Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108894.D
Acq On : 10 Sep 2018 15:50
Operator : JU/SJ
Sample : J4777-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 10 16:34:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	202873	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	736774	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	305188	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	482790	20.00	ng		0.00
75) Chrysene-d12	13.88	240	512187	20.00	ng		0.01
86) Perylene-d12	15.29	264	422923	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	258841	21.14	ng		0.00
7) Phenol-d6	6.37	99	321056	20.38	ng		0.00
23) Nitrobenzene-d5	7.29	82	181628	15.43	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	50692	17.40	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	334390	18.69	ng		0.00
78) Terphenyl-d14	12.82	244	263371	11.99	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	23700	2.164	ng	#	82
25) Isophorone	7.29	82	181486	7.728	ng	#	64
49) Dimethylphthalate	9.48	163	76438	3.581	ng		98
50) 2,6-Dinitrotoluene	9.77	165	38564	9.481	ng	#	26
56) 2,4-Dinitrotoluene	9.77	165	38564	7.414	ng	#	23
70) Phenanthrene	11.27	178	115946	5.029	ng		98
74) Fluoranthene	12.45	202	255360	11.187	ng		97
77) Pyrene	12.68	202	257171	6.525	ng		98
80) Benzo(a)anthracene	13.87	228	144964	4.416	ng		96
82) Chrysene	13.90	228	141699	4.459	ng		96
87) Benzo(b)fluoranthene	14.88	252	215335	9.364	ng	#	91
88) Benzo(k)fluoranthene	14.88	252	215335	10.168	ng	#	94
89) Benzo(a)pyrene	15.22	252	105058	5.063	ng	#	90
91) Benzo(g,h,i)perylene	17.05	276	44949	2.455	ng		93

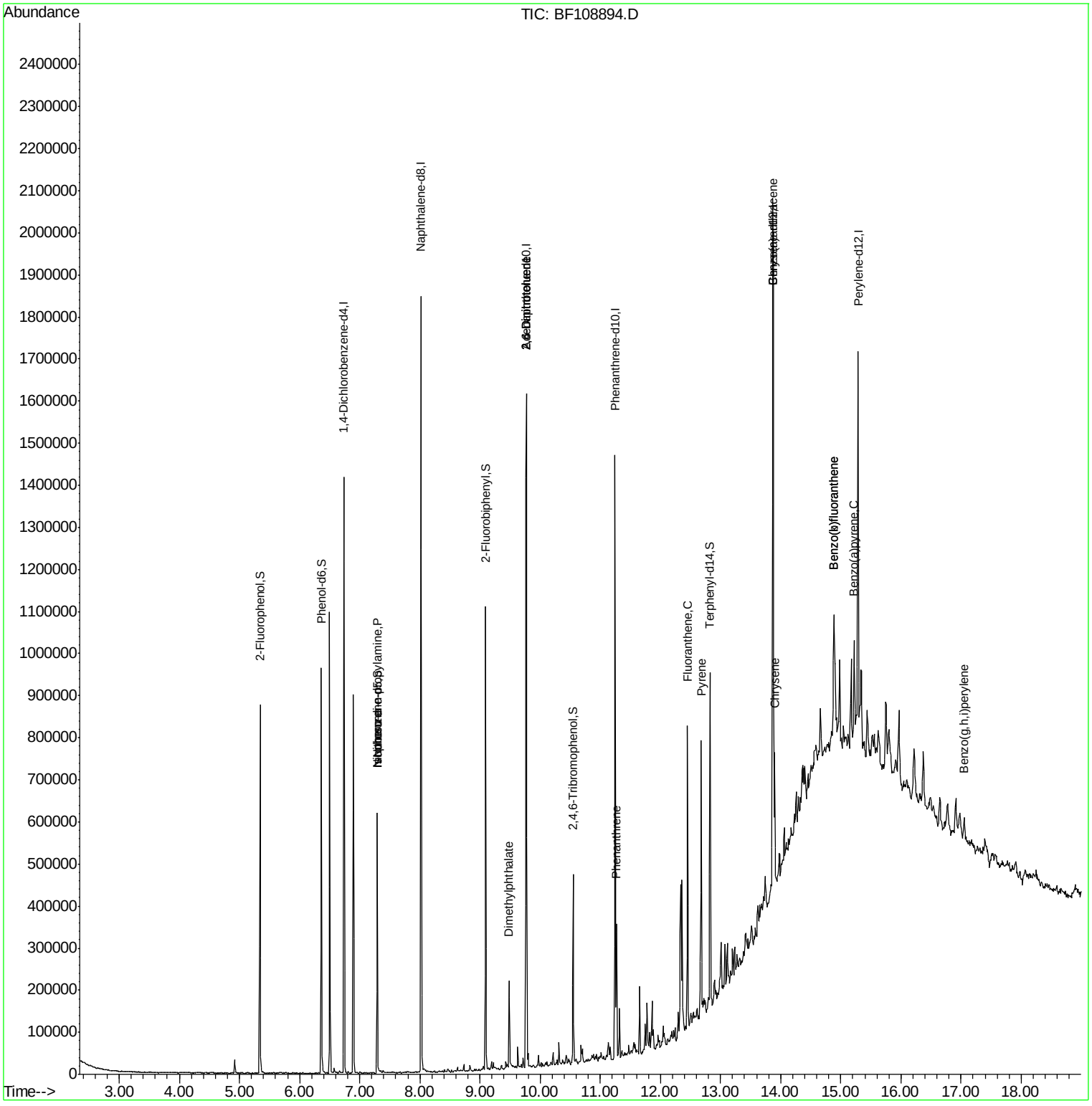
(#) = qualifier out of range (m) = manual integration (+) = signals summed

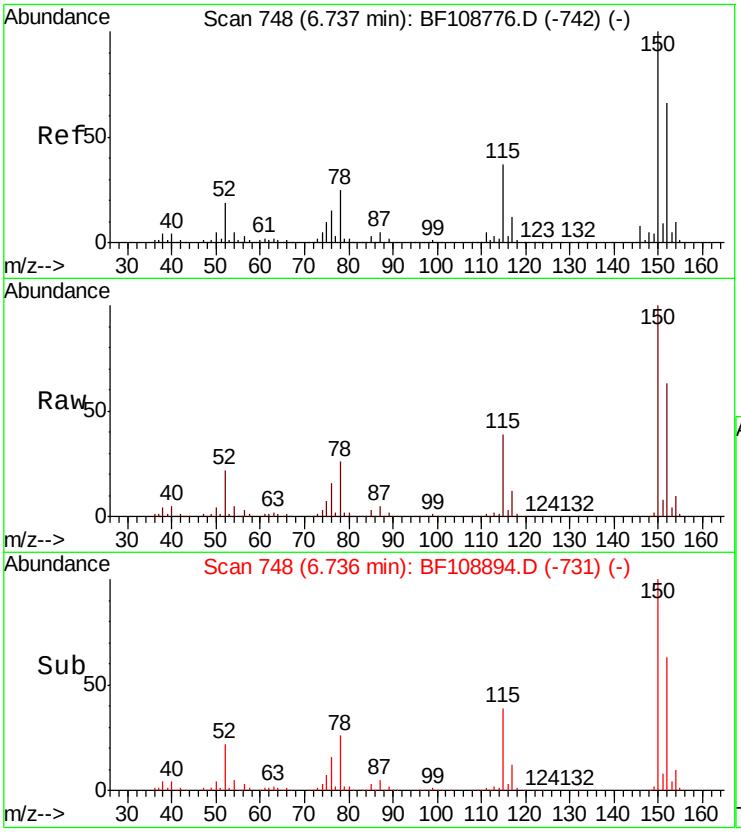
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108894.D
Acq On : 10 Sep 2018 15:50
Operator : JU/SJ
Sample : J4777-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 10 16:34:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration



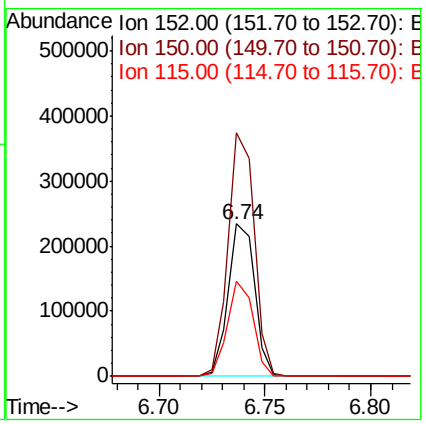


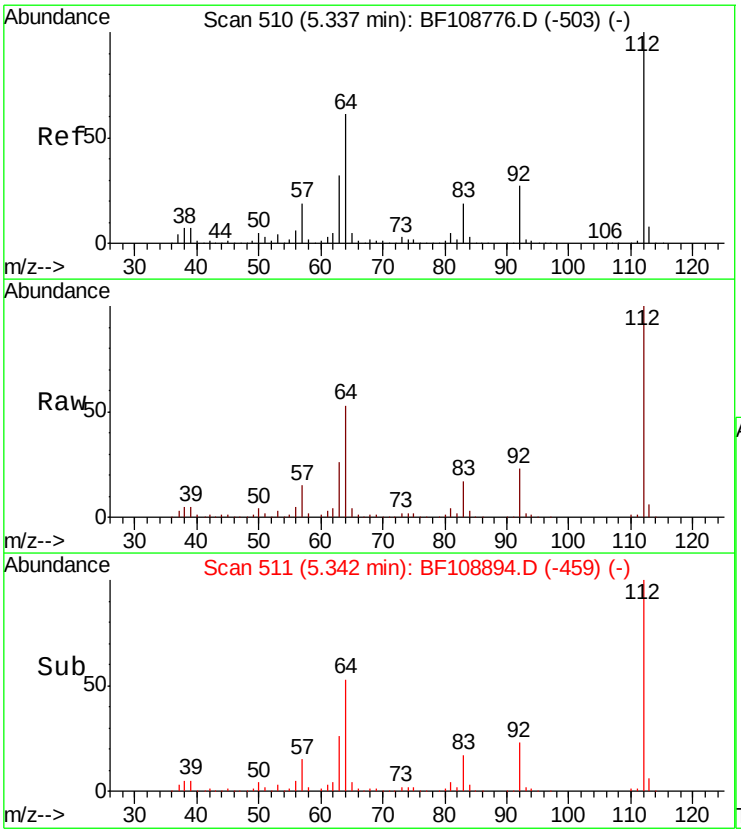
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 202873

Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	62.8	50.1	75.1

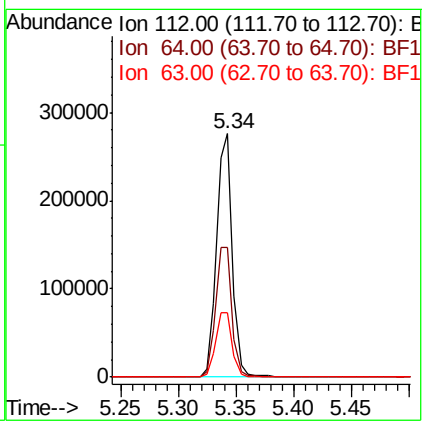


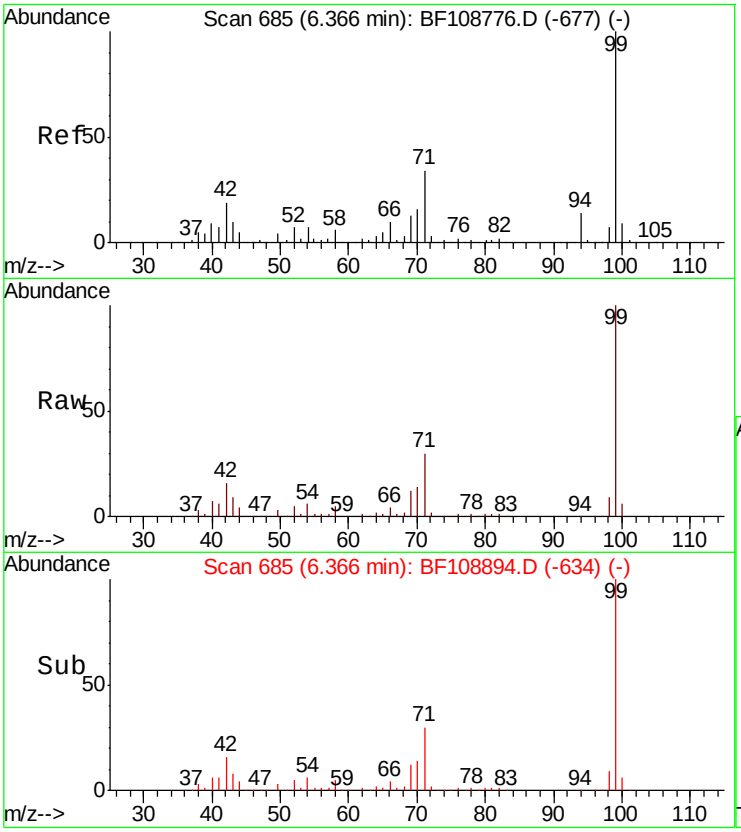


#5
2-Fluorophenol
Concen: 21.137 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Tgt Ion:112 Resp: 258841

Ion	Ratio	Lower	Upper
112	100		
64	53.4	47.9	71.9
63	26.2	23.7	35.5



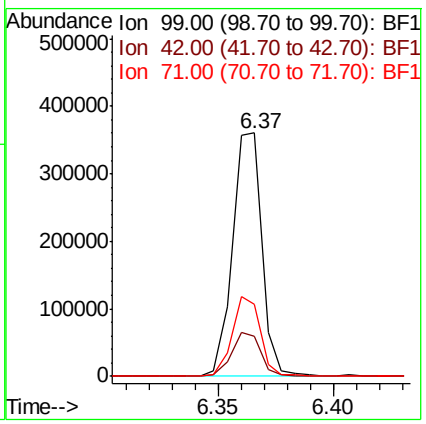


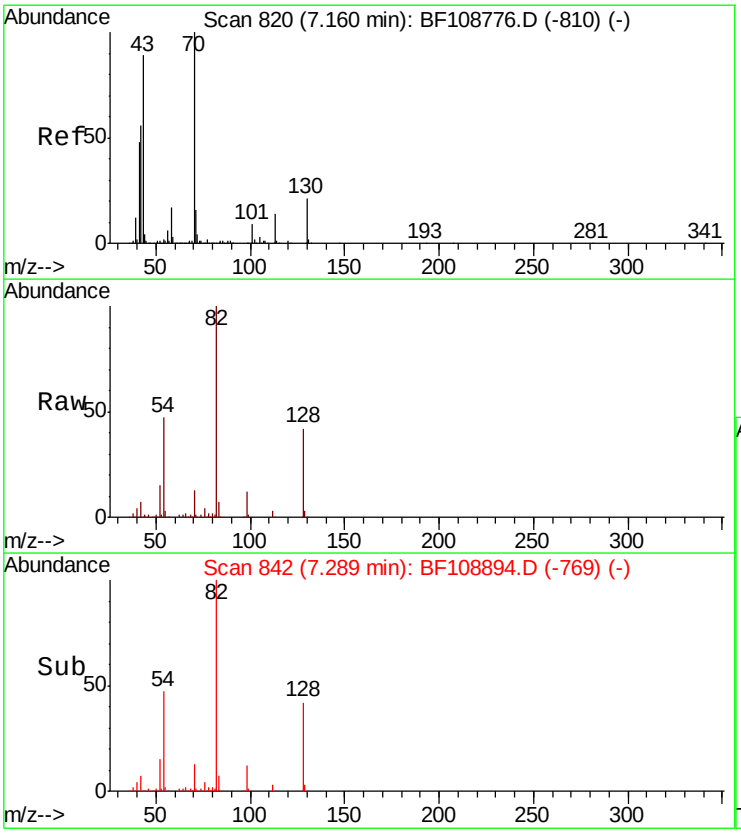
#7
Phenol-d6
Concen: 20.376 ng
RT: 6.37 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 321056

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.5	21.7
71	29.8	25.4	38.0

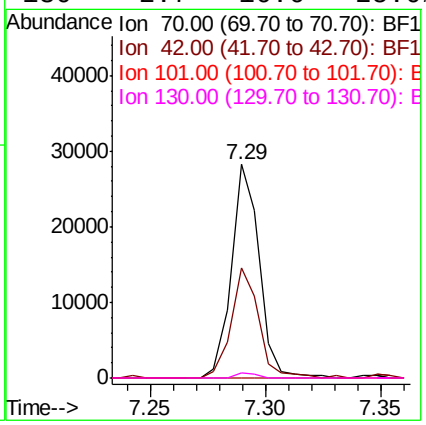


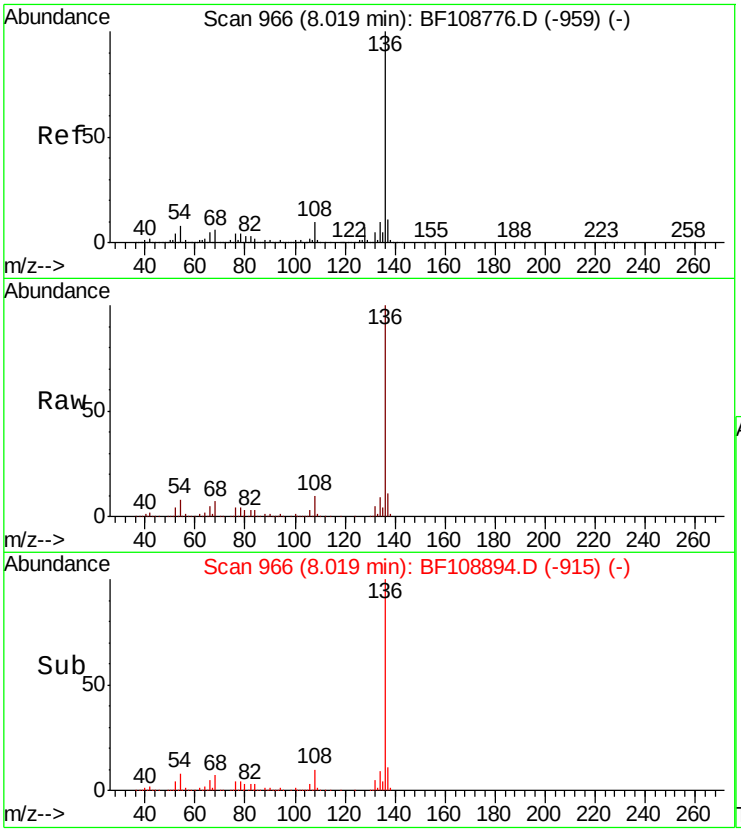


#19
n-Nitroso-di-n-propylamine
Concen: 2.164 ng
RT: 7.29 min Scan# 842
Delta R.T. 0.13 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Tgt Ion: 70 Resp: 23700

Ion	Ratio	Lower	Upper
70	100		
42	51.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



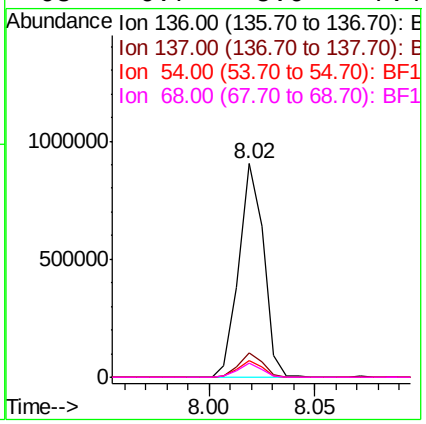


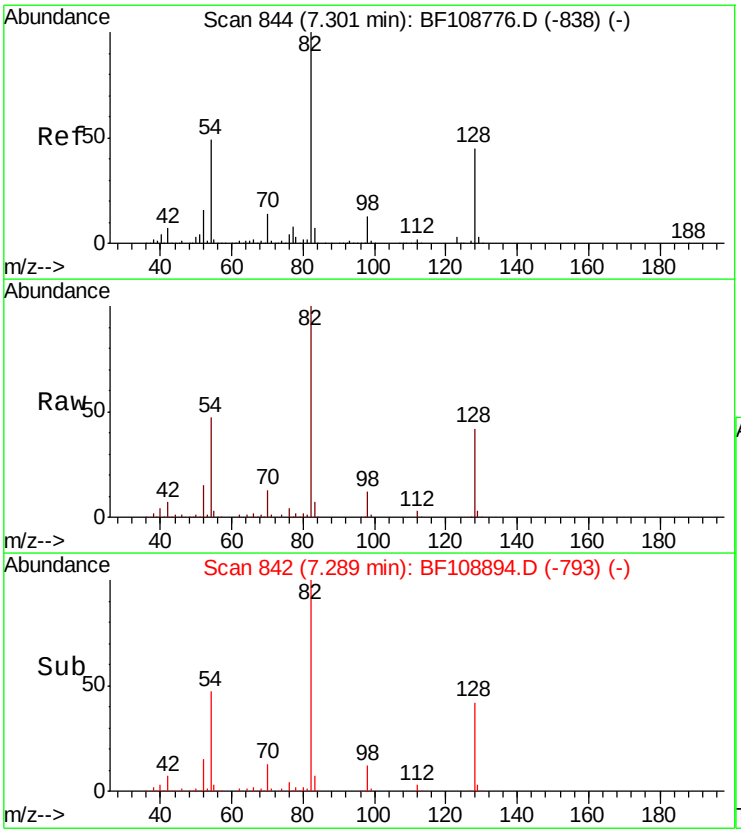
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 736774

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.1	6.6	9.8
68	6.7	5.0	7.4

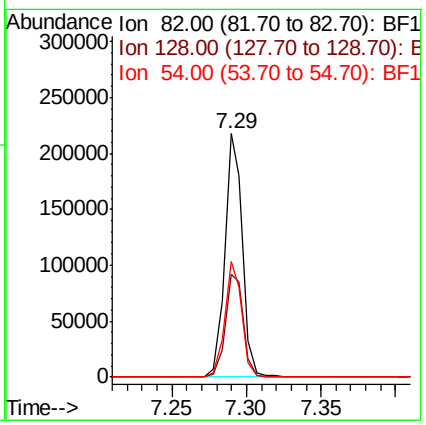


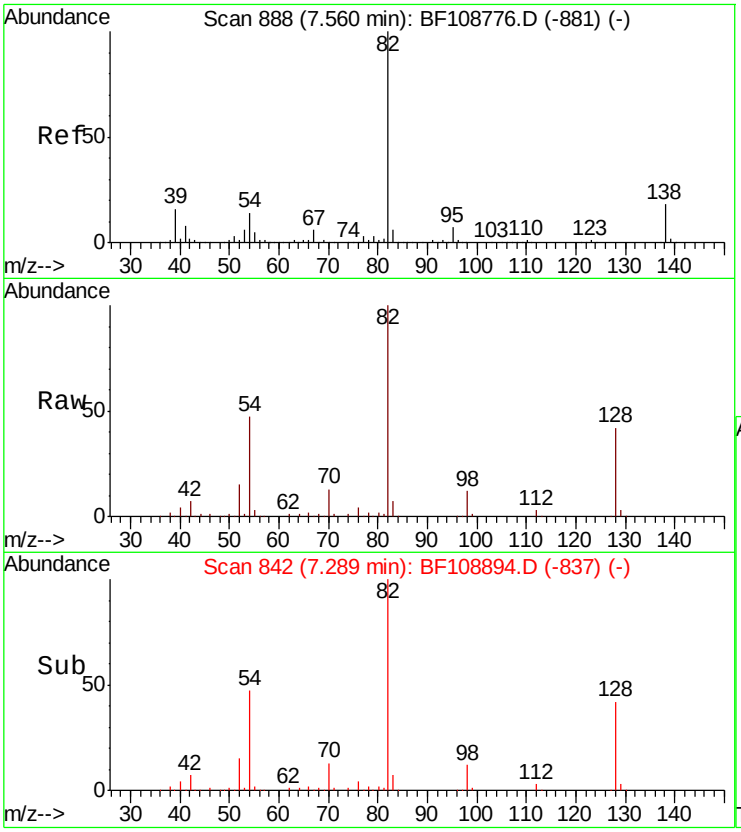


#23
Nitrobenzene-d5
Concen: 15.427 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Tgt Ion: 82 Resp: 181628

Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	47.5	41.4	62.2



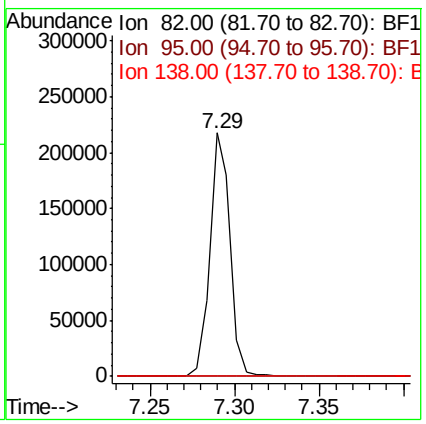


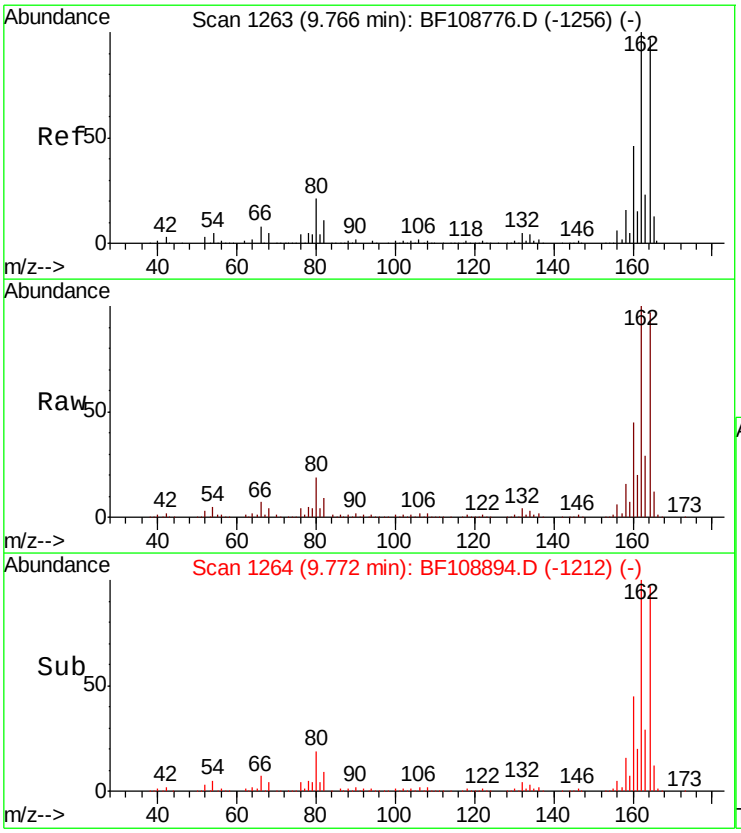
#25
Isophorone
Concen: 7.728 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.27 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 181486

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

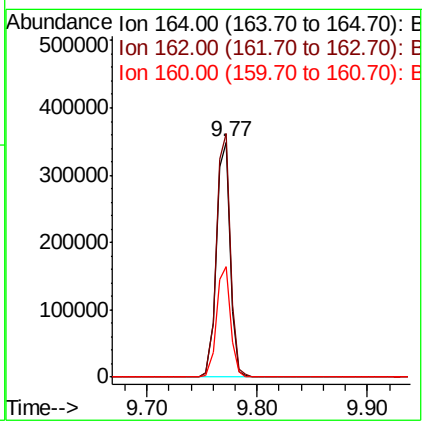


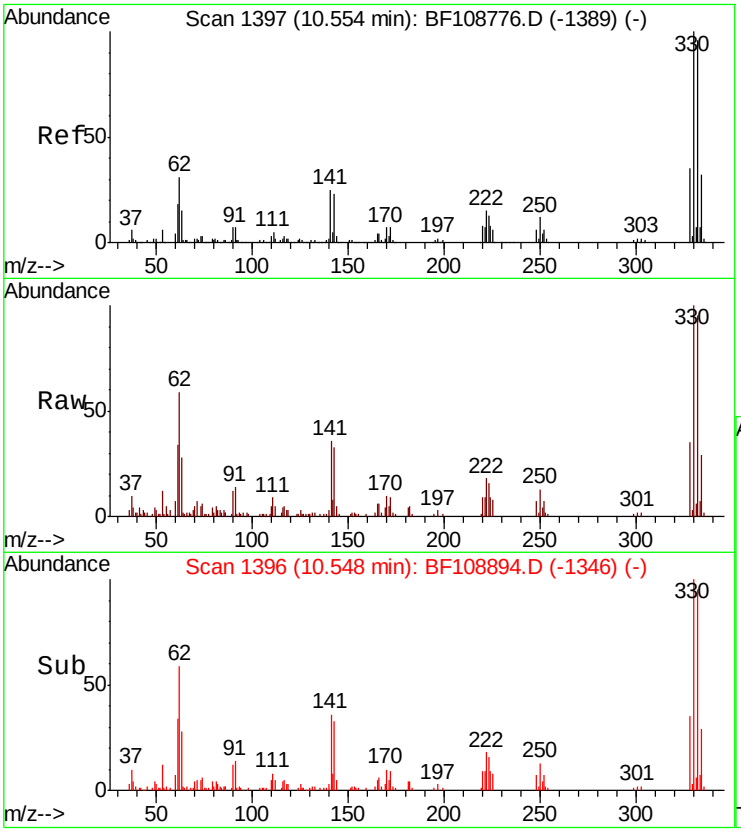


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Tgt Ion:164 Resp: 305188

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	46.8	38.3	57.5



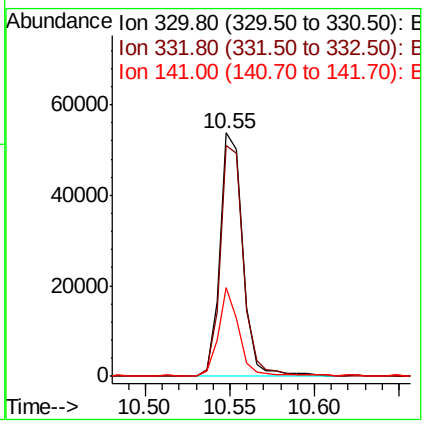


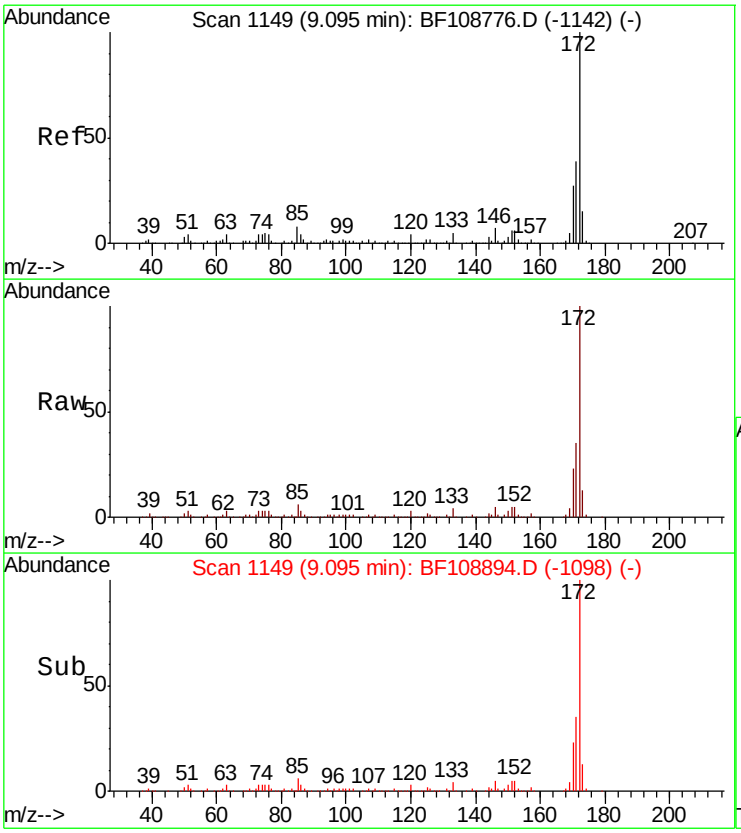
#41
2,4,6-Tribromophenol
Concen: 17.399 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 50692

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.8	29.9	44.9

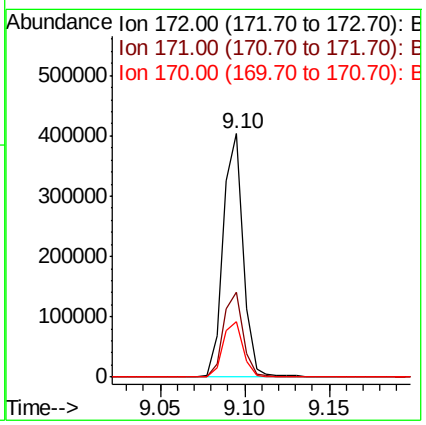


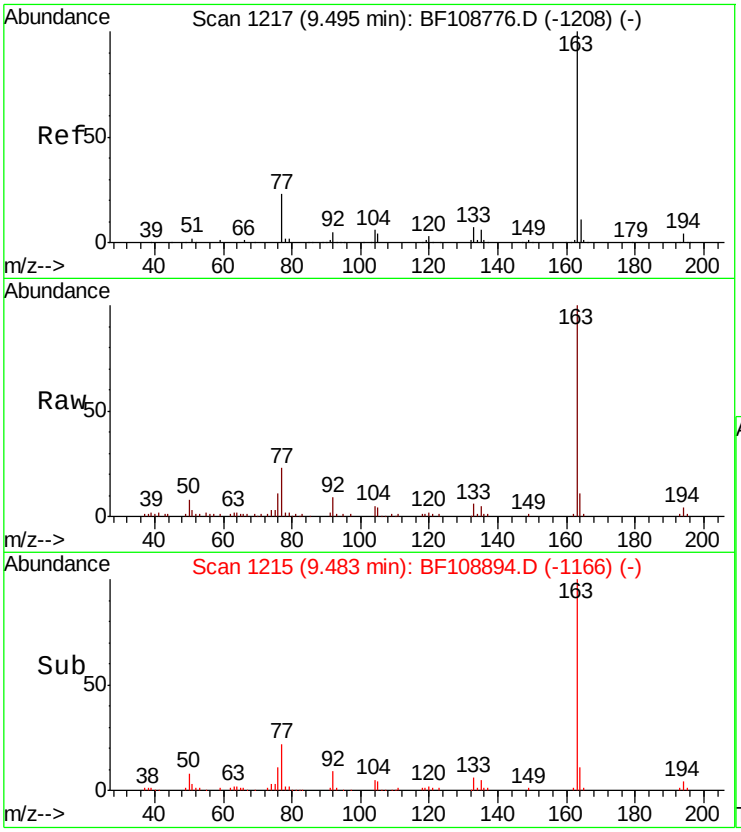


#44
2-Fluorobiphenyl
Concen: 18.692 ng
RT: 9.10 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Tgt Ion:172 Resp: 334390

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.0	19.6	29.4



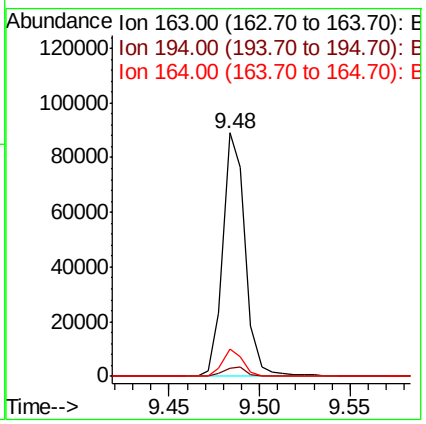


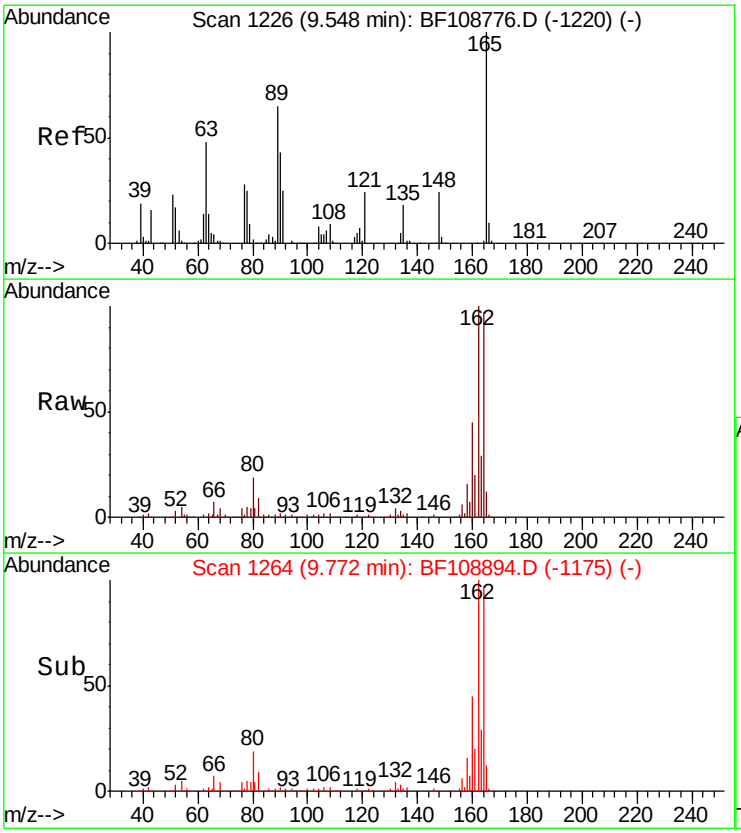
#49
Dimethylphthalate
Concen: 3.581 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:163 Resp: 76438

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	11.4	8.2	12.2

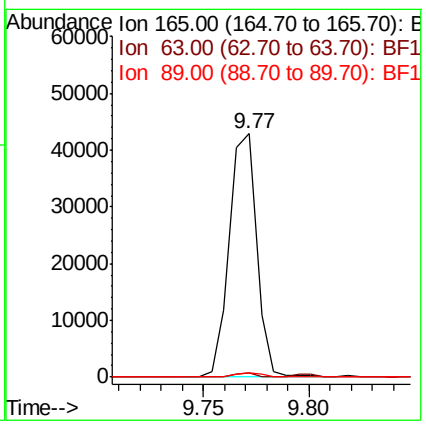


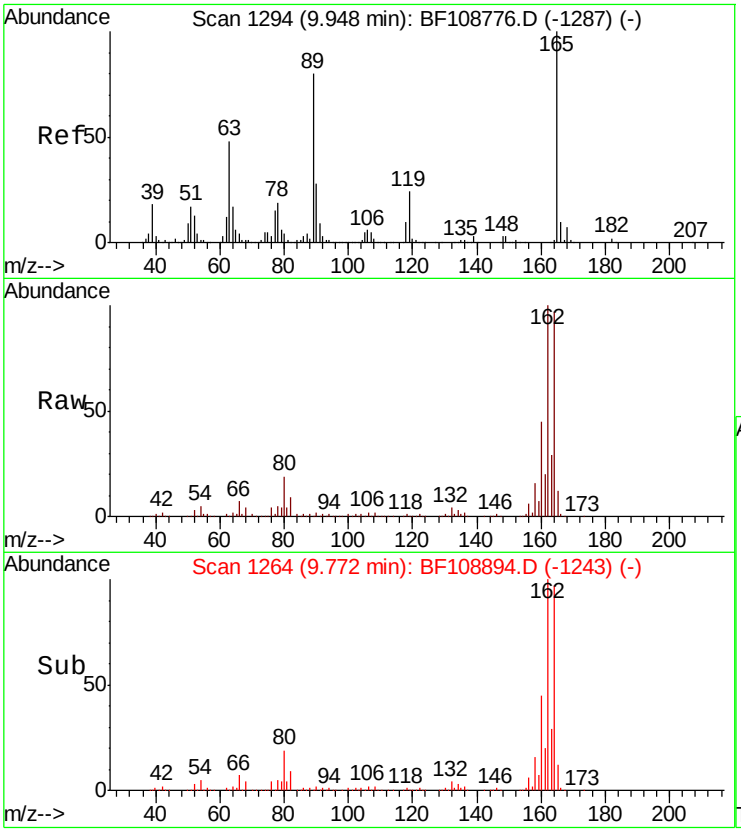


#50
2,6-Dinitrotoluene
Concen: 9.481 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.22 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Tgt Ion:165 Resp: 38564

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.6	44.0	66.0#



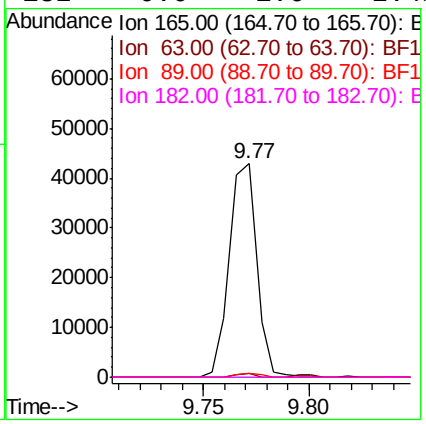


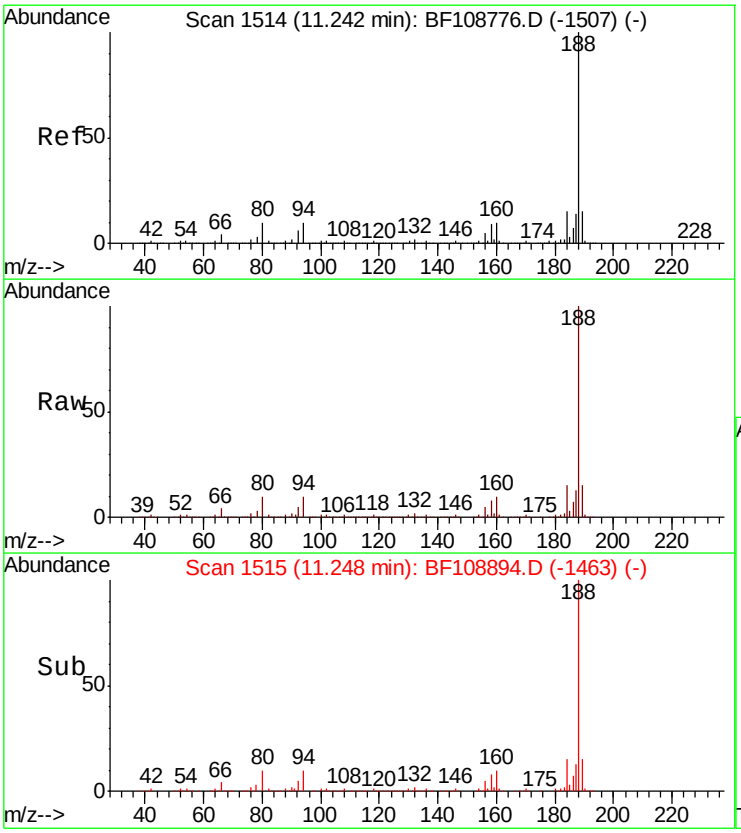
#56
2,4-Dinitrotoluene
Concen: 7.414 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.18 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:165 Resp: 38564

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

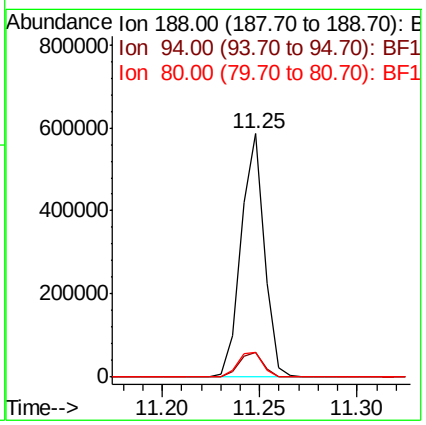


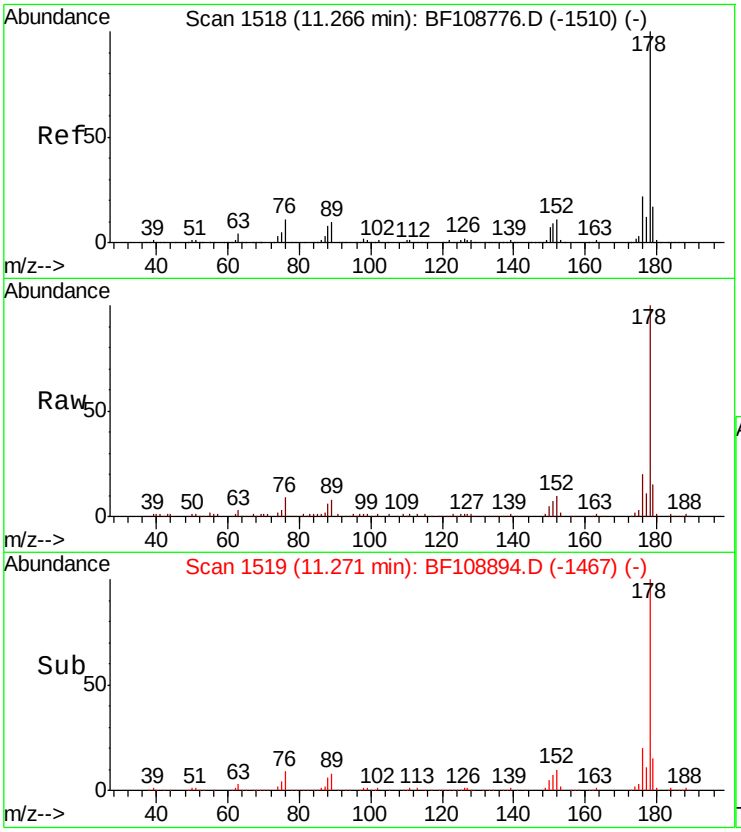


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Tgt Ion:188 Resp: 482790

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.0	9.2	13.8



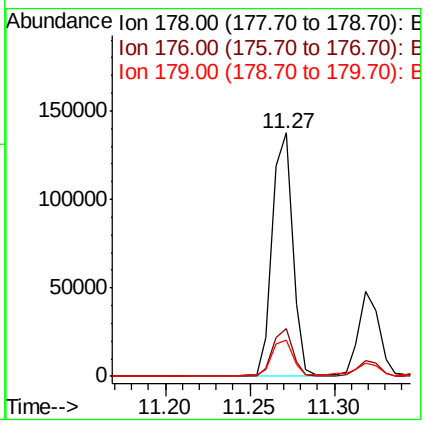


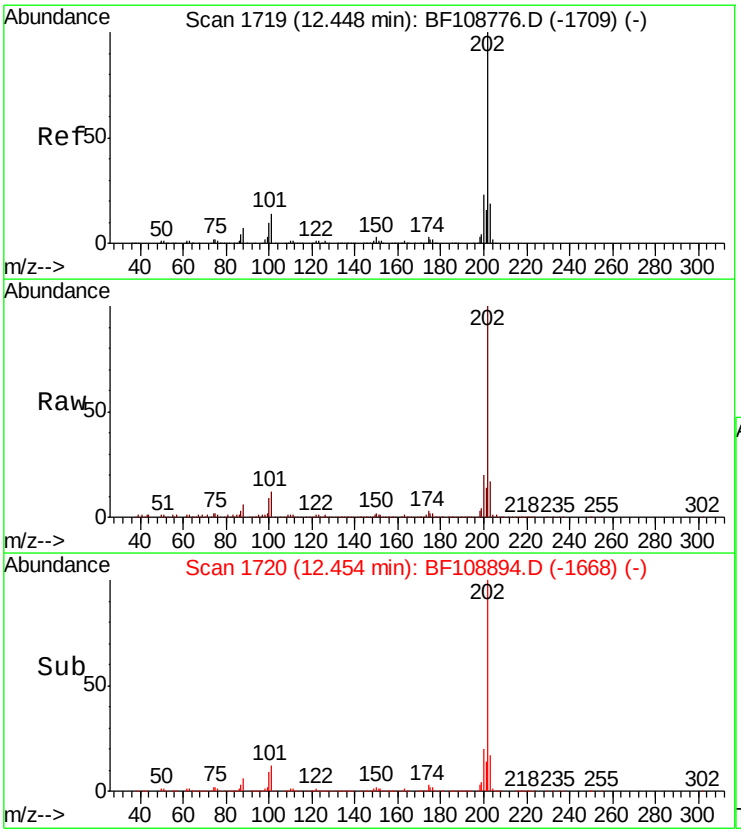
#70
Phenanthrene
Concen: 5.029 ng
RT: 11.27 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 115946

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.0	13.0	19.6

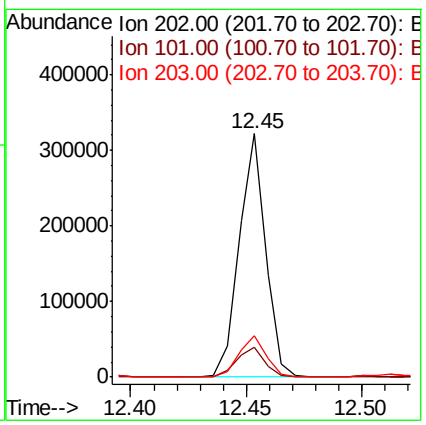


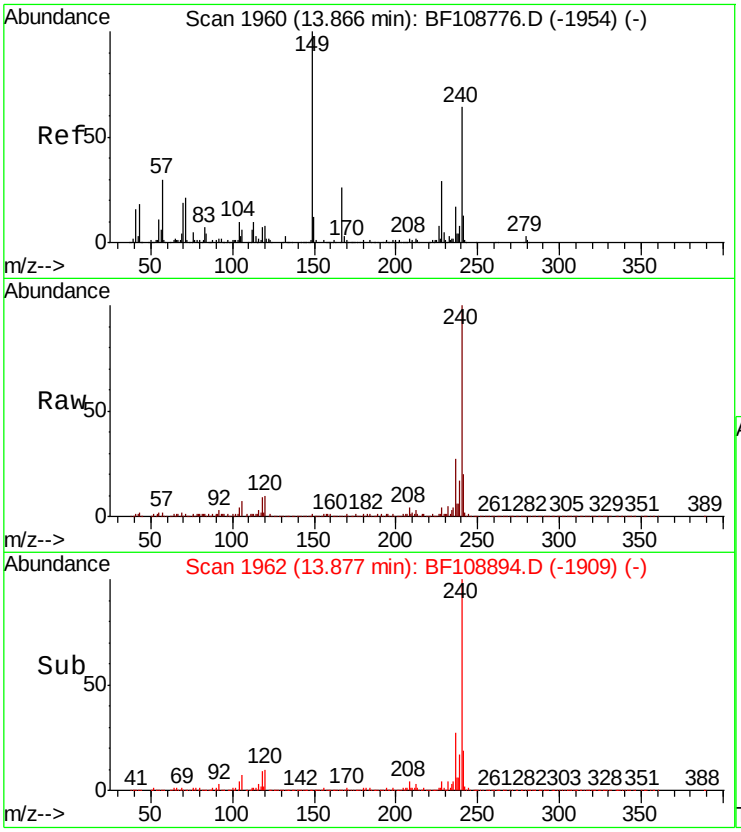


#74
Fluoranthene
Concen: 11.187 ng
RT: 12.45 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Tgt Ion:202 Resp: 255360

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.1
203	17.0	0.0	38.1



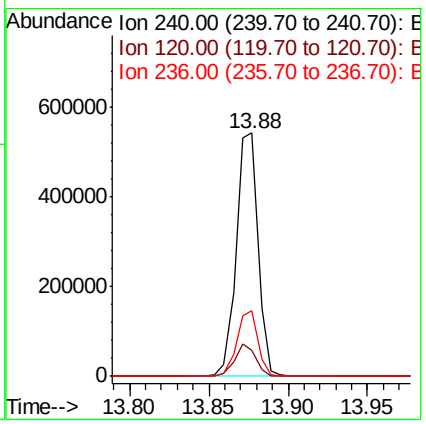


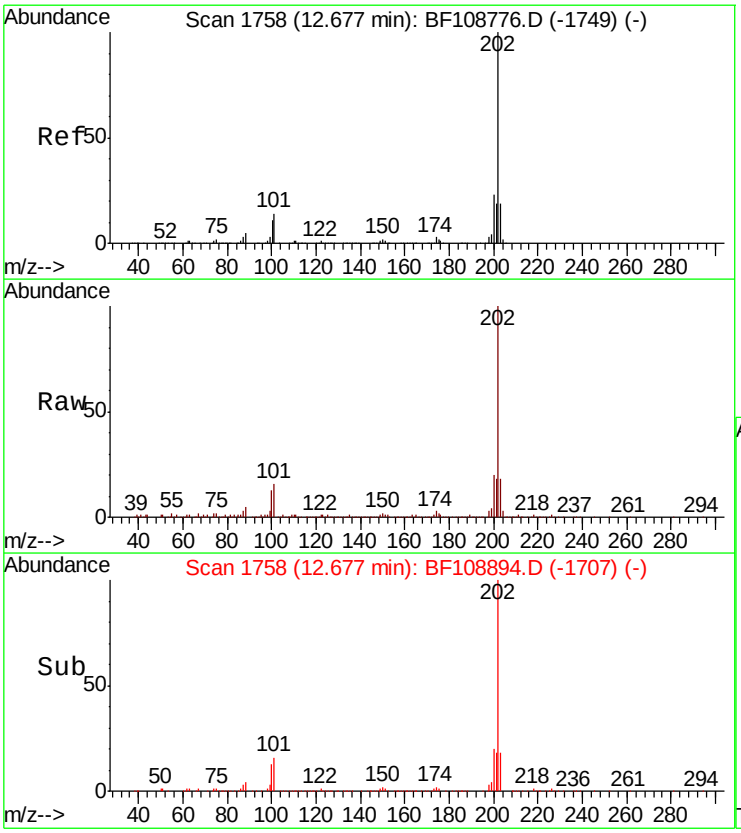
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 512187

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	26.9	20.7	31.1

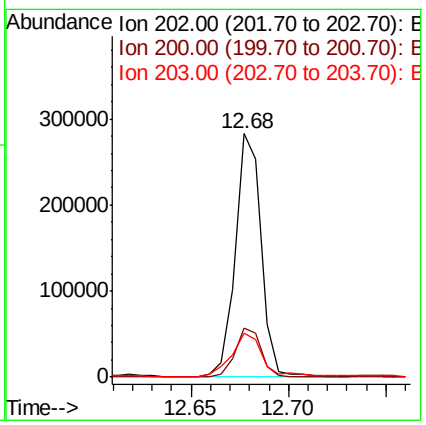


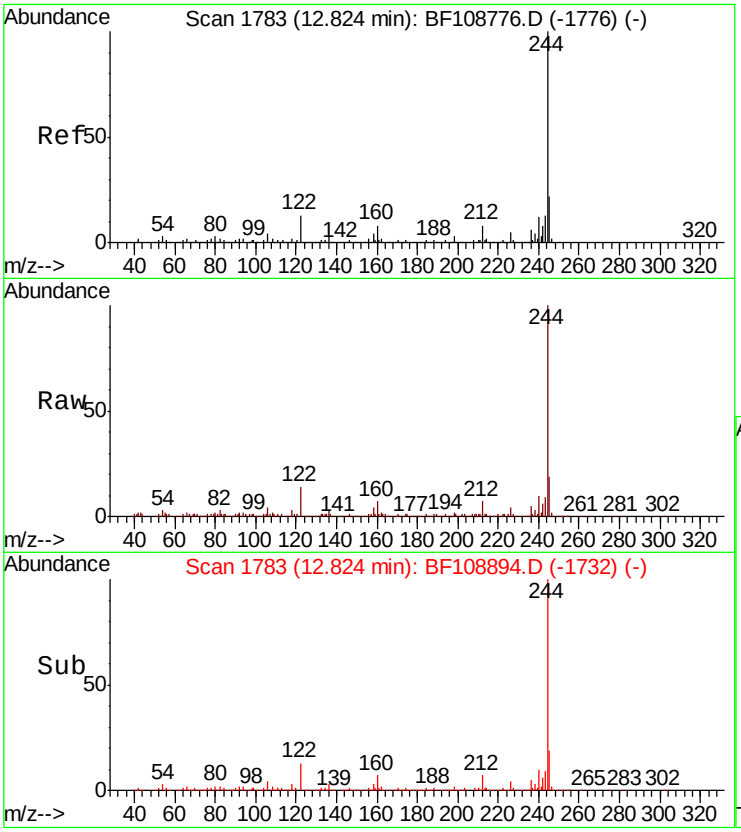


#77
Pyrene
Concen: 6.525 ng
RT: 12.68 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Tgt Ion:202 Resp: 257171

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	18.2	14.3	21.5



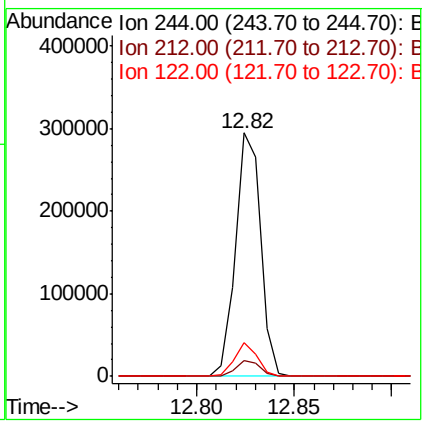


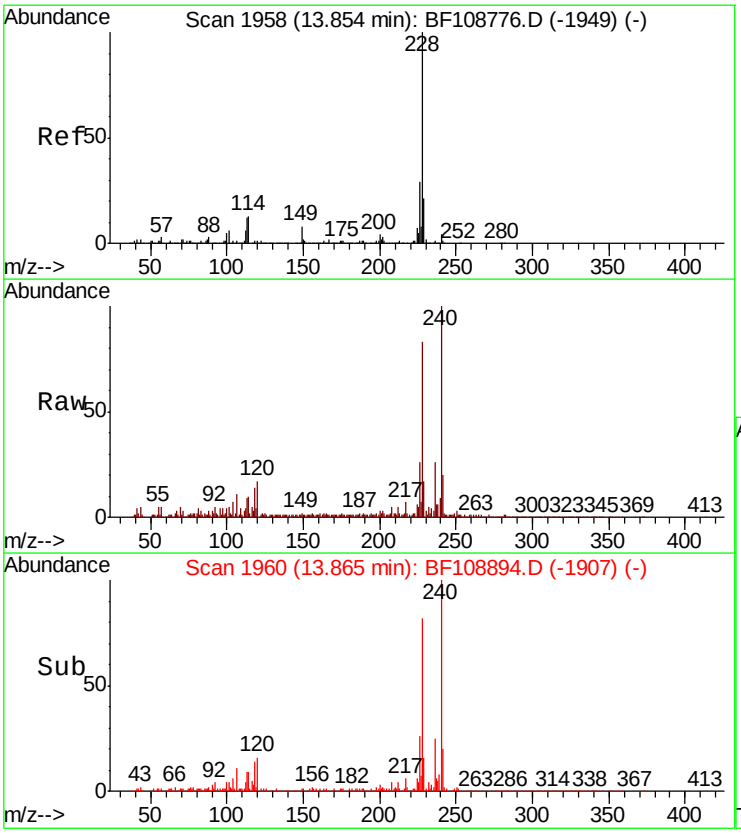
#78
Terphenyl-d14
Concen: 11.991 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 263371

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.6	11.0	16.4

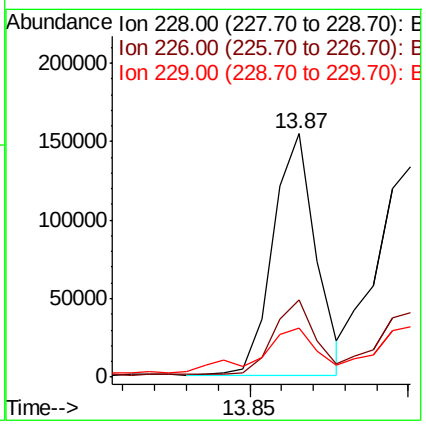


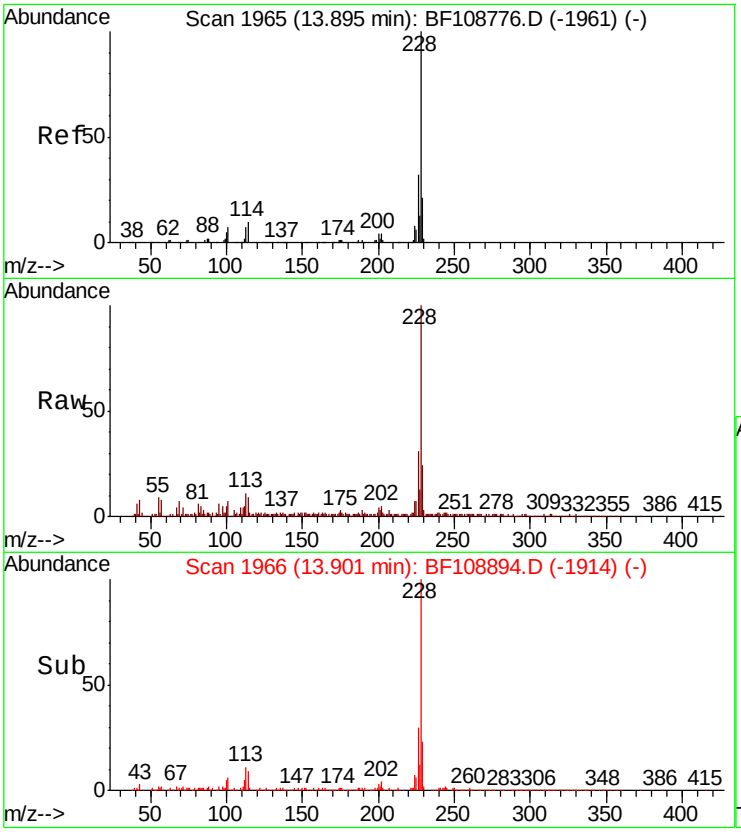


#80
Benzo(a)anthracene
Concen: 4.416 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Tgt Ion:228 Resp: 144964

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.6	33.8
229	20.2	15.8	23.6



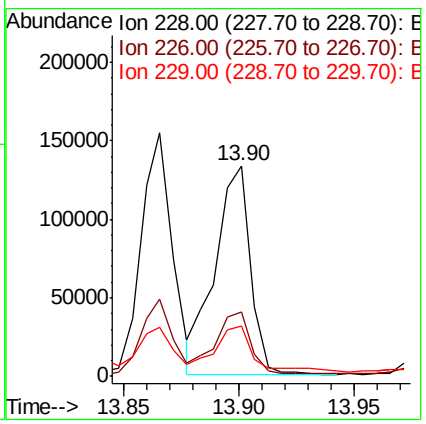


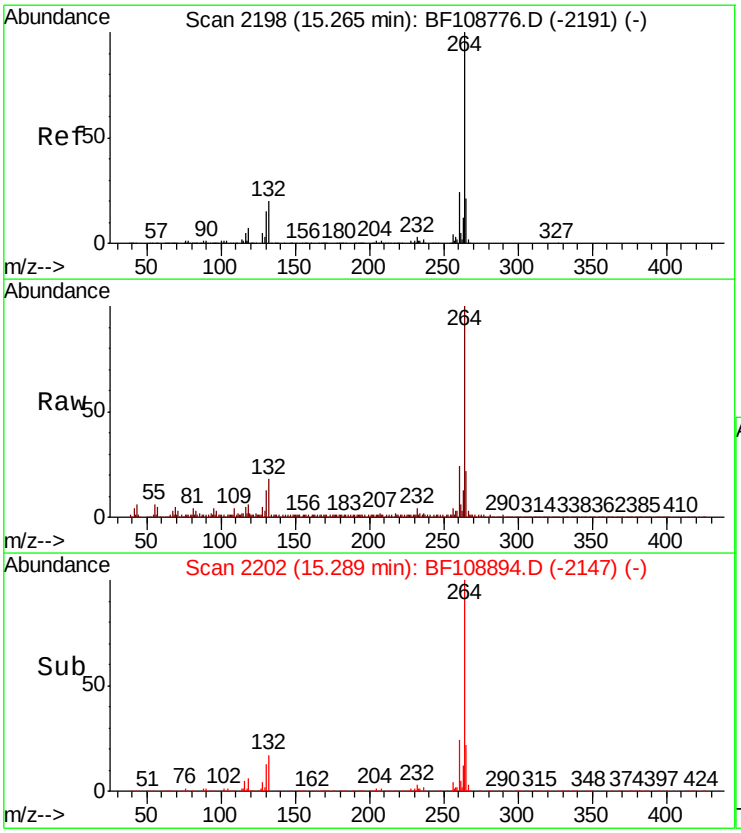
#82
Chrysene
Concen: 4.459 ng
RT: 13.90 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 141699

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	23.8	16.2	24.4

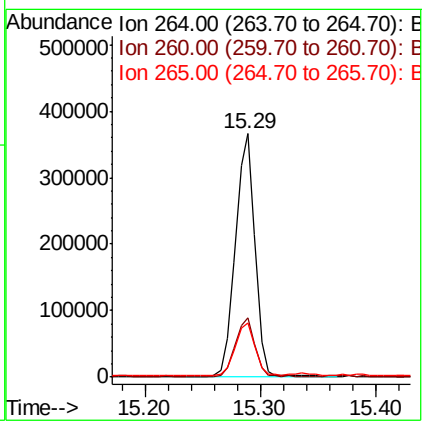


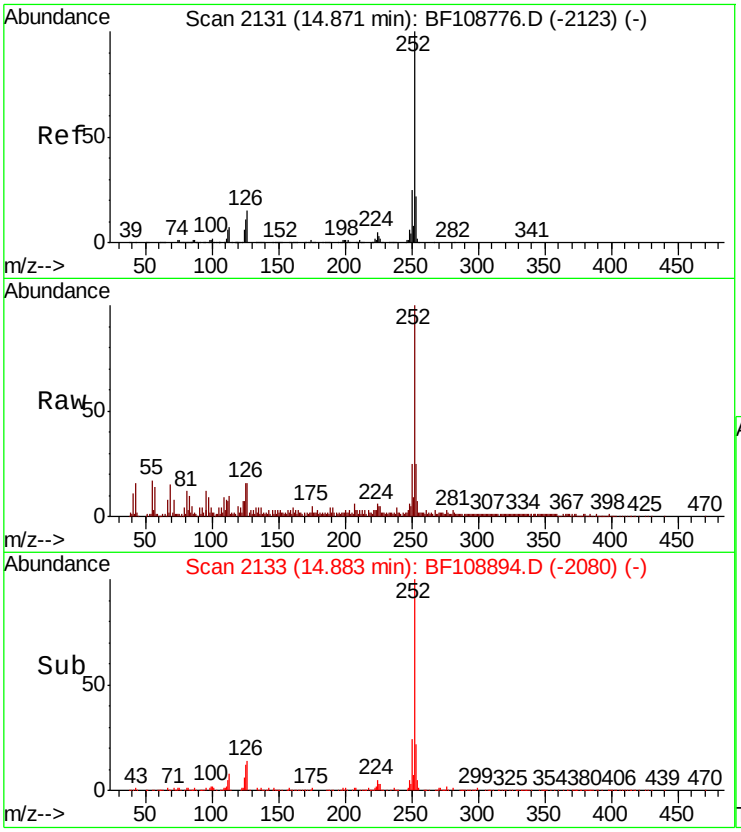


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2202
Delta R.T. 0.02 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Tgt Ion:264 Resp: 422923

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.2	17.5	26.3



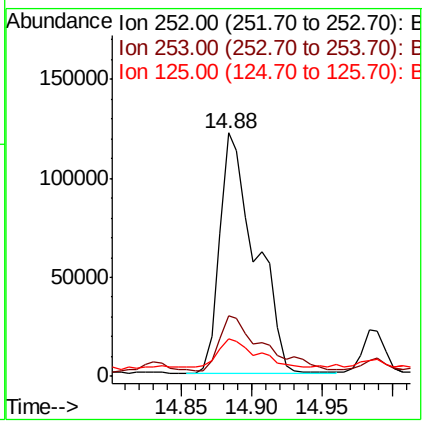


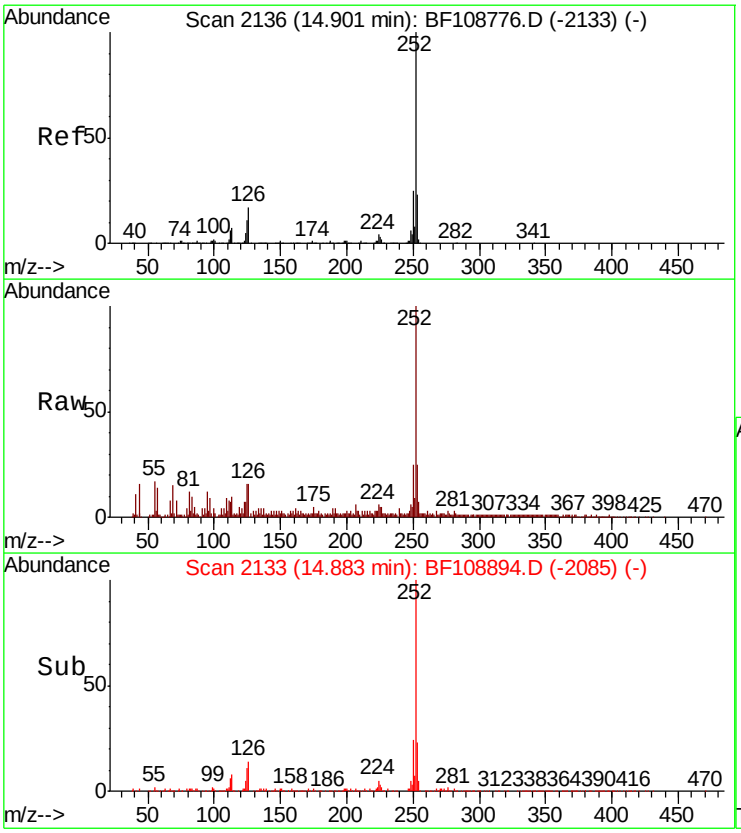
#87
Benzo(b)fluoranthene
Concen: 9.364 ng
RT: 14.88 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 215335

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.0	25.6
125	15.5	9.0	13.6#

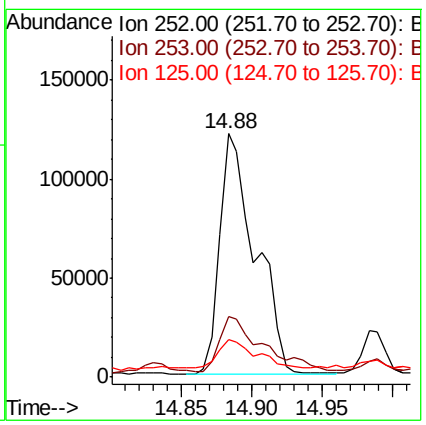


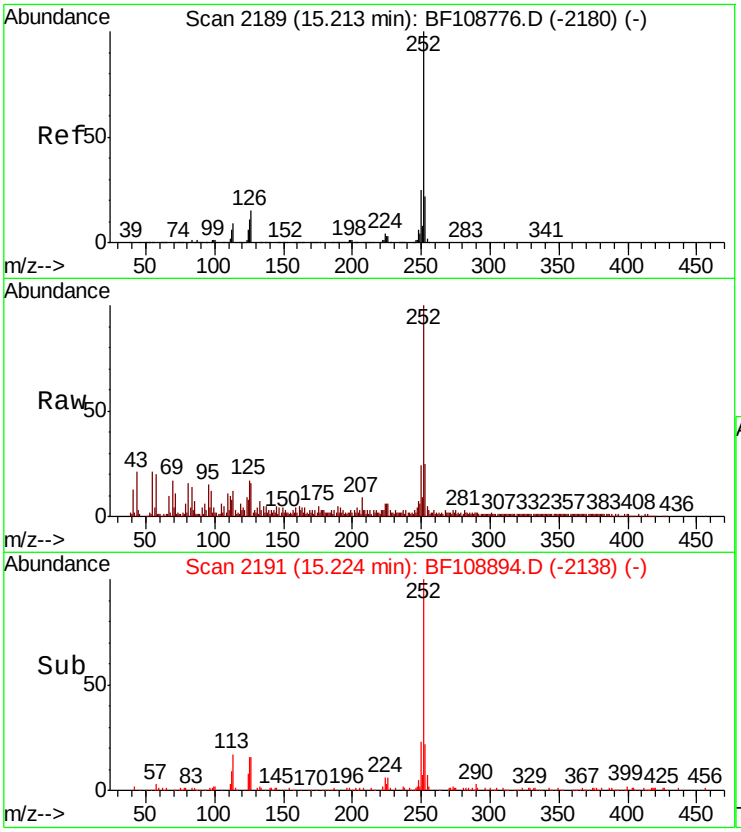


#88
Benzo(k)fluoranthene
Concen: 10.168 ng
RT: 14.88 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Tgt Ion:252 Resp: 215335

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.9	26.9
125	15.5	10.2	15.2#



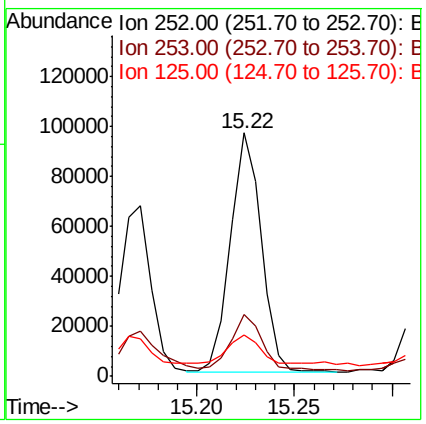


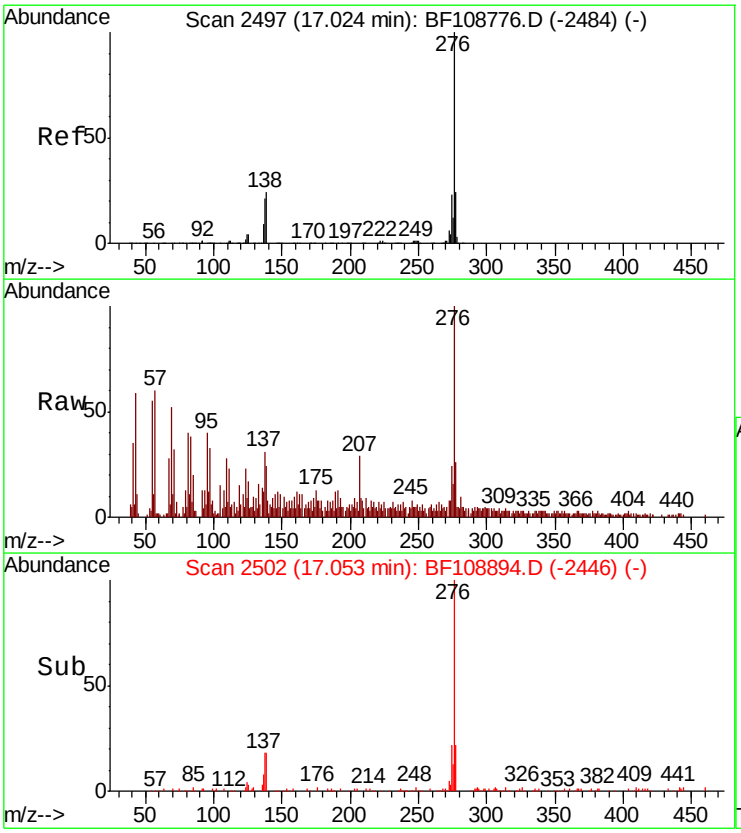
#89
Benzo(a)pyrene
Concen: 5.063 ng
RT: 15.22 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 105058

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.1	25.7
125	17.2	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.455 ng
RT: 17.05 min Scan# 2502
Delta R.T. 0.03 min
Lab File: BF108894.D
Acq: 10 Sep 2018 15:50

Tgt Ion:276 Resp: 44949

Ion	Ratio	Lower	Upper
276	100		
277	26.1	17.9	26.9
138	24.3	21.8	32.8