Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117854.D
Acq On : 19 Nov 2019 12:54
Operator : JU
Sample : K5671-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 19 13:32:04 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	6.92	152	227687	20.00	ng		-0.01
21) Naphthalene-d8	8.20	136	892270	20.00	ng		-0.01
39) Acenaphthene-d10	9.96	164	459486	20.00	ng		-0.01
64) Phenanthrene-d10	11.46	188	771138	20.00	ng		-0.01
76) Chrysene-d12	14.11	240	502503	20.00	ng		0.00
87) Perylene-d12	15.62	264	489684	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	511572	39.77	ng		-0.01
7) Phenol-d6	6.53	99	668704	43.10	ng		-0.02
23) Nitrobenzene-d5	7.47	82	389193	25.93	ng		-0.02
42) 2,4,6-Tribromophenol	10.75	330	128897	26.50	ng		-0.02
45) 2-Fluorobiphenyl	9.28	172	773765	30.21	ng		-0.01
79) Terphenyl-d14	13.04	244	668815	24.32	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.53	77	1541	Below Cal		#	1
10) Phenol	6.54	94	33528	2.080	ng		94
19) n-Nitroso-di-n-propylamine	7.47	70	53910	5.632	ng	#	75
25) Isophorone	7.47	82	385151	14.000	ng	#	62
49) Acenaphthylene	9.82	152	99629	2.437	ng		98
50) Dimethylphthalate	9.67	163	78694	2.442	ng		100
51) 2,6-Dinitrotoluene	9.96	165	60207	8.550	ng	#	23
58) Fluorene	10.52	166	63112	2.245	ng		96
71) Phenanthrene	11.48	178	518858	13.383	ng		97
72) Anthracene	11.53	178	171996	4.474	ng		97
75) Fluoranthene	12.67	202	673482	13.871	ng		99
78) Pyrene	12.90	202	624317	15.373	ng		100
81) Benzo(a)anthracene	14.13	228	308763	9.298	ng		96
83) Chrysene	14.13	228	308763	9.596	ng		96
86) Indeno(1,2,3-cd)pyrene	17.14	276	171249	6.253	ng		95
88) Benzo(b)fluoranthene	15.17	252	526773	16.557	ng		98
89) Benzo(k)fluoranthene	15.17	252	526773	17.573	ng		97
90) Benzo(a)pyrene	15.54	252	300793	10.752	ng		97
92) Benzo(g,h,i)perylene	17.60	276	170727	7.118	ng		99

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

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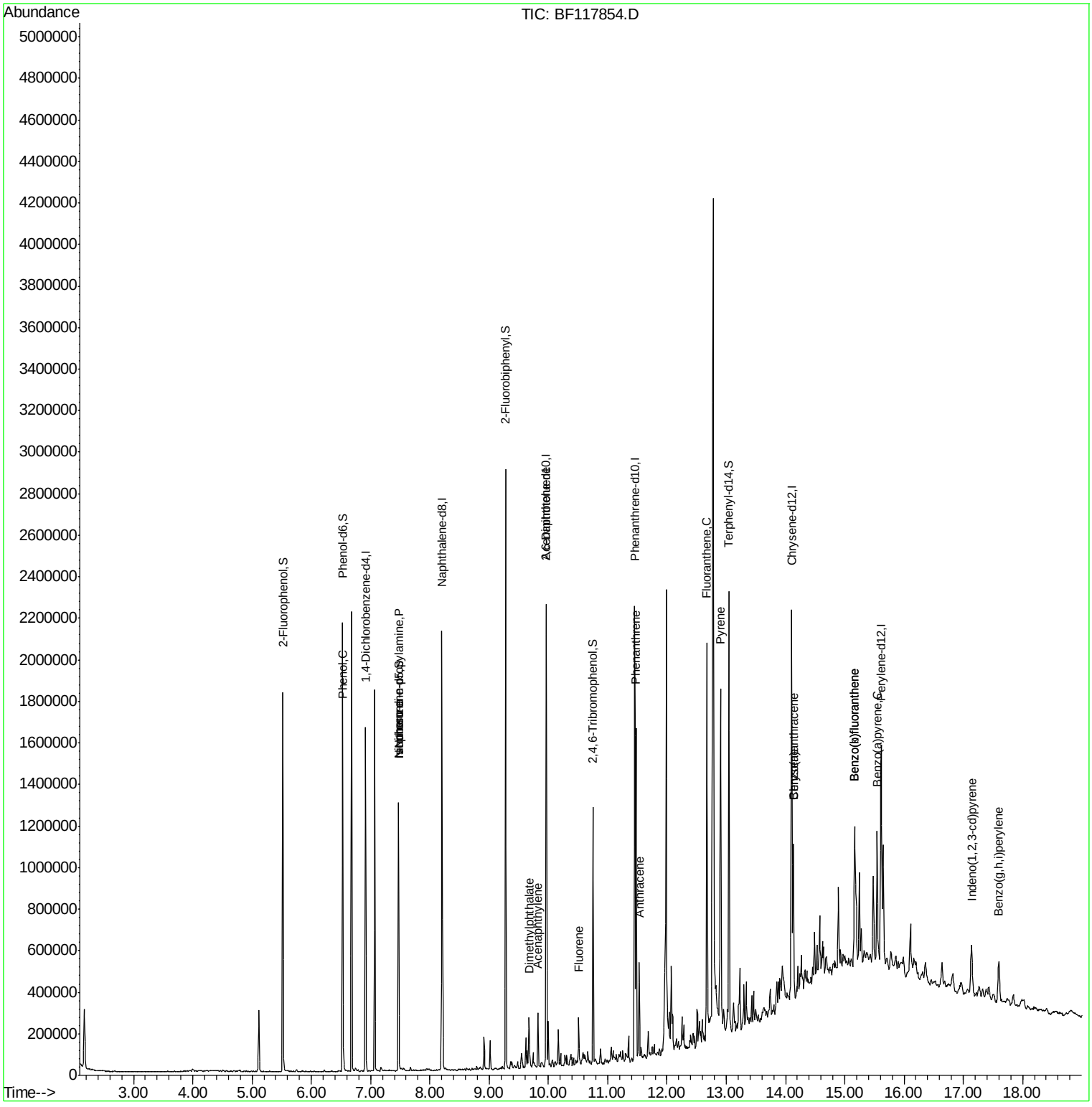
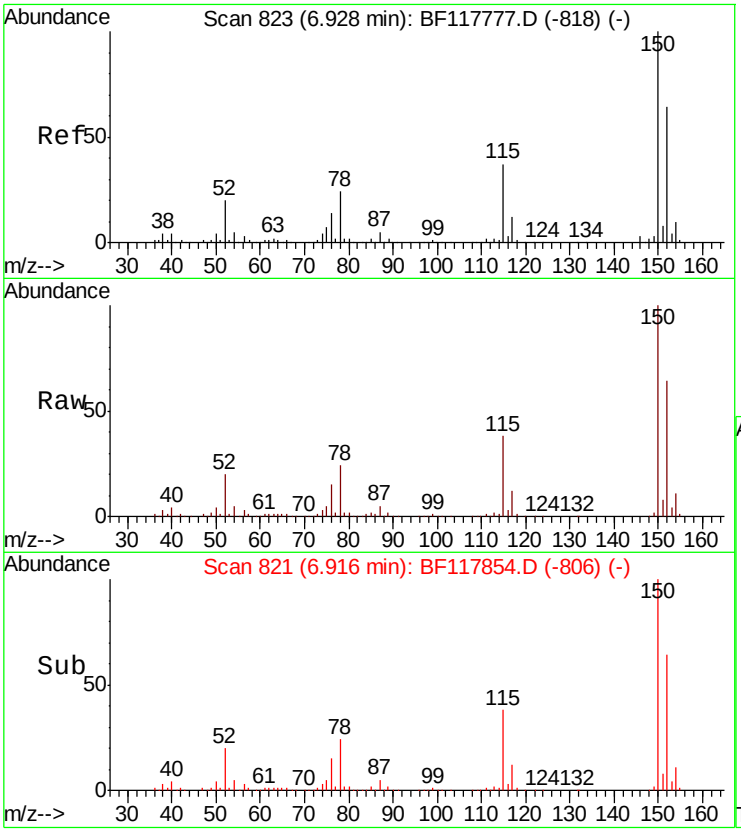


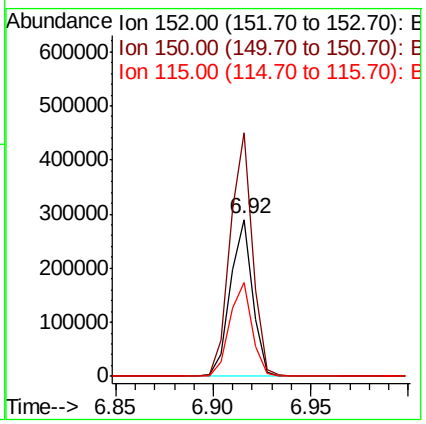


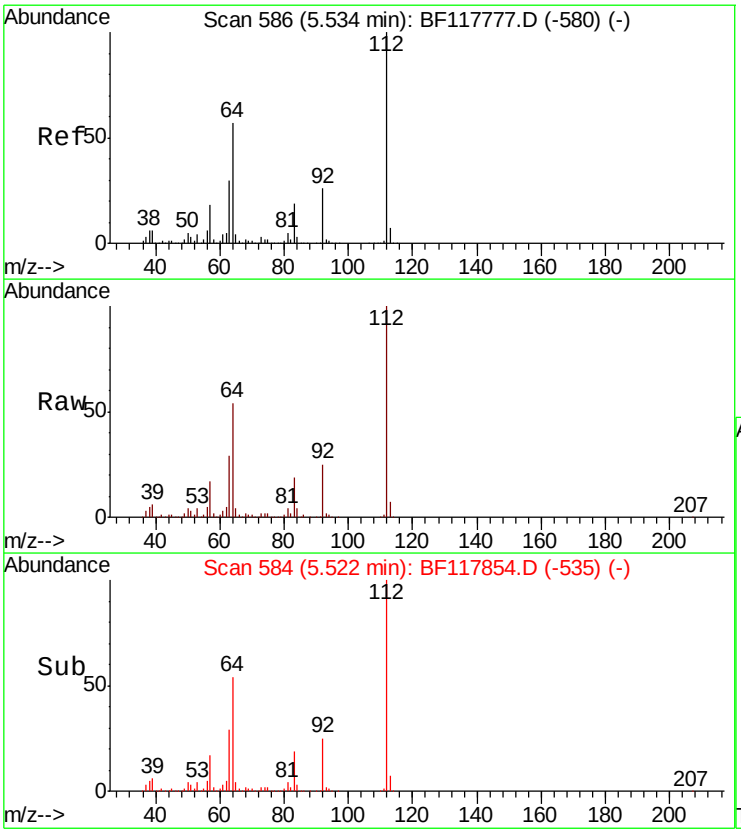
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 227687

Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.3	187.9
115	59.4	47.0	70.4

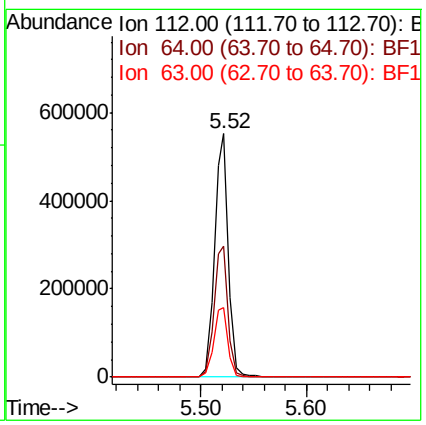


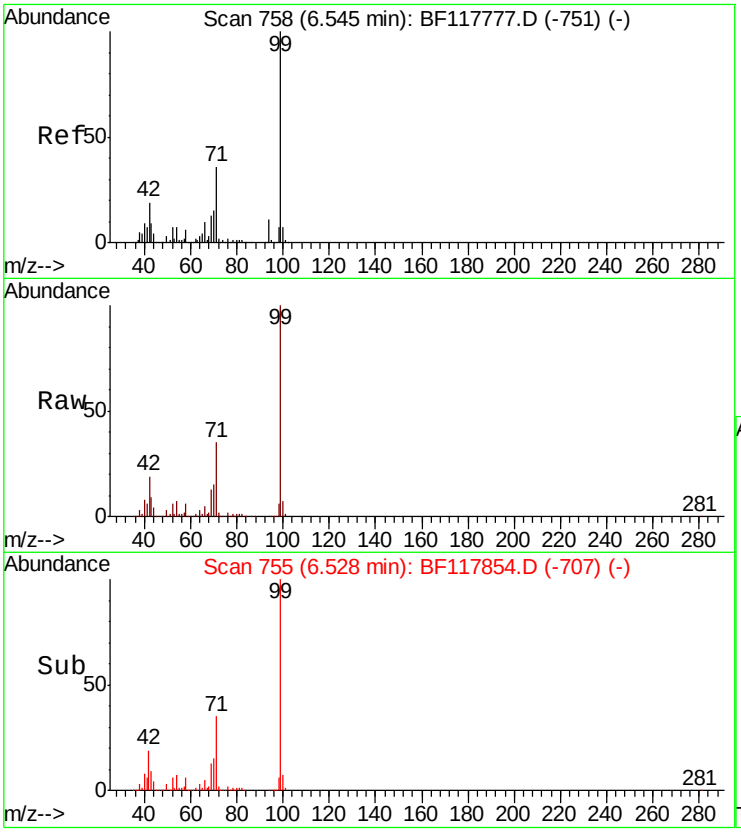


#5
2-Fluorophenol
Concen: 39.771 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Tgt Ion:112 Resp: 511572

Ion	Ratio	Lower	Upper
112	100		
64	53.8	45.6	68.4
63	28.7	24.1	36.1



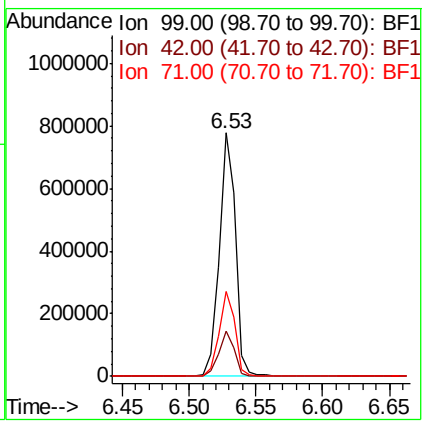


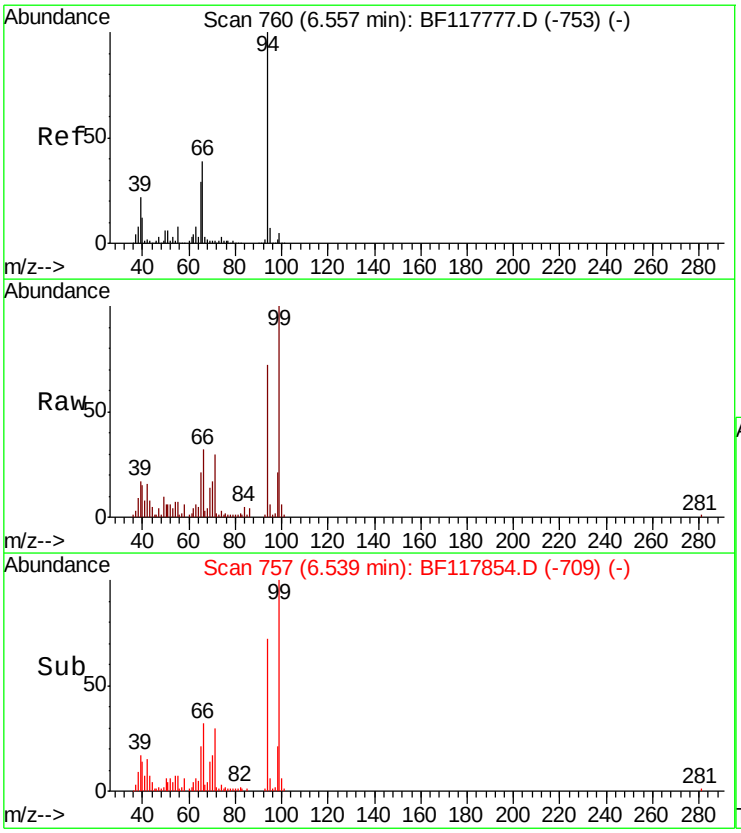
#7
Phenol-d6
Concen: 43.101 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 668704

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.9	22.3
71	35.0	28.6	43.0

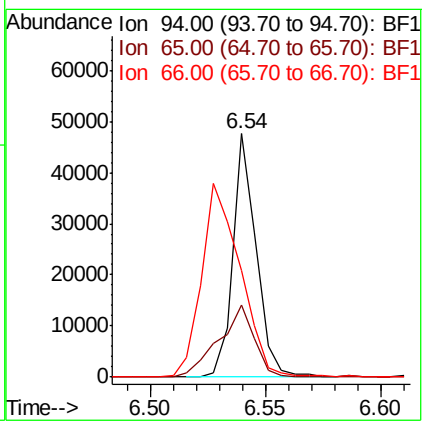


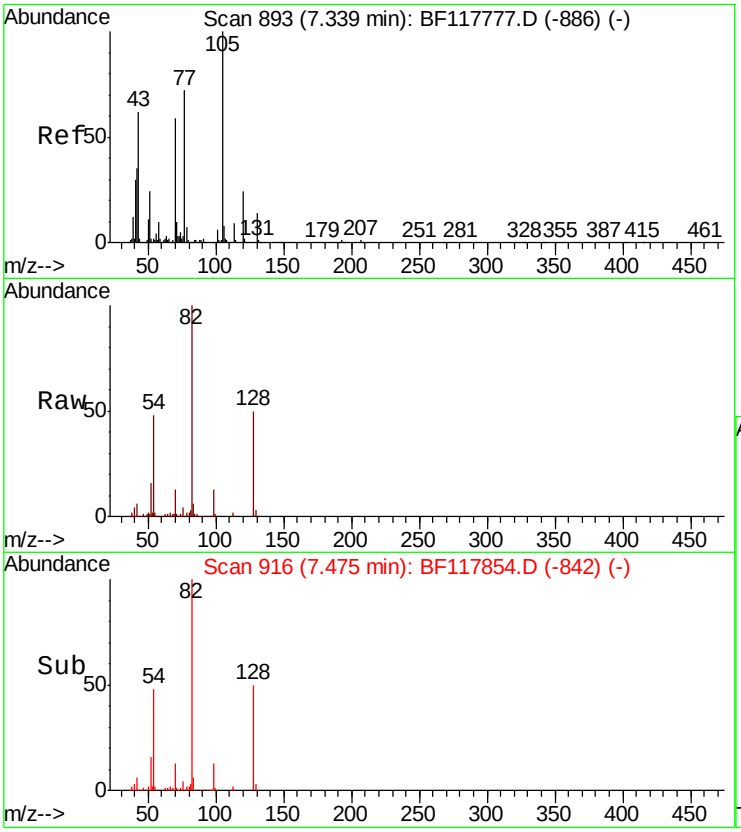


#10
Phenol
Concen: 2.080 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Tgt Ion: 94 Resp: 33528

Ion	Ratio	Lower	Upper
94	100		
65	29.7	8.9	48.9
66	44.0	18.7	58.7



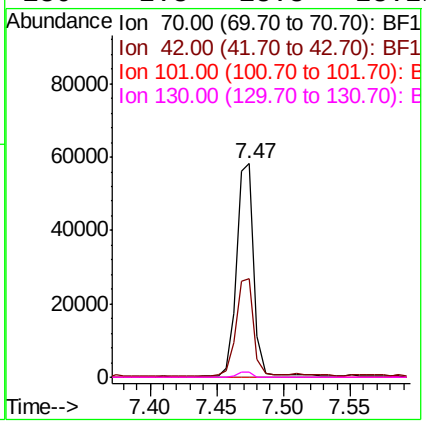


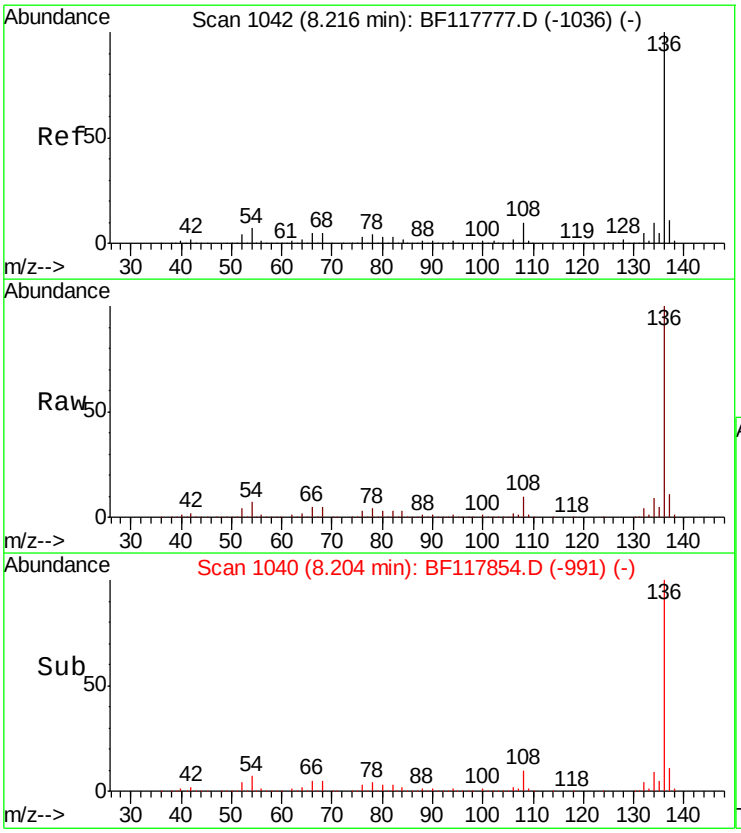
#19
n-Nitroso-di-n-propylamine
Concen: 5.632 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 53910

Ion	Ratio	Lower	Upper
70	100		
42	46.3	47.4	71.2#
101	0.0	8.4	12.6#
130	2.3	18.8	28.2#

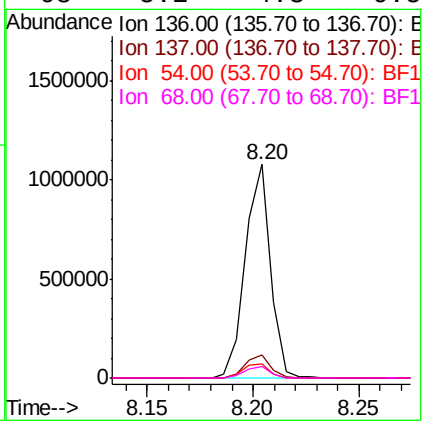


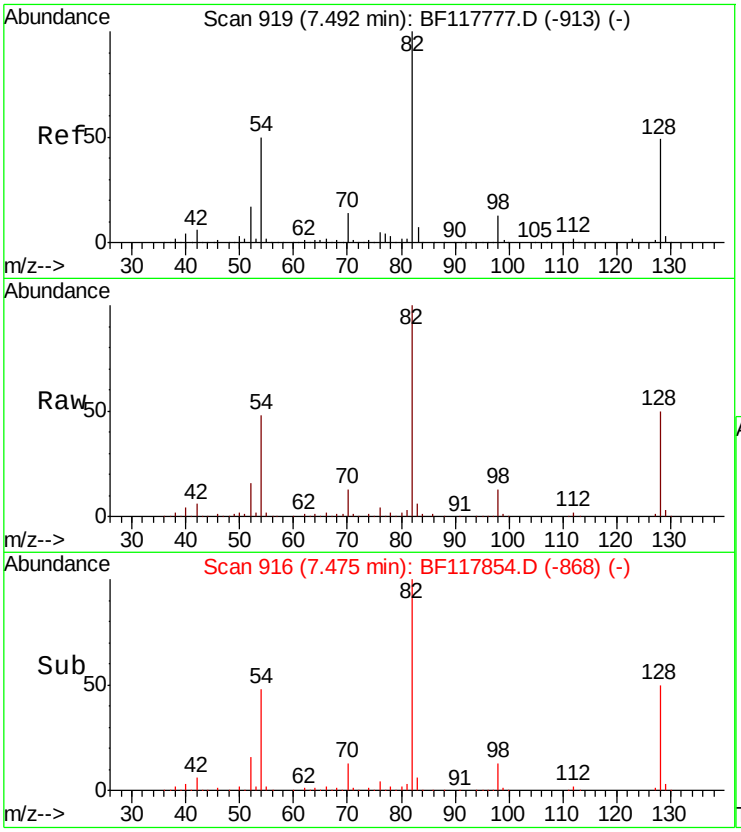


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Tgt Ion:136 Resp: 892270

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.8	5.4	8.2
68	5.2	4.3	6.5



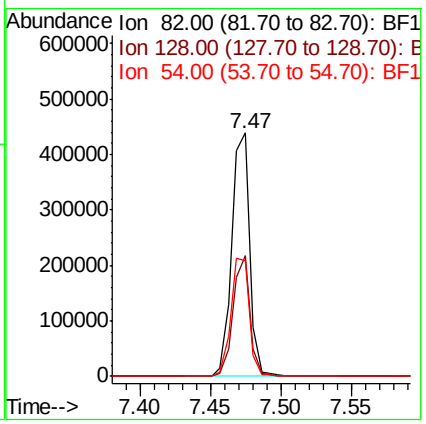


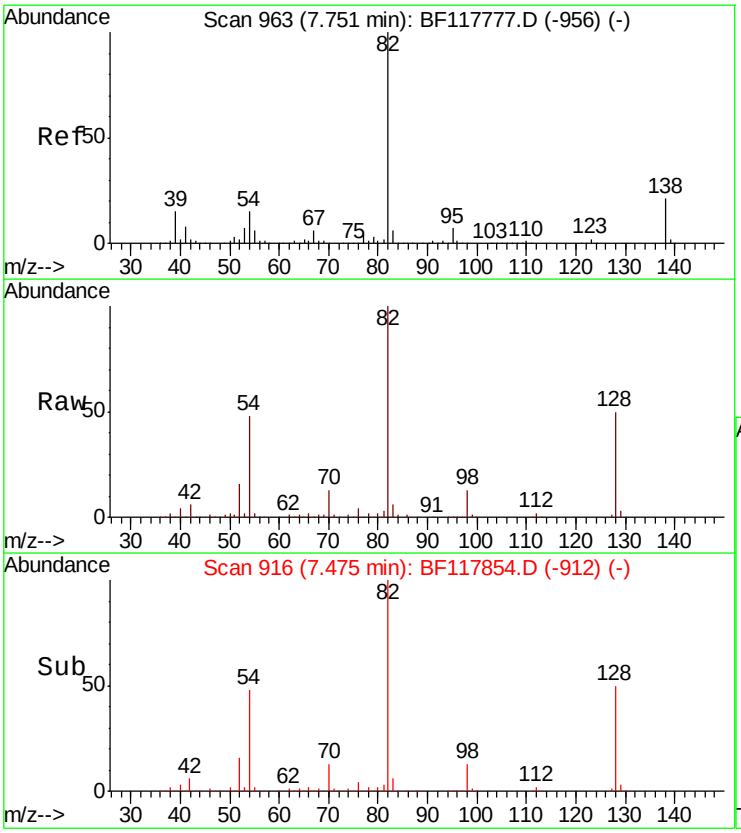
#23
Nitrobenzene-d5
Concen: 25.929 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 389193

Ion	Ratio	Lower	Upper
82	100		
128	49.7	38.9	58.3
54	47.6	39.8	59.6

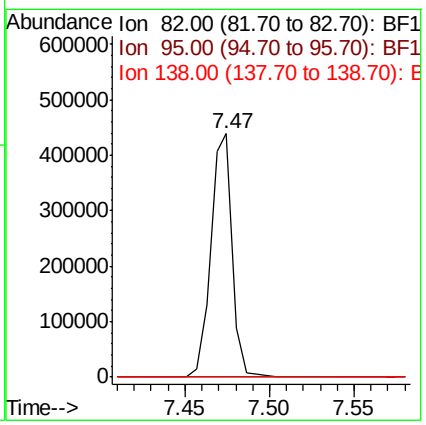


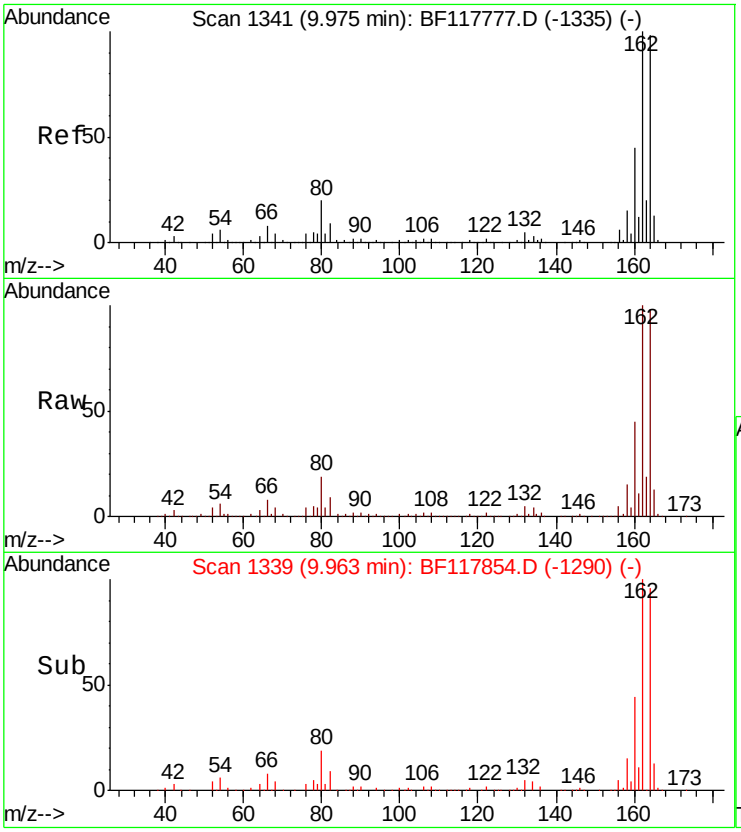


#25
Isophorone
Concen: 14.000 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.28 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Tgt Ion: 82 Resp: 385151

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.8#
138	0.0	16.5	24.7#



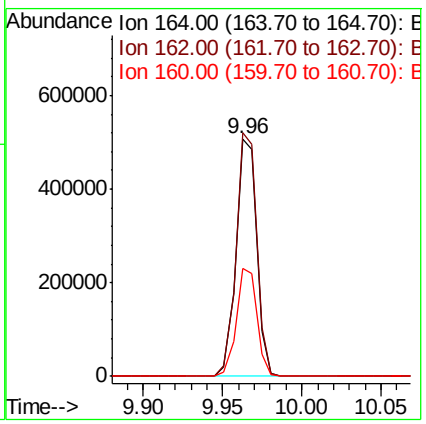


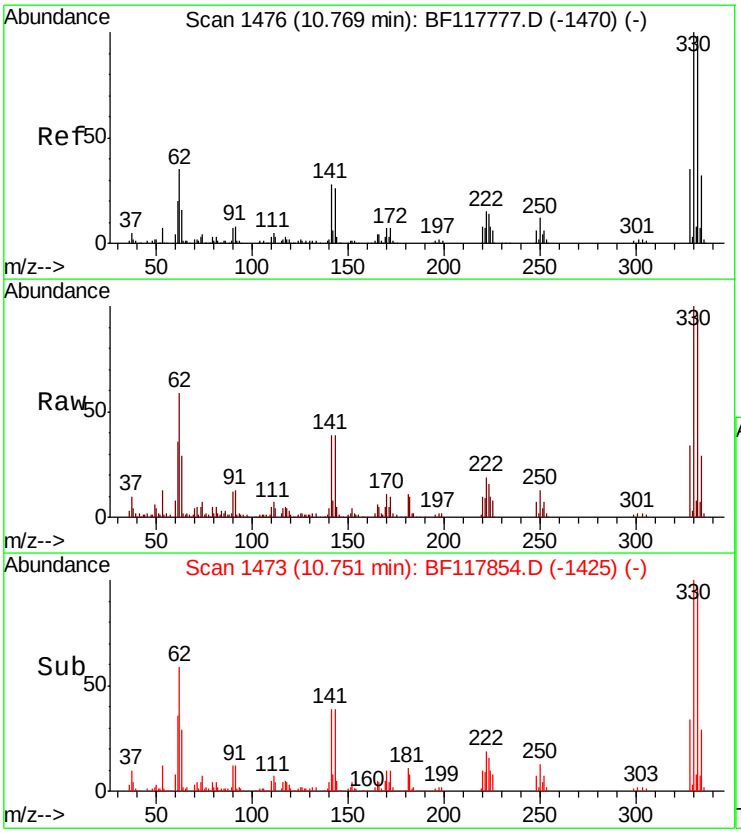
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 459486

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.3	121.9
160	45.6	36.6	55.0

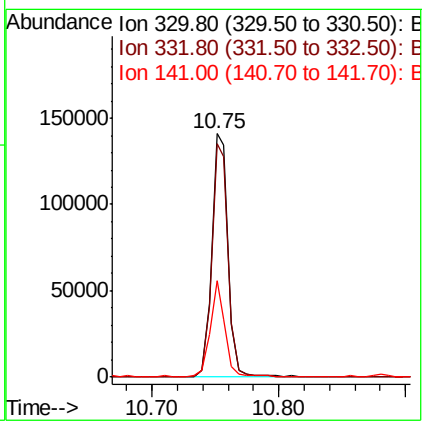


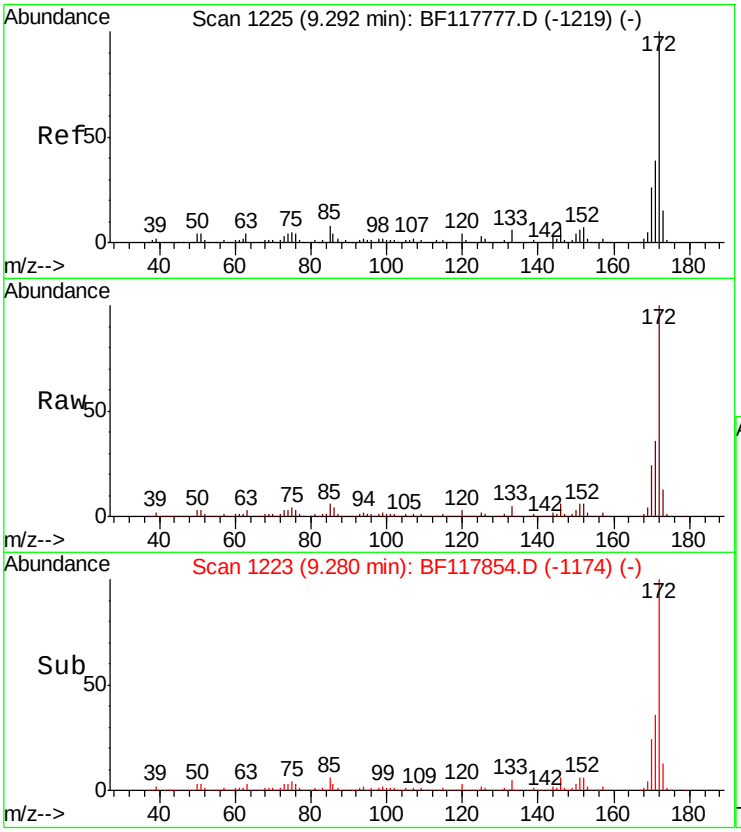


#42
2,4,6-Tribromophenol
Concen: 26.497 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.02 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Tgt Ion:330 Resp: 128897

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.7	115.1
141	34.7	27.7	41.5



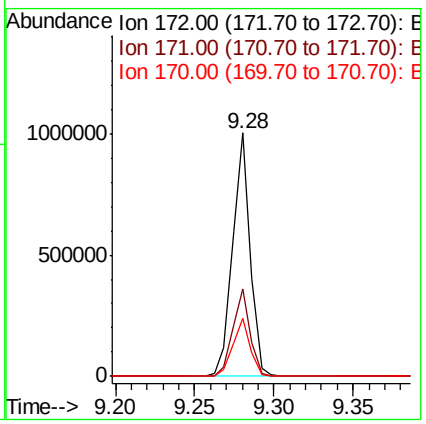


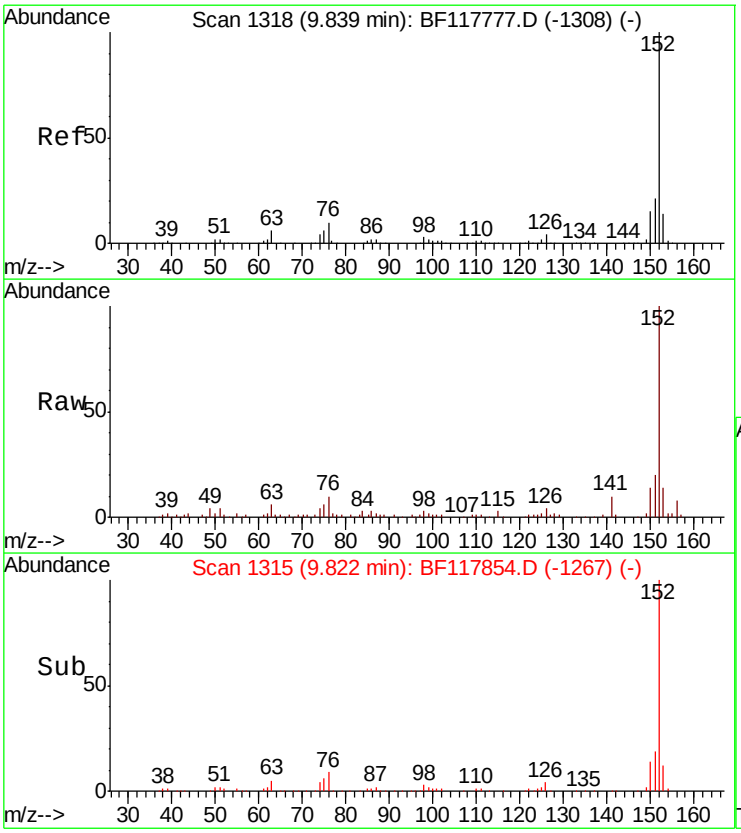
#45
2-Fluorobiphenyl
Concen: 30.211 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 773765

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.9	46.3
170	23.8	21.0	31.4

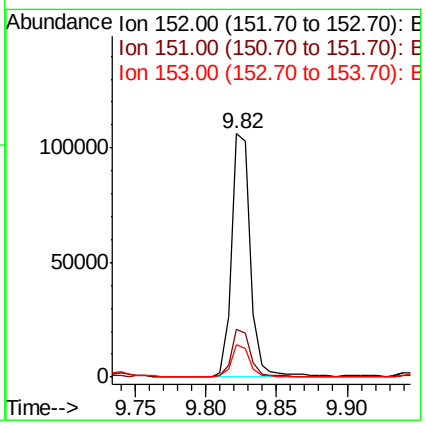


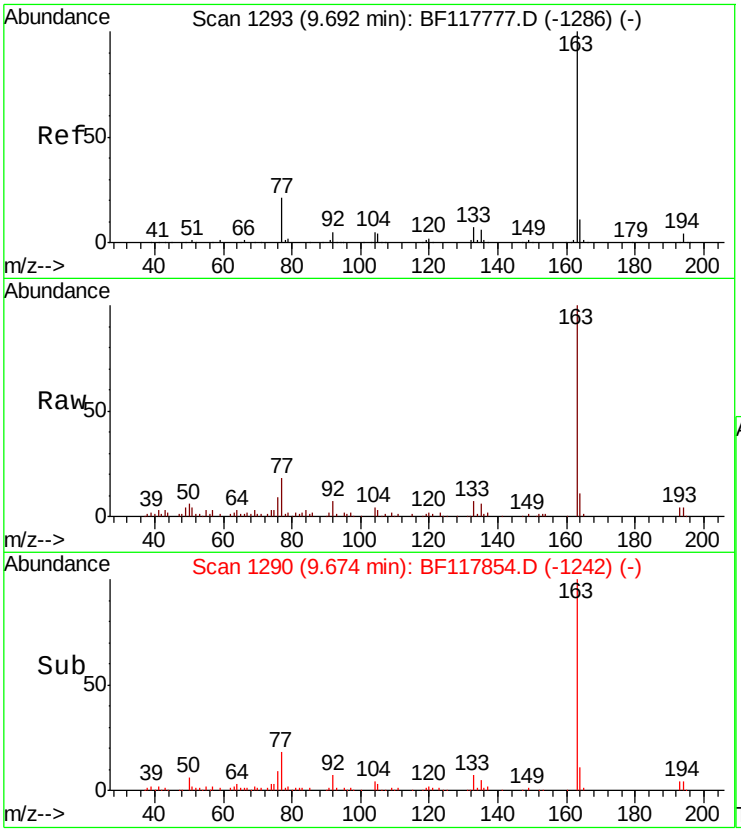


#49
Acenaphthylene
Concen: 2.437 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Tgt Ion:152 Resp: 99629

Ion	Ratio	Lower	Upper
152	100		
151	19.6	17.0	25.6
153	13.5	11.0	16.6

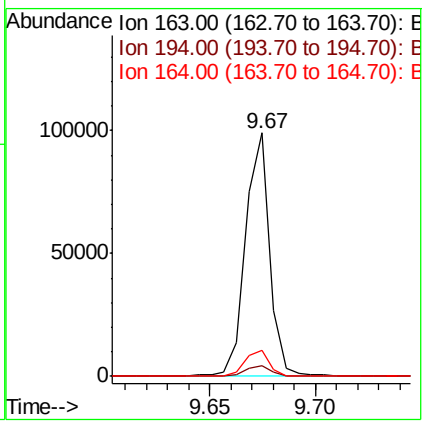




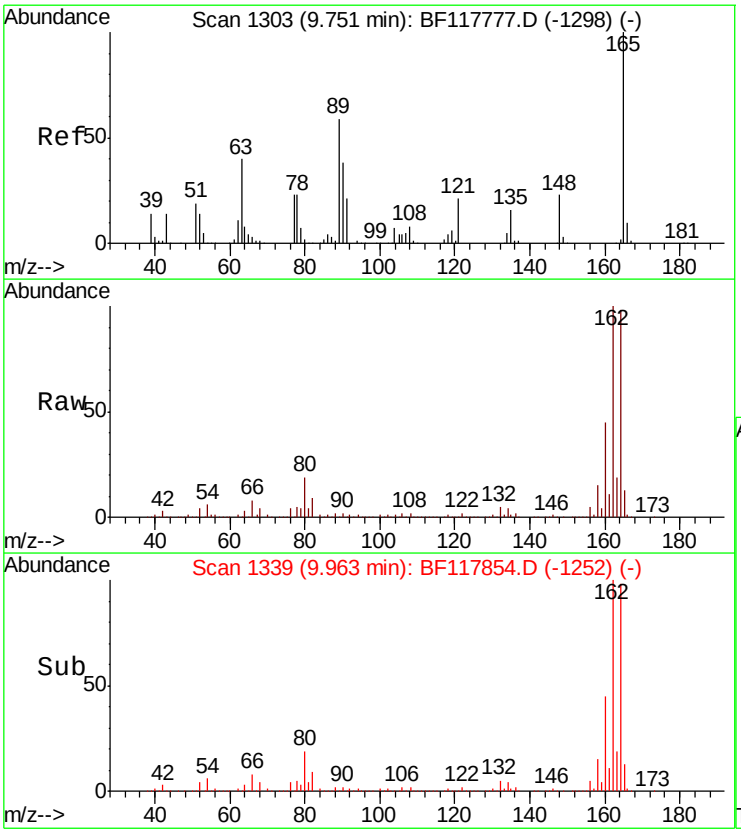
#50
Dimethylphthalate
Concen: 2.442 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Tgt Ion:163 Resp: 78694

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.9	8.7	13.1



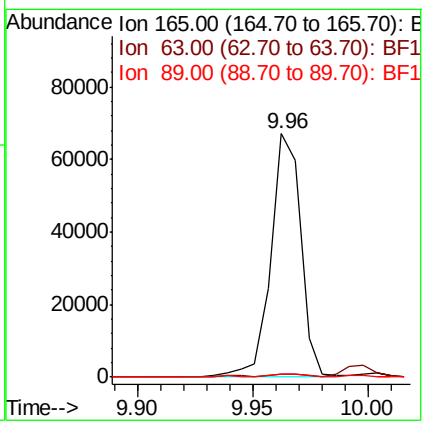
Instrument :
BNA_F
ClientSampleId :

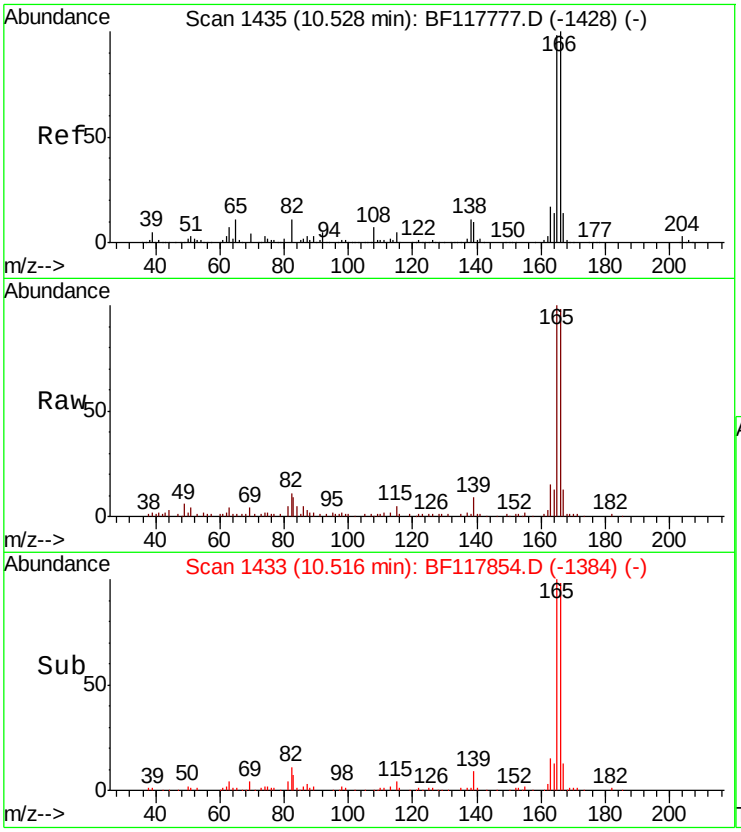


#51
2,6-Dinitrotoluene
Concen: 8.550 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.21 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Tgt Ion:165 Resp: 60207

Ion	Ratio	Lower	Upper
165	100		
63	1.3	46.0	69.0#
89	1.4	47.7	71.5#



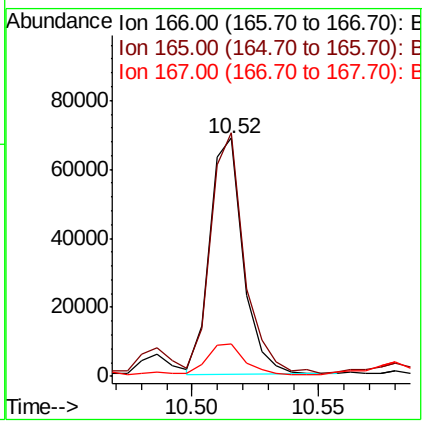


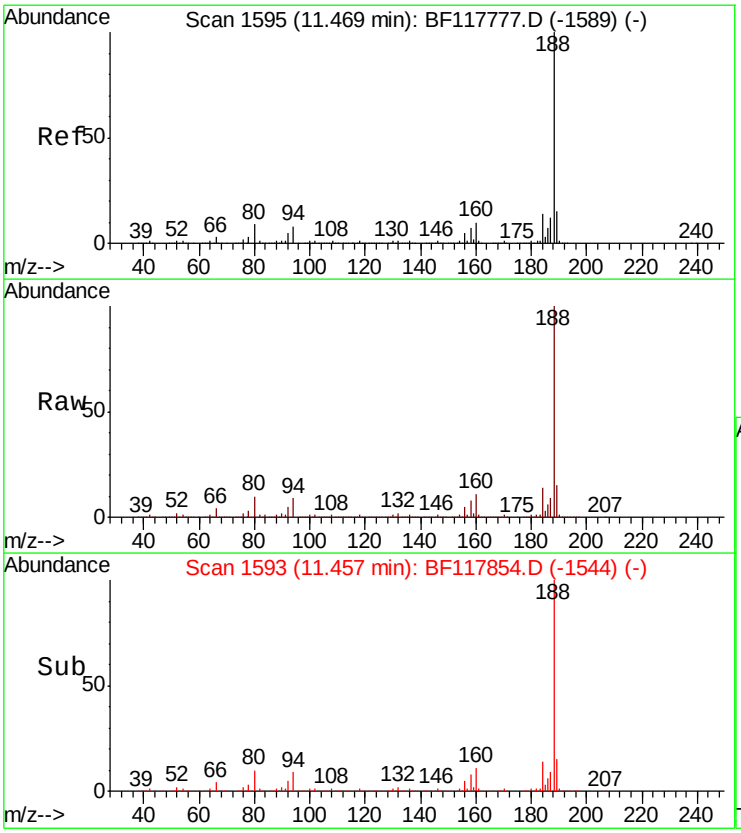
#58
Fluorene
Concen: 2.245 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 63112

Ion	Ratio	Lower	Upper
166	100		
165	102.2	78.4	117.6
167	13.7	11.0	16.4

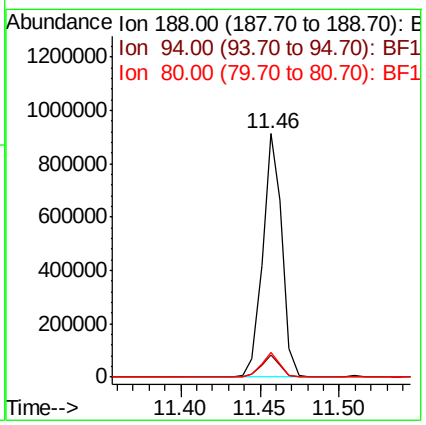


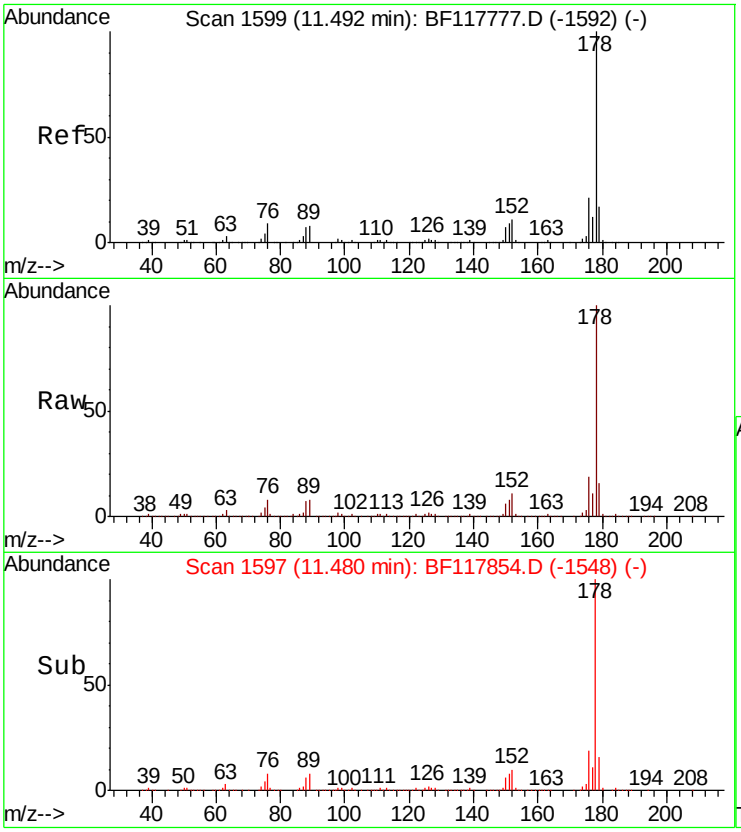


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Tgt Ion:188 Resp: 771138

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	10.0	7.2	10.8



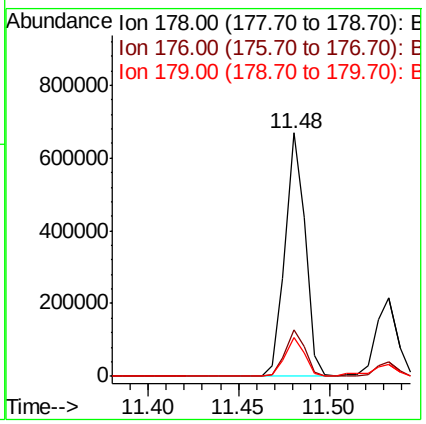


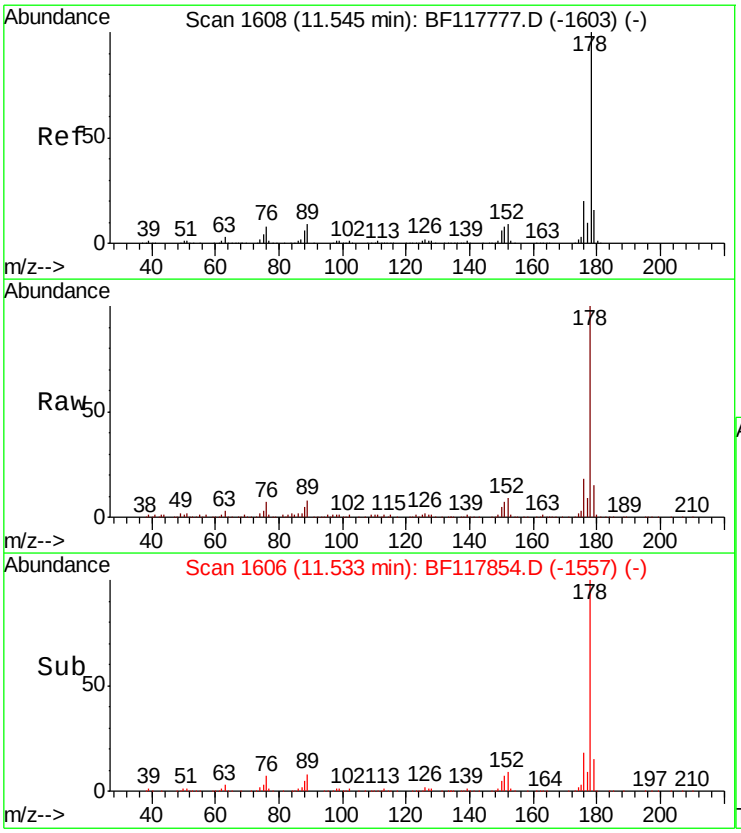
#71
Phenanthrene
Concen: 13.383 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 518858

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.6	25.0
179	15.7	13.2	19.8

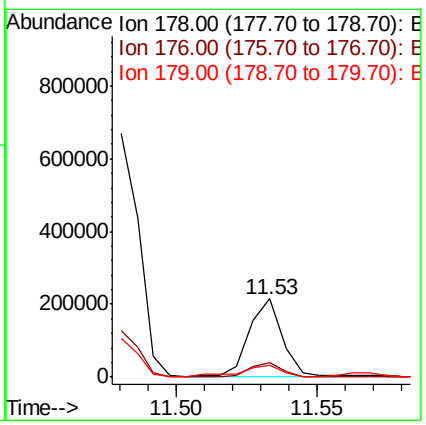


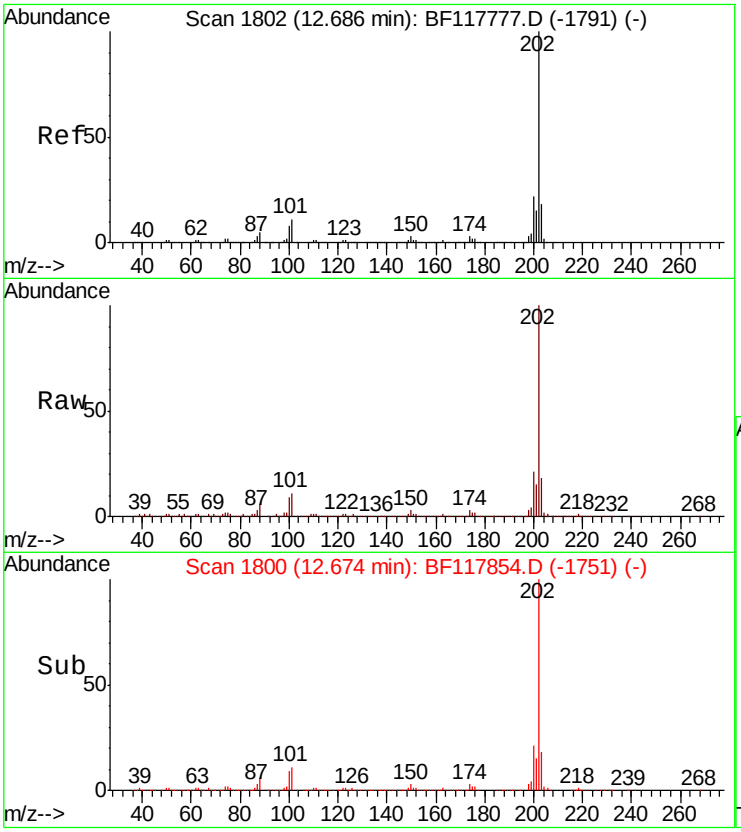


#72
Anthracene
Concen: 4.474 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Tgt Ion:178 Resp: 171996

Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.1	24.1
179	15.3	13.0	19.4



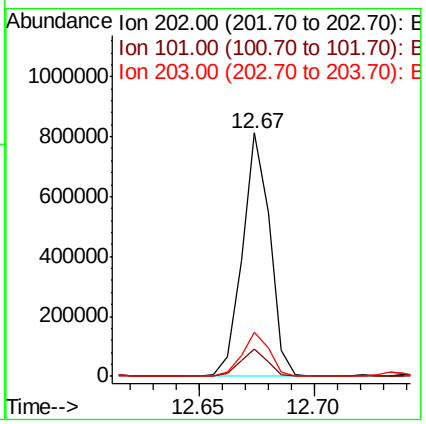


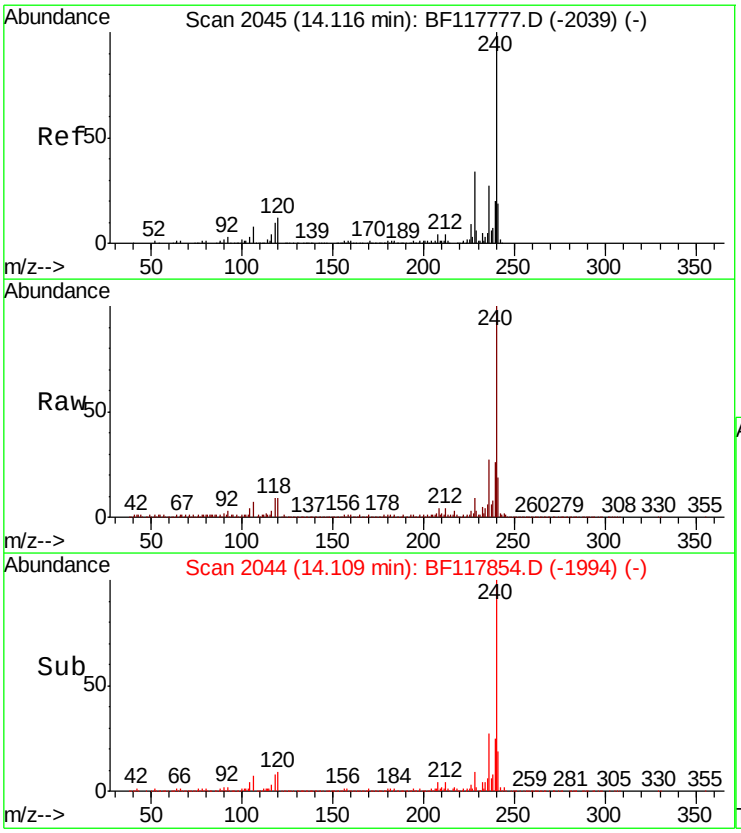
#75
Fluoranthene
Concen: 13.871 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 673482

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.1
203	17.8	0.0	38.2

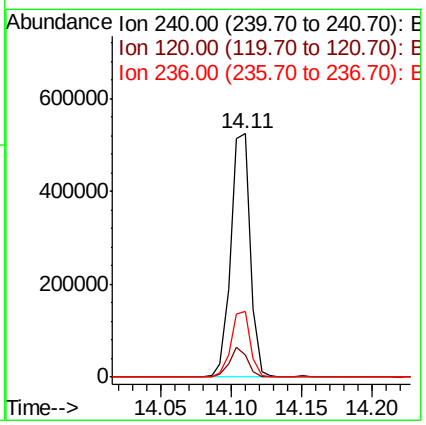


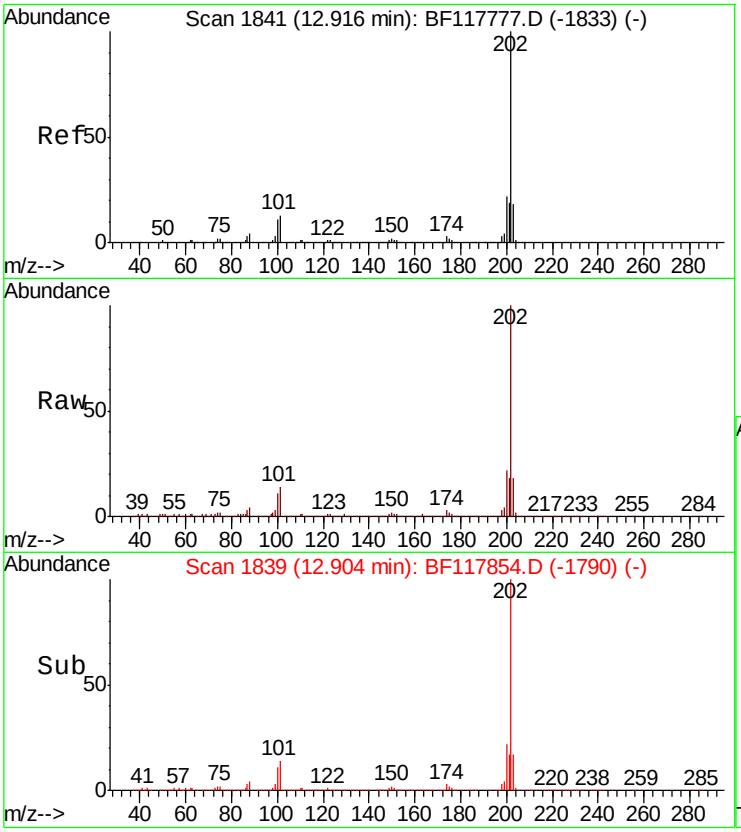


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Tgt Ion:240 Resp: 502503

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	27.1	21.3	31.9



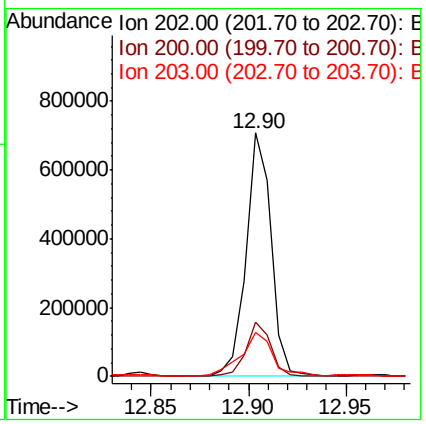


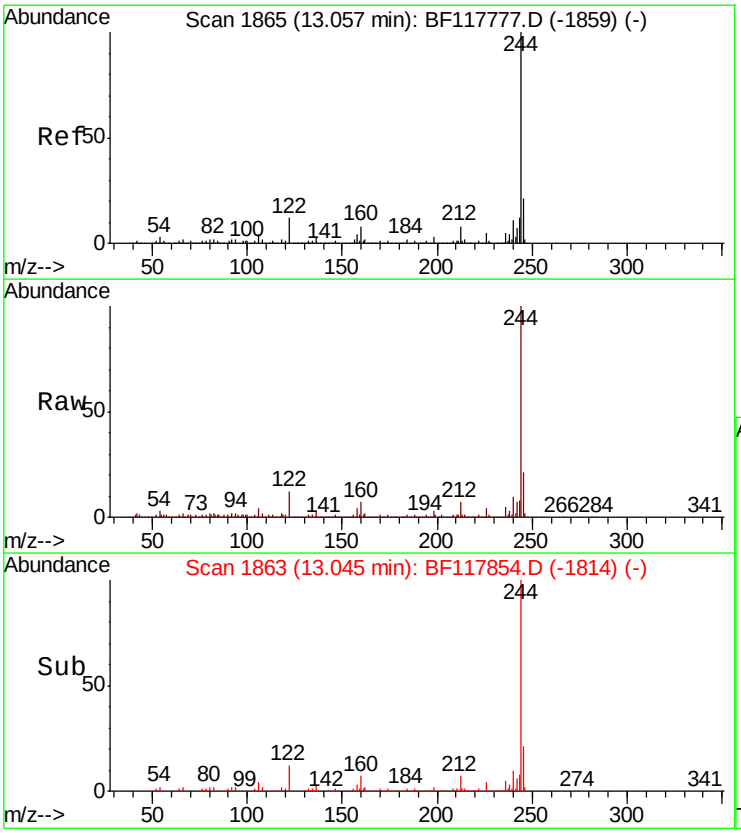
#78
Pyrene
Concen: 15.373 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 624317

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.8	26.8
203	18.1	14.6	22.0

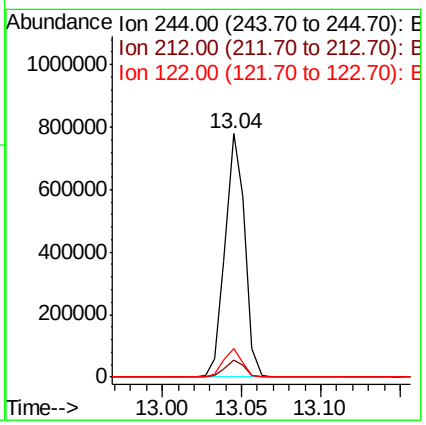


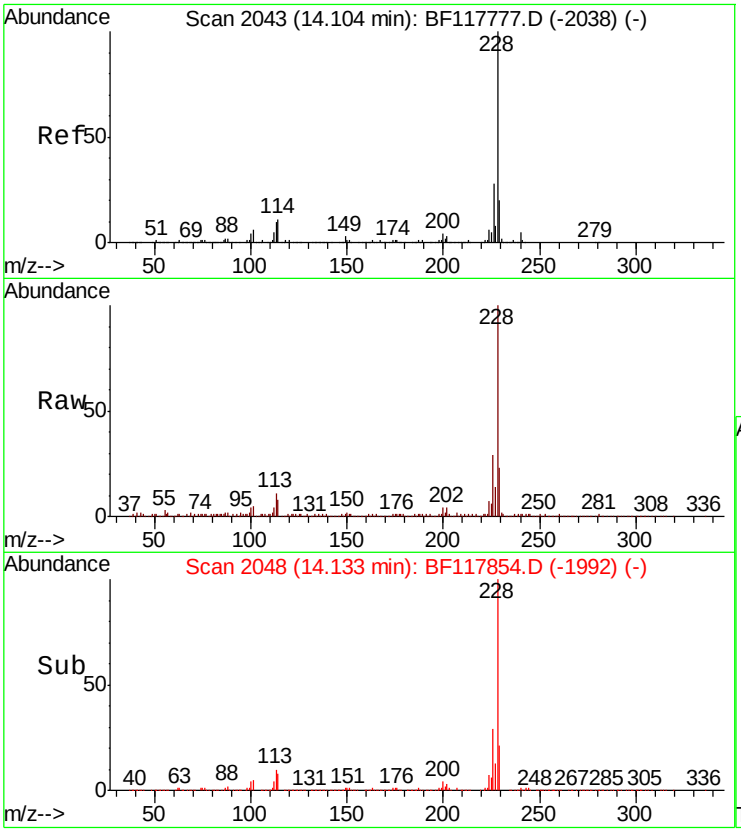


#79
Terphenyl-d14
Concen: 24.325 ng
RT: 13.04 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Tgt Ion:244 Resp: 668815

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.3	9.5
122	11.7	9.4	14.2



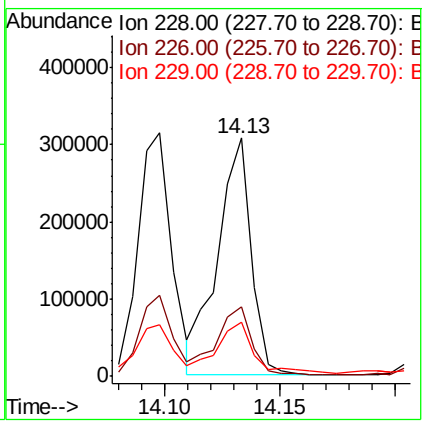


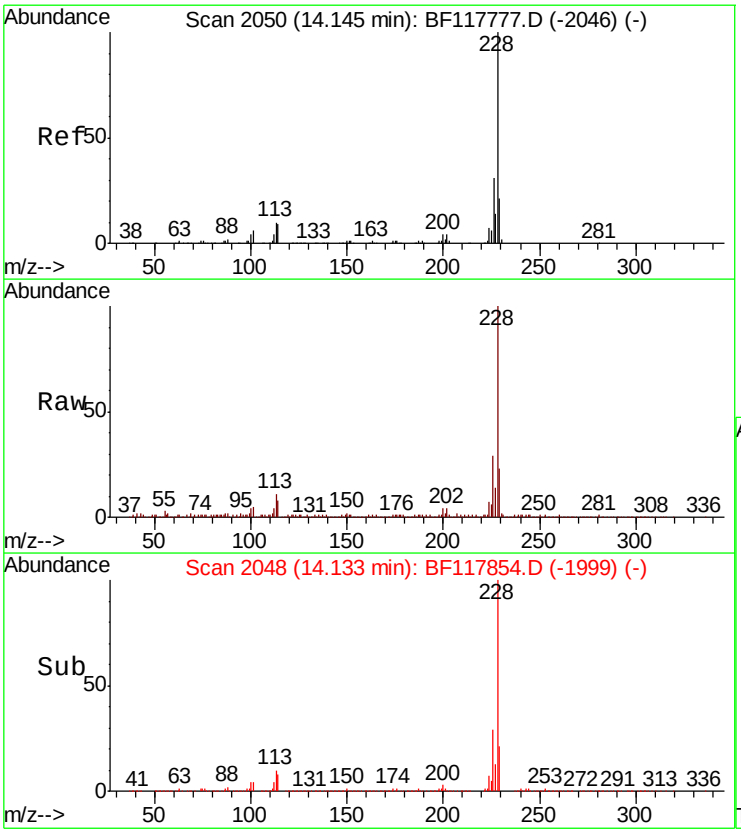
#81
Benzo(a)anthracene
Concen: 9.298 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.03 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 308763

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.2	33.2
229	22.9	15.9	23.9

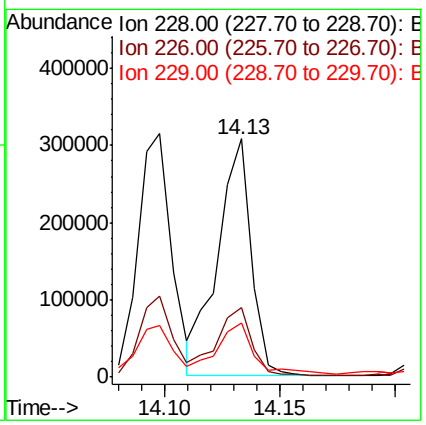


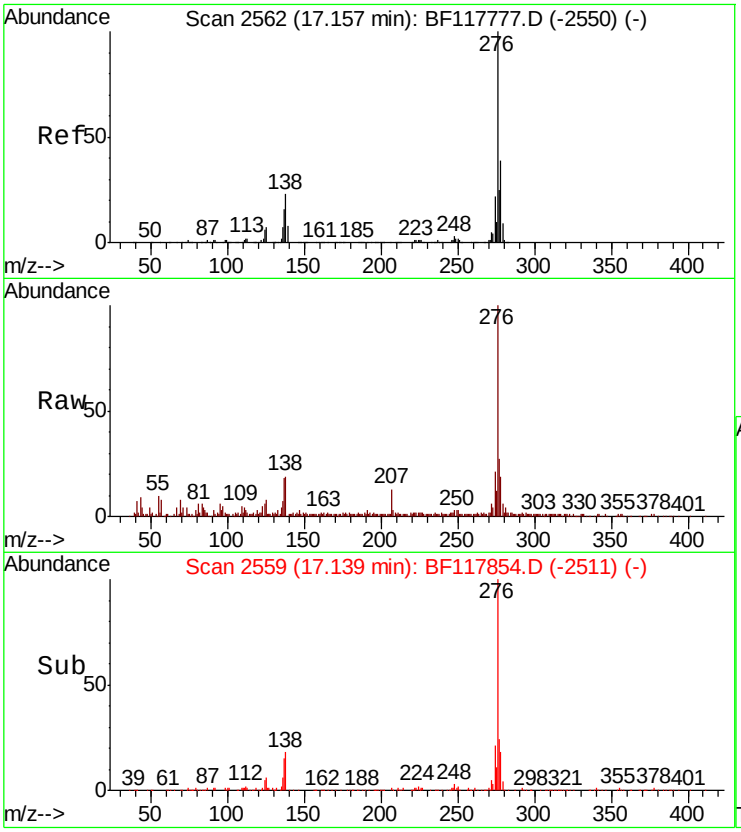


#83
Chrysene
Concen: 9.596 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Tgt Ion:228 Resp: 308763

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.4
229	22.9	16.6	25.0



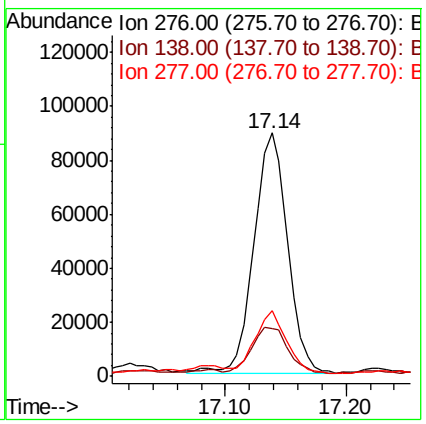


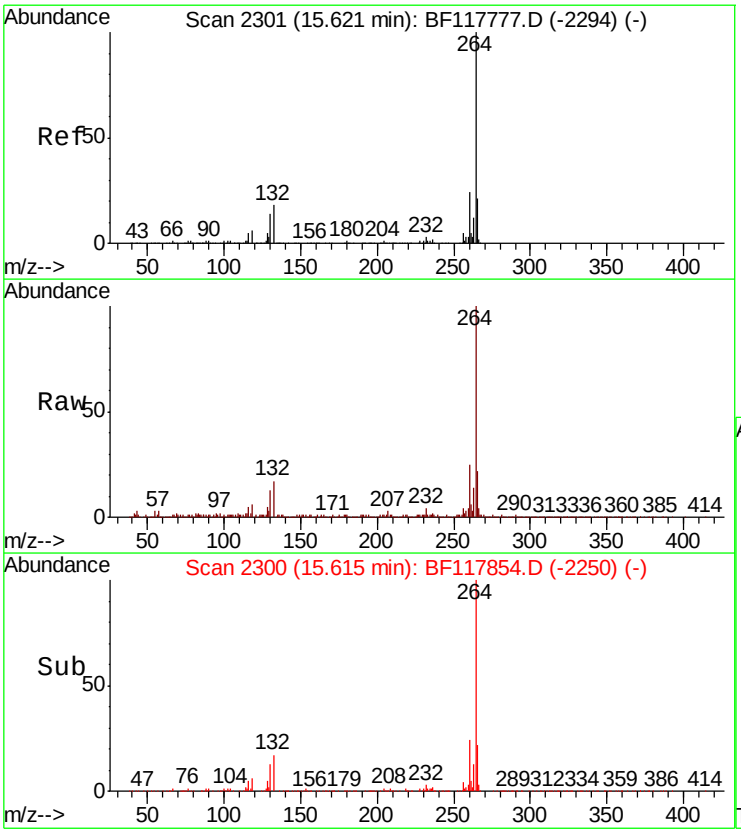
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.253 ng
RT: 17.14 min Scan# 2559
Delta R.T. -0.02 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 171249

Ion	Ratio	Lower	Upper
276	100		
138	21.1	20.9	31.3
277	25.3	20.3	30.5

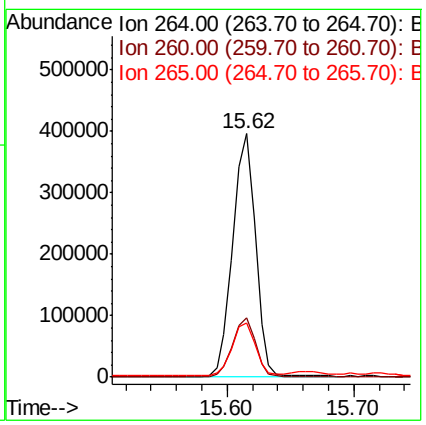


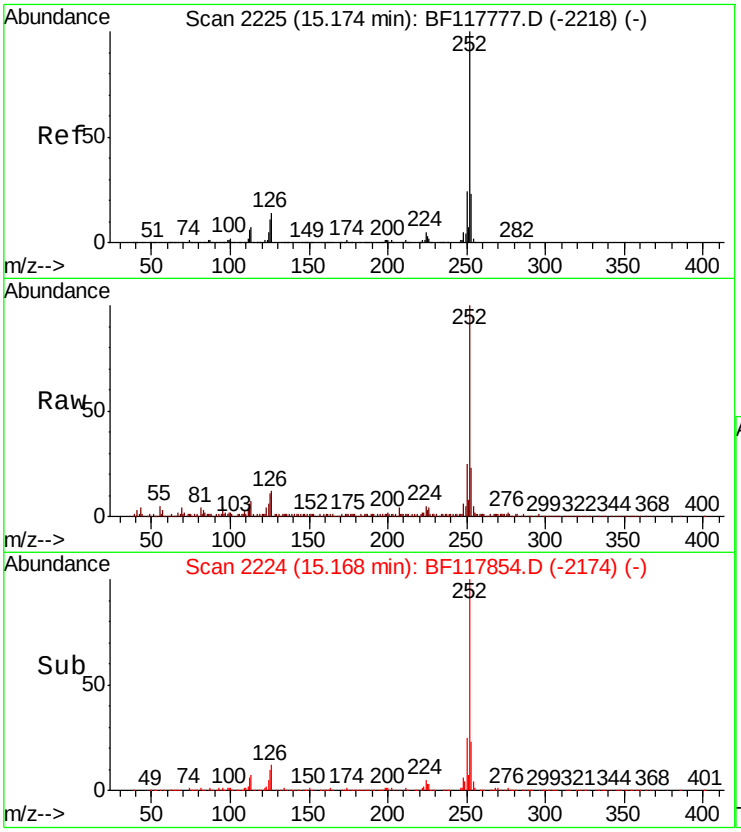


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Tgt Ion:264 Resp: 489684

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	22.1	17.1	25.7



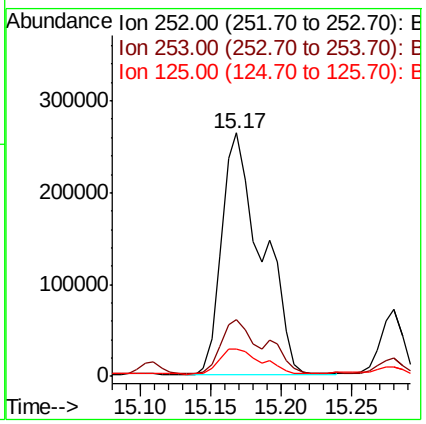


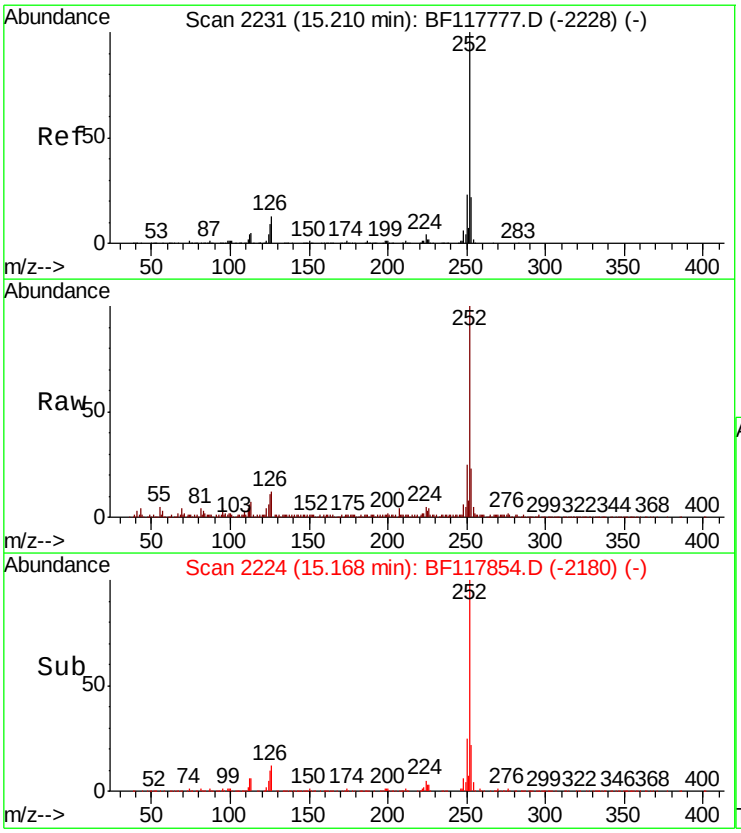
#88
Benzo(b)fluoranthene
Concen: 16.557 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 526773

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	11.3	8.6	13.0

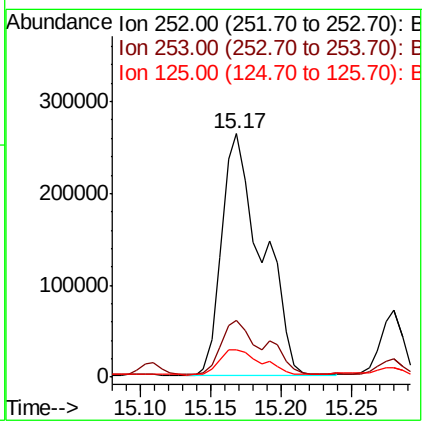


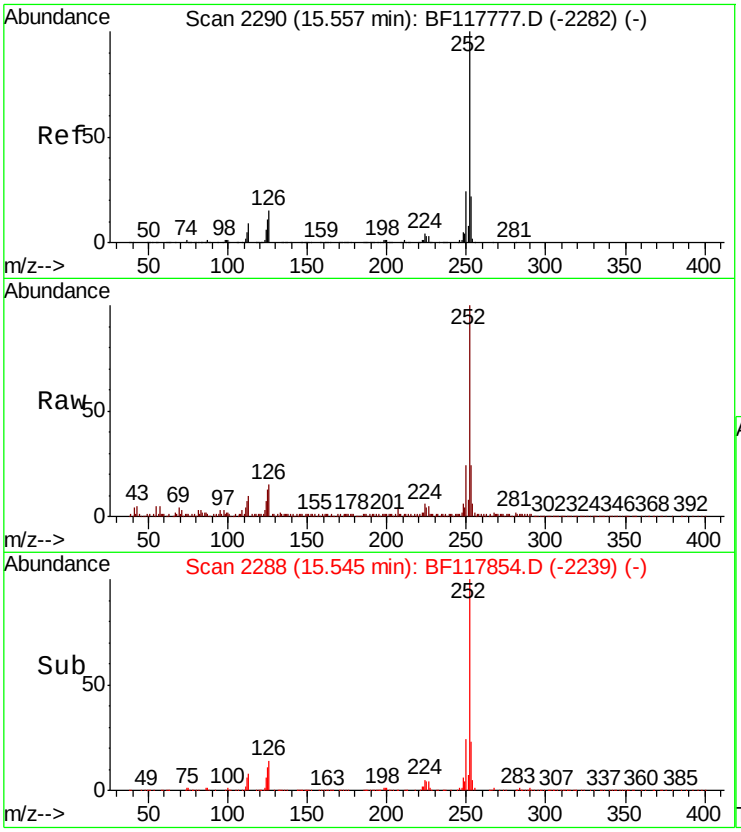


#89
Benzo(k)fluoranthene
Concen: 17.573 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.04 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Tgt Ion:252 Resp: 526773

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	11.3	7.9	11.9



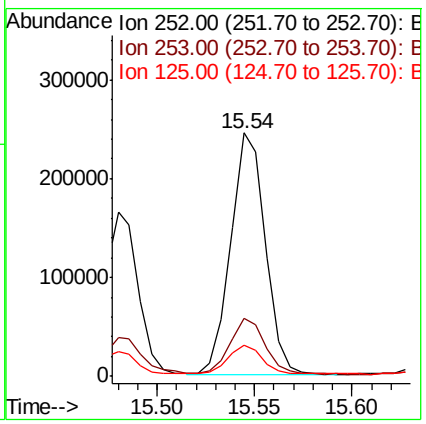


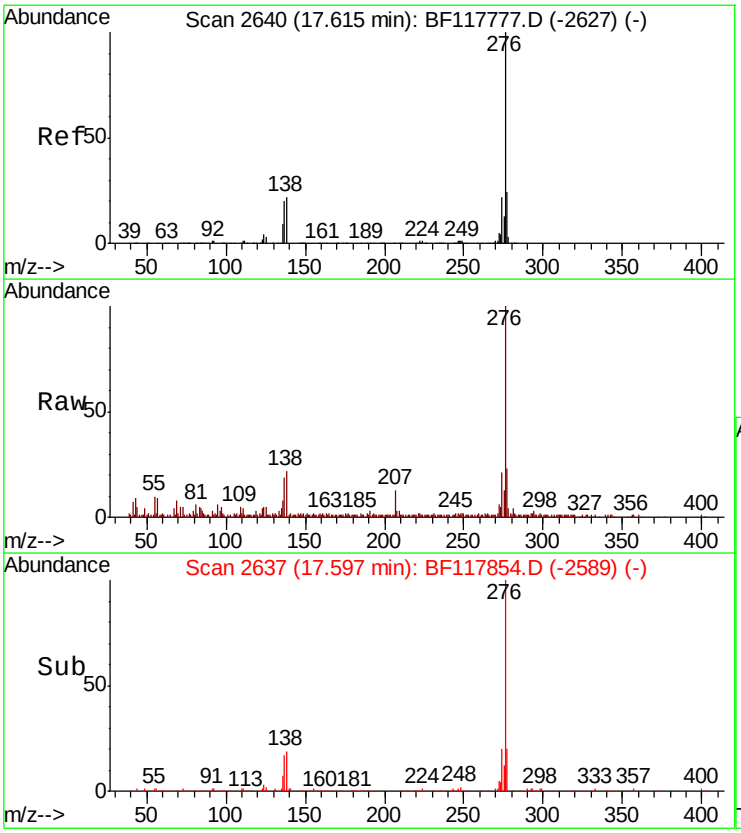
#90
Benzo(a)pyrene
Concen: 10.752 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 300793

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	12.8	9.2	13.8





#92
Benzo(g,h,i)perylene
Concen: 7.118 ng
RT: 17.60 min Scan# 2637
Delta R.T. -0.02 min
Lab File: BF117854.D
Acq: 19 Nov 2019 12:54

Tgt Ion:276 Resp: 170727

Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.9	28.3
138	21.6	17.4	26.2