Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108895.D
Acq On : 10 Sep 2018 16:16
Operator : JU/SJ
Sample : J4777-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 10 18:51:03 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	198035	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	716696	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	305114	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	504060	20.00	ng		0.00
75) Chrysene-d12	13.88	240	511814	20.00	ng		0.01
86) Perylene-d12	15.29	264	418288	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	209686	17.54	ng		0.00
7) Phenol-d6	6.36	99	267155	17.37	ng		0.00
23) Nitrobenzene-d5	7.29	82	150055	13.10	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	44440	15.26	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	295793	16.54	ng		0.00
78) Terphenyl-d14	12.82	244	251657	11.47	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.29	82	150051	6.569	ng	#	64
49) Dimethylphthalate	9.48	163	65133	3.052	ng		99
50) 2,6-Dinitrotoluene	9.77	165	40112	9.864	ng	#	26
56) 2,4-Dinitrotoluene	9.77	165	40112	7.713	ng	#	23
70) Phenanthrene	11.27	178	239398	9.945	ng		98
71) Anthracene	11.32	178	82145	3.564	ng		99
74) Fluoranthene	12.45	202	460415	19.319	ng		98
77) Pyrene	12.68	202	415900	10.560	ng		100
80) Benzo(a)anthracene	13.87	228	262189	7.992	ng		97
82) Chrysene	13.90	228	252275	7.944	ng		97
85) Indeno(1,2,3-cd)pyrene	16.64	276	93833	3.339	ng	#	91
87) Benzo(b)fluoranthene	14.88	252	386469	16.992	ng		96
88) Benzo(k)fluoranthene	14.88	252	386469	18.451	ng		98
89) Benzo(a)pyrene	15.22	252	192717	9.390	ng		94
91) Benzo(g,h,i)perylene	17.05	276	82889	4.578	ng		93

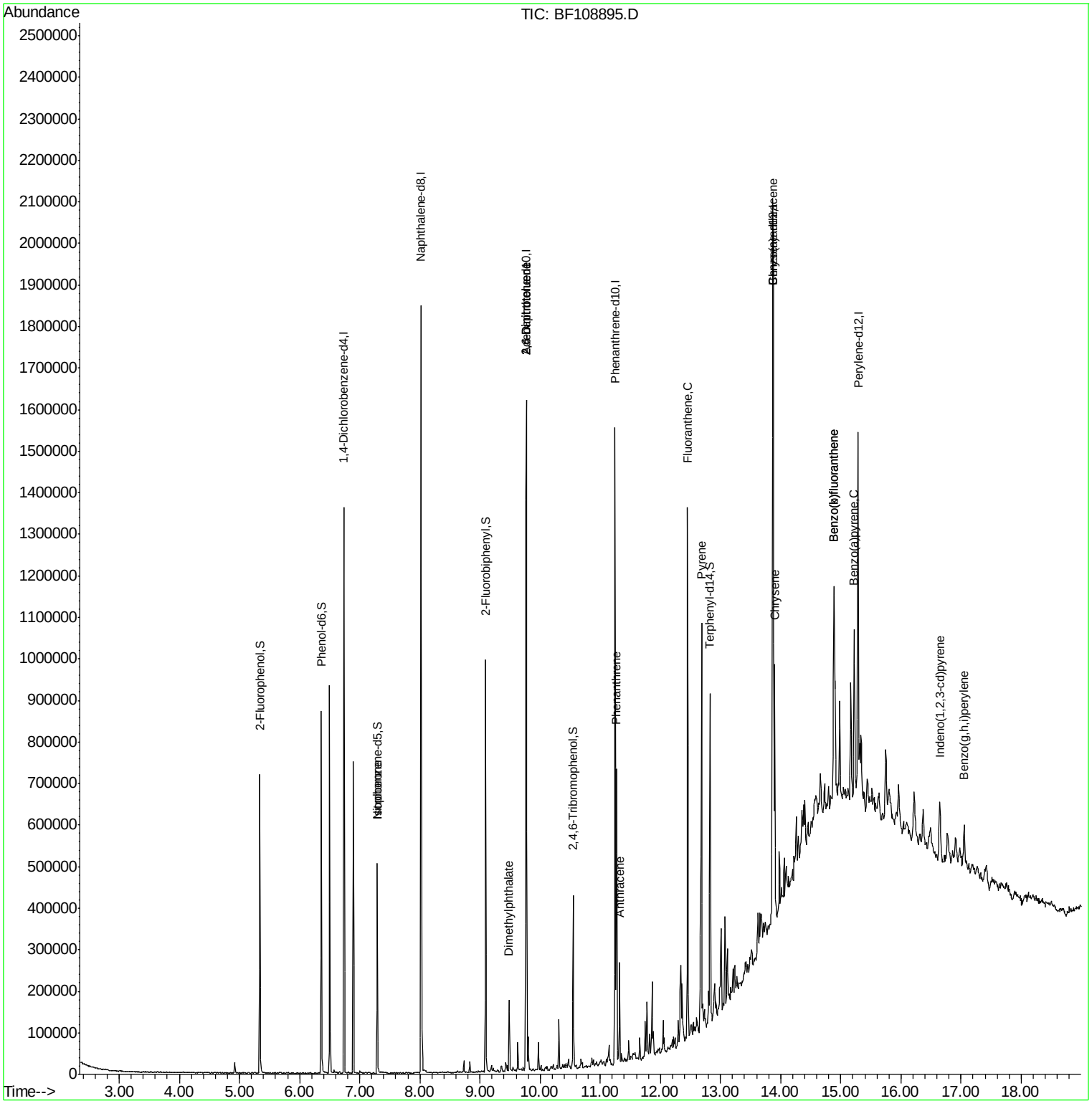
(#) = qualifier out of range (m) = manual integration (+) = signals summed

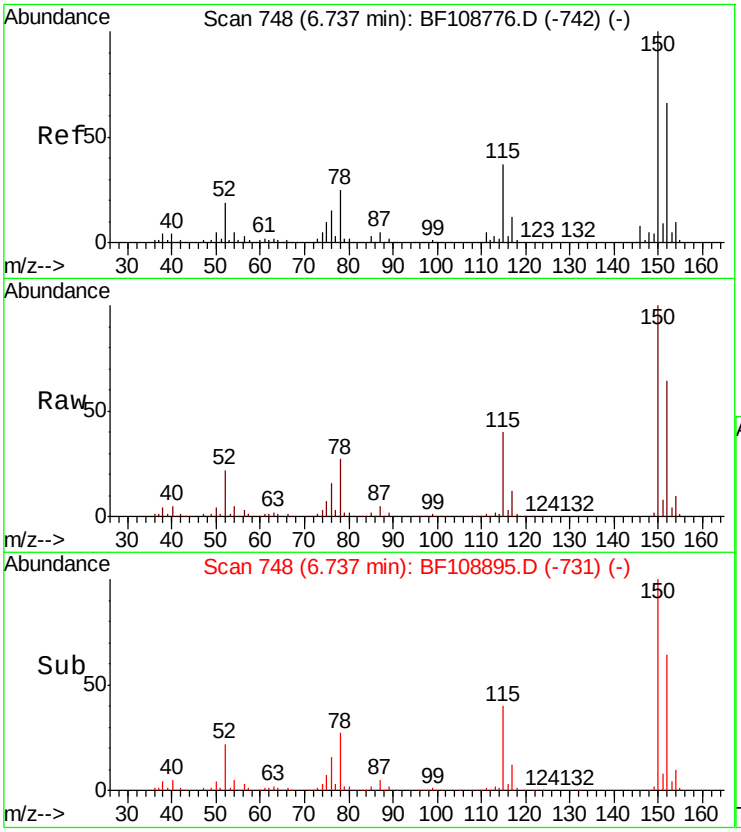
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108895.D
Acq On : 10 Sep 2018 16:16
Operator : JU/SJ
Sample : J4777-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 10 18:51:03 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



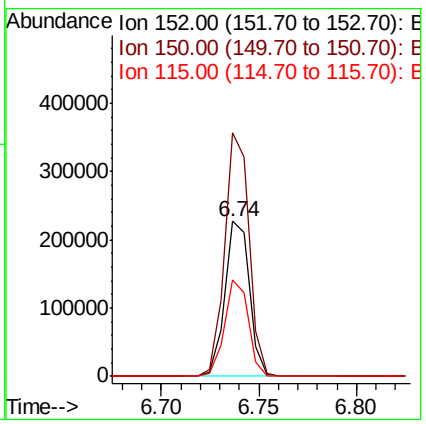


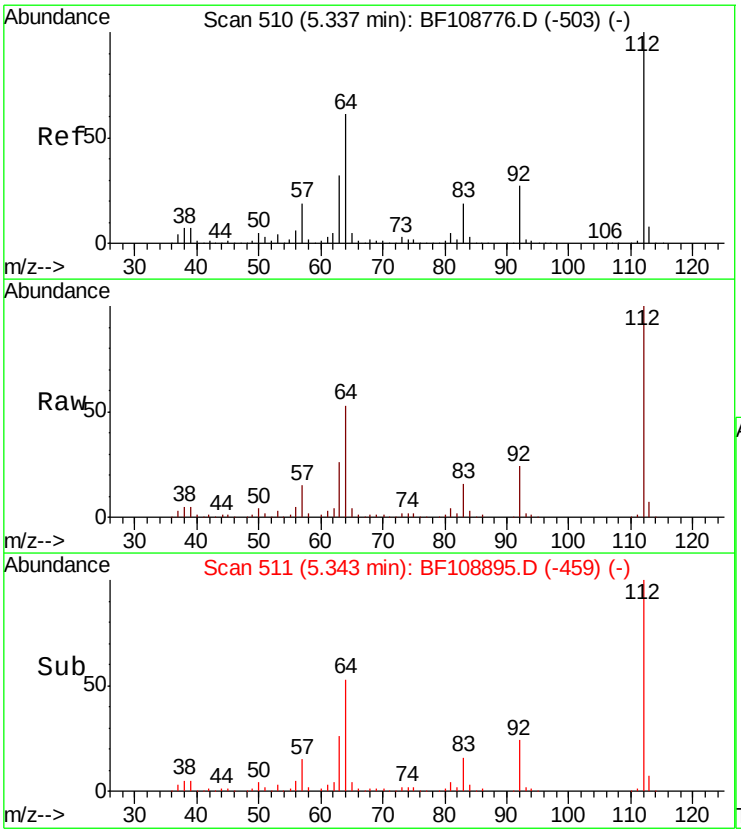
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 198035

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	62.6	50.1	75.1

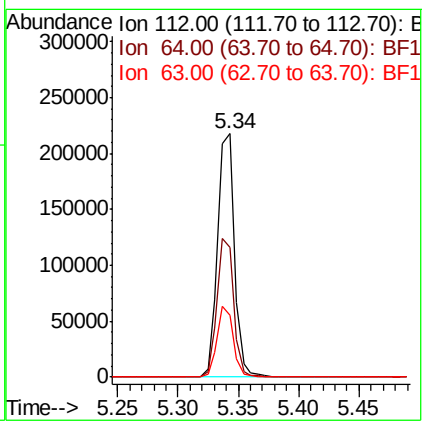


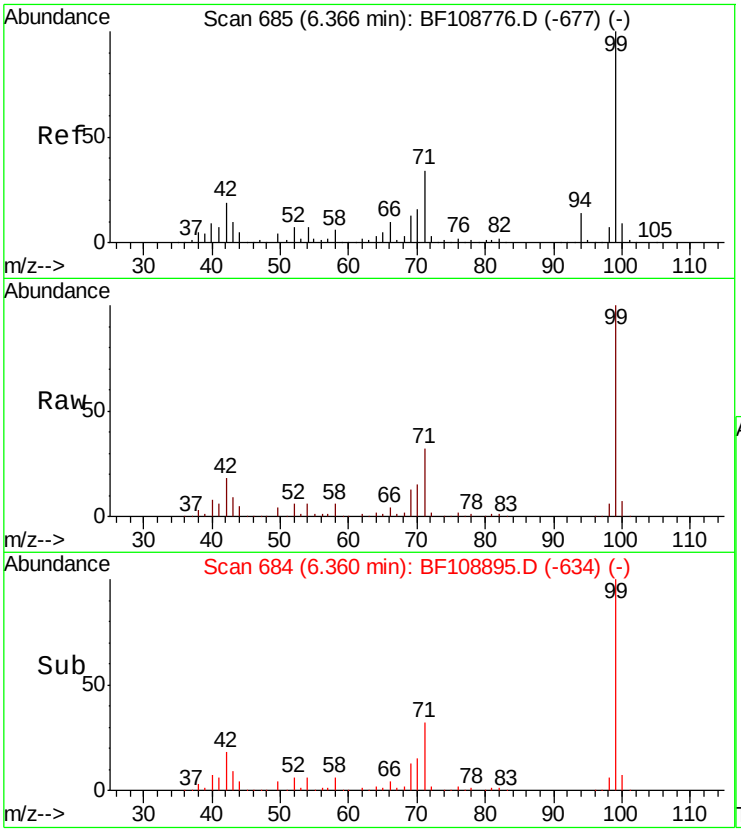


#5
2-Fluorophenol
Concen: 17.541 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Tgt Ion:112 Resp: 209686

Ion	Ratio	Lower	Upper
112	100		
64	53.4	47.9	71.9
63	25.5	23.7	35.5



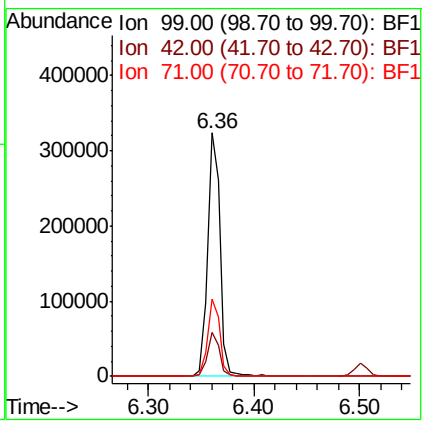


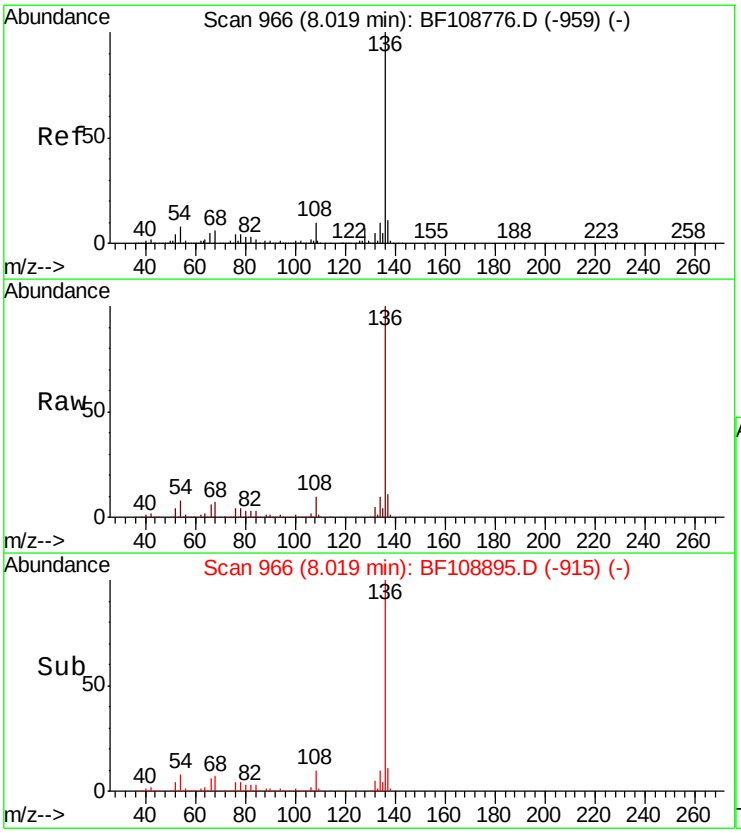
#7
Phenol-d6
Concen: 17.370 ng
RT: 6.36 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 267155

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.5	21.7
71	31.9	25.4	38.0

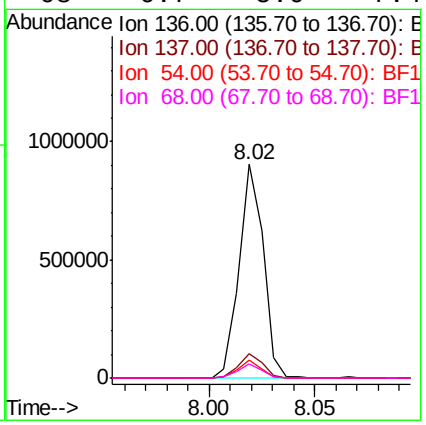


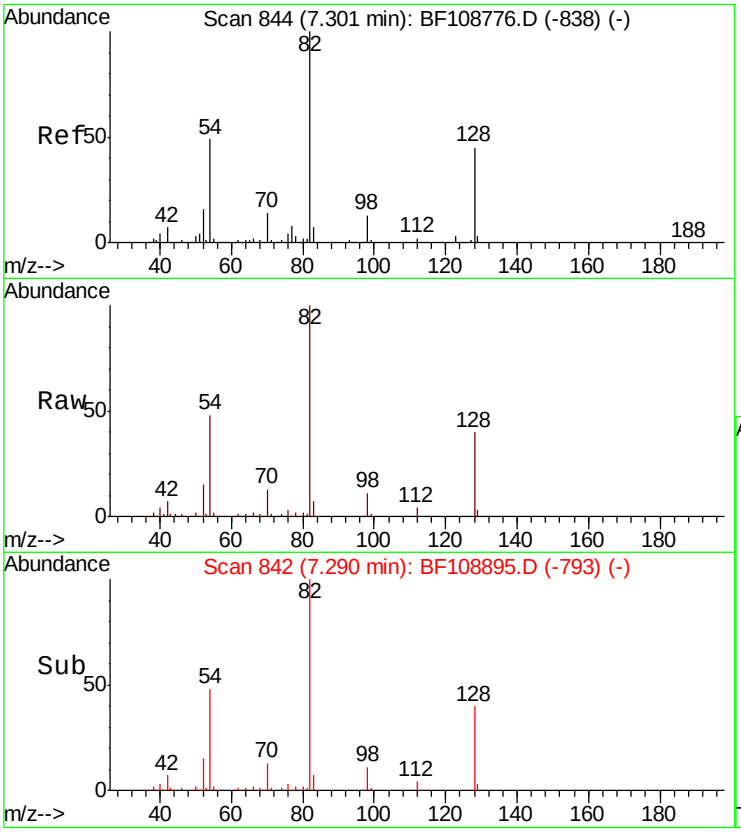


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Tgt Ion:136 Resp: 716696

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.2	6.6	9.8
68	6.7	5.0	7.4



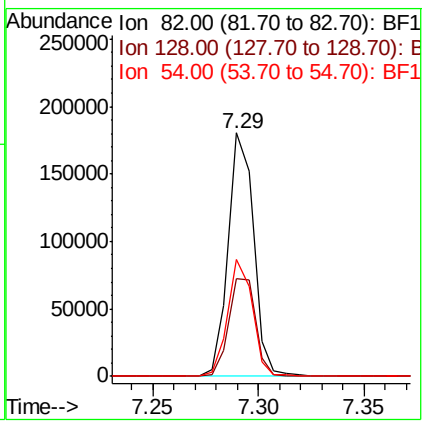


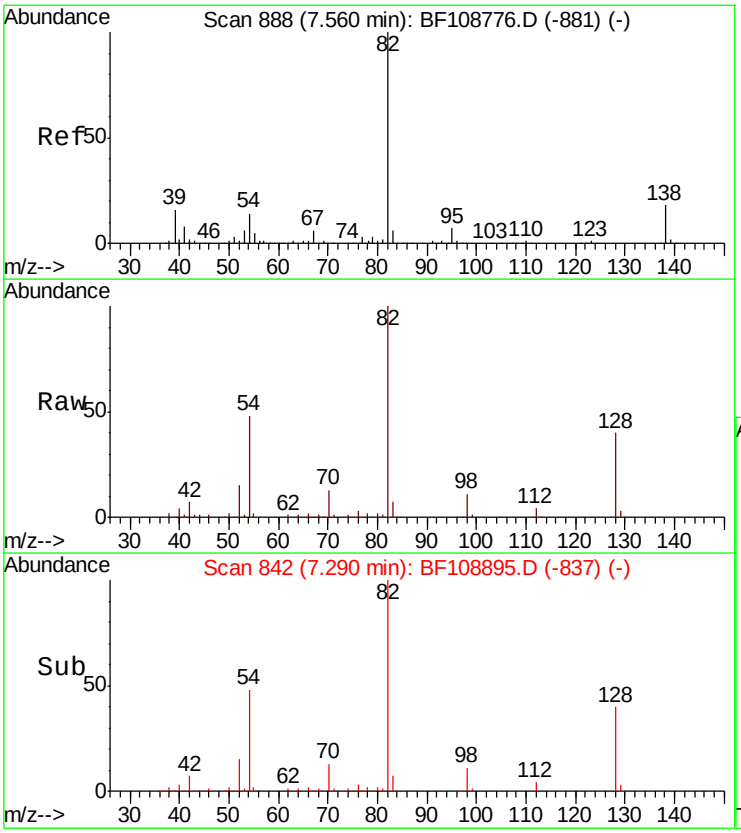
#23
Nitrobenzene-d5
Concen: 13.103 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 150055

Ion	Ratio	Lower	Upper
82	100		
128	40.0	36.1	54.1
54	47.9	41.4	62.2

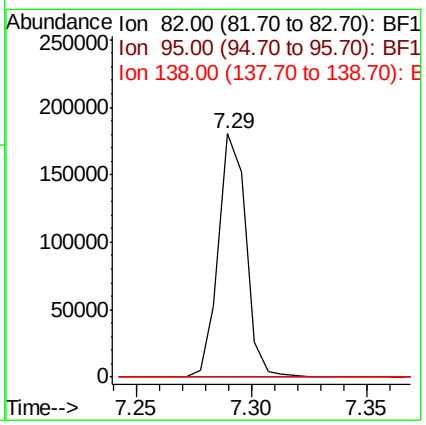


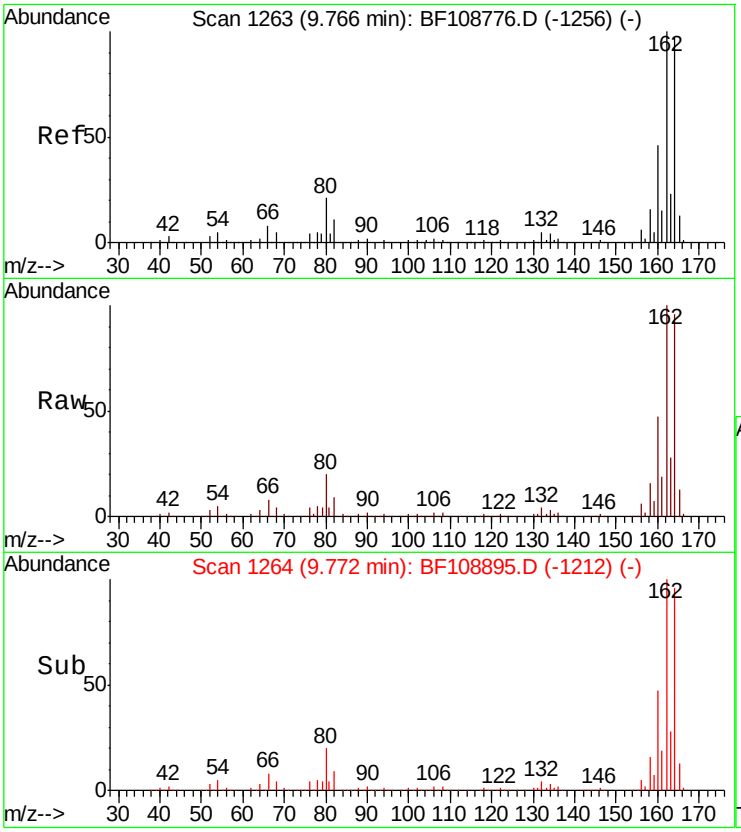


#25
Isophorone
Concen: 6.569 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.27 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Tgt Ion: 82 Resp: 150051

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



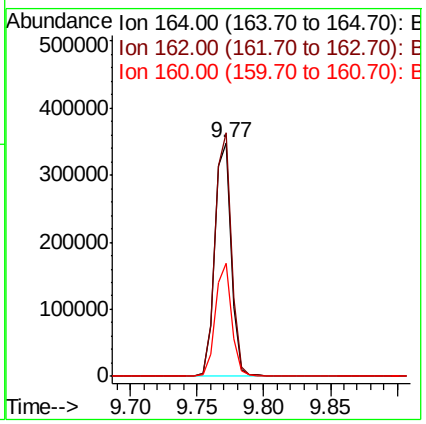


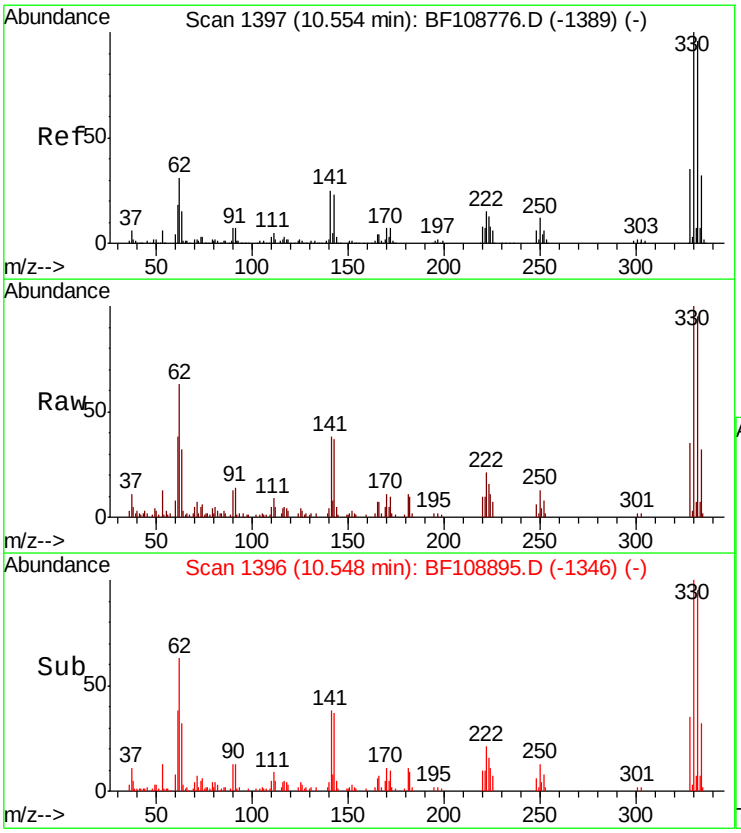
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 305114

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	48.6	38.3	57.5

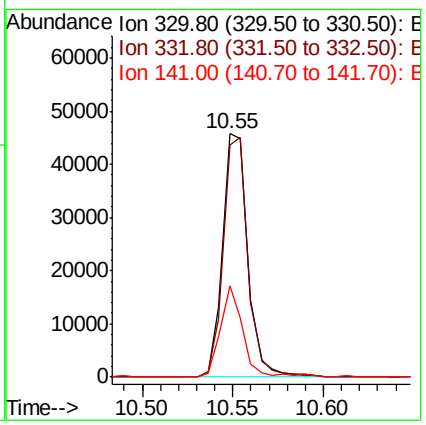


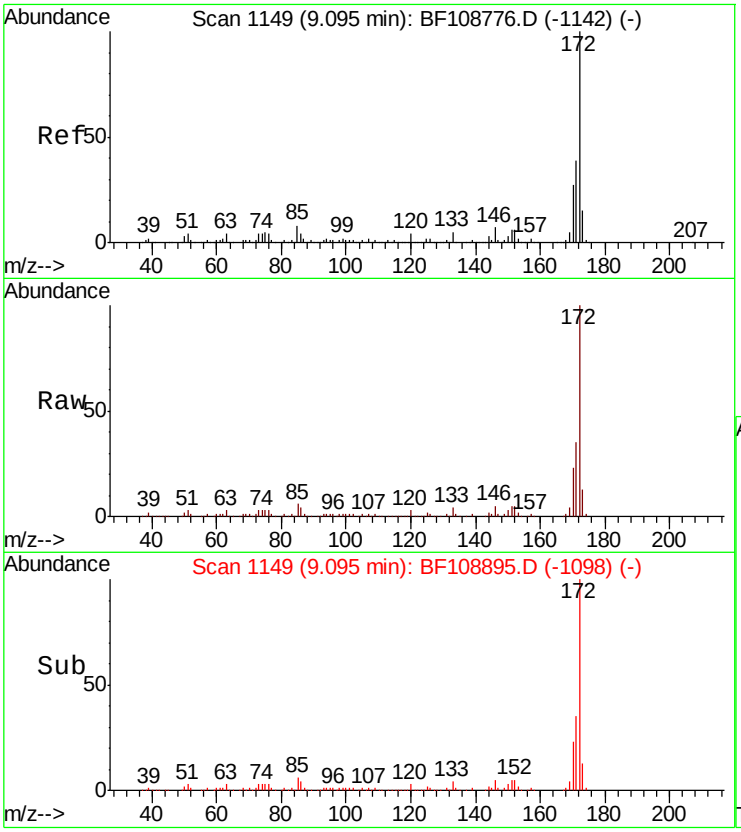


#41
2,4,6-Tribromophenol
Concen: 15.257 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Tgt Ion:330 Resp: 44440

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.3	29.9	44.9



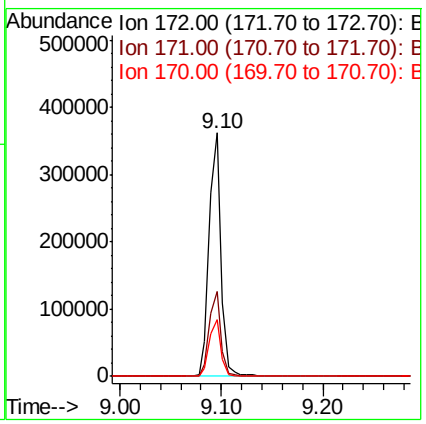


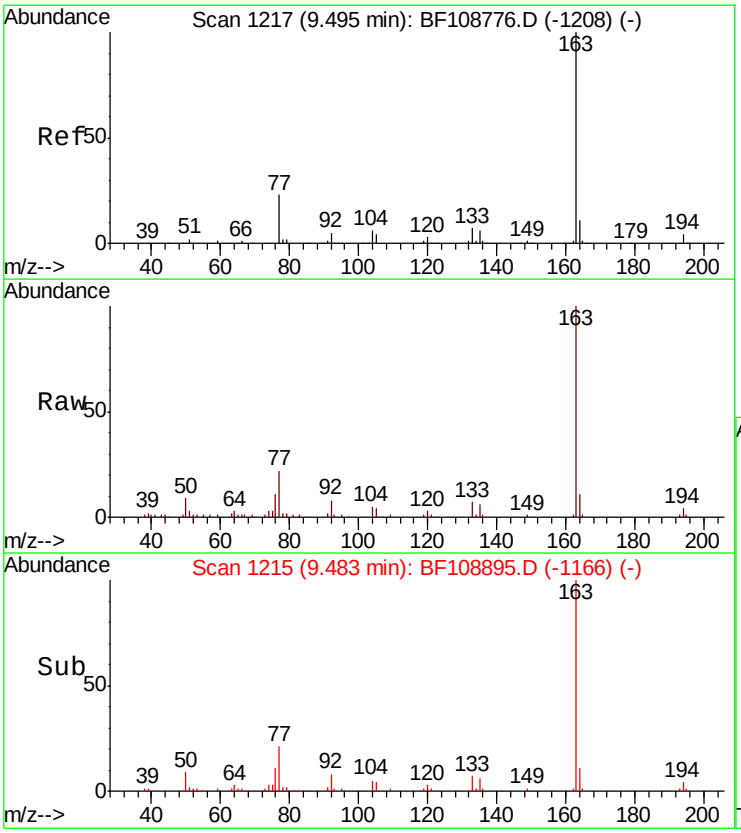
#44
2-Fluorobiphenyl
Concen: 16.539 ng
RT: 9.10 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 295793

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	23.1	19.6	29.4

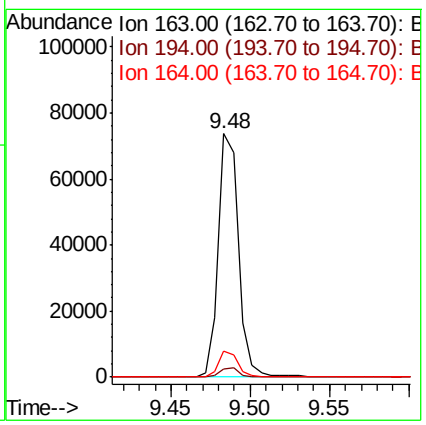


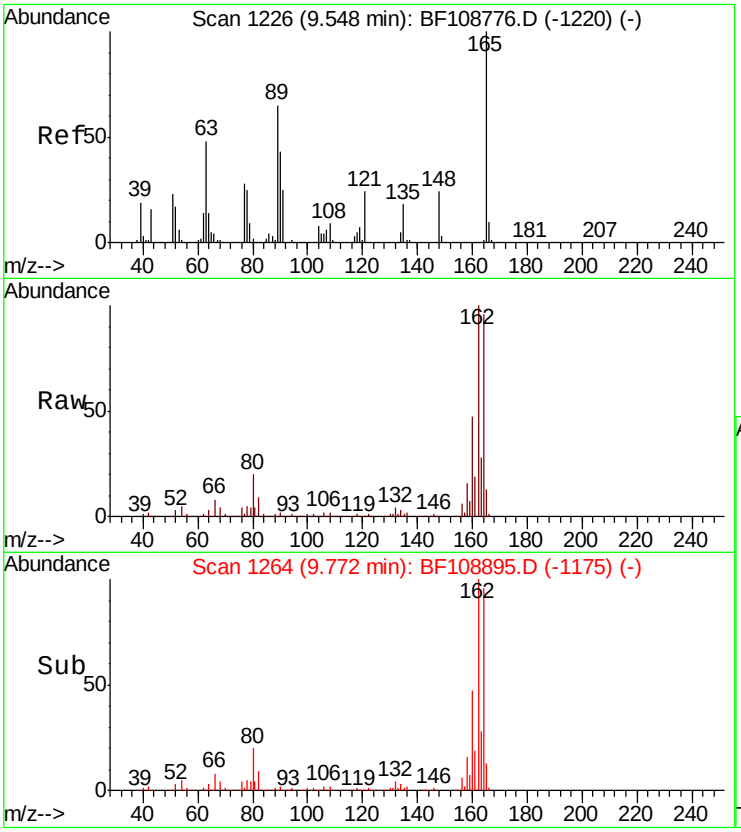


#49
Dimethylphthalate
Concen: 3.052 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Tgt Ion:163 Resp: 65133

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.9	8.2	12.2



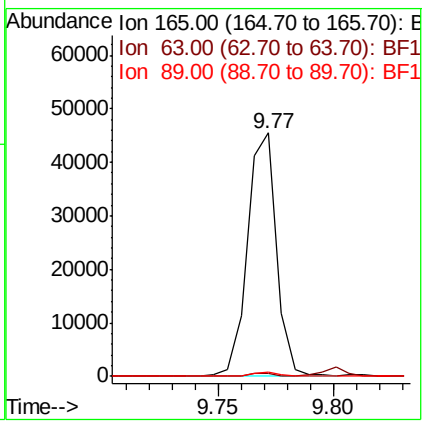


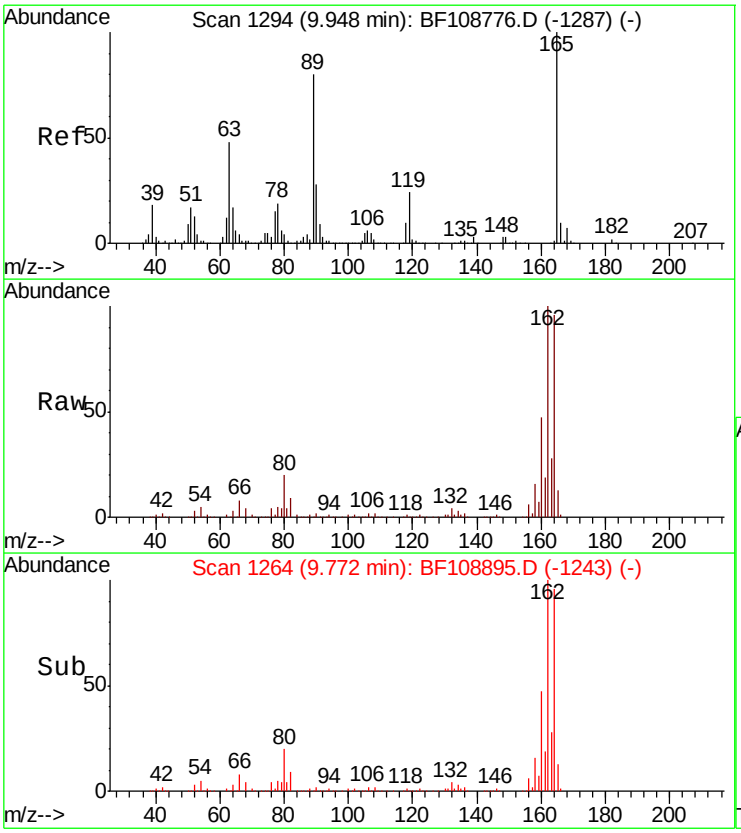
#50
2,6-Dinitrotoluene
Concen: 9.864 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.22 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:165 Resp: 40112

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.7	44.0	66.0#

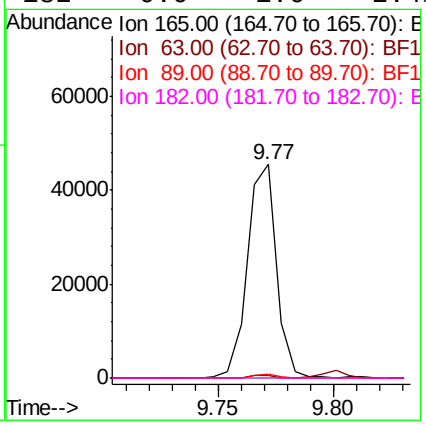


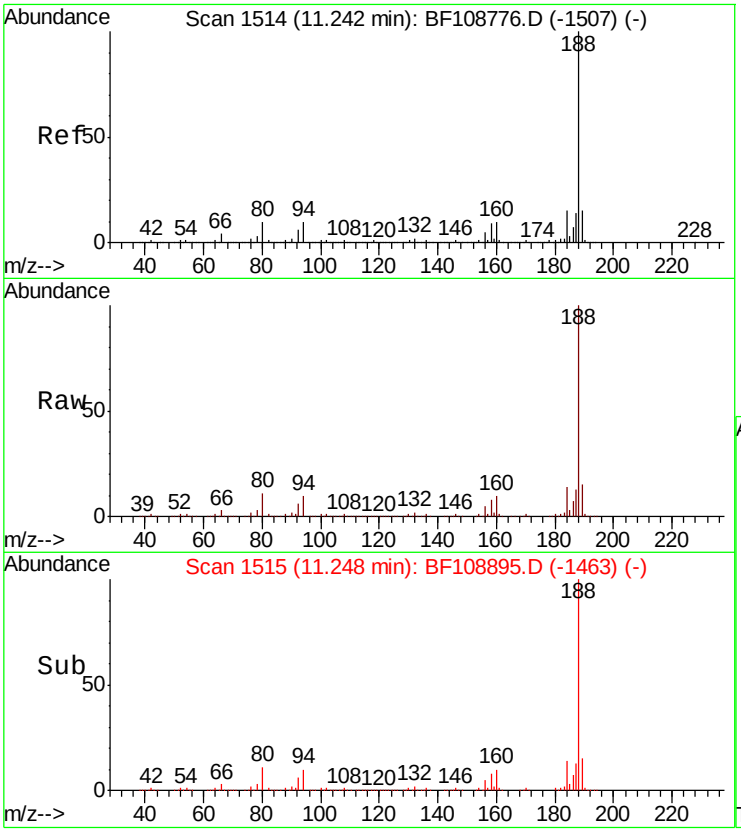


#56
2,4-Dinitrotoluene
Concen: 7.713 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.18 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Tgt Ion:165 Resp: 40112

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



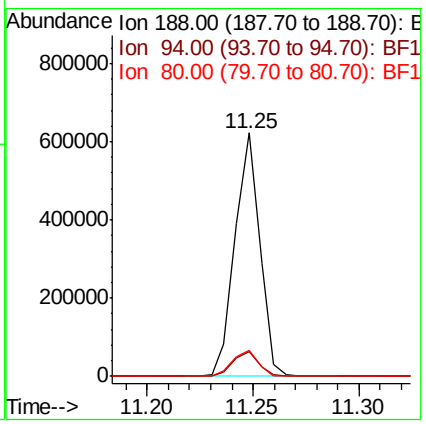


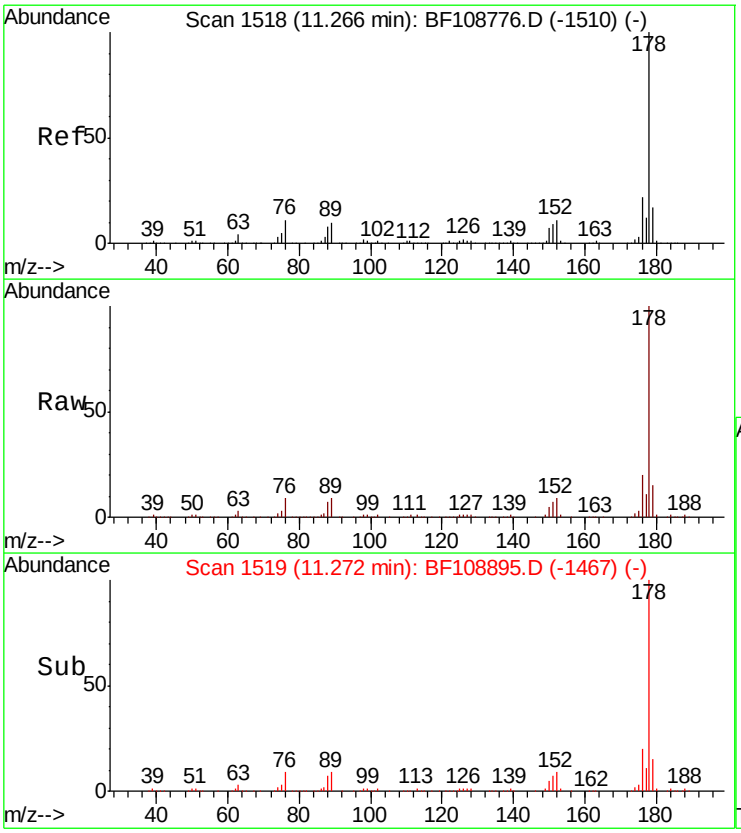
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 504060

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.6	9.2	13.8

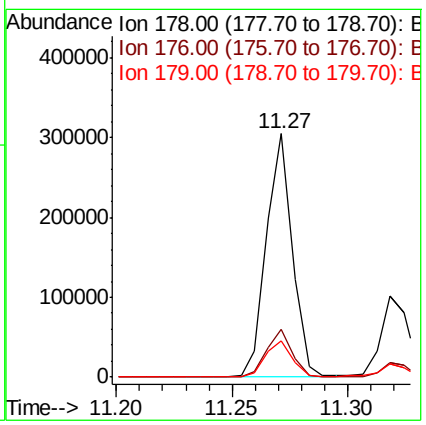


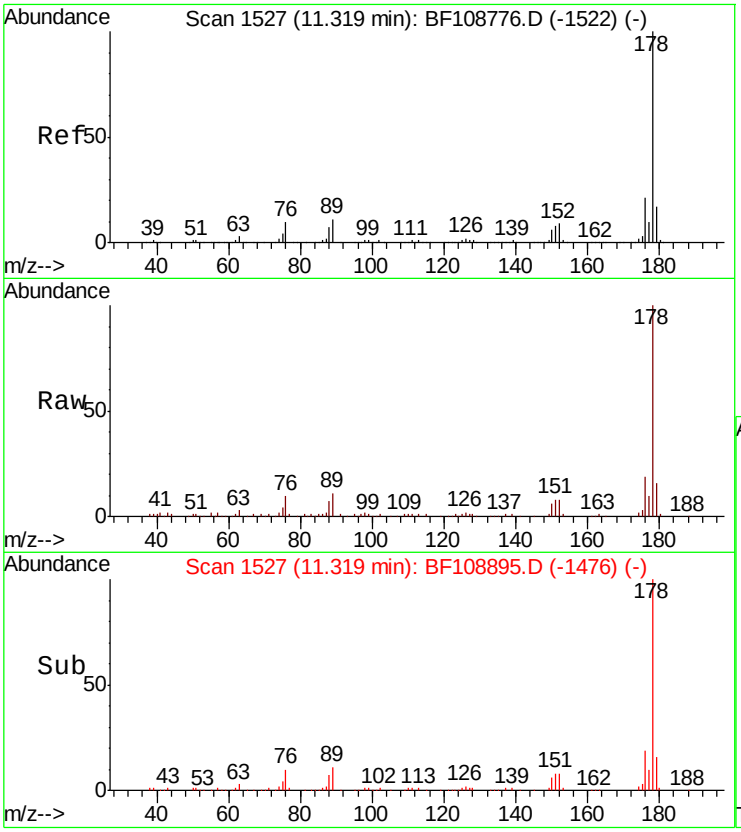


#70
Phenanthrene
Concen: 9.945 ng
RT: 11.27 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Tgt Ion:178 Resp: 239398

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	14.7	13.0	19.6



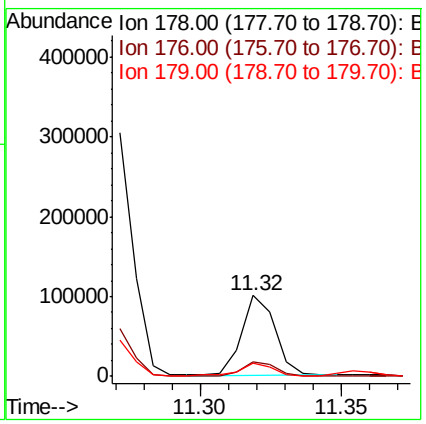


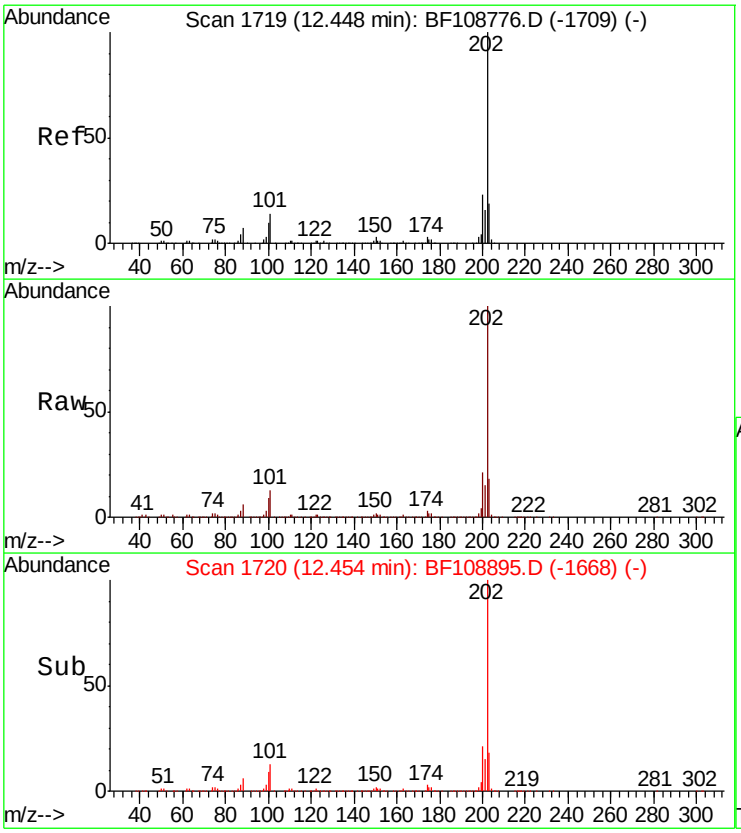
#71
Anthracene
Concen: 3.564 ng
RT: 11.32 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 82145

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.9	12.6	19.0

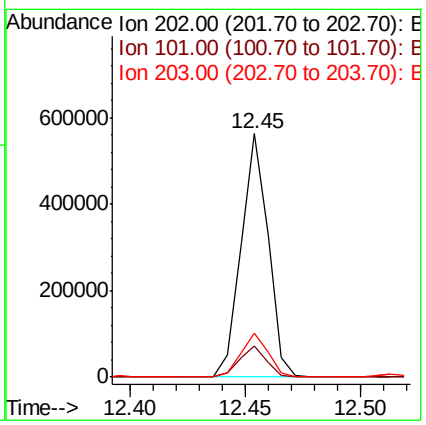


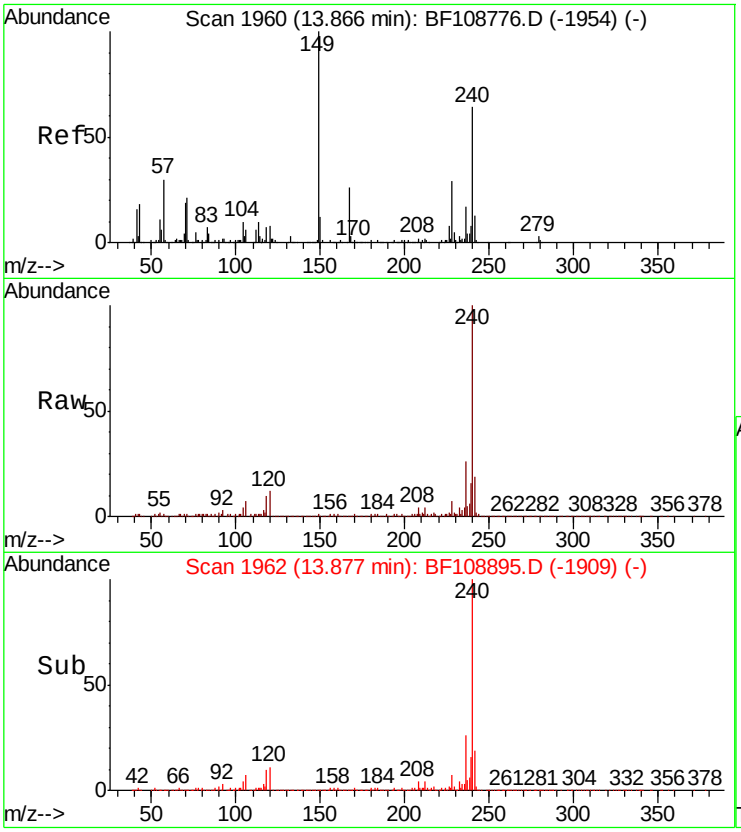


#74
Fluoranthene
Concen: 19.319 ng
RT: 12.45 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Tgt Ion:202 Resp: 460415

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.1
203	17.8	0.0	38.1



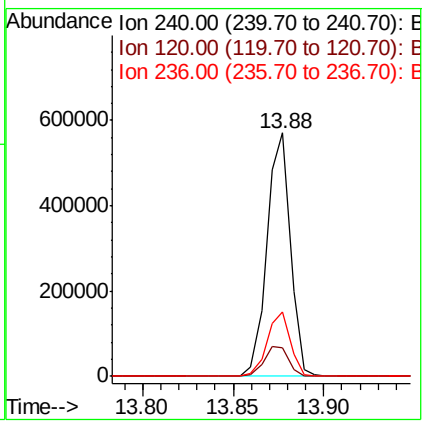


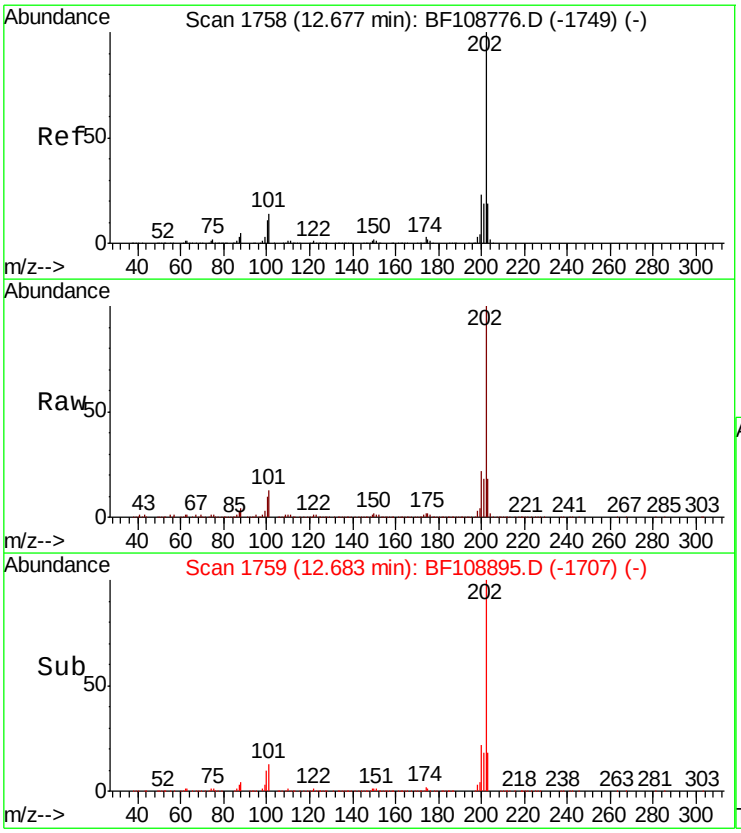
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 511814

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	26.4	20.7	31.1

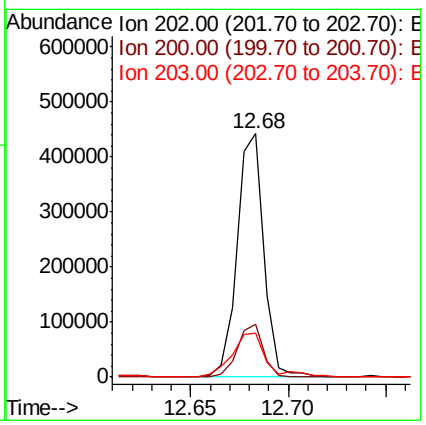


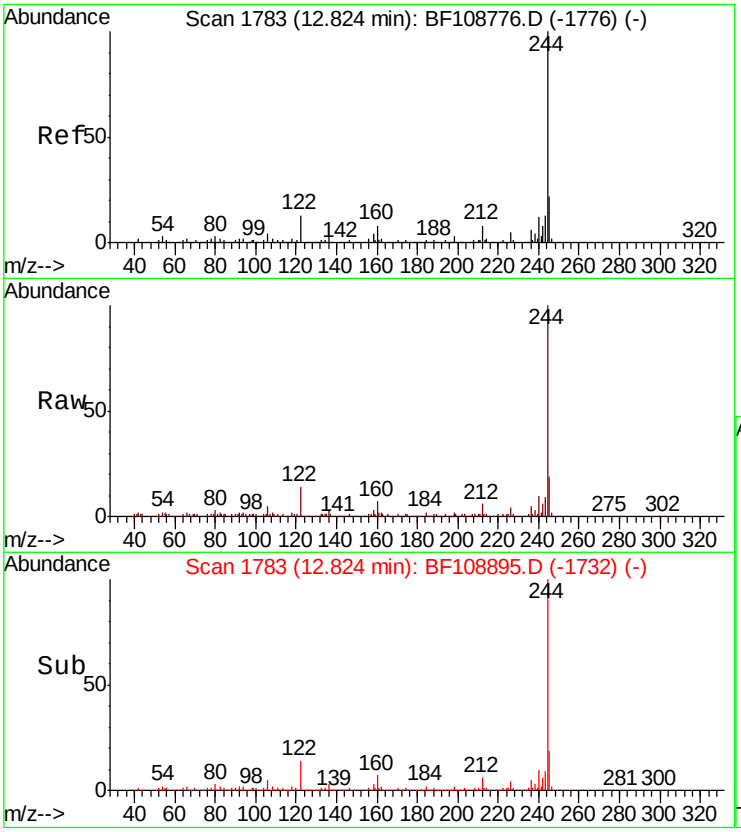


#77
Pyrene
Concen: 10.560 ng
RT: 12.68 min Scan# 1759
Delta R.T. 0.01 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Tgt Ion:202 Resp: 415900

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.1	14.3	21.5



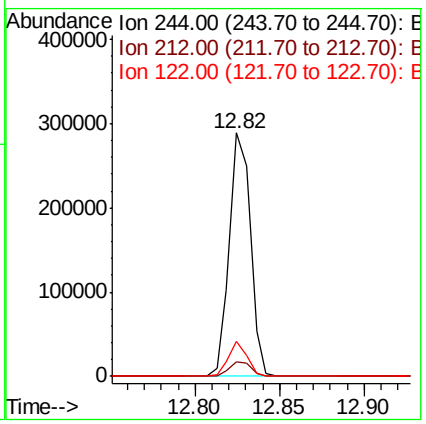


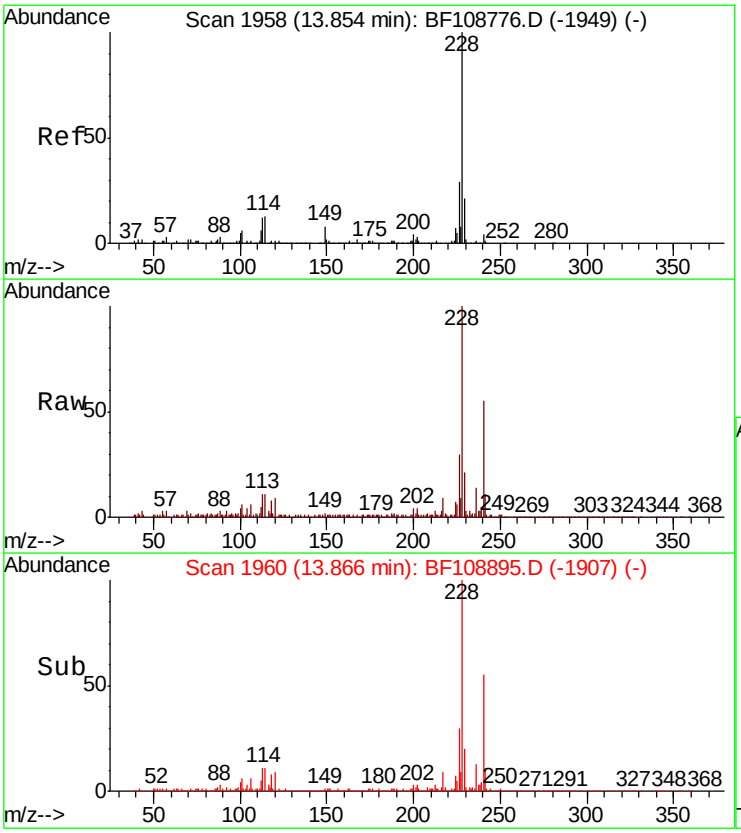
#78
Terphenyl-d14
Concen: 11.466 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 251657

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	14.3	11.0	16.4

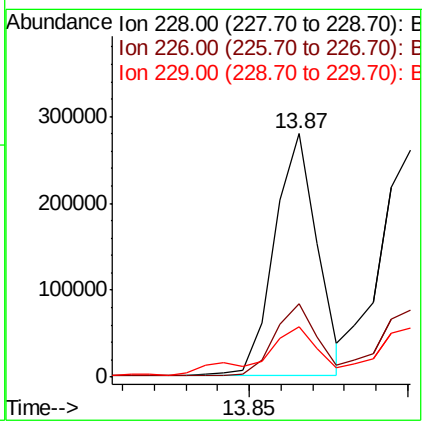


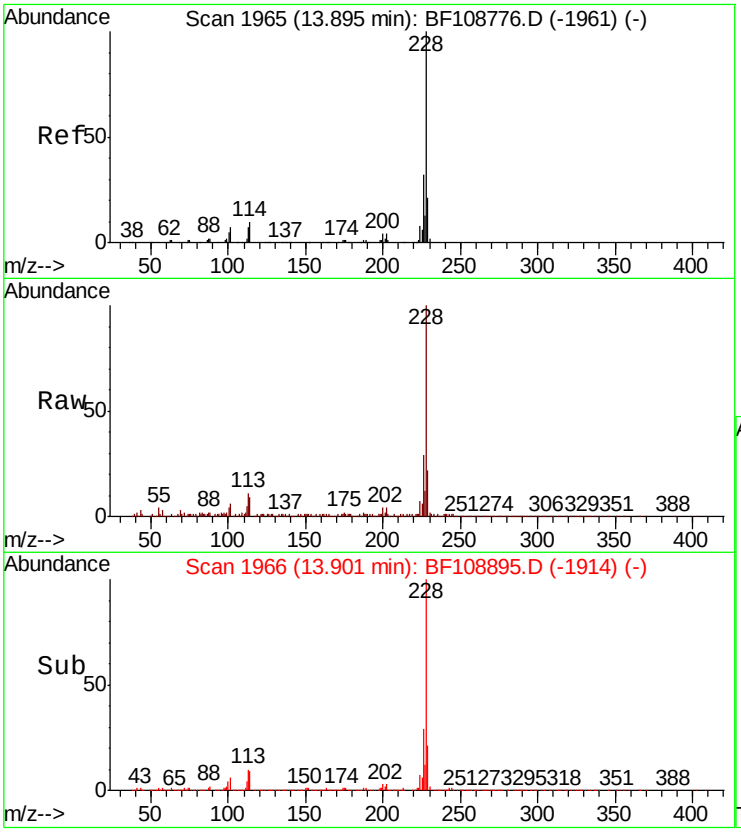


#80
Benzo(a)anthracene
Concen: 7.992 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Tgt Ion:228 Resp: 262189

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	20.6	15.8	23.6



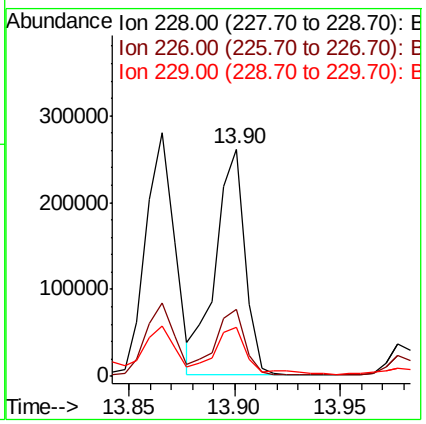


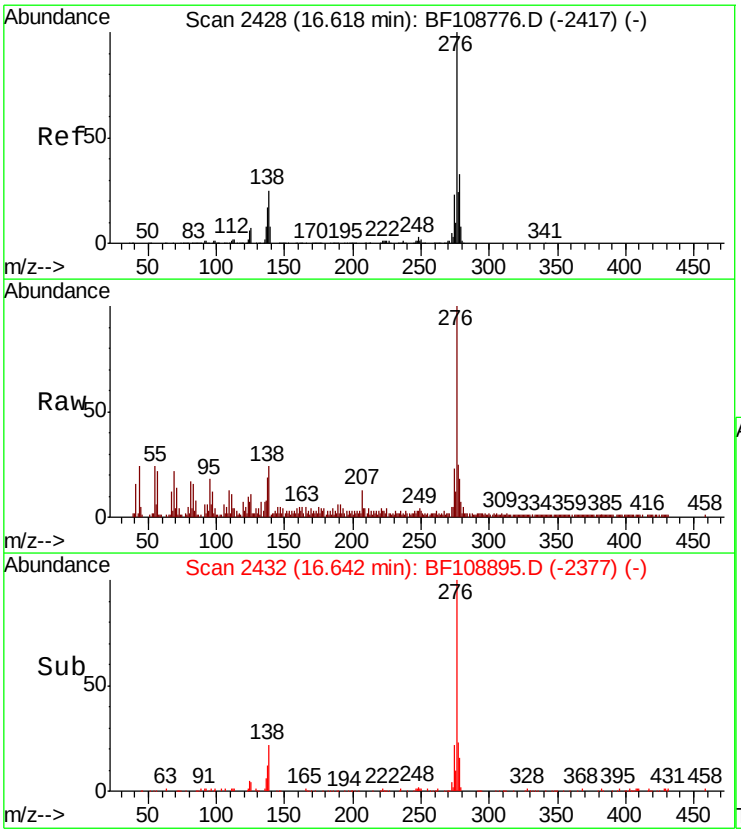
#82
Chrysene
Concen: 7.944 ng
RT: 13.90 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 252275

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	21.6	16.2	24.4

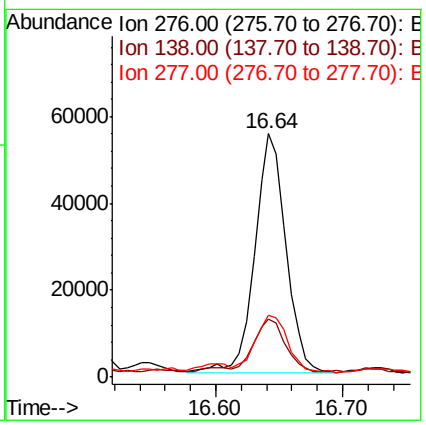


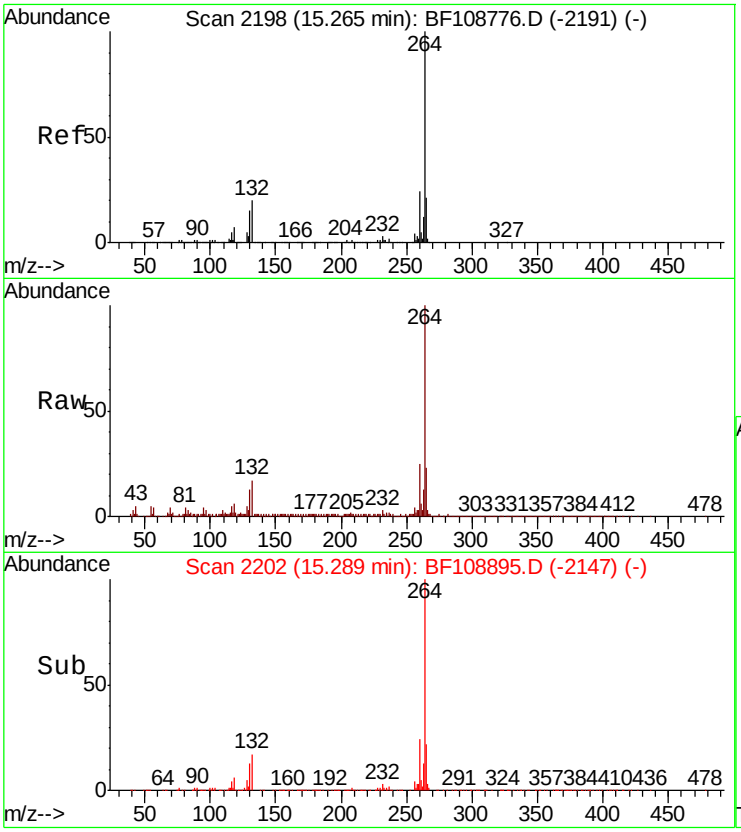


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.339 ng
RT: 16.64 min Scan# 2432
Delta R.T. 0.02 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Tgt Ion:276 Resp: 93833

Ion	Ratio	Lower	Upper
276	100		
138	22.5	25.0	37.6#
277	25.7	20.1	30.1



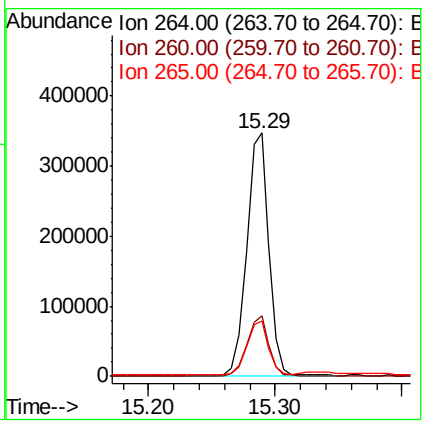


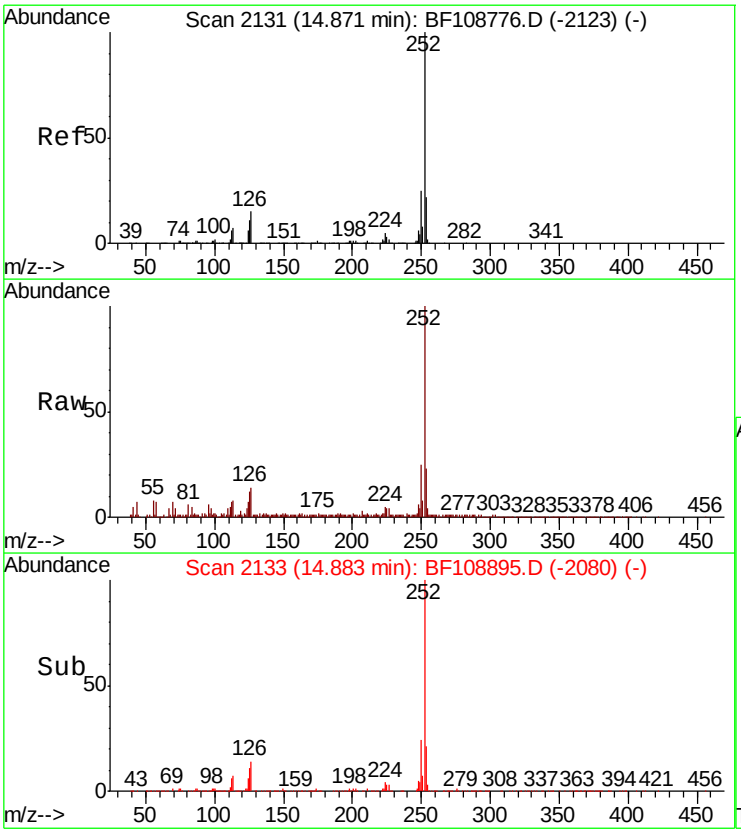
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2202
Delta R.T. 0.02 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 418288

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.7	17.5	26.3

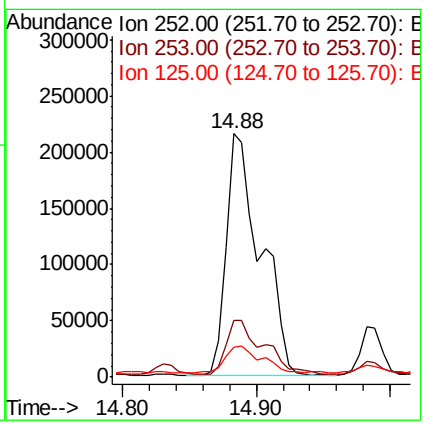


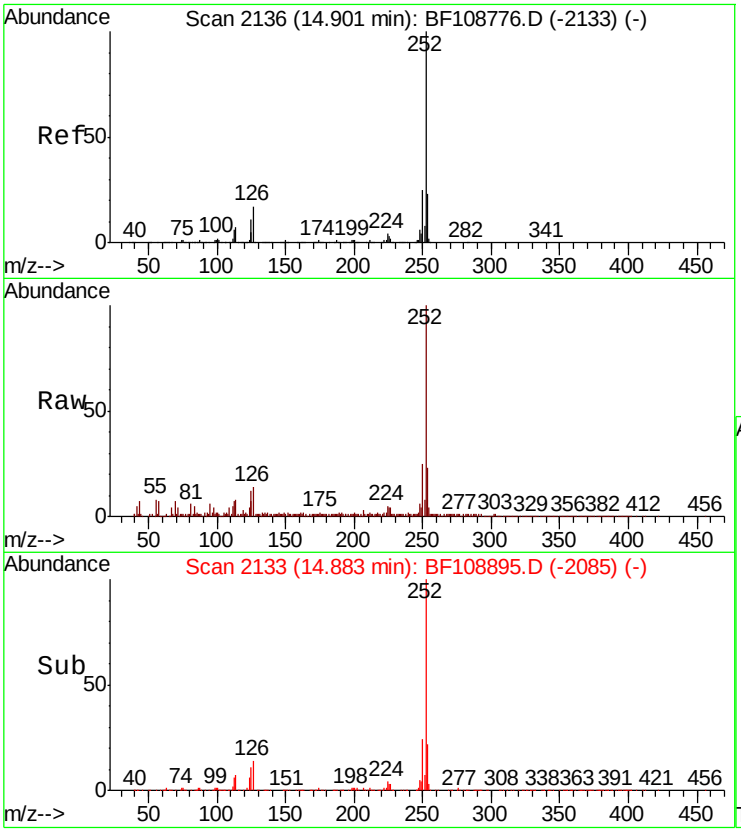


#87
Benzo(b)fluoranthene
Concen: 16.992 ng
RT: 14.88 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Tgt Ion:252 Resp: 386469

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	12.4	9.0	13.6



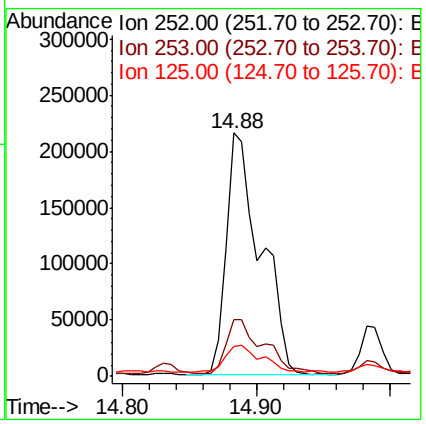


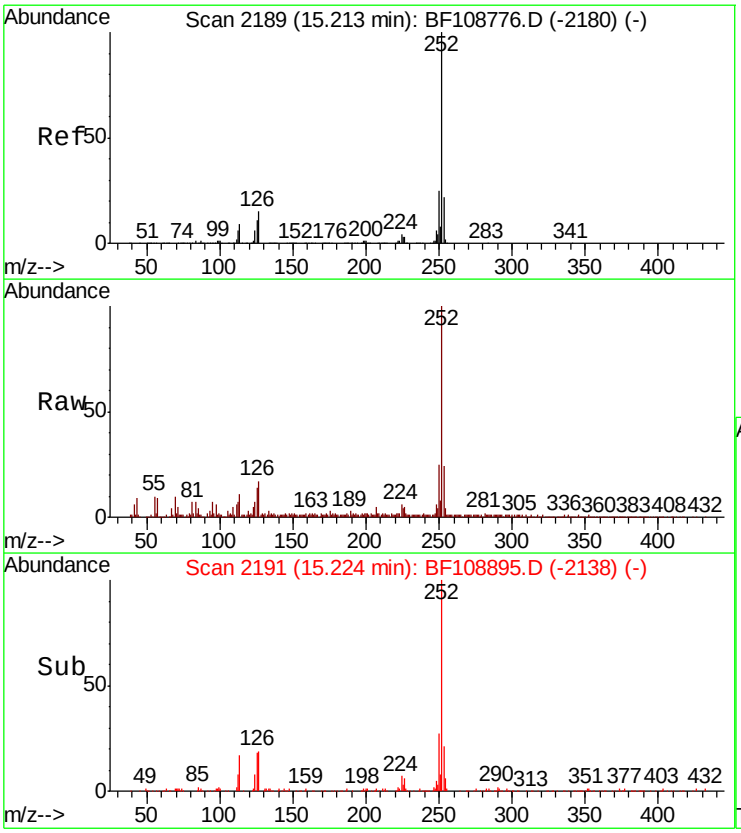
#88
Benzo(k)fluoranthene
Concen: 18.451 ng
RT: 14.88 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 386469

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	12.4	10.2	15.2

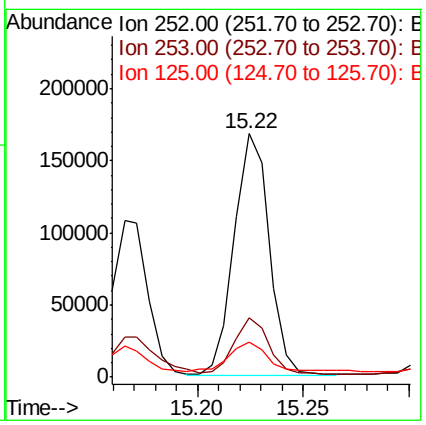


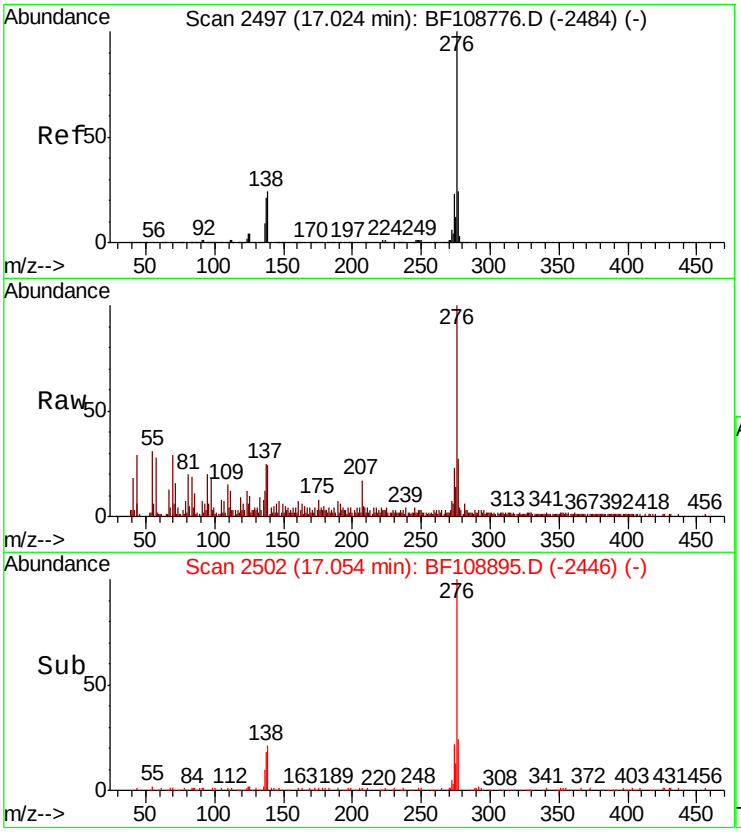


#89
Benzo(a)pyrene
Concen: 9.390 ng
RT: 15.22 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Tgt Ion:252 Resp: 192717

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	14.3	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.578 ng
RT: 17.05 min Scan# 2502
Delta R.T. 0.03 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 82889

Ion	Ratio	Lower	Upper
276	100		
277	26.5	17.9	26.9
138	24.2	21.8	32.8