Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117863.D
Acq On : 19 Nov 2019 16:58
Operator : JU
Sample : K5865-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 20 00:31:21 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	214255	20.00	ng		-0.01
21) Naphthalene-d8	8.20	136	848816	20.00	ng		-0.01
39) Acenaphthene-d10	9.96	164	451897	20.00	ng		-0.01
64) Phenanthrene-d10	11.46	188	750000	20.00	ng		-0.01
76) Chrysene-d12	14.10	240	445453	20.00	ng		-0.01
87) Perylene-d12	15.62	264	466853	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	445441	36.80	ng		-0.01
7) Phenol-d6	6.53	99	1523723	104.37	ng		-0.01
23) Nitrobenzene-d5	7.47	82	1017090	71.23	ng		-0.02
42) 2,4,6-Tribromophenol	10.75	330	8813	1.84	ng		-0.02
45) 2-Fluorobiphenyl	9.28	172	1935498	76.84	ng		-0.01
79) Terphenyl-d14	13.04	244	1791675	73.51	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.46	77	795	Below Cal			84
10) Phenol	6.55	94	73919	4.872	ng		98
19) n-Nitroso-di-n-propylamine	7.47	70	139093	15.443	ng	#	77
25) Isophorone	7.47	82	1011171	38.637	ng	#	62
50) Dimethylphthalate	9.67	163	220704	6.965	ng		97
57) 2,4-Dinitrotoluene	9.96	165	59543	6.759	ng	#	24
71) Phenanthrene	11.48	178	245588	6.513	ng		97
75) Fluoranthene	12.67	202	218346	Below Cal			97
78) Pyrene	12.90	202	183783	5.105	ng		98
81) Benzo(a)anthracene	14.09	228	81018	2.752	ng		96
83) Chrysene	14.13	228	67187	2.355	ng		99
88) Benzo(b)fluoranthene	15.16	252	110441	3.641	ng	#	95
89) Benzo(k)fluoranthene	15.16	252	110441	3.864	ng	#	94
90) Benzo(a)pyrene	15.54	252	55983	2.099	ng	#	95

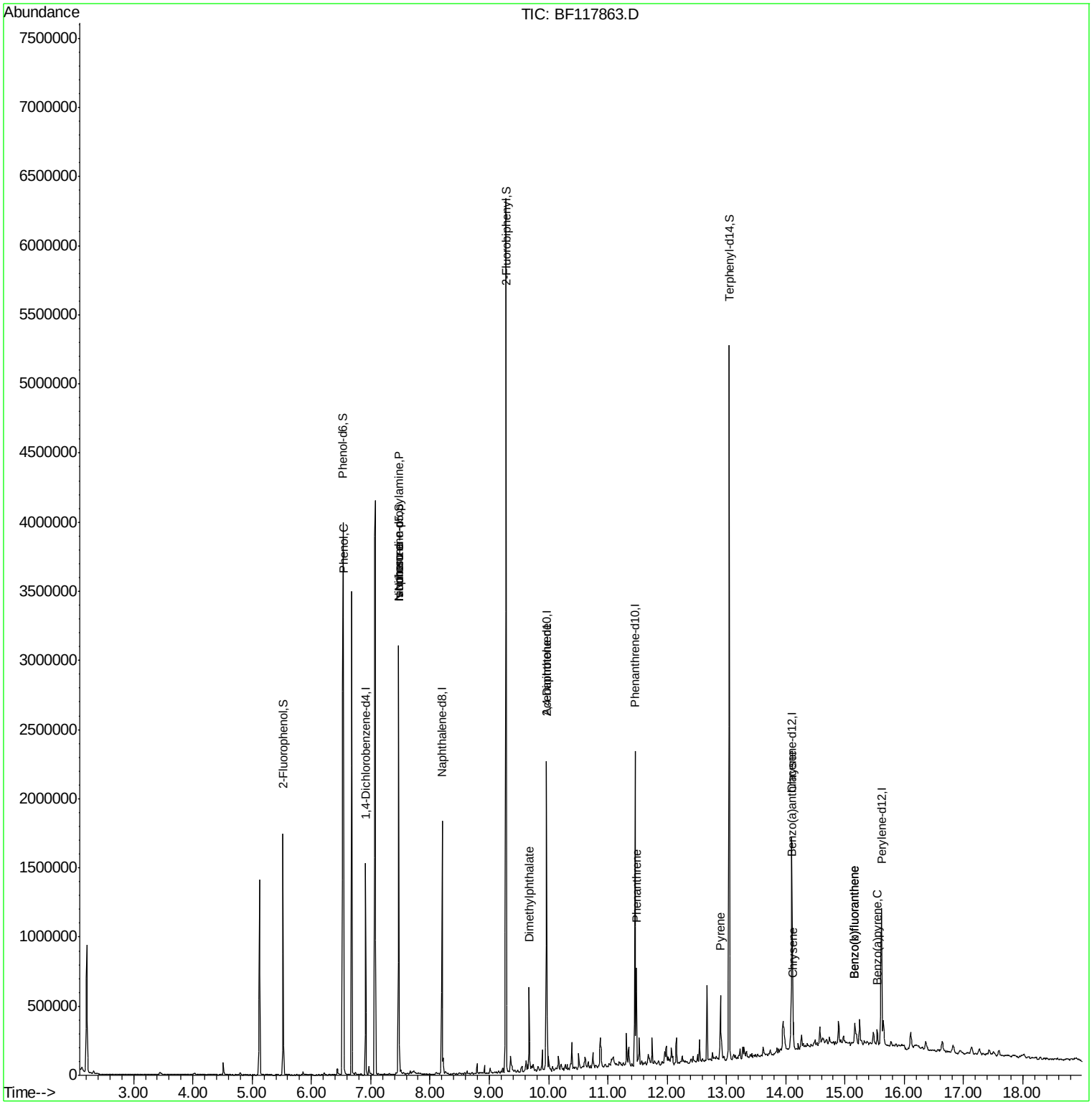
(#) = qualifier out of range (m) = manual integration (+) = signals summed

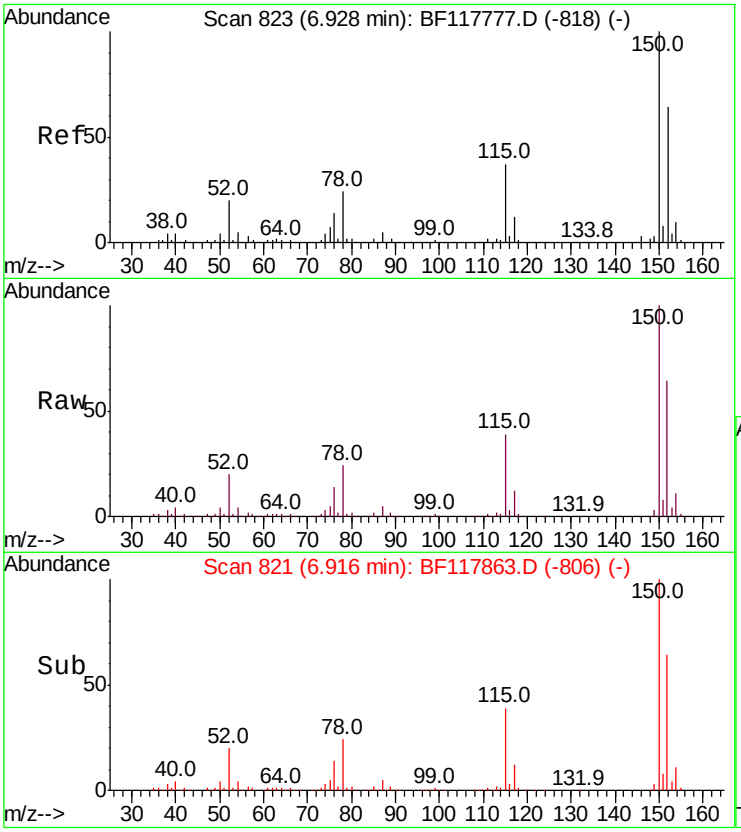
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117863.D
Acq On : 19 Nov 2019 16:58
Operator : JU
Sample : K5865-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 20 00:31:21 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



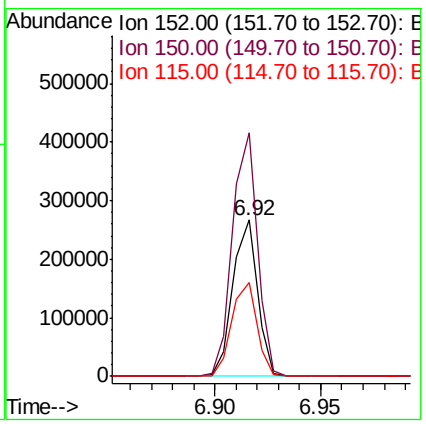


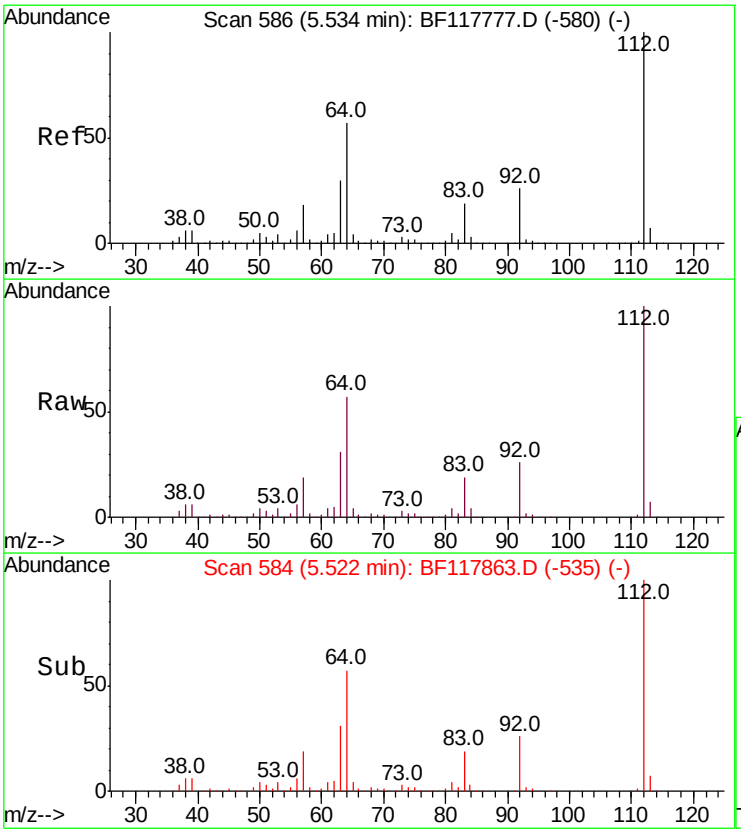
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 214255

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.3	187.9
115	60.2	47.0	70.4

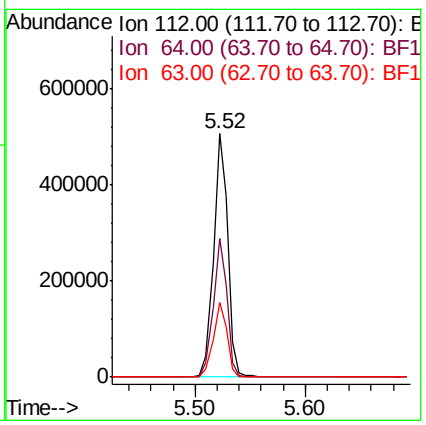


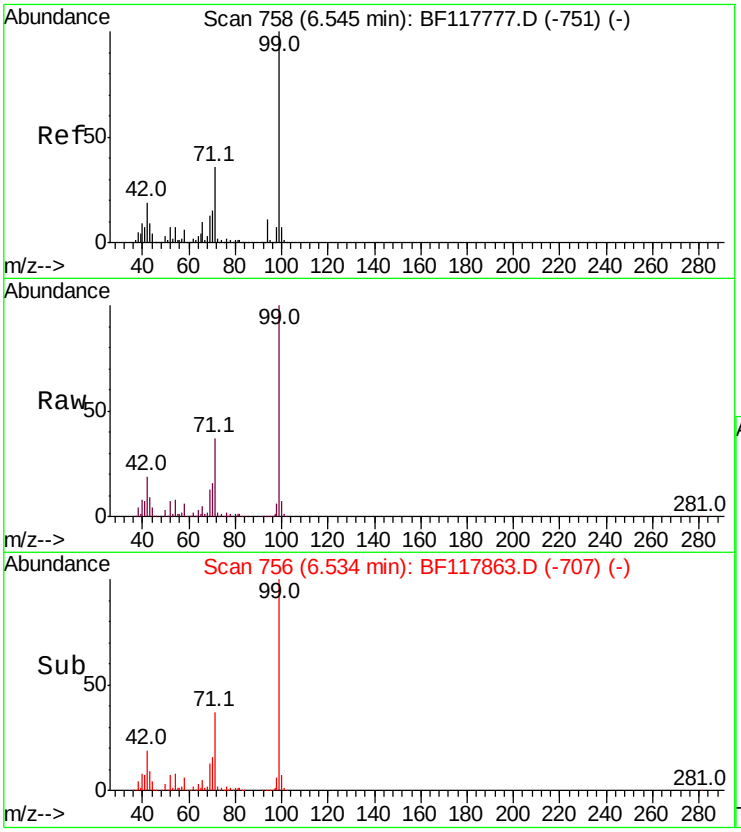


#5
2-Fluorophenol
Concen: 36.801 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Tgt Ion:112 Resp: 445441

Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.6	68.4
63	30.6	24.1	36.1



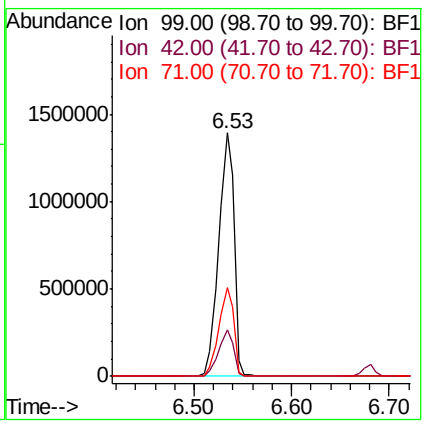


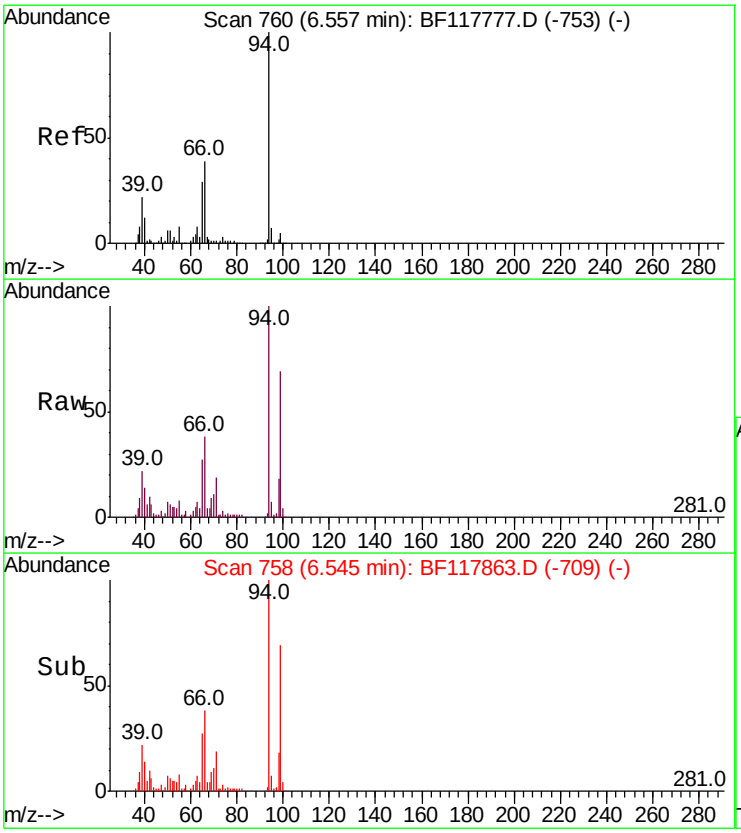
#7
Phenol-d6
Concen: 104.368 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1523723

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.9	22.3
71	36.5	28.6	43.0

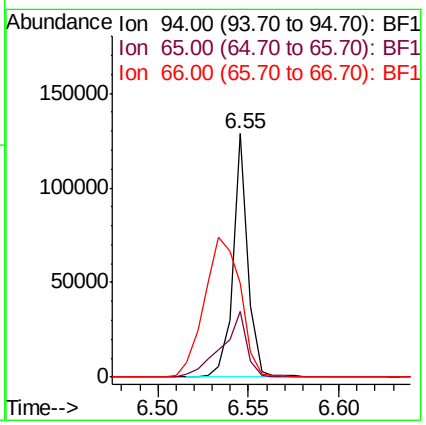


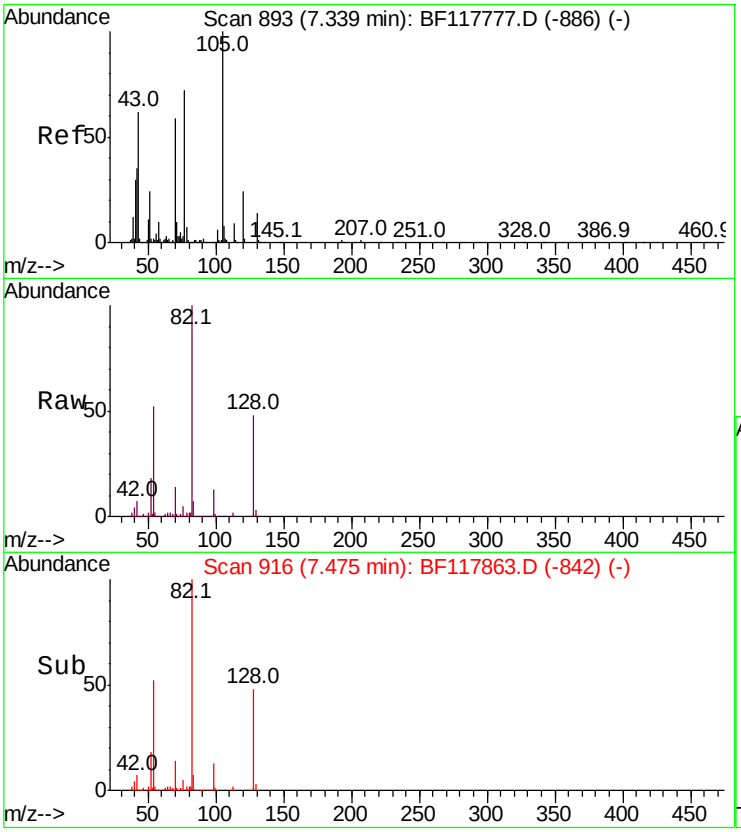


#10
Phenol
Concen: 4.872 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Tgt Ion: 94 Resp: 73919

Ion	Ratio	Lower	Upper
94	100		
65	27.2	8.9	48.9
66	38.4	18.7	58.7



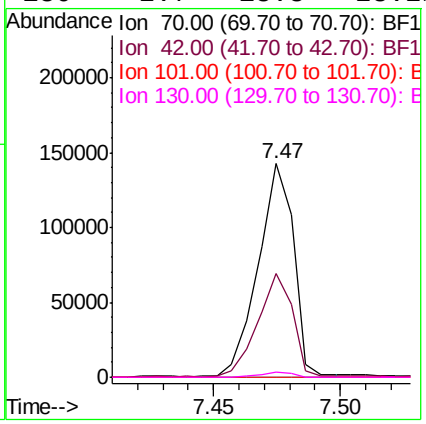


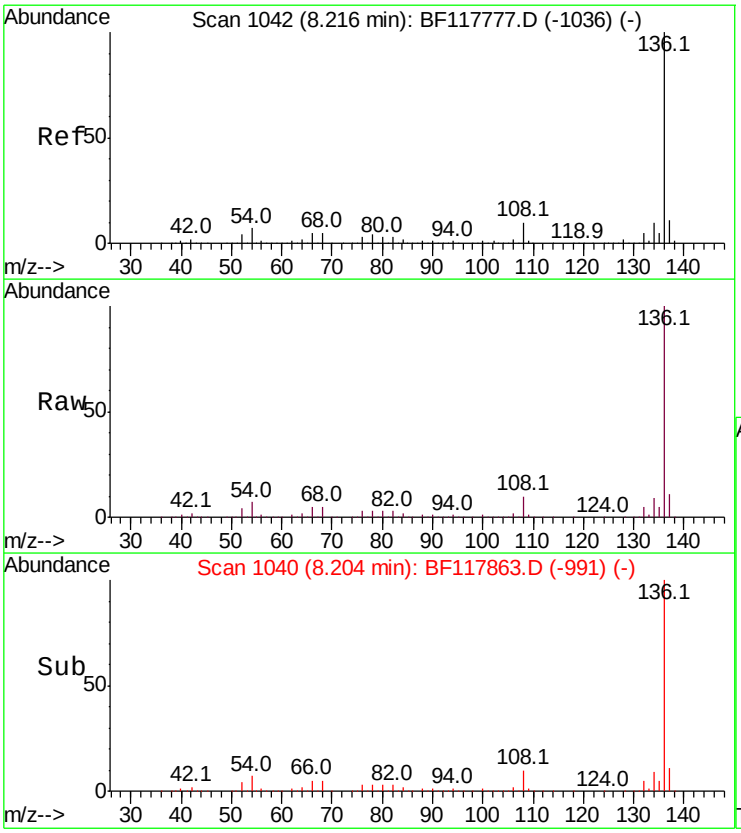
#19
n-Nitroso-di-n-propylamine
Concen: 15.443 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 139093

Ion	Ratio	Lower	Upper
70	100		
42	48.7	47.4	71.2
101	0.0	8.4	12.6#
130	2.7	18.8	28.2#

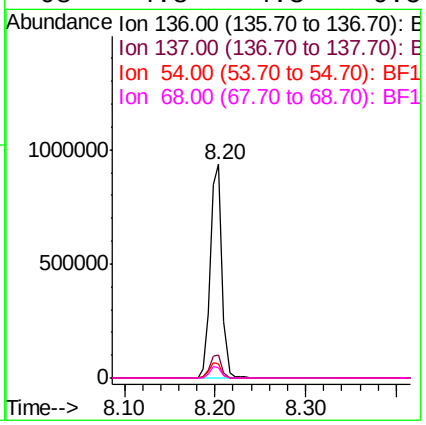


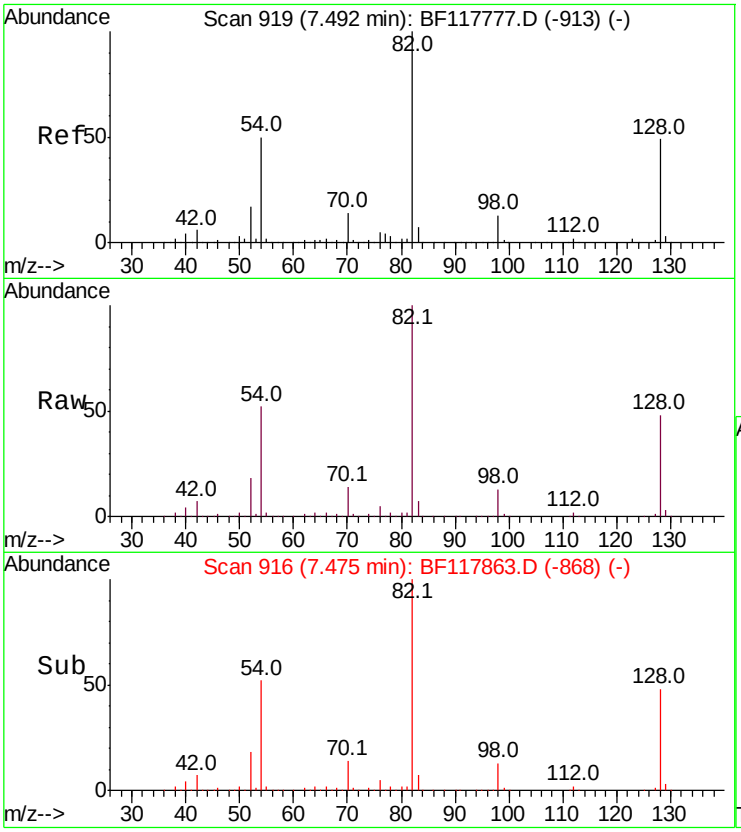


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Tgt Ion:136 Resp: 848816

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.7	5.4	8.2
68	4.8	4.3	6.5



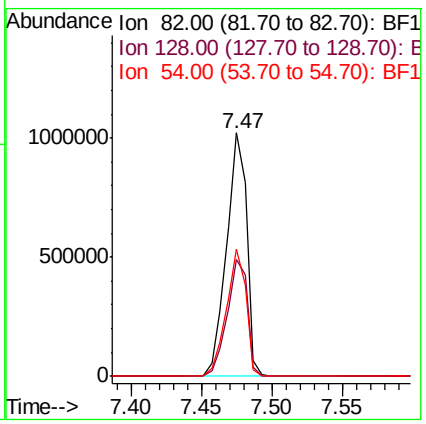


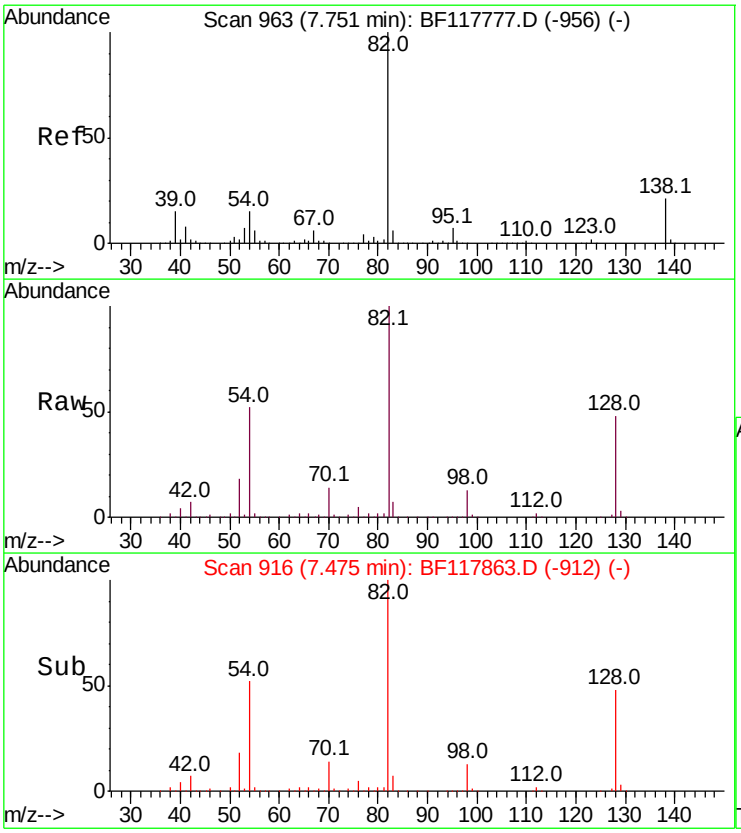
#23
Nitrobenzene-d5
Concen: 71.231 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1017090

Ion	Ratio	Lower	Upper
82	100		
128	48.2	38.9	58.3
54	52.1	39.8	59.6

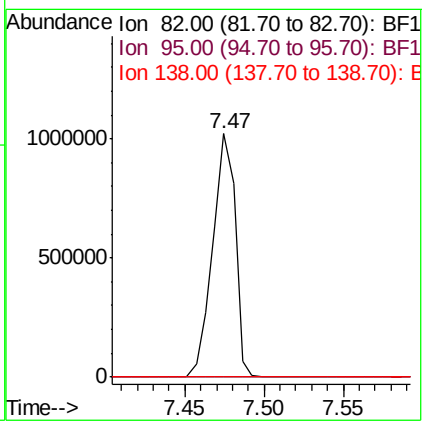


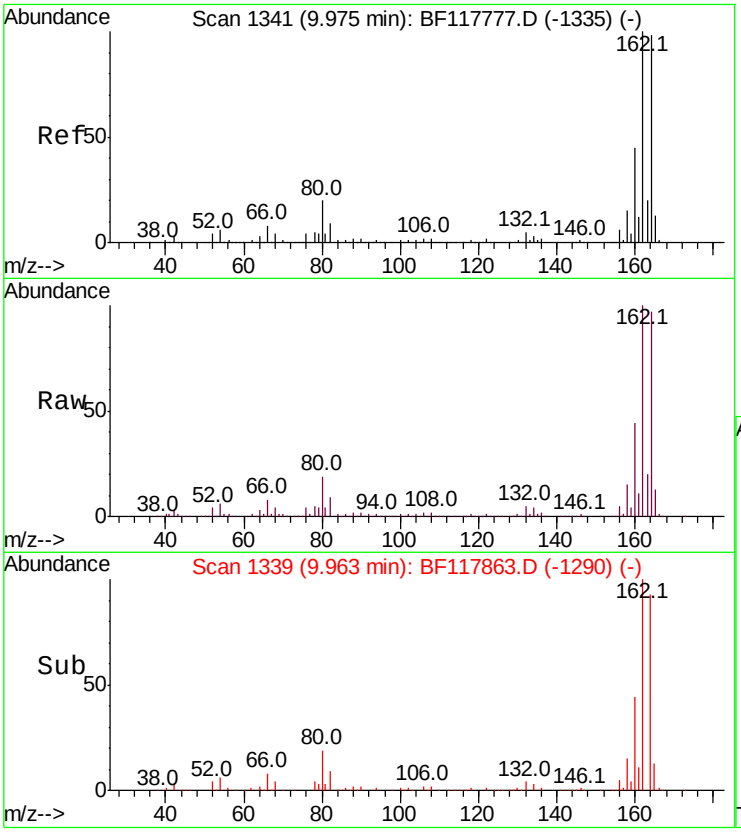


#25
Isophorone
Concen: 38.637 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.28 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Tgt Ion: 82 Resp: 1011171

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



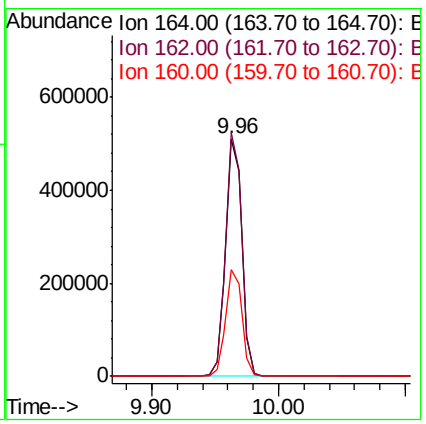


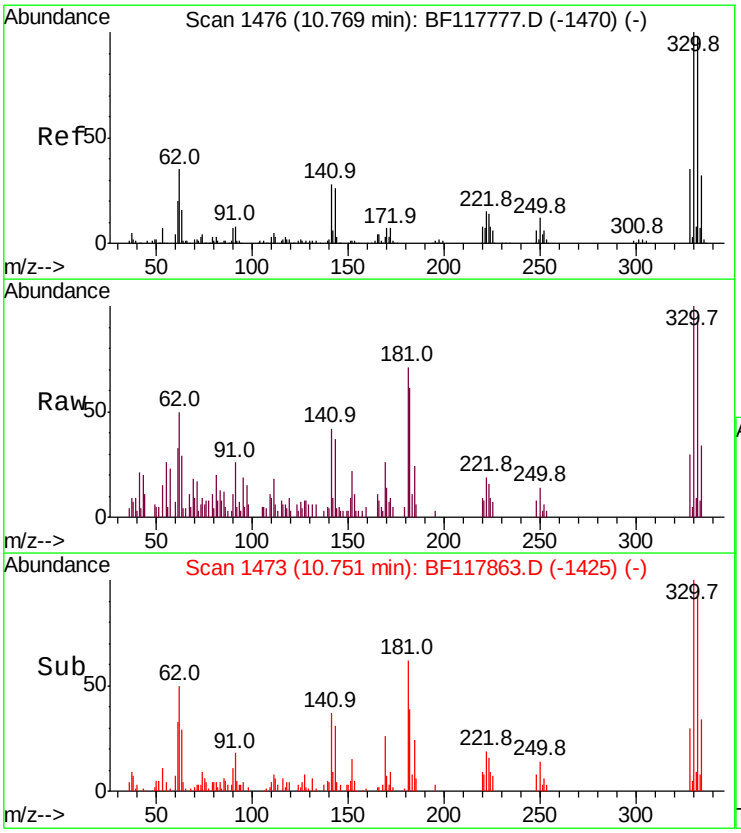
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 451897

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.3	121.9
160	45.1	36.6	55.0

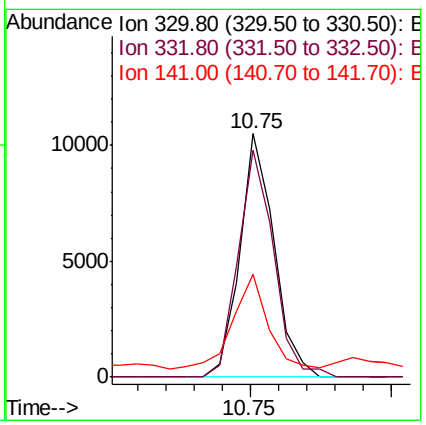


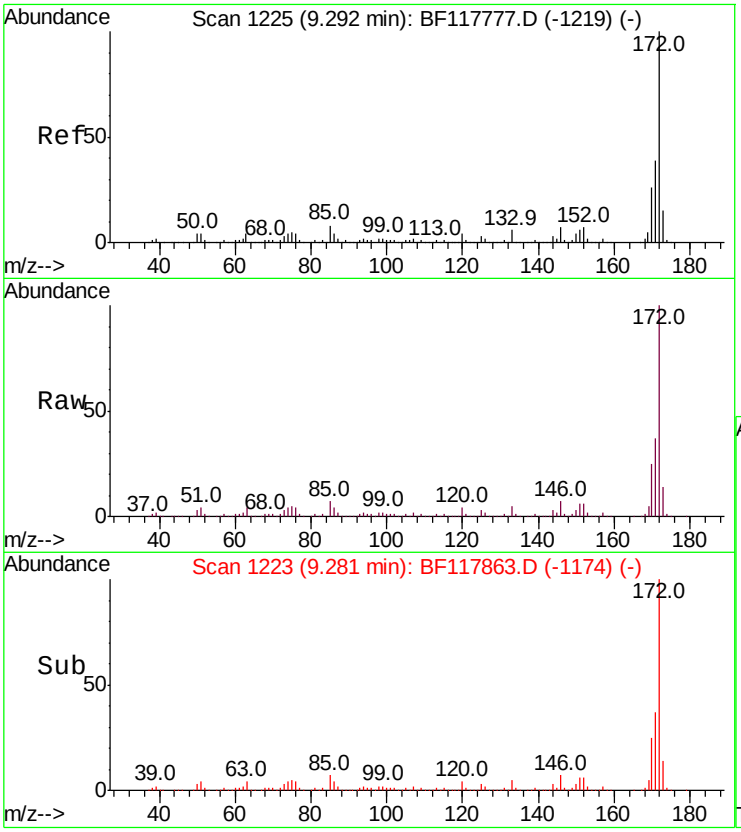


#42
2,4,6-Tribromophenol
Concen: 1.842 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.02 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Tgt Ion:330 Resp: 8813

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.7	115.1
141	39.0	27.7	41.5



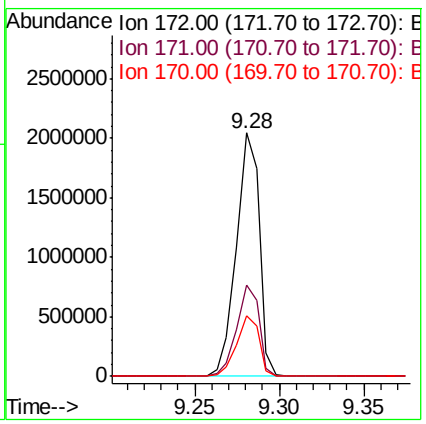


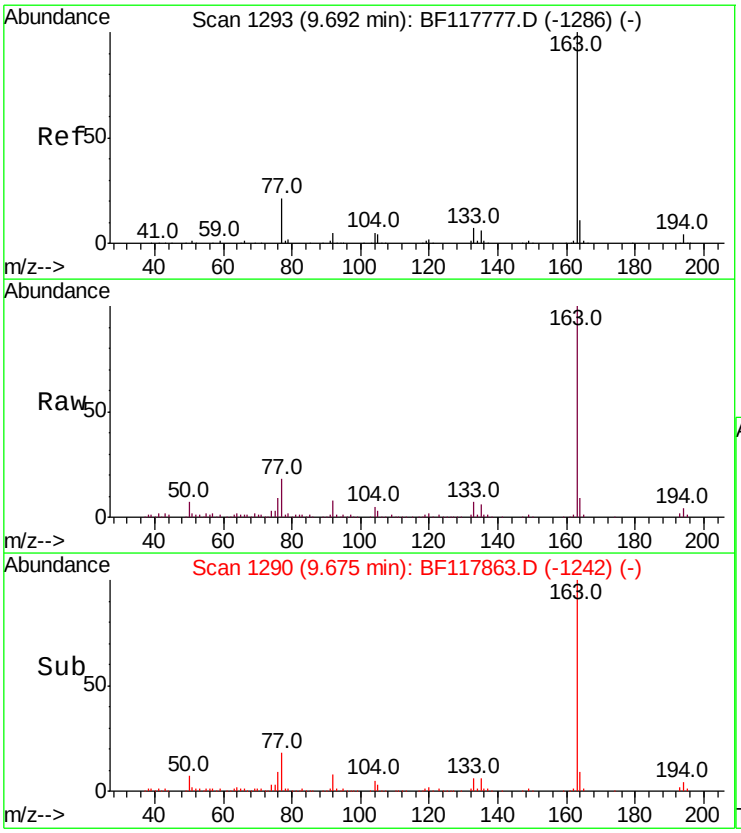
#45
2-Fluorobiphenyl
Concen: 76.839 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1935498

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.9	46.3
170	24.8	21.0	31.4

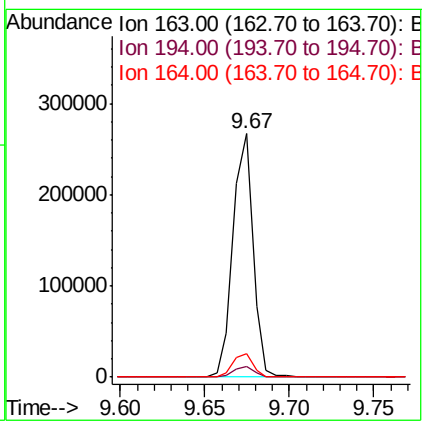


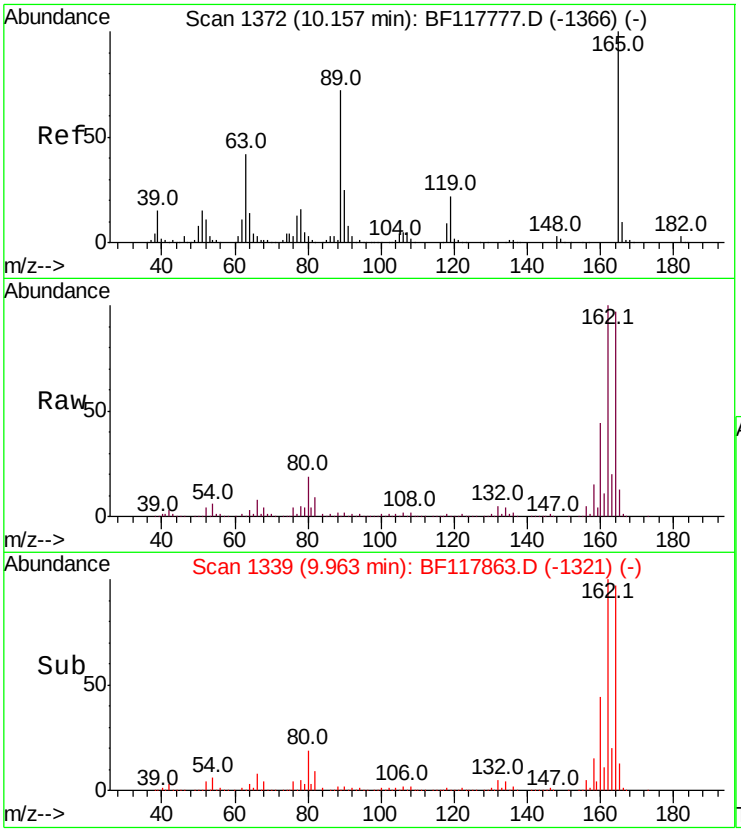


#50
Dimethylphthalate
Concen: 6.965 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Tgt Ion:163 Resp: 220704

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.4	8.7	13.1



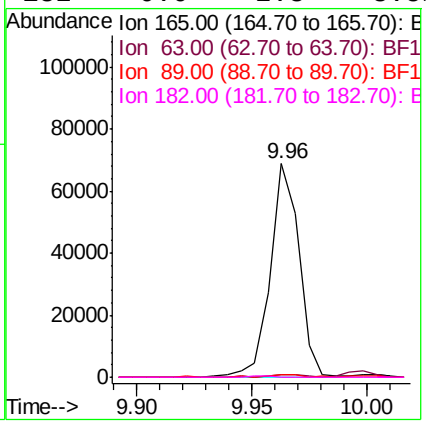


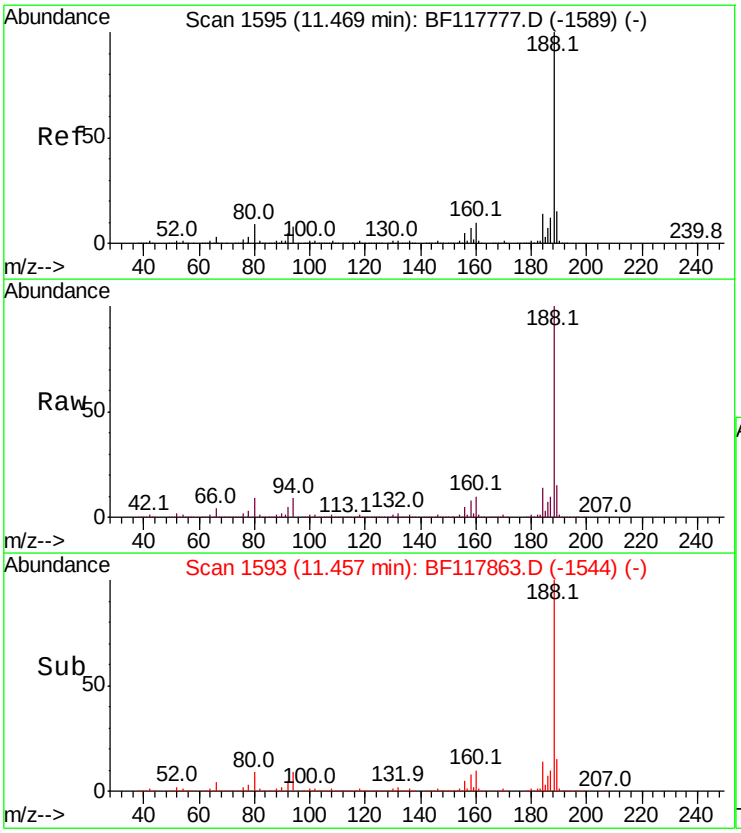
#57
2,4-Dinitrotoluene
Concen: 6.759 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.19 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 59543

Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.7	50.5#
89	1.4	57.3	85.9#
182	0.0	2.3	3.5#

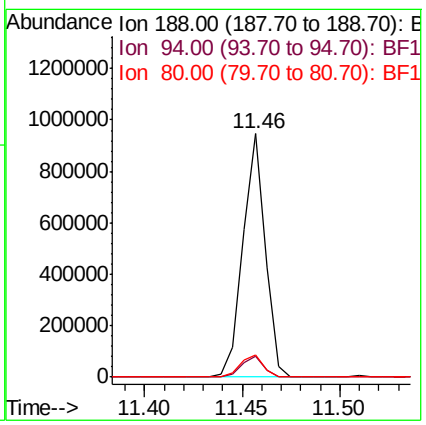


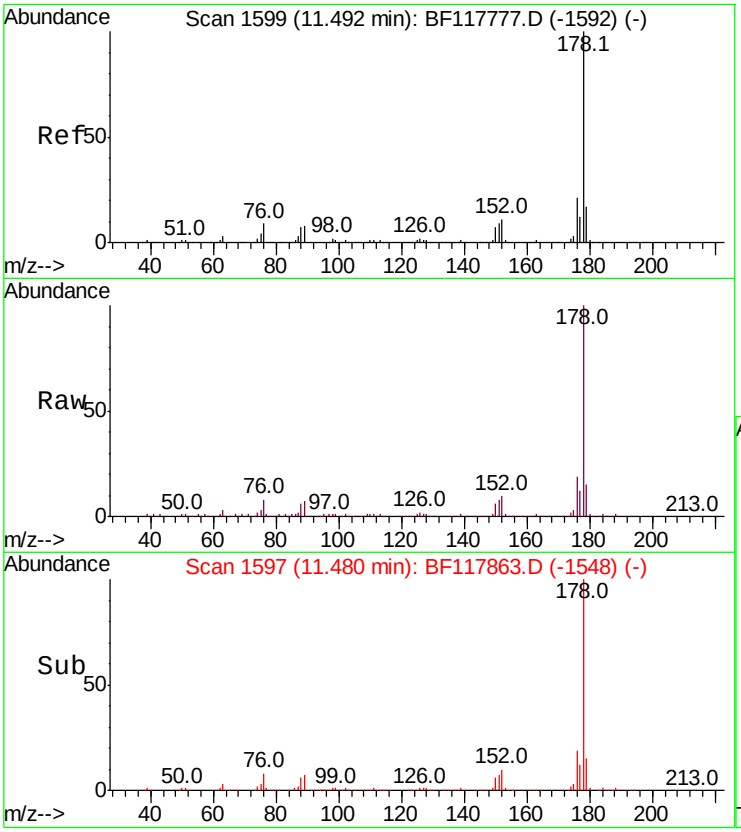


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Tgt Ion:188 Resp: 750000

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



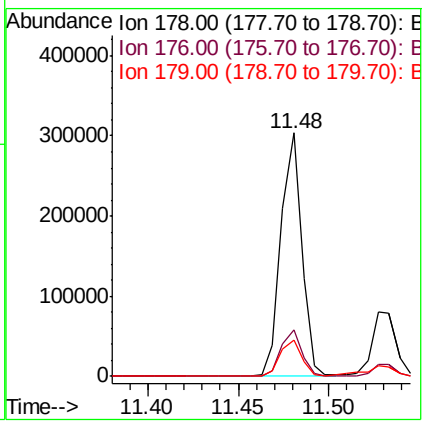


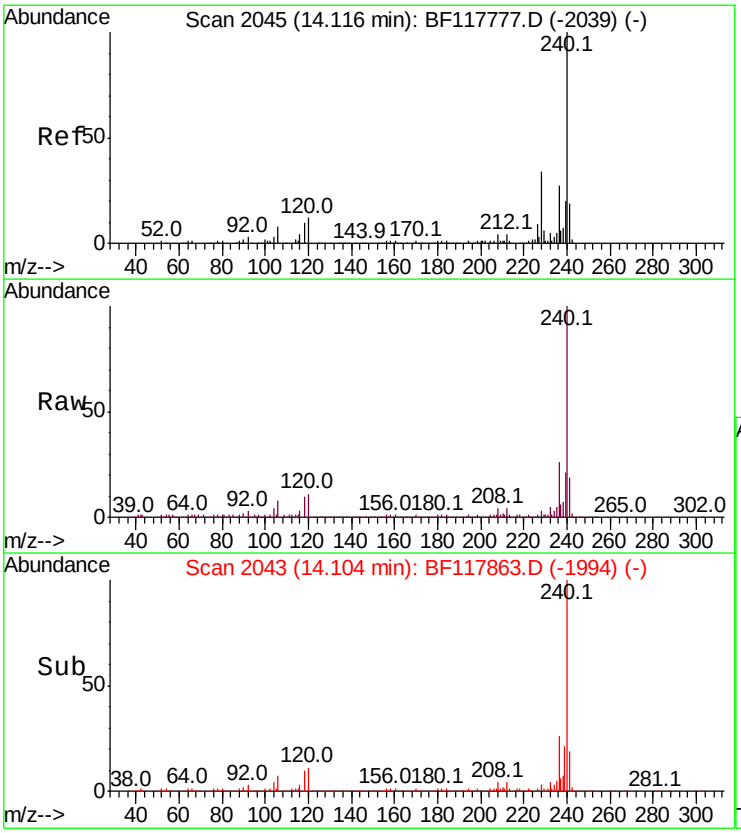
#71
Phenanthrene
Concen: 6.513 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 245588

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.6	25.0
179	15.0	13.2	19.8

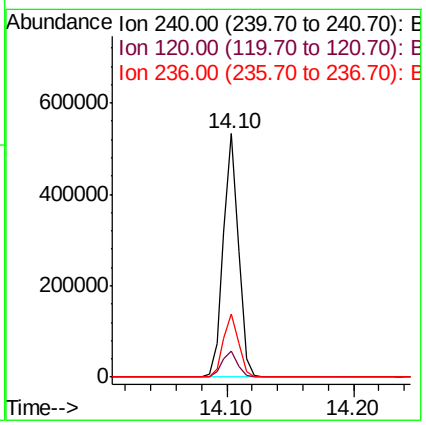


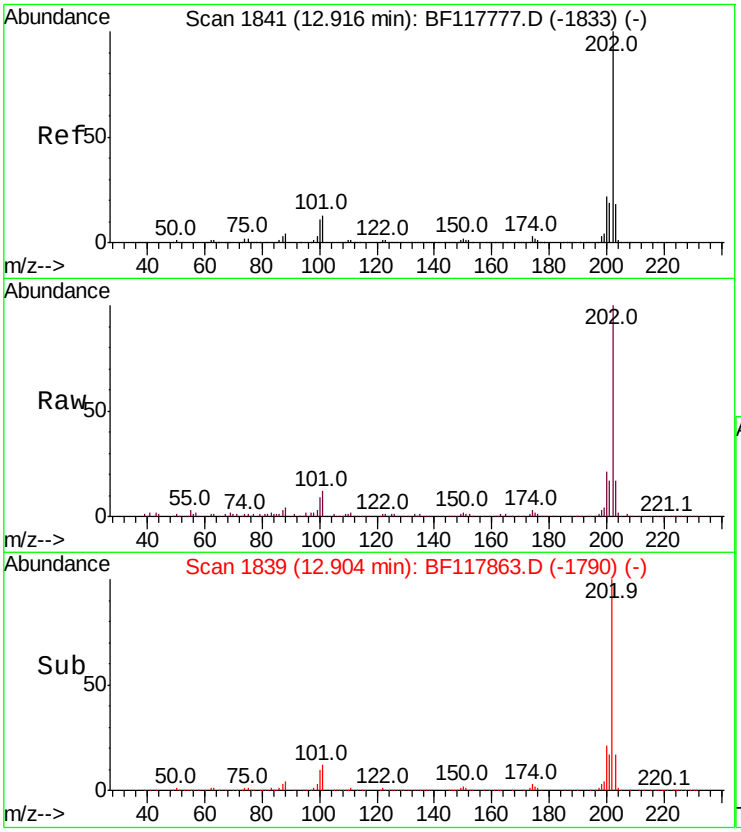


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Tgt Ion:240 Resp: 445453

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	25.7	21.3	31.9



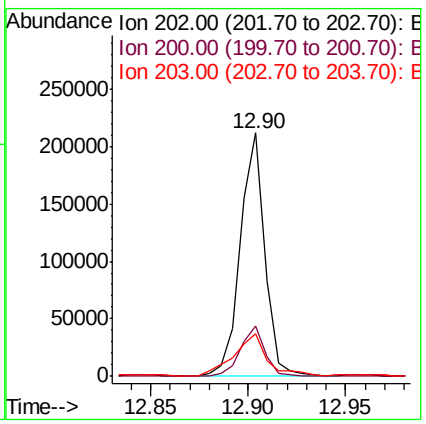


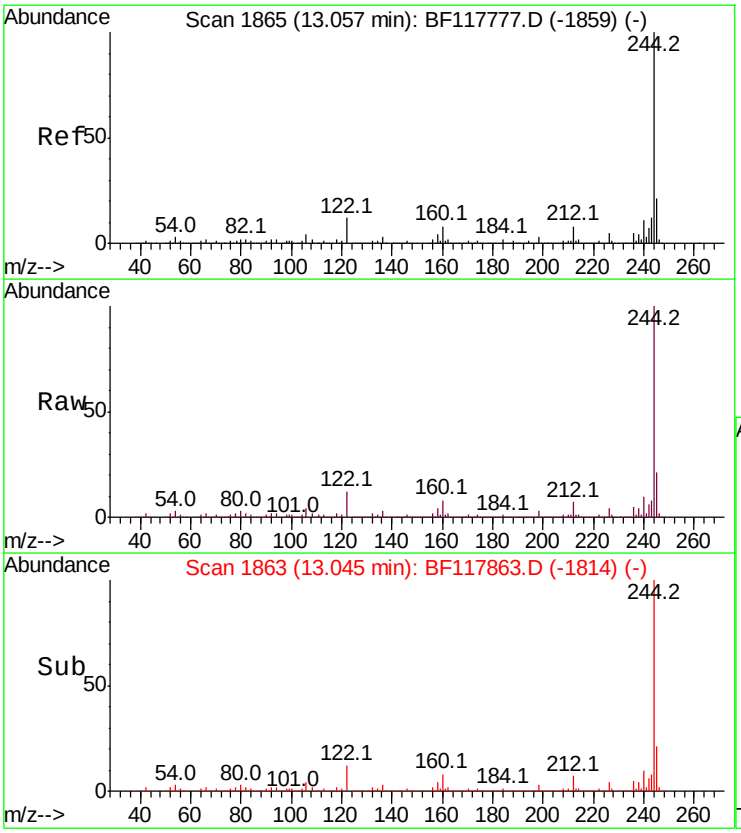
#78
Pyrene
Concen: 5.105 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 183783

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.8
203	17.5	14.6	22.0

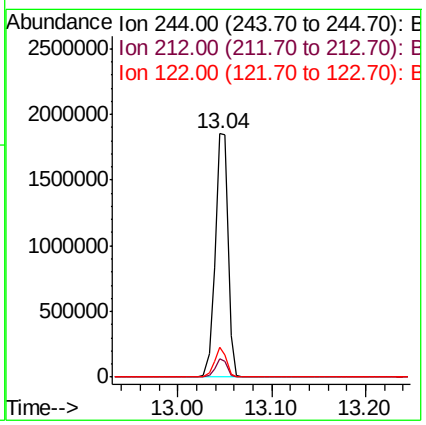


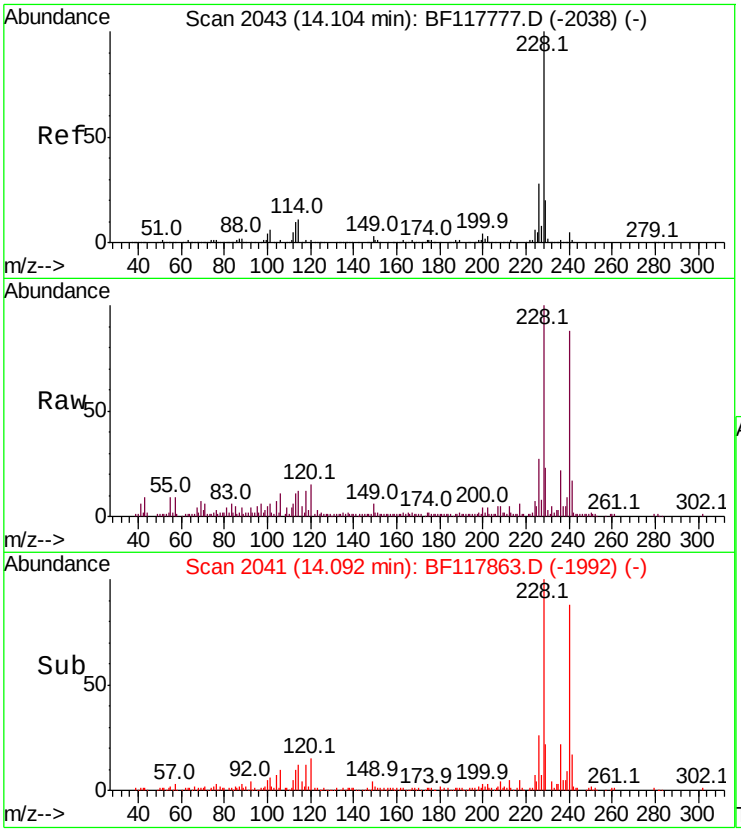


#79
Terphenyl-d14
Concen: 73.509 ng
RT: 13.04 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Tgt Ion:244 Resp: 1791675

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	12.1	9.4	14.2



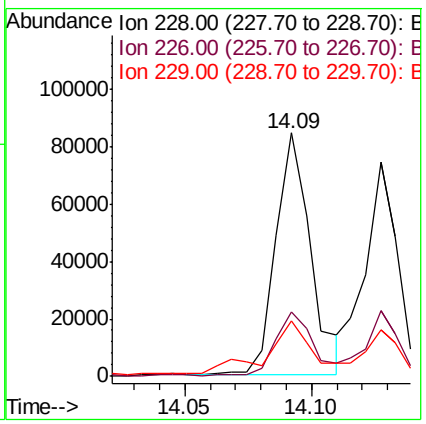


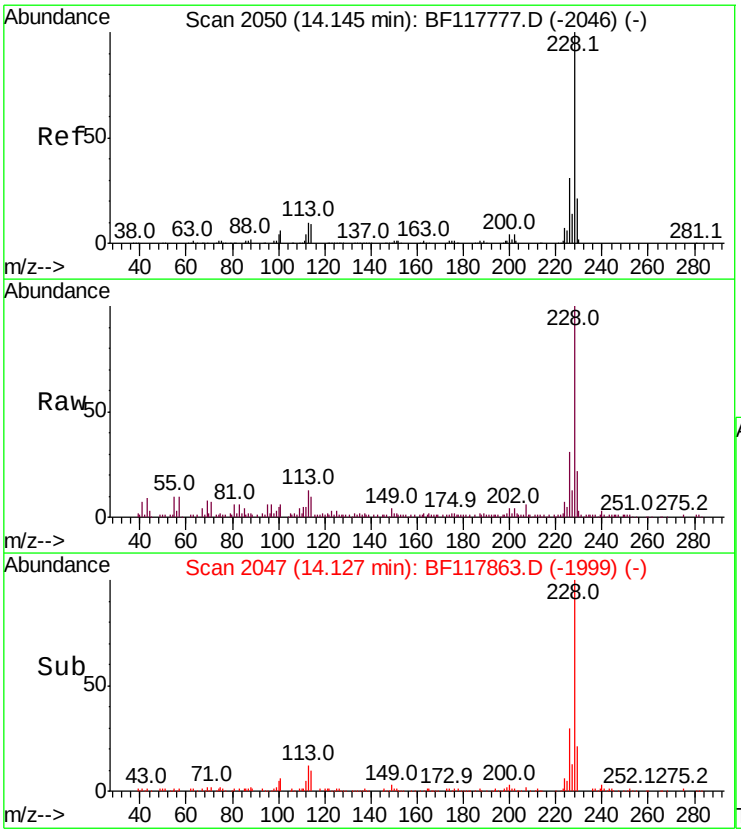
#81
Benzo(a)anthracene
Concen: 2.752 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 81018

Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.2	33.2
229	22.8	15.9	23.9

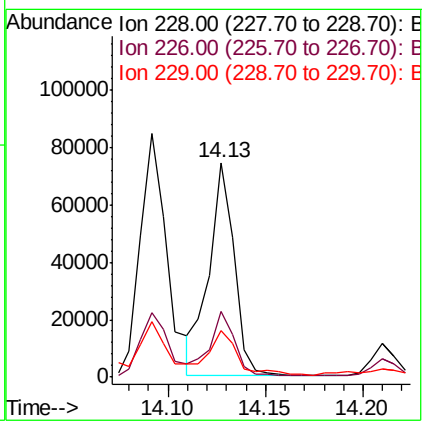


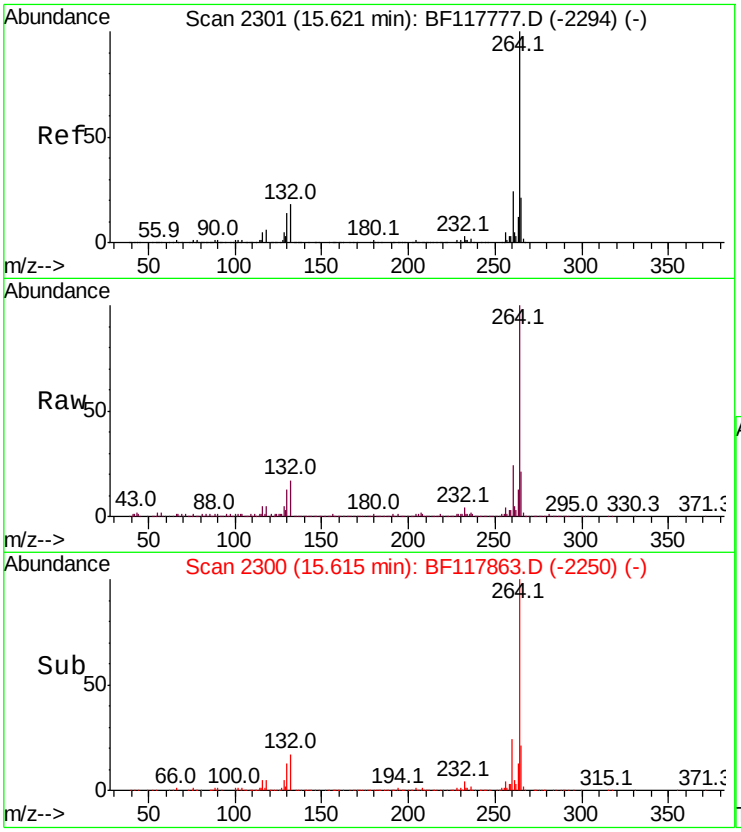


#83
Chrysene
Concen: 2.355 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Tgt Ion:228 Resp: 67187

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.4
229	21.8	16.6	25.0



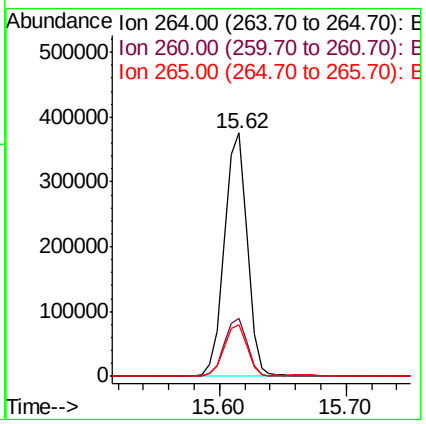


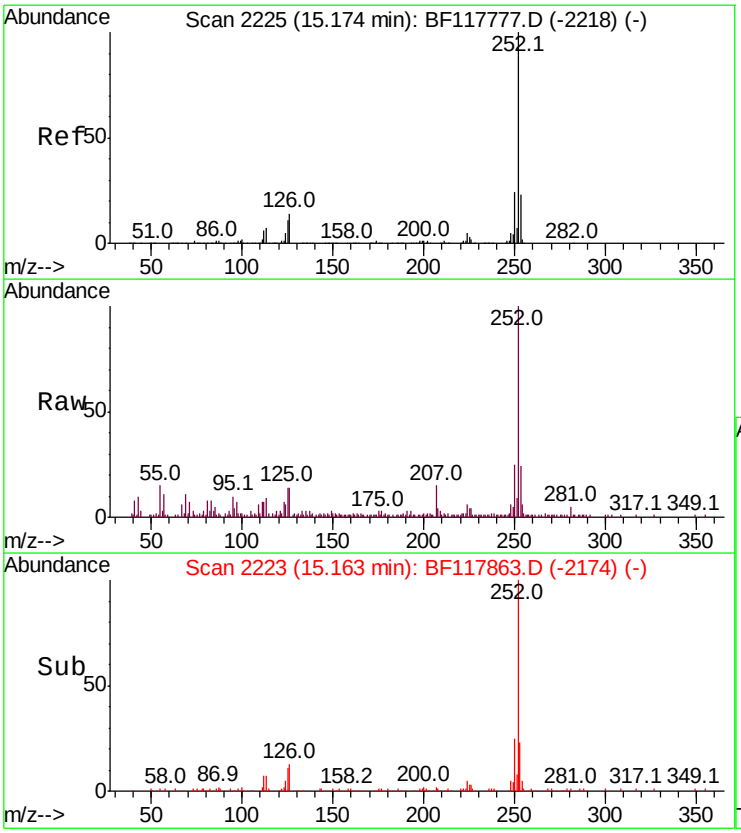
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 466853

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.1	17.1	25.7

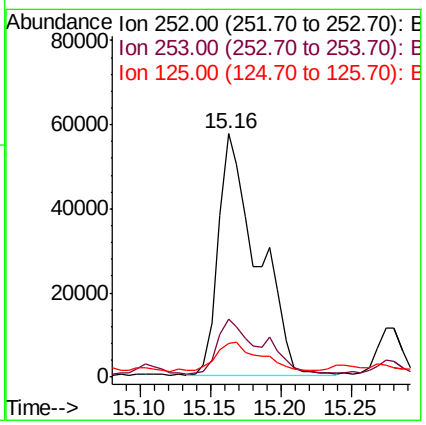


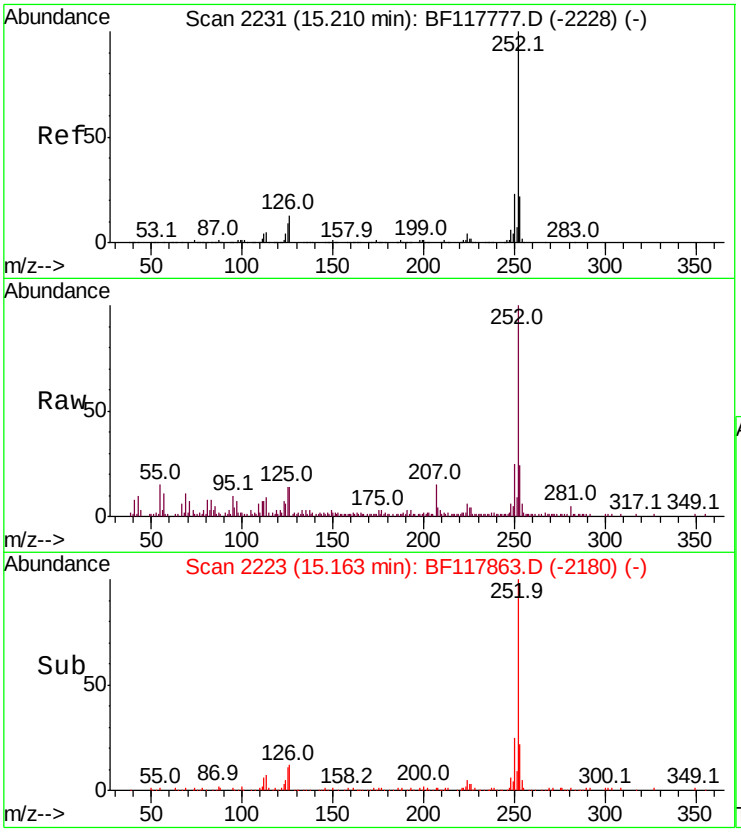


#88
Benzo(b)fluoranthene
Concen: 3.641 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Tgt Ion:252 Resp: 110441

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	14.0	8.6	13.0#



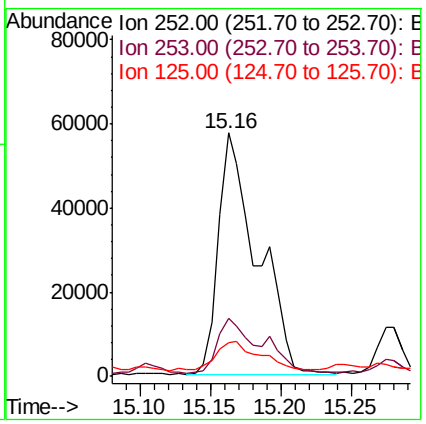


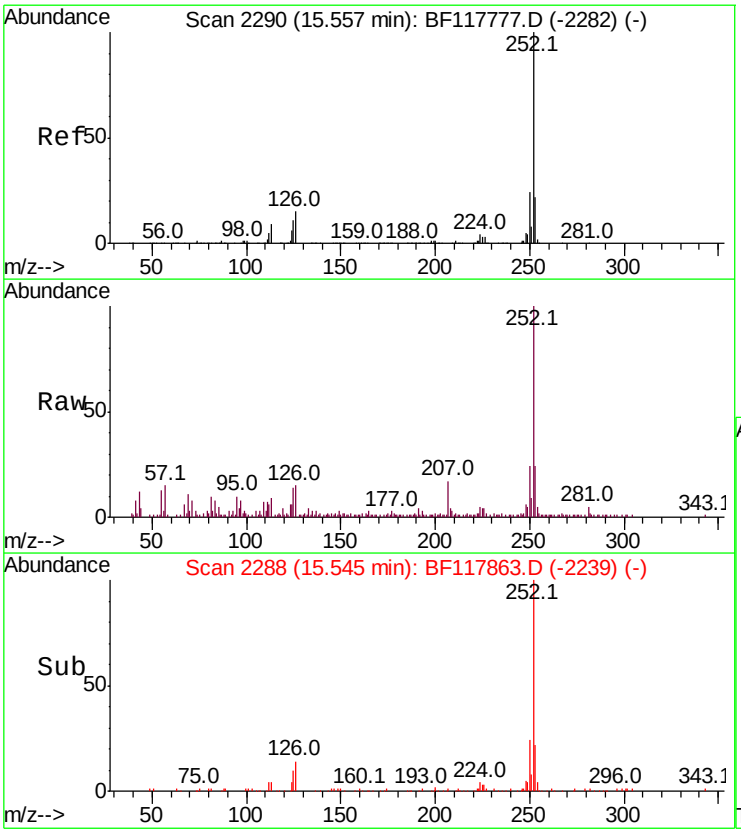
#89
Benzo(k)fluoranthene
Concen: 3.864 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.05 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 110441

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	14.0	7.9	11.9#





#90
Benzo(a)pyrene
Concen: 2.099 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Tgt Ion:252 Resp: 55983

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	14.2	9.2	13.8#