Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117847.D
Acq On : 18 Nov 2019 20:45
Operator : JU
Sample : K5865-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 18 23:57:15 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	223562	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	842216	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	406684	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	659076	20.00	ng		0.00
76) Chrysene-d12	14.11	240	558048	20.00	ng		0.00
87) Perylene-d12	15.62	264	550210	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	11363	0.90	ng		0.00
7) Phenol-d6	6.53	99	317853	20.87	ng		-0.01
23) Nitrobenzene-d5	7.48	82	788884	55.68	ng		-0.01
42) 2,4,6-Tribromophenol	10.76	330	340	0.08	ng		-0.01
45) 2-Fluorobiphenyl	9.29	172	1563527	68.97	ng		0.00
79) Terphenyl-d14	13.05	244	1526107	49.98	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.47	77	1224	Below Cal		#	68
19) n-Nitroso-di-n-propylamine	7.48	70	107493	11.438	ng	#	76
50) Dimethylphthalate	9.67	163	162030	5.682	ng		99
71) Phenanthrene	11.49	178	271200	8.184	ng		96
75) Fluoranthene	12.68	202	306920	3.178	ng		98
78) Pyrene	12.91	202	336909	7.470	ng		98
81) Benzo(a)anthracene	14.10	228	178938	4.852	ng		96
83) Chrysene	14.14	228	175677	4.916	ng		96
88) Benzo(b)fluoranthene	15.17	252	255315	7.142	ng	#	94
89) Benzo(k)fluoranthene	15.17	252	255315	7.580	ng	#	92
90) Benzo(a)pyrene	15.56	252	122951	3.911	ng	#	94

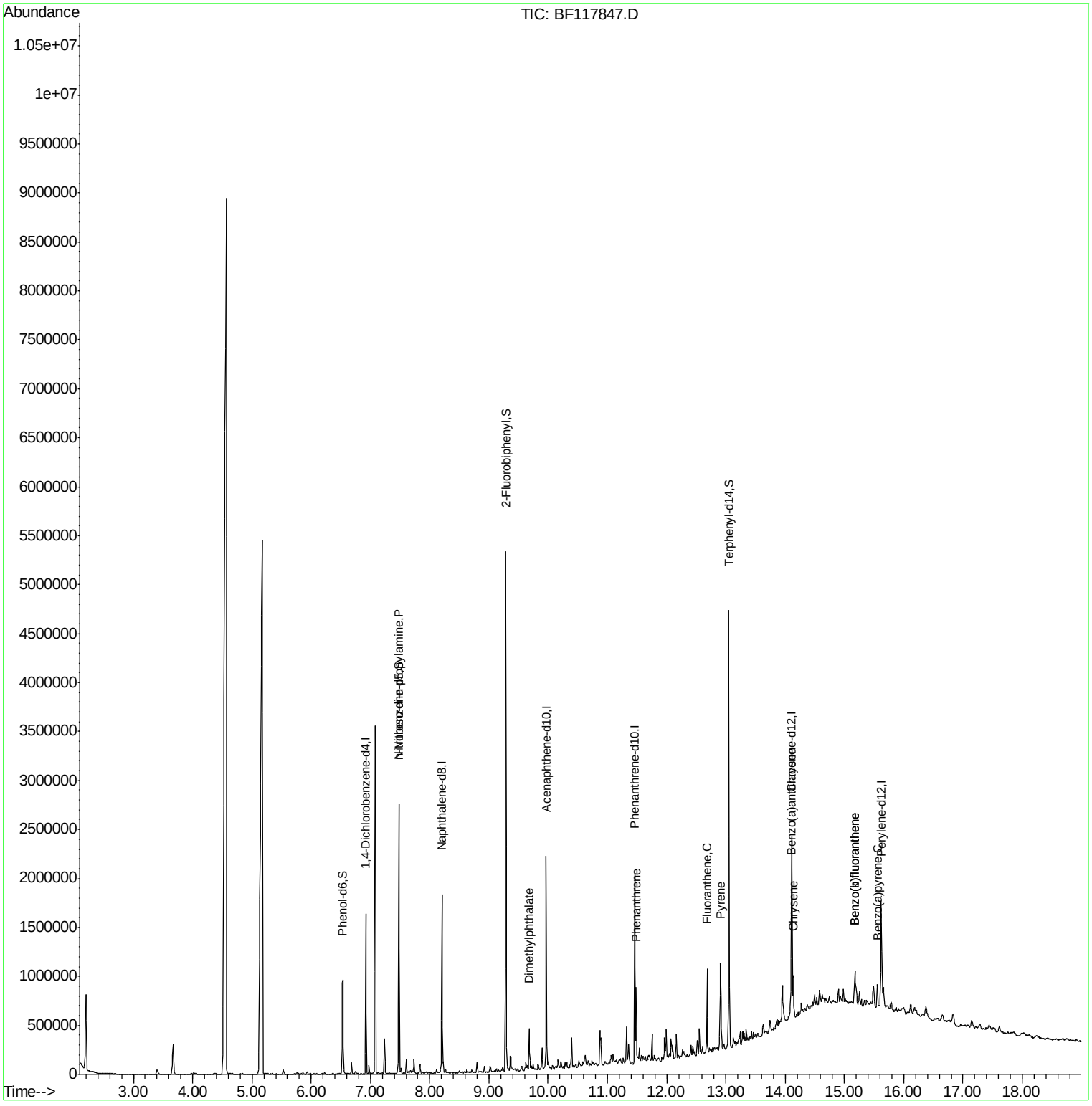
(#) = qualifier out of range (m) = manual integration (+) = signals summed

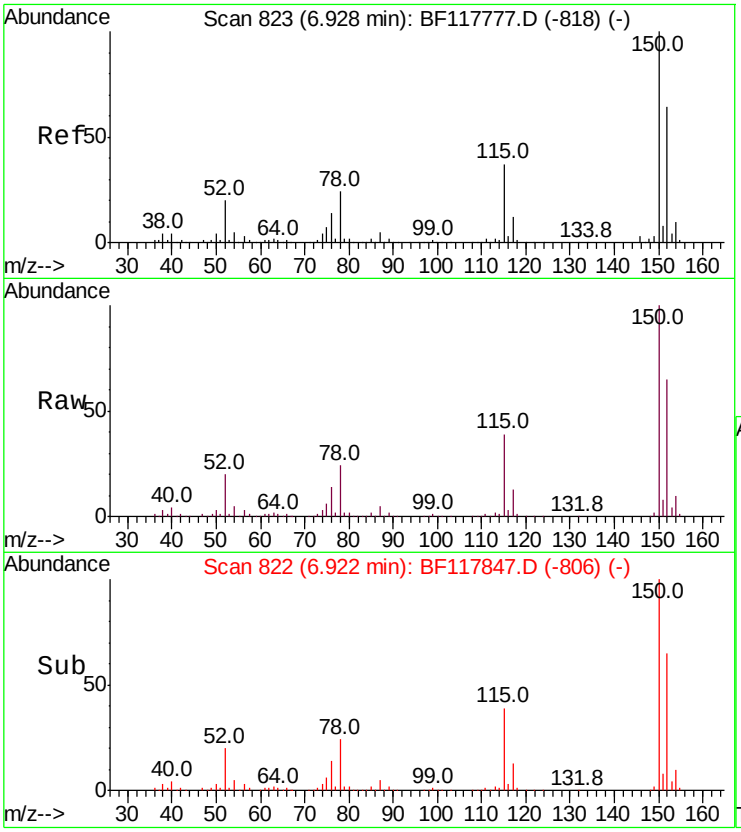
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117847.D
Acq On : 18 Nov 2019 20:45
Operator : JU
Sample : K5865-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 18 23:57:15 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



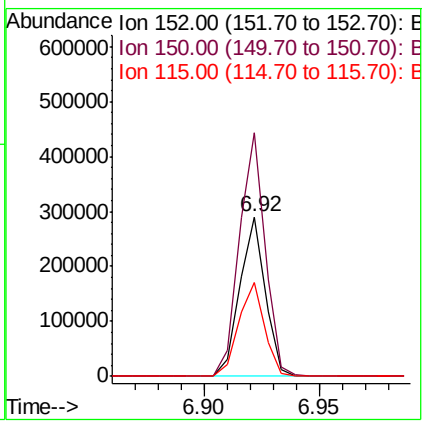


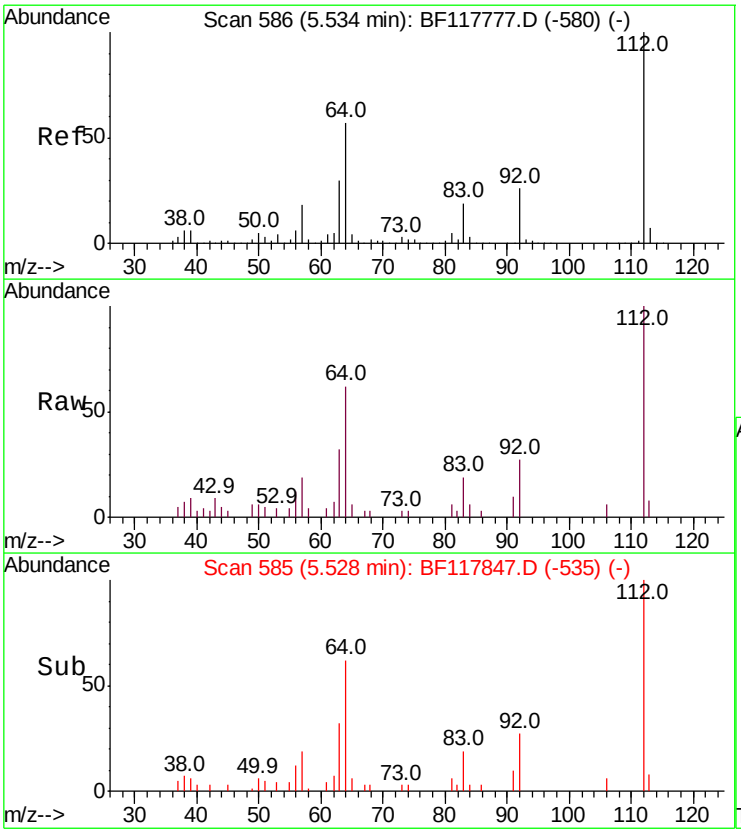
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117847.D
Acq: 18 Nov 2019 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 223562

Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.3	187.9
115	59.3	47.0	70.4

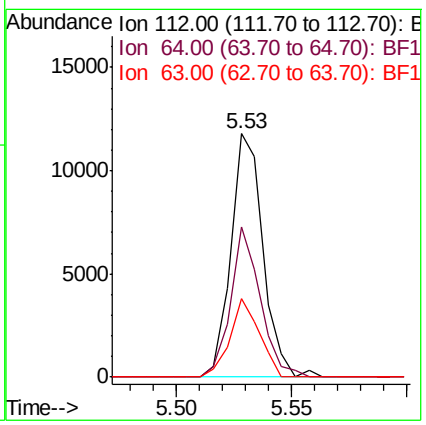


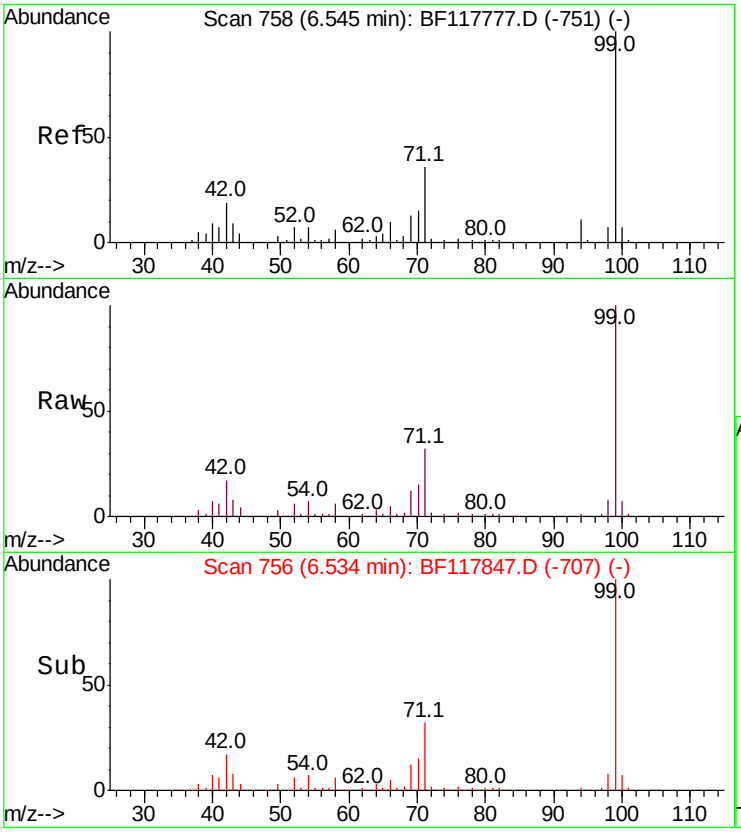


#5
2-Fluorophenol
Concen: 0.900 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117847.D
Acq: 18 Nov 2019 20:45

Tgt Ion:112 Resp: 11363

Ion	Ratio	Lower	Upper
112	100		
64	61.5	45.6	68.4
63	32.3	24.1	36.1



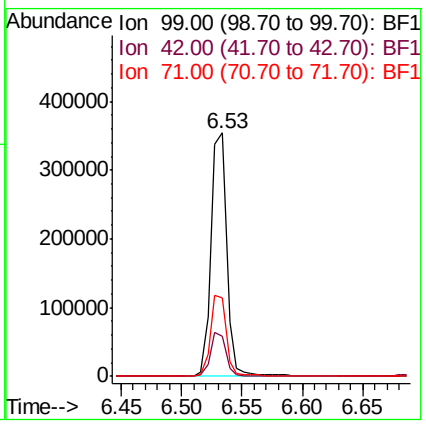


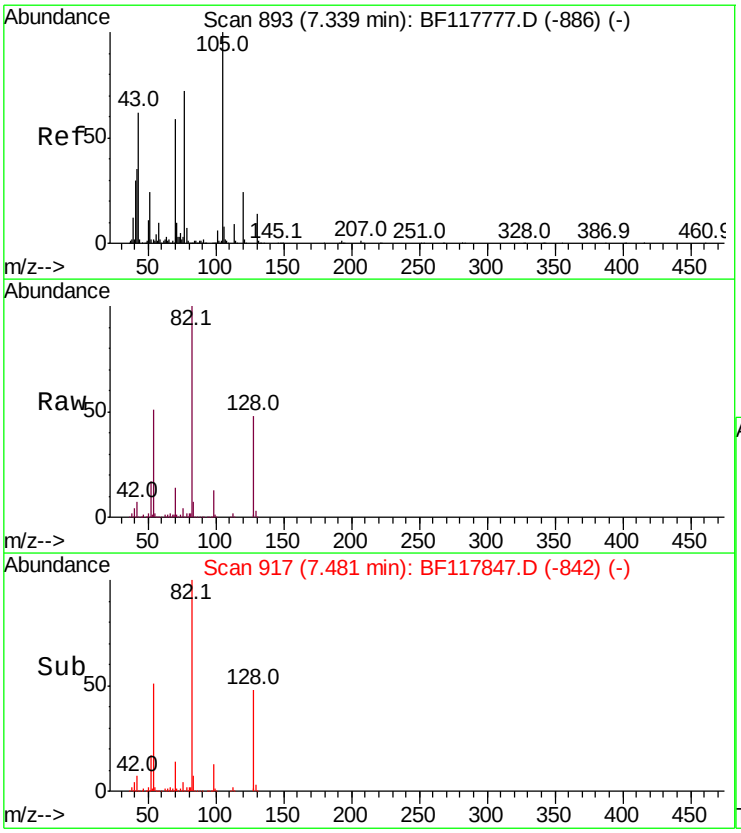
#7
Phenol-d6
Concen: 20.865 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF117847.D
Acq: 18 Nov 2019 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 317853

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.9	22.3
71	32.5	28.6	43.0

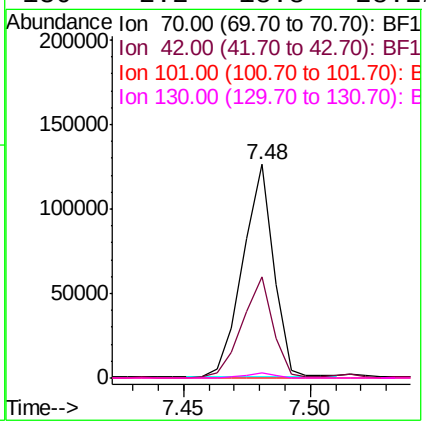


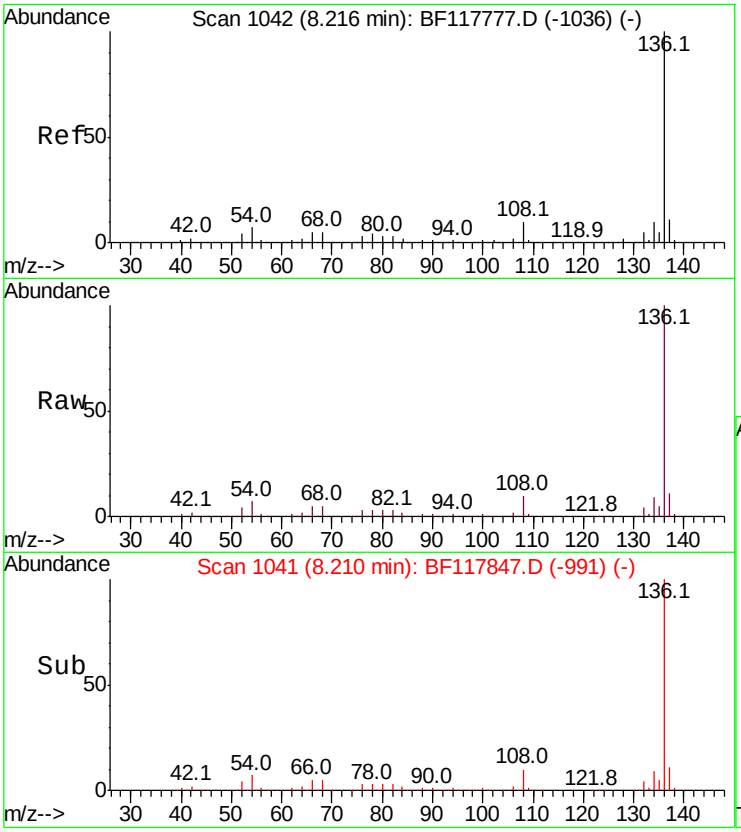


#19
n-Nitroso-di-n-propylamine
Concen: 11.438 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF117847.D
Acq: 18 Nov 2019 20:45

Tgt Ion: 70 Resp: 107493

Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.4	71.2
101	0.0	8.4	12.6#
130	2.2	18.8	28.2#



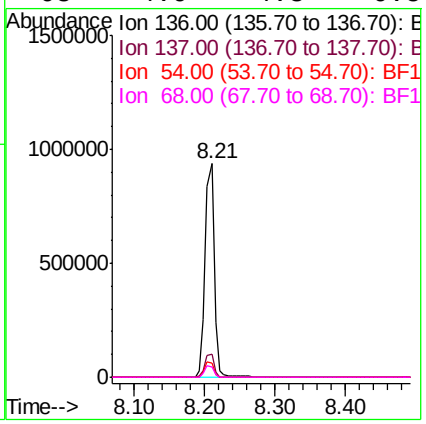


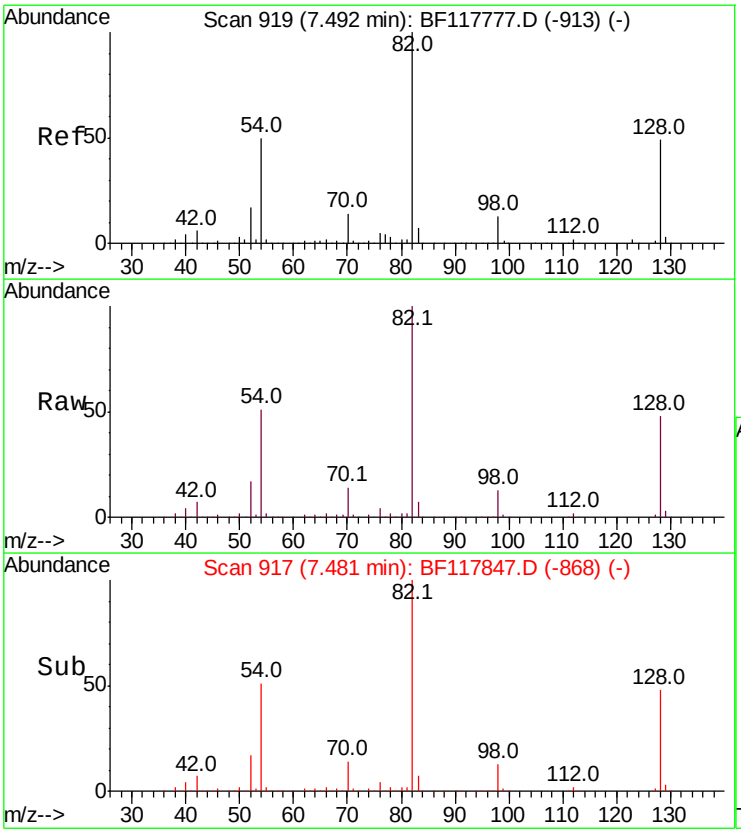
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117847.D
Acq: 18 Nov 2019 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 842216

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.5	5.4	8.2
68	4.9	4.3	6.5

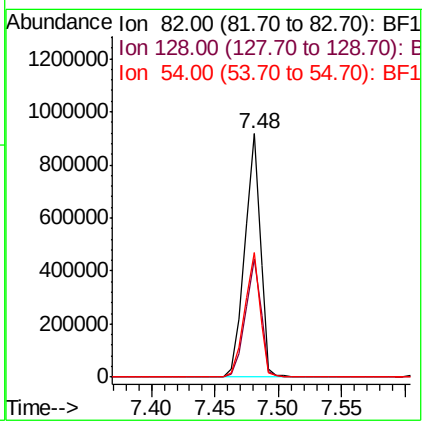


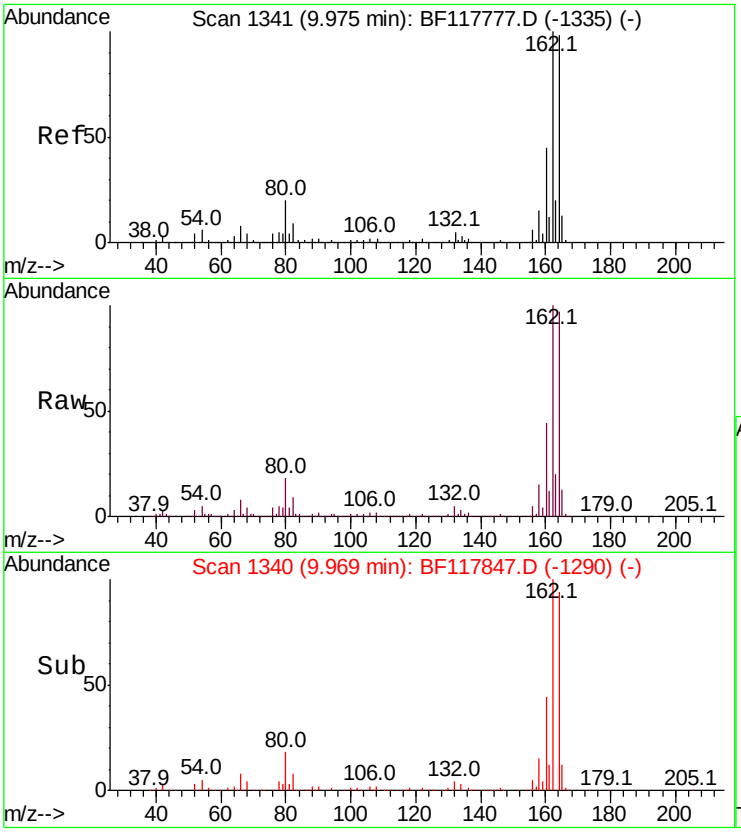


#23
Nitrobenzene-d5
Concen: 55.682 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117847.D
Acq: 18 Nov 2019 20:45

Tgt Ion: 82 Resp: 788884

Ion	Ratio	Lower	Upper
82	100		
128	48.4	38.9	58.3
54	51.3	39.8	59.6



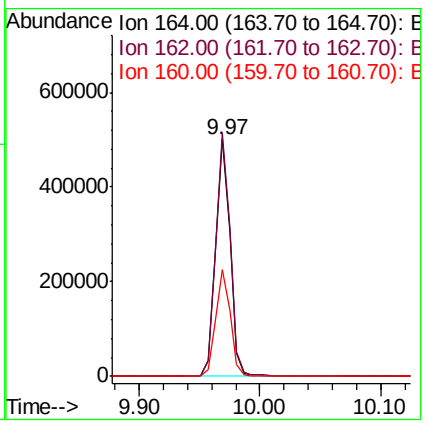


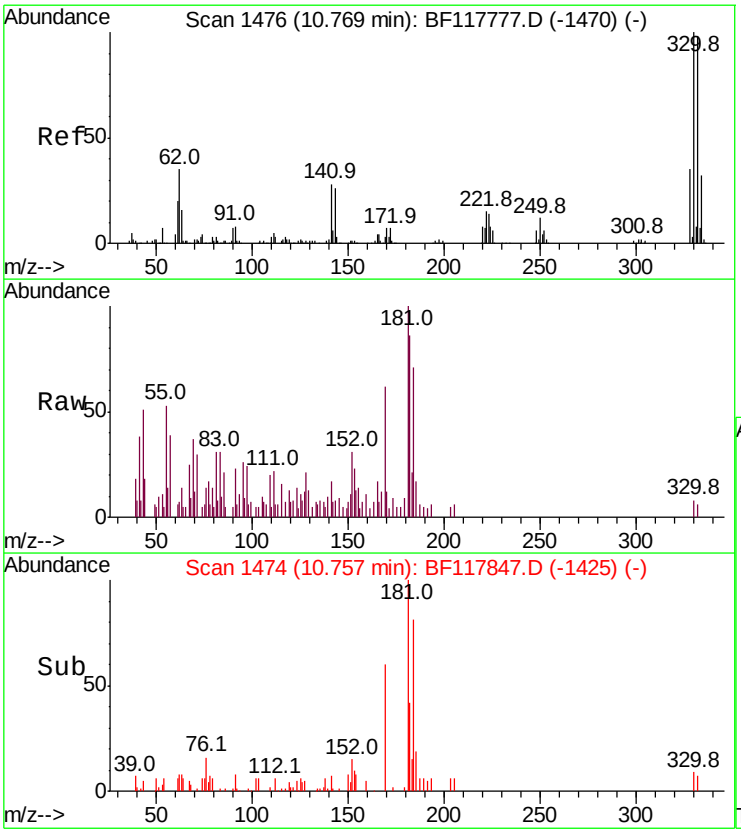
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117847.D
Acq: 18 Nov 2019 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 406684

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.3	121.9
160	45.0	36.6	55.0

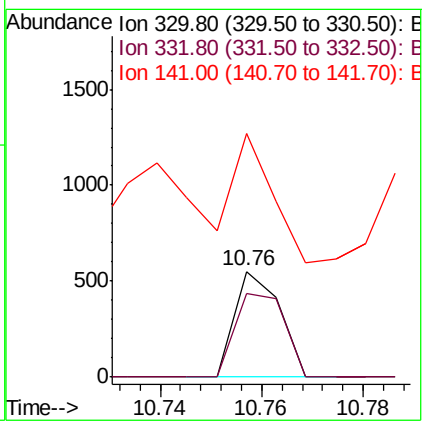


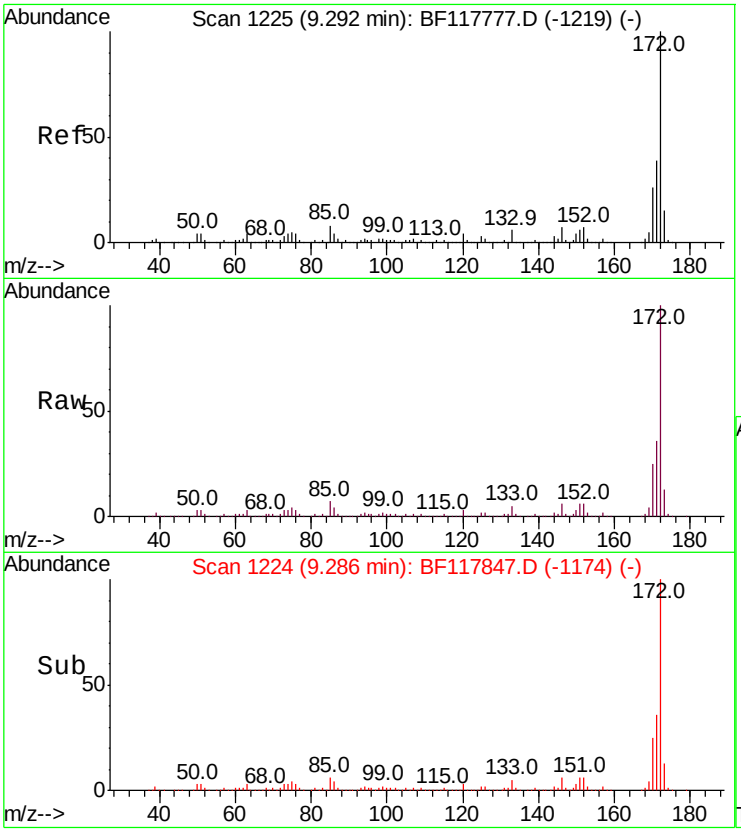


#42
2,4,6-Tribromophenol
Concen: 0.079 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117847.D
Acq: 18 Nov 2019 20:45

Tgt Ion:330 Resp: 340

Ion	Ratio	Lower	Upper
330	100		
332	87.1	76.7	115.1
141	86.8	27.7	41.5#



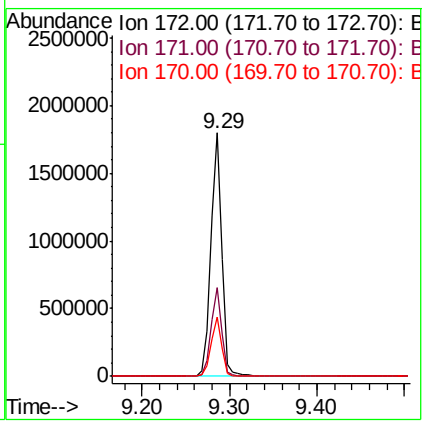


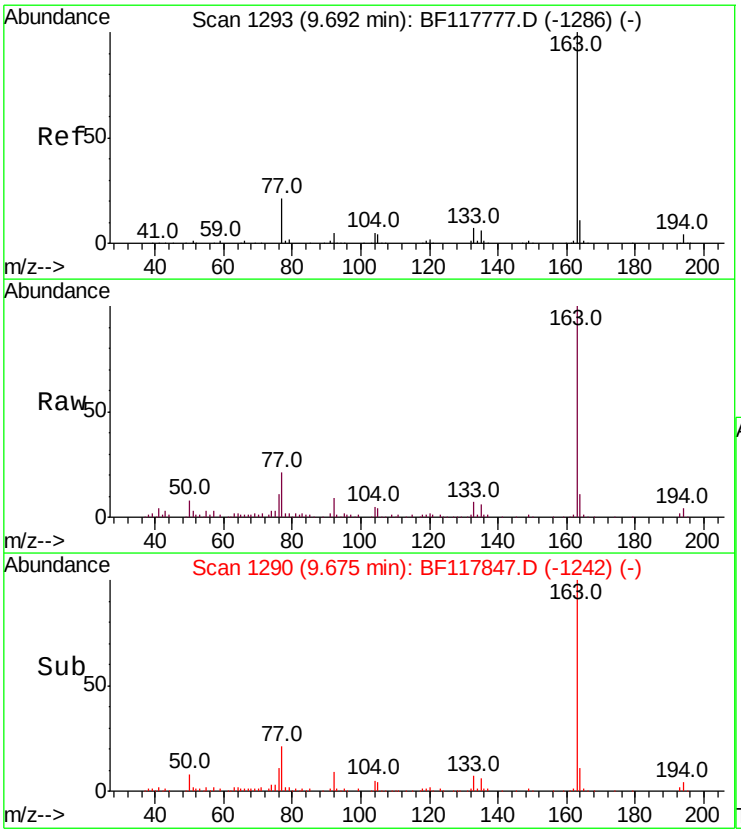
#45
2-Fluorobiphenyl
Concen: 68.973 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117847.D
Acq: 18 Nov 2019 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1563527

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.9	46.3
170	24.6	21.0	31.4

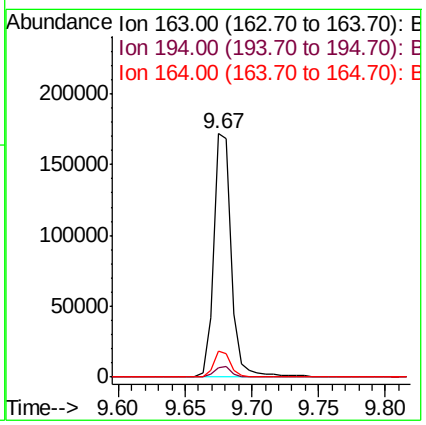


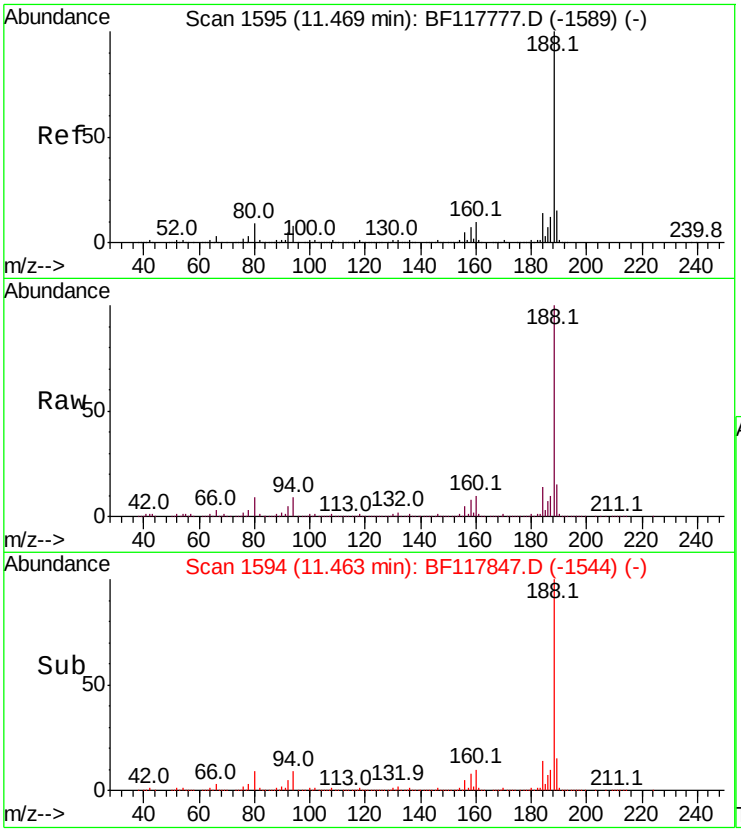


#50
Dimethylphthalate
Concen: 5.682 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117847.D
Acq: 18 Nov 2019 20:45

Tgt Ion:163 Resp: 162030

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	10.7	8.7	13.1



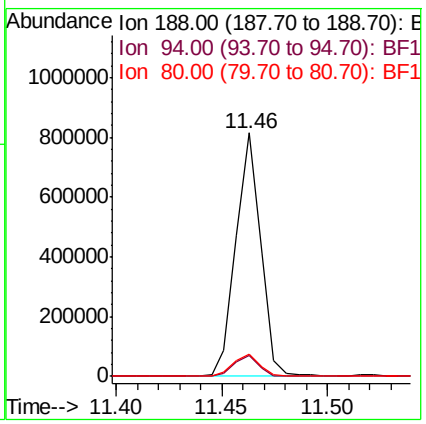


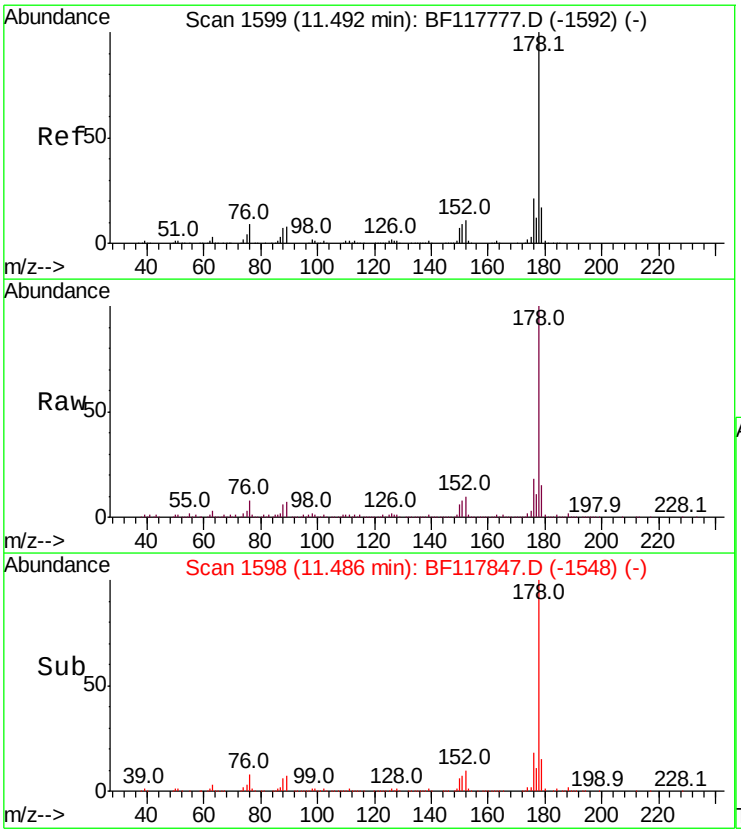
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117847.D
Acq: 18 Nov 2019 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 659076

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.6	10.0
80	8.9	7.2	10.8

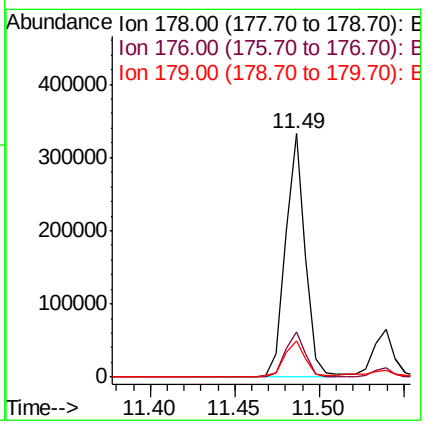


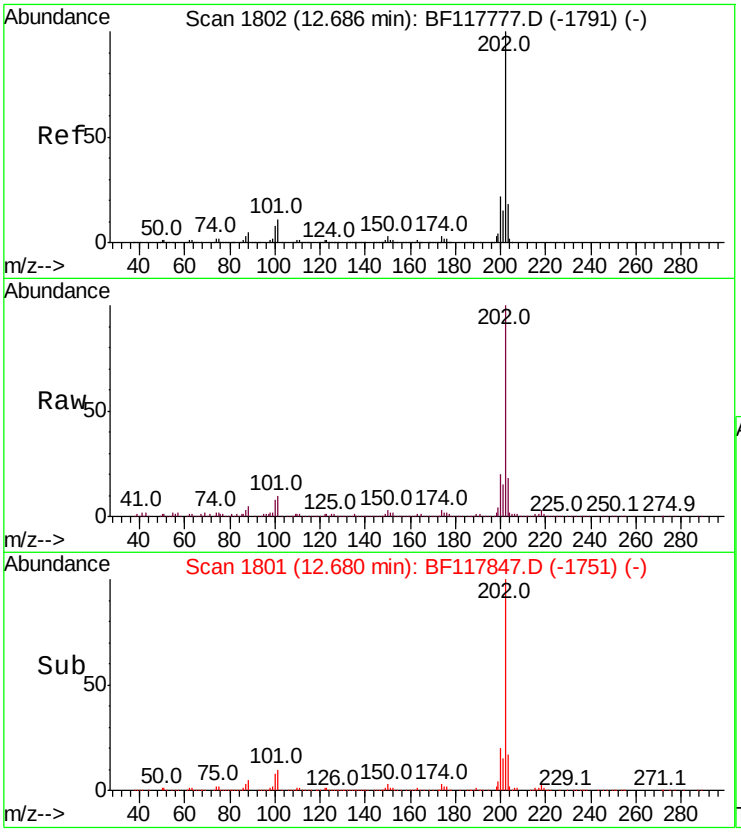


#71
Phenanthrene
Concen: 8.184 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF117847.D
Acq: 18 Nov 2019 20:45

Tgt Ion:178 Resp: 271200

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.6	25.0
179	15.0	13.2	19.8



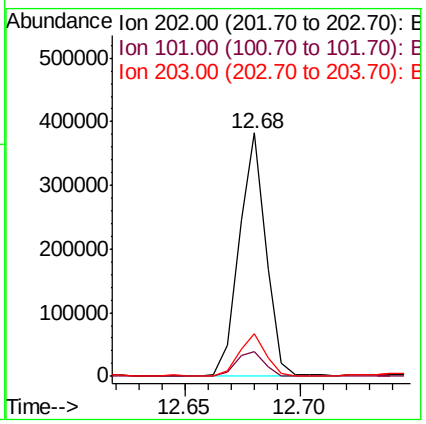


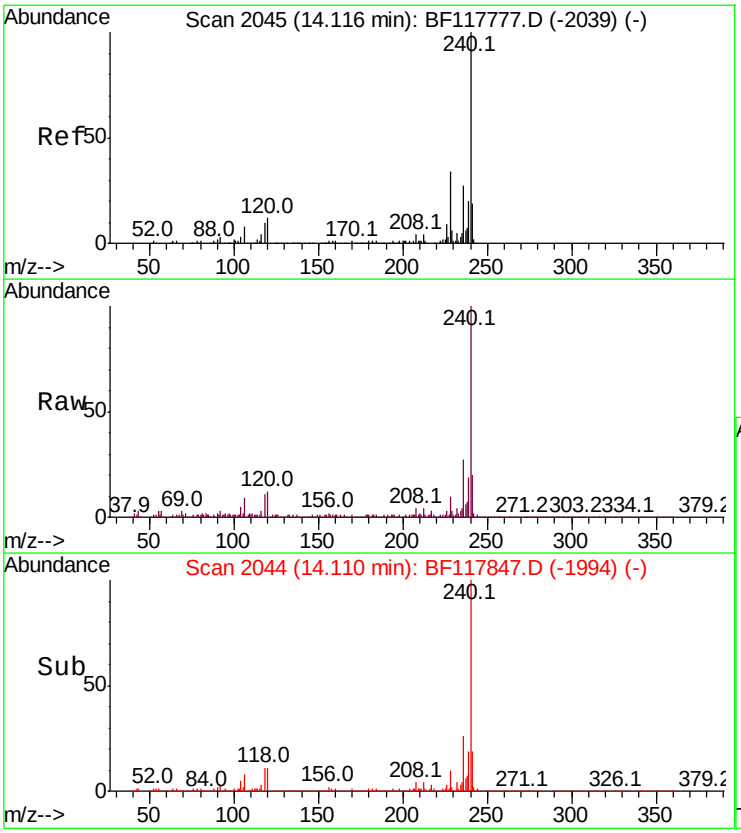
#75
Fluoranthene
Concen: 3.178 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF117847.D
Acq: 18 Nov 2019 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 306920

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.1
203	17.6	0.0	38.2

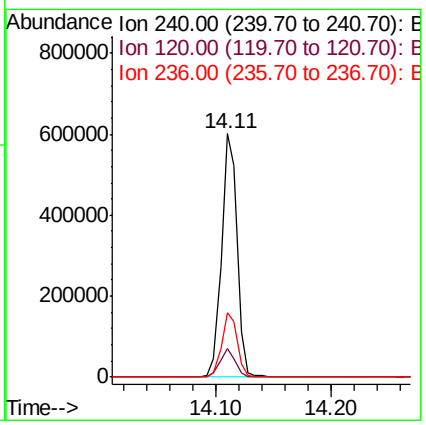


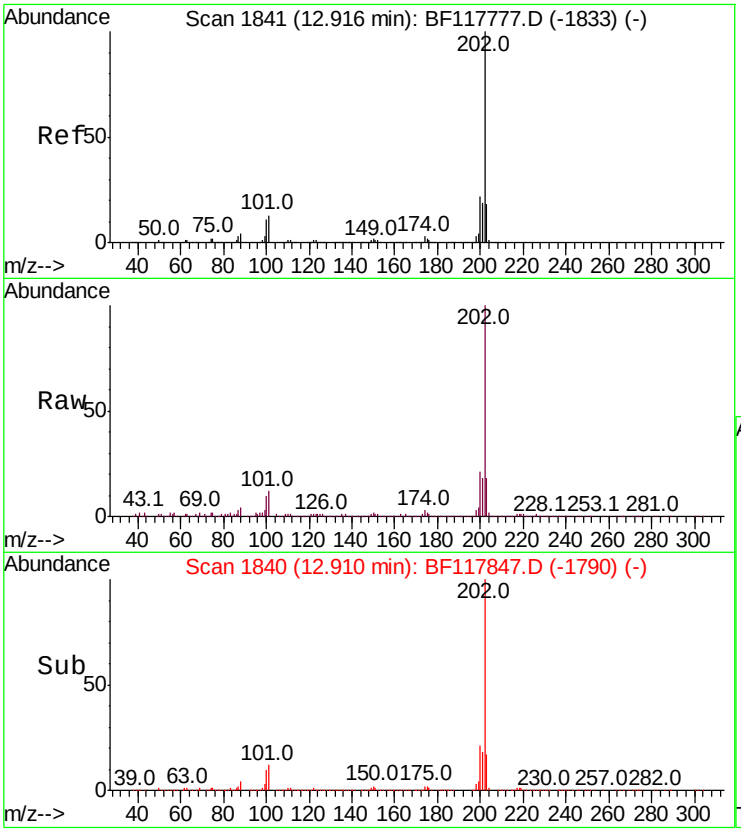


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117847.D
Acq: 18 Nov 2019 20:45

Tgt Ion:240 Resp: 558048

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.5	21.3	31.9



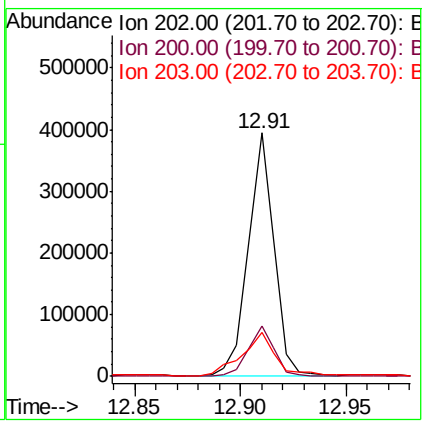


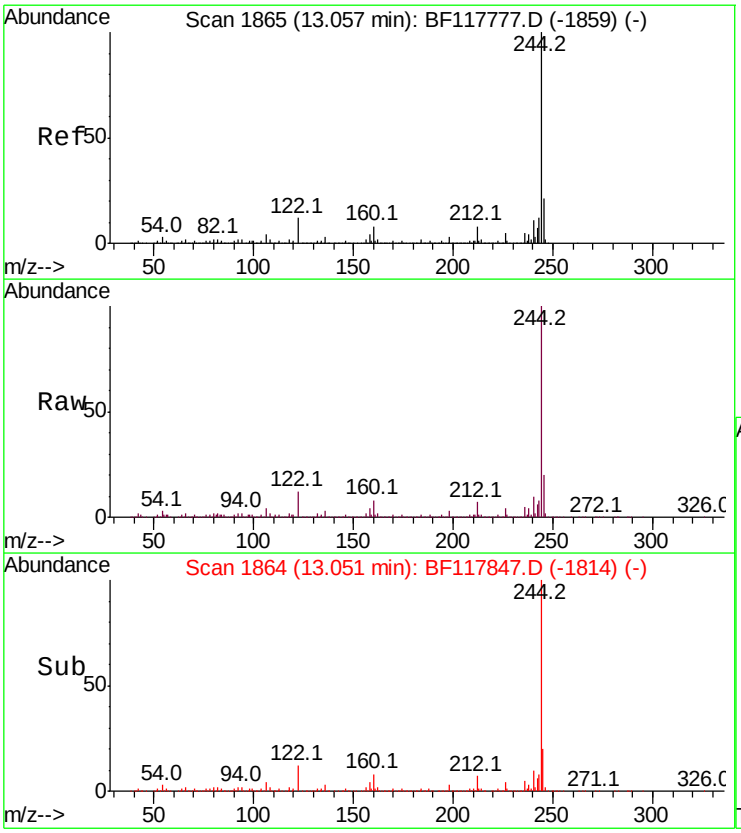
#78
Pyrene
Concen: 7.470 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117847.D
Acq: 18 Nov 2019 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 336909

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.8	26.8
203	18.0	14.6	22.0

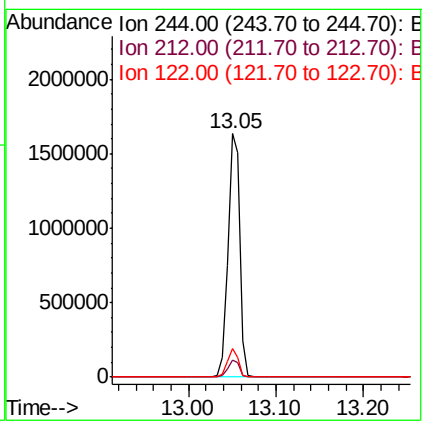


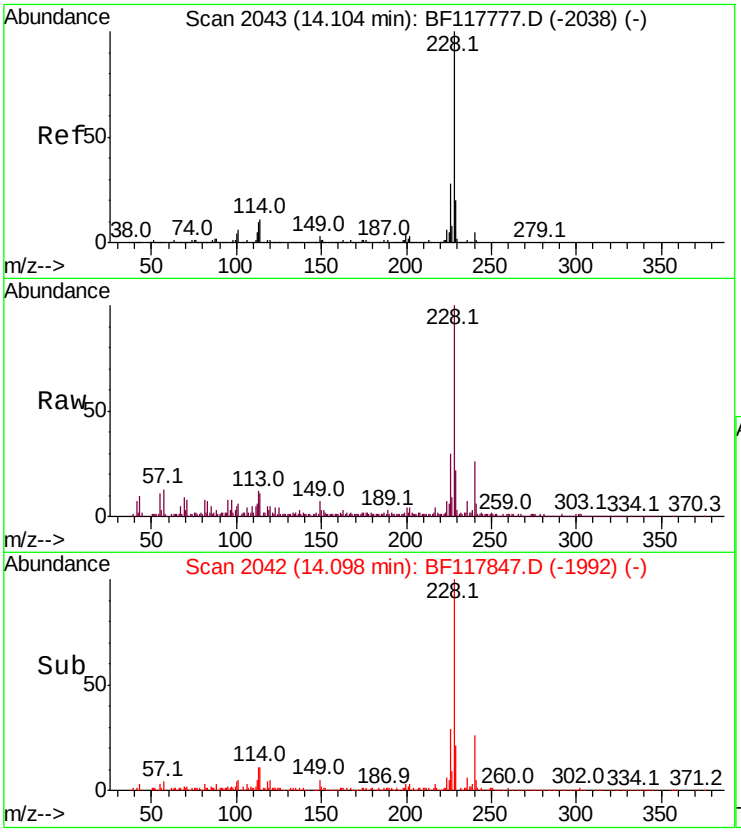


#79
Terphenyl-d14
Concen: 49.980 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF117847.D
Acq: 18 Nov 2019 20:45

Tgt Ion:244 Resp: 1526107

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.3	9.5
122	11.9	9.4	14.2



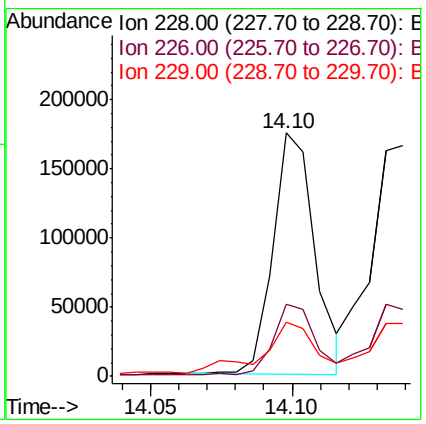


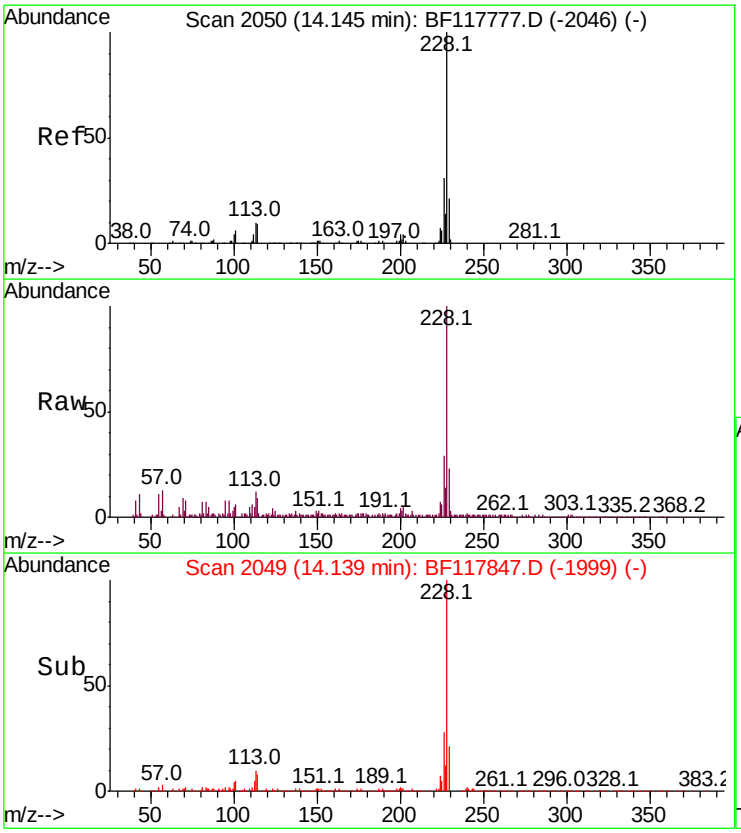
#81
Benzo(a)anthracene
Concen: 4.852 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF117847.D
Acq: 18 Nov 2019 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 178938

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.2	33.2
229	22.2	15.9	23.9

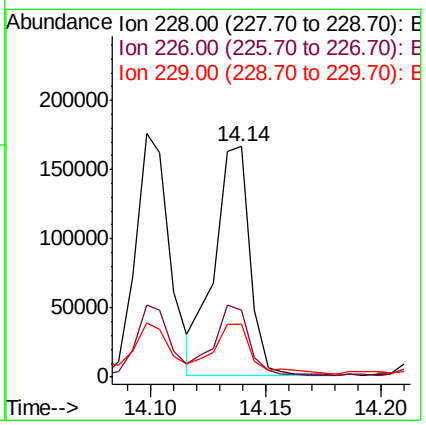


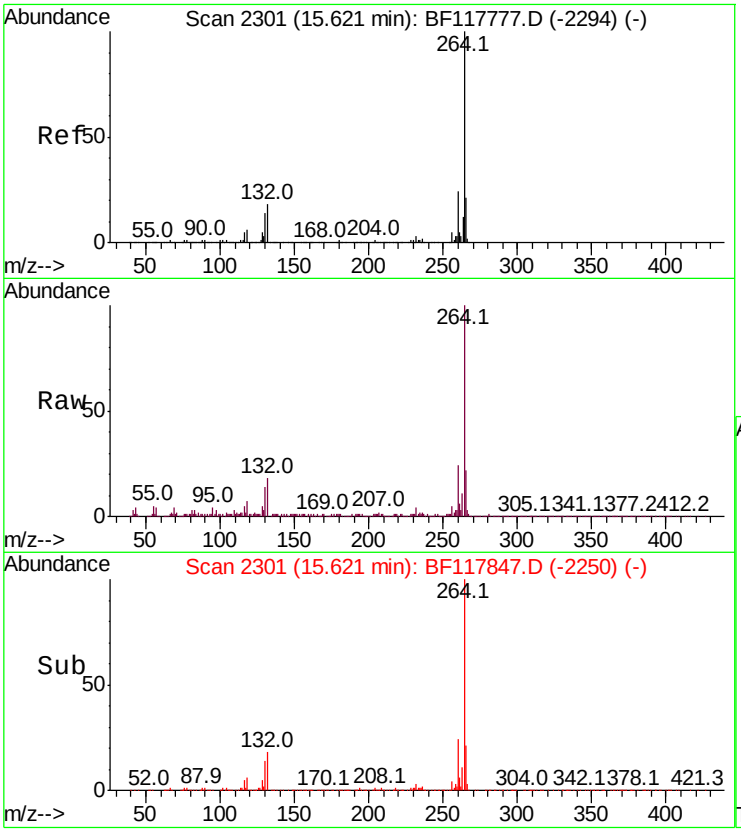


#83
Chrysene
Concen: 4.916 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF117847.D
Acq: 18 Nov 2019 20:45

Tgt Ion:228 Resp: 175677

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.4
229	22.8	16.6	25.0



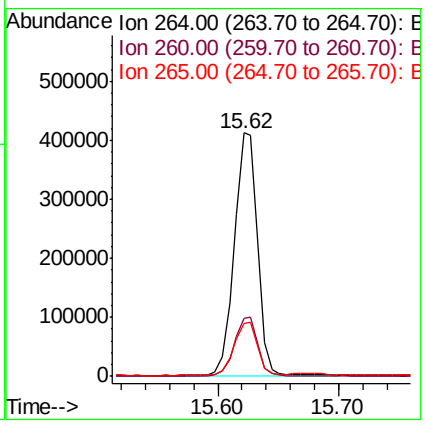


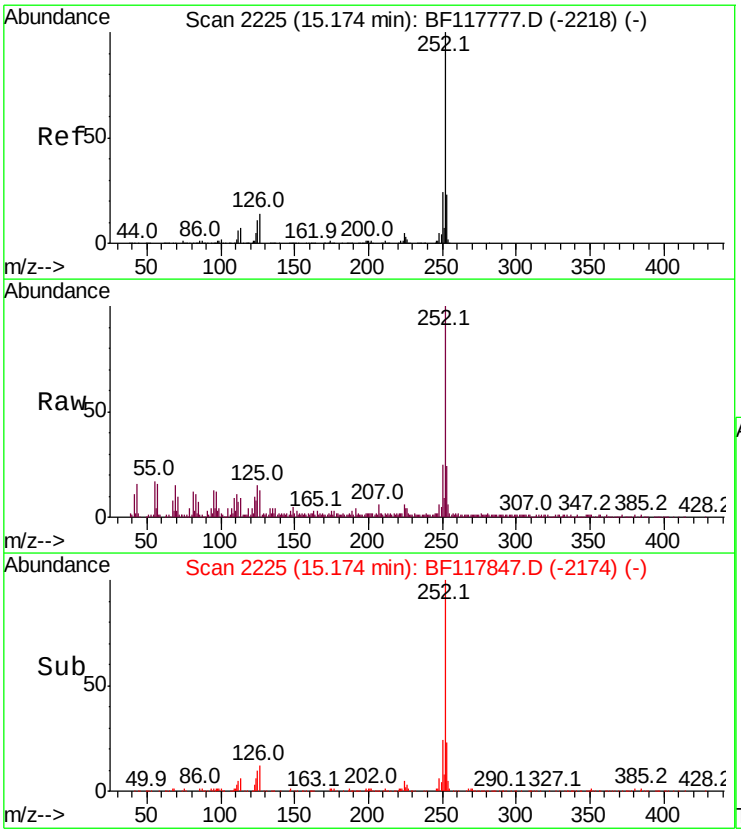
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BF117847.D
Acq: 18 Nov 2019 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 550210

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.7	17.1	25.7

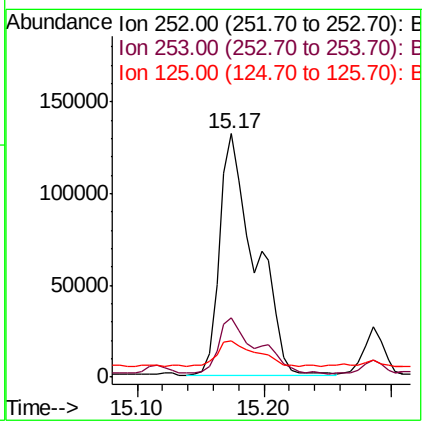


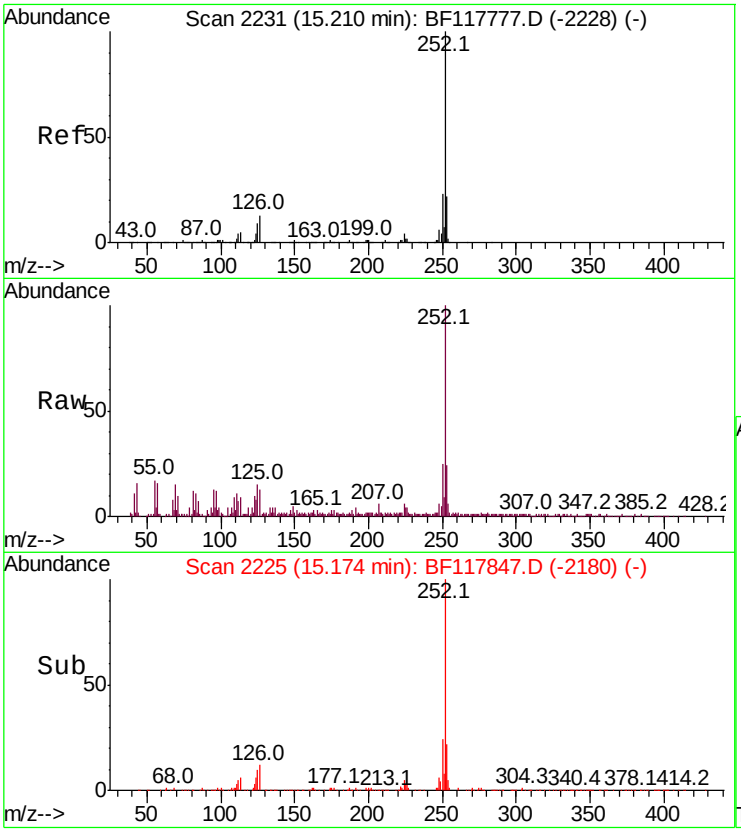


#88
Benzo(b)fluoranthene
Concen: 7.142 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF117847.D
Acq: 18 Nov 2019 20:45

Tgt Ion:252 Resp: 255315

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	15.1	8.6	13.0#



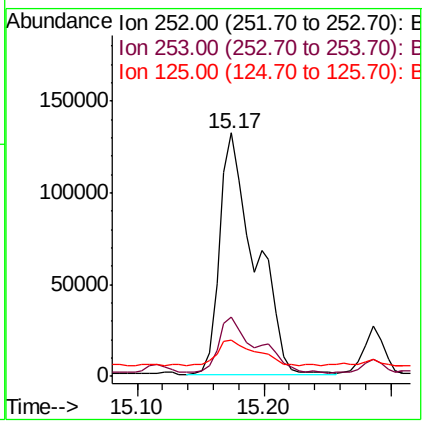


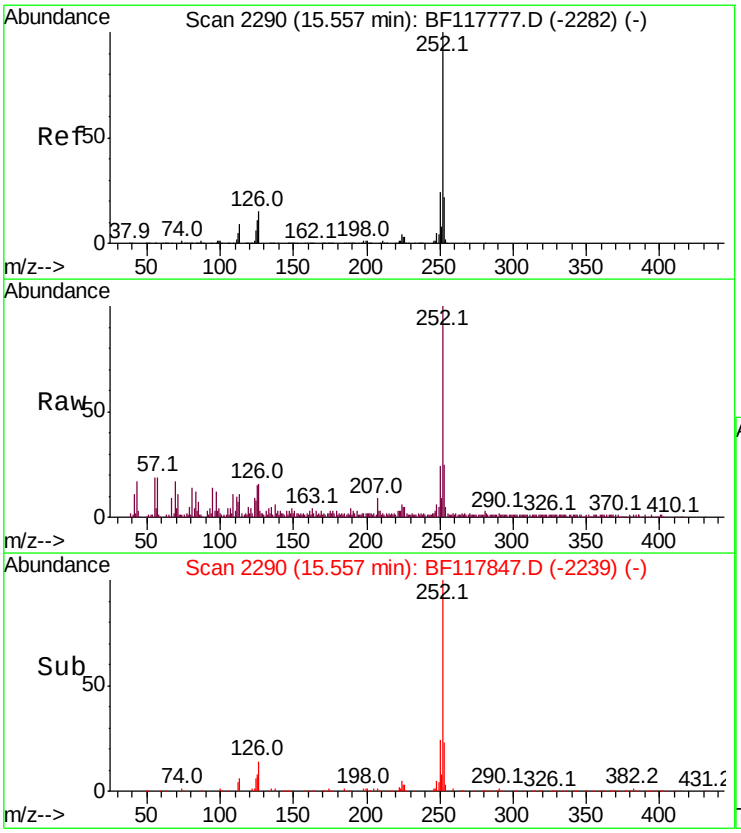
#89
Benzo(k)fluoranthene
Concen: 7.580 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.04 min
Lab File: BF117847.D
Acq: 18 Nov 2019 20:45

Instrument :
BNA_F
ClientSampleId :

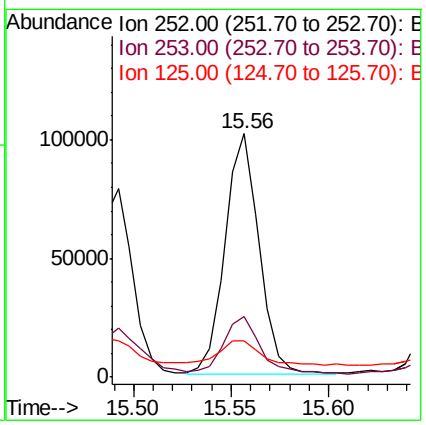
Tgt Ion:252 Resp: 255315

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	15.1	7.9	11.9#





#90
Benzo(a)pyrene
Concen: 3.911 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BF117847.D
Acq: 18 Nov 2019 20:45

Tgt Ion:252 Resp: 122951

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.6
125	14.9	9.2	13.8#