	Lower	Upper
276	100		
138	27.4	23.3	34.9
277	27.7	20.2	30.4

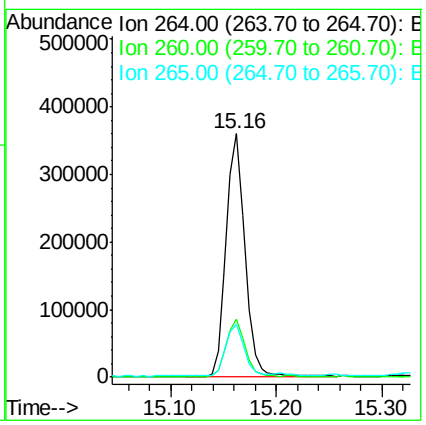


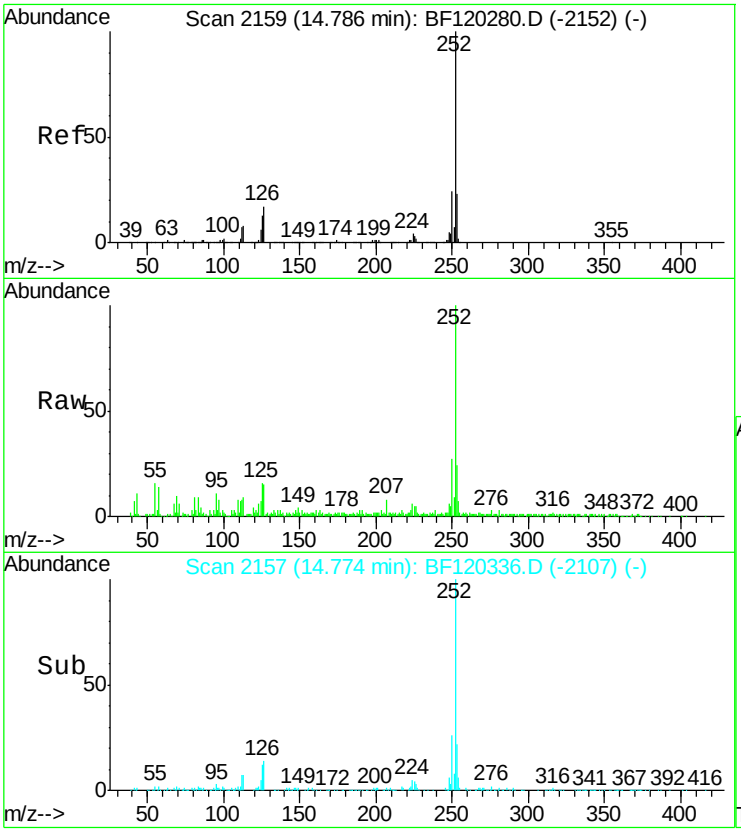


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Tgt Ion:264 Resp: 443907

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.8	17.5	26.3



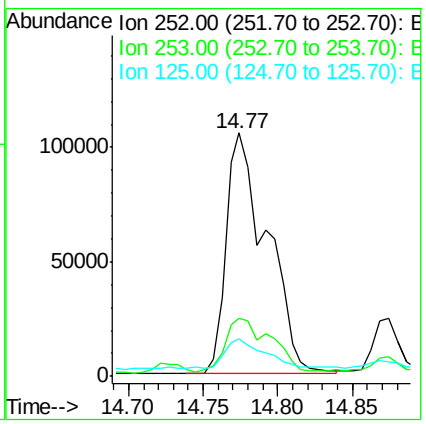


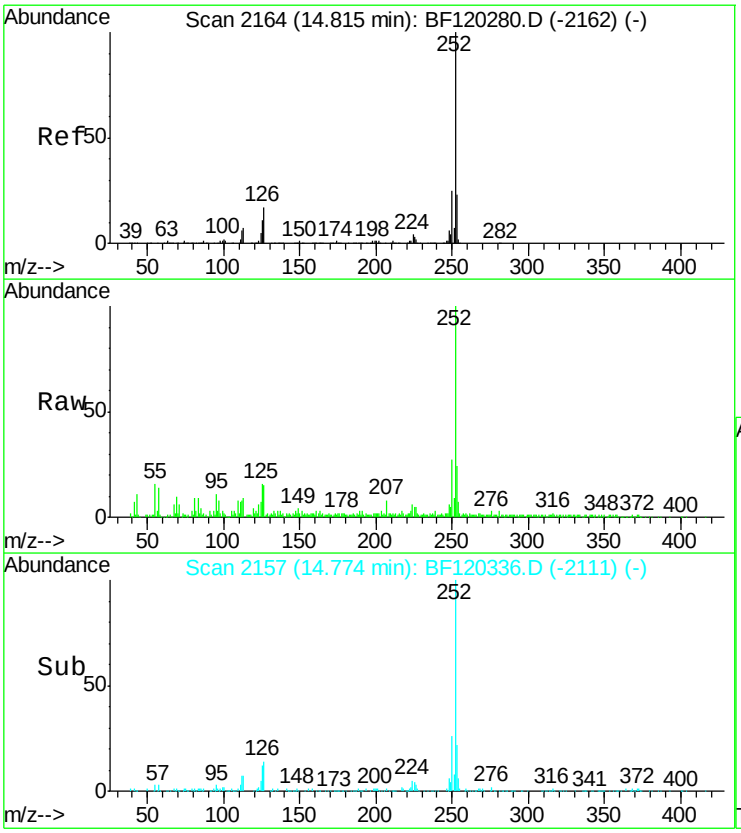
#88
Benzo(b)fluoranthene
Concen: 8.297 ng
RT: 14.77 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 201137

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	15.6	10.4	15.6

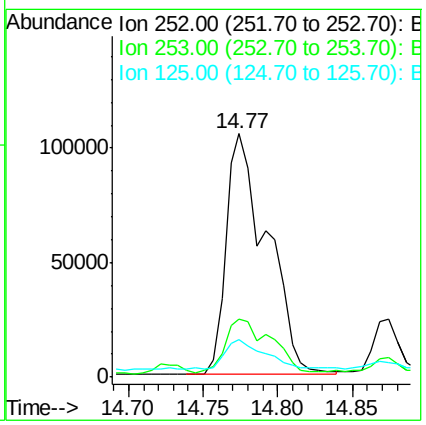


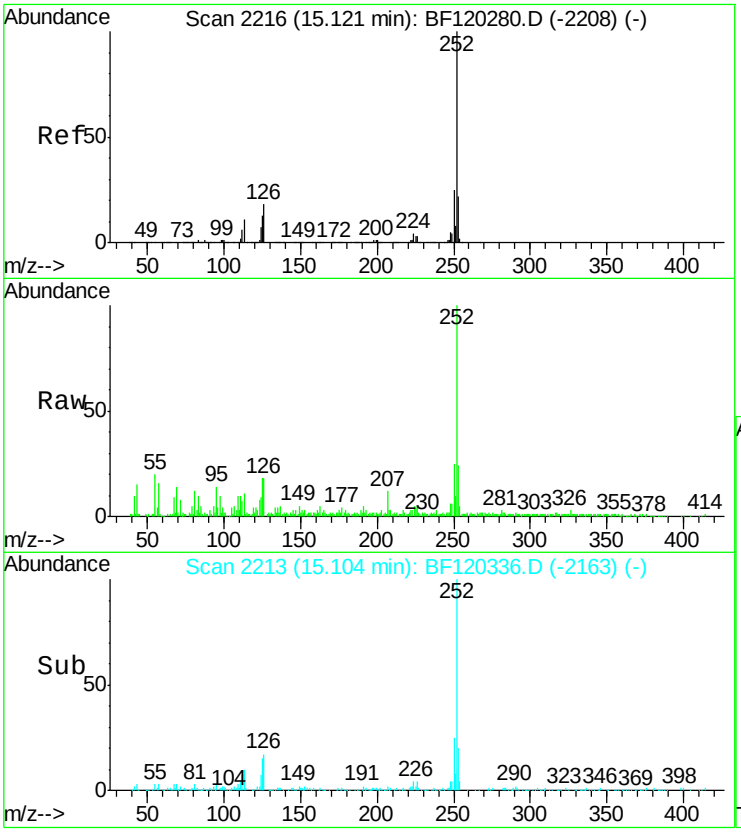


#89
Benzo(k)fluoranthene
Concen: 9.576 ng
RT: 14.77 min Scan# 2157
Delta R.T. -0.03 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Tgt Ion:252 Resp: 201137

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	15.6	9.9	14.9#



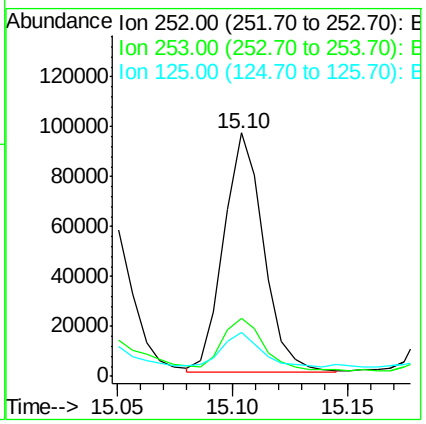


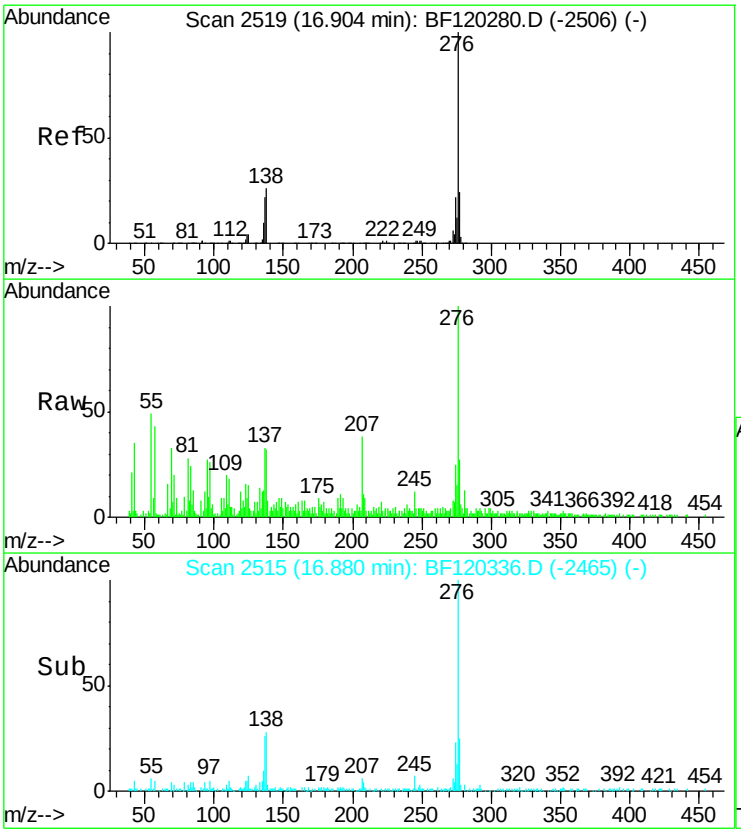
#90
Benzo(a)pyrene
Concen: 5.319 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 115653

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	18.0	10.6	16.0#





#92
Benzo(g,h,i)perylene
Concen: 3.838 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BF120336.D
Acq: 15 May 2020 22:03

Tgt Ion:276 Resp: 74542

Ion	Ratio	Lower	Upper
276	100		
277	27.3	19.1	28.7
138	31.6	20.8	31.2#