Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117968.D
Acq On : 23 Nov 2019 20:31
Operator : JU
Sample : K5865-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 25 07:54:07 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	116042	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	464163	20.00	ng		-0.03
39) Acenaphthene-d10	9.95	164	246442	20.00	ng		-0.02
64) Phenanthrene-d10	11.45	188	552719	20.00	ng		-0.02
76) Chrysene-d12	14.09	240	303045	20.00	ng		-0.02
87) Perylene-d12	15.60	264	399425	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	103187	15.74	ng		-0.02
7) Phenol-d6	6.52	99	600047	75.89	ng		-0.02
23) Nitrobenzene-d5	7.46	82	545179	69.82	ng		-0.03
42) 2,4,6-Tribromophenol	10.75	330	18118	6.94	ng		-0.02
45) 2-Fluorobiphenyl	9.27	172	1107387	80.61	ng		-0.02
79) Terphenyl-d14	13.04	244	1525695	92.01	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	1890	Below Cal			84
10) Phenol	6.53	94	19124	2.327	ng		97
25) Isophorone	7.46	82	545176	38.094	ng	#	62
50) Dimethylphthalate	9.66	163	224954	13.017	ng		97
57) 2,4-Dinitrotoluene	9.95	165	32439	6.752	ng	#	25
71) Phenanthrene	11.47	178	141459	5.090	ng		96
74) Di-n-butylphthalate	12.00	149	64522	2.152	ng		98
75) Fluoranthene	12.66	202	175915	Below Cal			99
78) Pyrene	12.89	202	159853	6.527	ng		98
81) Benzo(a)anthracene	14.08	228	63172	3.155	ng		99
83) Chrysene	14.12	228	56840	2.929	ng		97
88) Benzo(b)fluoranthene	15.15	252	85309	3.287	ng	#	94
89) Benzo(k)fluoranthene	15.15	252	85309	3.489	ng	#	92
90) Benzo(a)pyrene	15.53	252	51400	2.252	ng	#	90

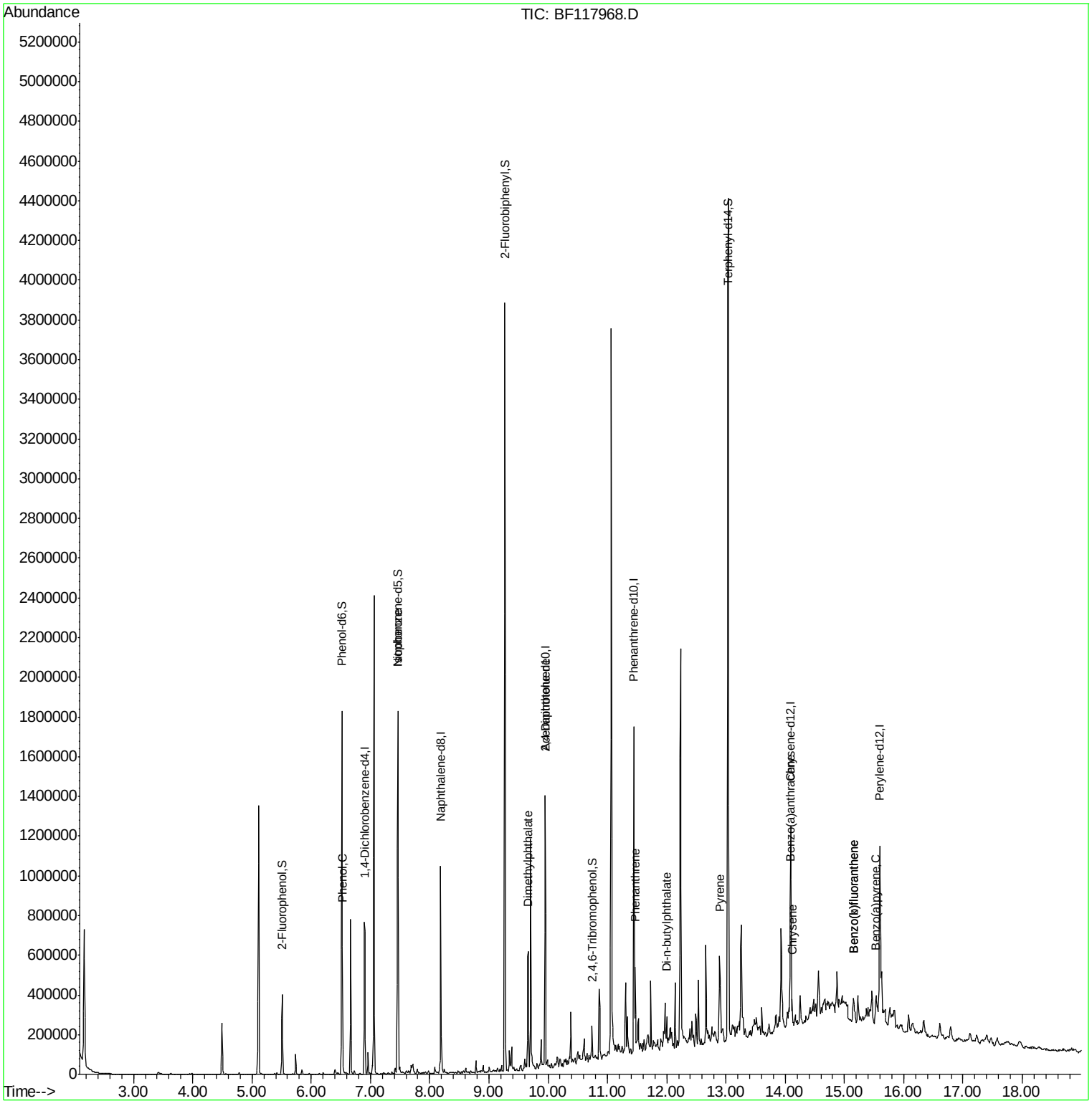
(#) = qualifier out of range (m) = manual integration (+) = signals summed

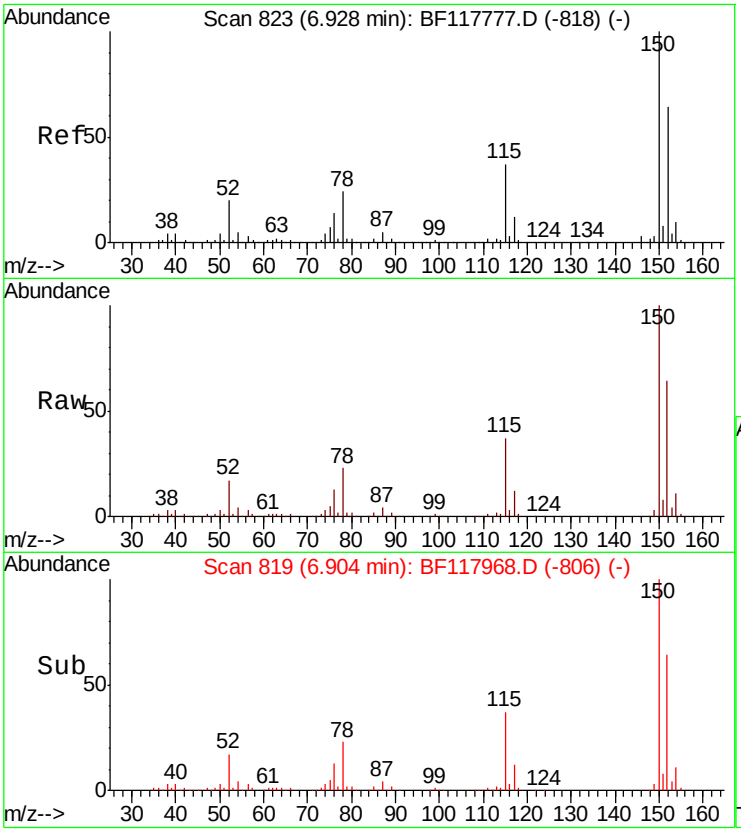
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117968.D
Acq On : 23 Nov 2019 20:31
Operator : JU
Sample : K5865-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 25 07:54:07 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



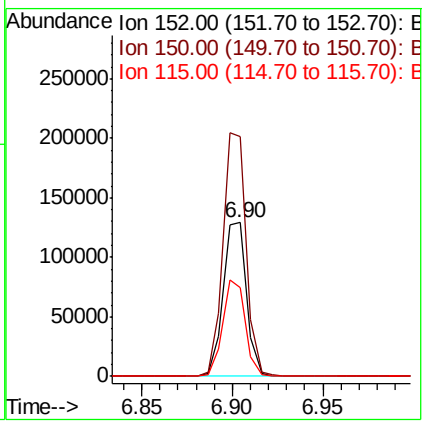


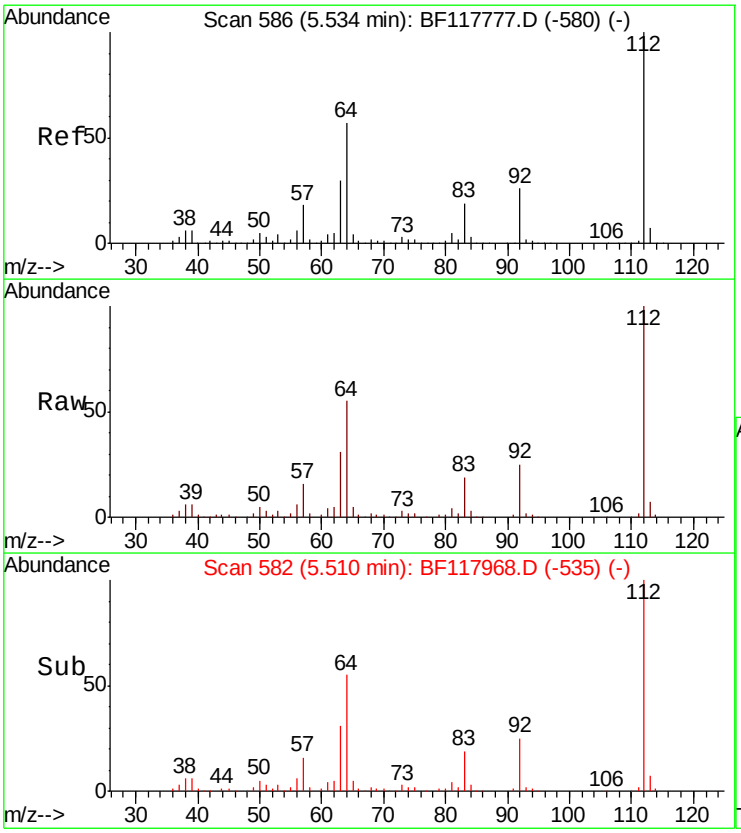
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 116042

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.3	187.9
115	57.3	47.0	70.4

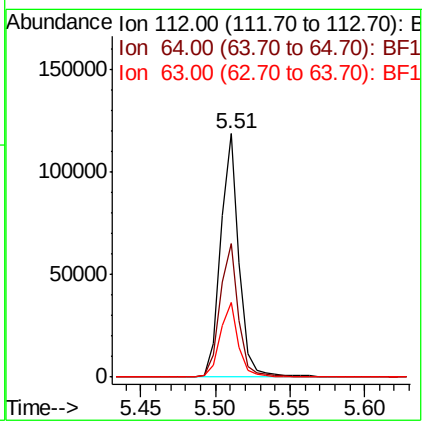


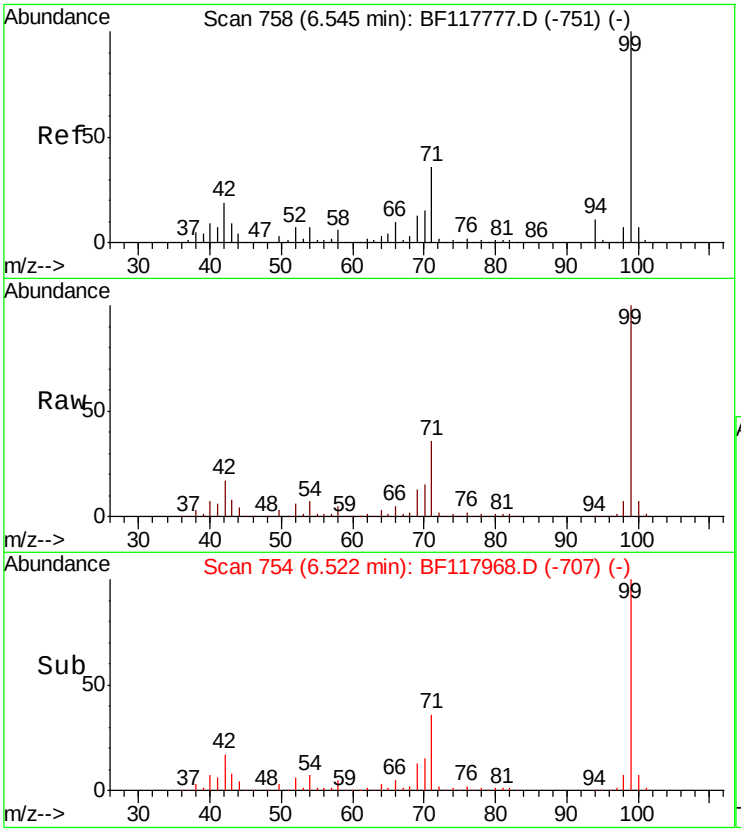


#5
2-Fluorophenol
Concen: 15.740 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Tgt Ion:112 Resp: 103187

Ion	Ratio	Lower	Upper
112	100		
64	54.7	45.6	68.4
63	30.7	24.1	36.1



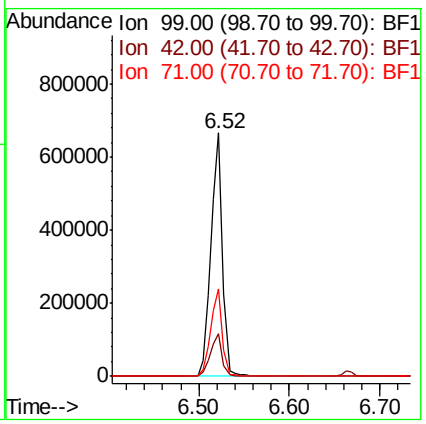


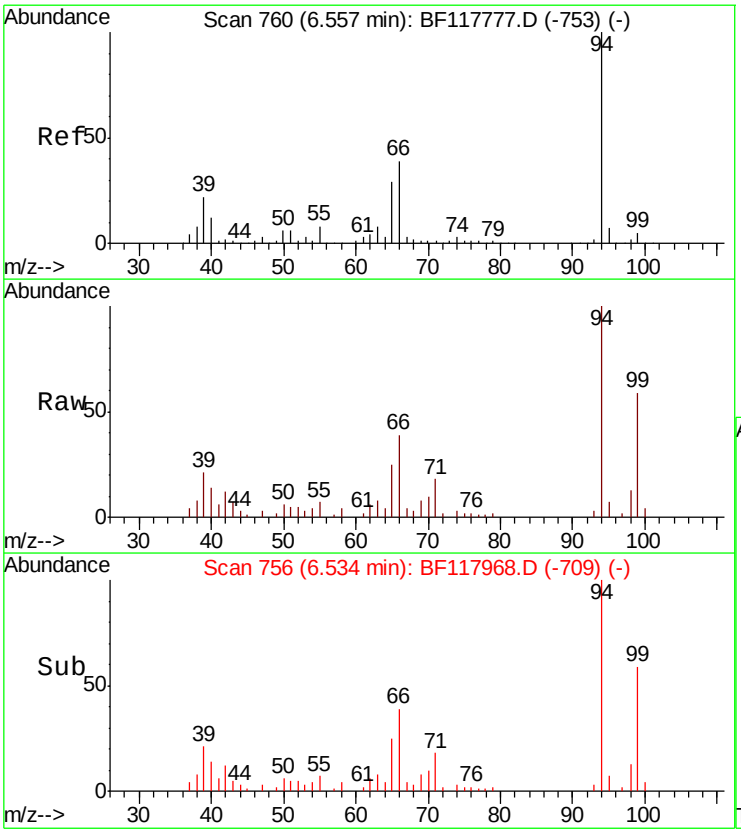
#7
Phenol-d6
Concen: 75.886 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 600047

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.9	22.3
71	35.8	28.6	43.0

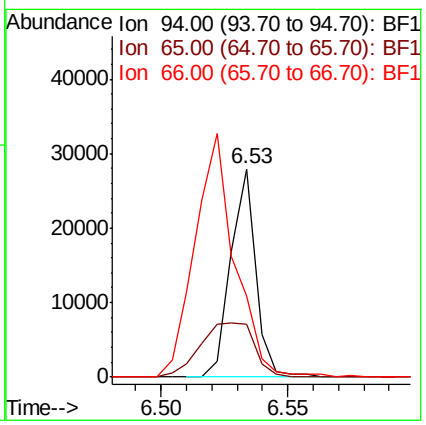


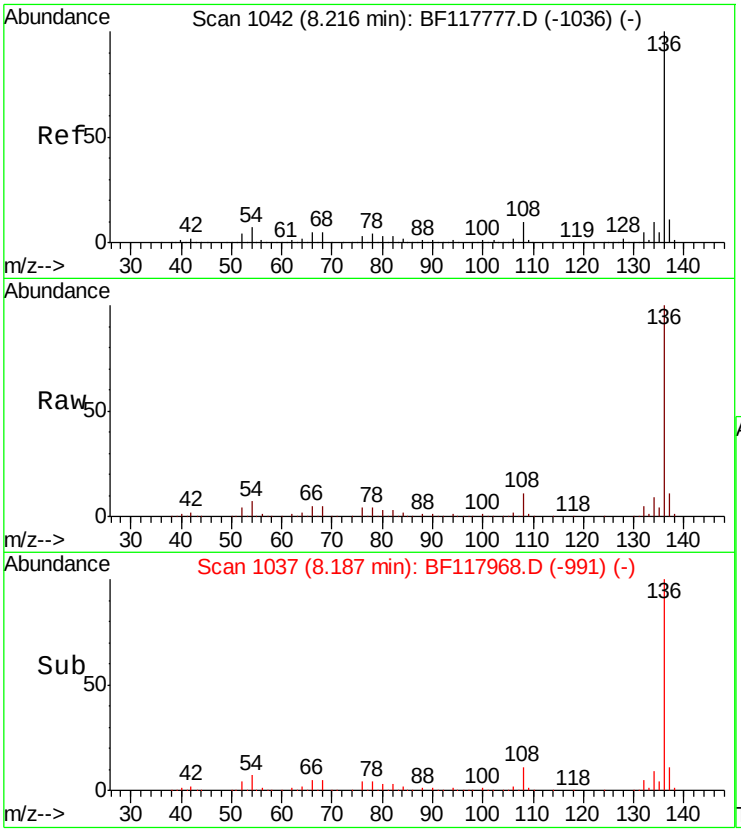


#10
Phenol
Concen: 2.327 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Tgt Ion: 94 Resp: 19124

Ion	Ratio	Lower	Upper
94	100		
65	25.2	8.9	48.9
66	39.1	18.7	58.7



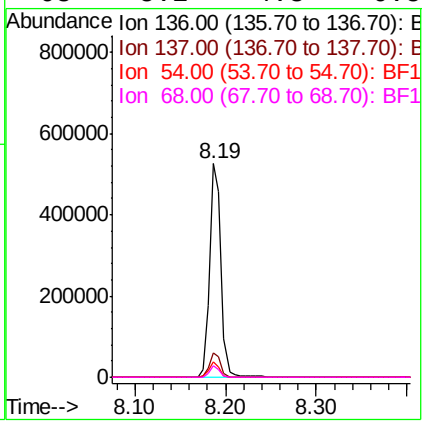


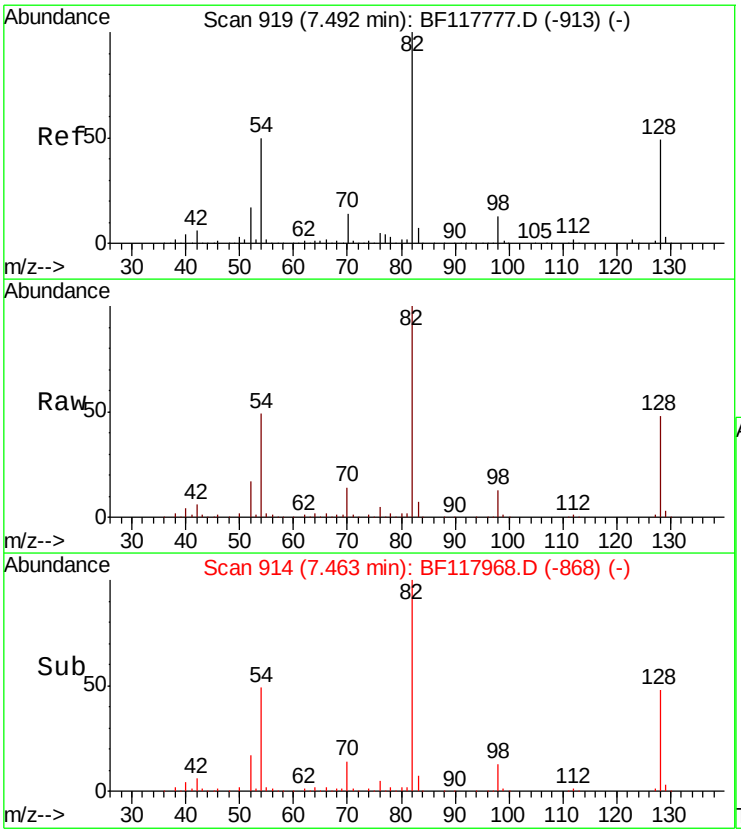
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 464163

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.0	5.4	8.2
68	5.2	4.3	6.5

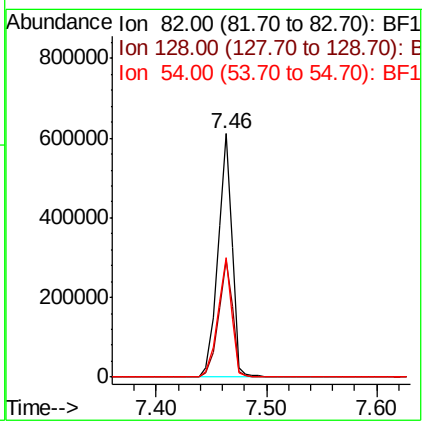


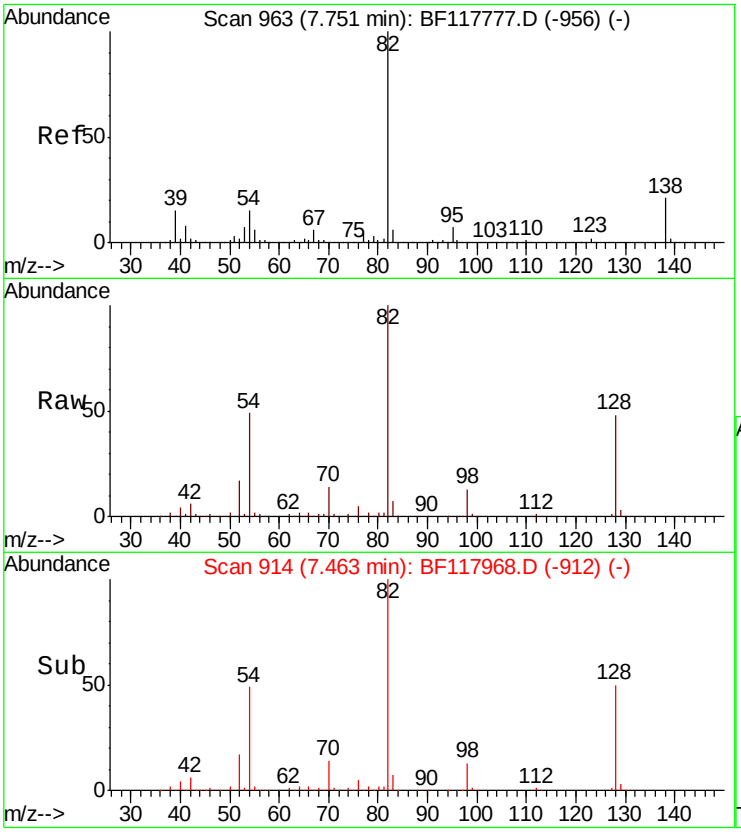


#23
Nitrobenzene-d5
Concen: 69.822 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Tgt Ion: 82 Resp: 545179

Ion	Ratio	Lower	Upper
82	100		
128	48.0	38.9	58.3
54	49.0	39.8	59.6



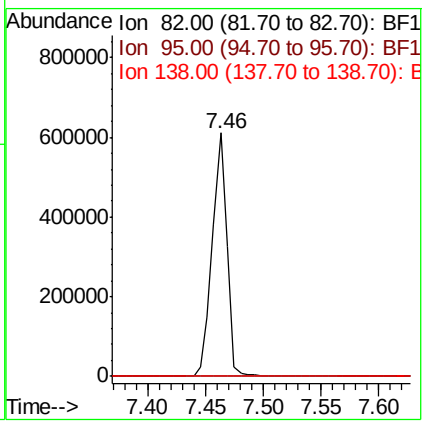


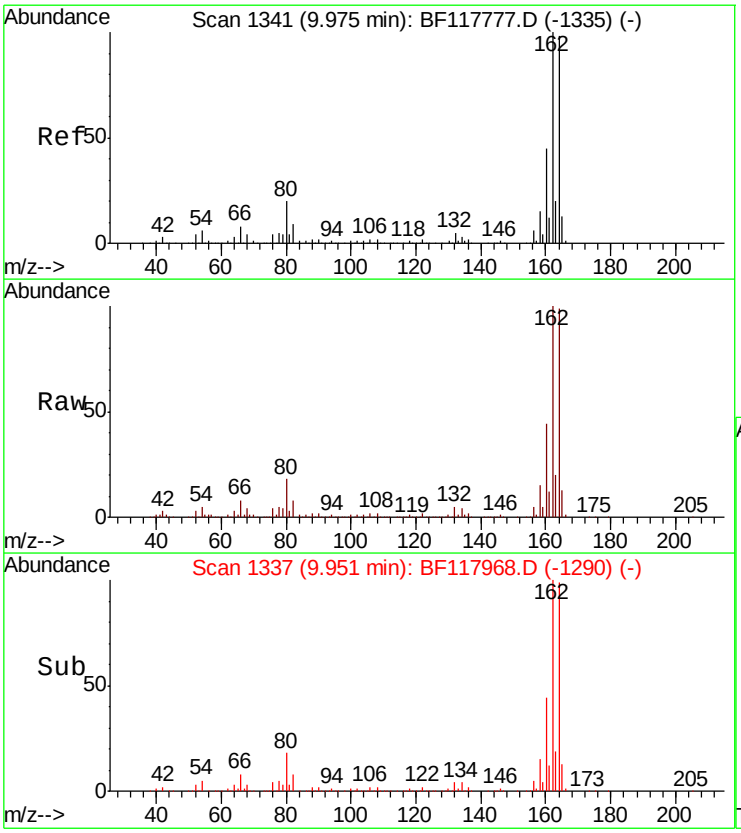
#25
Isophorone
Concen: 38.094 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.29 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 545176

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

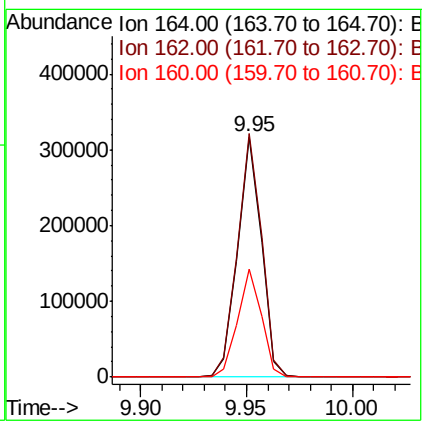


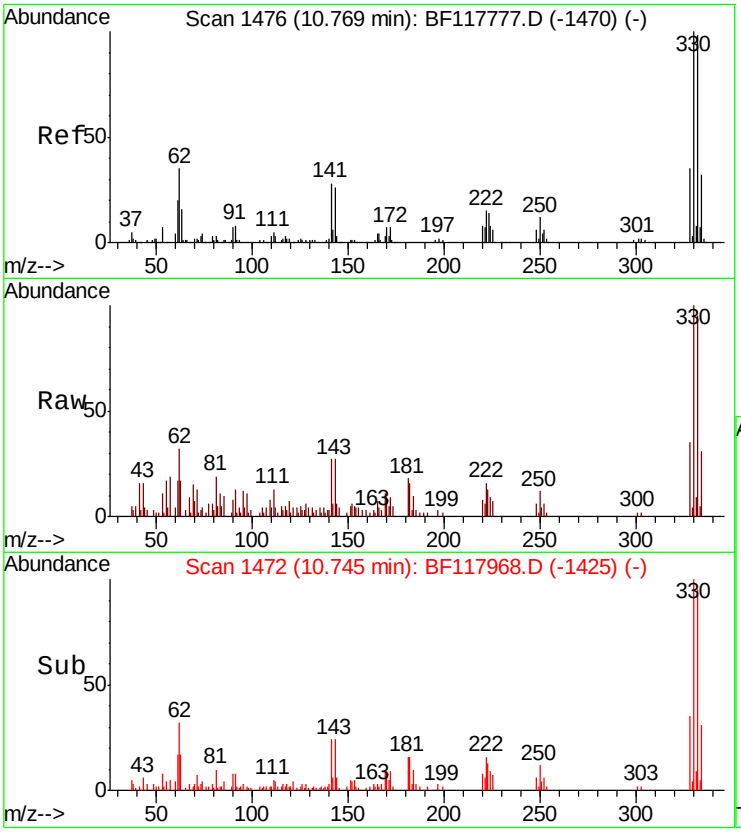


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Tgt Ion:164 Resp: 246442

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.3	121.9
160	45.0	36.6	55.0



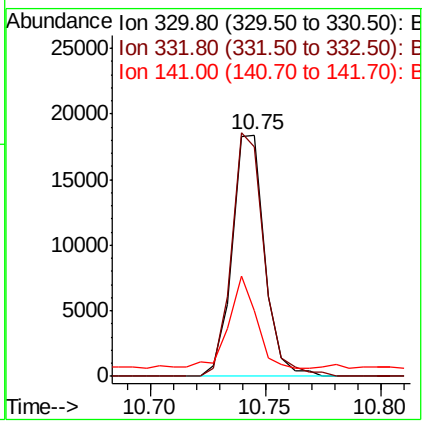


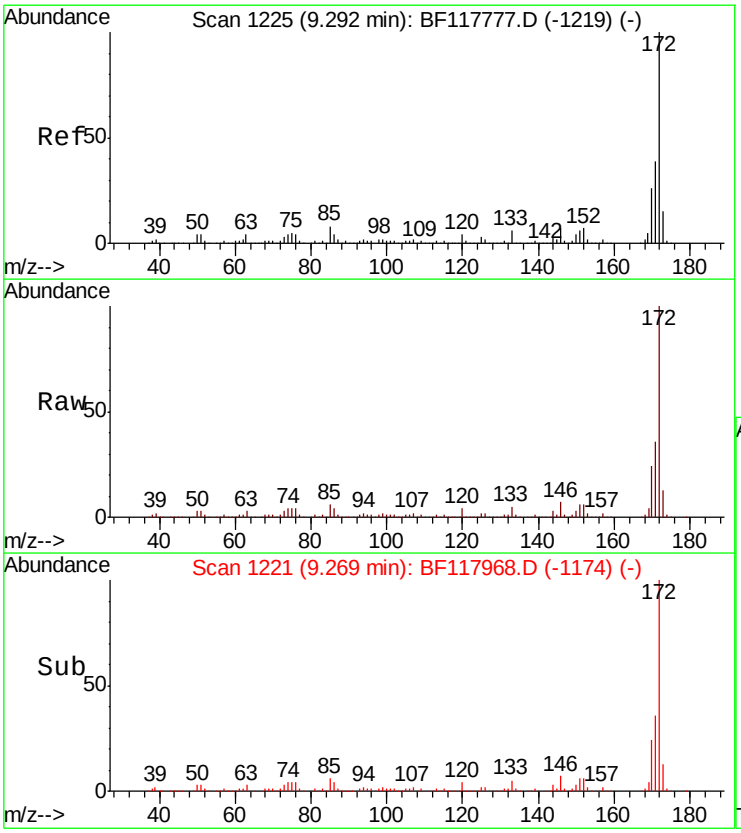
#42
2,4,6-Tribromophenol
Concen: 6.944 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 18118

Ion	Ratio	Lower	Upper
330	100		
332	100.4	76.7	115.1
141	31.6	27.7	41.5

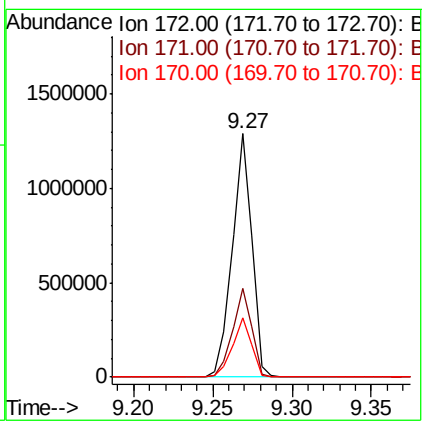


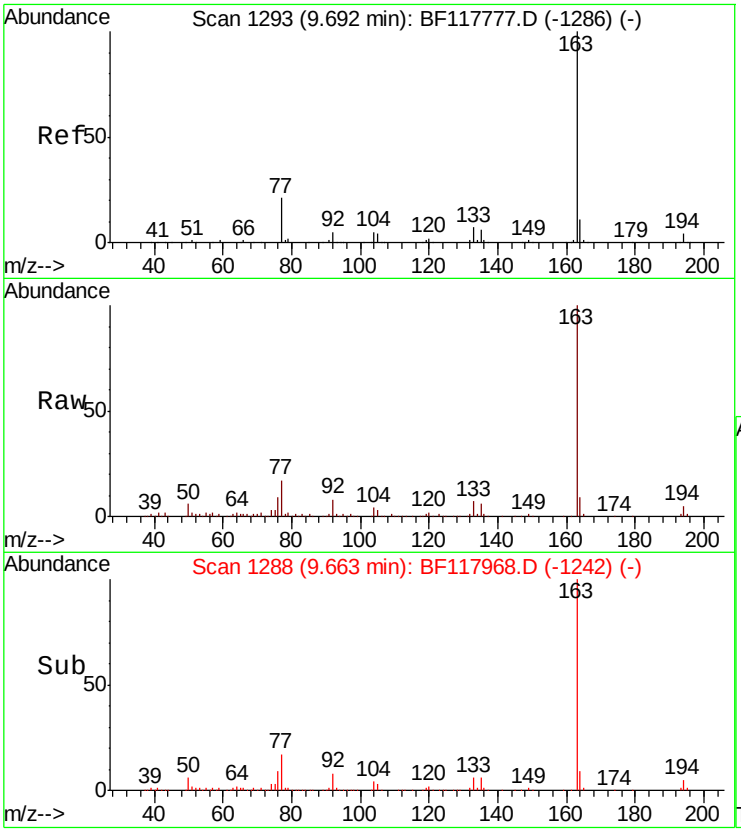


#45
2-Fluorobiphenyl
Concen: 80.615 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Tgt Ion:172 Resp: 1107387

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.9	46.3
170	24.3	21.0	31.4



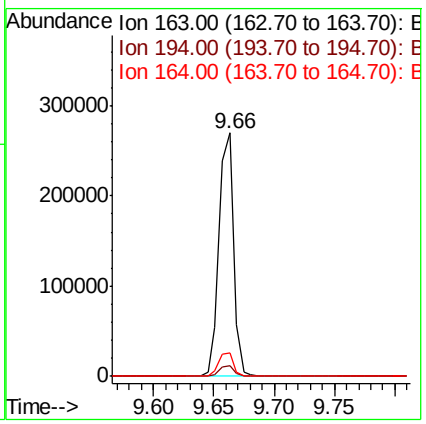


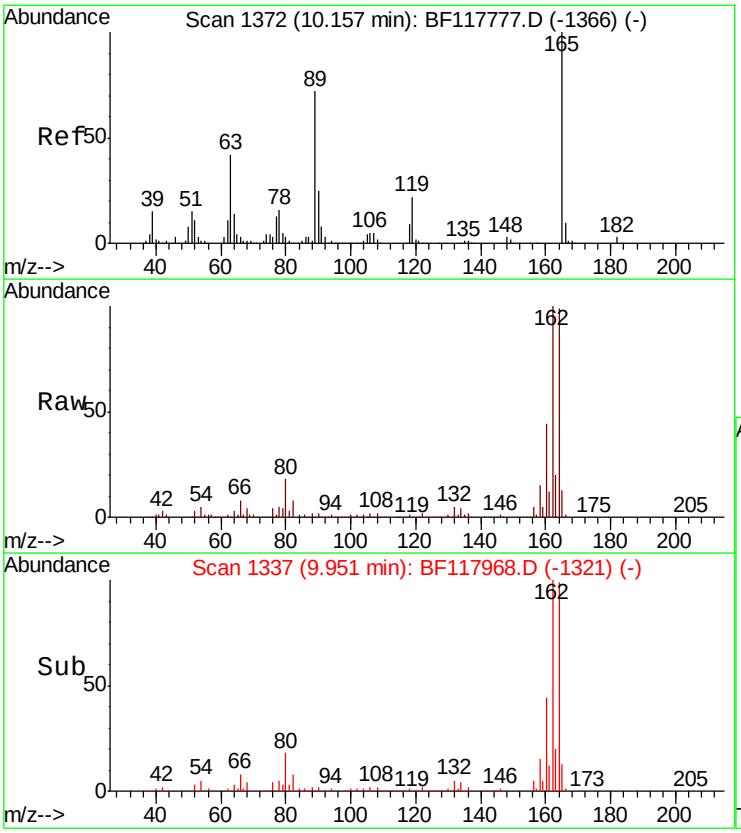
#50
Dimethylphthalate
Concen: 13.017 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 224954

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.3	4.9
164	9.5	8.7	13.1

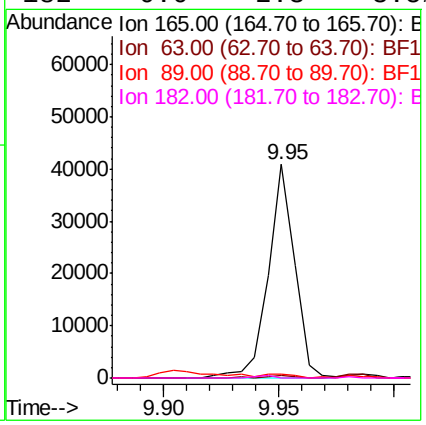


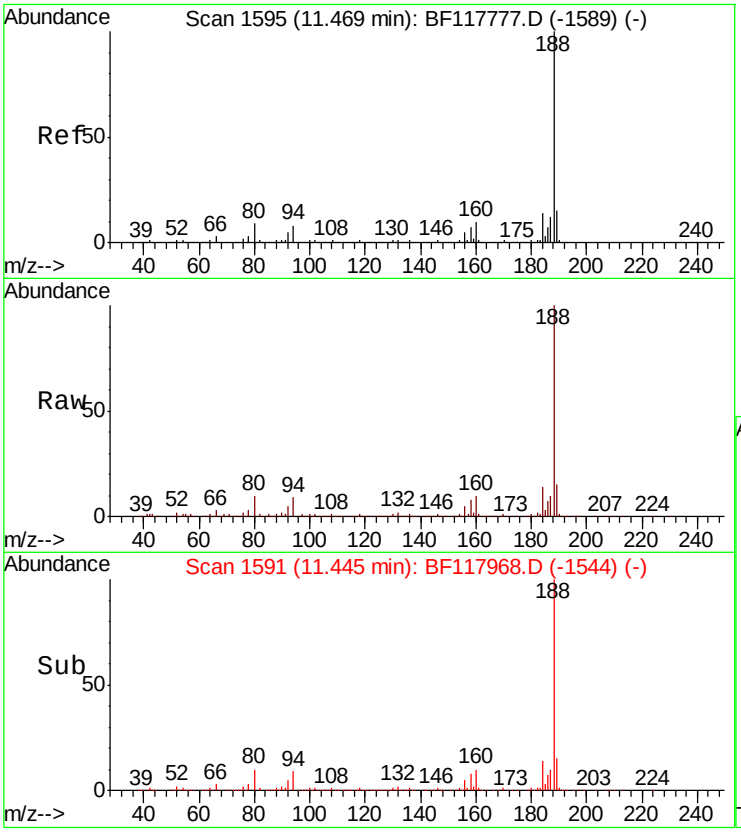


#57
2,4-Dinitrotoluene
Concen: 6.752 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.21 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Tgt Ion:165 Resp: 32439

Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.7	50.5#
89	2.0	57.3	85.9#
182	0.0	2.3	3.5#



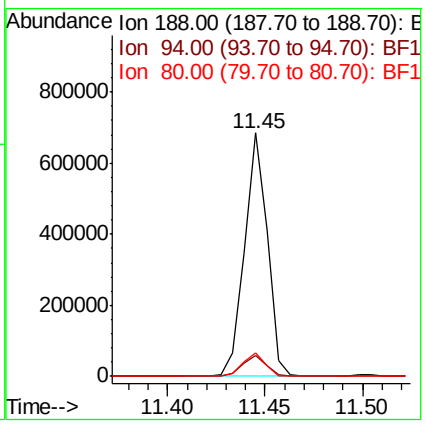


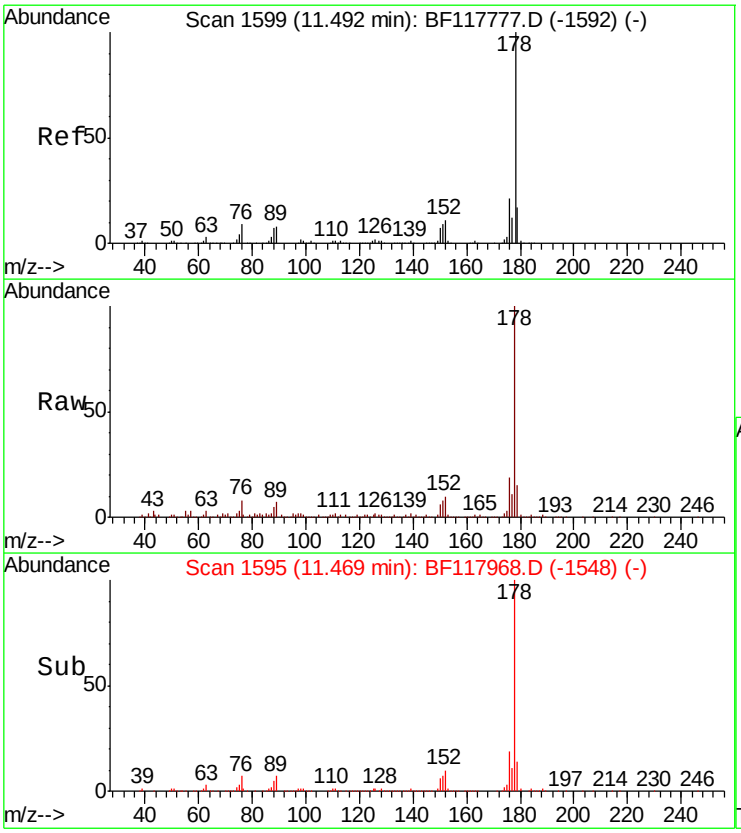
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 552719

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.6	10.0
80	9.6	7.2	10.8

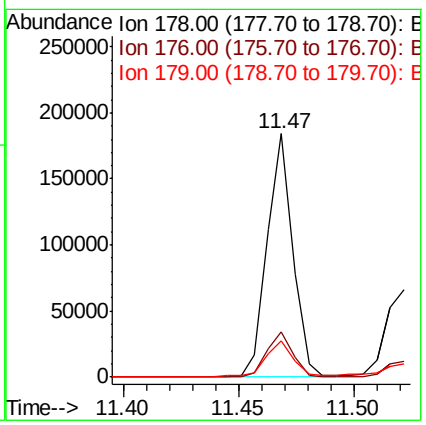


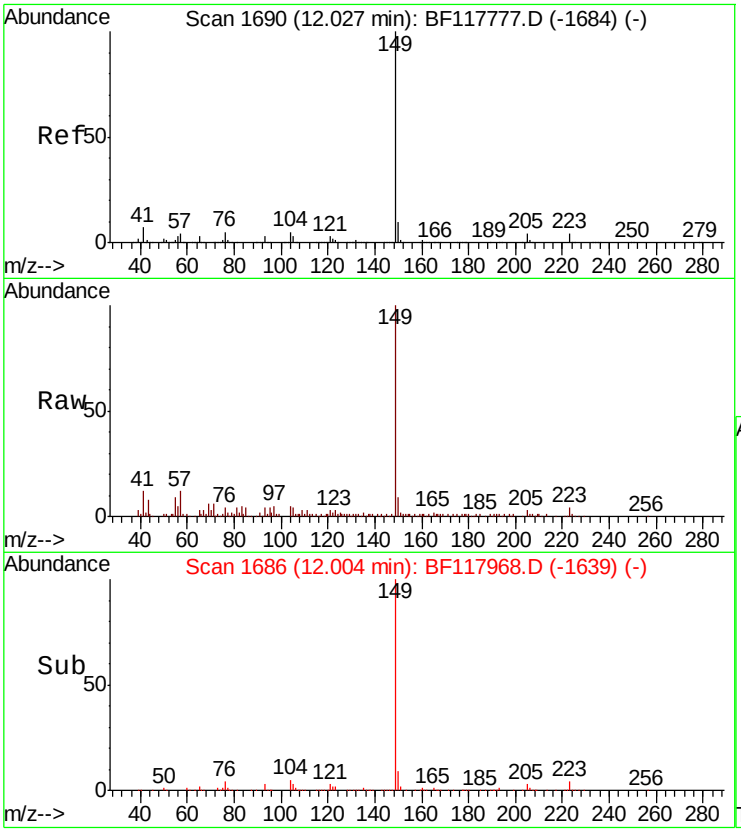


#71
Phenanthrene
Concen: 5.090 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Tgt Ion:178 Resp: 141459

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.6	25.0
179	14.8	13.2	19.8



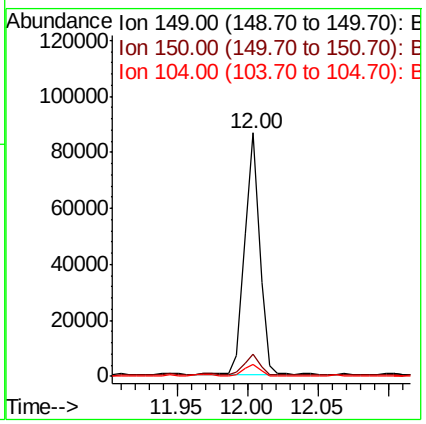


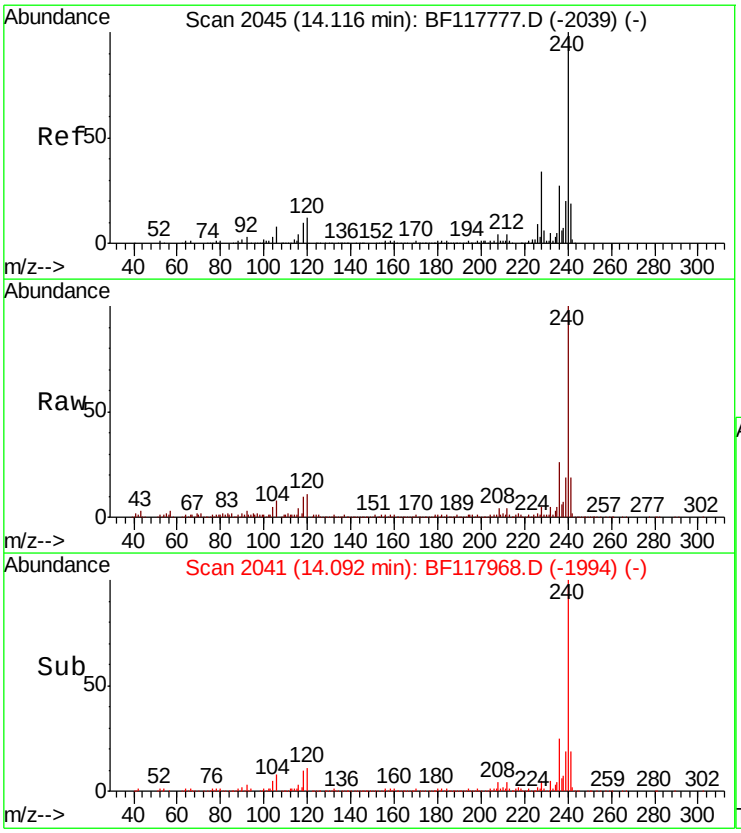
#74
Di-n-butylphthalate
Concen: 2.152 ng
RT: 12.00 min Scan# 1686
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 64522

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	4.7	4.2	6.4

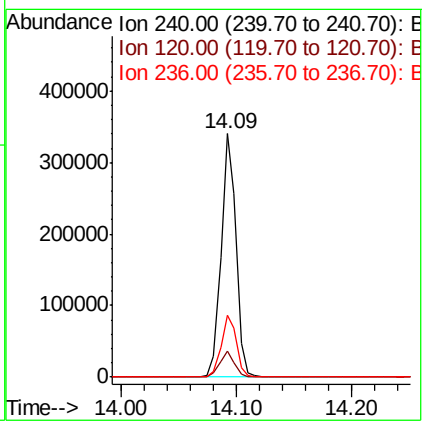


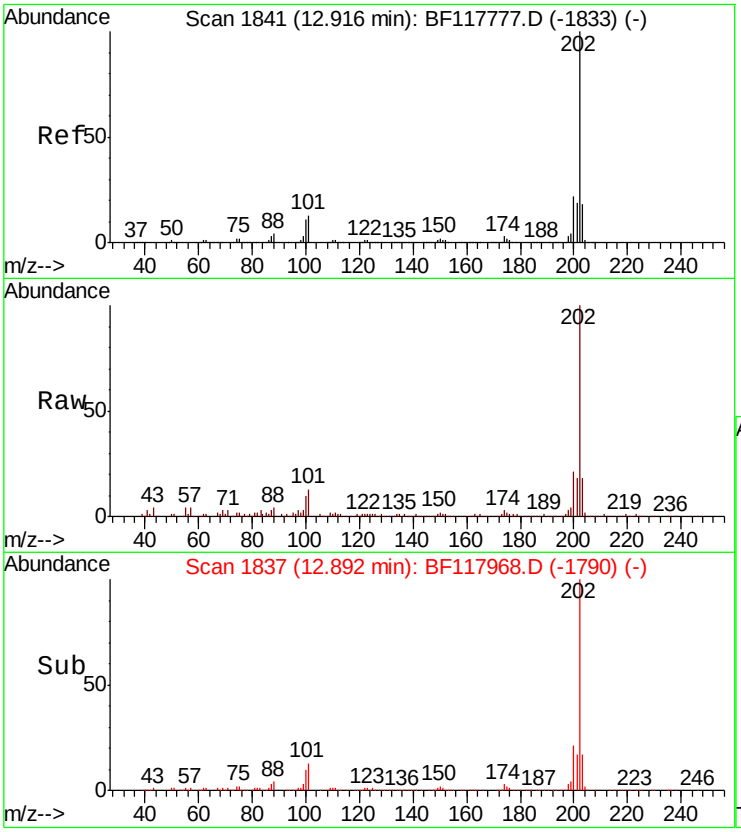


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Tgt Ion:240 Resp: 303045

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	25.5	21.3	31.9



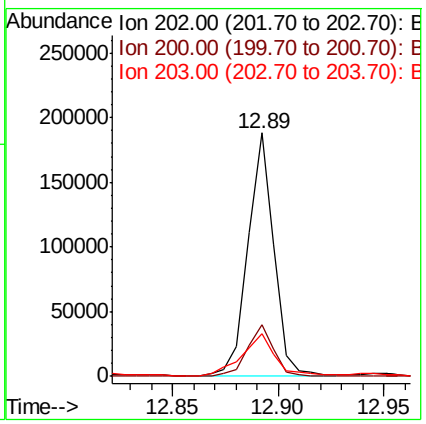


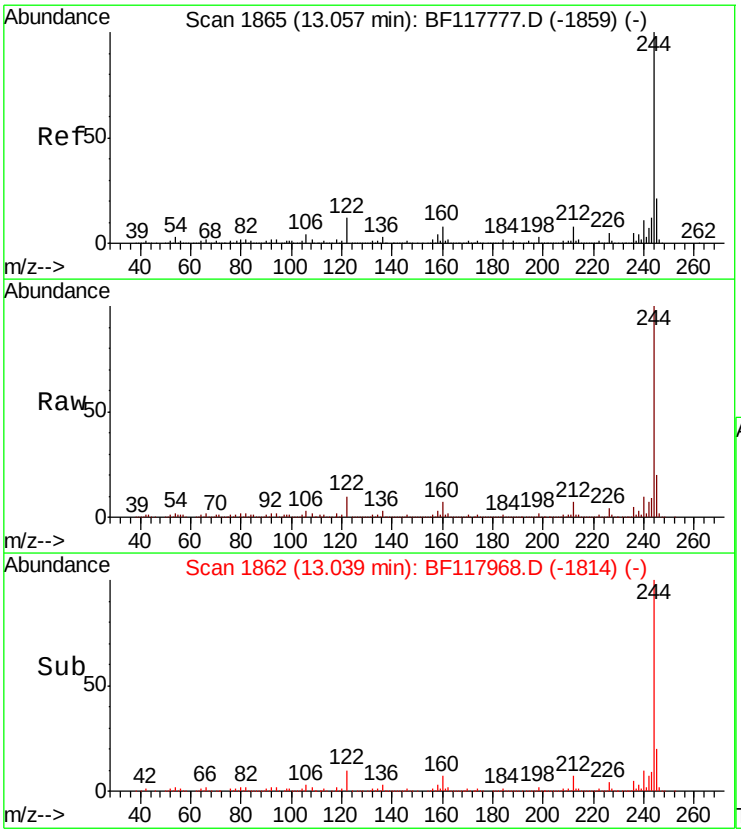
#78
Pyrene
Concen: 6.527 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 159853

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.8
203	17.6	14.6	22.0

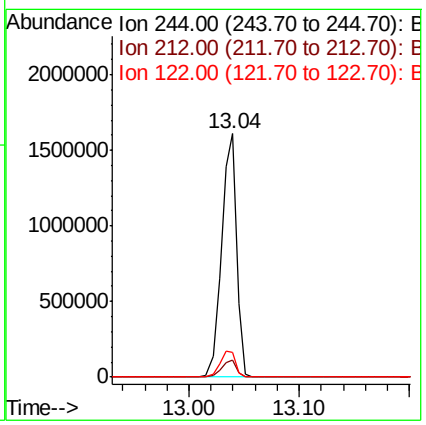


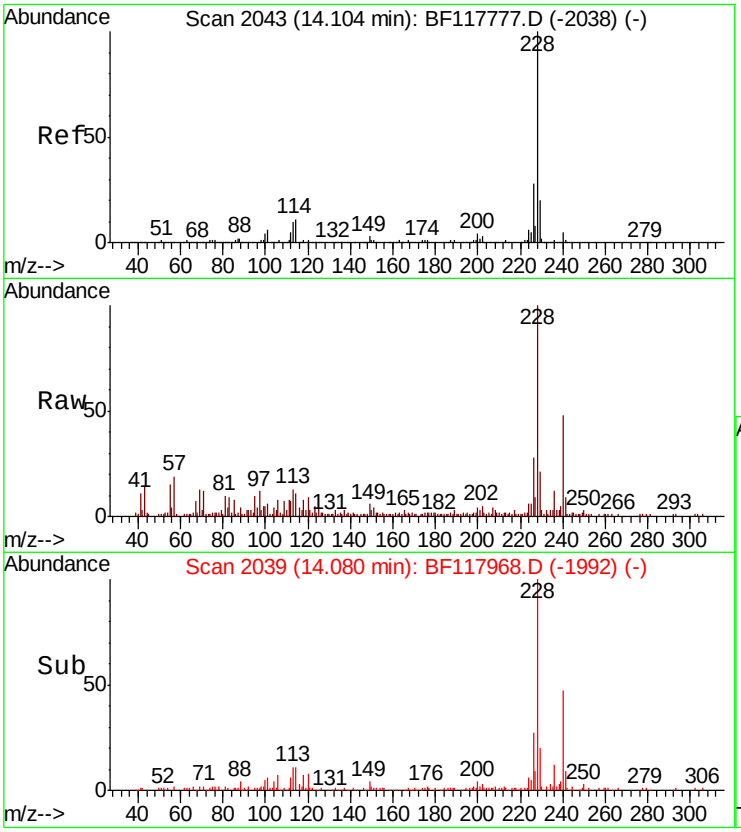


#79
Terphenyl-d14
Concen: 92.012 ng
RT: 13.04 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Tgt Ion:244 Resp: 1525695

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.3	9.5
122	9.9	9.4	14.2



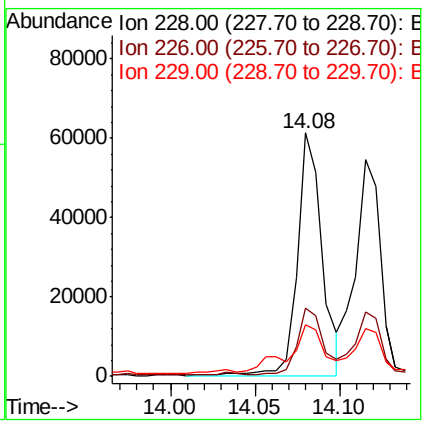


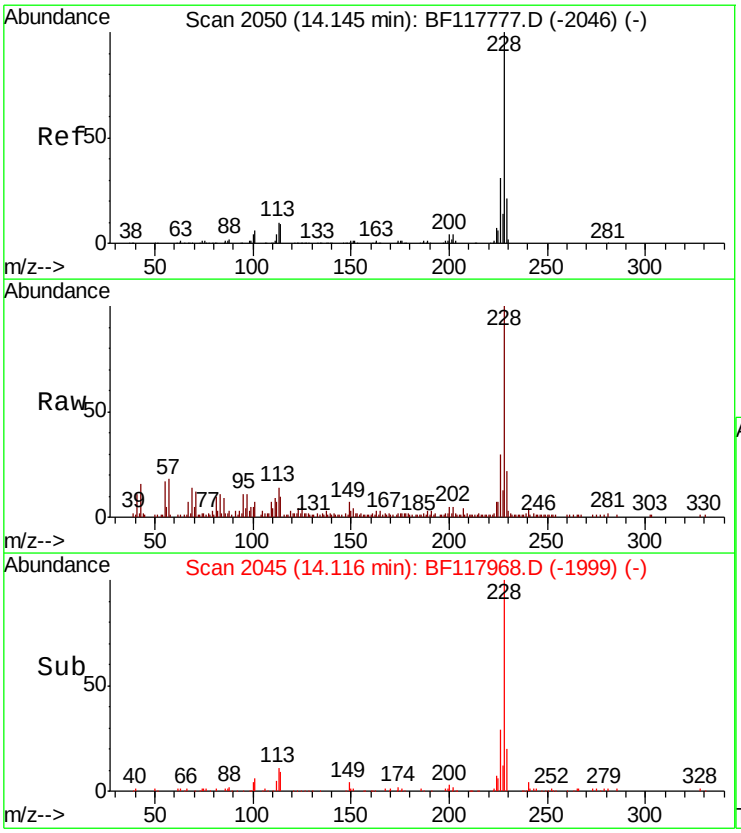
#81
Benzo(a)anthracene
Concen: 3.155 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 63172

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.2
229	21.0	15.9	23.9

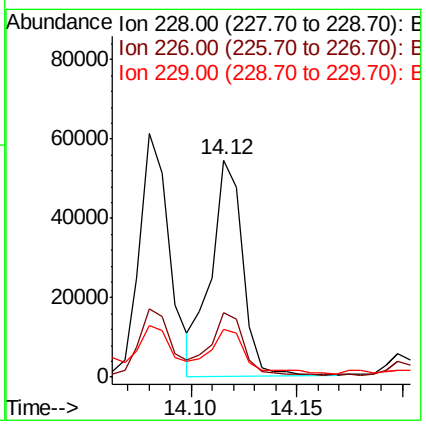


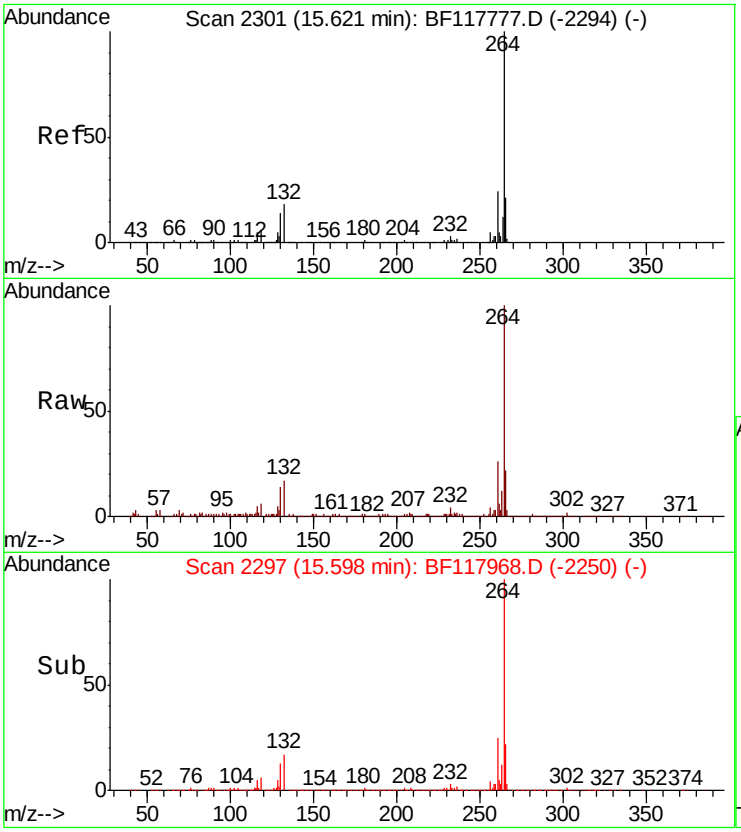


#83
Chrysene
Concen: 2.929 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.03 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Tgt Ion:228 Resp: 56840

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.4
229	22.1	16.6	25.0



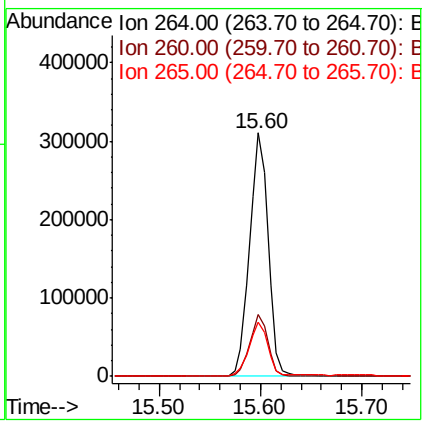


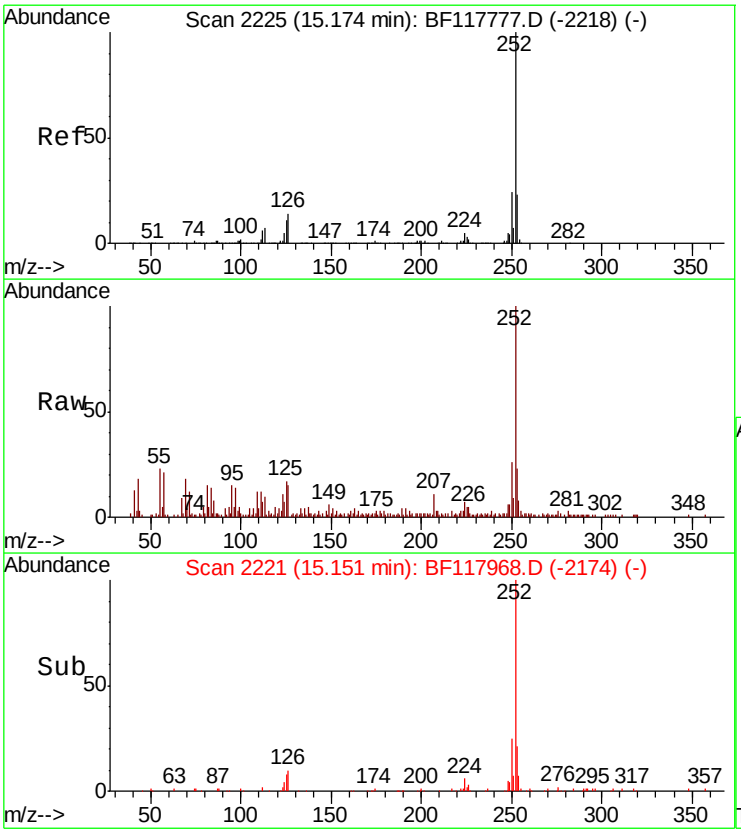
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 399425

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.4	29.0
265	22.5	17.1	25.7

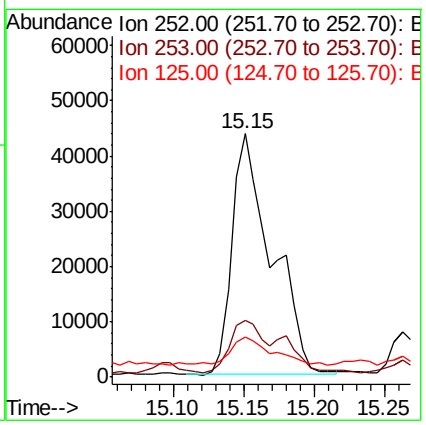


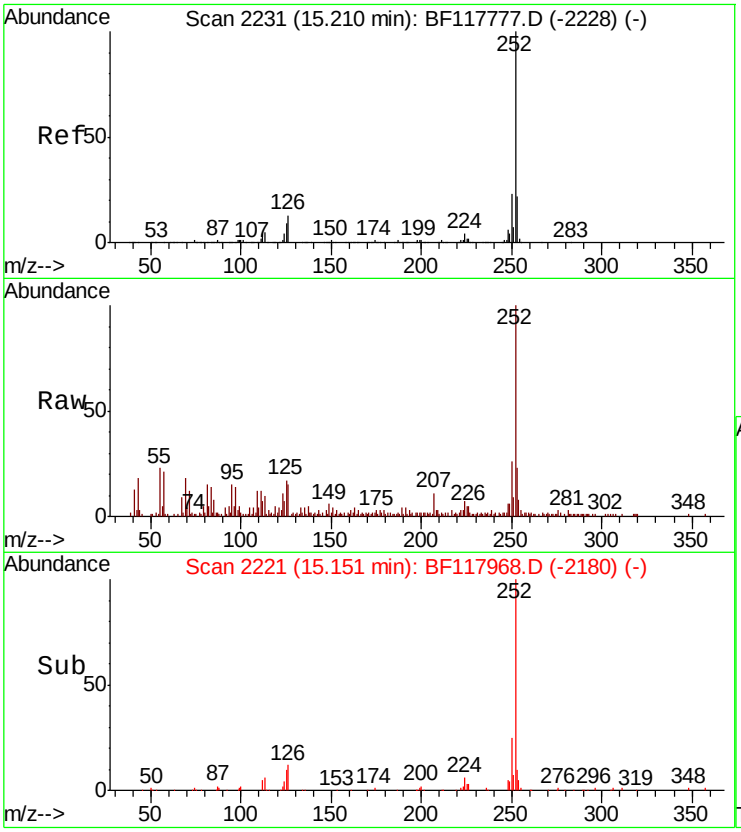


#88
Benzo(b)fluoranthene
Concen: 3.287 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Tgt Ion:252 Resp: 85309

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	16.5	8.6	13.0#



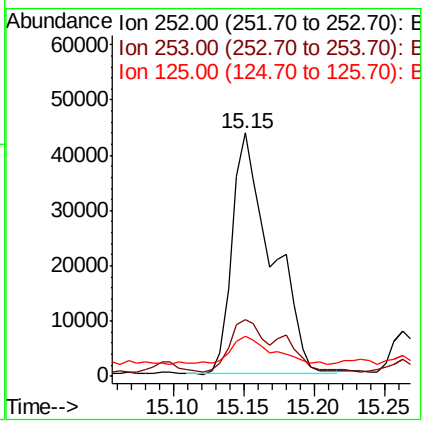


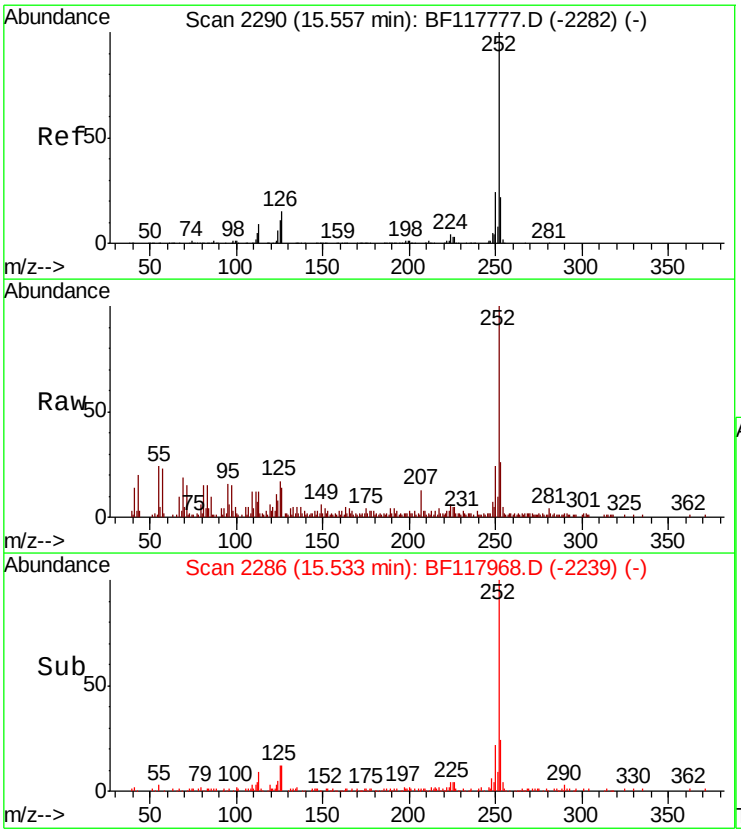
#89
Benzo(k)fluoranthene
Concen: 3.489 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.06 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 85309

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	16.5	7.9	11.9#





#90
Benzo(a)pyrene
Concen: 2.252 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Tgt Ion:252 Resp: 51400

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.8	26.6
125	17.4	9.2	13.8#