Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117971.D
Acq On : 23 Nov 2019 21:53
Operator : JU
Sample : K5676-26RE 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 25 07:54:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	130200	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	522145	20.00	ng		-0.02
39) Acenaphthene-d10	9.95	164	284986	20.00	ng		-0.02
64) Phenanthrene-d10	11.45	188	610094	20.00	ng		-0.02
76) Chrysene-d12	14.10	240	349131	20.00	ng		-0.02
87) Perylene-d12	15.60	264	420273	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	357190	48.56	ng		-0.02
7) Phenol-d6	6.52	99	466322	52.56	ng		-0.02
23) Nitrobenzene-d5	7.46	82	275810	31.40	ng		-0.03
42) 2,4,6-Tribromophenol	10.75	330	171204	56.74	ng		-0.02
45) 2-Fluorobiphenyl	9.27	172	559165	35.20	ng		-0.02
79) Terphenyl-d14	13.04	244	669150	35.03	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	903	Below Cal		#	27
19) n-Nitroso-di-n-propylamine	7.46	70	36142	6.603	ng	#	73
25) Isophorone	7.46	82	272424	16.922	ng	#	62
31) Naphthalene	8.21	128	50835	2.088	ng		98
50) Dimethylphthalate	9.66	163	96086	4.808	ng		98
58) Fluorene	10.50	166	39510	2.267	ng		96
71) Phenanthrene	11.47	178	234794	7.655	ng		97
78) Pyrene	12.89	202	236749	8.391	ng		98
81) Benzo(a)anthracene	14.12	228	88023	3.815	ng		98
83) Chrysene	14.12	228	88023	3.937	ng		96
86) Indeno(1,2,3-cd)pyrene	17.12	276	50376	2.648	ng		94
88) Benzo(b)fluoranthene	15.15	252	145556	5.331	ng	#	96
89) Benzo(k)fluoranthene	15.15	252	145556	5.658	ng	#	94
90) Benzo(a)pyrene	15.53	252	85500	3.561	ng		98
92) Benzo(g,h,i)perylene	17.58	276	42750	2.077	ng		96

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

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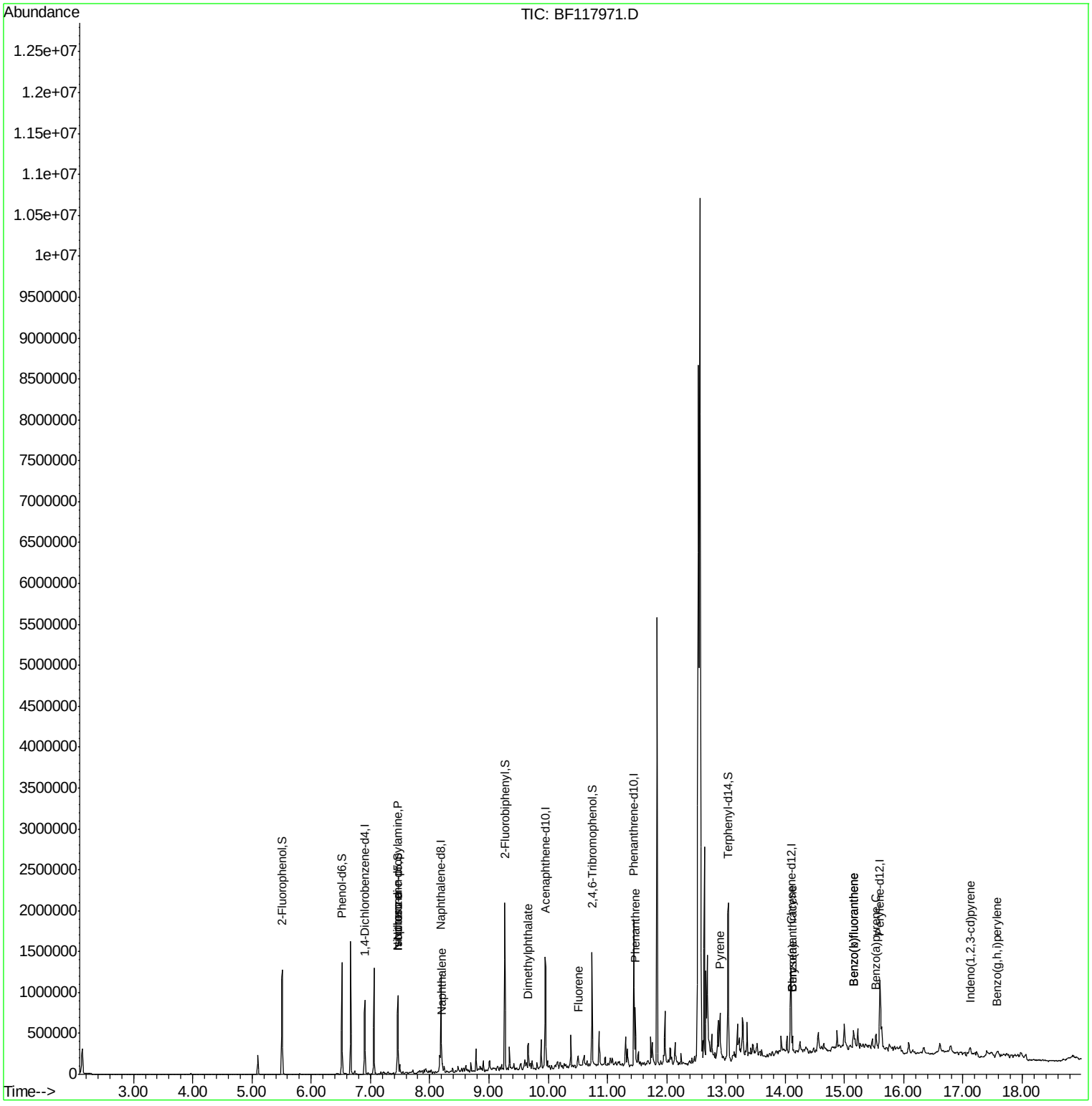
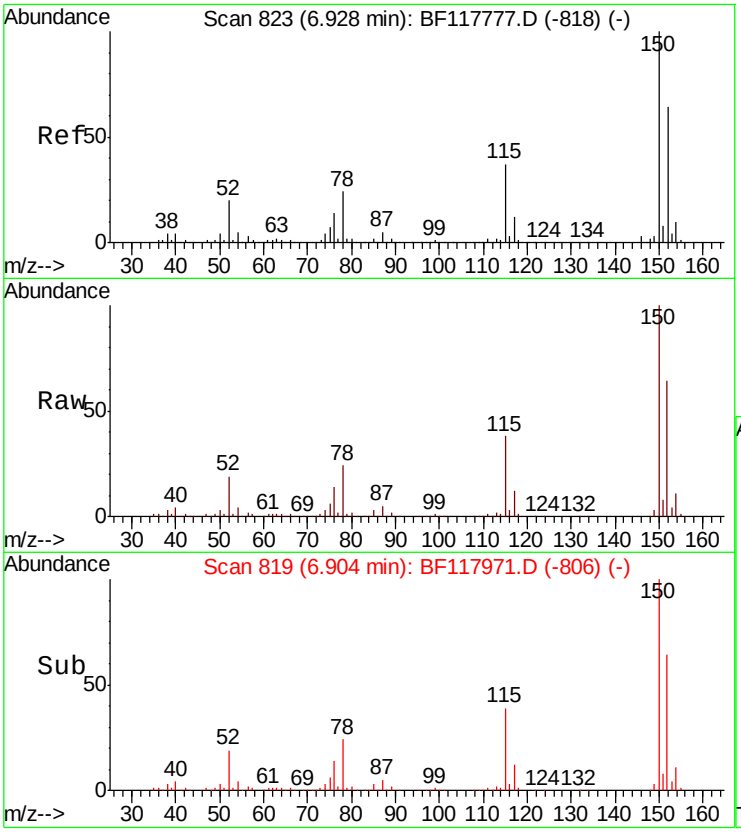


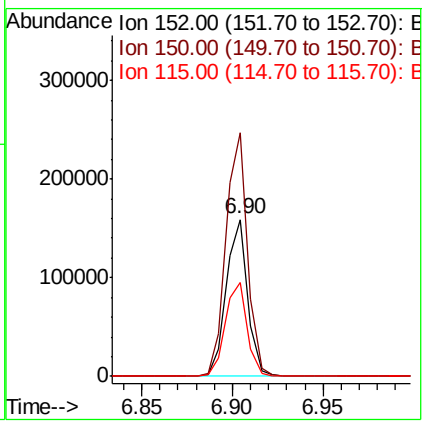


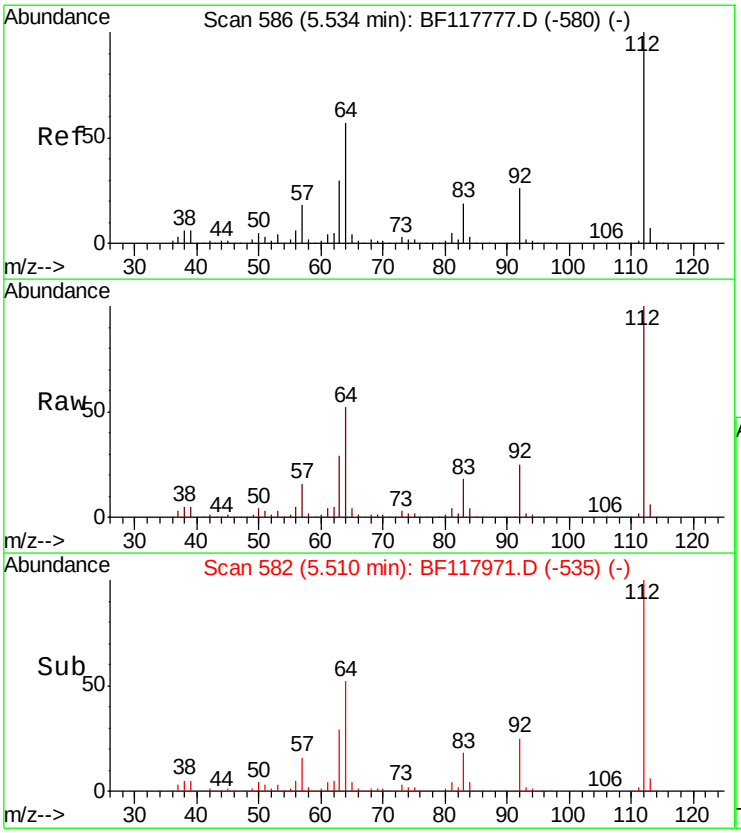
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 130200

Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.3	187.9
115	59.7	47.0	70.4

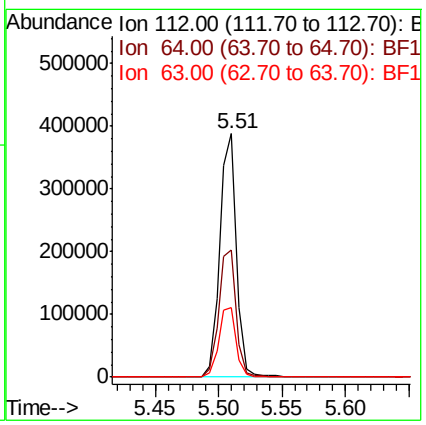


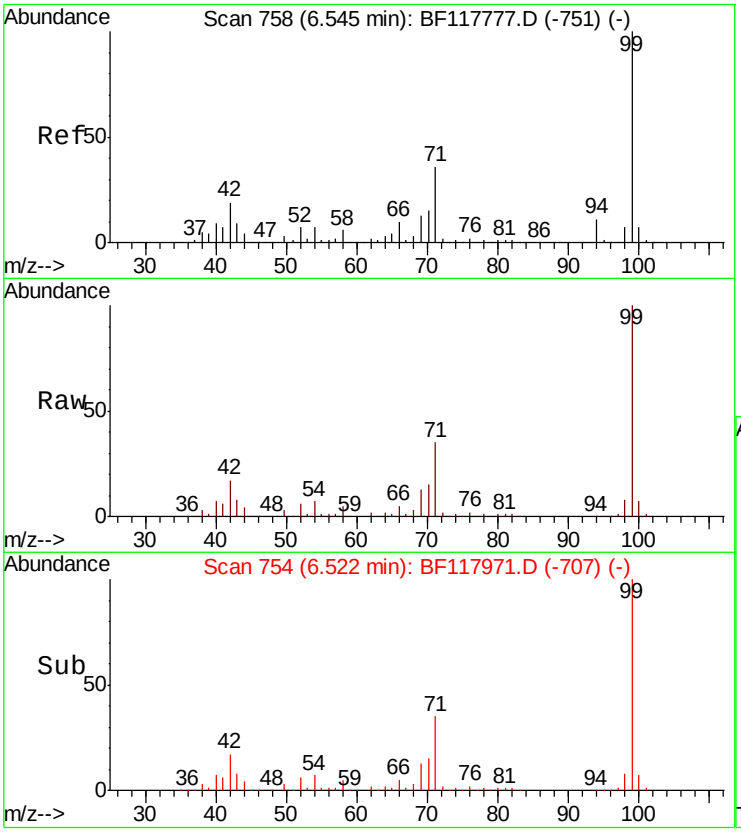


#5
2-Fluorophenol
Concen: 48.561 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.02 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Tgt Ion:112 Resp: 357190

Ion	Ratio	Lower	Upper
112	100		
64	52.4	45.6	68.4
63	28.7	24.1	36.1



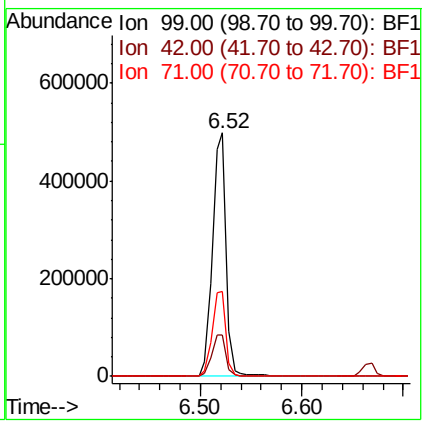


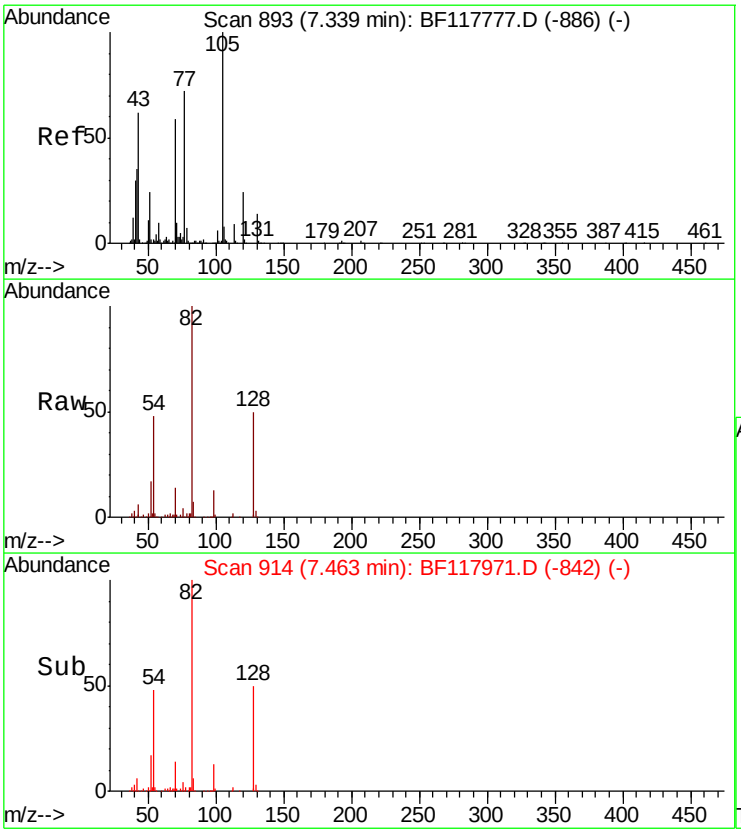
#7
Phenol-d6
Concen: 52.562 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.02 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 466322

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.9	22.3
71	35.1	28.6	43.0

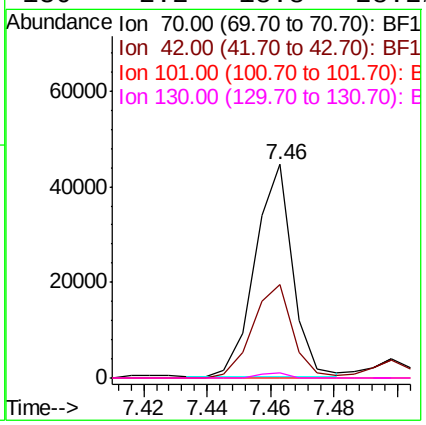


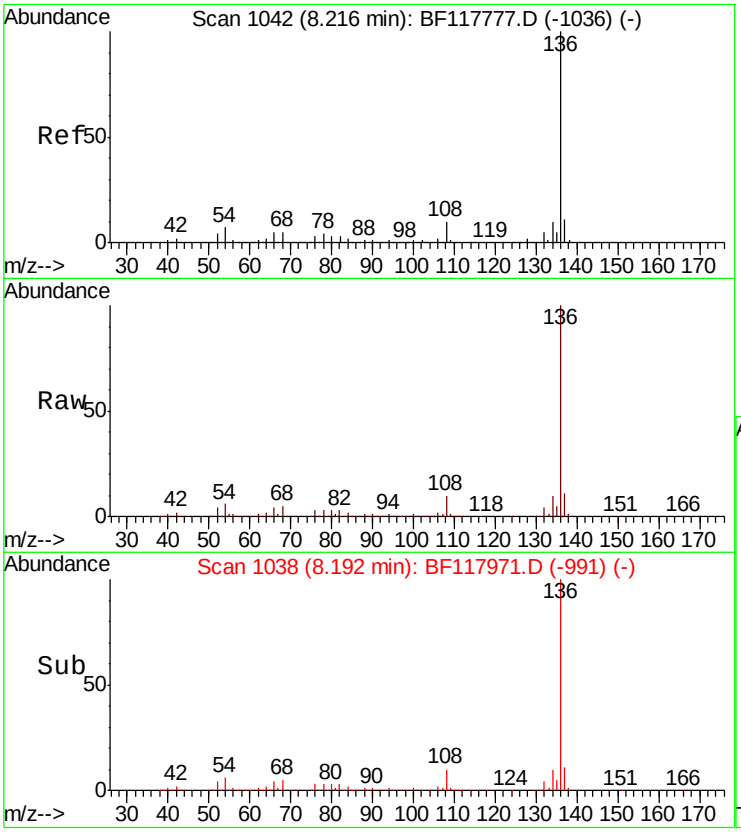


#19
n-Nitroso-di-n-propylamine
Concen: 6.603 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.12 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Tgt Ion: 70 Resp: 36142

Ion	Ratio	Lower	Upper
70	100		
42	43.7	47.4	71.2#
101	0.0	8.4	12.6#
130	2.2	18.8	28.2#



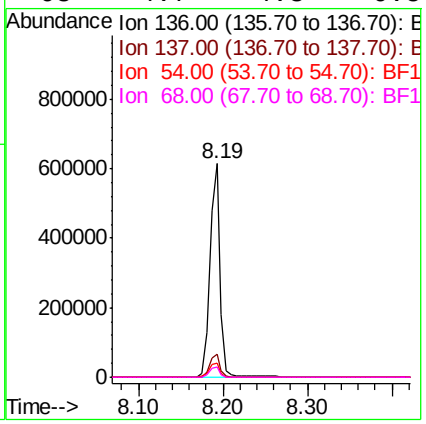


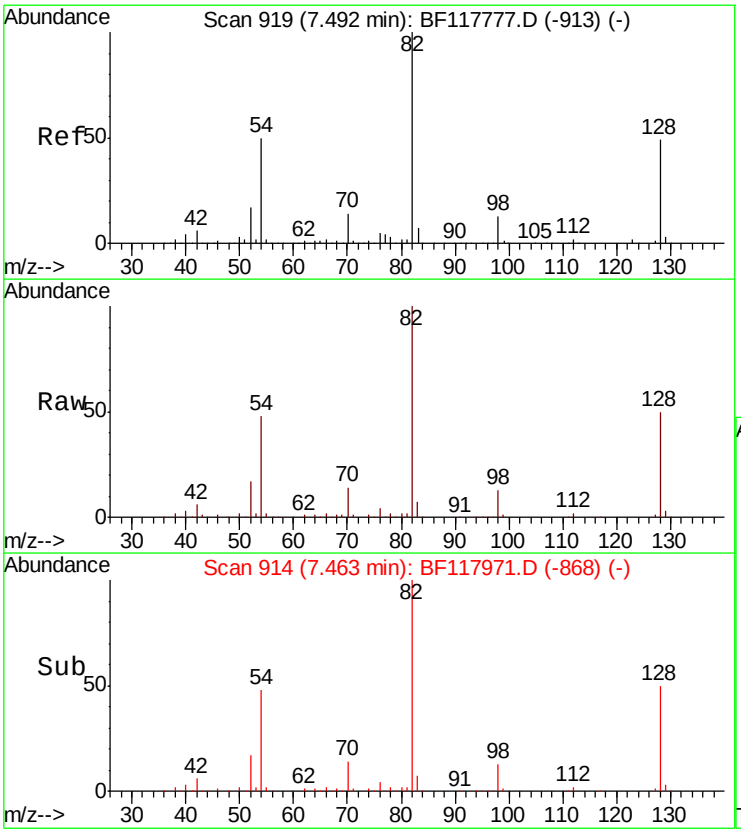
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 522145

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.4	5.4	8.2
68	4.7	4.3	6.5

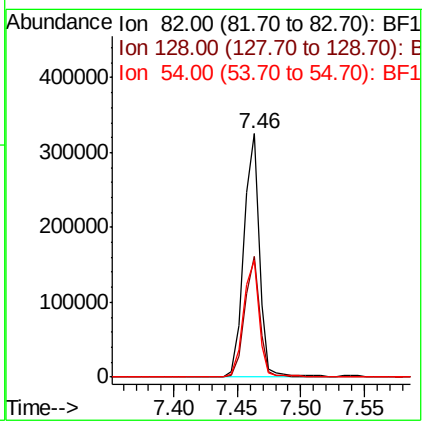


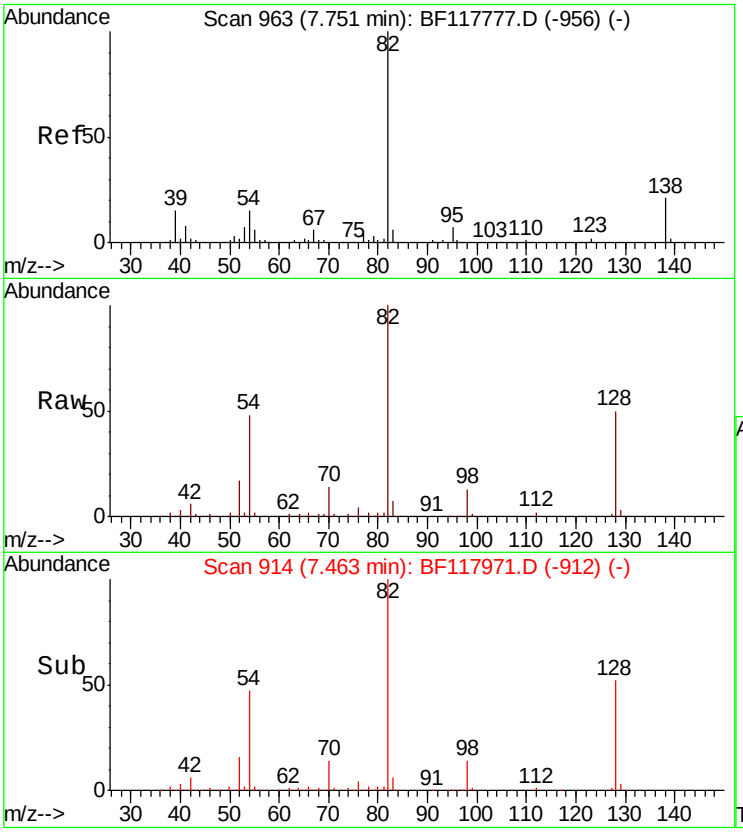


#23
Nitrobenzene-d5
Concen: 31.401 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Tgt Ion: 82 Resp: 275810

Ion	Ratio	Lower	Upper
82	100		
128	49.6	38.9	58.3
54	48.1	39.8	59.6



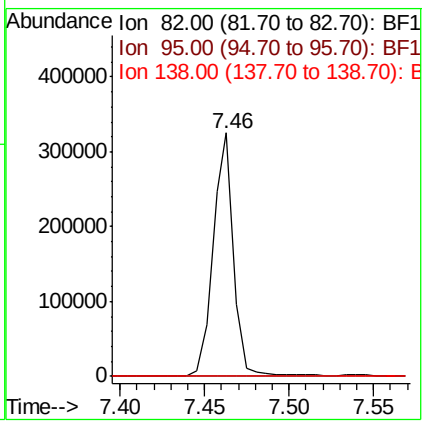


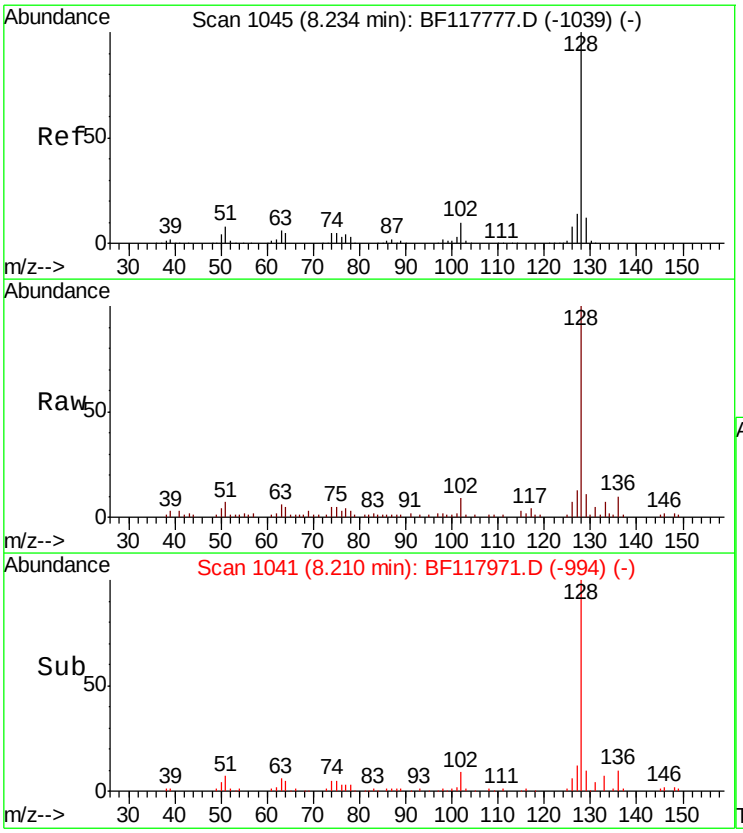
#25
Isophorone
Concen: 16.922 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.29 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 272424

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.8	8.8#
138	0.0	16.5	24.7#

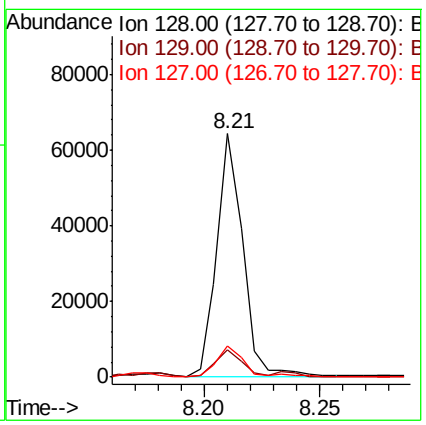


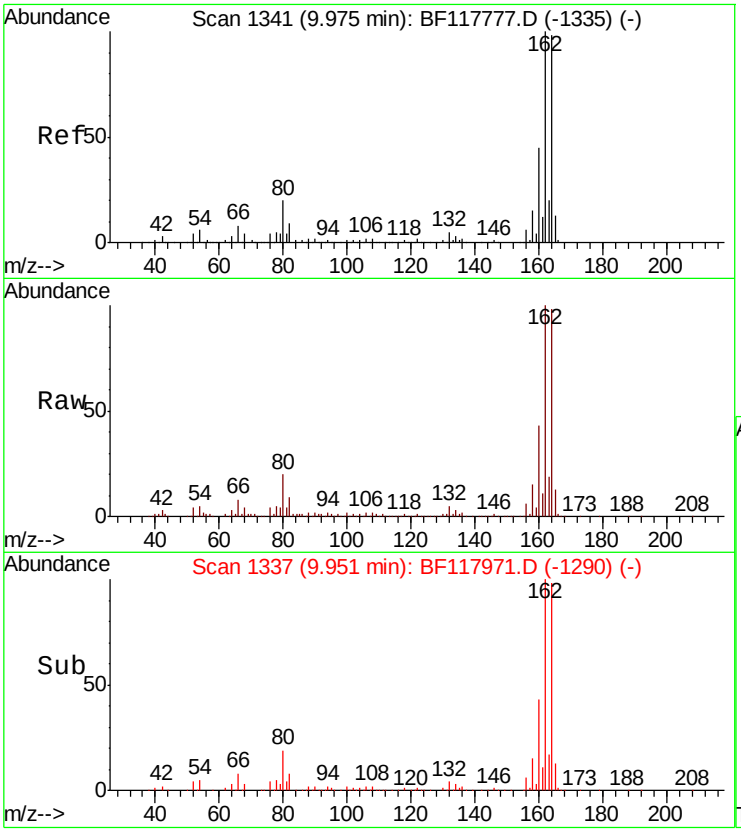


#31
Naphthalene
Concen: 2.088 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Tgt Ion:128 Resp: 50835

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.5	14.3
127	12.9	11.3	16.9



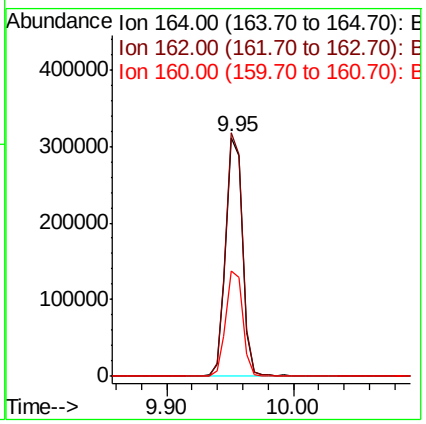


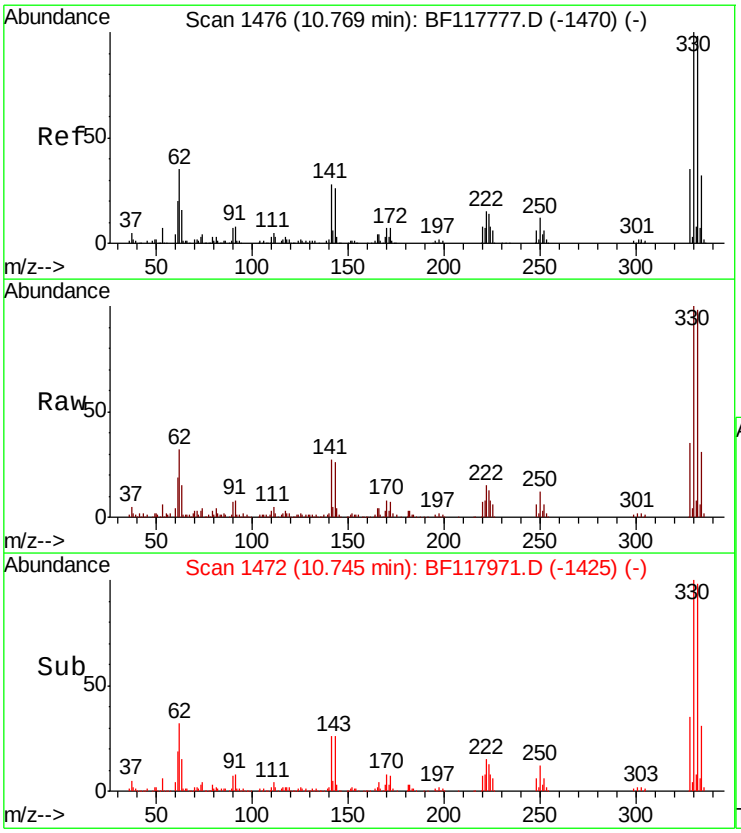
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 284986

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.3	121.9
160	44.2	36.6	55.0

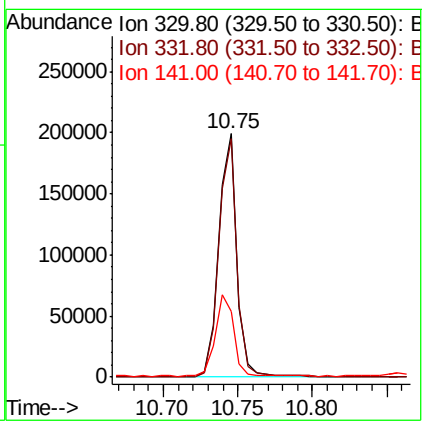


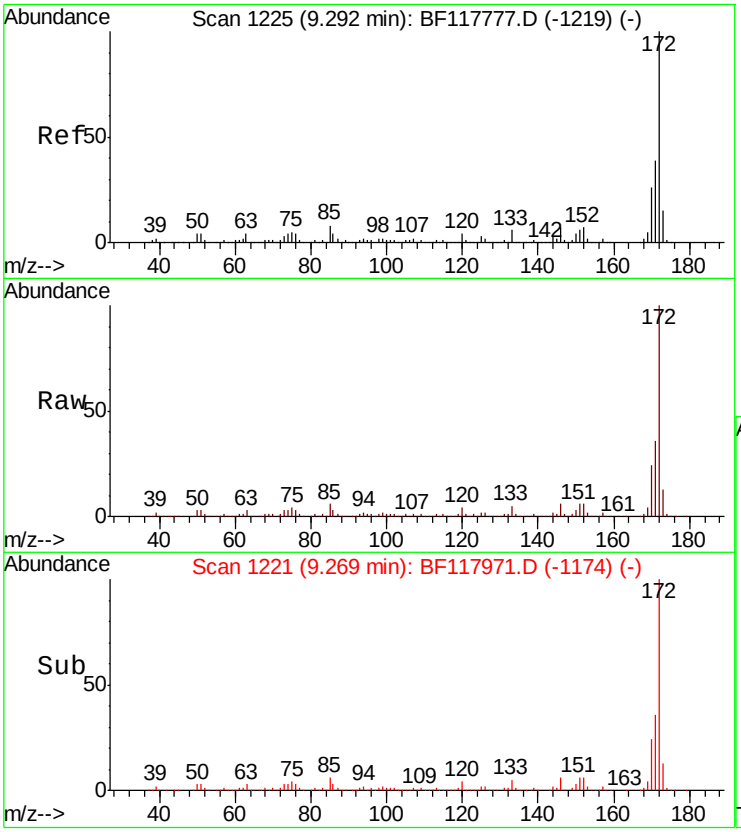


#42
2,4,6-Tribromophenol
Concen: 56.744 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.02 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Tgt Ion:330 Resp: 171204

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.7	115.1
141	34.2	27.7	41.5



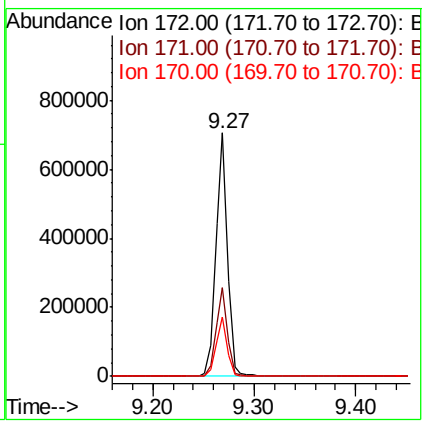


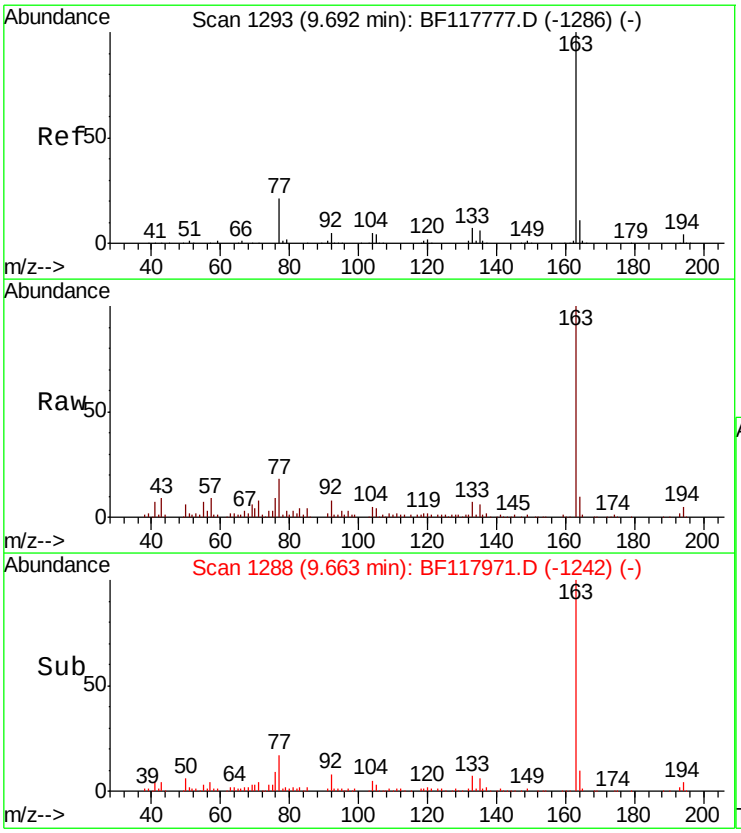
#45
2-Fluorobiphenyl
Concen: 35.200 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 559165

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.9	46.3
170	24.2	21.0	31.4

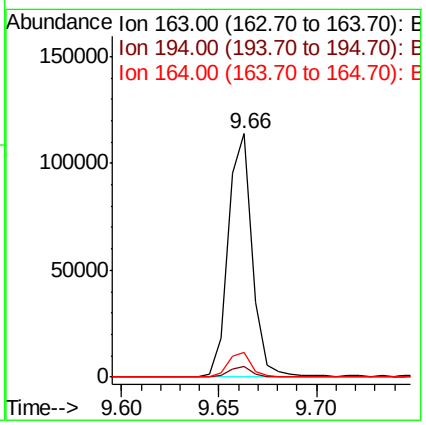


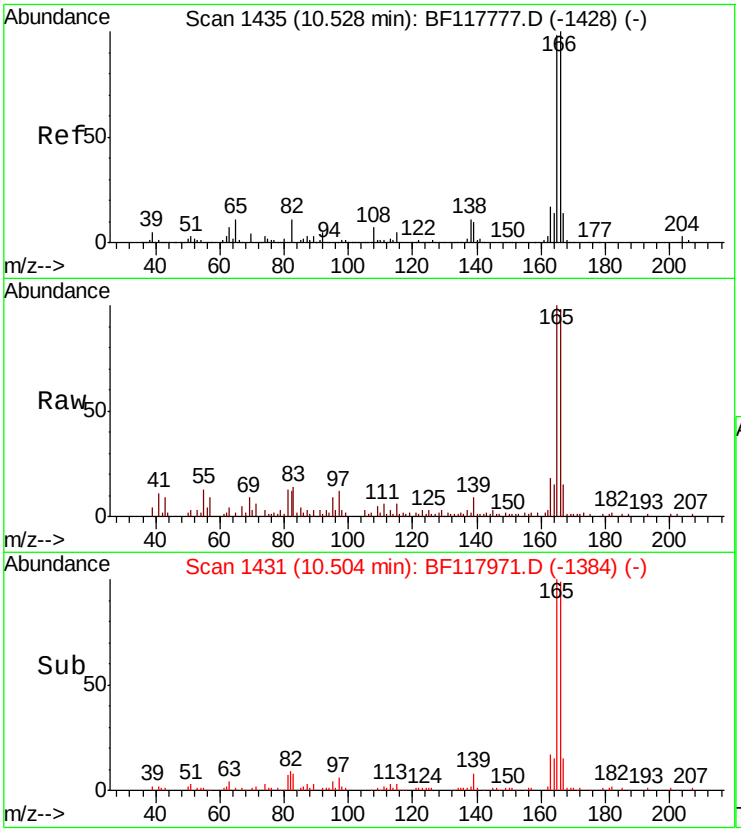


#50
Dimethylphthalate
Concen: 4.808 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Tgt Ion:163 Resp: 96086

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.3	4.9
164	10.2	8.7	13.1



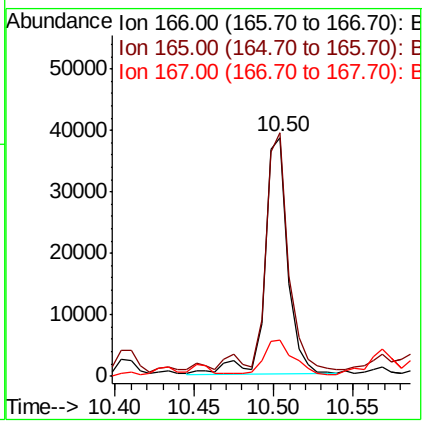


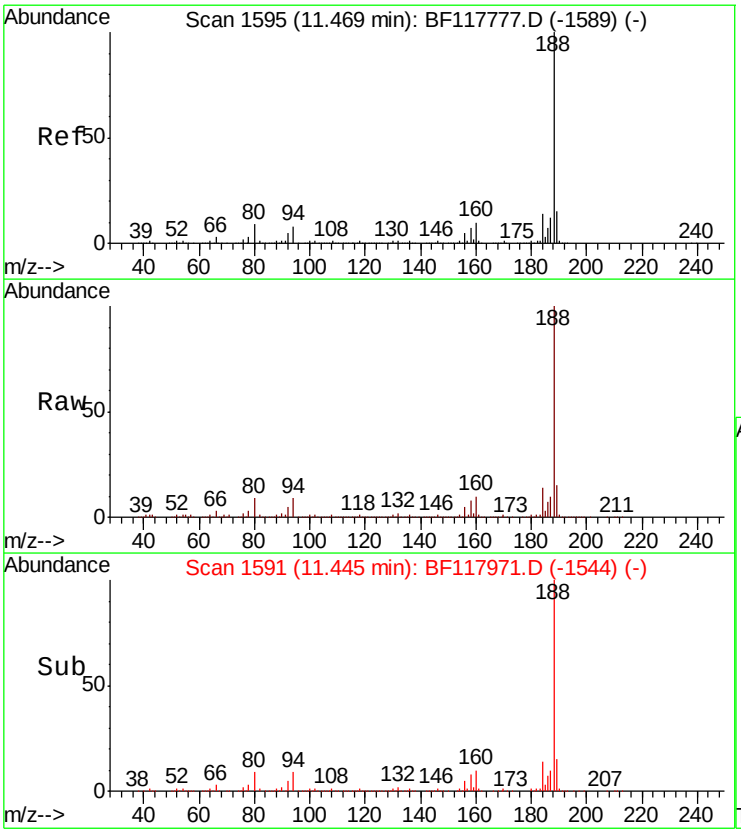
#58
Fluorene
Concen: 2.267 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 39510

Ion	Ratio	Lower	Upper
166	100		
165	101.8	78.4	117.6
167	15.3	11.0	16.4

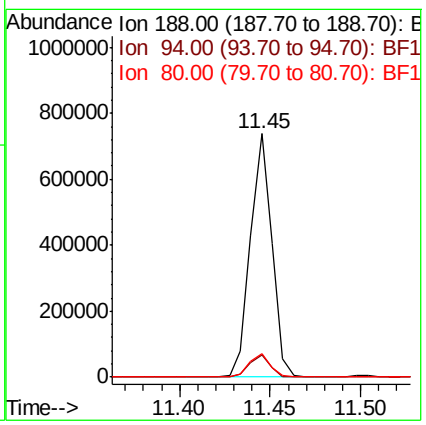


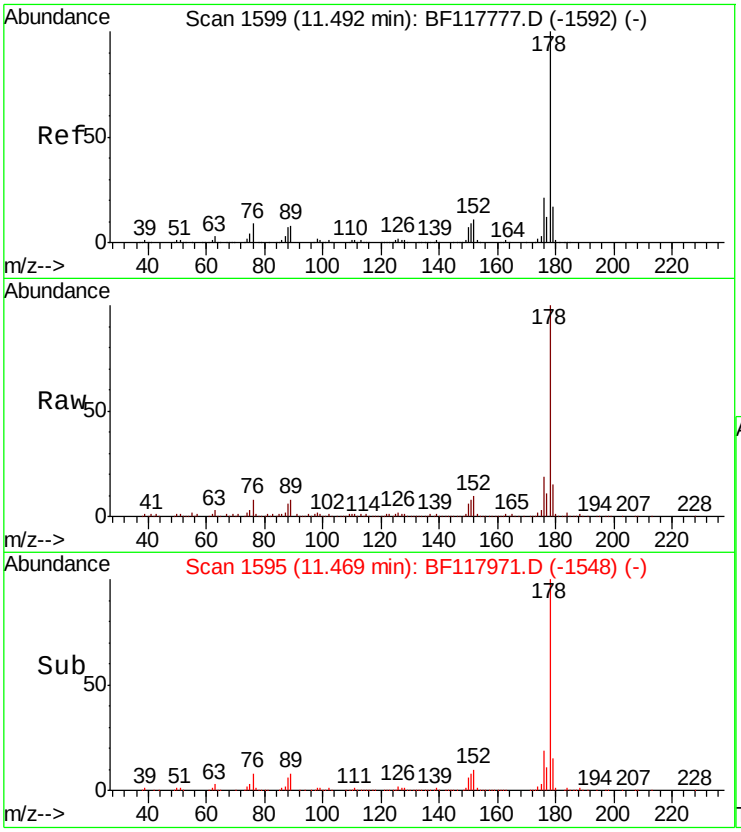


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Tgt Ion:188 Resp: 610094

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.6	10.0
80	9.4	7.2	10.8



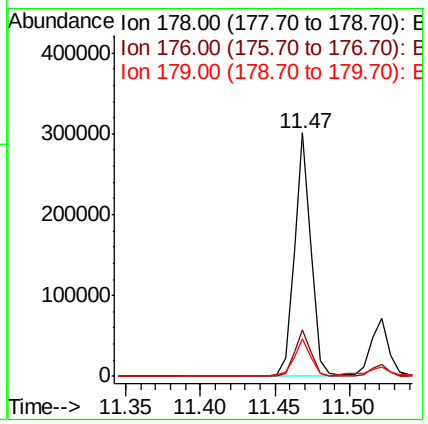


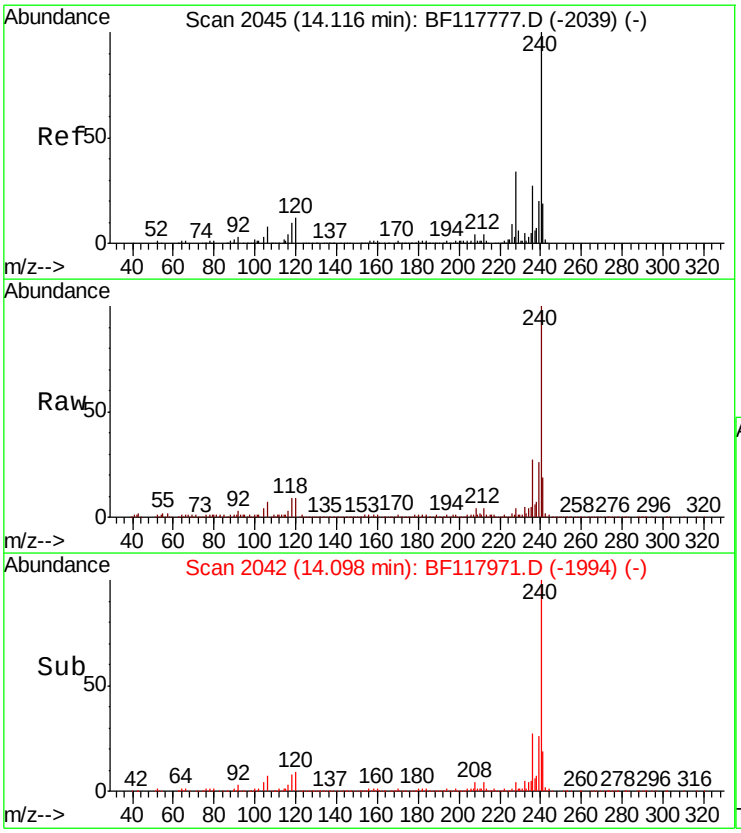
#71
Phenanthrene
Concen: 7.655 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.02 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 234794

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.6	25.0
179	15.3	13.2	19.8

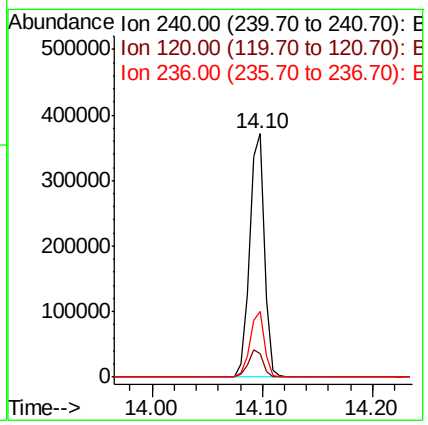


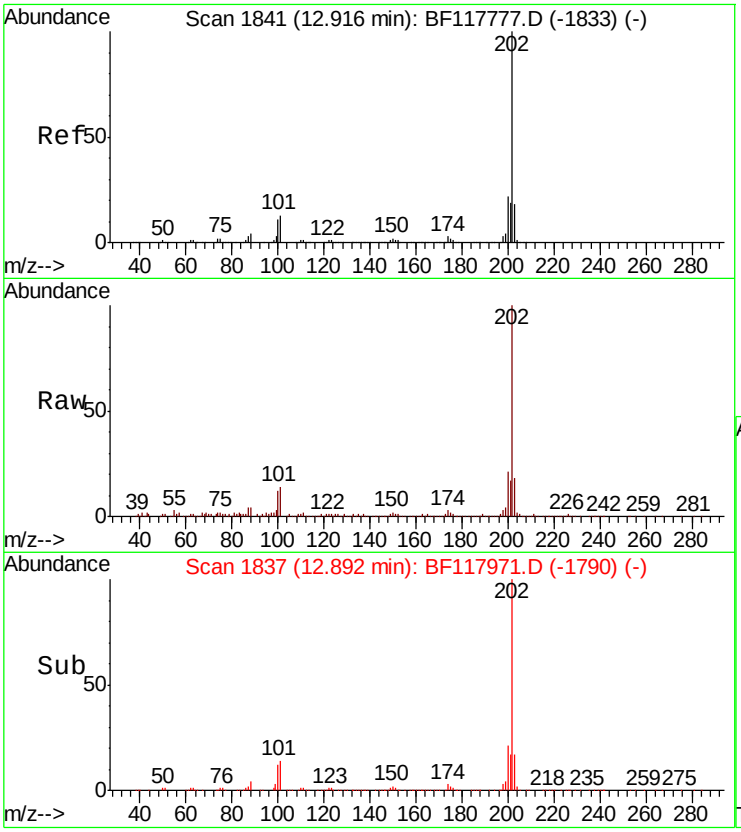


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.02 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Tgt Ion:240 Resp: 349131

Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3#
236	26.9	21.3	31.9



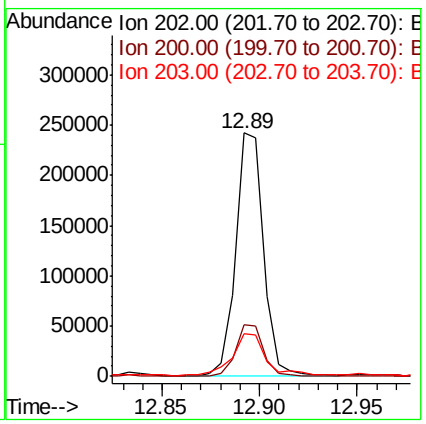


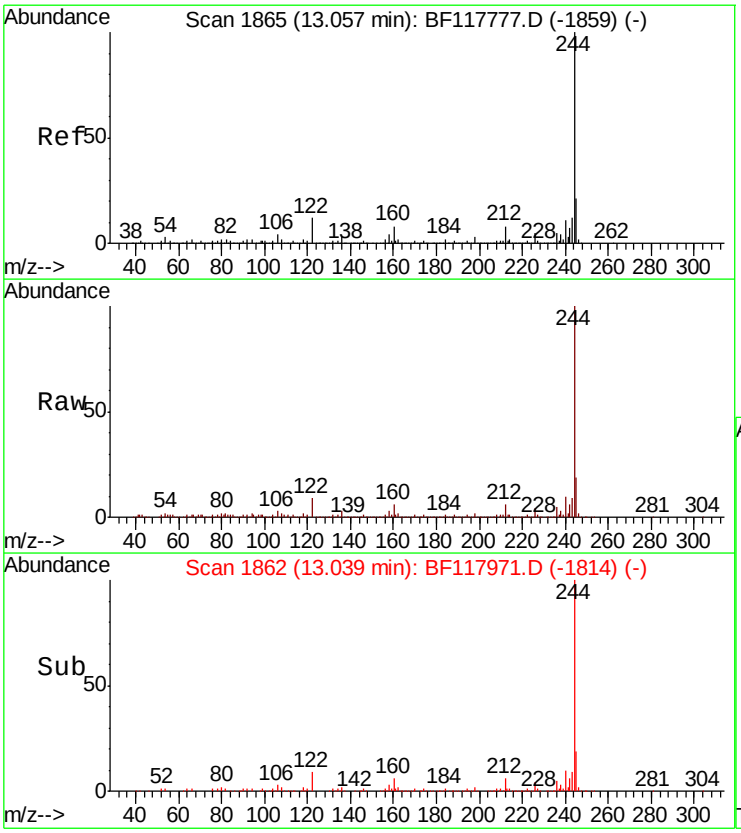
#78
Pyrene
Concen: 8.391 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 236749

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.8
203	17.7	14.6	22.0

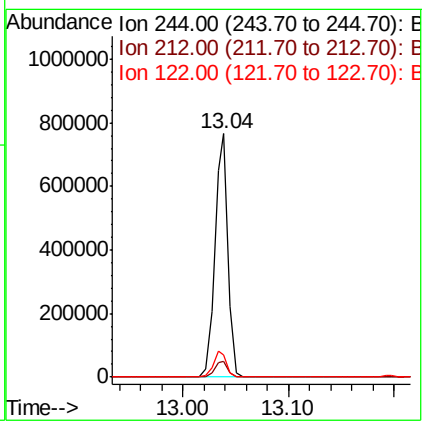


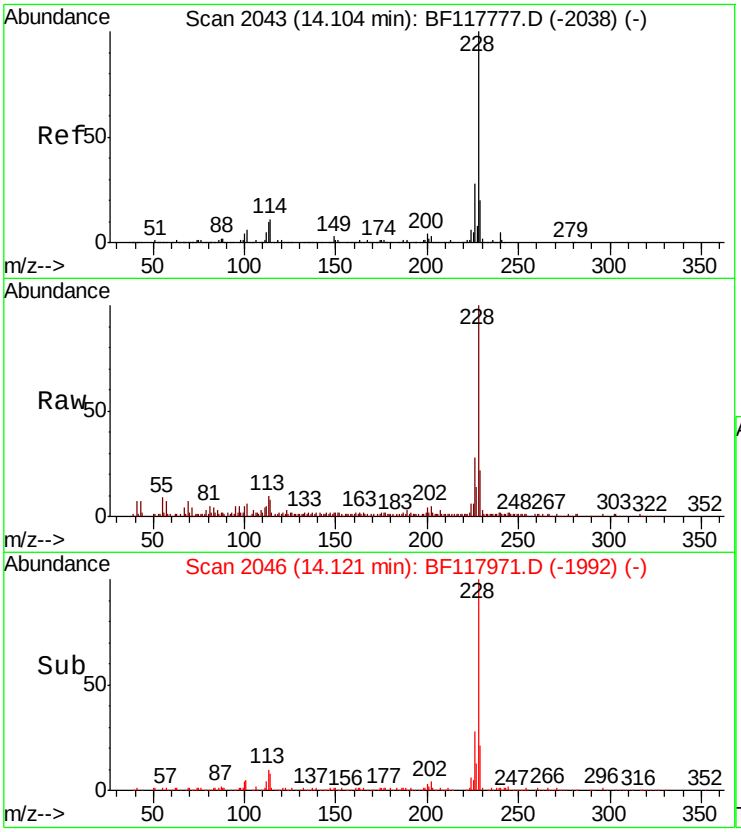


#79
Terphenyl-d14
Concen: 35.028 ng
RT: 13.04 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Tgt Ion:244 Resp: 669150

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.3	9.5
122	9.3	9.4	14.2#



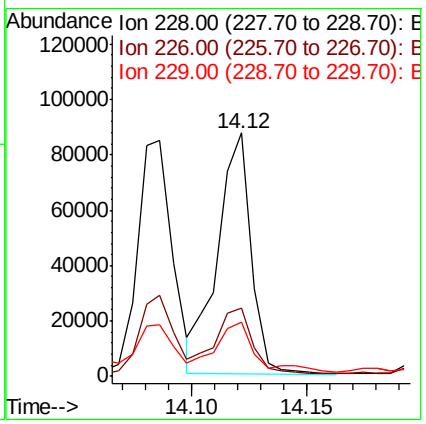


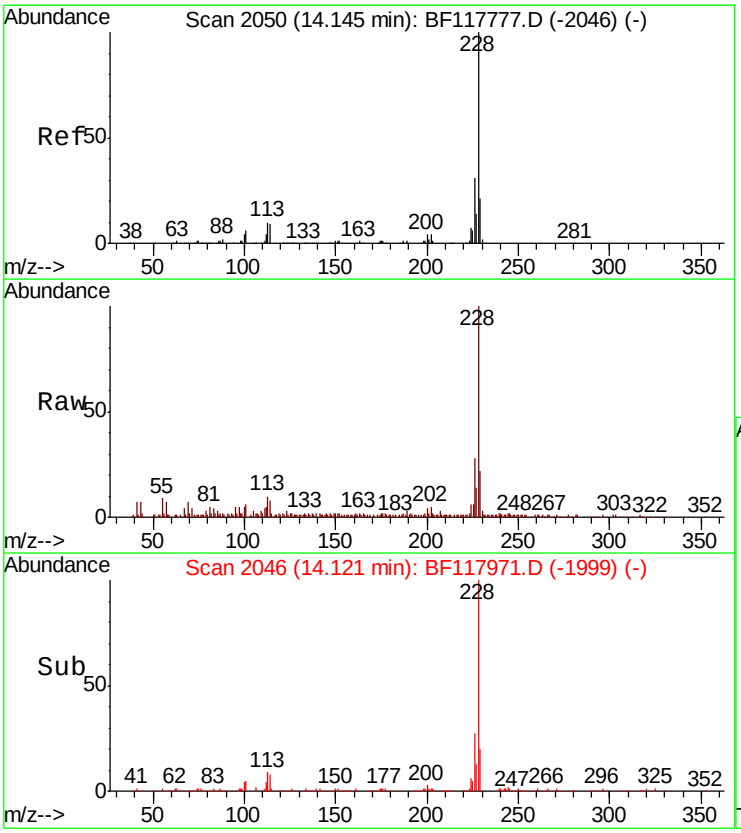
#81
Benzo(a)anthracene
Concen: 3.815 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.02 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 88023

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.2
229	22.0	15.9	23.9

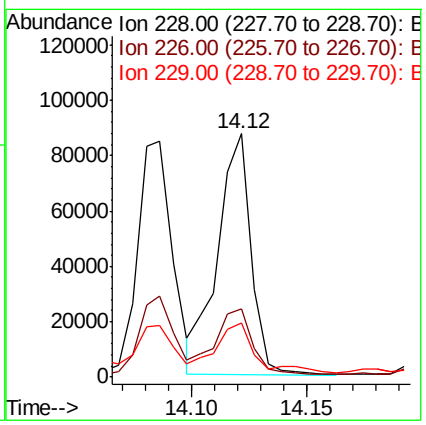


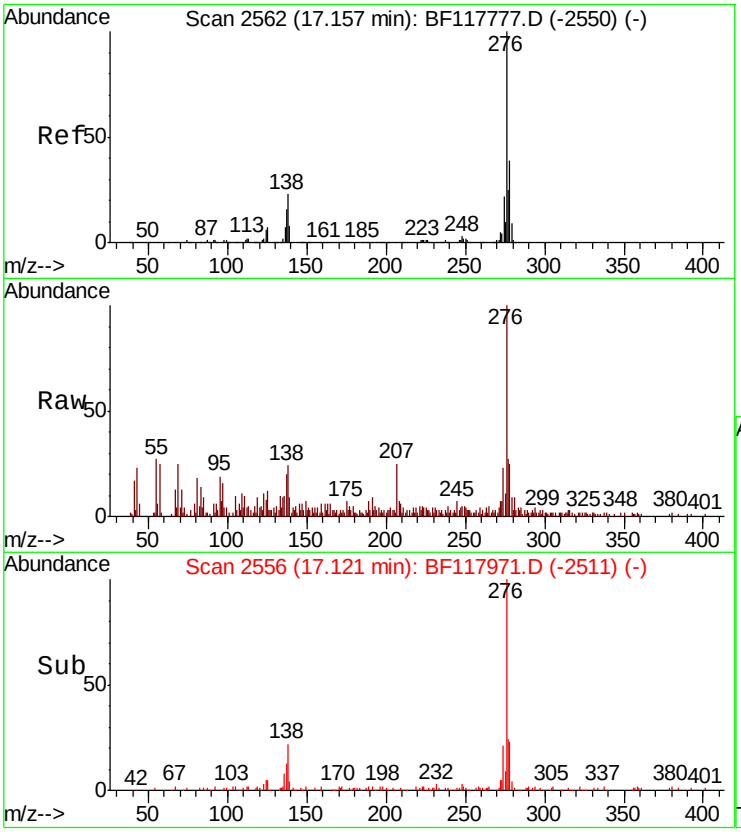


#83
Chrysene
Concen: 3.937 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.02 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Tgt Ion:228 Resp: 88023

Ion	Ratio	Lower	Upper
228	100		
226	28.1	25.0	37.4
229	22.0	16.6	25.0



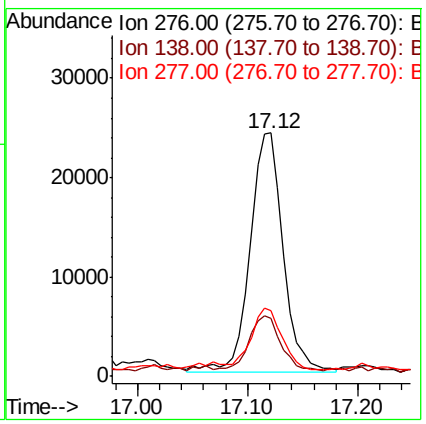


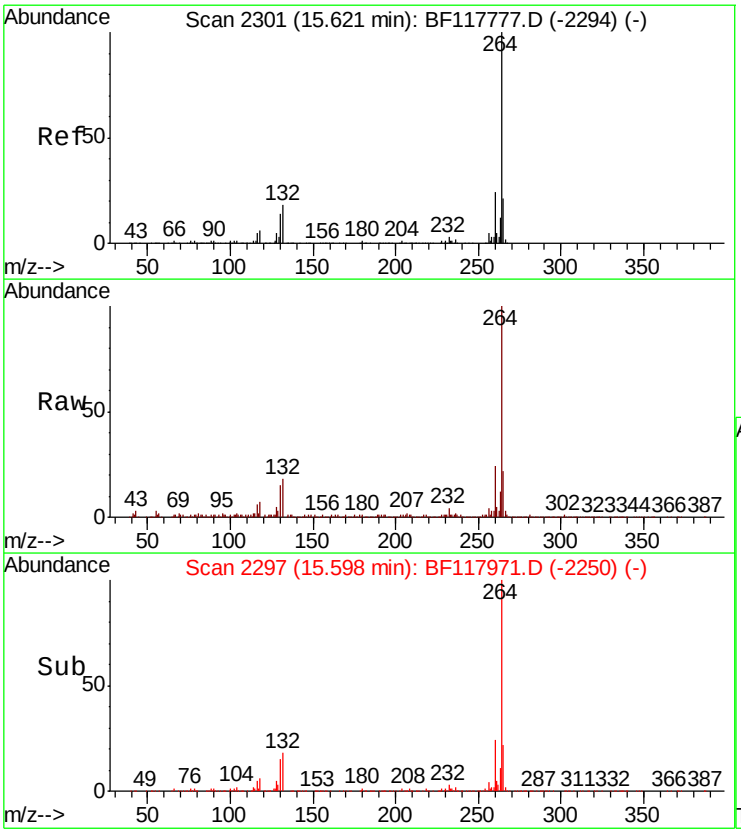
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.648 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.04 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 50376

Ion	Ratio	Lower	Upper
276	100		
138	21.4	20.9	31.3
277	24.0	20.3	30.5

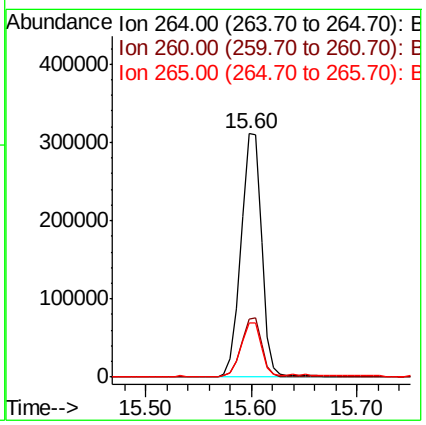


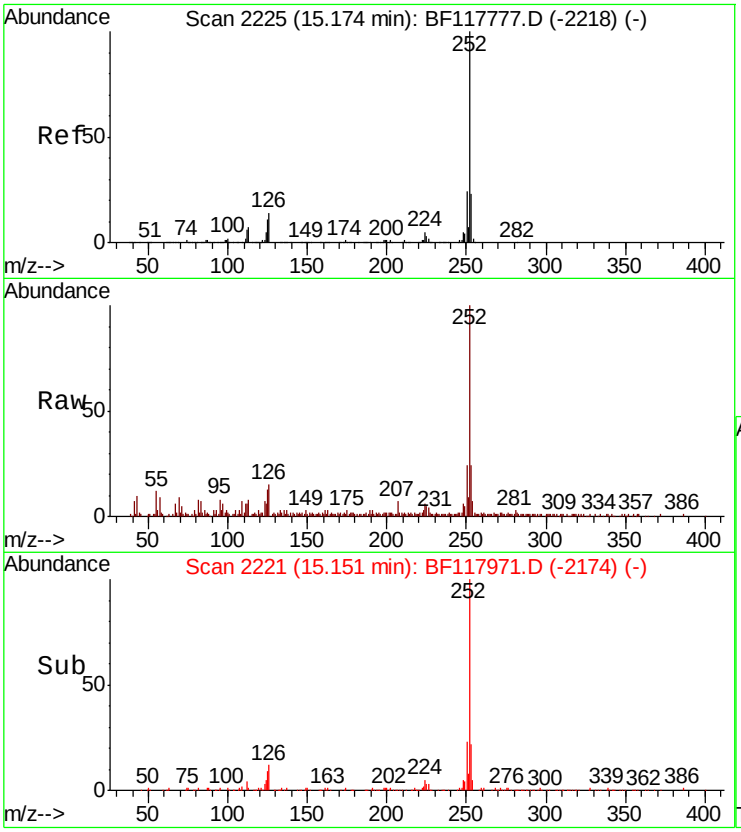


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.02 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Tgt Ion:264 Resp: 420273

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	22.3	17.1	25.7



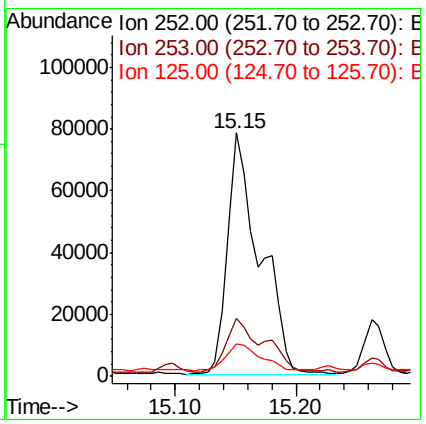


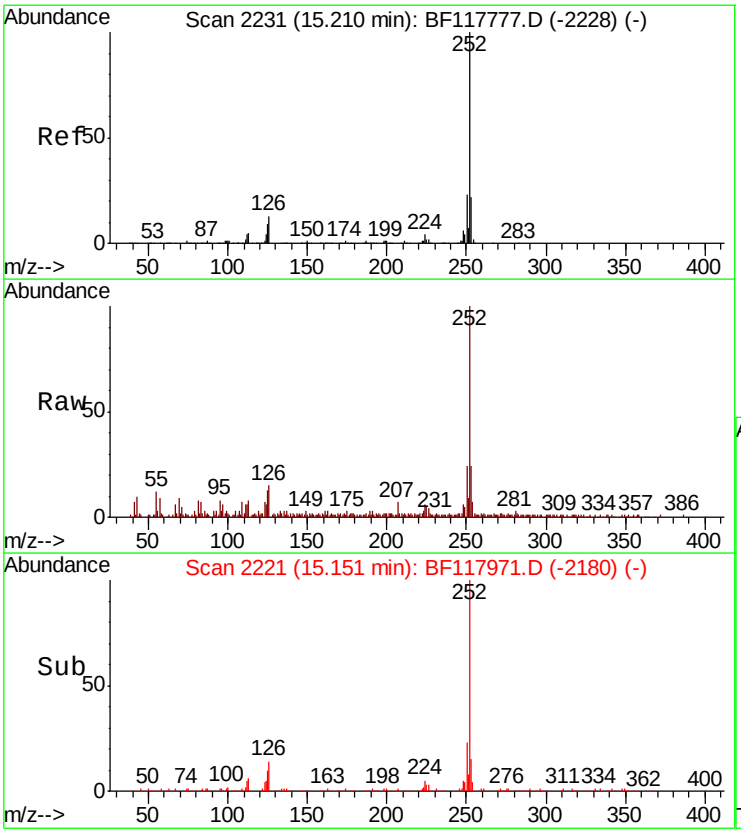
#88
Benzo(b)fluoranthene
Concen: 5.331 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 145556

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	13.2	8.6	13.0#

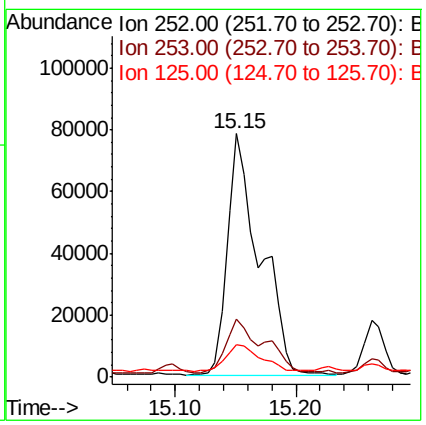


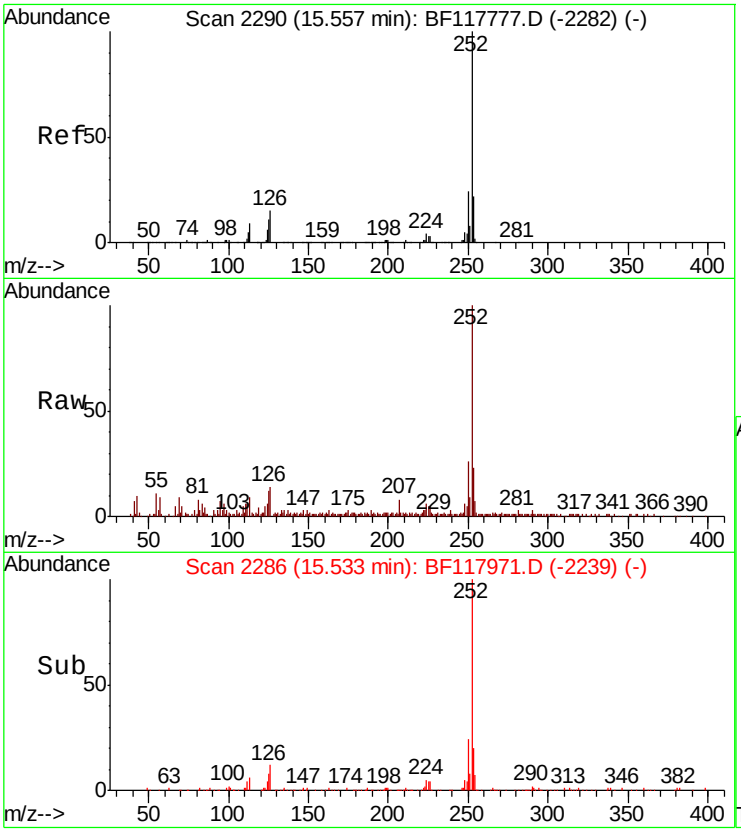


#89
Benzo(k)fluoranthene
Concen: 5.658 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.06 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Tgt Ion:252 Resp: 145556

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	13.2	7.9	11.9#



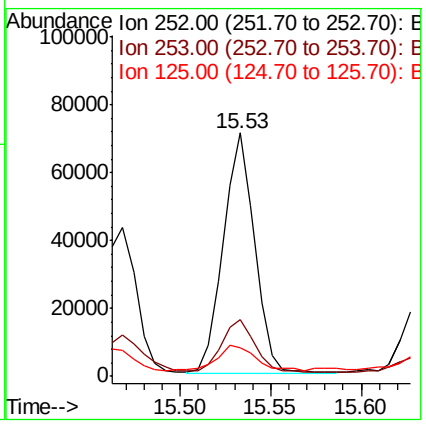


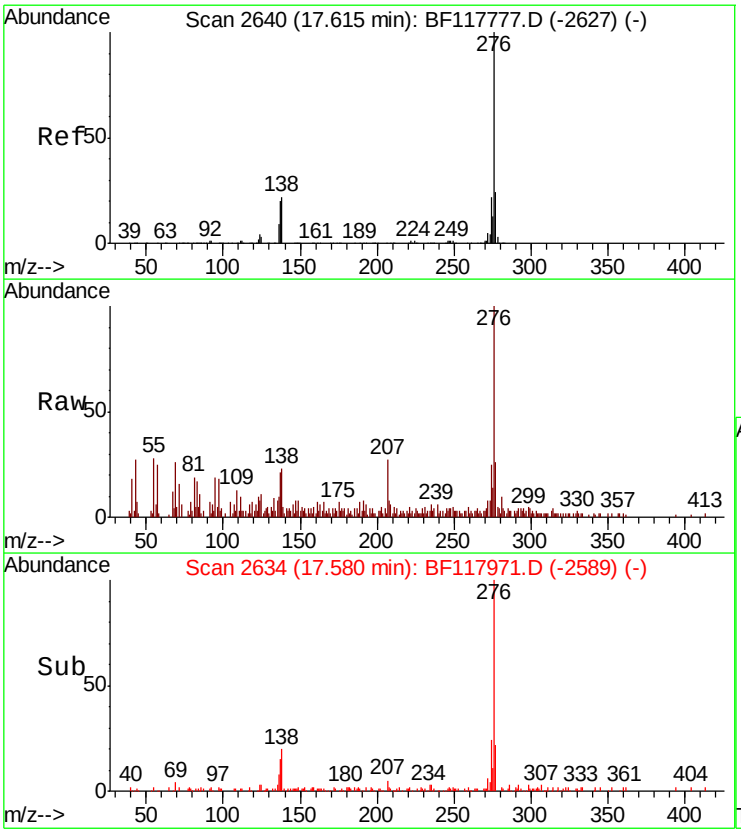
#90
Benzo(a)pyrene
Concen: 3.561 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.02 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 85500

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	11.8	9.2	13.8





#92
Benzo(g,h,i)perylene
Concen: 2.077 ng
RT: 17.58 min Scan# 2634
Delta R.T. -0.04 min
Lab File: BF117971.D
Acq: 23 Nov 2019 21:53

Tgt Ion:276 Resp: 42750

Ion	Ratio	Lower	Upper
276	100		
277	26.4	18.9	28.3
138	23.1	17.4	26.2