Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021420\
Data File : BF118938.D
Acq On : 14 Feb 2020 18:18
Operator : CG/JU
Sample : L1015-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 15 03:37:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 14 00:49:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	173789	20.00	ng	-0.04
21) Naphthalene-d8	8.06	136	681102	20.00	ng	-0.05
39) Acenaphthene-d10	9.81	164	371528	20.00	ng	-0.05
64) Phenanthrene-d10	11.29	188	986982	20.00	ng	-0.05
76) Chrysene-d12	13.93	240	688758	20.00	ng	-0.05
87) Perylene-d12	15.36	264	423478	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	453337	49.38	ng	-0.04
7) Phenol-d6	6.41	99	355511	31.19	ng	-0.04
23) Nitrobenzene-d5	7.34	82	847215	74.14	ng	-0.04
42) 2,4,6-Tribromophenol	10.60	330	694478	156.22	ng	-0.05
45) 2-Fluorobiphenyl	9.13	172	1750300	84.22	ng	-0.05
79) Terphenyl-d14	12.88	244	2656505	79.22	ng	-0.05
Target Compounds						Qvalue
9) Benzaldehyde	6.33	77	1923	Below Cal	#	79
19) n-Nitroso-di-n-propylamine	7.34	70	114067	16.358	ng	# 75
25) Isophorone	7.34	82	847093	41.248	ng	# 63
50) Dimethylphthalate	9.52	163	136089	5.380	ng	97
51) 2,6-Dinitrotoluene	9.81	165	48341	8.351	ng	# 31
57) 2,4-Dinitrotoluene	9.81	165	48341	6.311	ng	# 34
67) 4-Bromophenyl-phenylether	10.60	248	44628	3.822	ng	# 1
71) Phenanthrene	11.32	178	295784	6.091	ng	96
75) Fluoranthene	12.50	202	536203	10.113	ng	98
78) Pyrene	12.73	202	986027	20.868	ng	97
81) Benzo(a)anthracene	13.92	228	415274	10.132	ng	98
83) Chrysene	13.95	228	356929	8.677	ng	96
88) Benzo(b)fluoranthene	14.95	252	253494	9.647	ng	97
89) Benzo(k)fluoranthene	14.95	252	253494	11.078	ng	96
90) Benzo(a)pyrene	15.30	252	178960	7.958	ng	98
92) Benzo(g,h,i)perylene	17.19	276	84558	4.404	ng	99

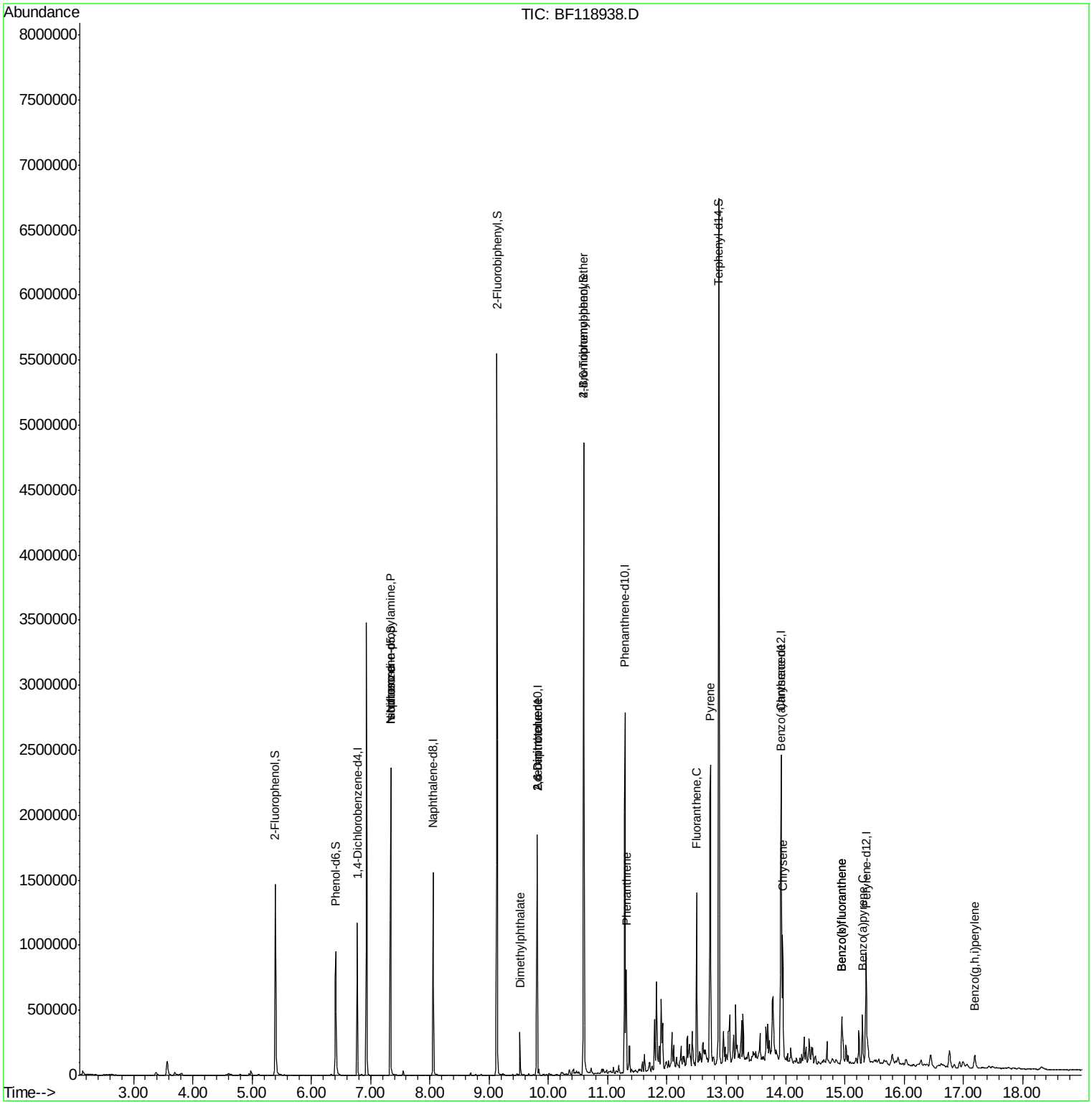
(#) = qualifier out of range (m) = manual integration (+) = signals summed

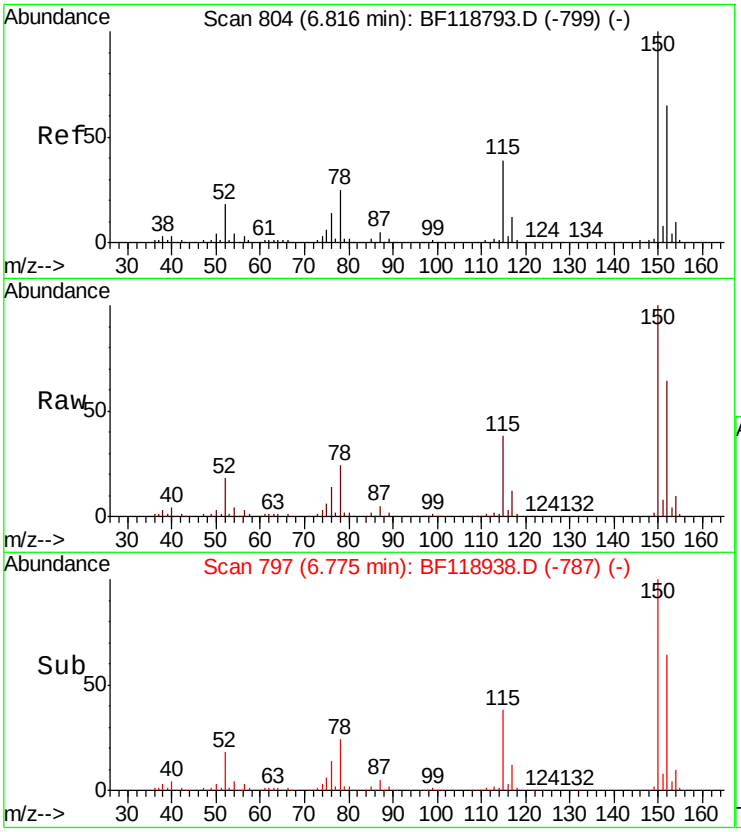
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021420\
Data File : BF118938.D
Acq On : 14 Feb 2020 18:18
Operator : CG/JU
Sample : L1015-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 15 03:37:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 14 00:49:42 2020
Response via : Initial Calibration



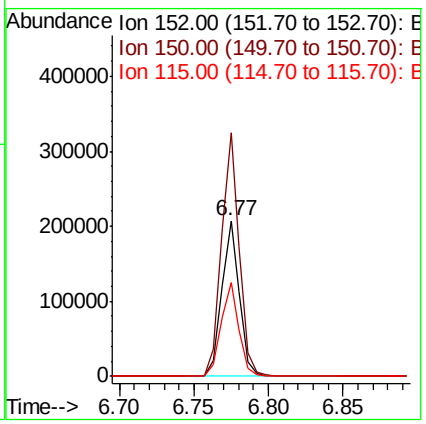


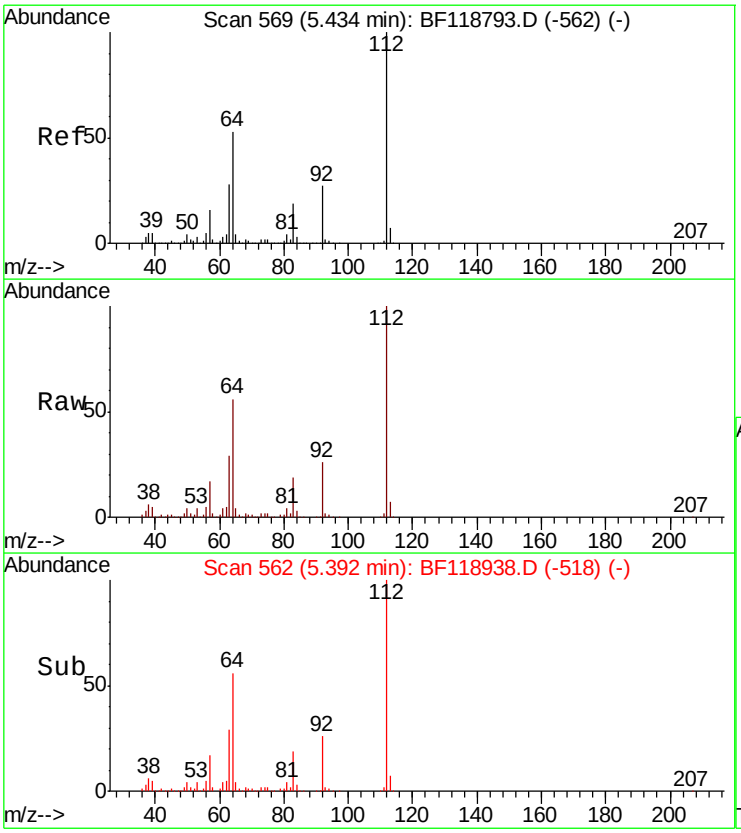
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.04 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 173789

Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.6	185.4
115	59.9	48.2	72.2

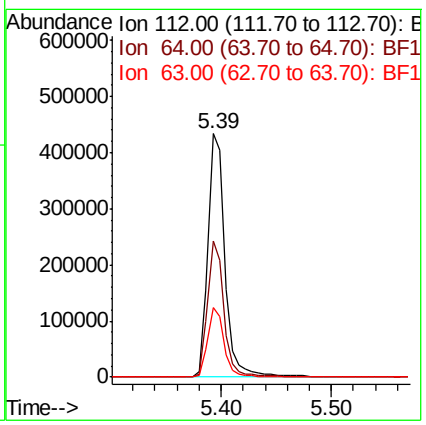


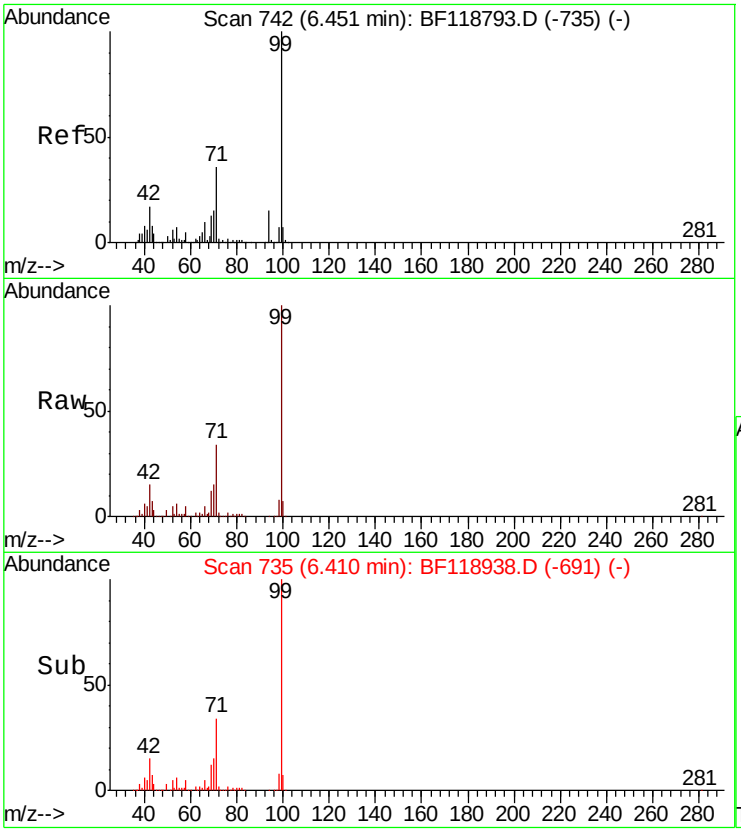


#5
2-Fluorophenol
Concen: 49.378 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.04 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Tgt Ion:112 Resp: 453337

Ion	Ratio	Lower	Upper
112	100		
64	56.0	42.6	63.8
63	28.8	22.2	33.4



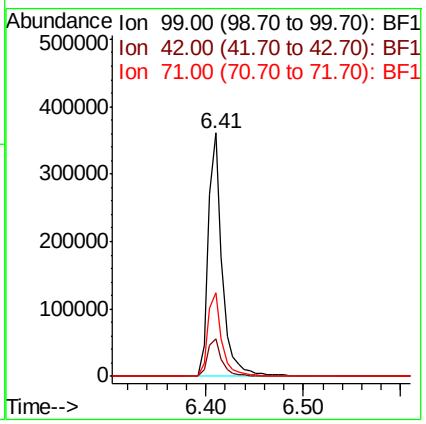


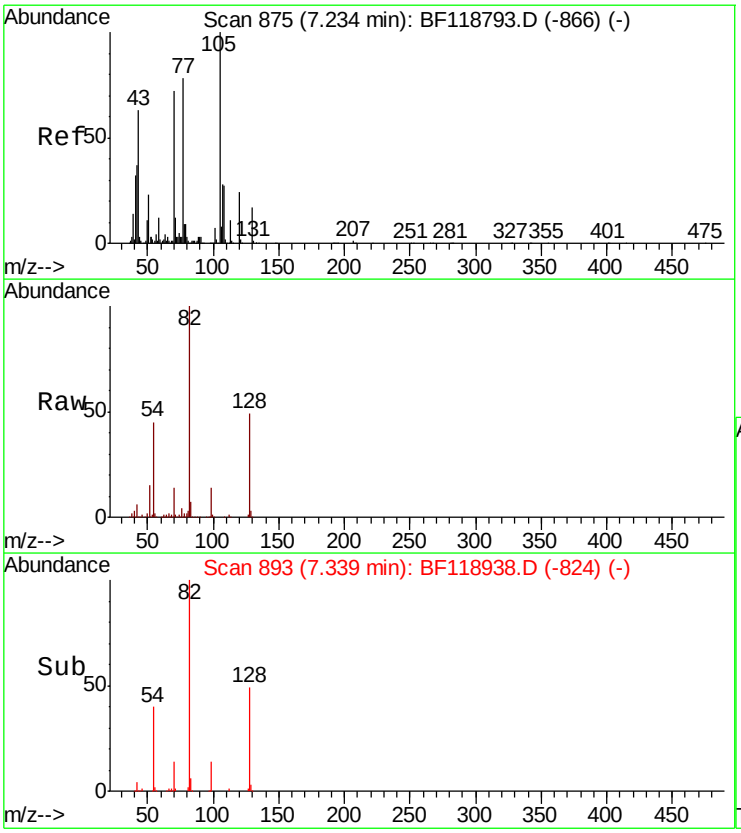
#7
Phenol-d6
Concen: 31.194 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.04 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 355511

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.4	20.0
71	34.4	29.0	43.6

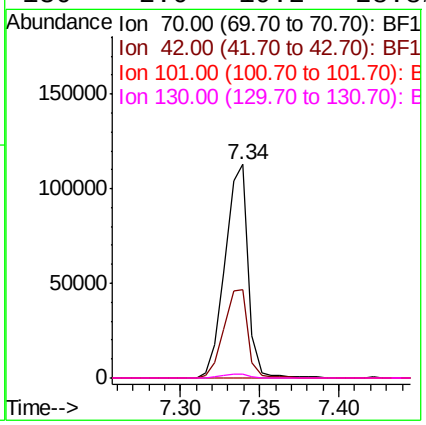


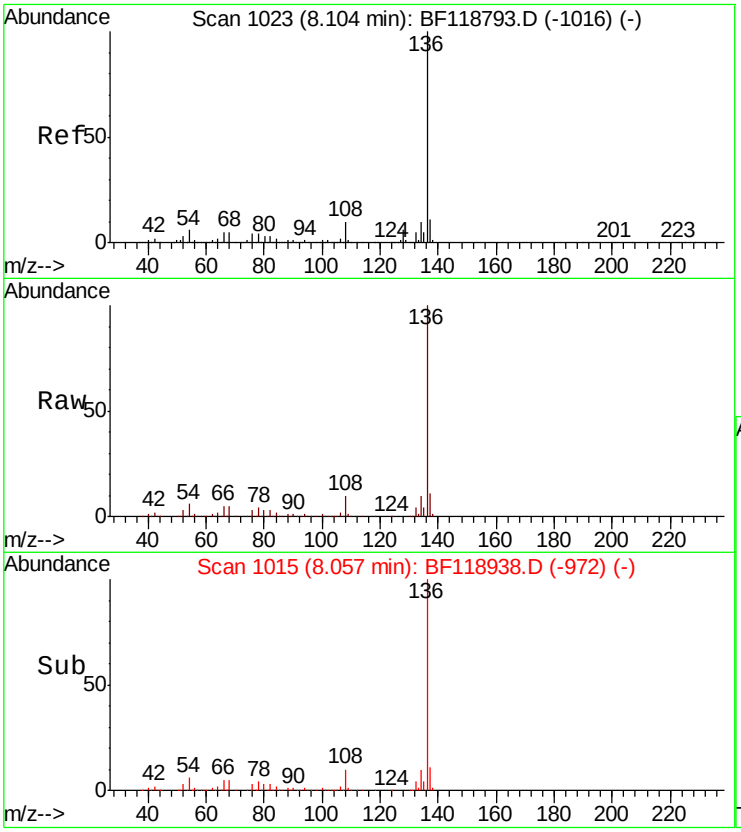


#19
n-Nitroso-di-n-propylamine
Concen: 16.358 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.11 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Tgt Ion: 70 Resp: 114067

Ion	Ratio	Lower	Upper
70	100		
42	41.3	41.5	62.3#
101	0.0	8.3	12.5#
130	2.0	19.2	28.8#



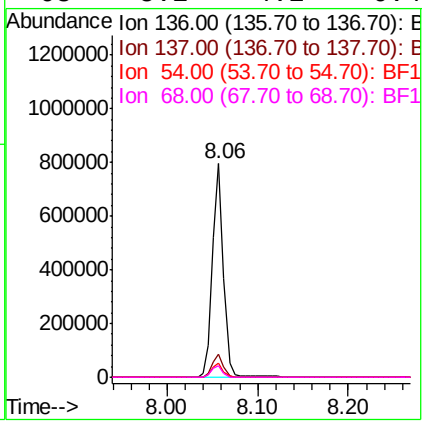


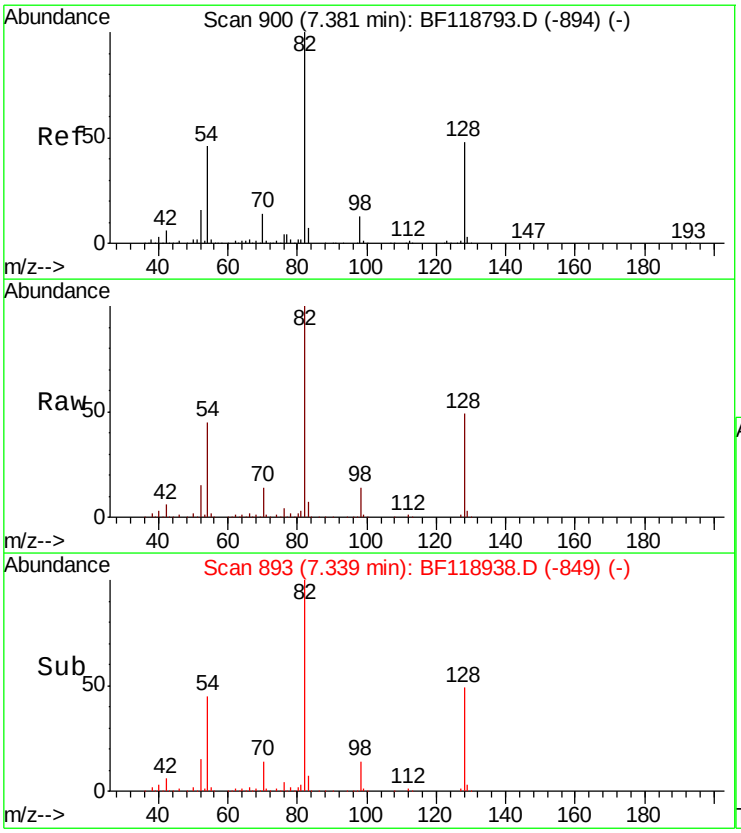
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.05 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 681102

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.4	5.0	7.6
68	5.2	4.2	6.4

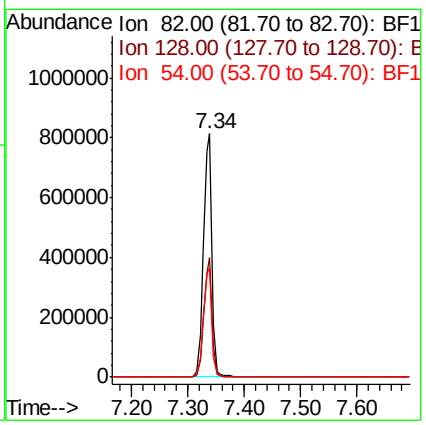


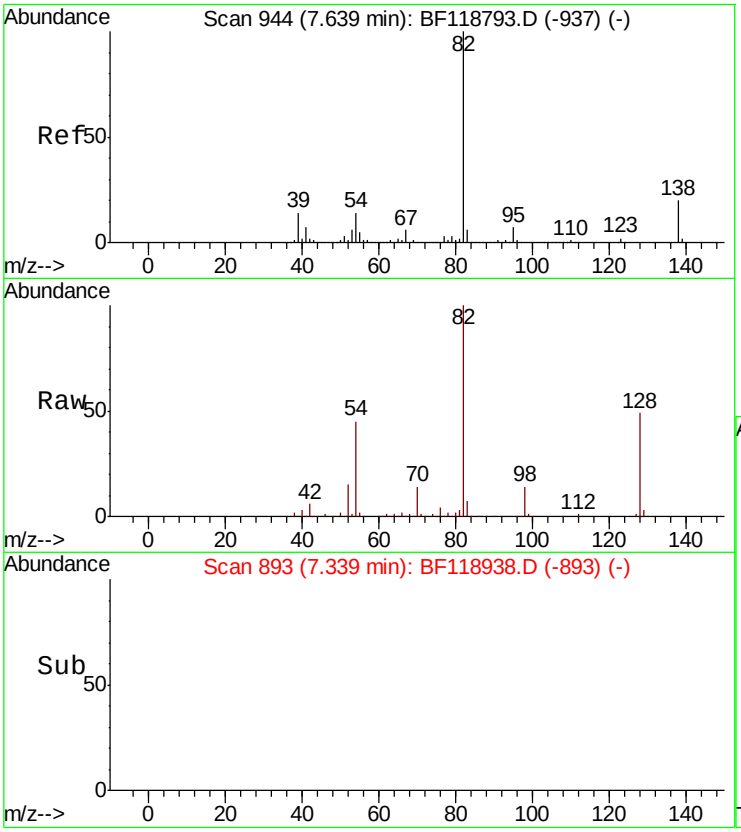


#23
Nitrobenzene-d5
Concen: 74.142 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.04 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Tgt Ion: 82 Resp: 847215

Ion	Ratio	Lower	Upper
82	100		
128	49.3	38.5	57.7
54	44.6	36.7	55.1



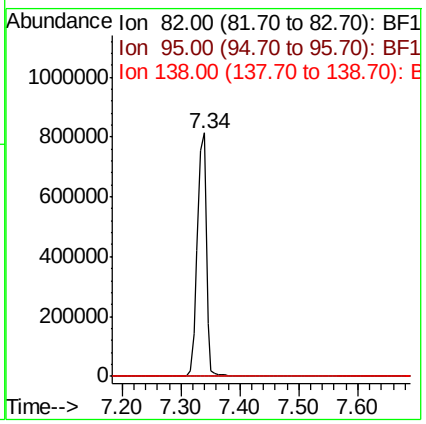


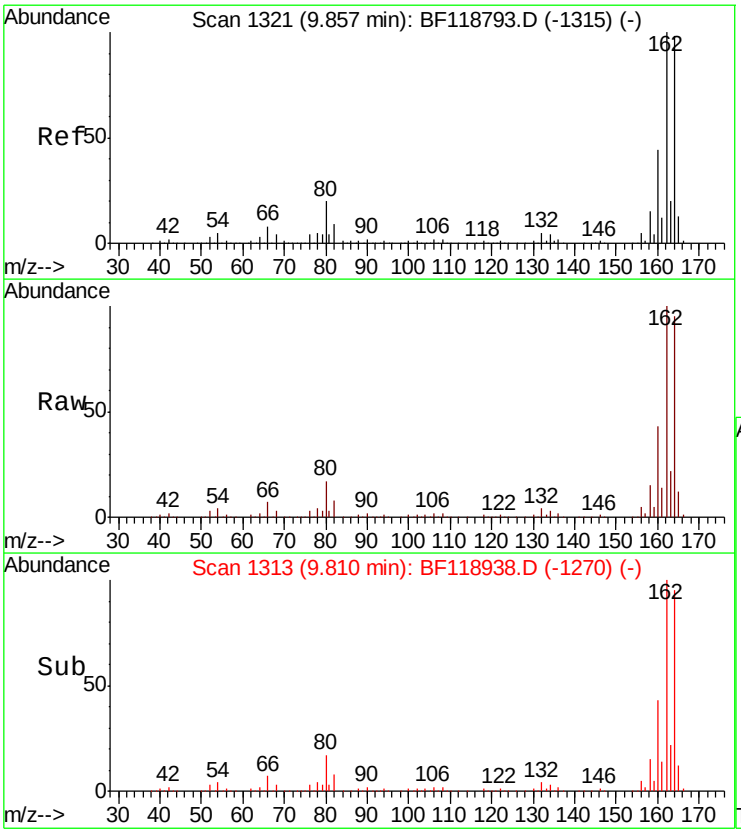
#25
Isophorone
Concen: 41.248 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.30 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 847093

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	15.7	23.5#

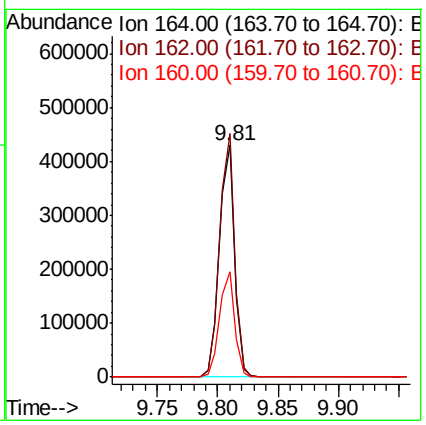


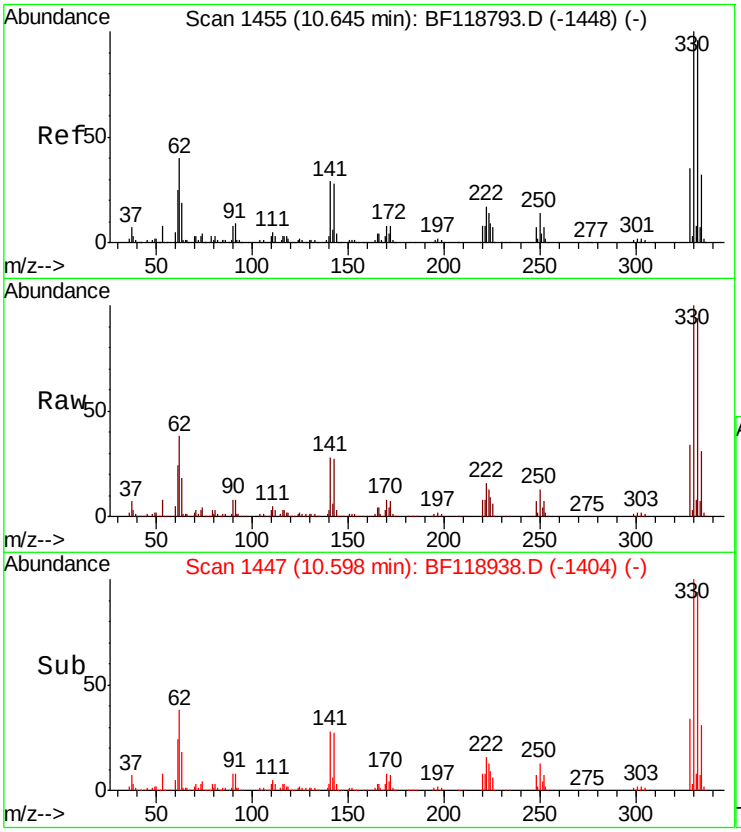


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.05 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Tgt Ion:164 Resp: 371528

Ion	Ratio	Lower	Upper
164	100		
162	105.1	81.4	122.2
160	45.2	35.6	53.4



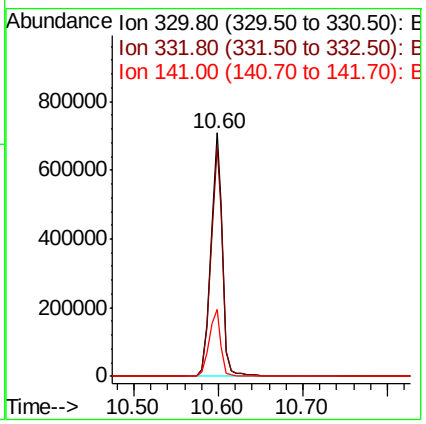


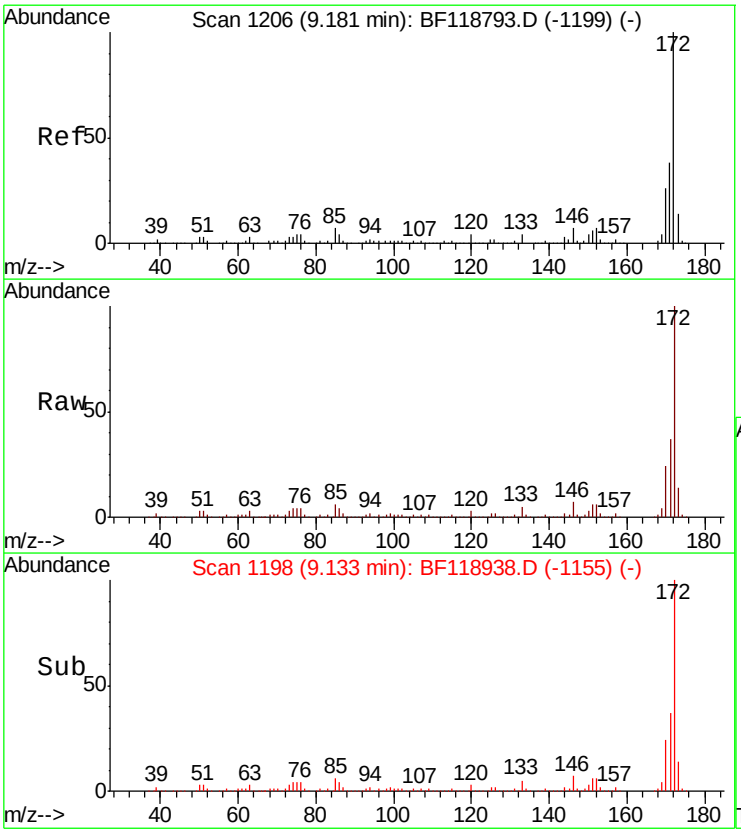
#42
2,4,6-Tribromophenol
Concen: 156.223 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.05 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 694478

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	28.0	22.4	33.6

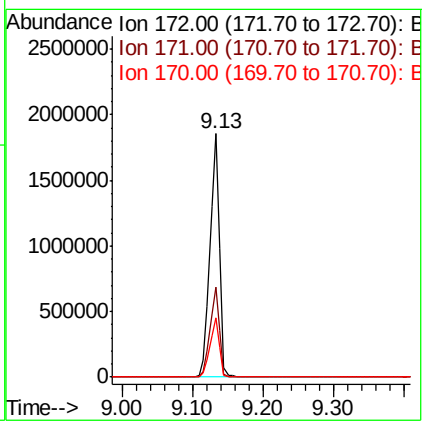


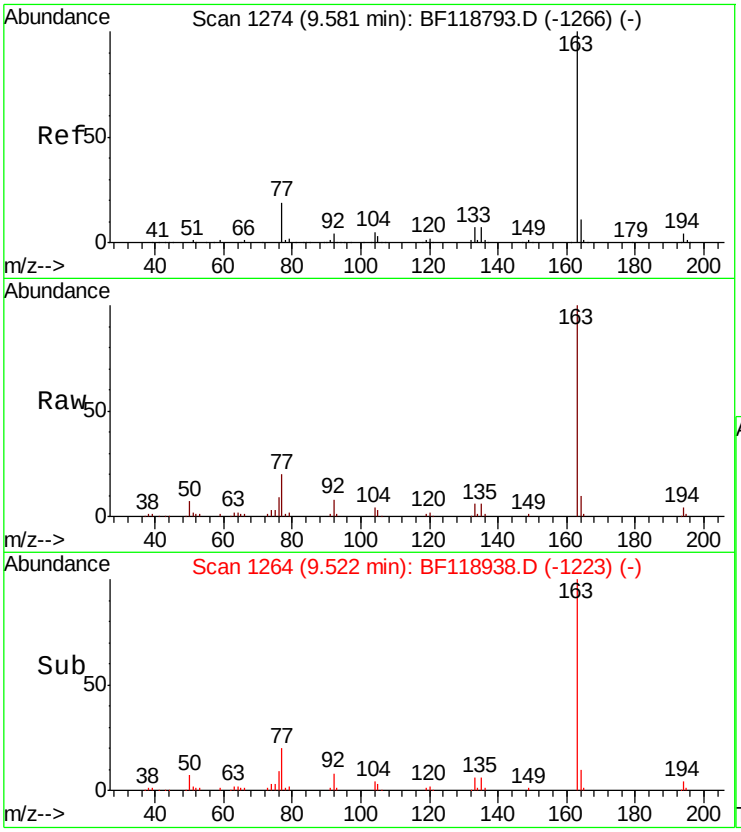


#45
2-Fluorobiphenyl
Concen: 84.220 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.05 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Tgt Ion:172 Resp: 1750300

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.8	46.2
170	24.4	20.5	30.7



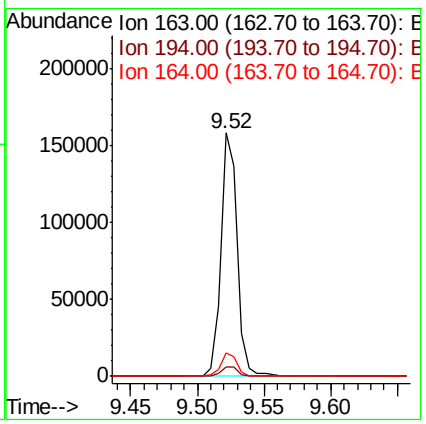


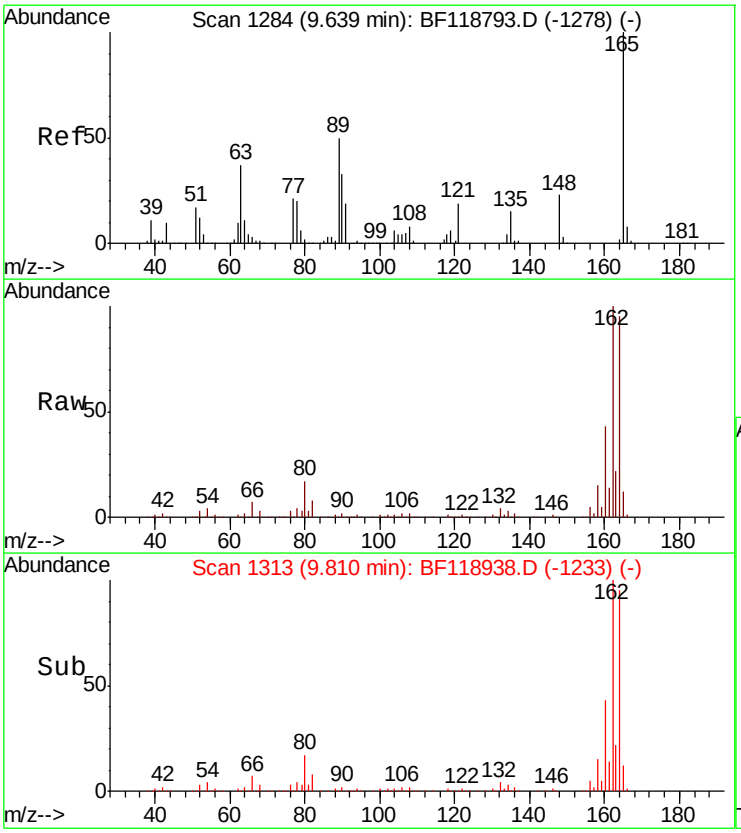
#50
Dimethylphthalate
Concen: 5.380 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.06 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 136089

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	9.7	8.7	13.1

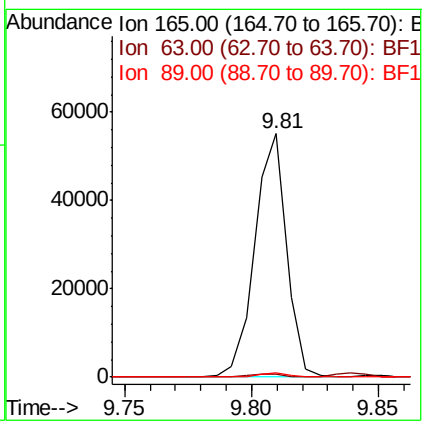


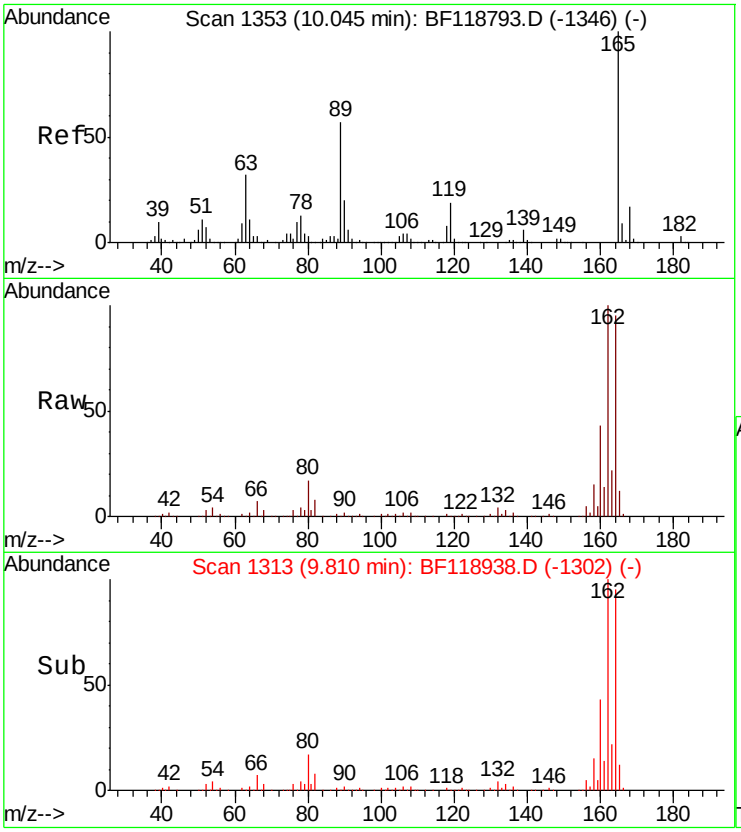


#51
2,6-Dinitrotoluene
Concen: 8.351 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.17 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Tgt Ion:165 Resp: 48341

Ion	Ratio	Lower	Upper
165	100		
63	1.0	37.4	56.0#
89	1.5	39.7	59.5#



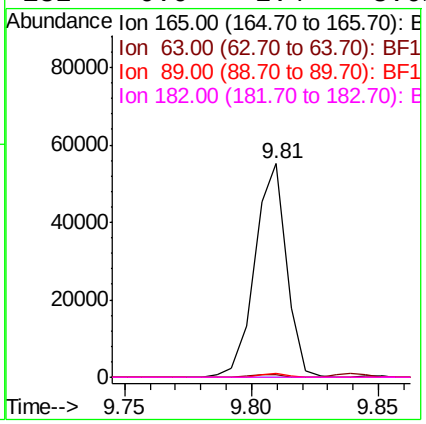


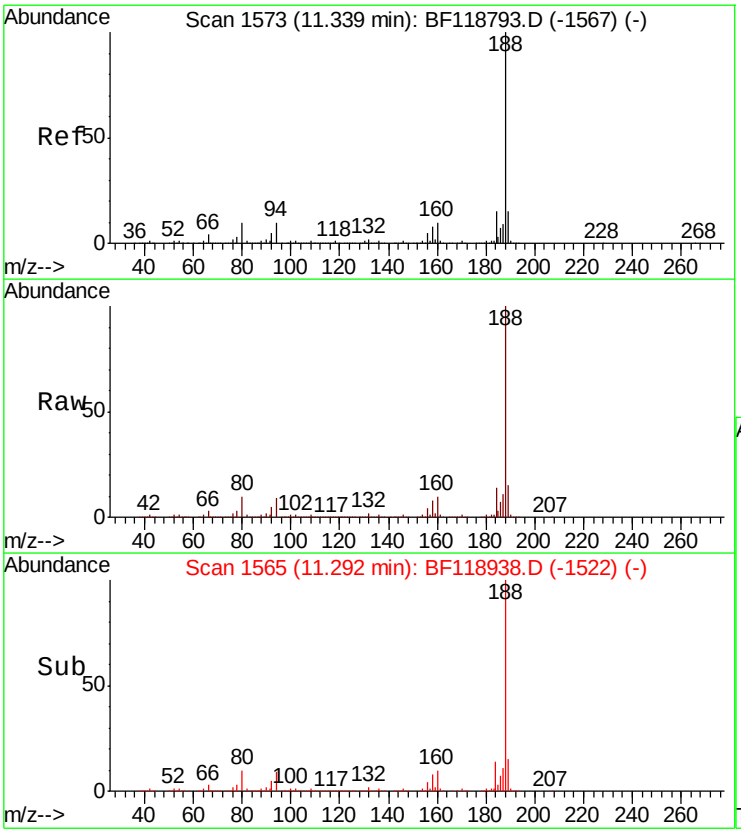
#57
2,4-Dinitrotoluene
Concen: 6.311 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.24 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 48341

Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.5	38.3#
89	1.5	45.4	68.0#
182	0.0	2.4	3.6#

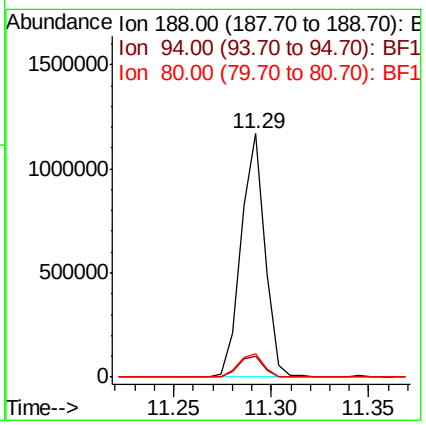


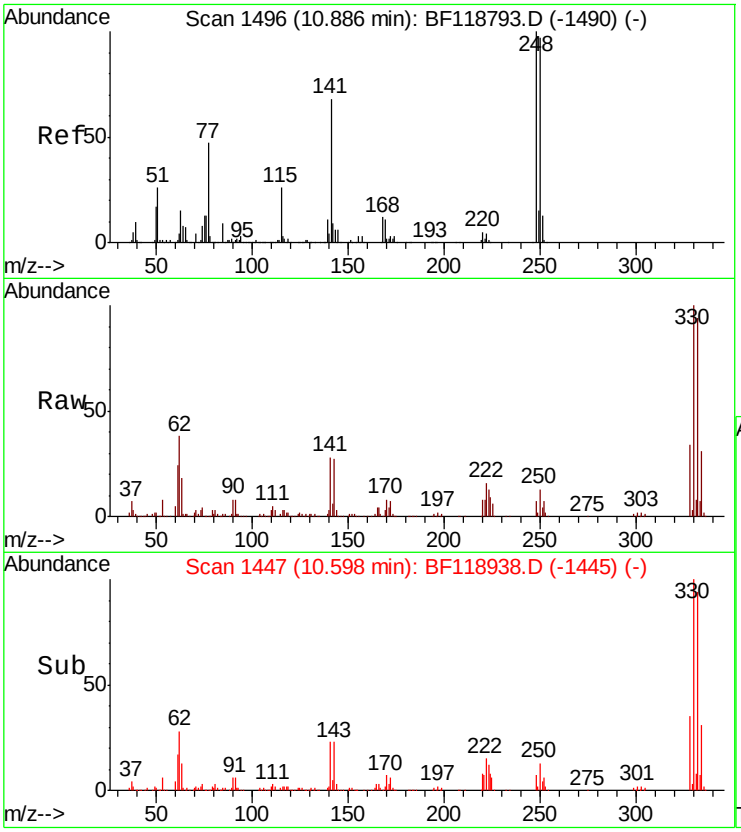


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.05 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Tgt Ion:188 Resp: 986982

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.9	11.9
80	9.7	8.4	12.6



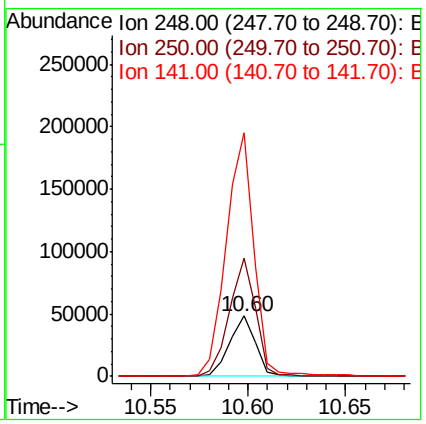


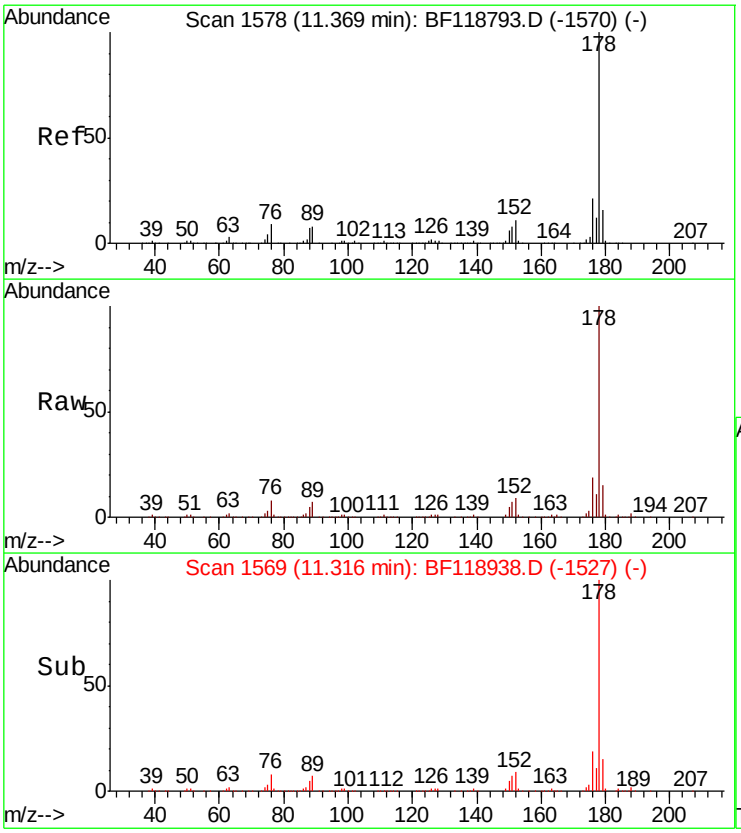
#67
4-Bromophenyl-phenylether
Concen: 3.822 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.29 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 44628

Ion	Ratio	Lower	Upper
248	100		
250	195.6	77.6	116.4#
141	405.0	54.4	81.6#

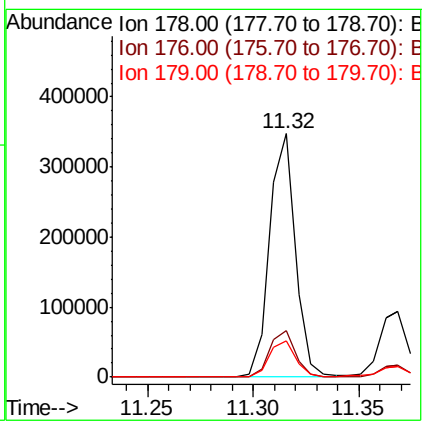


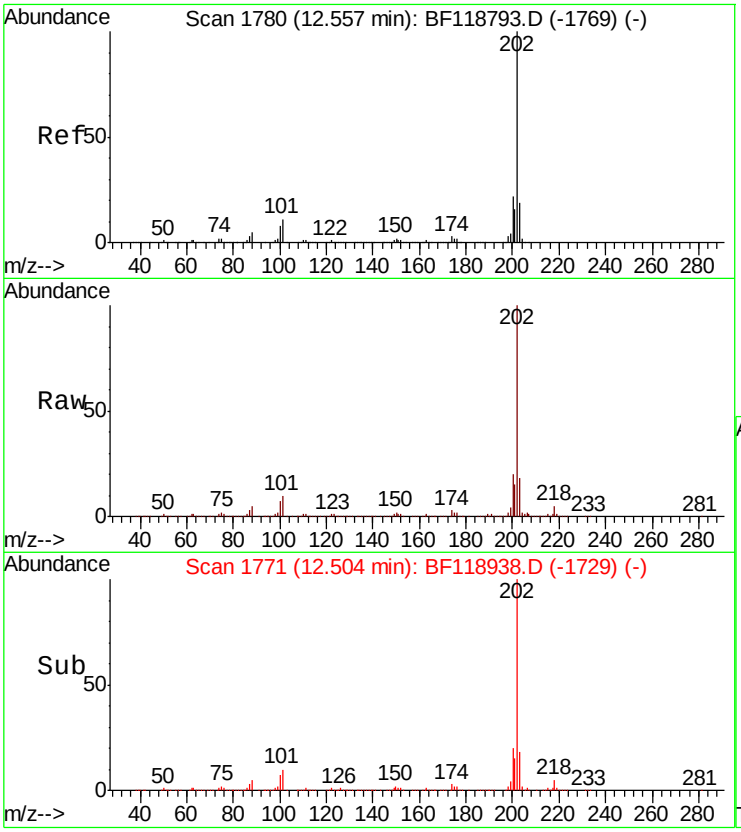


#71
Phenanthrene
Concen: 6.091 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.05 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Tgt Ion:178 Resp: 295784

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.6	24.8
179	14.7	13.2	19.8



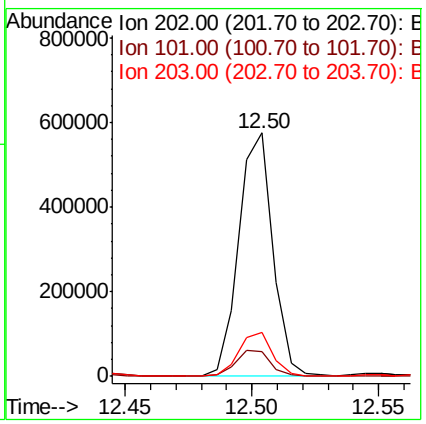


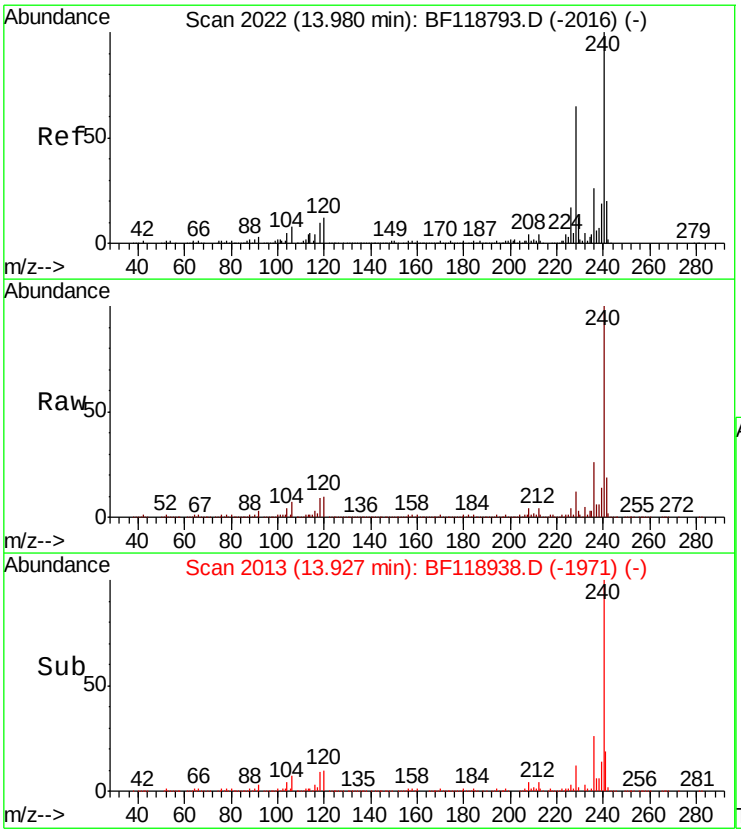
#75
Fluoranthene
Concen: 10.113 ng
RT: 12.50 min Scan# 1771
Delta R.T. -0.05 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 536203

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.0
203	17.9	0.0	38.7

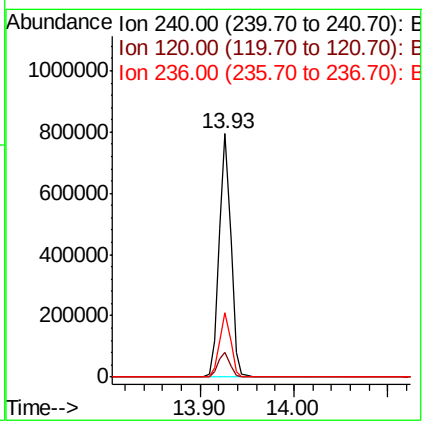


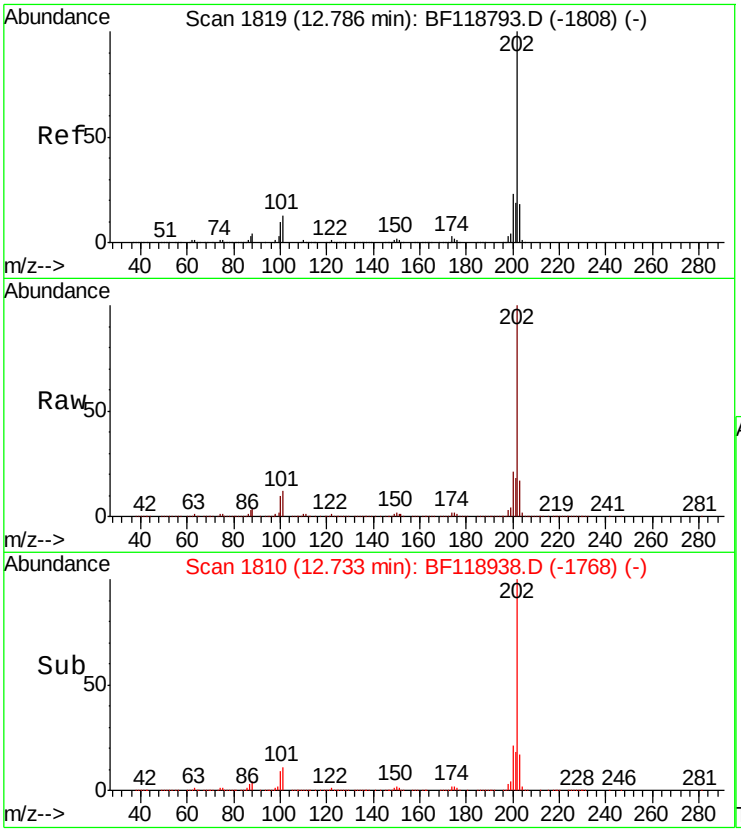


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.05 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Tgt Ion:240 Resp: 688758

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.4	14.0
236	26.4	21.0	31.6



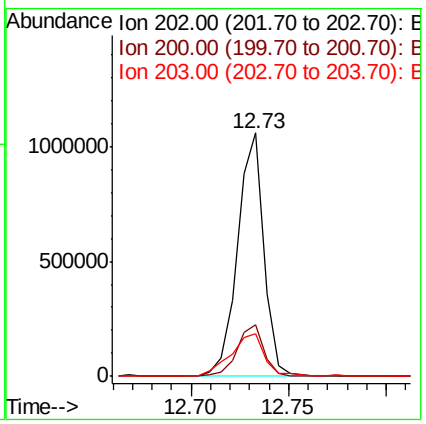


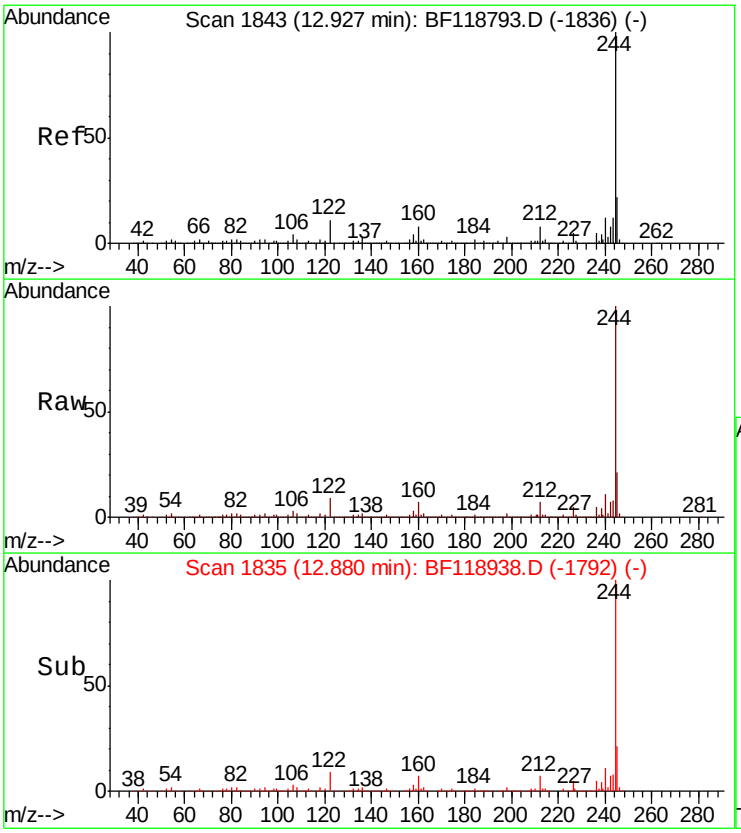
#78
Pyrene
Concen: 20.868 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.05 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 986027

Ion	Ratio	Lower	Upper
202	100		
200	21.0	18.2	27.2
203	17.5	14.8	22.2

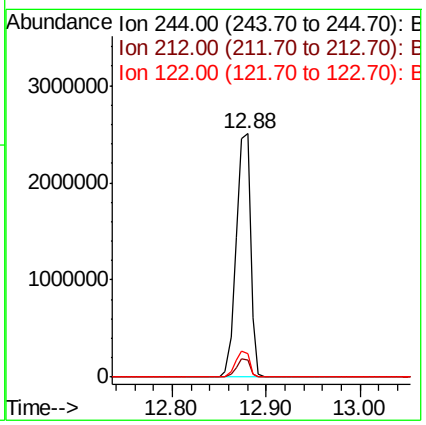


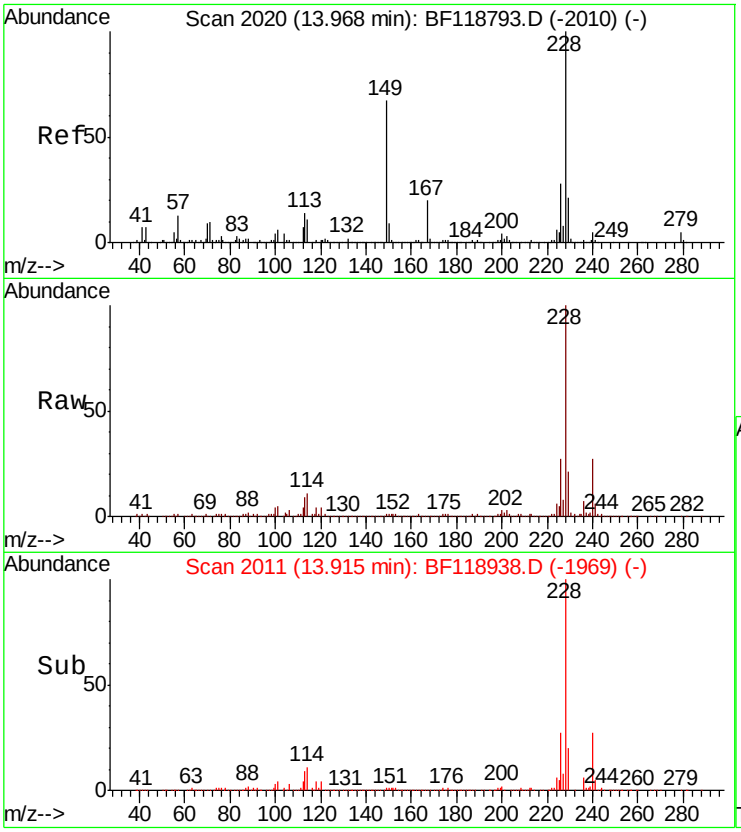


#79
Terphenyl-d14
Concen: 79.223 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.05 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Tgt Ion:244 Resp: 2656505

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	9.4	8.9	13.3



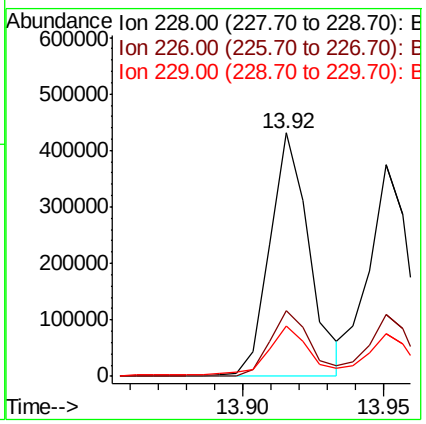


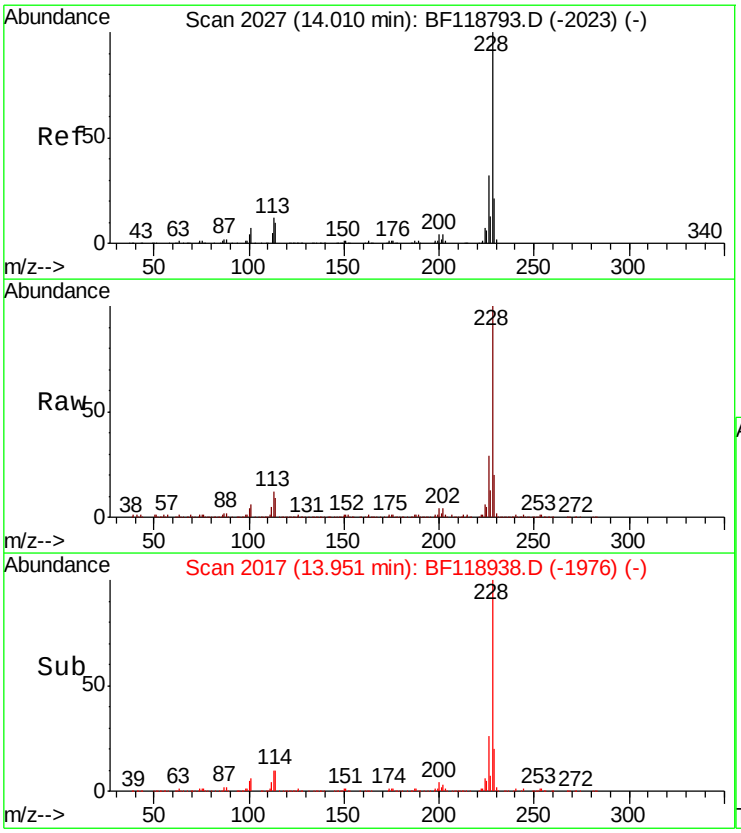
#81
Benzo(a)anthracene
Concen: 10.132 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.05 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 415274

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.7	34.1
229	20.7	16.6	25.0

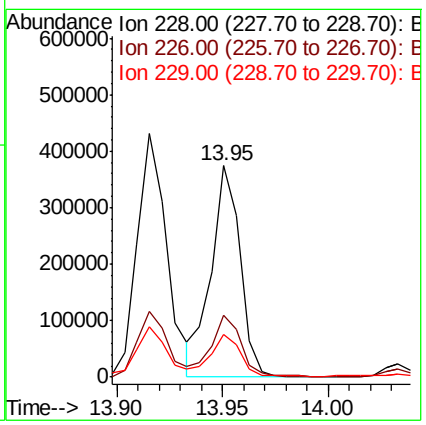


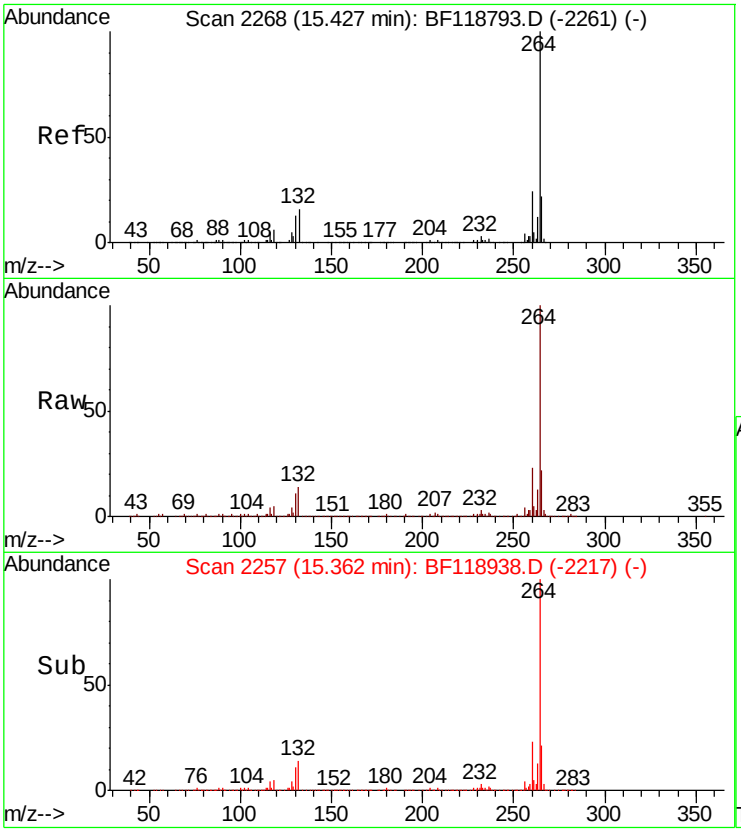


#83
Chrysene
Concen: 8.677 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.06 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Tgt Ion:228 Resp: 356929

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.4	38.0
229	20.1	16.9	25.3



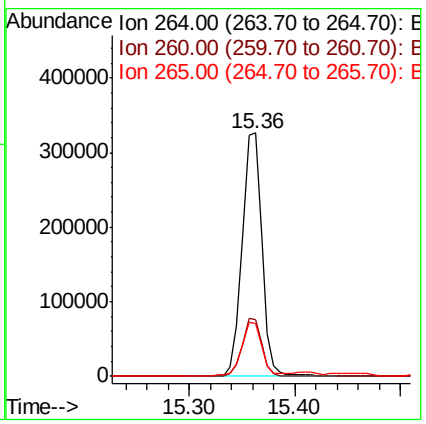


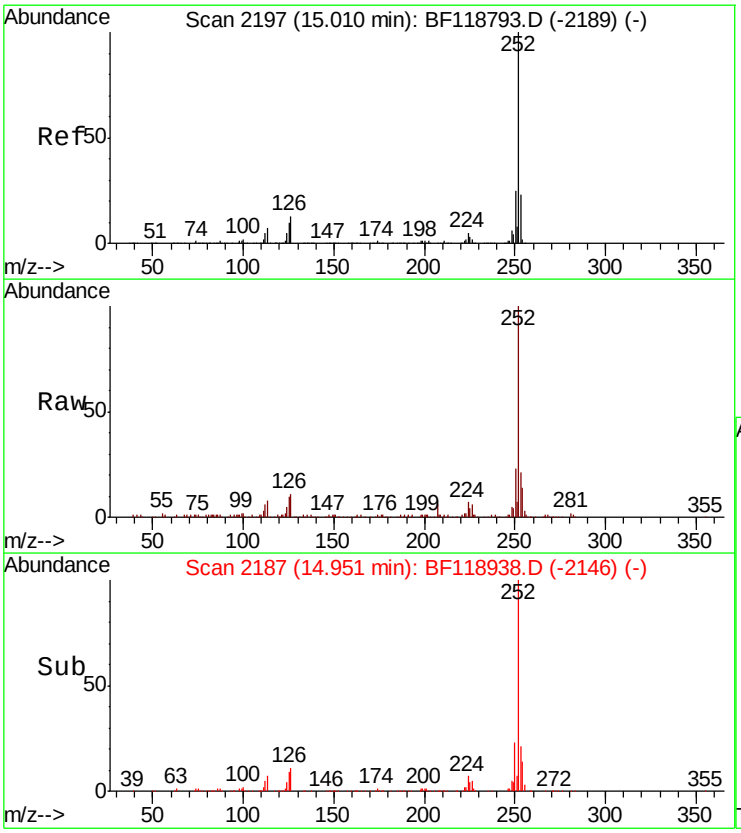
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.06 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 423478

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.6	17.2	25.8

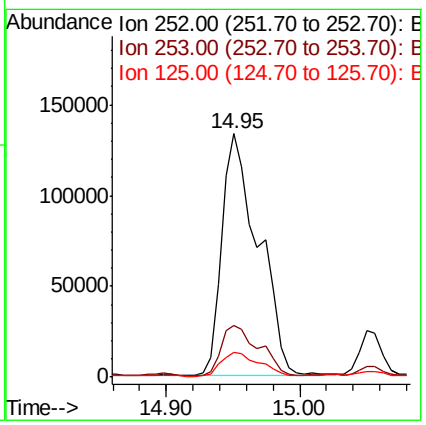


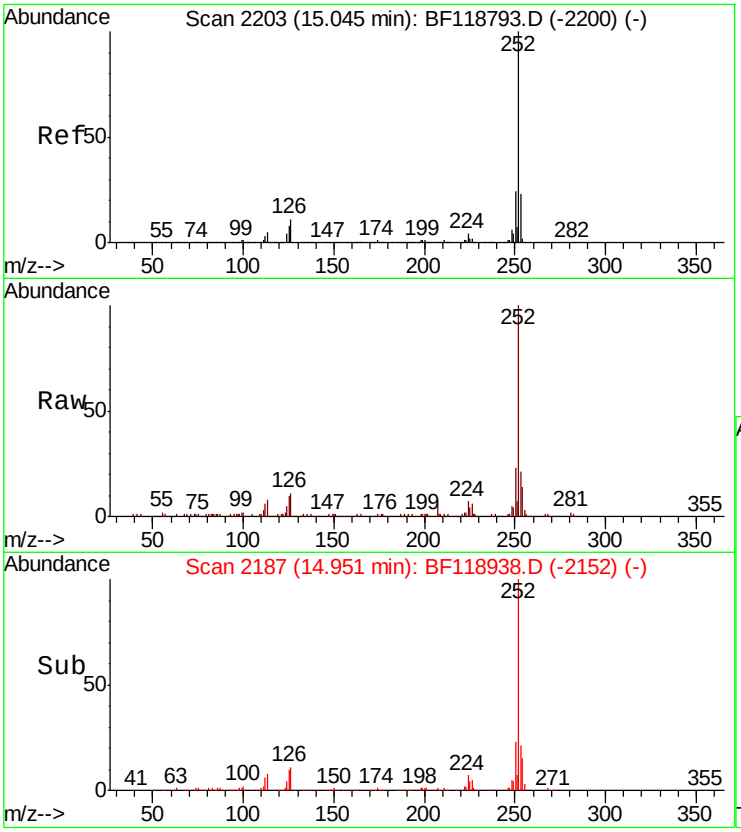


#88
Benzo(b)fluoranthene
Concen: 9.647 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.06 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Tgt Ion:252 Resp: 253494

Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.4	27.6
125	10.0	8.1	12.1



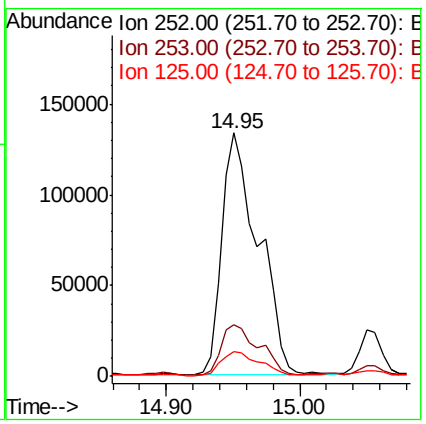


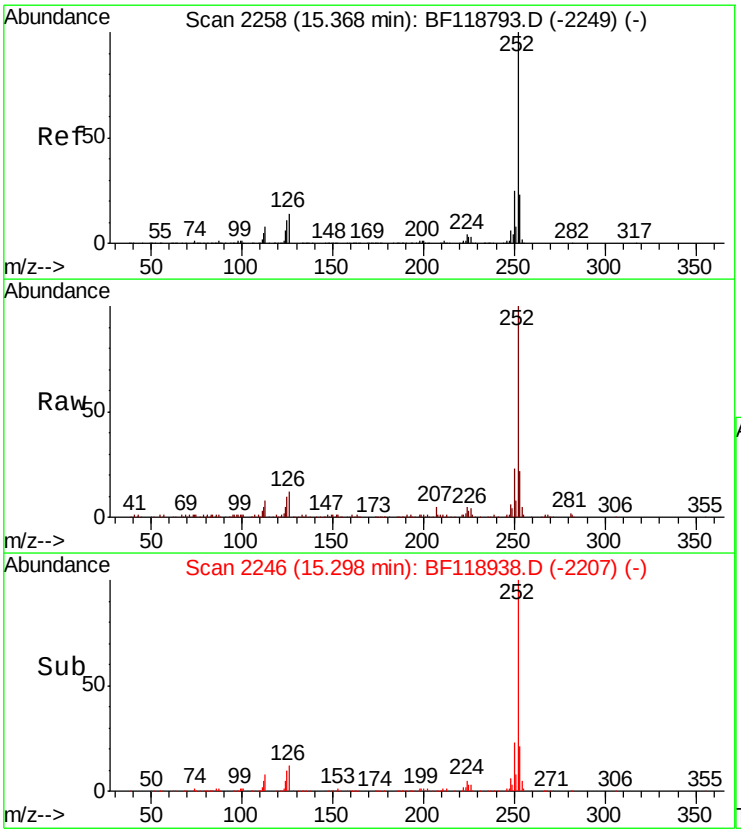
#89
Benzo(k)fluoranthene
Concen: 11.078 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.09 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 253494

Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.2	27.4
125	10.0	7.0	10.6

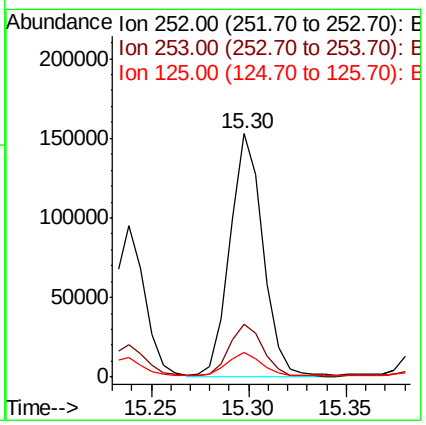


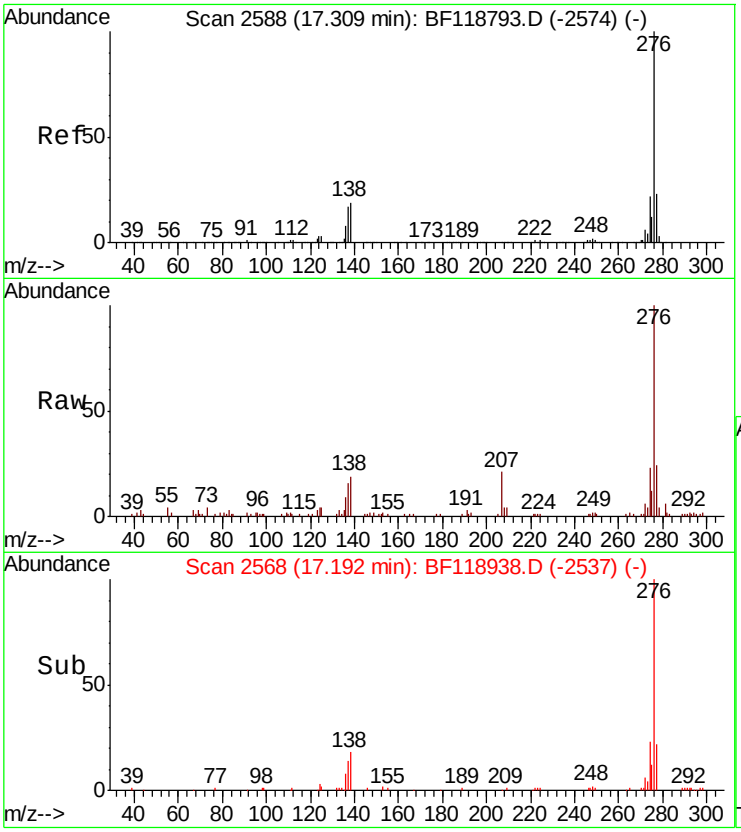


#90
Benzo(a)pyrene
Concen: 7.958 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.07 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Tgt Ion:252 Resp: 178960

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	10.0	8.7	13.1





#92
Benzo(g,h,i)perylene
Concen: 4.404 ng
RT: 17.19 min Scan# 2568
Delta R.T. -0.12 min
Lab File: BF118938.D
Acq: 14 Feb 2020 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 84558

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	18.8	15.4	23.2