Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120069.D
Acq On : 17 Apr 2020 19:48
Operator : MA/SJ
Sample : L2242-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 18 01:39:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 10:51:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	151716	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	510163	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	208886	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	357597	20.00	ng		0.00
76) Chrysene-d12	13.89	240	252266	20.00	ng		-0.01
87) Perylene-d12	15.32	264	210579	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	812081	92.50	ng		0.00
7) Phenol-d6	6.37	99	1035785	91.56	ng		0.00
23) Nitrobenzene-d5	7.29	82	616228	62.49	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	162428	63.51	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	985273	66.97	ng		0.00
79) Terphenyl-d14	12.84	244	890269	59.38	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.36	77	1301	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.29	70	81206	11.164	ng	#	75
25) Isophorone	7.29	82	609632	32.069	ng	#	65
50) Dimethylphthalate	9.49	163	157144	9.726	ng		99
57) 2,4-Dinitrotoluene	9.77	165	26860	5.762	ng	#	22
67) 4-Bromophenyl-phenylether	10.56	248	10540	2.370	ng	#	1
71) Phenanthrene	11.27	178	66855	3.513	ng		99
75) Fluoranthene	12.47	202	109300	5.323	ng		95
78) Pyrene	12.69	202	94532	4.445	ng		98
81) Benzo(a)anthracene	13.89	228	51075	3.078	ng		93
83) Chrysene	13.92	228	54301	3.220	ng		95
88) Benzo(b)fluoranthene	14.91	252	81050	5.350	ng	#	97
89) Benzo(k)fluoranthene	14.91	252	81050	6.201	ng	#	98
90) Benzo(a)pyrene	15.26	252	40222	3.158	ng	#	90

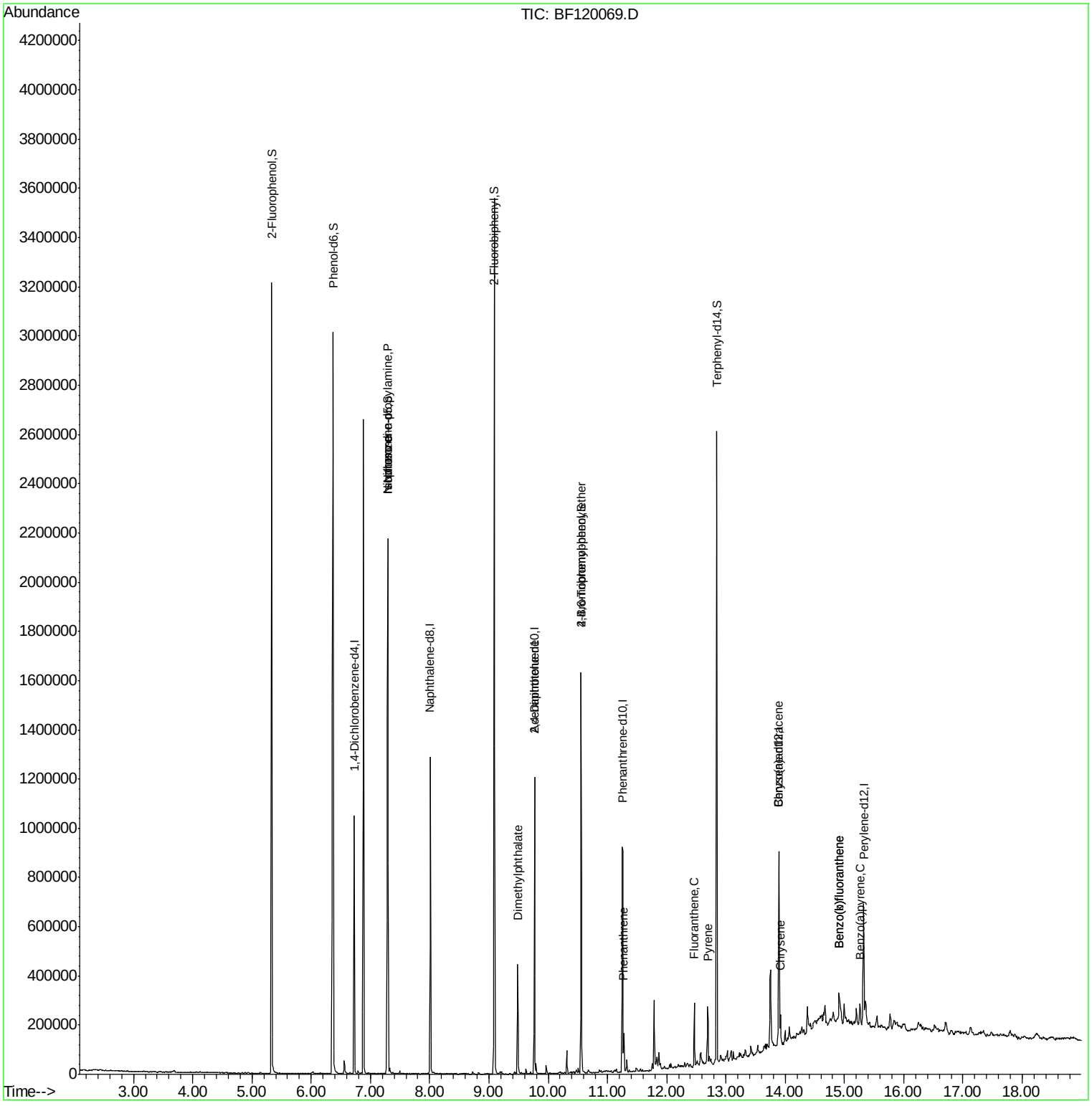
(#) = qualifier out of range (m) = manual integration (+) = signals summed

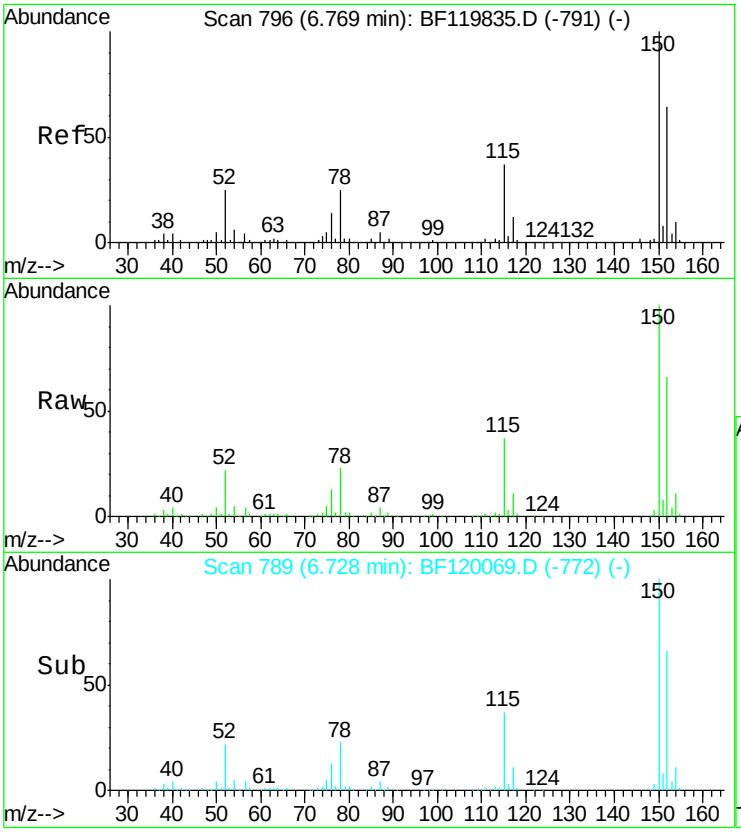
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120069.D
Acq On : 17 Apr 2020 19:48
Operator : MA/SJ
Sample : L2242-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 18 01:39:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 10:51:37 2020
Response via : Initial Calibration



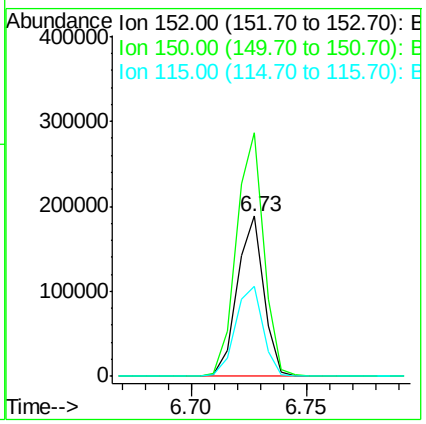


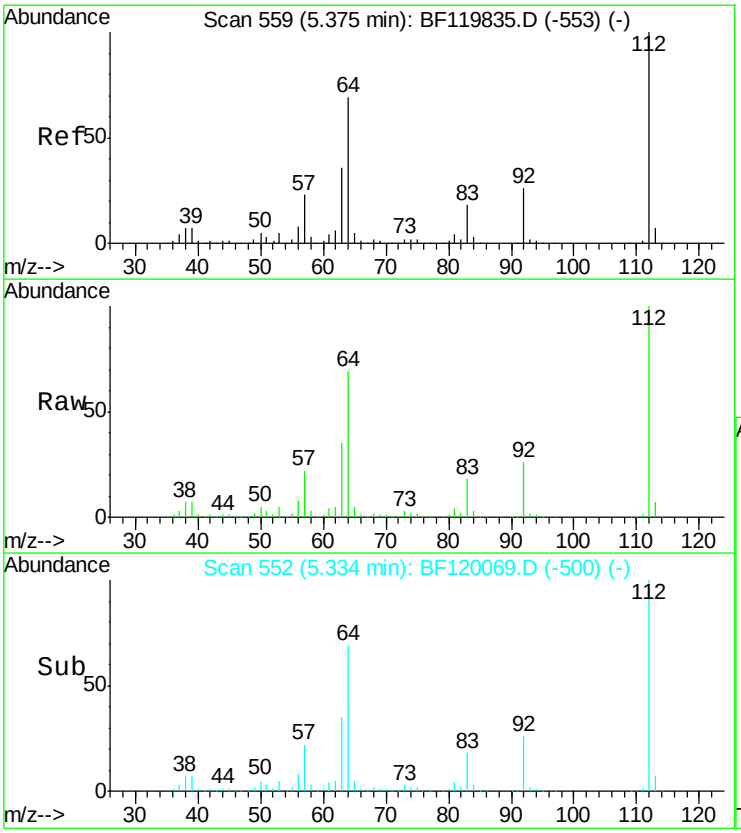
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 151716

Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.8	187.2
115	56.4	46.5	69.7

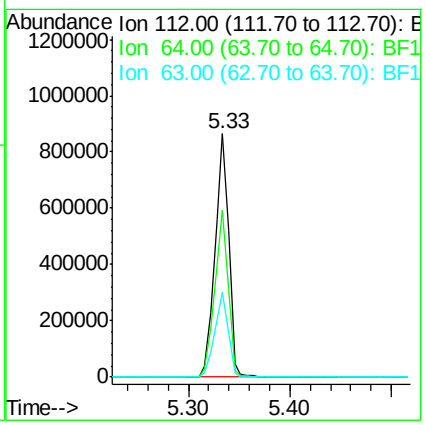


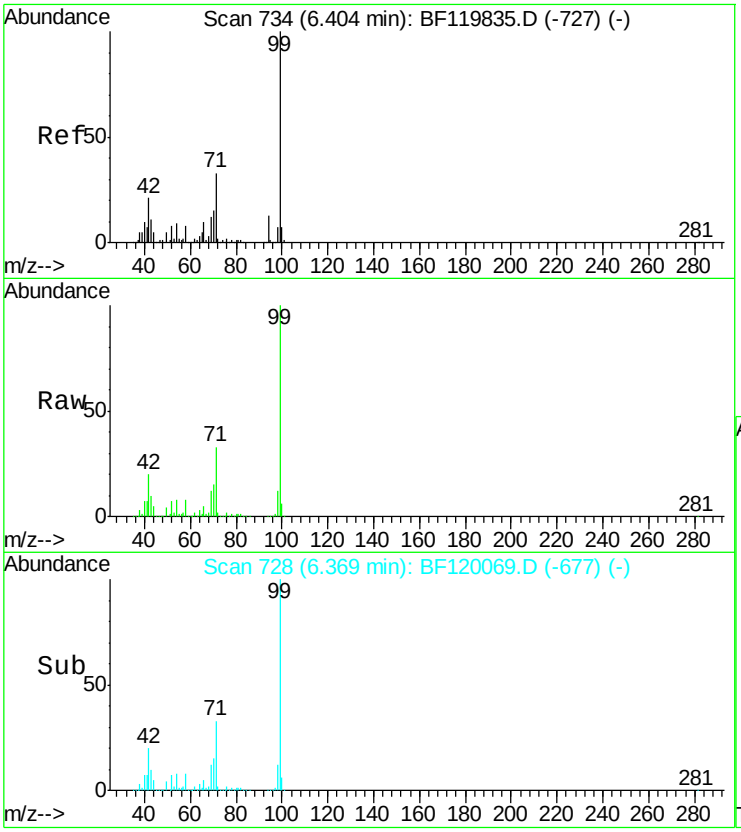


#5
2-Fluorophenol
Concen: 92.503 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Tgt Ion:112 Resp: 812081

Ion	Ratio	Lower	Upper
112	100		
64	68.6	55.5	83.3
63	34.9	29.1	43.7



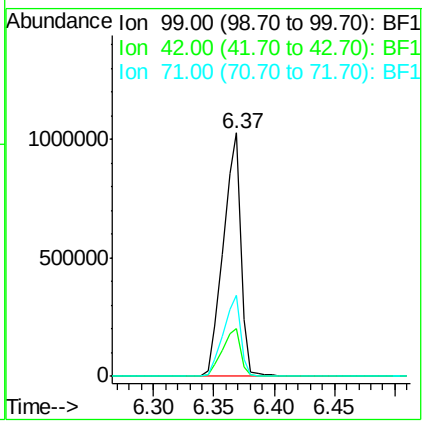


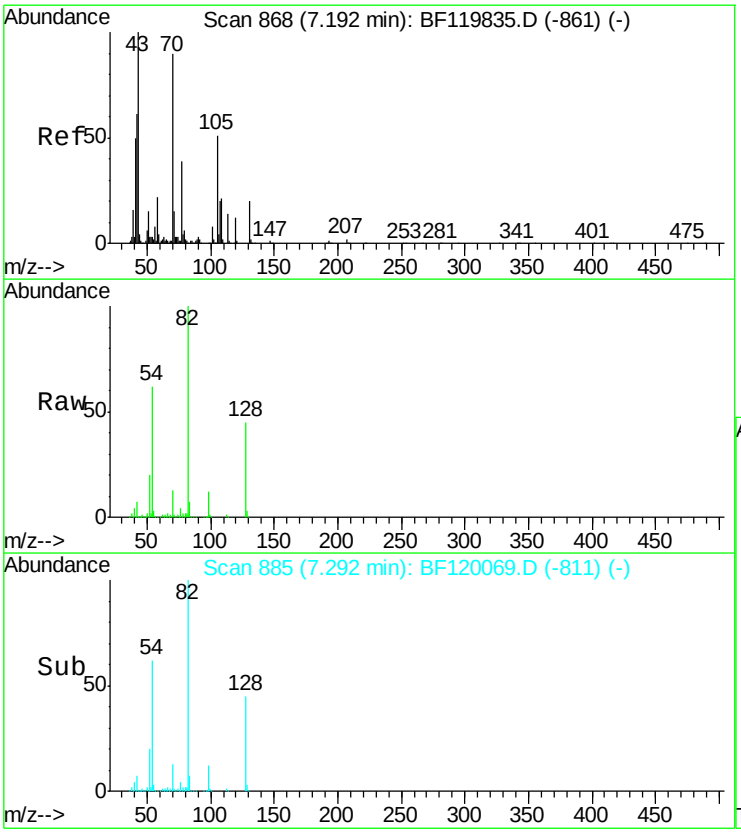
#7
Phenol-d6
Concen: 91.565 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1035785

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.9	25.3
71	33.2	26.3	39.5

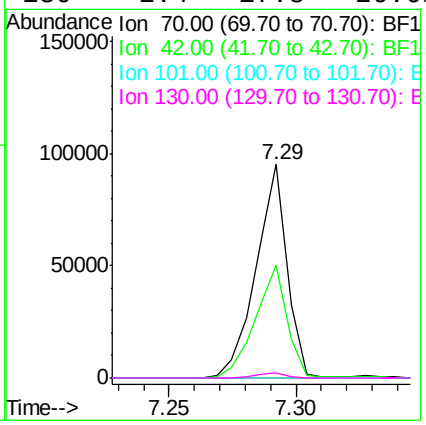


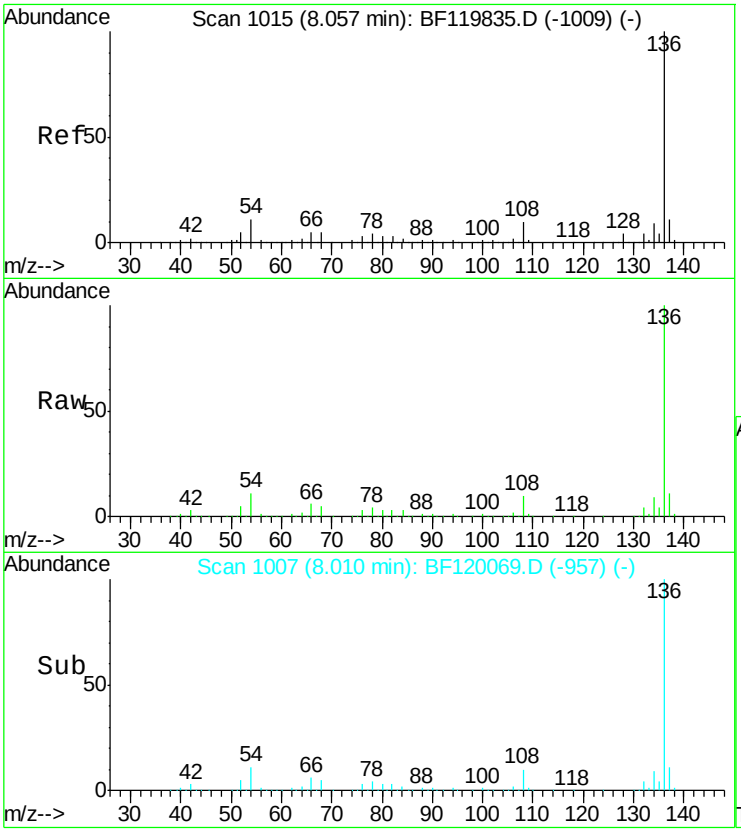


#19
n-Nitroso-di-n-propylamine
Concen: 11.164 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Tgt Ion: 70 Resp: 81206

Ion	Ratio	Lower	Upper
70	100		
42	52.6	54.2	81.4#
101	0.0	7.4	11.2#
130	2.4	17.8	26.6#



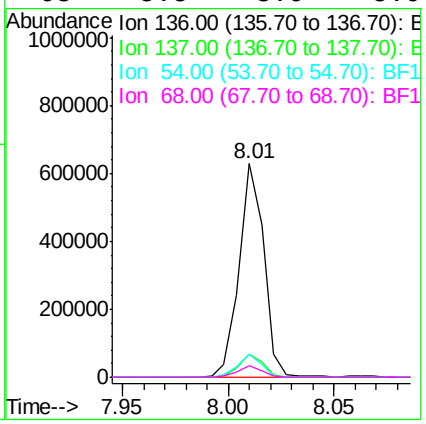


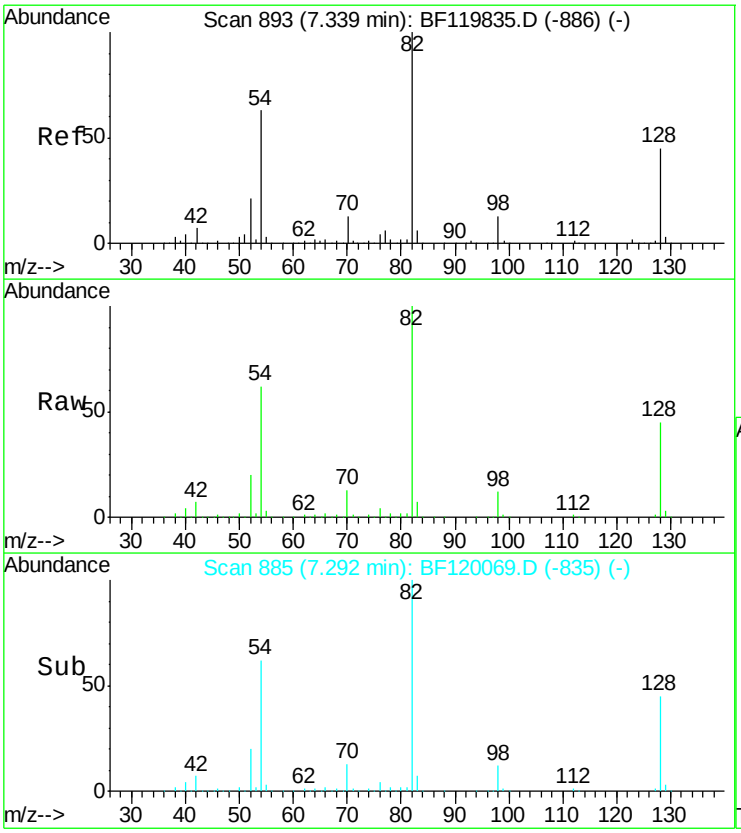
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 510163

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	10.8	8.5	12.7
68	5.5	3.9	5.9

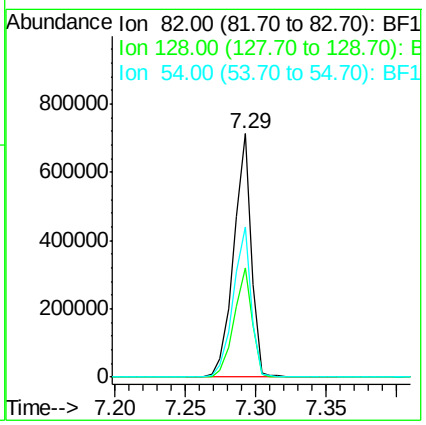


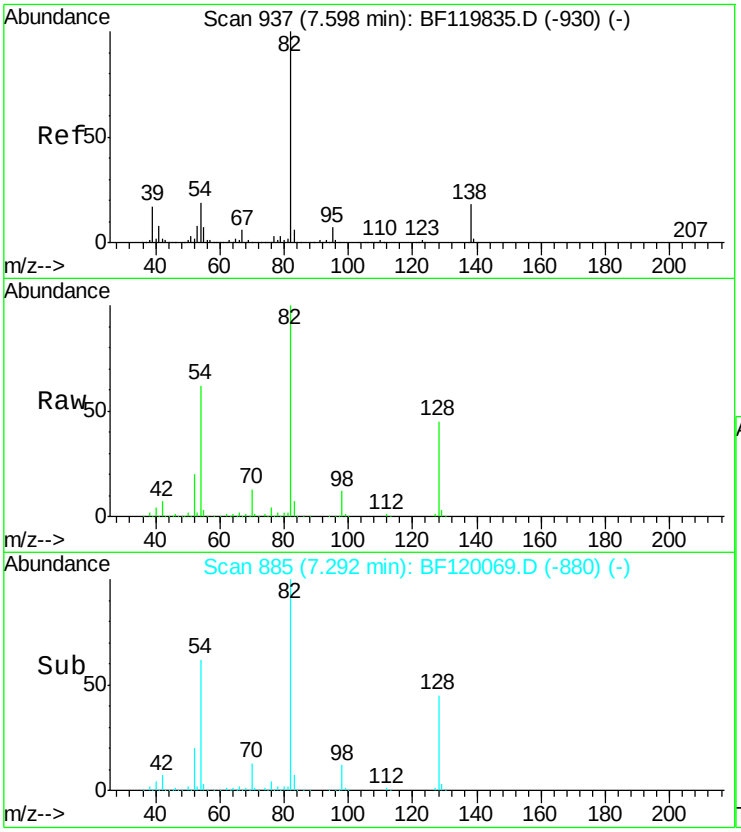


#23
Nitrobenzene-d5
Concen: 62.489 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Tgt Ion: 82 Resp: 616228

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.2	54.4
54	61.8	50.4	75.6



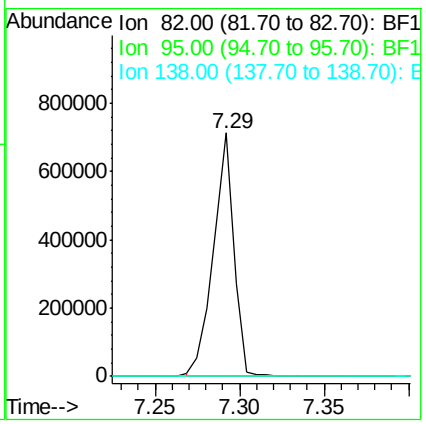


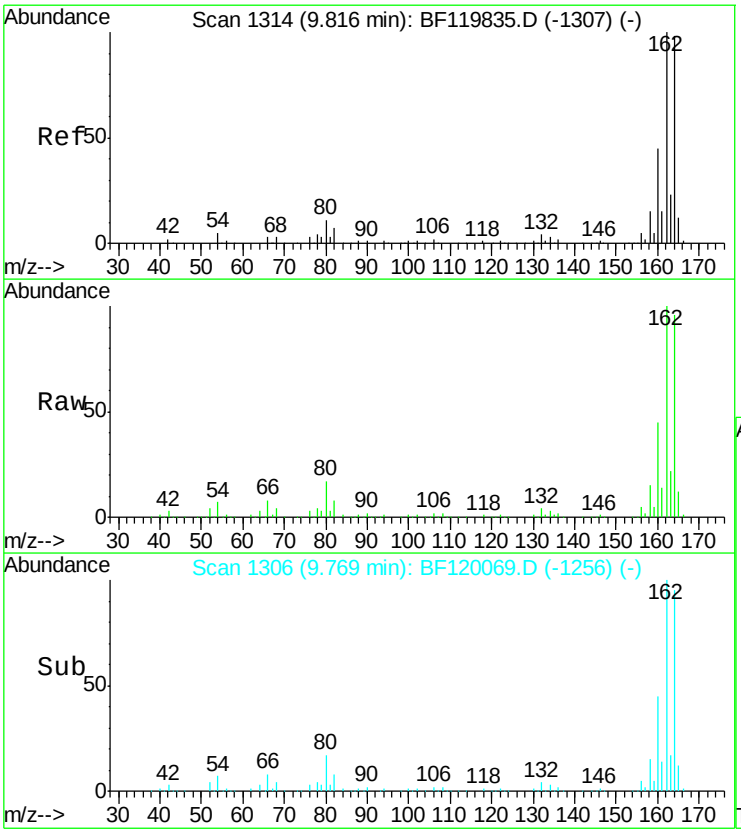
#25
Isophorone
Concen: 32.069 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 609632

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.5	21.7#

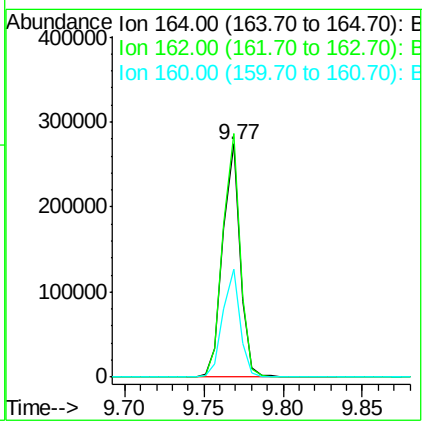


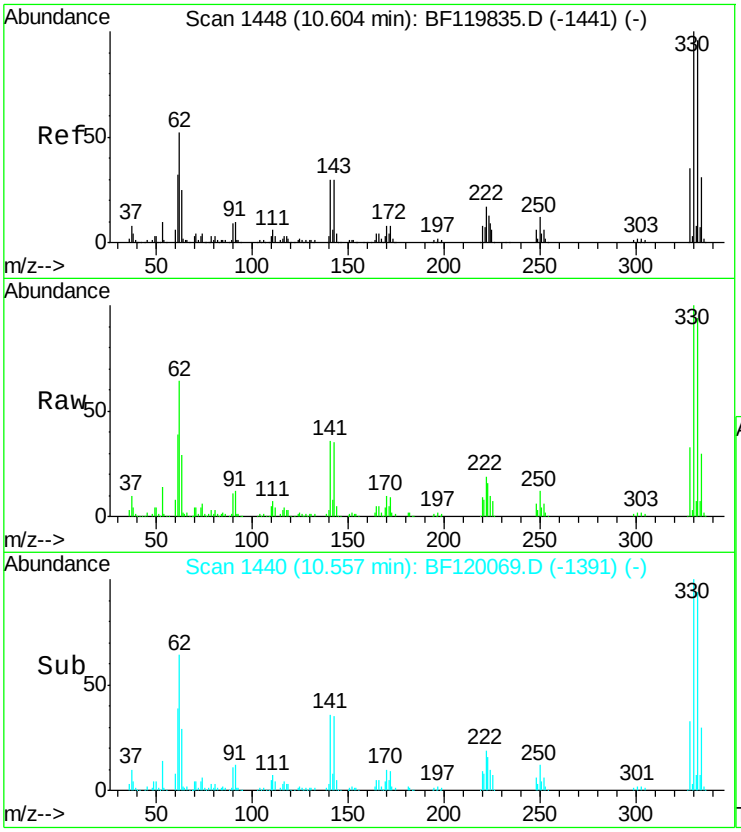


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Tgt Ion:164 Resp: 208886

Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.9	122.9
160	46.6	36.6	54.8



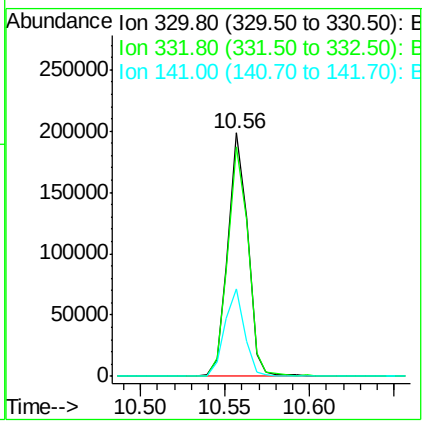


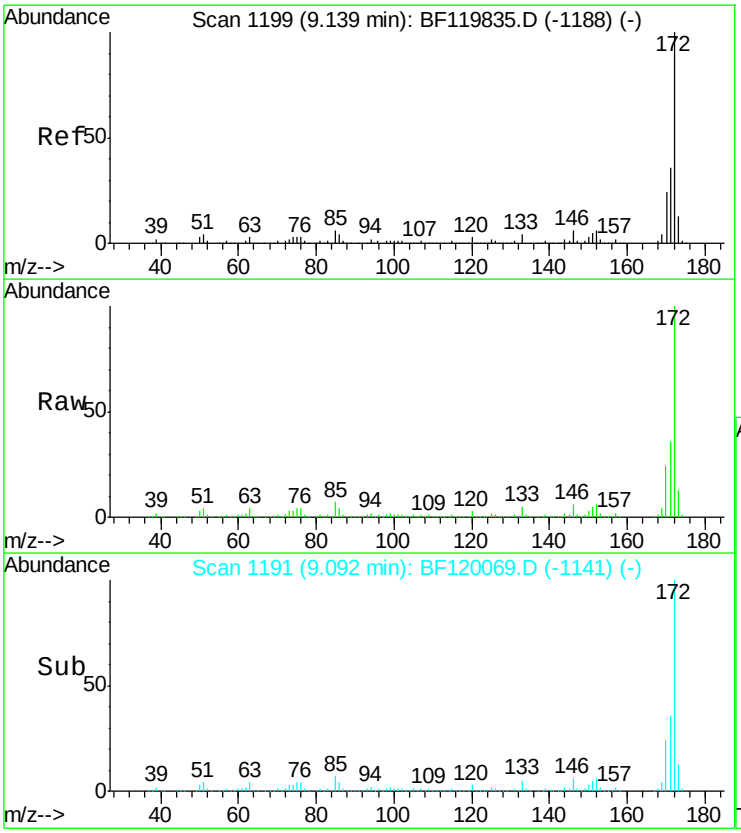
#42
2,4,6-Tribromophenol
Concen: 63.511 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 162428

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	36.0	25.1	37.7

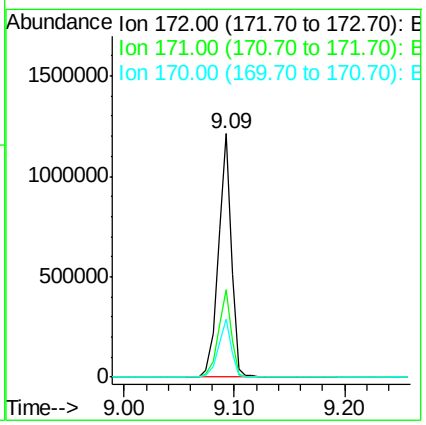


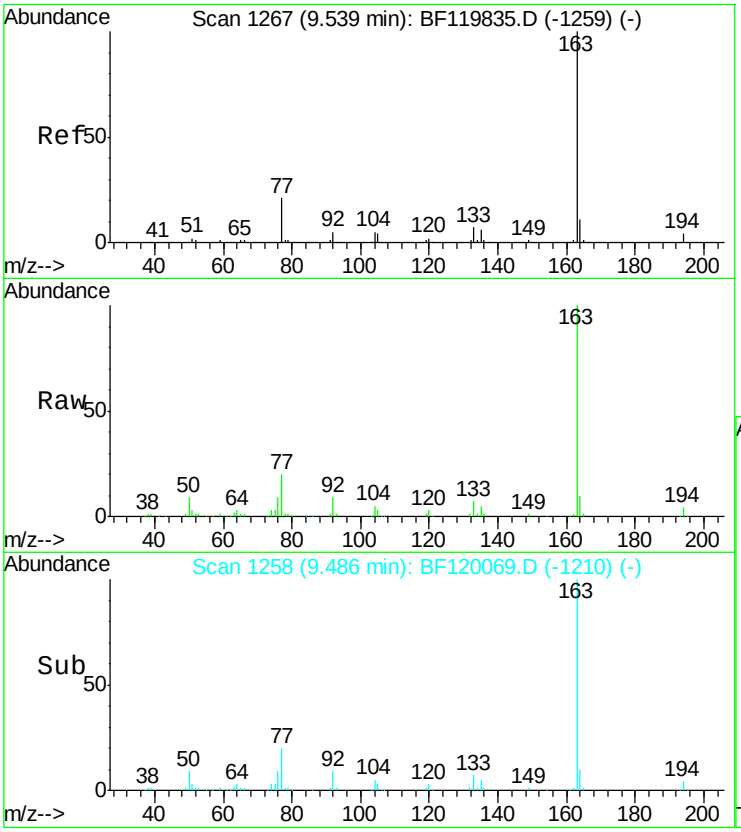


#45
2-Fluorobiphenyl
Concen: 66.968 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Tgt Ion:172 Resp: 985273

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.8	19.4	29.2



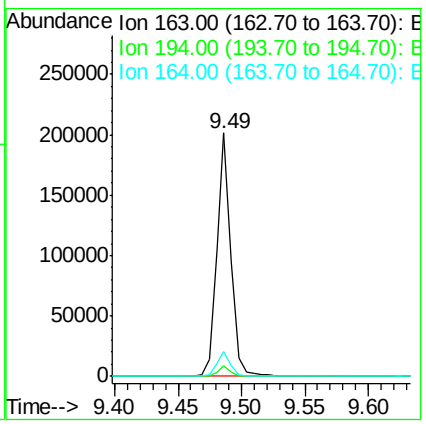


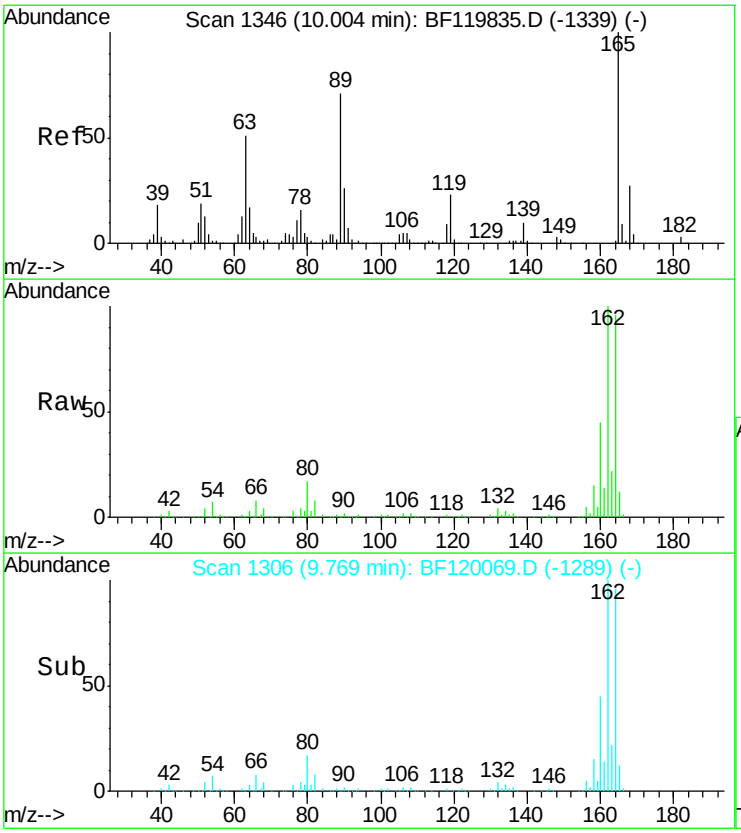
#50
Dimethylphthalate
Concen: 9.726 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 157144

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.4
164	10.1	8.4	12.6

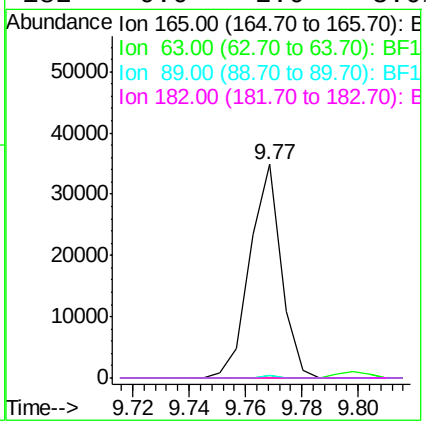


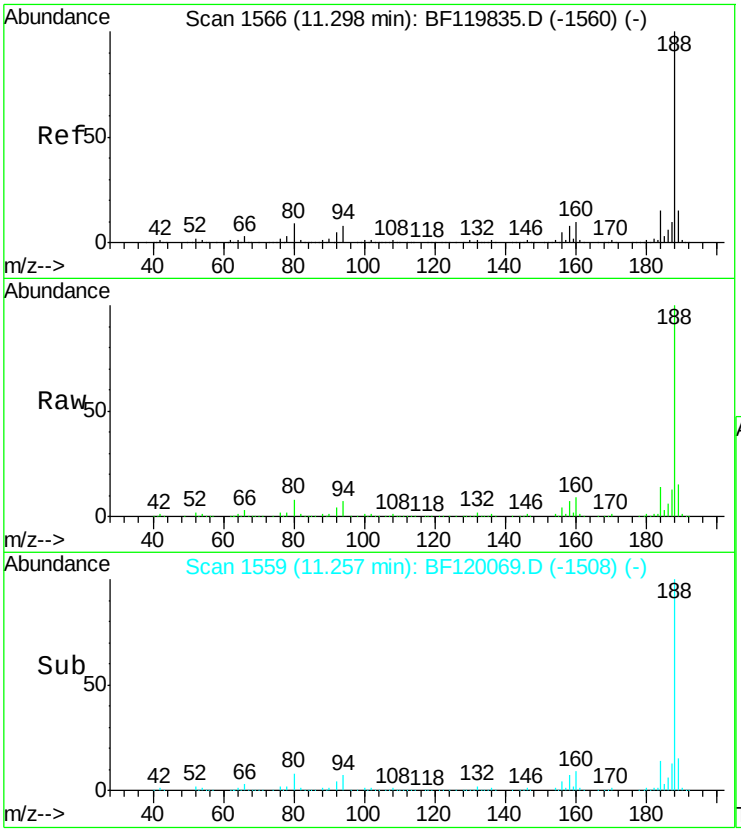


#57
2,4-Dinitrotoluene
Concen: 5.762 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.20 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Tgt Ion:165 Resp: 26860

Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.8	61.2#
89	1.0	56.9	85.3#
182	0.0	2.0	3.0#



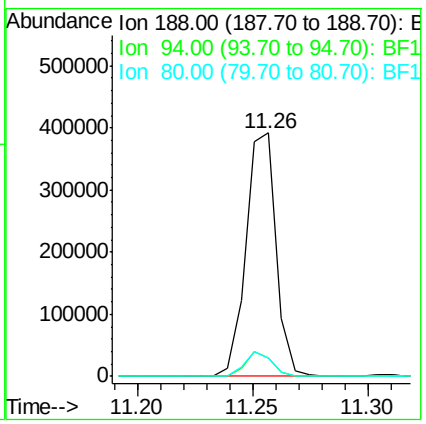


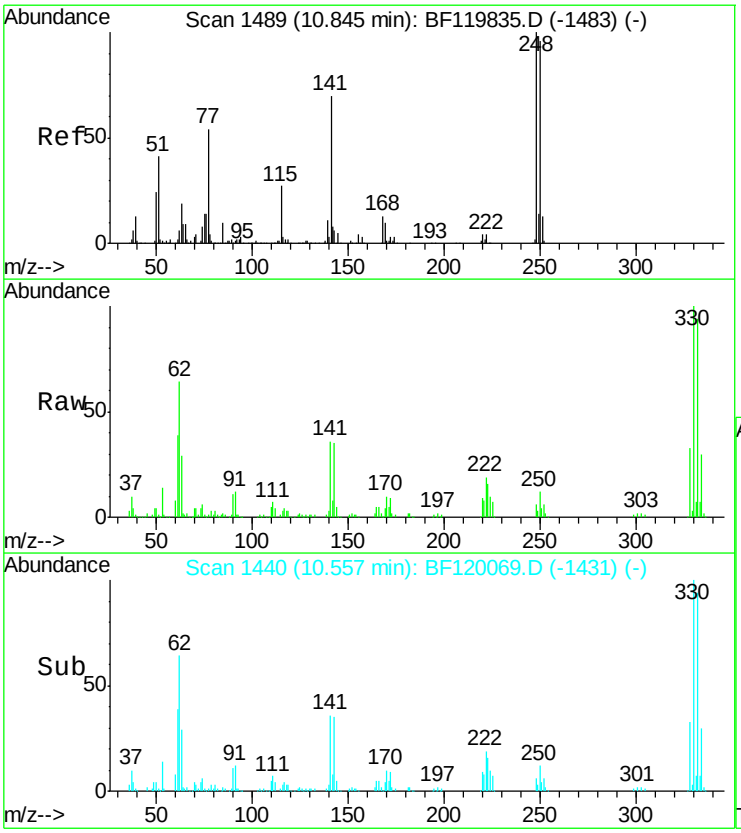
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 357597

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	7.7	7.4	11.2

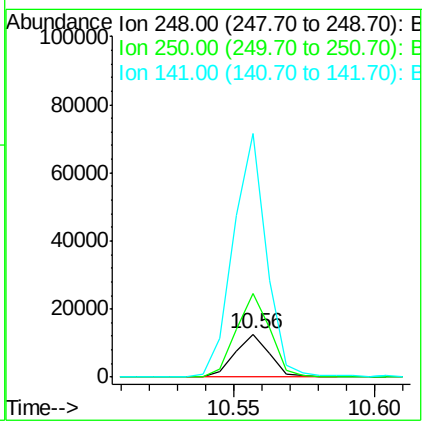


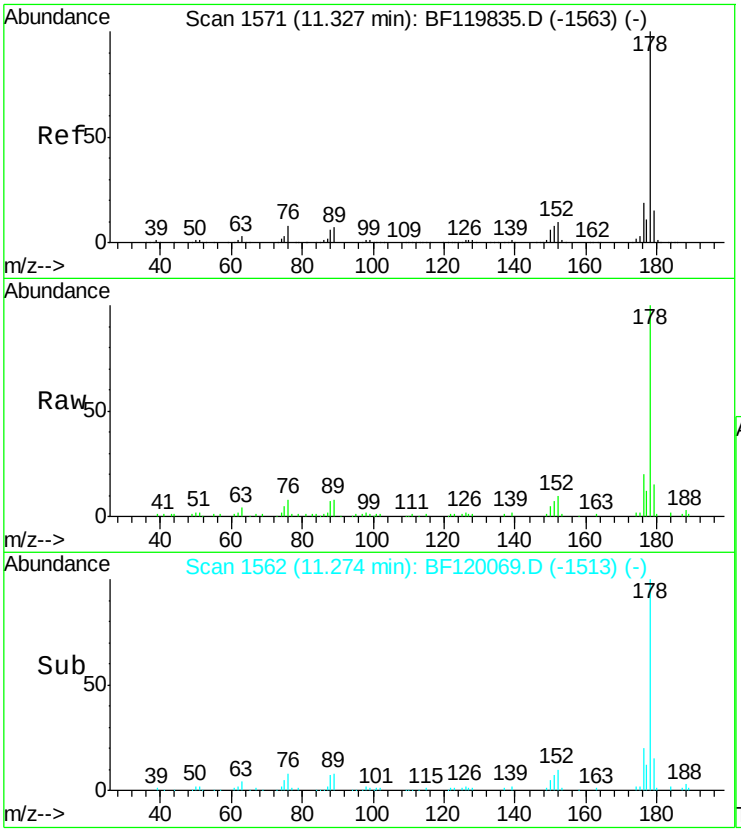


#67
4-Bromophenyl-phenylether
Concen: 2.370 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Tgt Ion:248 Resp: 10540

Ion	Ratio	Lower	Upper
248	100		
250	195.5	76.6	114.8#
141	566.9	55.9	83.9#



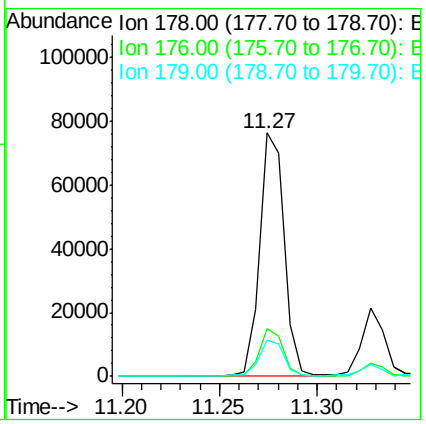


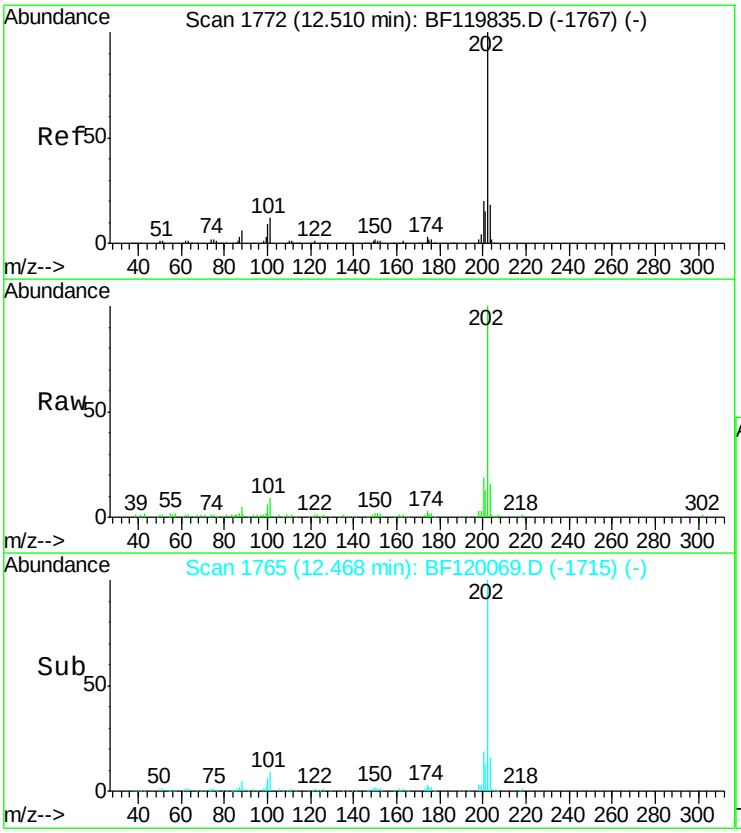
#71
Phenanthrene
Concen: 3.513 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 66855

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	14.9	12.2	18.4

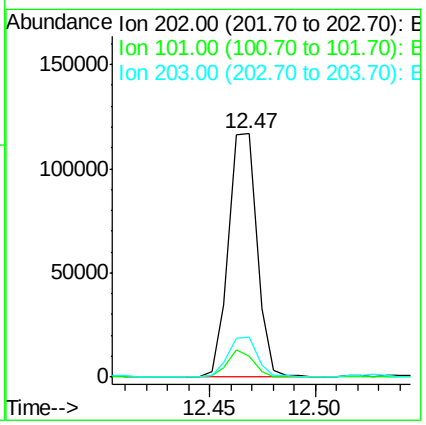


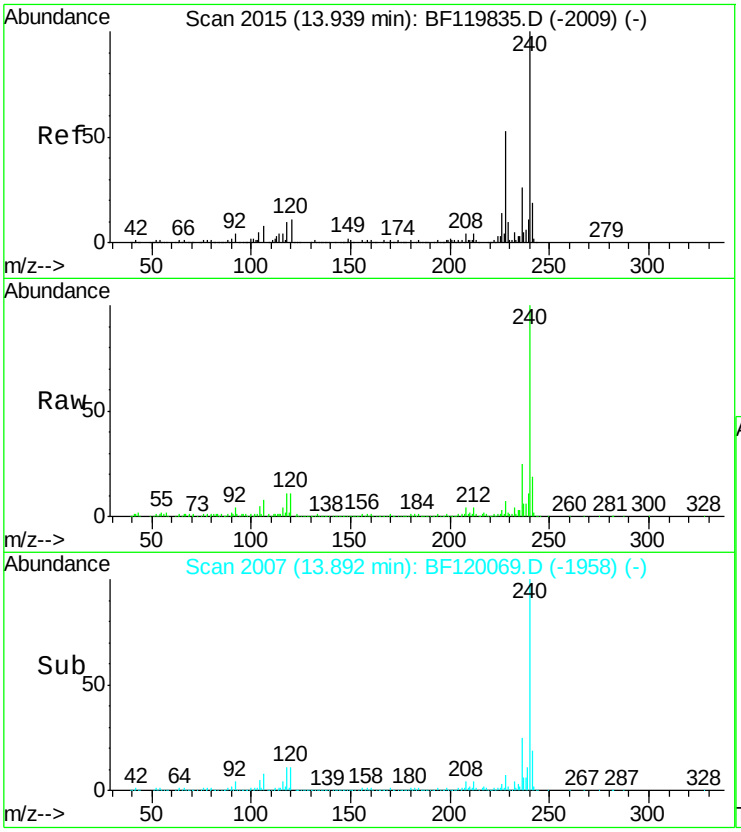


#75
Fluoranthene
Concen: 5.323 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Tgt Ion:202 Resp: 109300

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	32.3
203	16.3	0.0	37.6



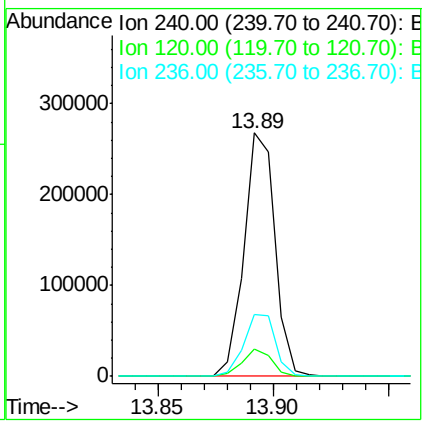


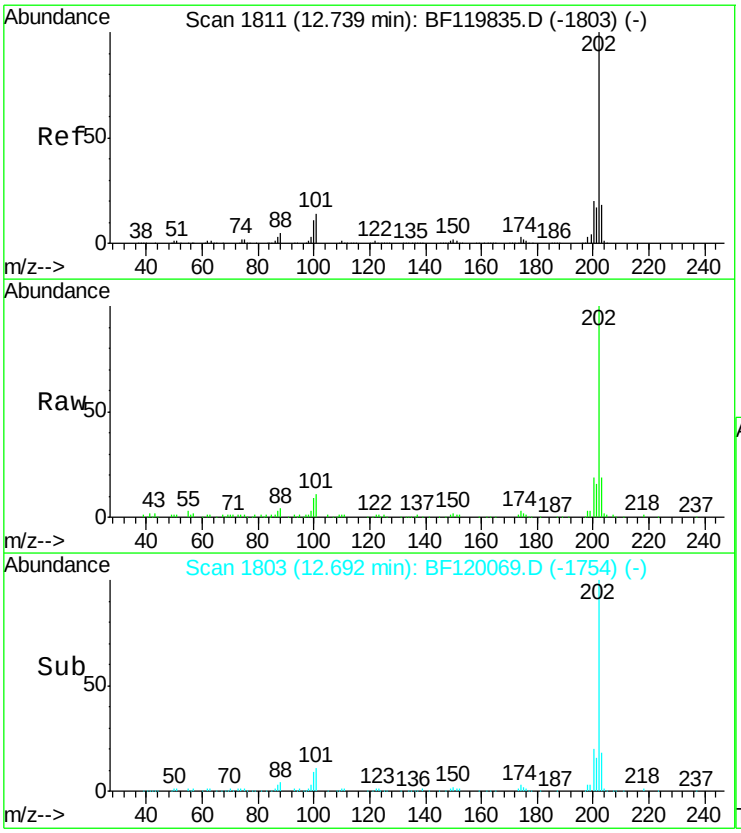
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 252266

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.0	13.6
236	25.4	20.7	31.1

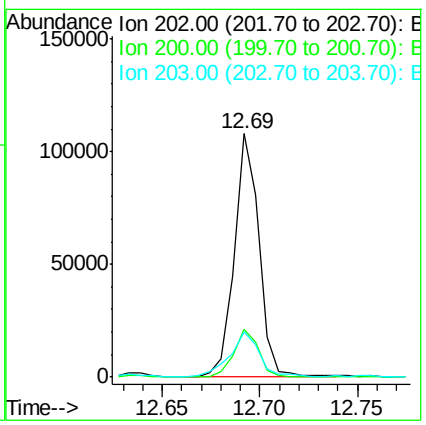


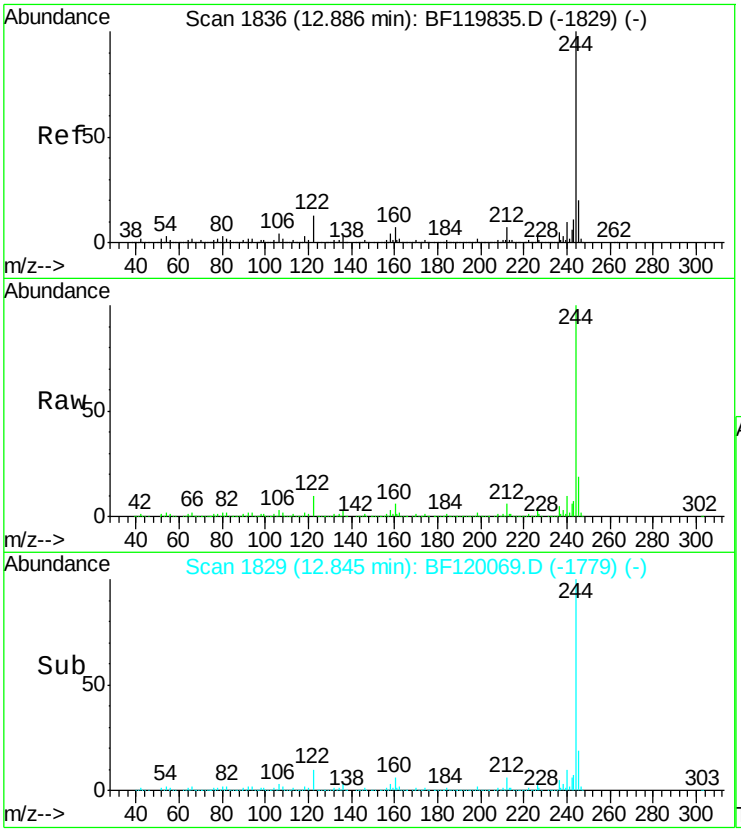


#78
Pyrene
Concen: 4.445 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Tgt Ion:202 Resp: 94532

Ion	Ratio	Lower	Upper
202	100		
200	19.5	16.2	24.2
203	18.7	14.1	21.1



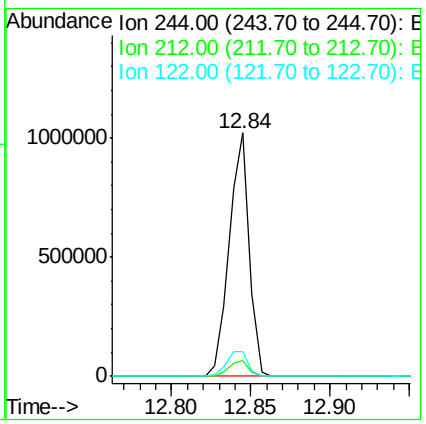


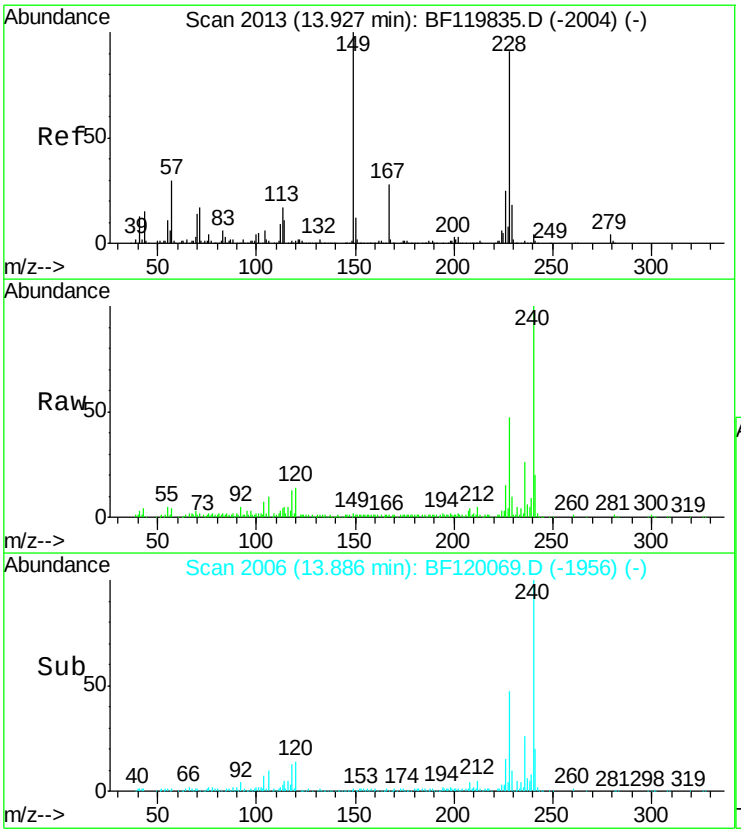
#79
Terphenyl-d14
Concen: 59.382 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 890269

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.2	10.3	15.5#

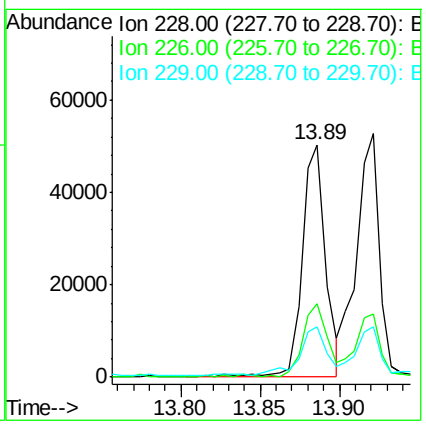


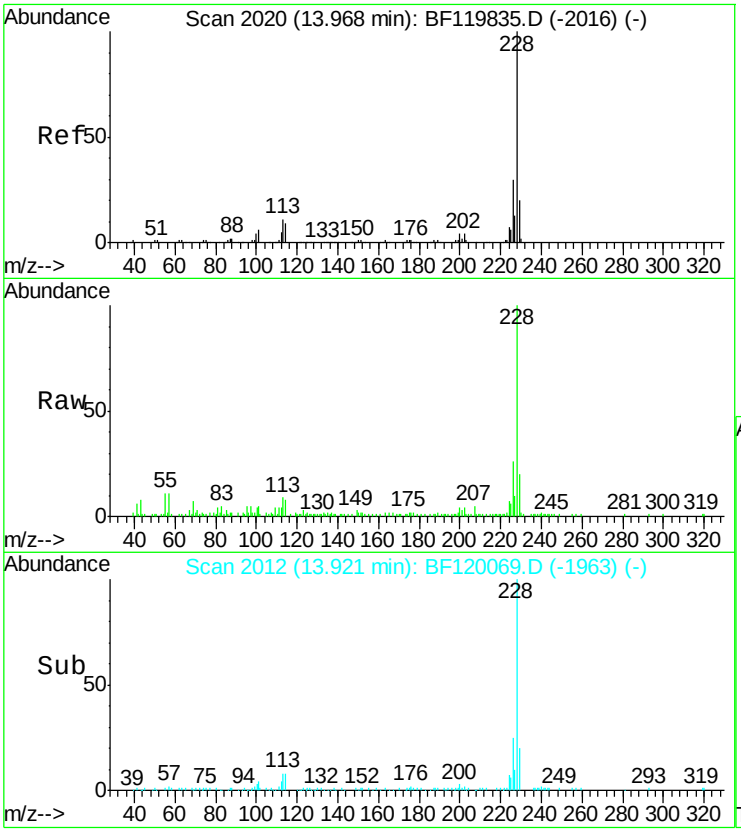


#81
Benzo(a)anthracene
Concen: 3.078 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Tgt Ion:228 Resp: 51075

Ion	Ratio	Lower	Upper
228	100		
226	31.8	21.9	32.9
229	21.9	15.9	23.9



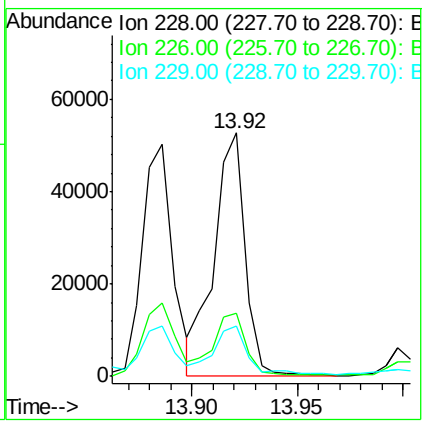


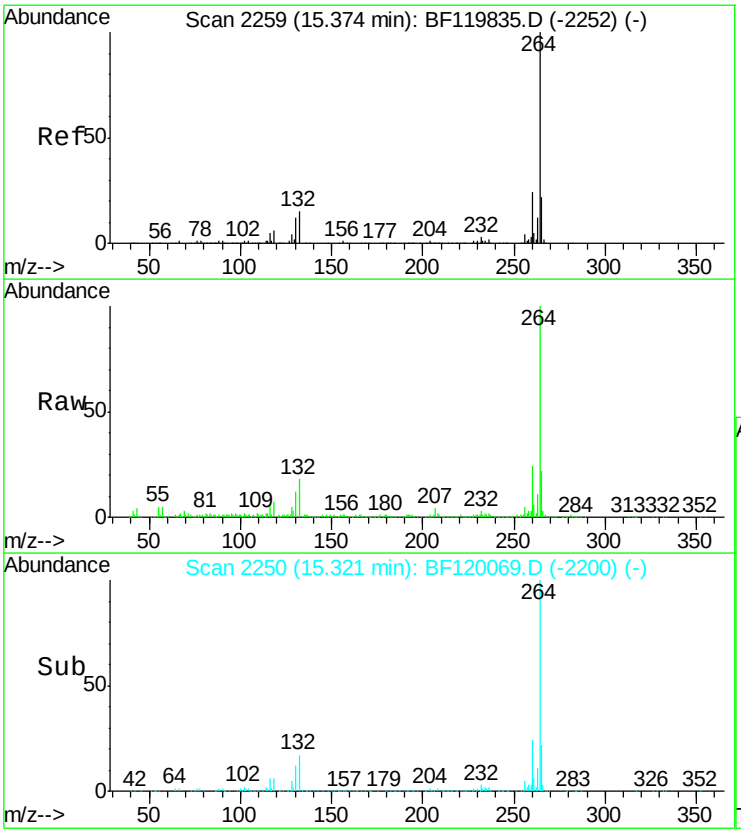
#83
Chrysene
Concen: 3.220 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 54301

Ion	Ratio	Lower	Upper
228	100		
226	25.9	24.2	36.2
229	20.5	15.9	23.9

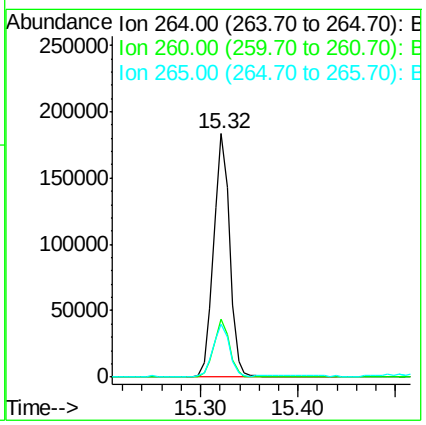


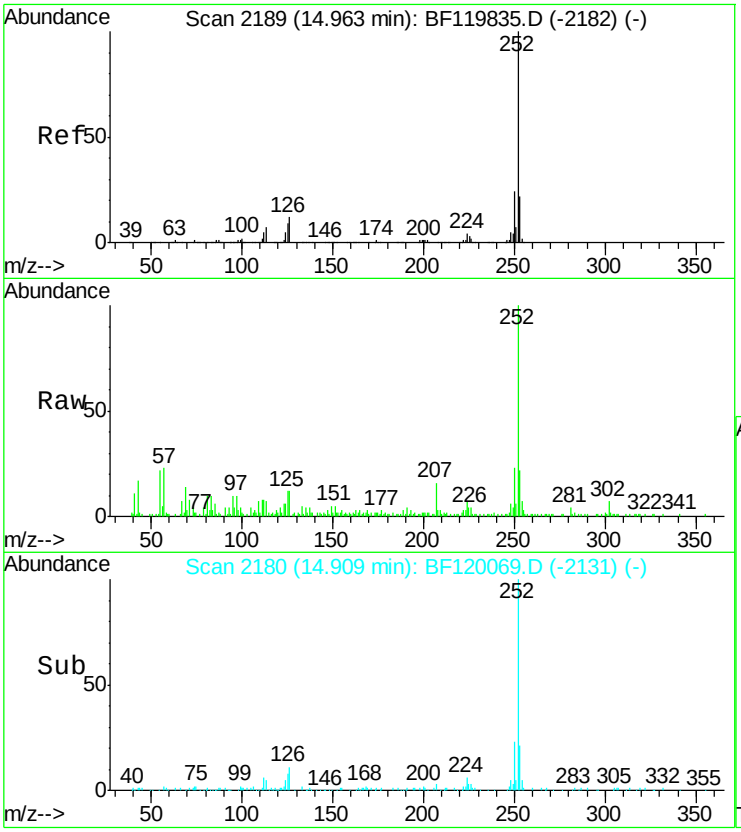


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Tgt Ion:264 Resp: 210579

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.9	17.6	26.4



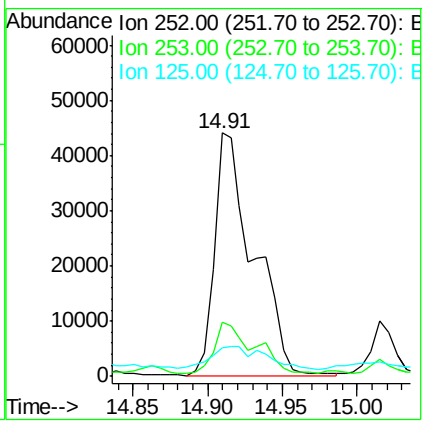


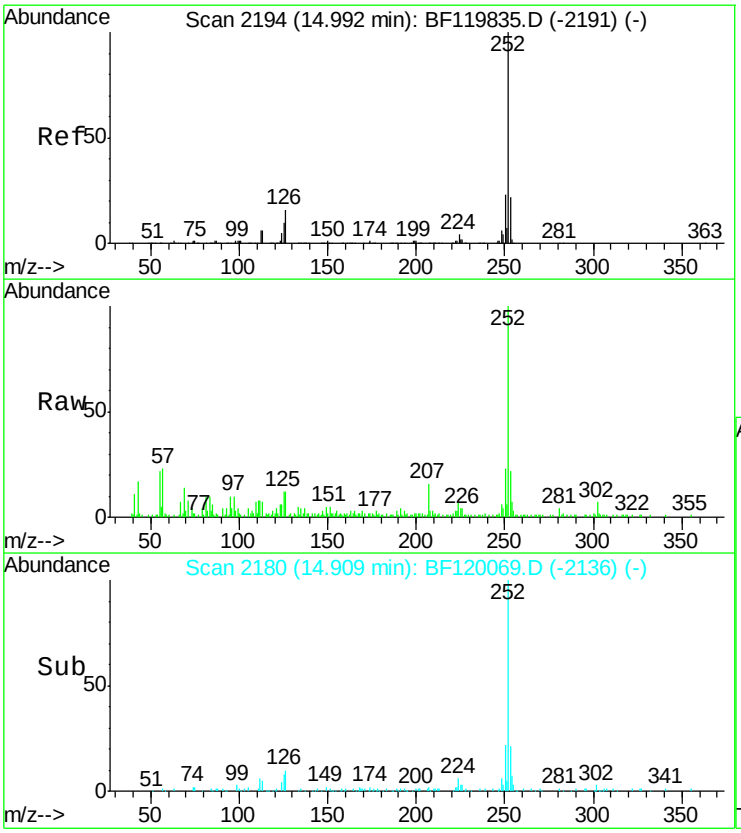
#88
Benzo(b)fluoranthene
Concen: 5.350 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 81050

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	11.9	7.4	11.2#

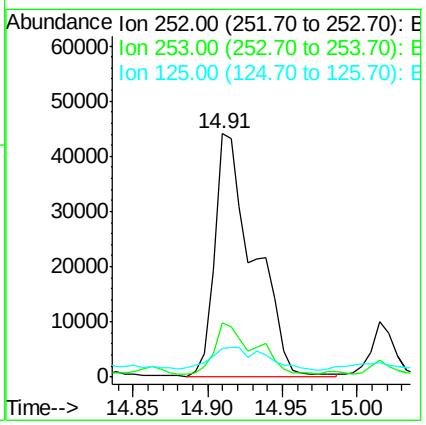


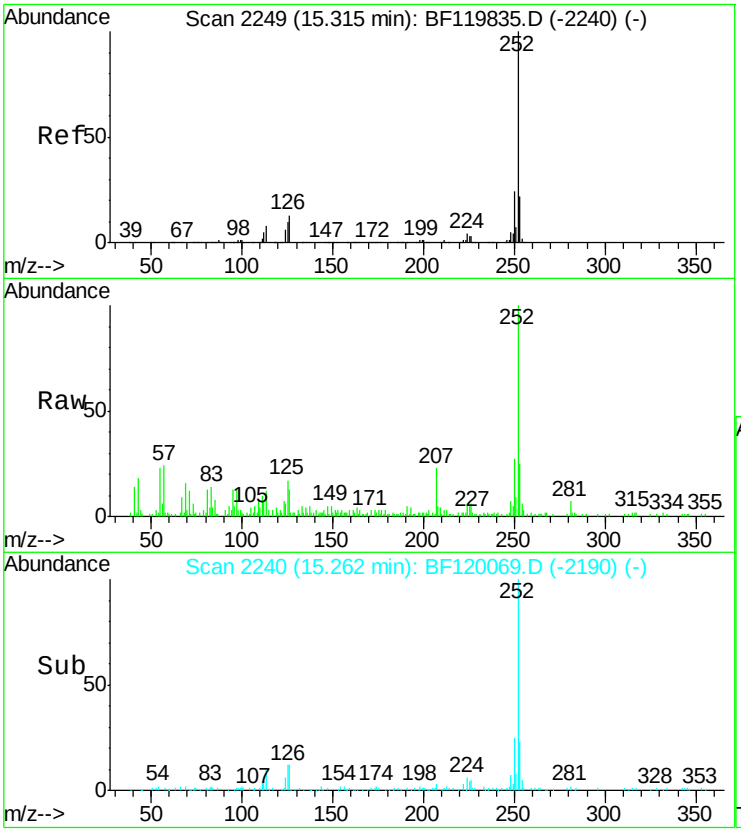


#89
Benzo(k)fluoranthene
Concen: 6.201 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.04 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Tgt Ion:252 Resp: 81050

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	11.9	7.7	11.5#





#90
Benzo(a)pyrene
Concen: 3.158 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF120069.D
Acq: 17 Apr 2020 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 40222

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.4	26.2
125	17.0	8.3	12.5#