Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042219\
Data File : BF113895.D
Acq On : 22 Apr 2019 23:09
Operator : JU/SJ
Sample : K2201-07RE 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

Quant Time: Apr 23 03:56:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	172612	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	587058	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	275400	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	577357	20.00	ng		0.00
76) Chrysene-d12	14.06	240	588218	20.00	ng		-0.01
87) Perylene-d12	15.54	264	520288	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	416453	41.26	ng		0.00
7) Phenol-d6	6.52	99	514728	40.65	ng		0.00
23) Nitrobenzene-d5	7.45	82	288968	30.39	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	148947	44.40	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	557107	31.64	ng		0.00
79) Terphenyl-d14	13.00	244	767699	26.76	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.66	77	9283	Below Cal			82
19) n-Nitroso-di-n-propylamine	7.45	70	38731	4.723	ng	#	77
25) Isophorone	7.45	82	288962	14.853	ng	#	65
49) Acenaphthylene	9.79	152	66090	2.467	ng		99
50) Dimethylphthalate	9.64	163	50028	2.512	ng		99
51) 2,6-Dinitrotoluene	9.93	165	37134	8.690	ng	#	34
57) 2,4-Dinitrotoluene	9.93	165	37134	6.885	ng	#	30
65) 4,6-Dinitro-2-methylphenol	10.72	198	294	7.402	ng	#	1
71) Phenanthrene	11.44	178	173654	5.985	ng		98
72) Anthracene	11.49	178	69511	2.372	ng		97
75) Fluoranthene	12.63	202	539474	17.041	ng		98
78) Pyrene	12.86	202	521842	12.686	ng		98
81) Benzo(a)anthracene	14.04	228	350193	10.105	ng		95
83) Chrysene	14.08	228	339567	10.061	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	346491	16.827	ng		99
86) Indeno(1,2,3-cd)pyrene	17.02	276	146659	4.587	ng		94
88) Benzo(b)fluoranthene	15.10	252	544142	16.530	ng	#	96
89) Benzo(k)fluoranthene	15.10	252	544142	19.217	ng		98
90) Benzo(a)pyrene	15.47	252	261269	9.176	ng		94
92) Benzo(g,h,i)perylene	17.47	276	125524	4.654	ng		97

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

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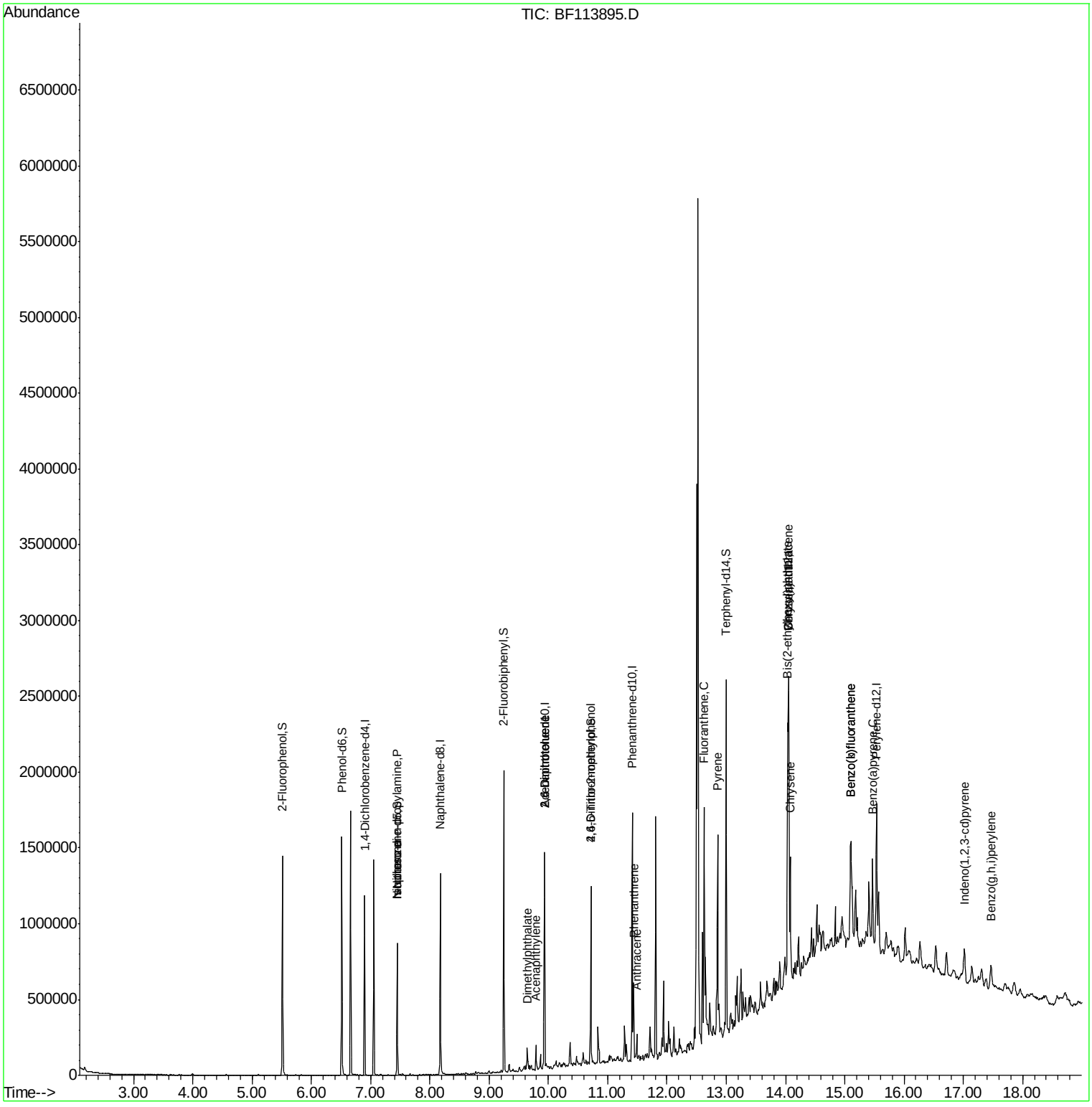
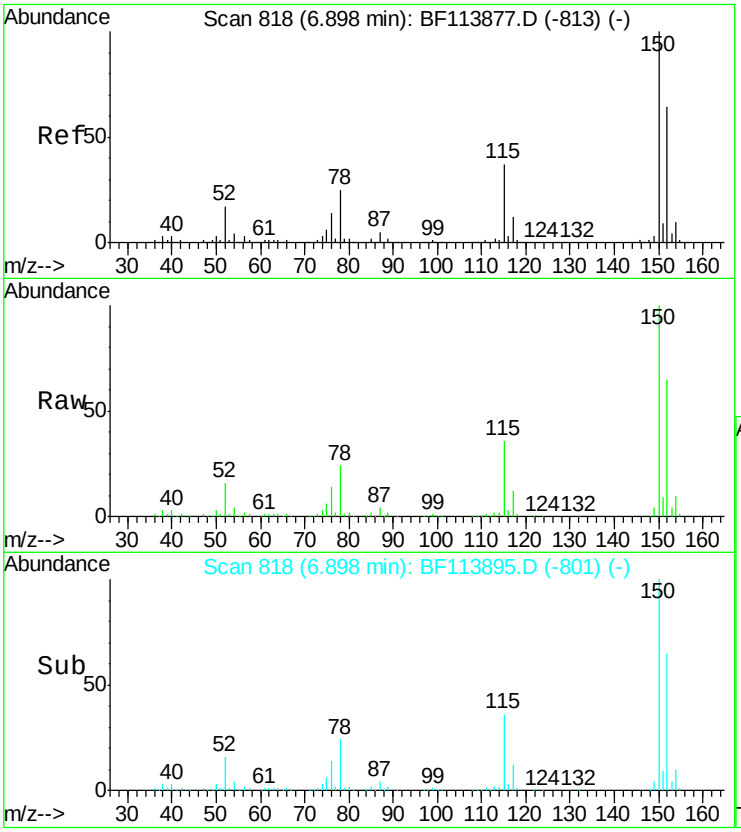


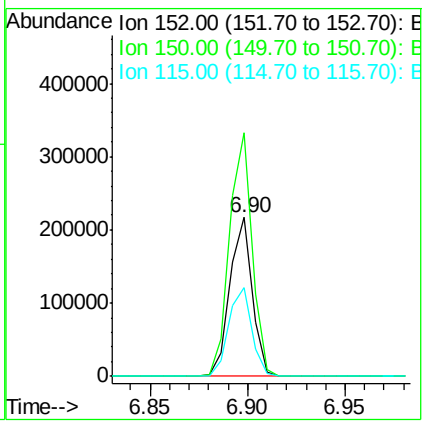


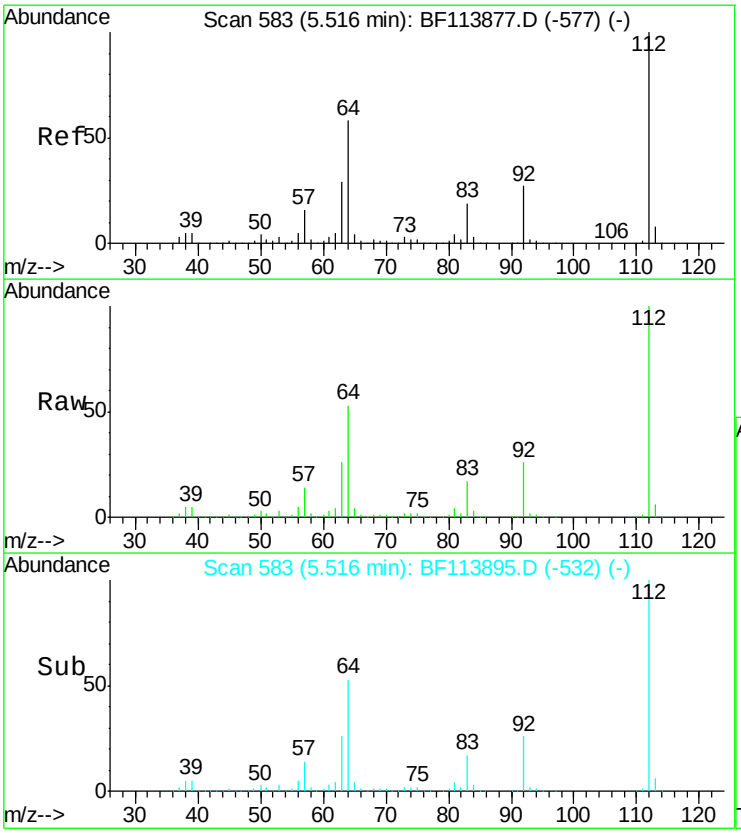
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-D

Tgt Ion:152 Resp: 172612

Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.9	188.9
115	55.8	45.9	68.9

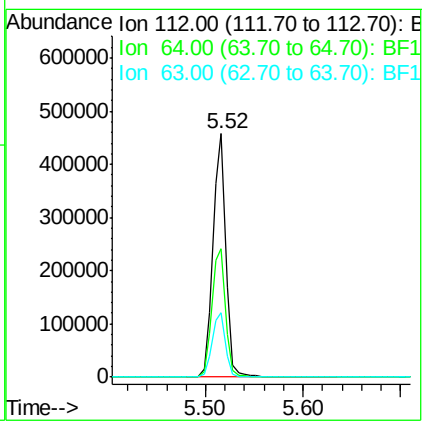


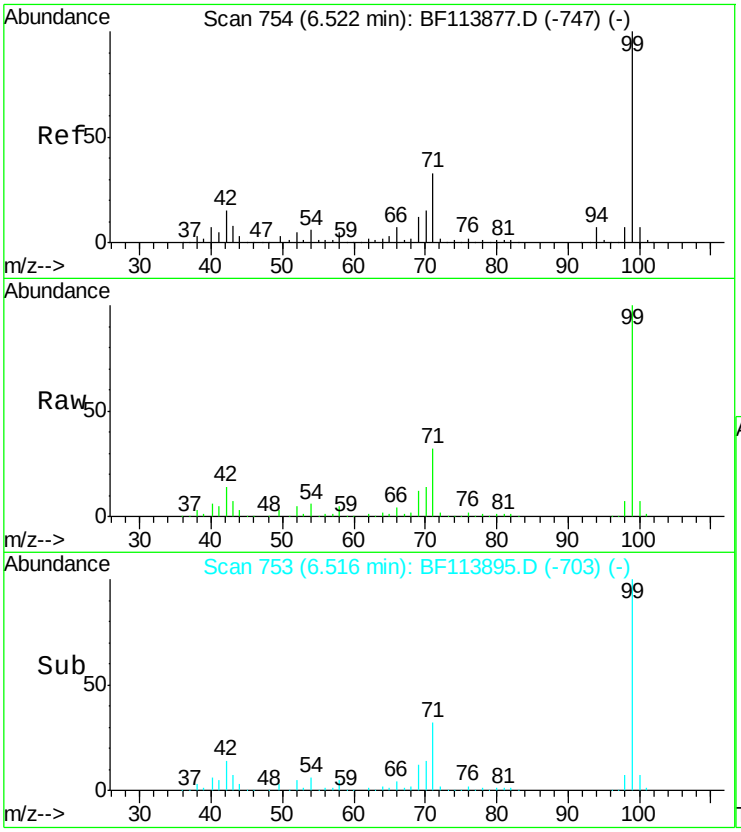


#5
2-Fluorophenol
Concen: 41.265 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Tgt Ion:112 Resp: 416453

Ion	Ratio	Lower	Upper
112	100		
64	52.8	46.6	69.8
63	26.3	23.1	34.7



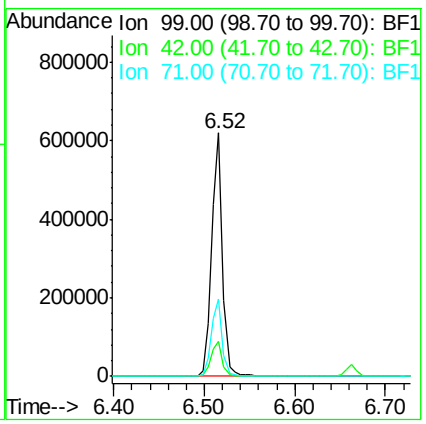


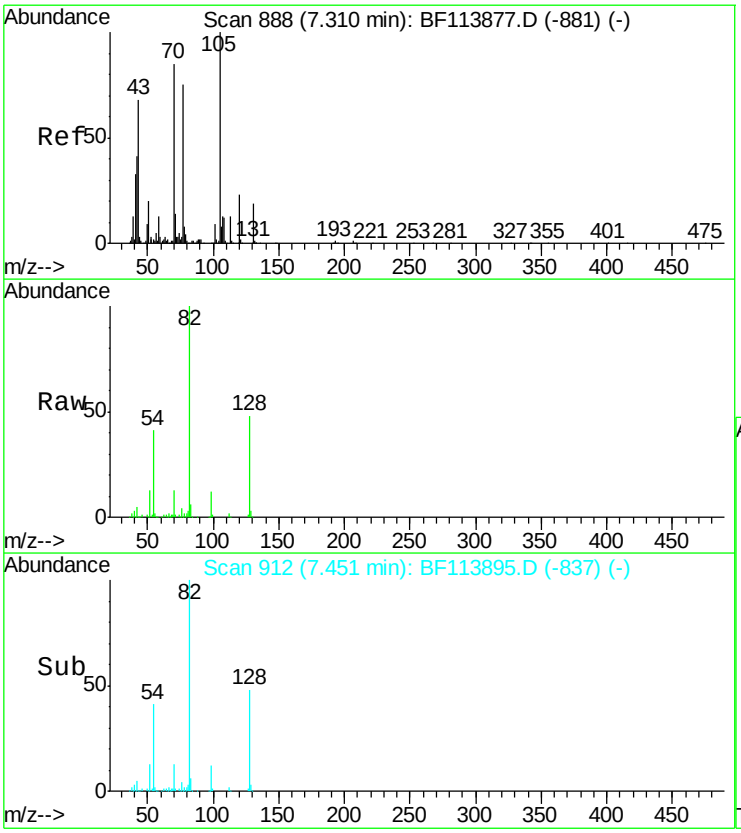
#7
Phenol-d6
Concen: 40.652 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-D

Tgt Ion: 99 Resp: 514728

Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.5	18.7
71	31.6	26.9	40.3

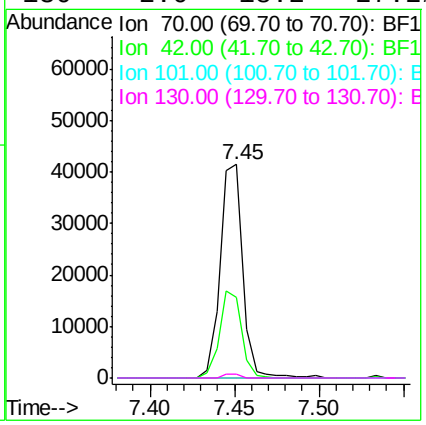


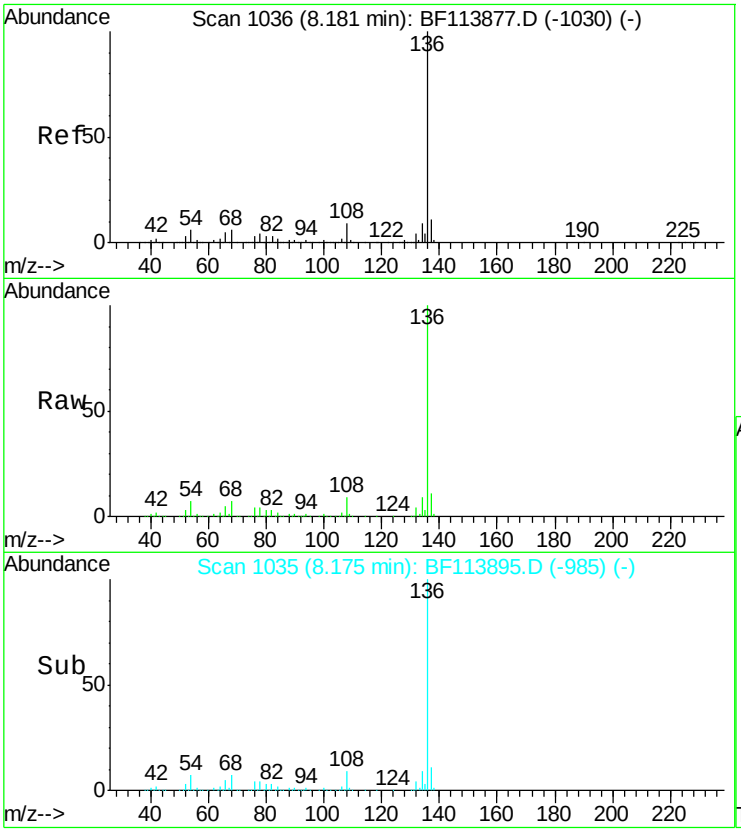


#19
n-Nitroso-di-n-propylamine
Concen: 4.723 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Tgt Ion: 70 Resp: 38731

Ion	Ratio	Lower	Upper
70	100		
42	37.9	37.3	55.9
101	0.0	7.8	11.8#
130	2.0	18.2	27.2#



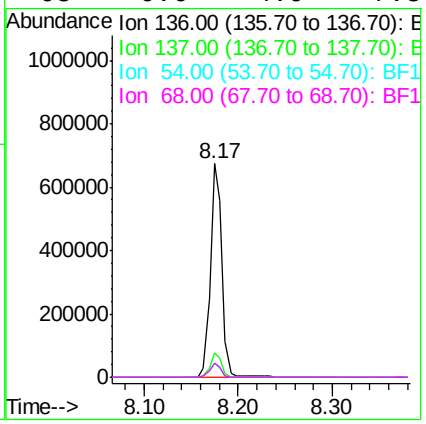


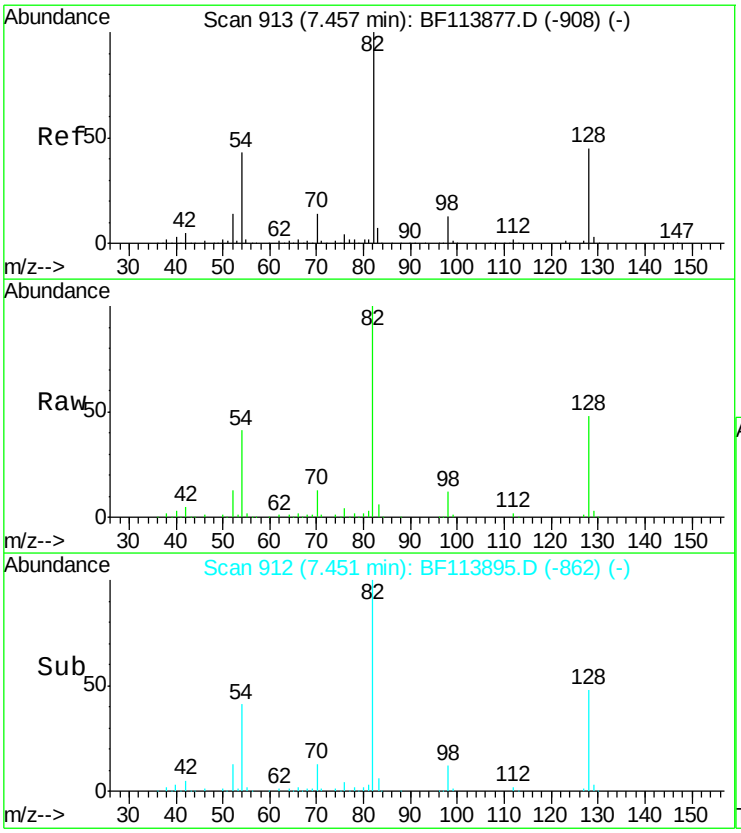
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-D

Tgt Ion:136 Resp: 587058

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	6.9	5.0	7.6
68	6.6	4.9	7.3

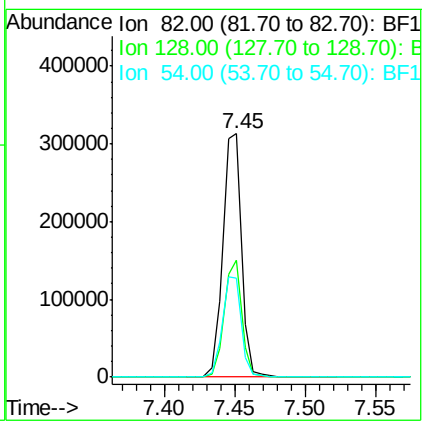


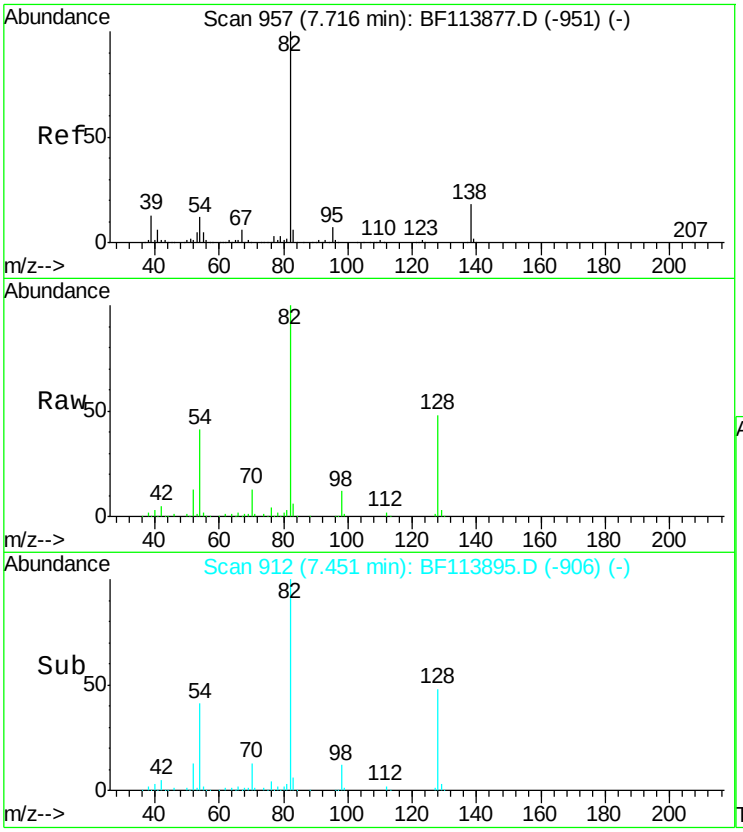


#23
Nitrobenzene-d5
Concen: 30.392 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Tgt Ion: 82 Resp: 288968

Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.8	55.2
54	40.6	33.8	50.6



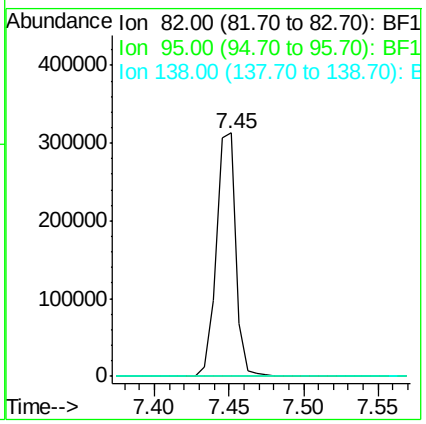


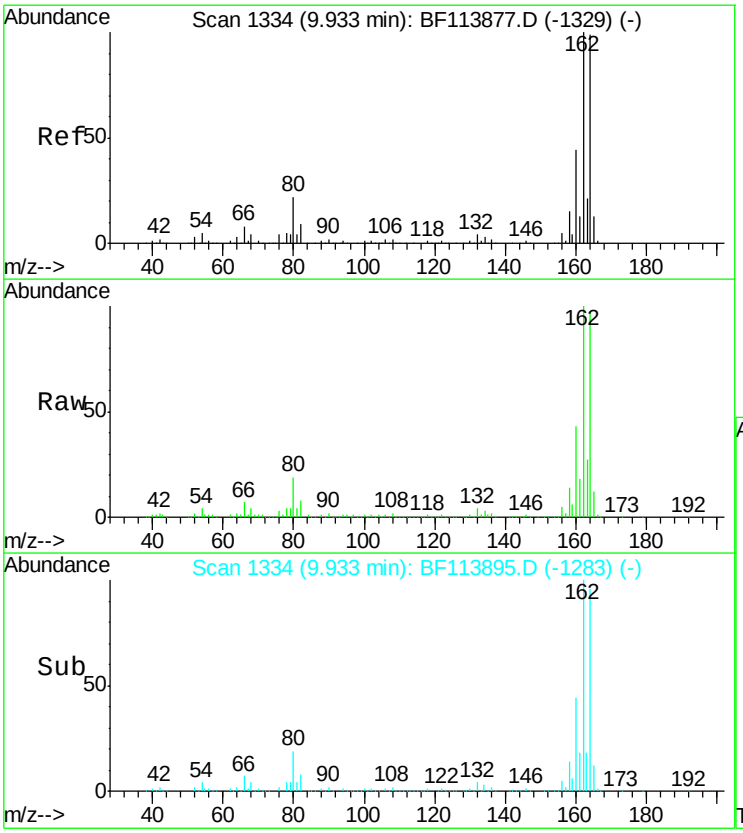
#25
Isophorone
Concen: 14.853 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-D

Tgt Ion: 82 Resp: 288962

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	22.0#

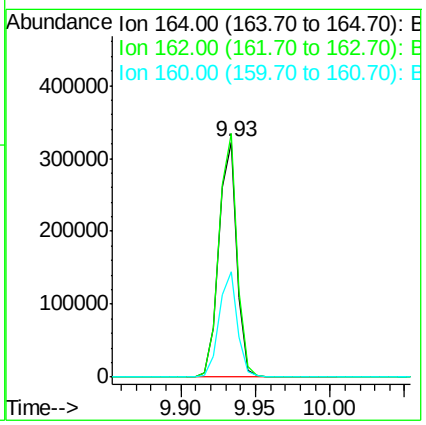


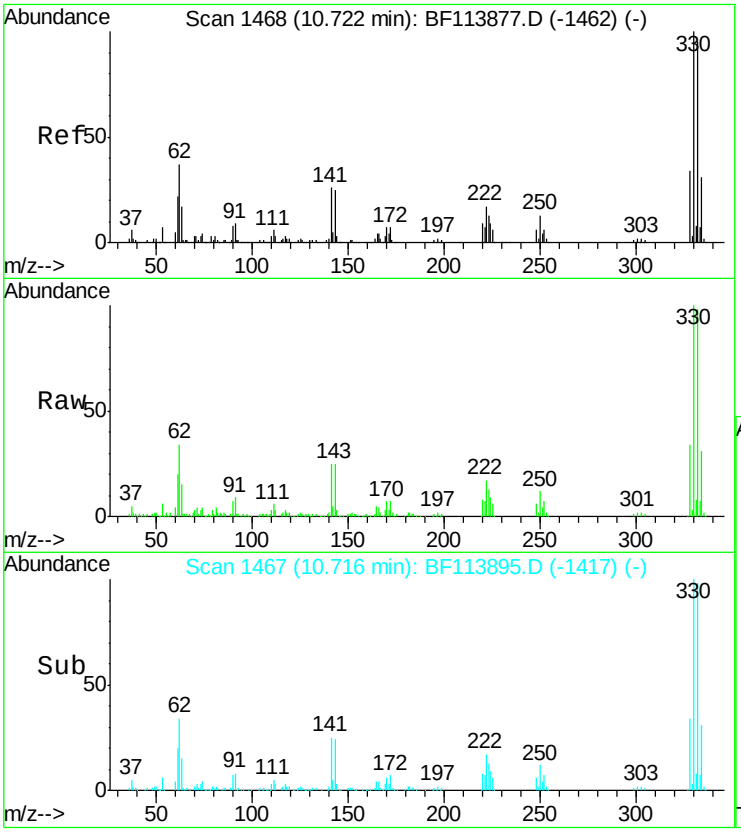


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Tgt Ion:164 Resp: 275400

Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.1	121.7
160	45.0	35.8	53.6



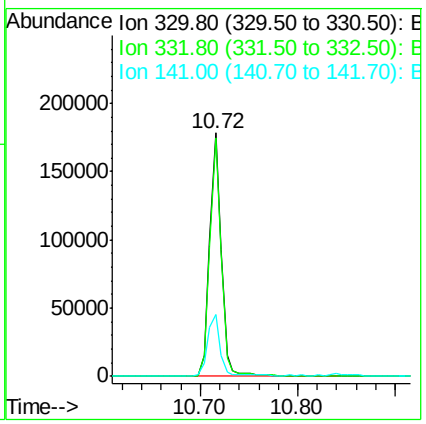


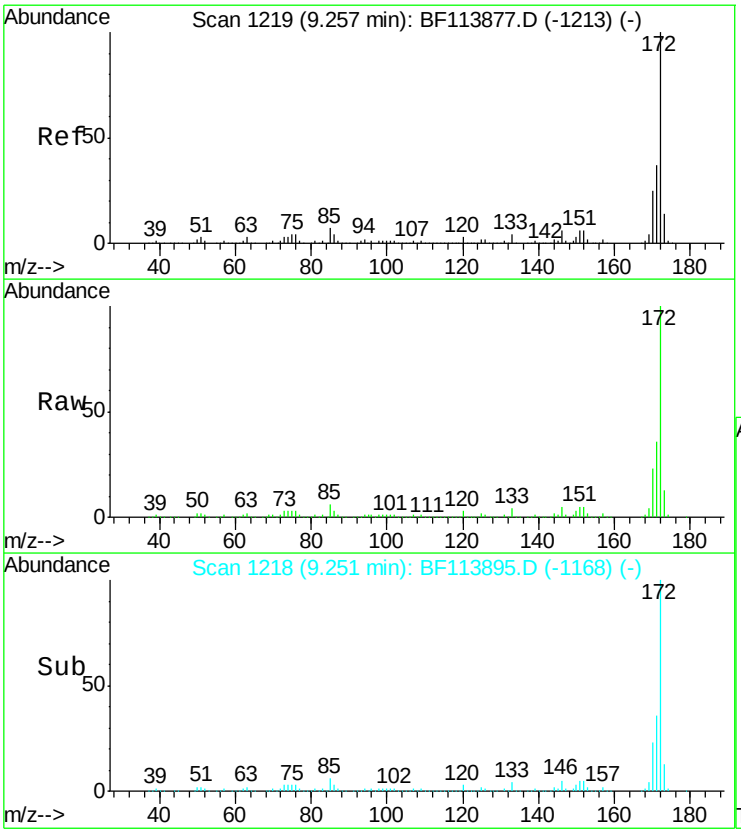
#42
2,4,6-Tribromophenol
Concen: 44.396 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-D

Tgt Ion:330 Resp: 148947

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.5	116.3
141	25.4	22.2	33.2

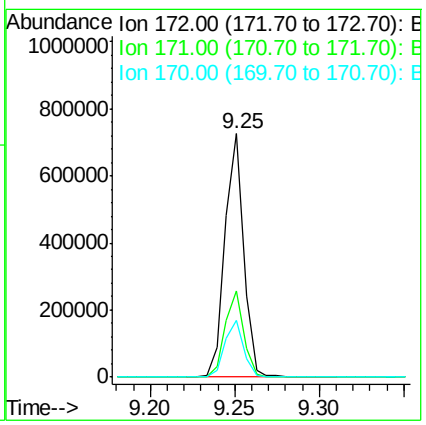


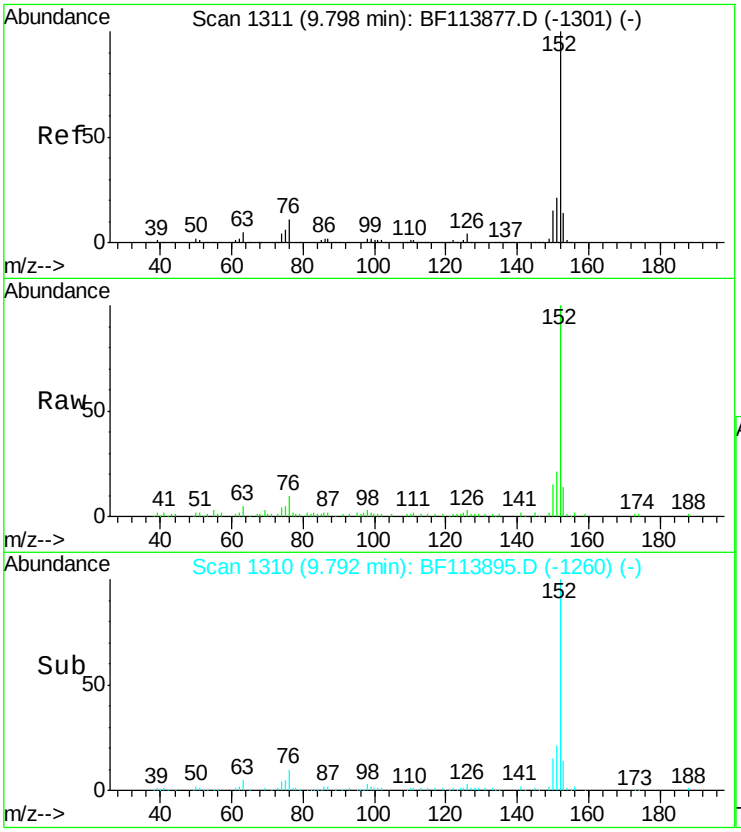


#45
2-Fluorobiphenyl
Concen: 31.639 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Tgt Ion:172 Resp: 557107

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	23.4	19.9	29.9



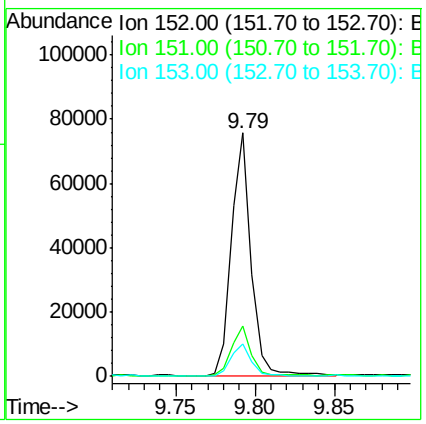


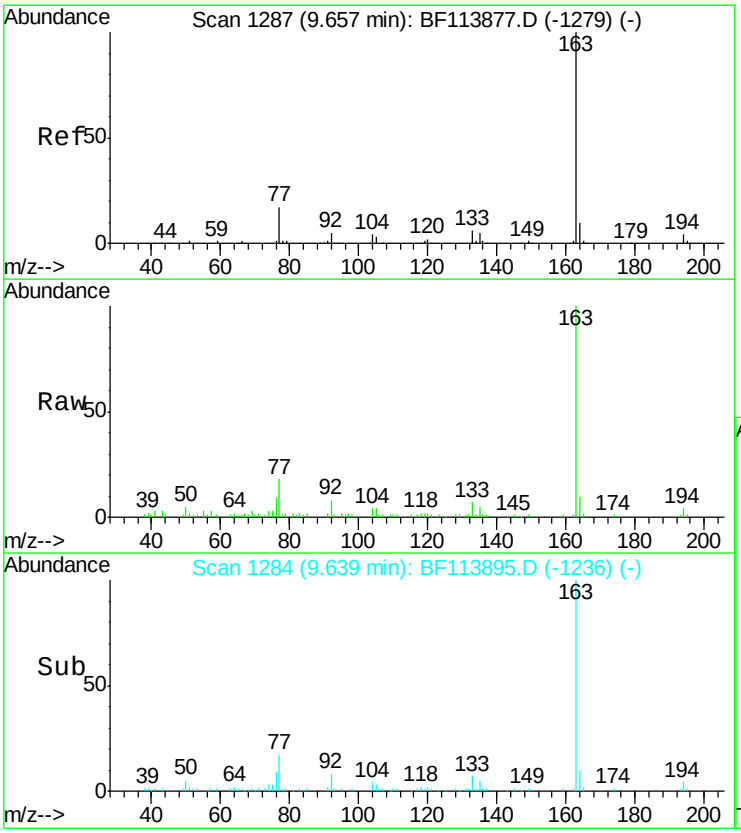
#49
Acenaphthylene
Concen: 2.467 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-D

Tgt Ion:152 Resp: 66090

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.0	25.4
153	13.6	11.0	16.6

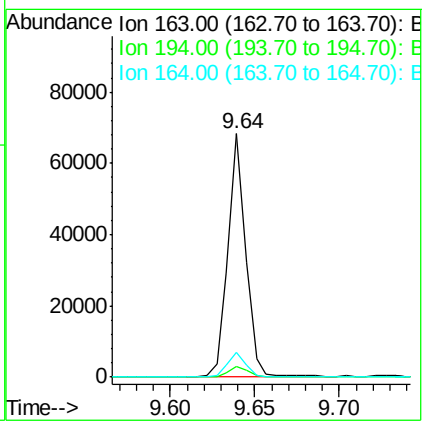


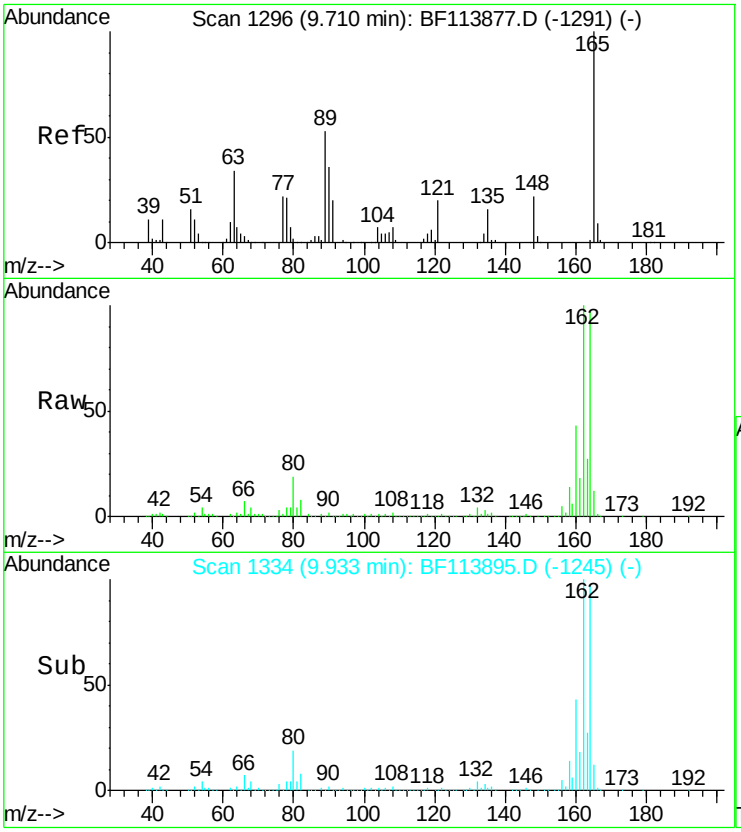


#50
Dimethylphthalate
Concen: 2.512 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Tgt Ion:163 Resp: 50028

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.0	8.5	12.7



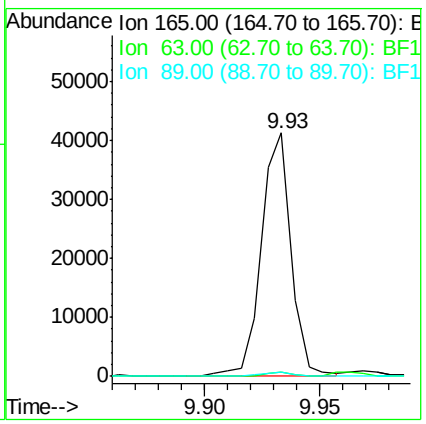


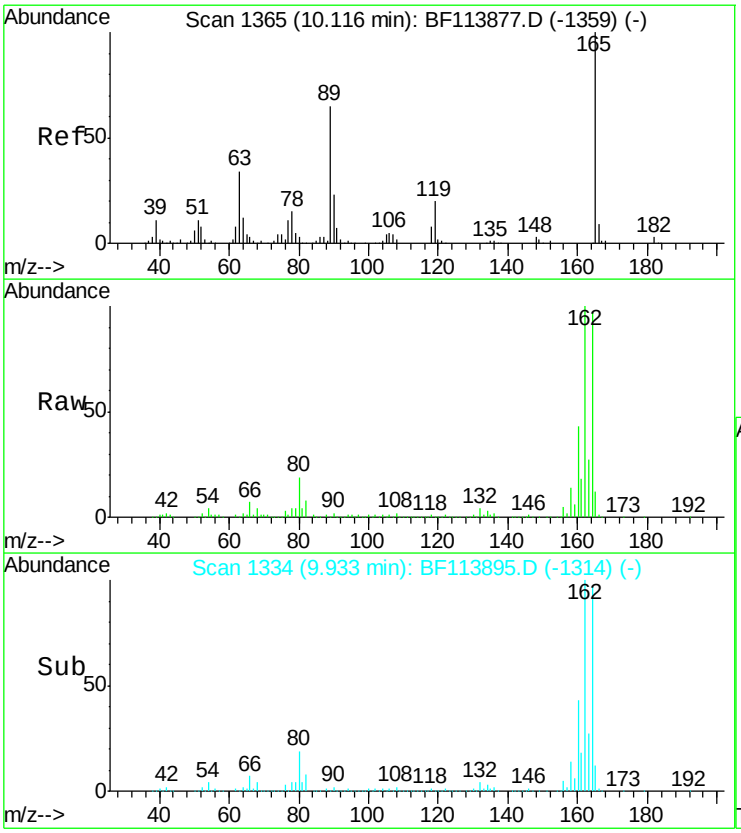
#51
2,6-Dinitrotoluene
Concen: 8.690 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-D

Tgt Ion:165 Resp: 37134

Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.8	50.8#
89	1.5	38.2	57.2#

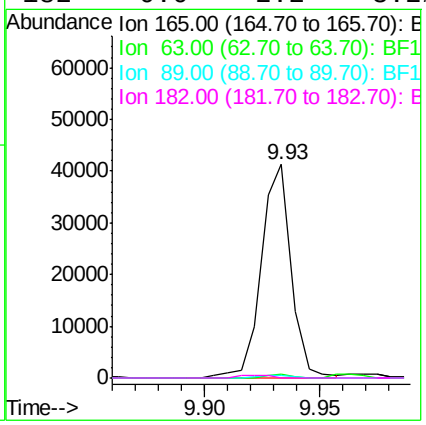


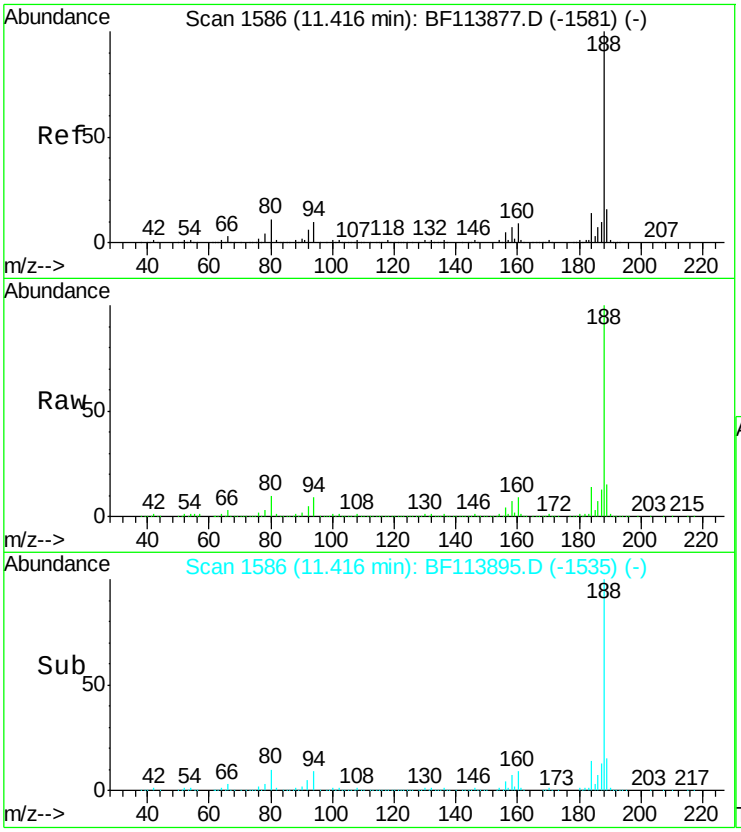


#57
2,4-Dinitrotoluene
Concen: 6.885 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Tgt Ion:165 Resp: 37134

Ion	Ratio	Lower	Upper
165	100		
63	1.7	27.4	41.0#
89	1.5	51.8	77.6#
182	0.0	2.2	3.2#



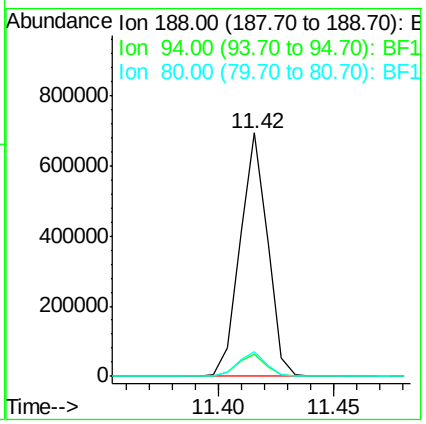


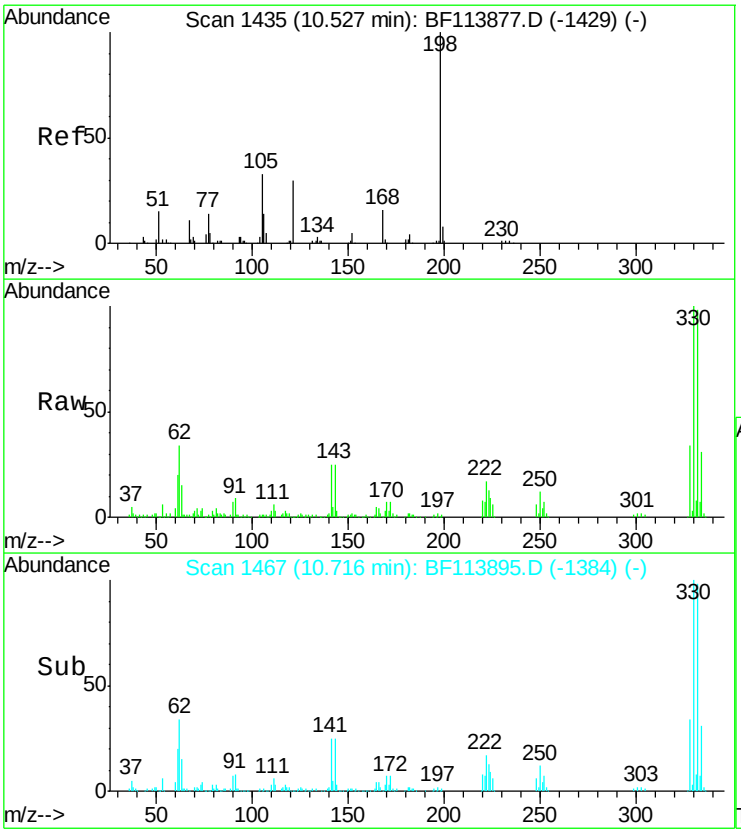
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-D

Tgt Ion:188 Resp: 577357

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.4
80	10.1	9.0	13.6

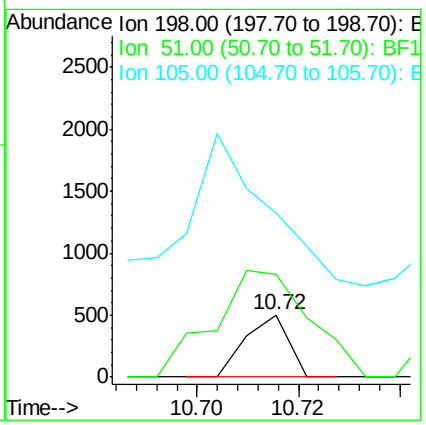


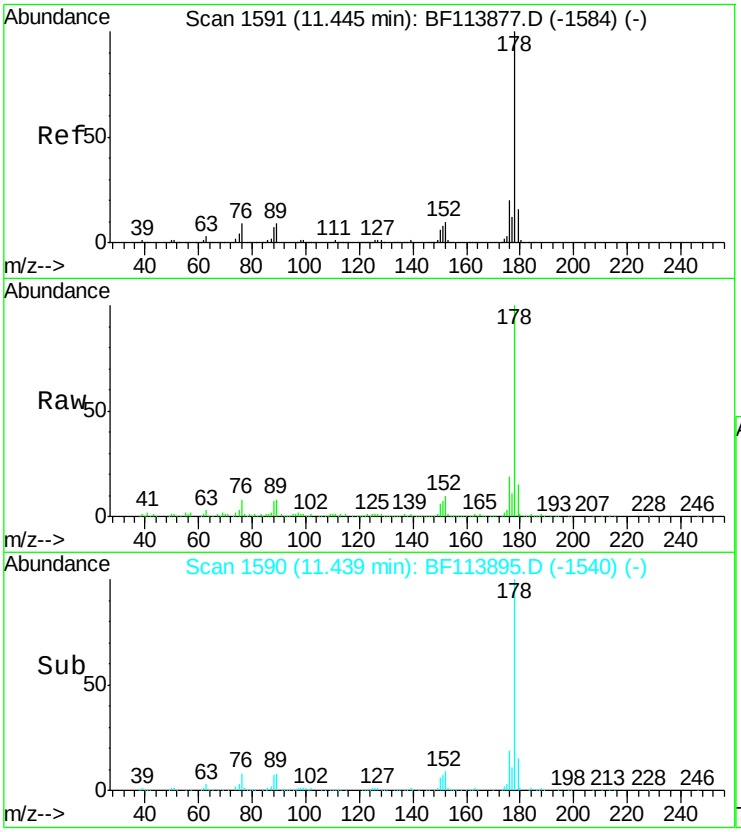


#65
4,6-Dinitro-2-methylphenol
Concen: 7.402 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Tgt Ion:198 Resp: 294

Ion	Ratio	Lower	Upper
198	100		
51	164.9	11.1	51.1#
105	263.7	20.7	60.7#



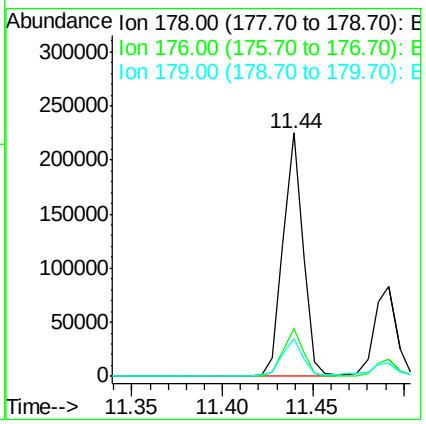


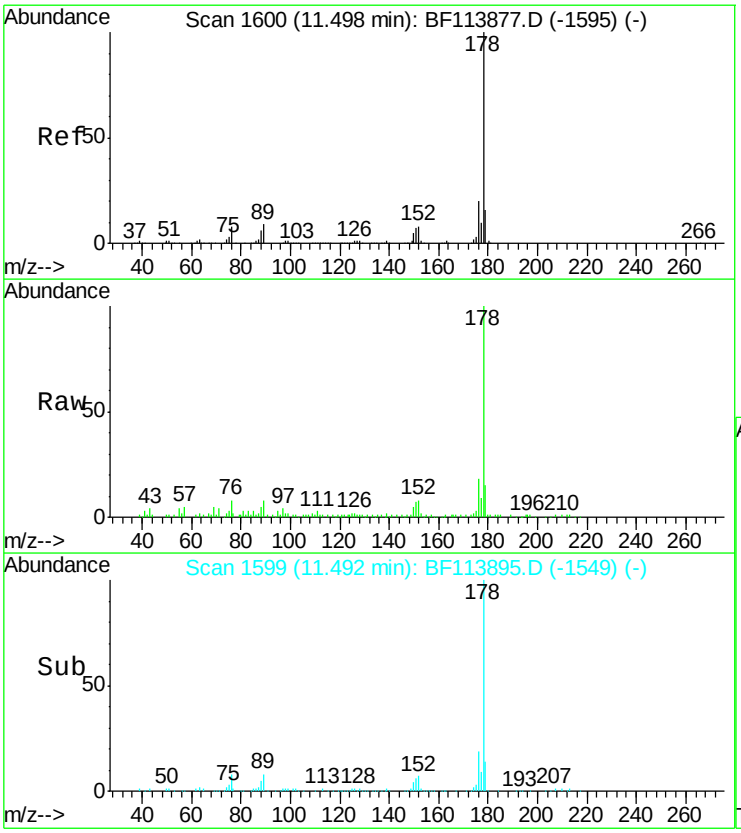
#71
Phenanthrene
Concen: 5.985 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-D

Tgt Ion:178 Resp: 173654

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.1	24.1
179	15.2	12.8	19.2

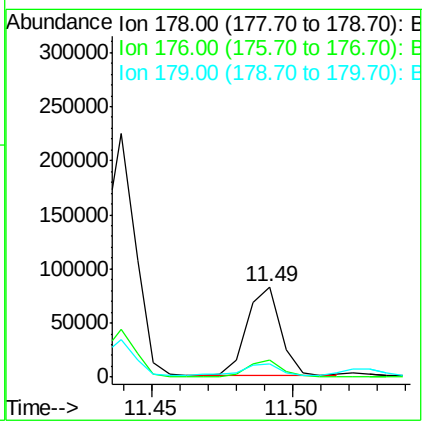


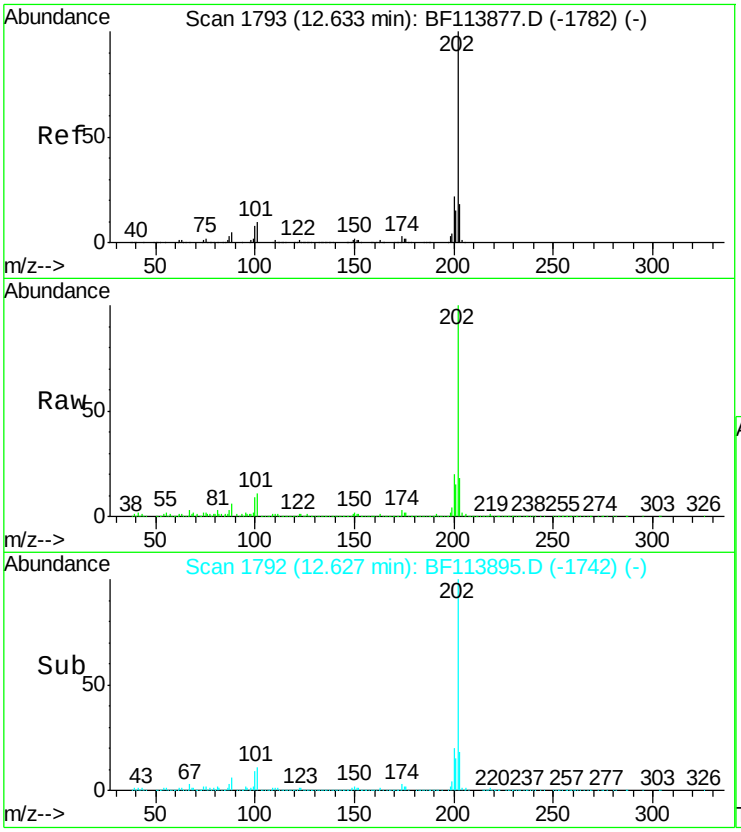


#72
Anthracene
Concen: 2.372 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Tgt Ion:178 Resp: 69511

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.7	23.5
179	15.1	13.0	19.4



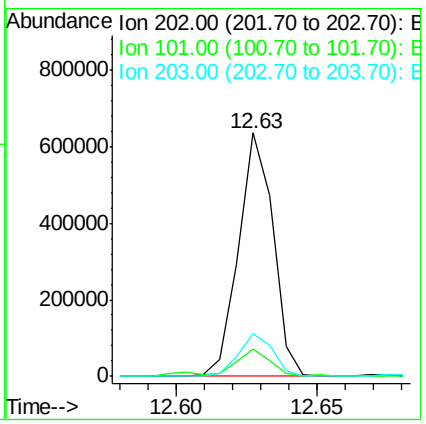


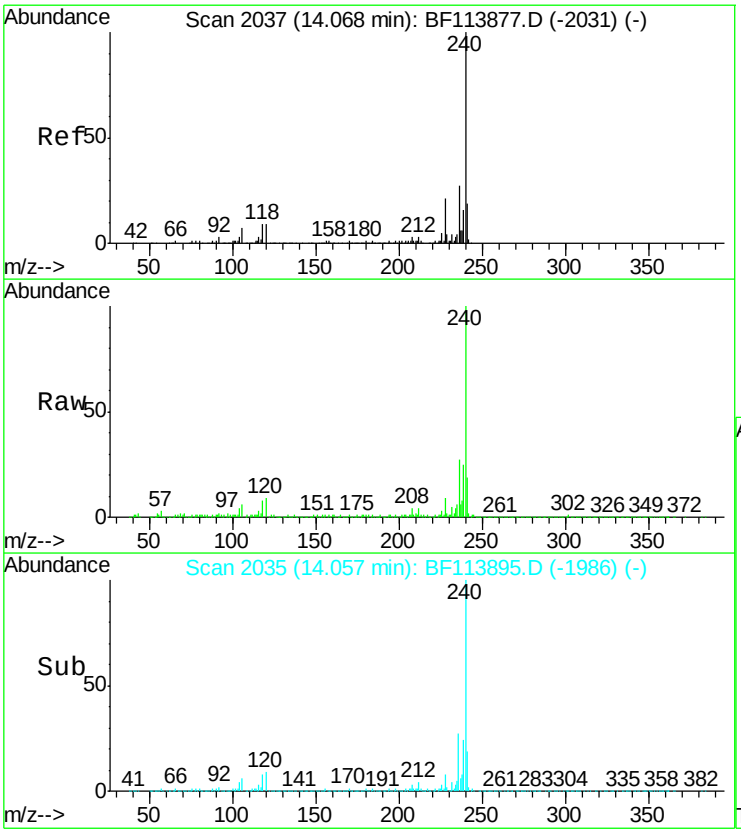
#75
Fluoranthene
Concen: 17.041 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-D

Tgt Ion:202 Resp: 539474

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.9
203	17.8	0.0	38.2

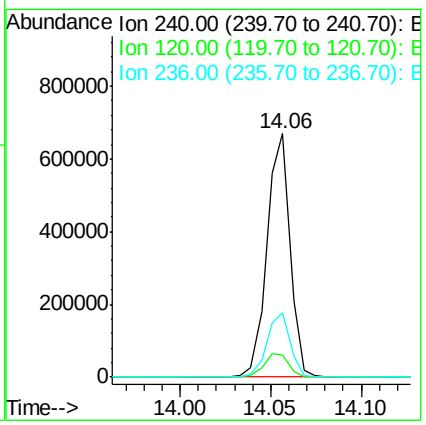


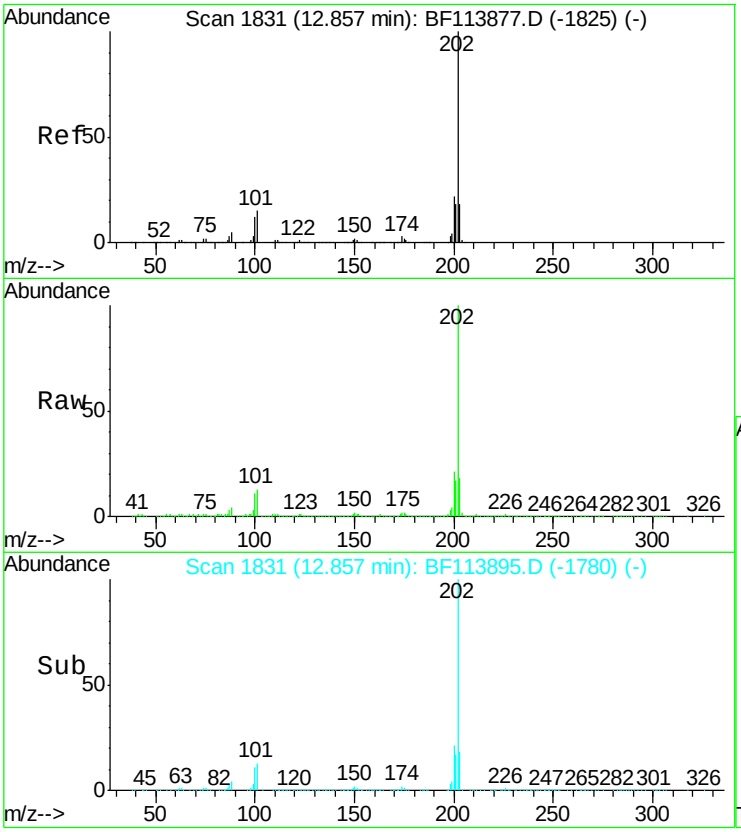


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Tgt Ion:240 Resp: 588218

Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.3	13.9#
236	26.6	21.2	31.8



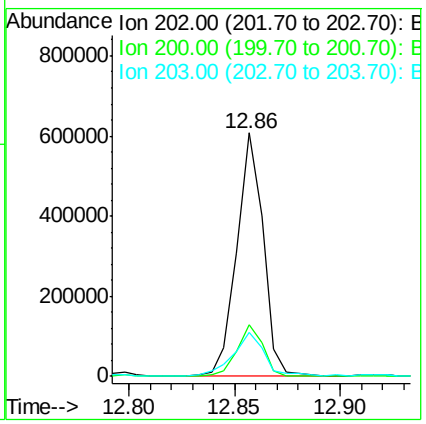


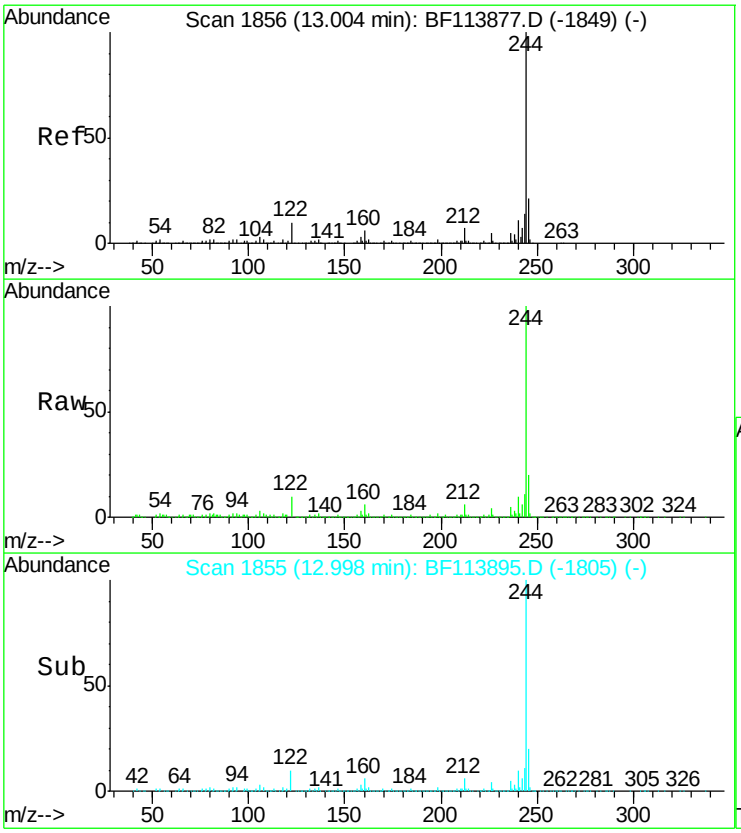
#78
Pyrene
Concen: 12.686 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-D

Tgt Ion:202 Resp: 521842

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	17.9	15.0	22.6

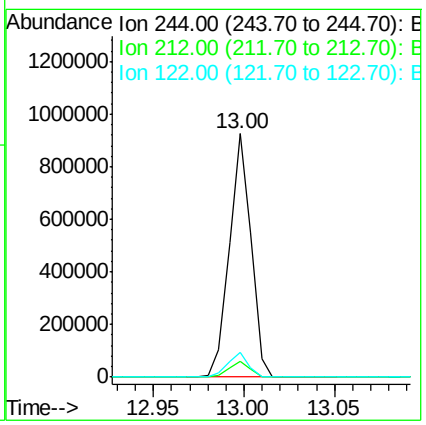


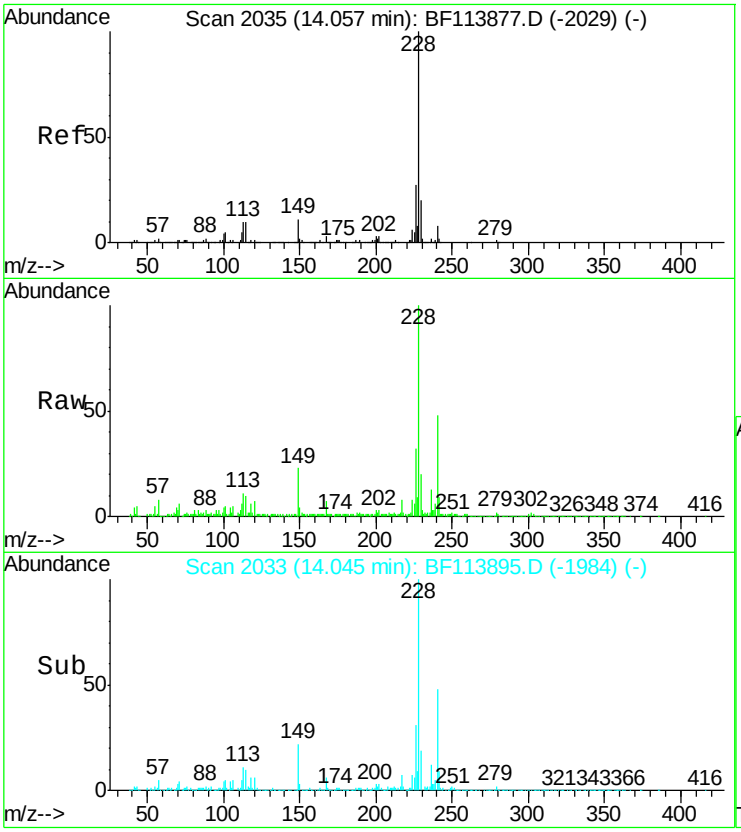


#79
Terphenyl-d14
Concen: 26.757 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Tgt Ion:244 Resp: 767699

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.2
122	10.0	7.6	11.4



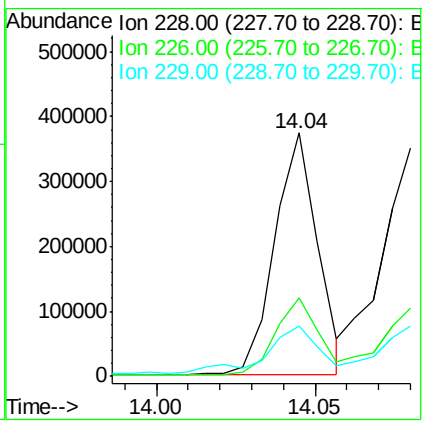


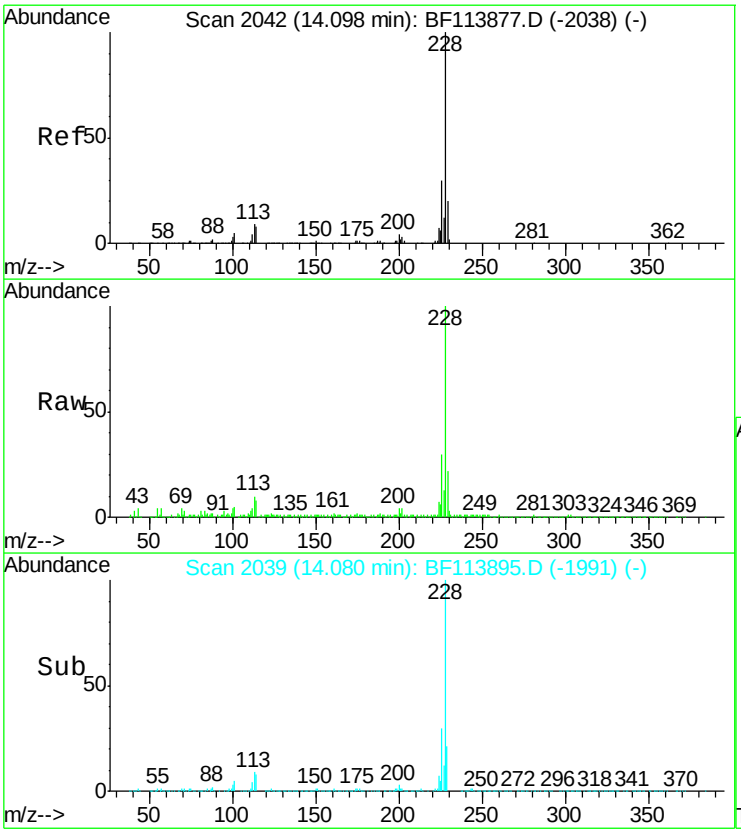
#81
Benzo(a)anthracene
Concen: 10.105 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-D

Tgt Ion:228 Resp: 350193

Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.2	33.2
229	20.5	16.0	24.0

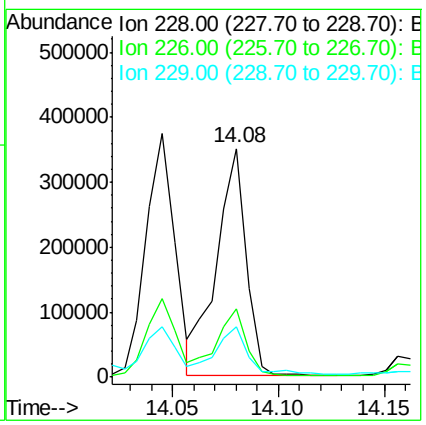


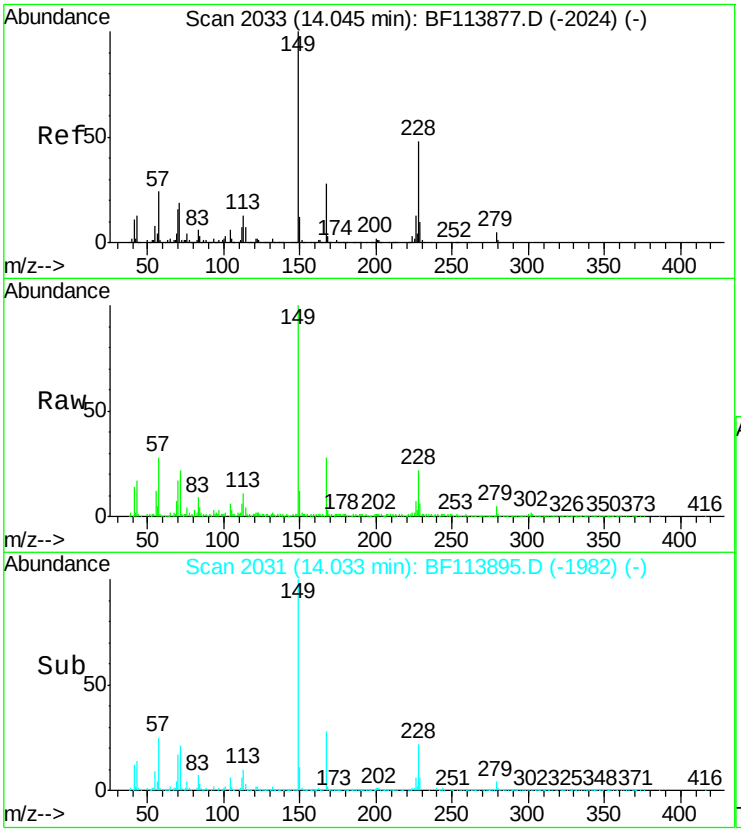


#83
Chrysene
Concen: 10.061 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.02 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Tgt Ion:228 Resp: 339567

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.2	37.8
229	22.0	16.7	25.1



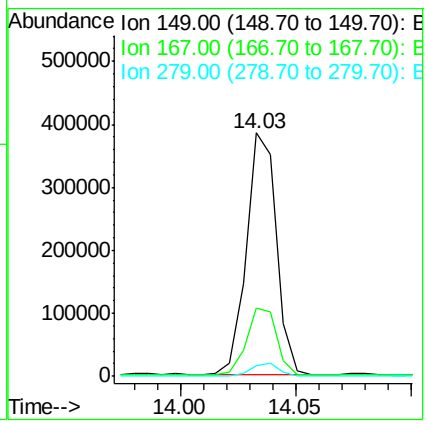


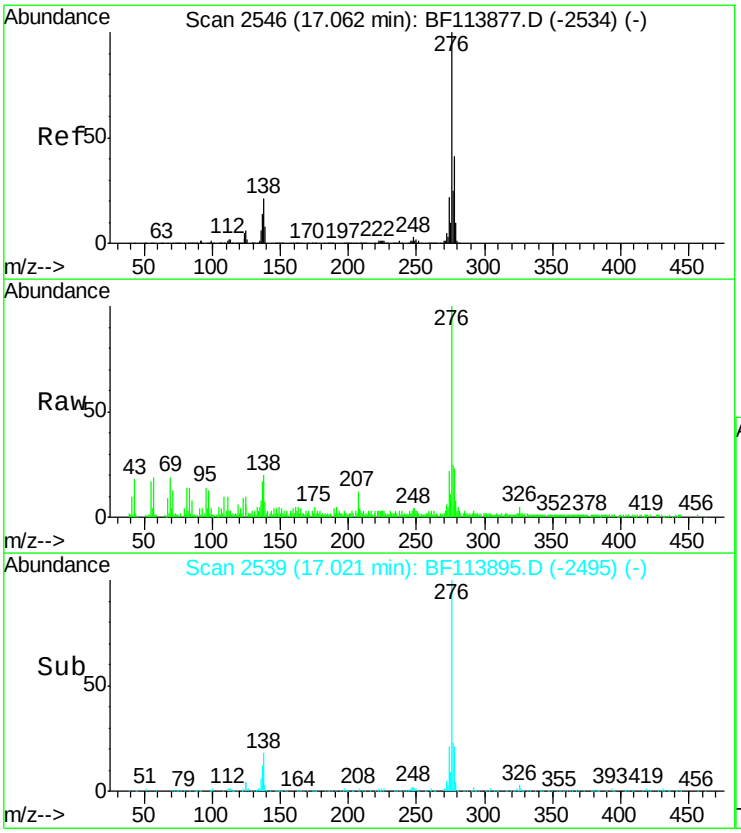
#84
Bis(2-ethylhexyl)phthalate
Concen: 16.827 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-D

Tgt Ion:149 Resp: 346491

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.9	34.3
279	4.6	4.2	6.2

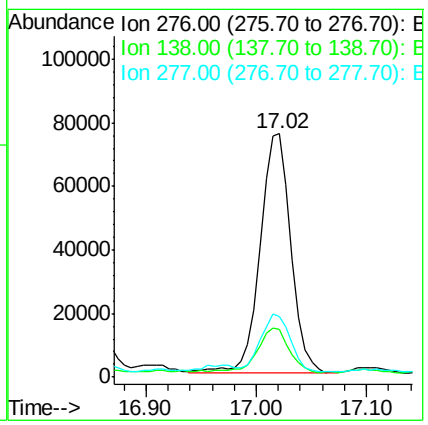


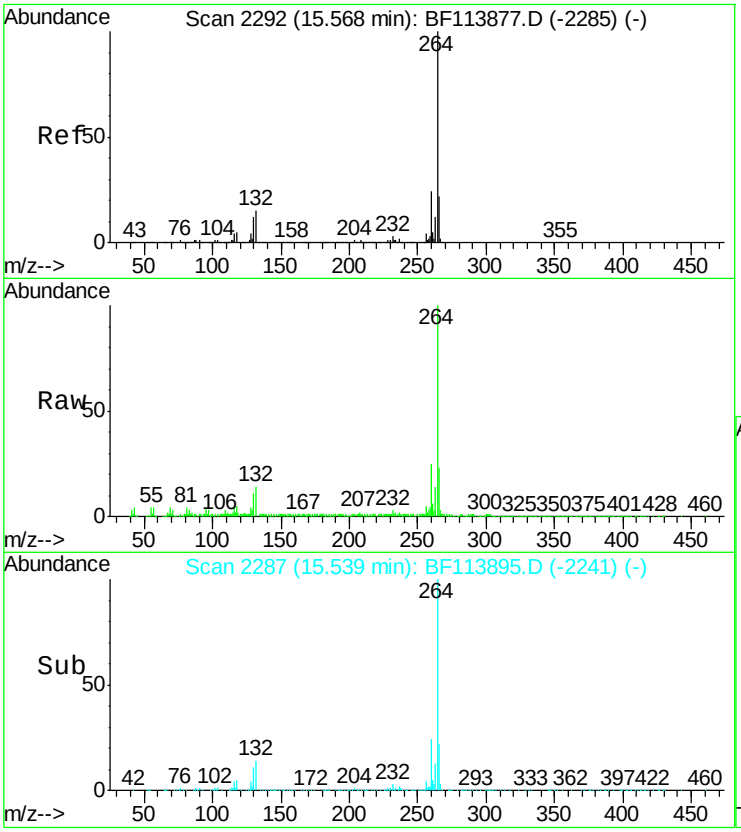


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.587 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.04 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Tgt Ion:276 Resp: 146659

Ion	Ratio	Lower	Upper
276	100		
138	20.1	19.6	29.4
277	23.5	20.2	30.4



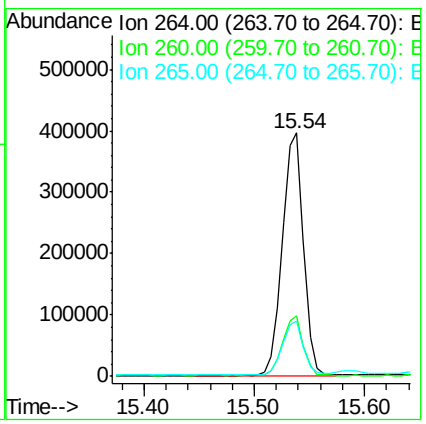


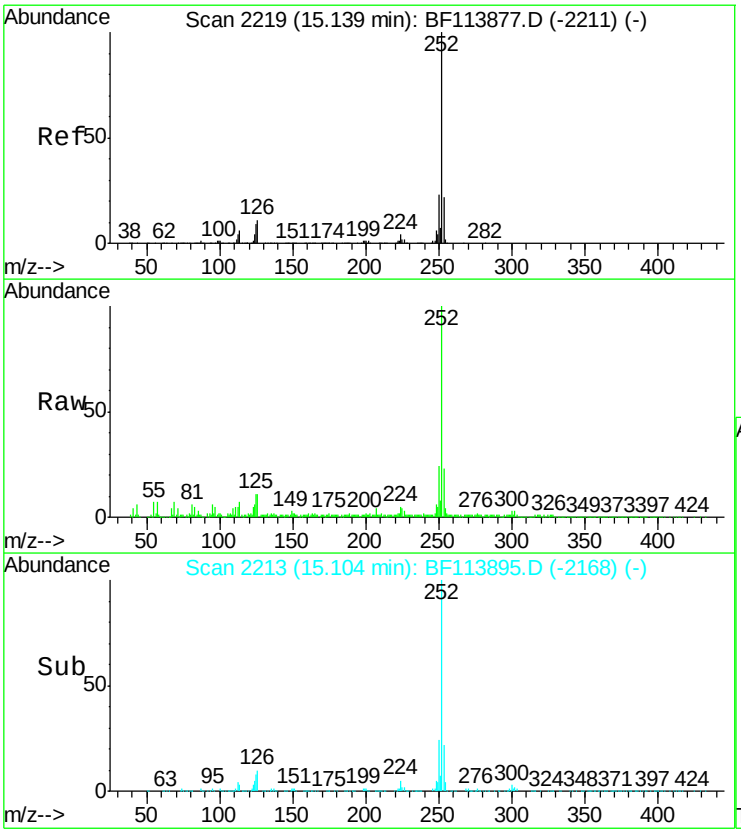
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.03 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-D

Tgt Ion:264 Resp: 520288

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.9	28.3
265	22.5	17.3	25.9

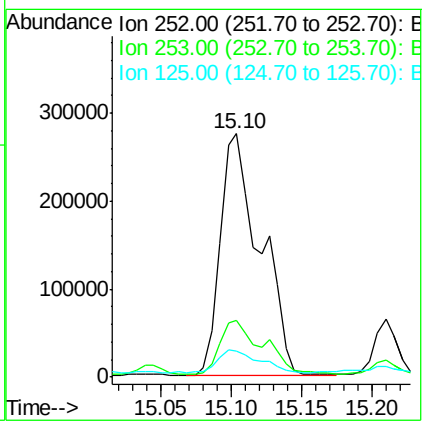


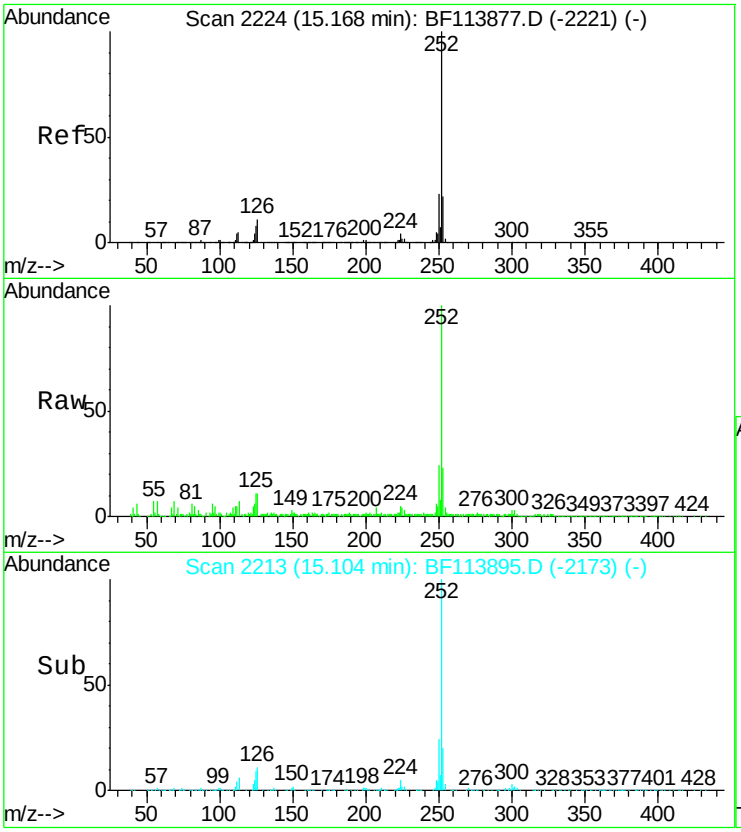


#88
Benzo(b)fluoranthene
Concen: 16.530 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.04 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Tgt Ion:252 Resp: 544142

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	10.9	7.0	10.6#



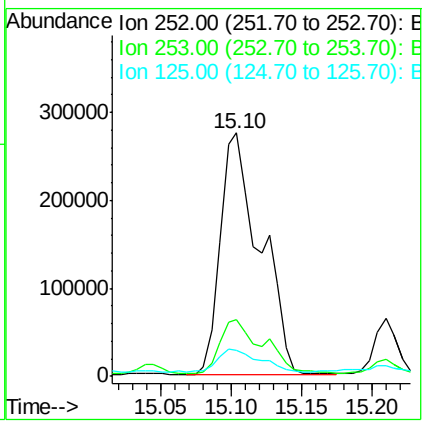


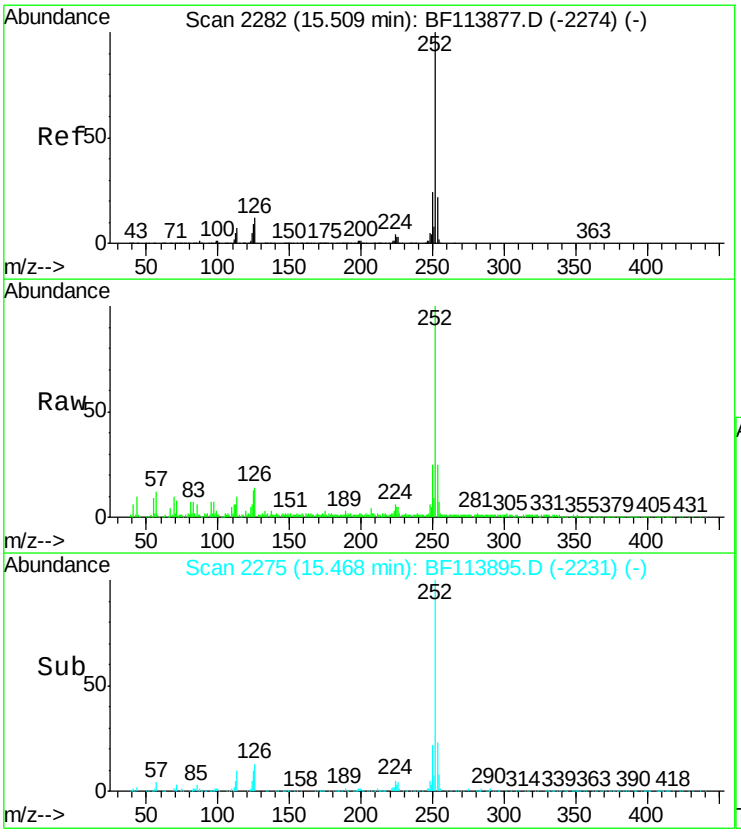
#89
Benzo(k)fluoranthene
Concen: 19.217 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.06 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-D

Tgt Ion:252 Resp: 544142

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	10.9	7.4	11.2

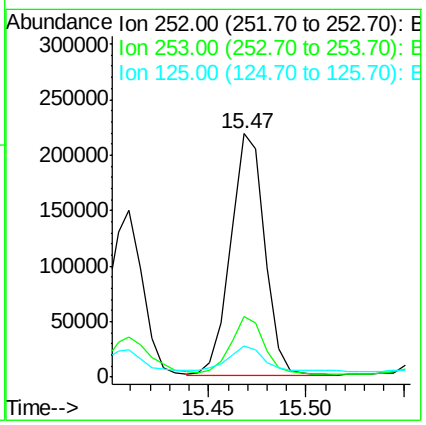


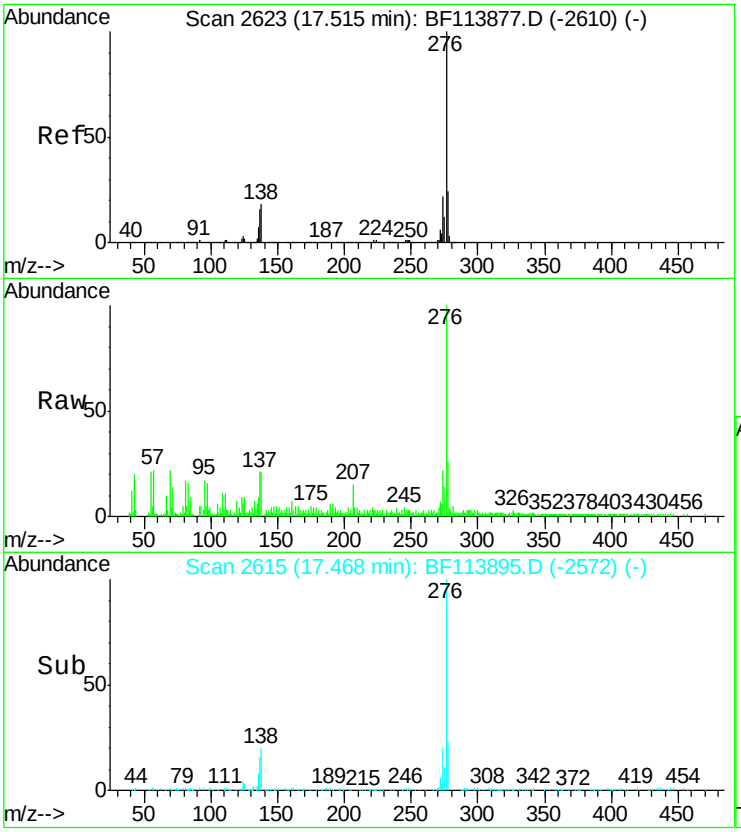


#90
Benzo(a)pyrene
Concen: 9.176 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.04 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Tgt Ion:252 Resp: 261269

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.5	26.3
125	12.6	8.5	12.7





#92
Benzo(g,h,i)perylene
Concen: 4.654 ng
RT: 17.47 min Scan# 2615
Delta R.T. -0.05 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-D

Tgt Ion:276 Resp: 125524

Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.0	28.4
138	21.5	16.6	25.0