Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114041.D
Acq On : 30 Apr 2019 14:51
Operator : JU/SJ
Sample : K2194-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 30 23:02:21 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	6.89	152	114376	20.00	ng		-0.01
21) Naphthalene-d8	8.17	136	430243	20.00	ng		-0.01
39) Acenaphthene-d10	9.92	164	209770	20.00	ng		-0.01
64) Phenanthrene-d10	11.41	188	375484	20.00	ng		0.00
76) Chrysene-d12	14.05	240	318601	20.00	ng		-0.02
87) Perylene-d12	15.54	264	281903	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	349628	52.28	ng		0.00
7) Phenol-d6	6.51	99	457468	54.53	ng		-0.01
23) Nitrobenzene-d5	7.45	82	265777	38.14	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	128265	50.19	ng		-0.01
45) 2-Fluorobiphenyl	9.25	172	536285	39.98	ng		-0.01
79) Terphenyl-d14	12.99	244	552246	35.54	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.52	77	693	Below Cal		#	3
19) n-Nitroso-di-n-propylamine	7.45	70	35999	6.626	ng	#	80
25) Isophorone	7.45	82	265775	18.640	ng	#	65
50) Dimethylphthalate	9.63	163	68037	4.485	ng	#	99
52) Acenaphthene	9.96	154	40988	3.400	ng		99
58) Fluorene	10.47	166	45509	3.347	ng		99
65) 4,6-Dinitro-2-methylphenol	10.75	198	415	7.513	ng	#	1
71) Phenanthrene	11.43	178	416148	22.053	ng		98
72) Anthracene	11.48	178	121796	6.392	ng		98
75) Fluoranthene	12.62	202	719029	34.925	ng		98
78) Pyrene	12.86	202	620993	27.872	ng		98
81) Benzo(a)anthracene	14.04	228	443438	23.623	ng		99
83) Chrysene	14.07	228	370686	20.276	ng		96
86) Indeno(1,2,3-cd)pyrene	17.02	276	116038	6.701	ng		95
88) Benzo(b)fluoranthene	15.10	252	558829	31.332	ng	#	94
89) Benzo(k)fluoranthene	15.10	252	558829	36.425	ng	#	96
90) Benzo(a)pyrene	15.47	252	265208	17.191	ng		96
91) Dibenzo(a,h)anthracene	17.03	278	32161	2.221	ng	#	68
92) Benzo(g,h,i)perylene	17.47	276	102748	7.031	ng		97

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

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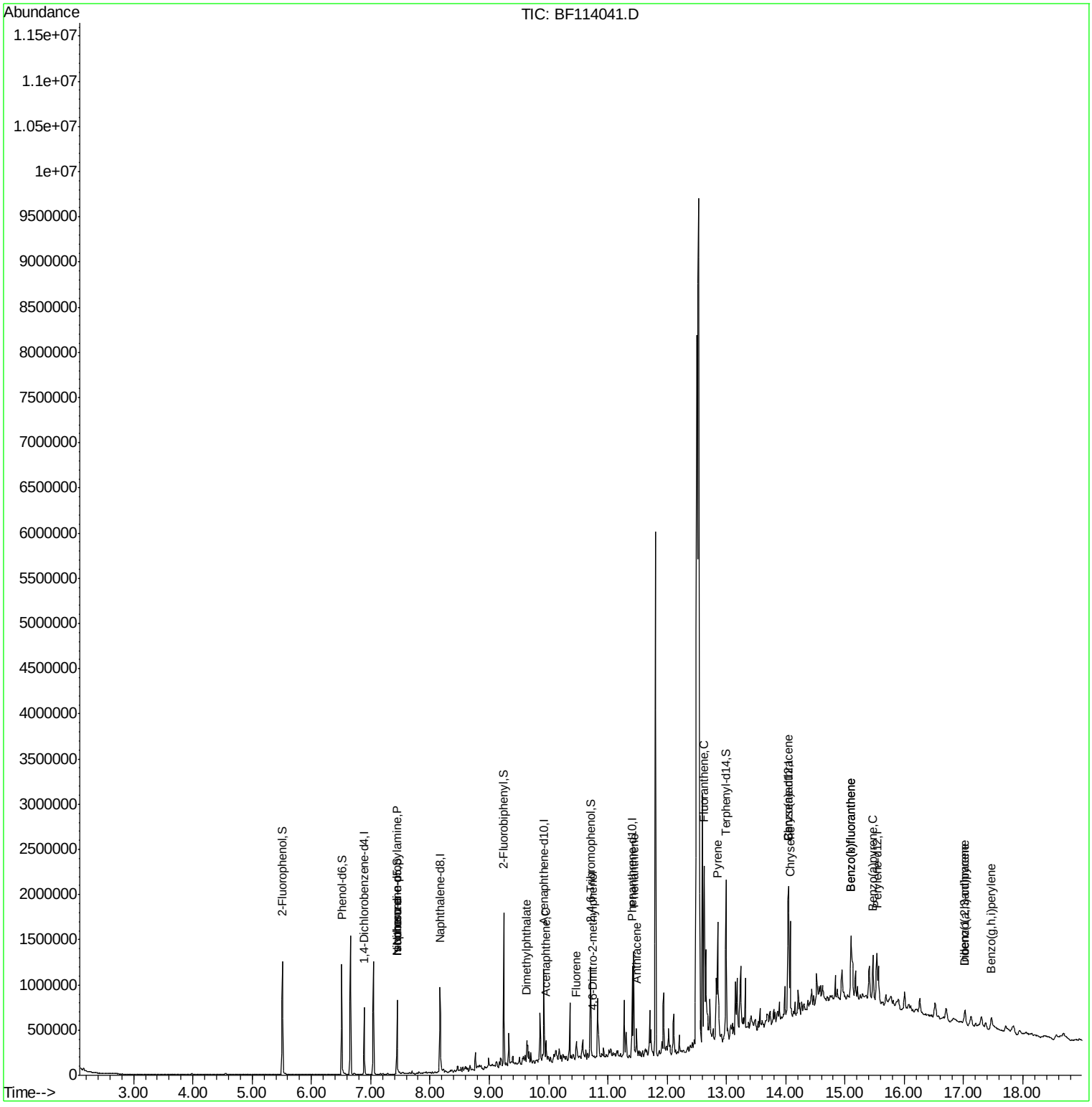
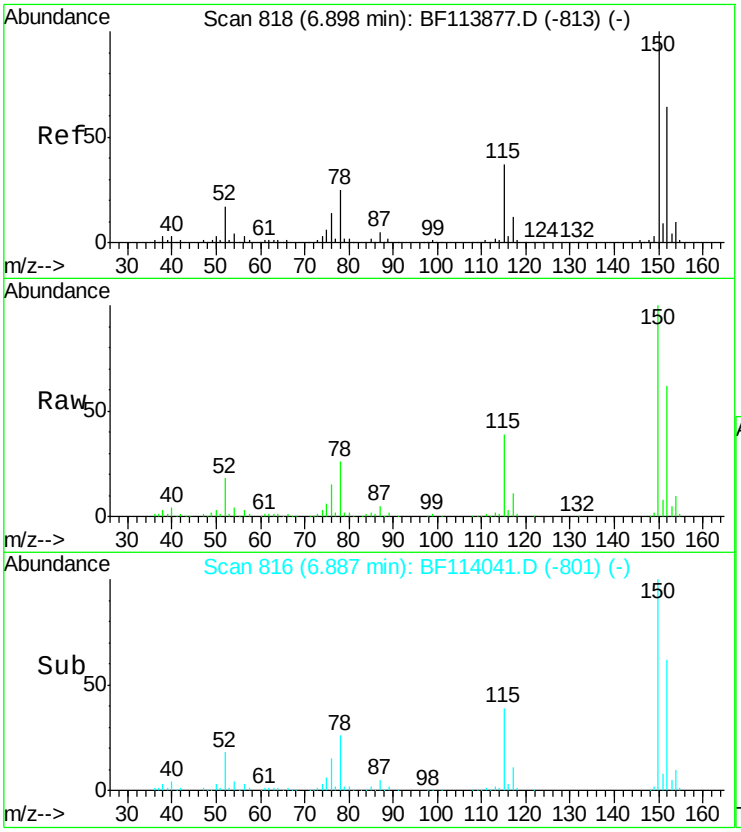


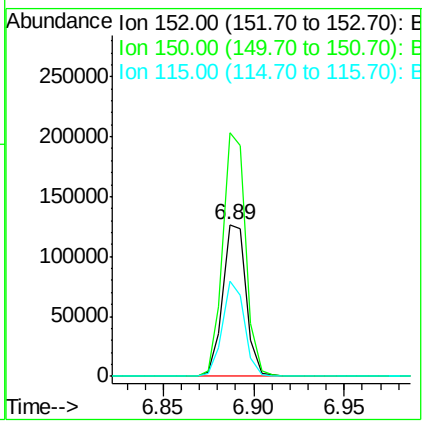


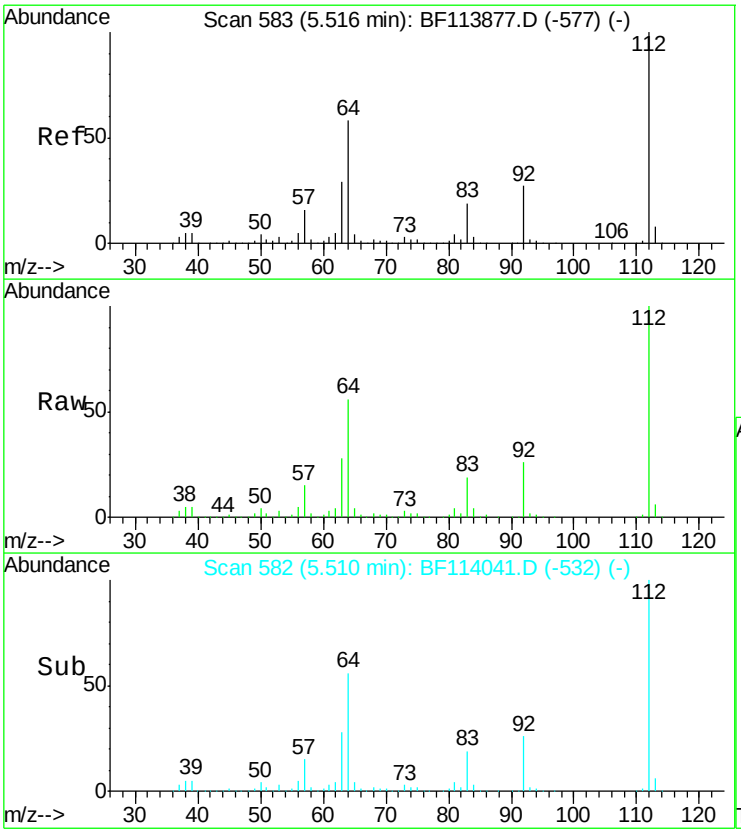
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 114376

Ion	Ratio	Lower	Upper
152	100		
150	160.3	125.9	188.9
115	62.3	45.9	68.9

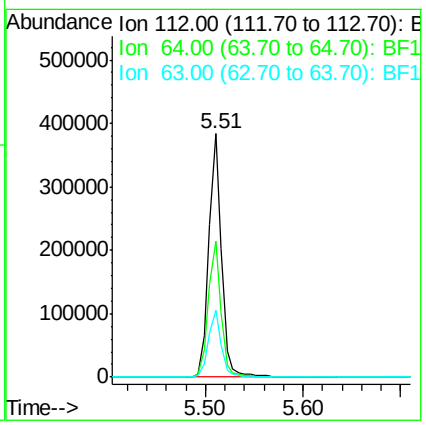


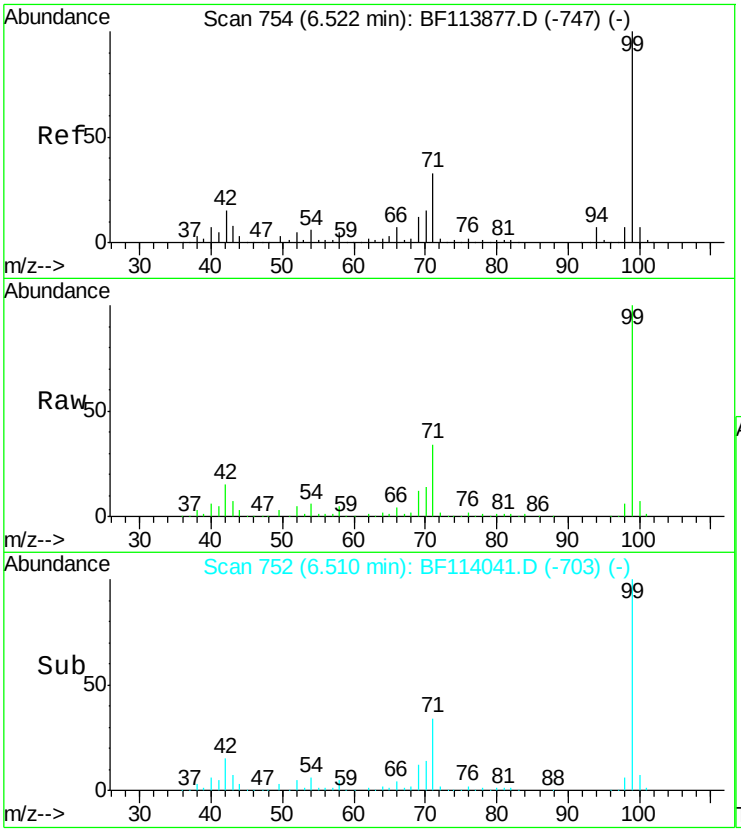


#5
2-Fluorophenol
Concen: 52.283 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Tgt Ion:112 Resp: 349628

Ion	Ratio	Lower	Upper
112	100		
64	55.7	46.6	69.8
63	27.5	23.1	34.7



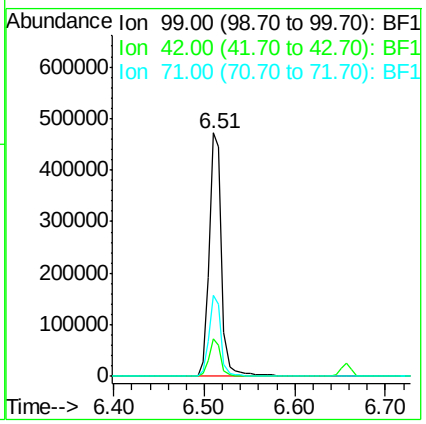


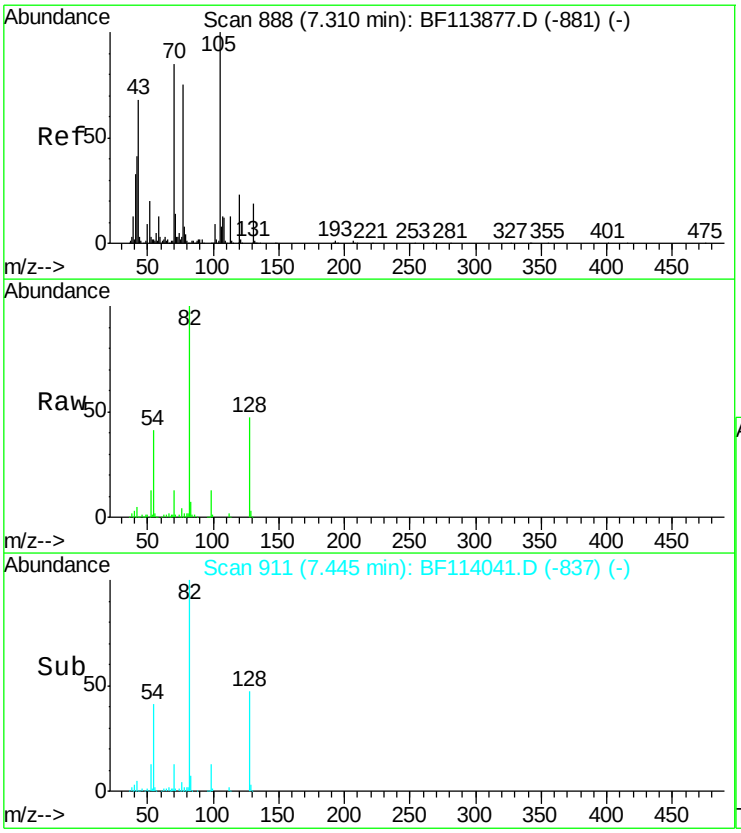
#7
Phenol-d6
Concen: 54.526 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 457468

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.5	18.7
71	33.5	26.9	40.3

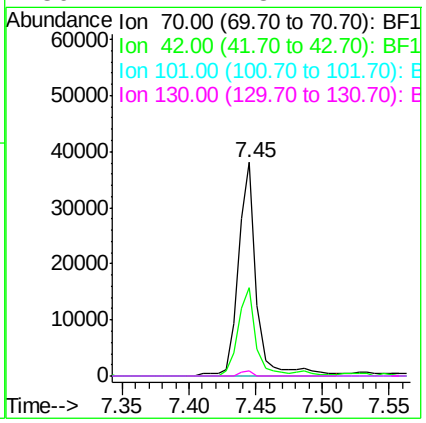


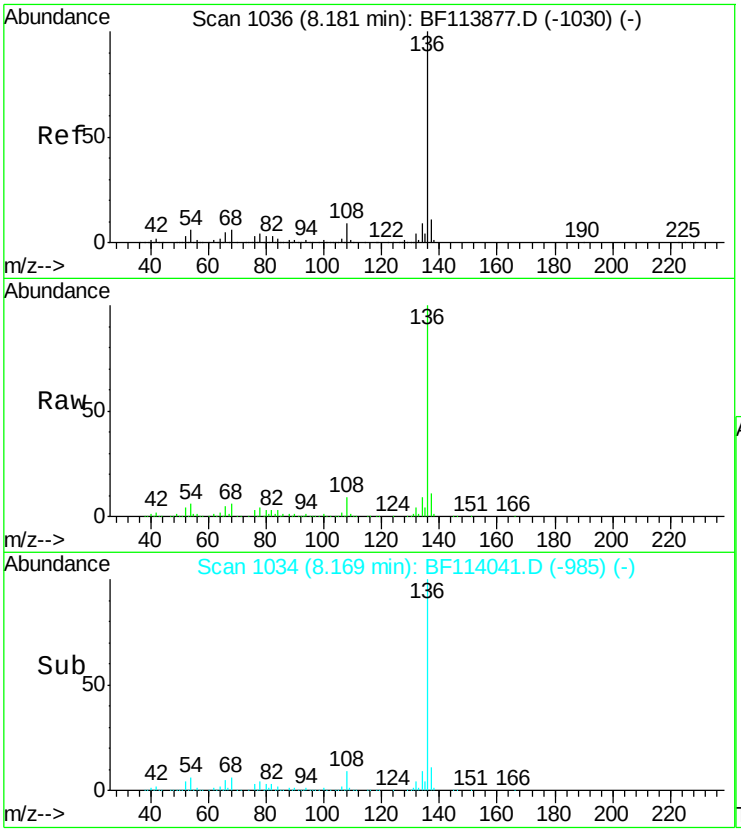


#19
n-Nitroso-di-n-propylamine
Concen: 6.626 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Tgt Ion: 70 Resp: 35999

Ion	Ratio	Lower	Upper
70	100		
42	41.5	37.3	55.9
101	0.0	7.8	11.8#
130	2.1	18.2	27.2#



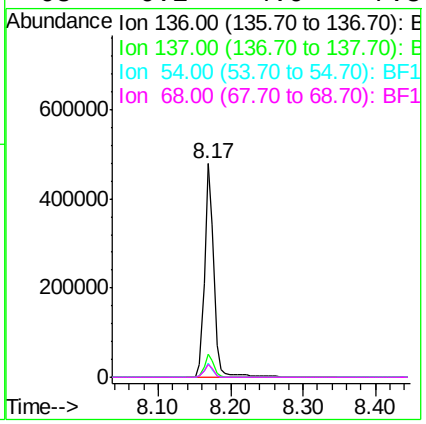


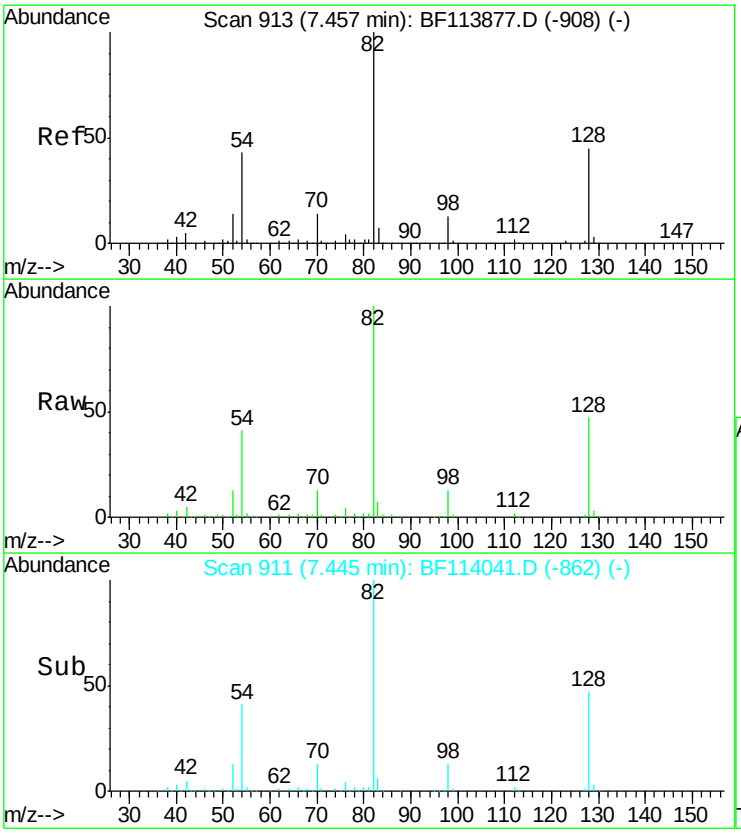
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 430243

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	6.3	5.0	7.6
68	6.2	4.9	7.3

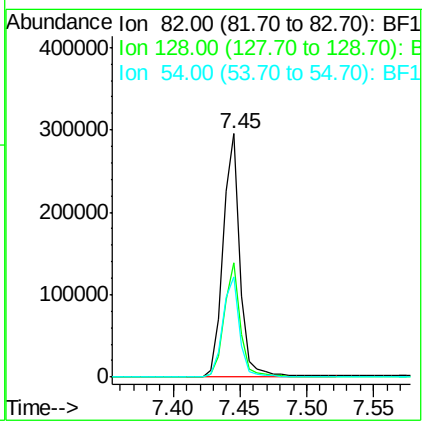


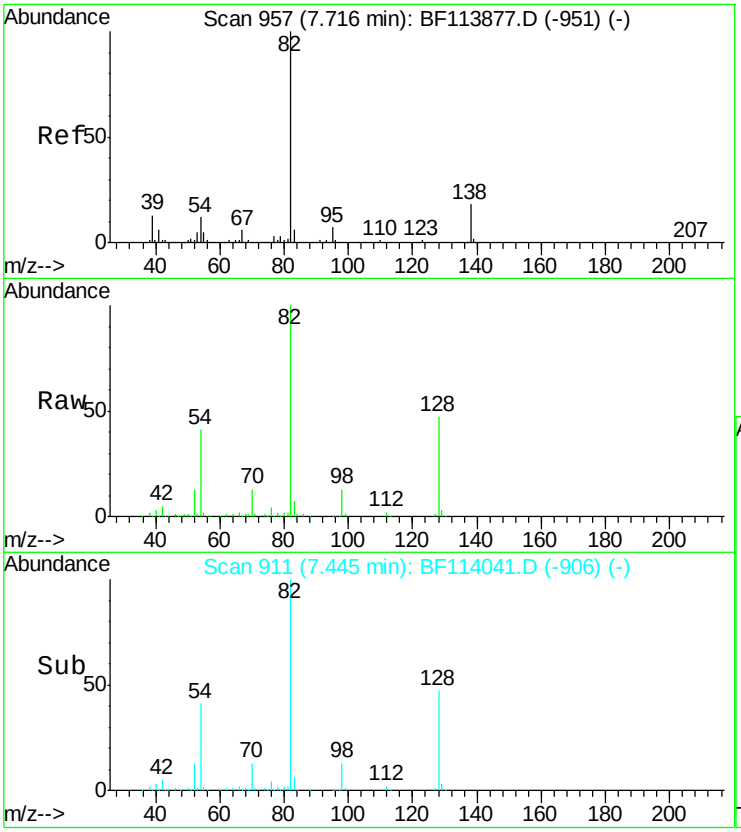


#23
Nitrobenzene-d5
Concen: 38.141 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Tgt Ion: 82 Resp: 265777

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.8	55.2
54	41.2	33.8	50.6



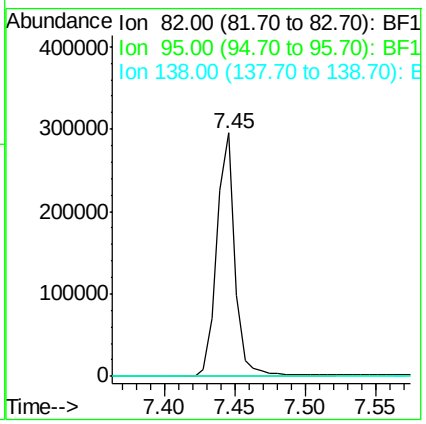


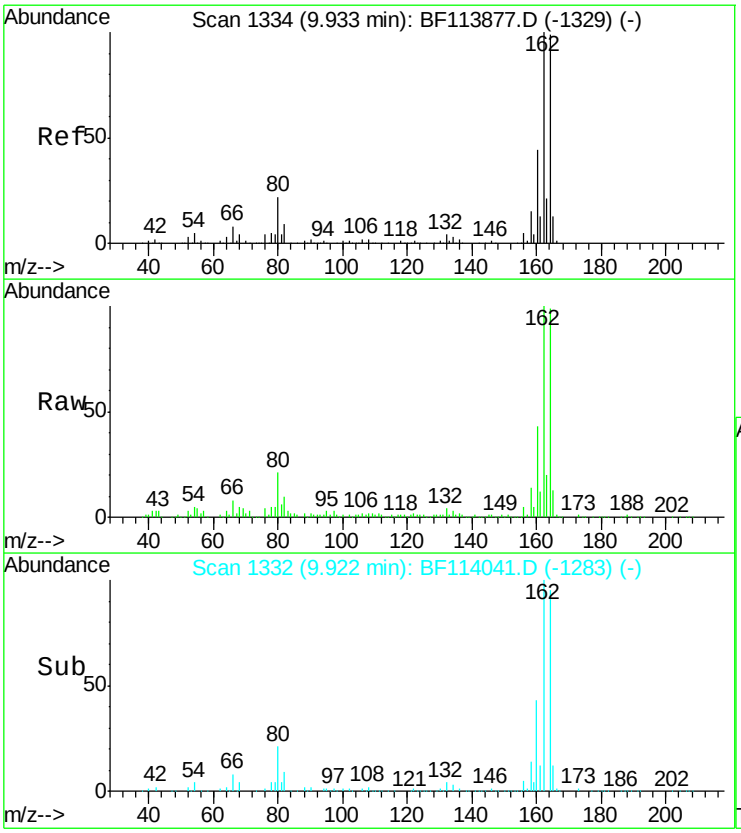
#25
Isophorone
Concen: 18.640 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.27 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 265775

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.4	8.2#
138	0.0	14.6	22.0#

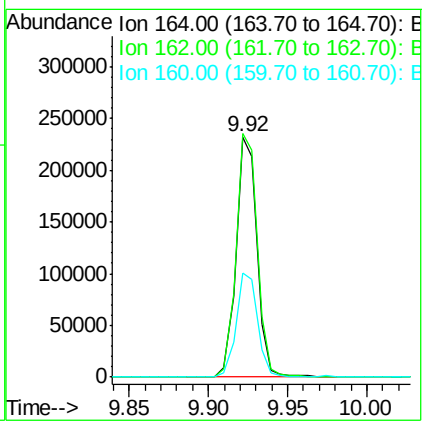


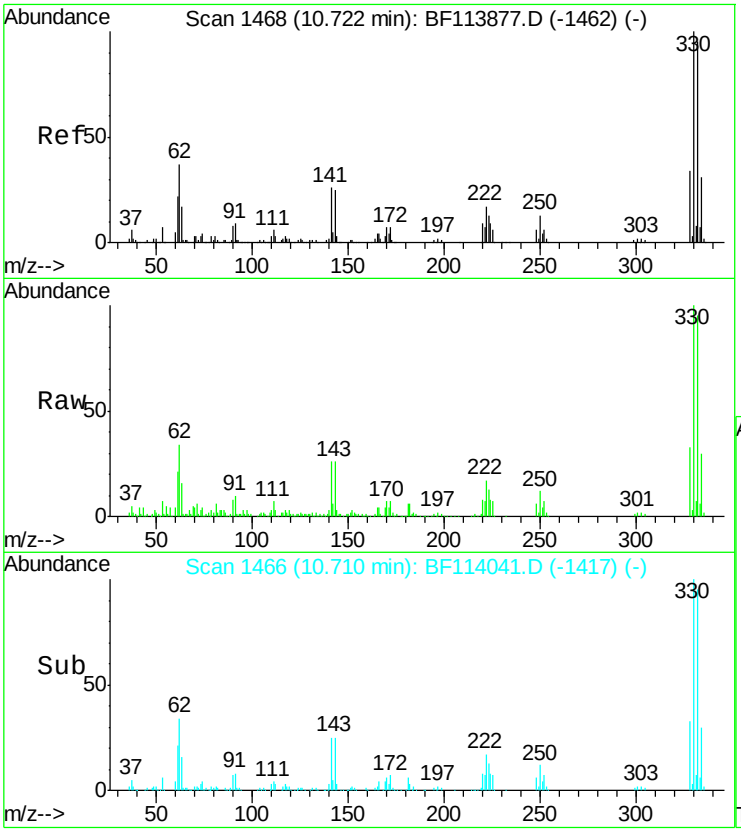


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Tgt Ion:164 Resp: 209770

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.1	121.7
160	43.3	35.8	53.6



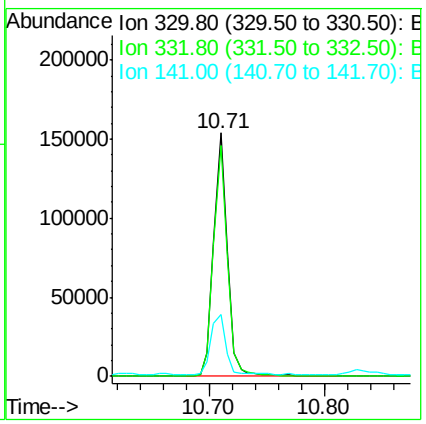


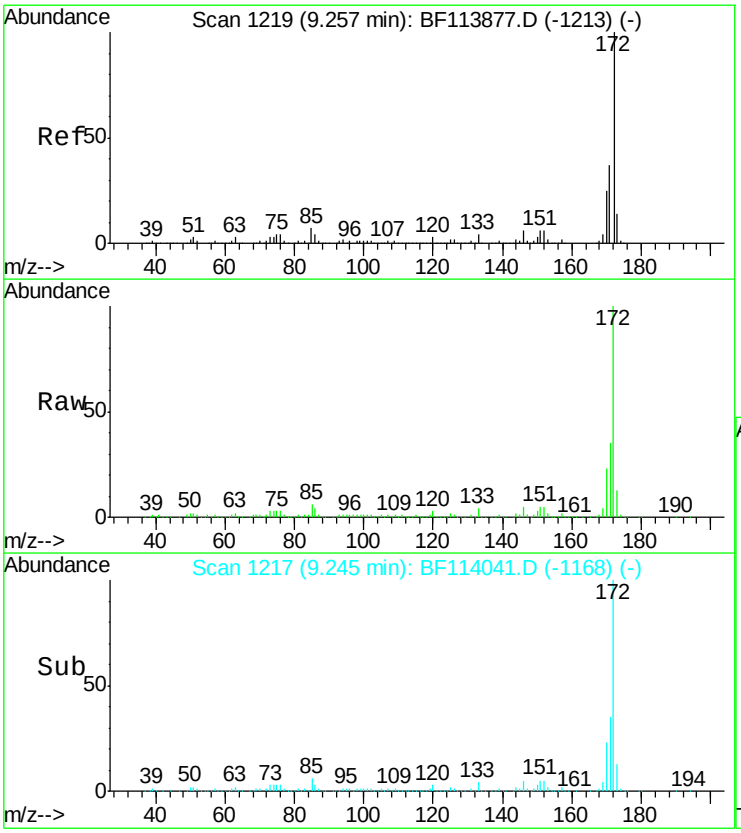
#42
2,4,6-Tribromophenol
Concen: 50.193 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 128265

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.5	116.3
141	26.5	22.2	33.2

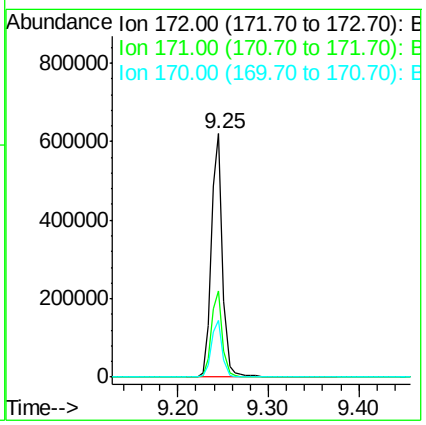


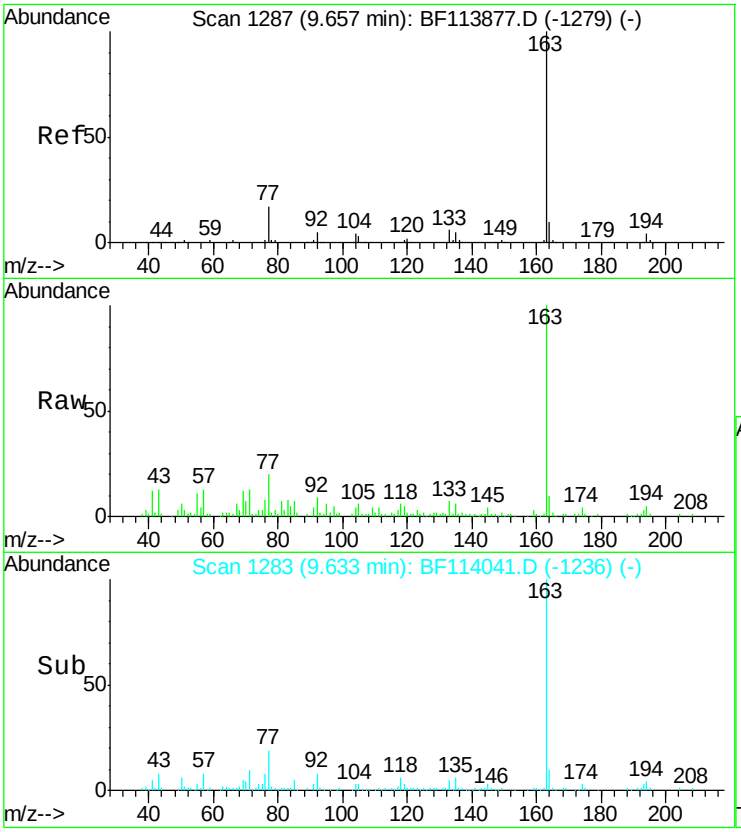


#45
2-Fluorobiphenyl
Concen: 39.985 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Tgt Ion:172 Resp: 536285

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	23.2	19.9	29.9



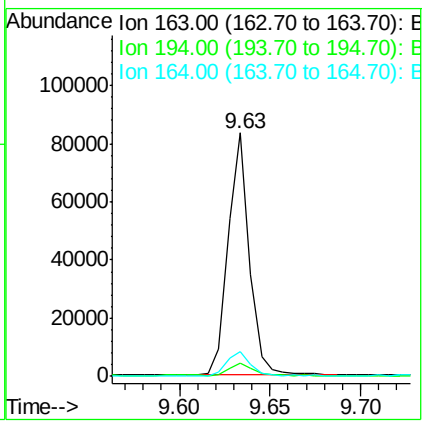


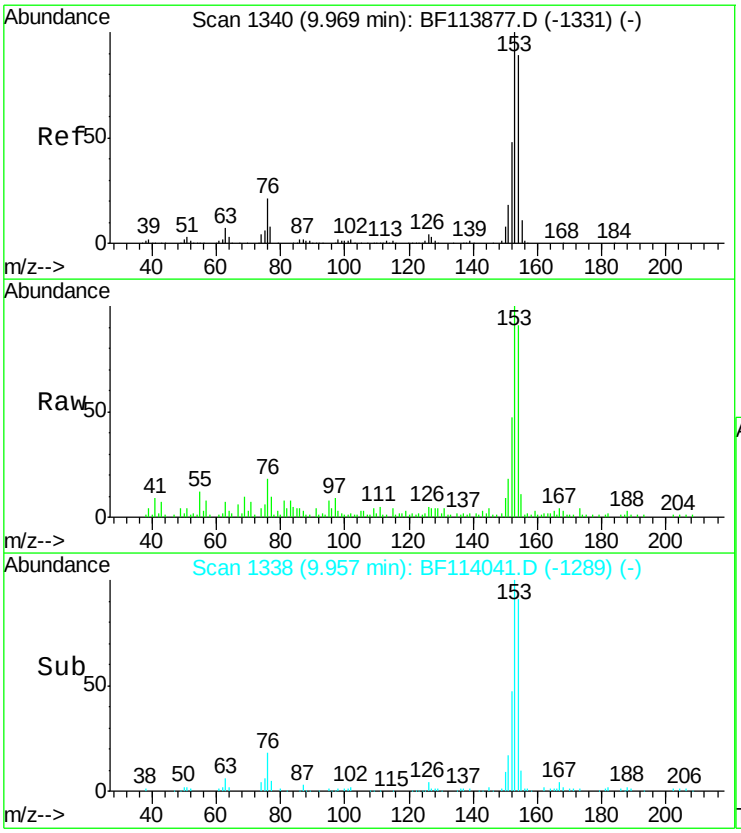
#50
Dimethylphthalate
Concen: 4.485 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 68037

Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.4	5.2#
164	10.4	8.5	12.7

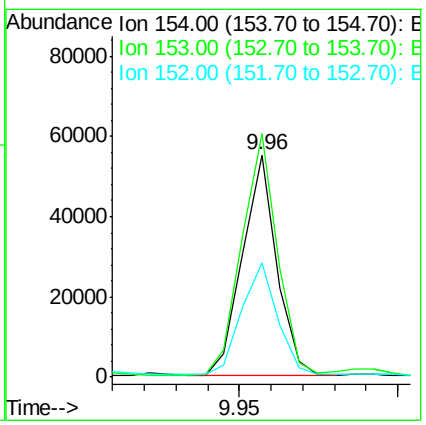


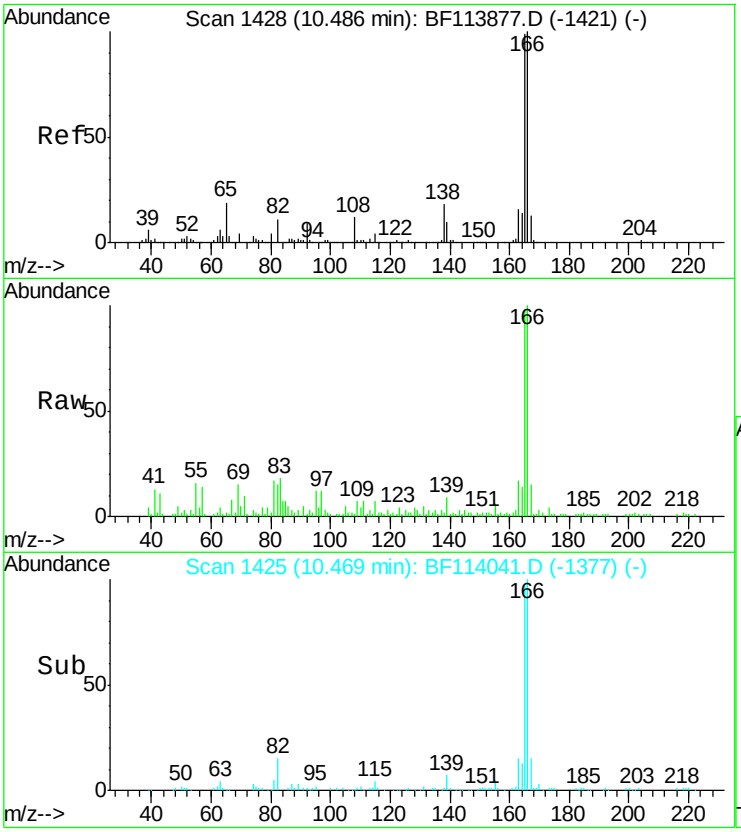


#52
Acenaphthene
Concen: 3.400 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Tgt Ion:154 Resp: 40988

Ion	Ratio	Lower	Upper
154	100		
153	109.7	87.2	130.8
152	51.8	42.3	63.5



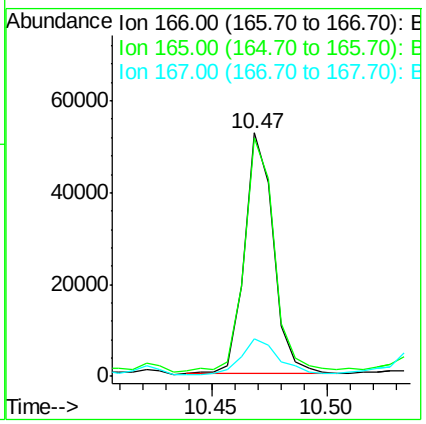


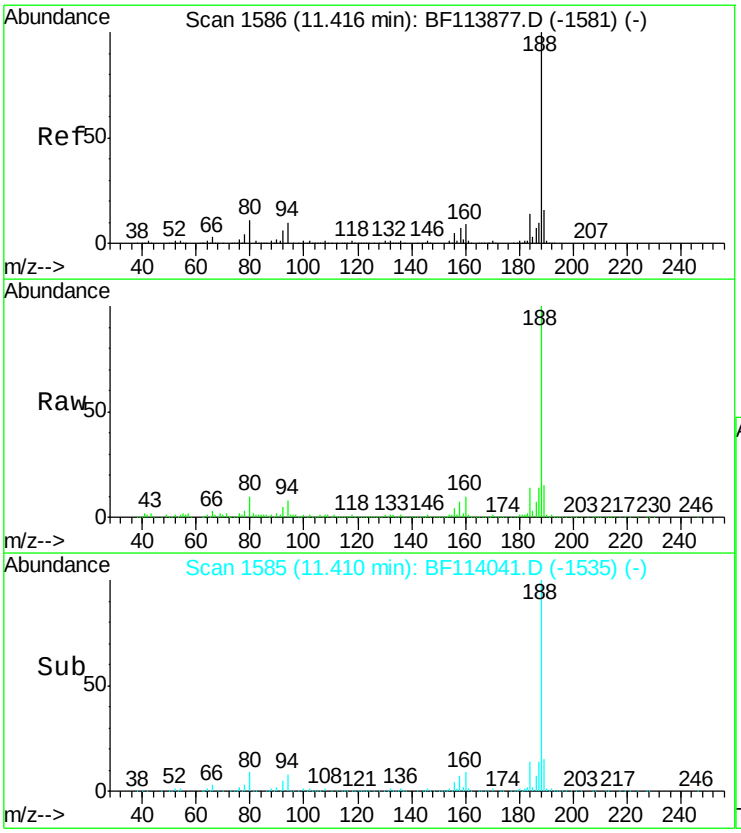
#58
Fluorene
Concen: 3.347 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 45509

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.4	117.6
167	15.3	10.9	16.3

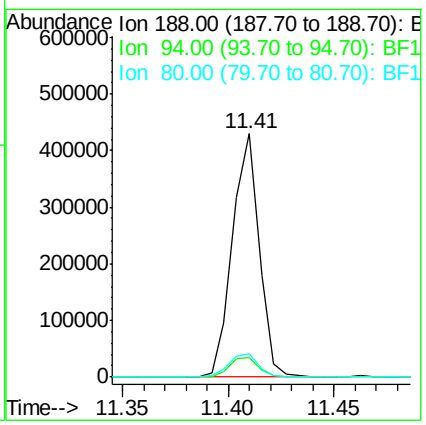


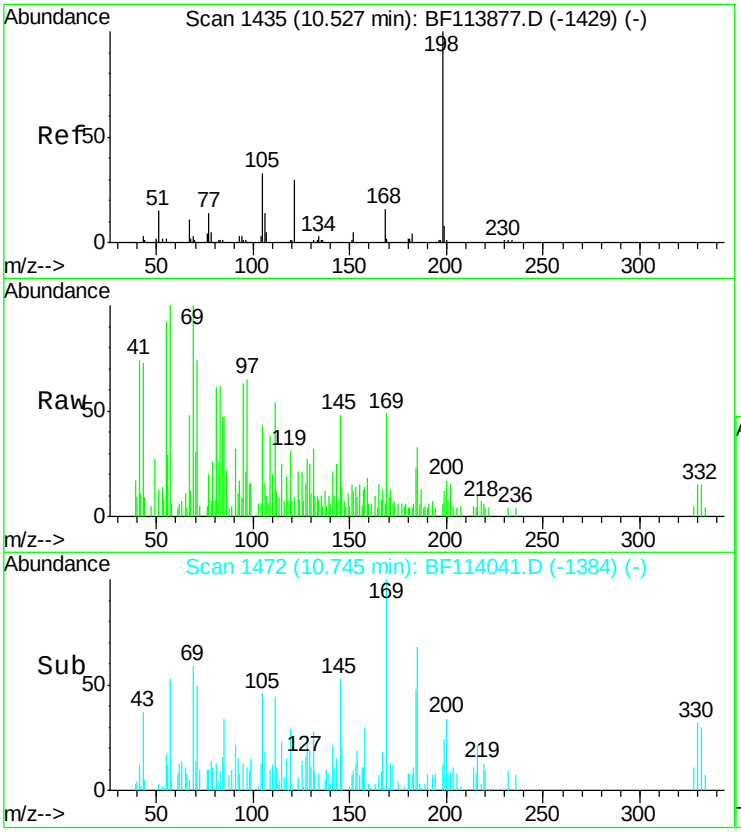


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Tgt Ion:188 Resp: 375484

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.2	12.4#
80	9.6	9.0	13.6



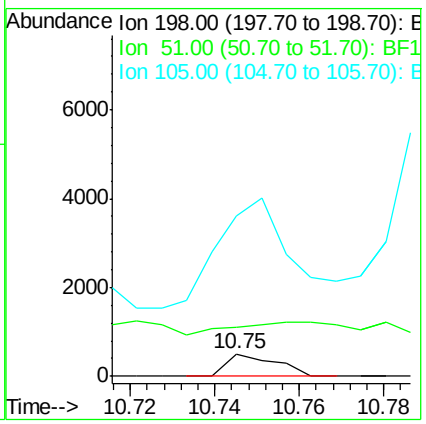


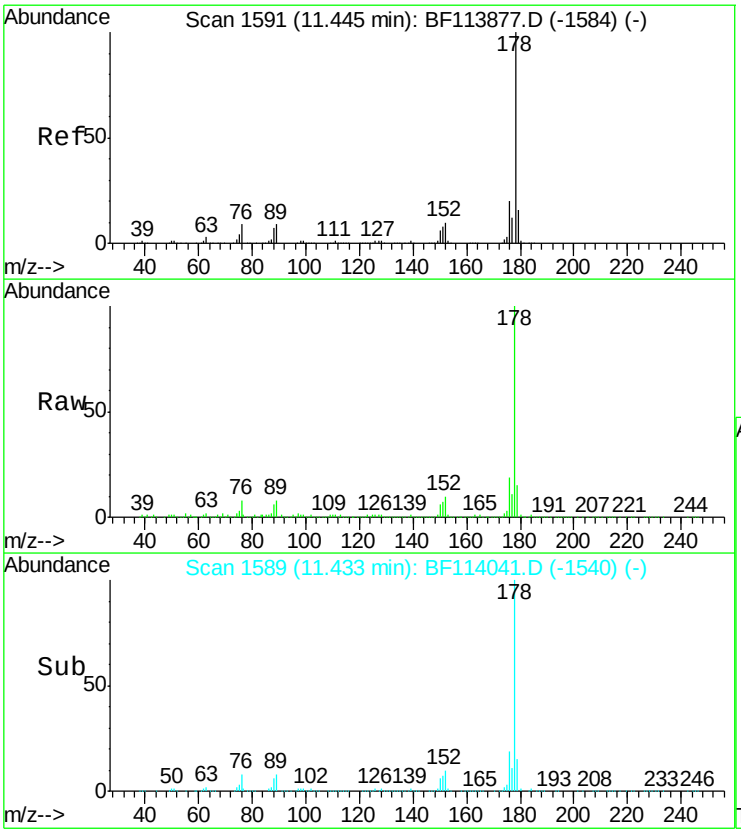
#65
4,6-Dinitro-2-methylphenol
Concen: 7.513 ng
RT: 10.75 min Scan# 1472
Delta R.T. 0.22 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 415

Ion	Ratio	Lower	Upper
198	100		
51	216.5	11.1	51.1#
105	710.2	20.7	60.7#

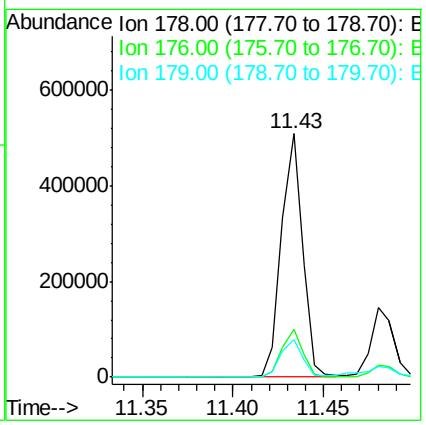


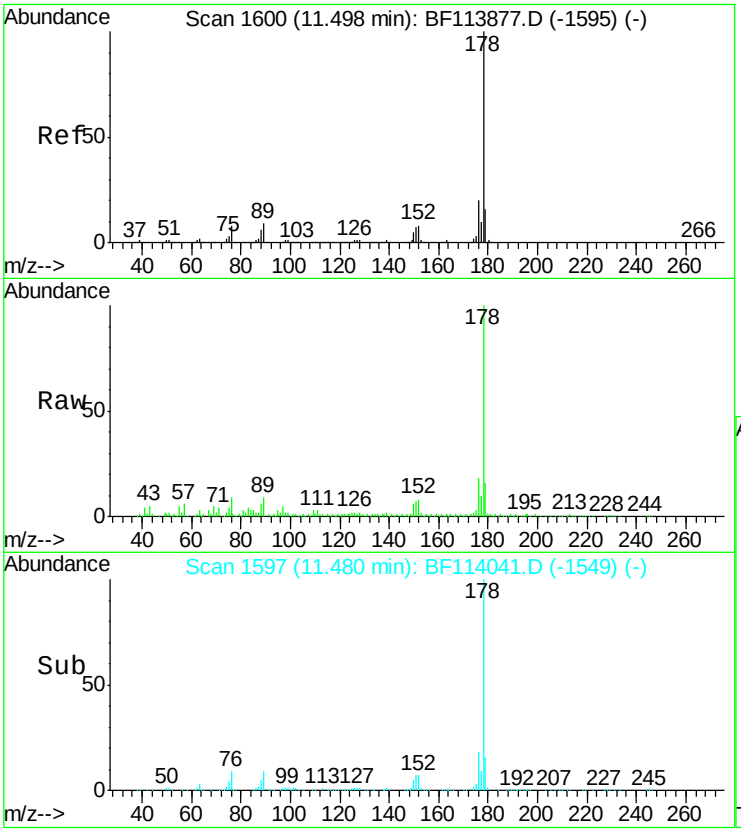


#71
Phenanthrene
Concen: 22.053 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Tgt Ion:178 Resp: 416148

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.1	24.1
179	15.3	12.8	19.2



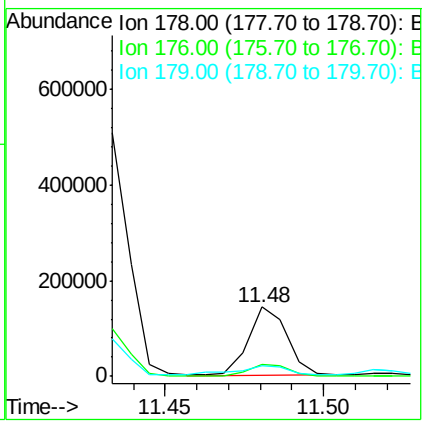


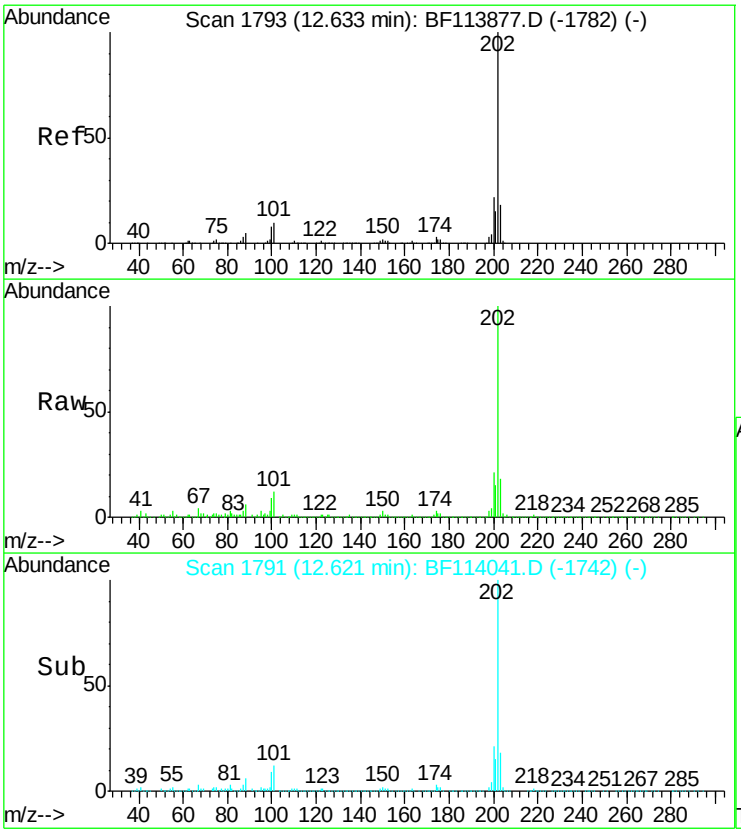
#72
Anthracene
Concen: 6.392 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.02 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 121796

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.7	23.5
179	16.1	13.0	19.4

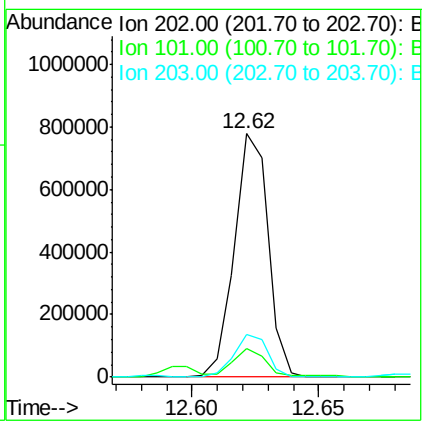


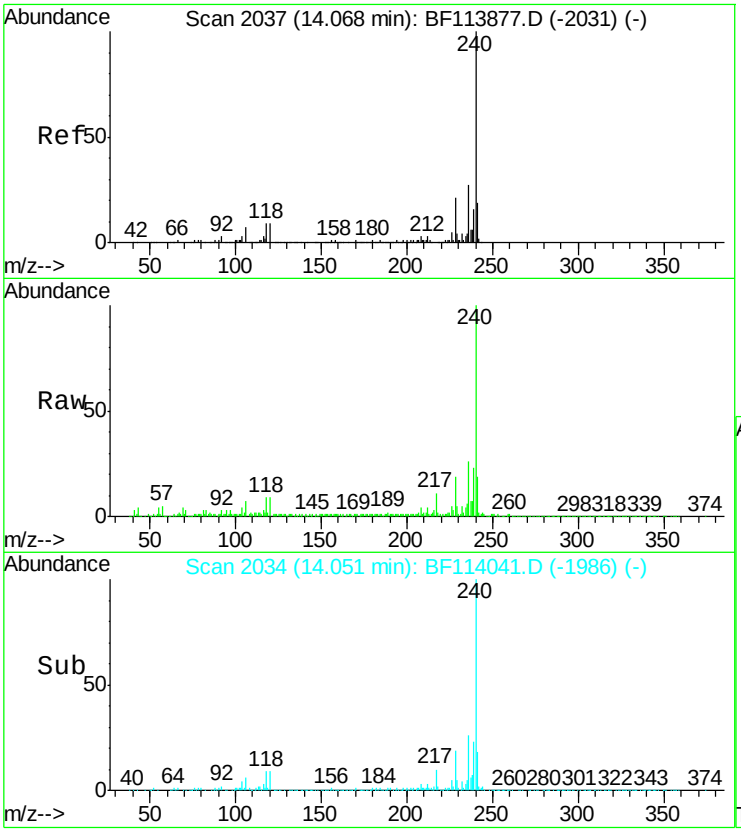


#75
Fluoranthene
Concen: 34.925 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Tgt Ion:202 Resp: 719029

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.9
203	17.7	0.0	38.2



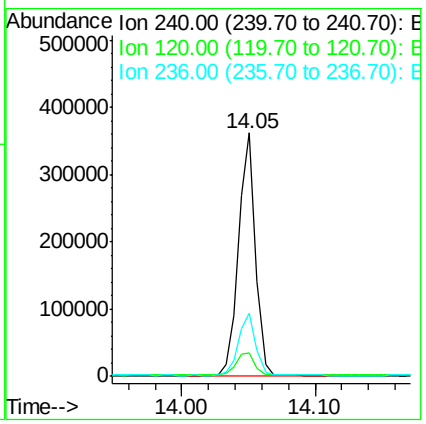


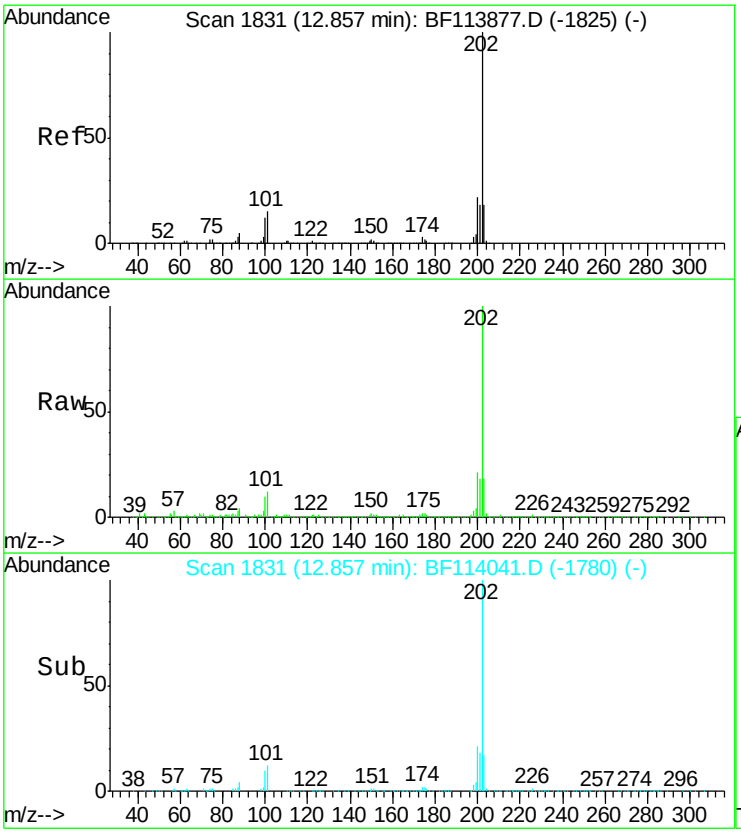
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 318601

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.3	13.9
236	25.8	21.2	31.8

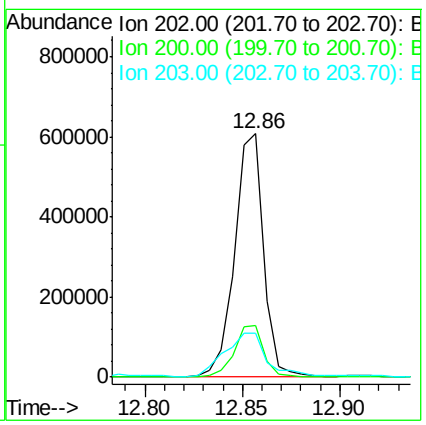


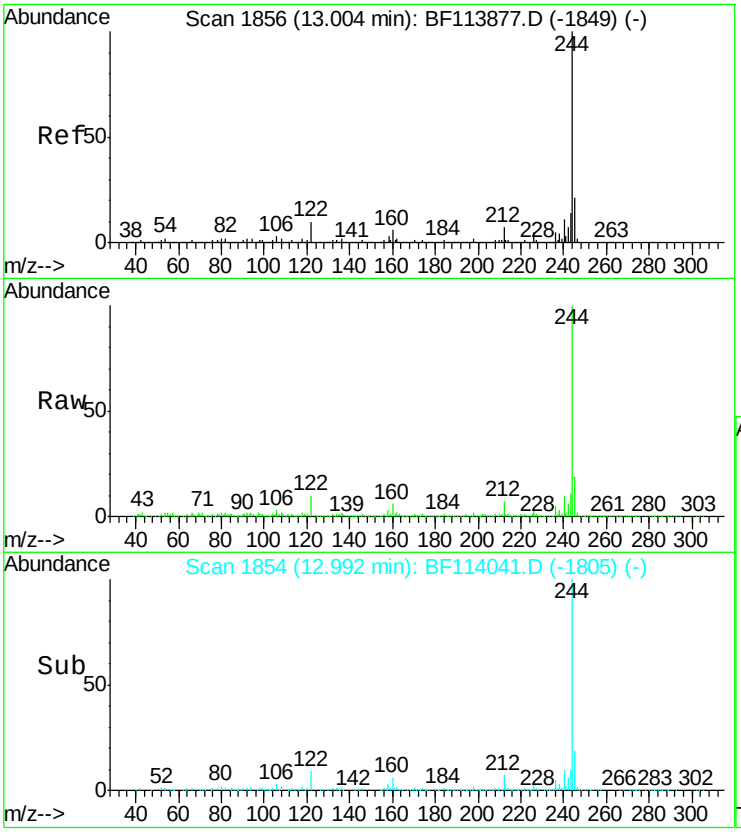


#78
Pyrene
Concen: 27.872 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Tgt Ion:202 Resp: 620993

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	18.0	15.0	22.6



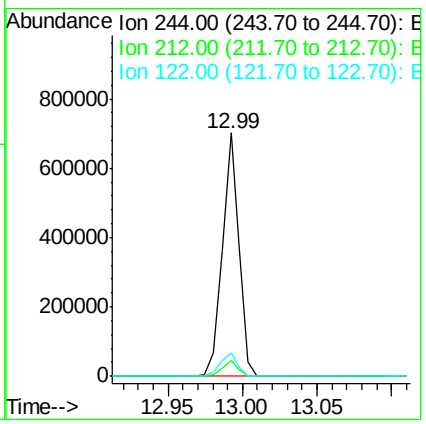


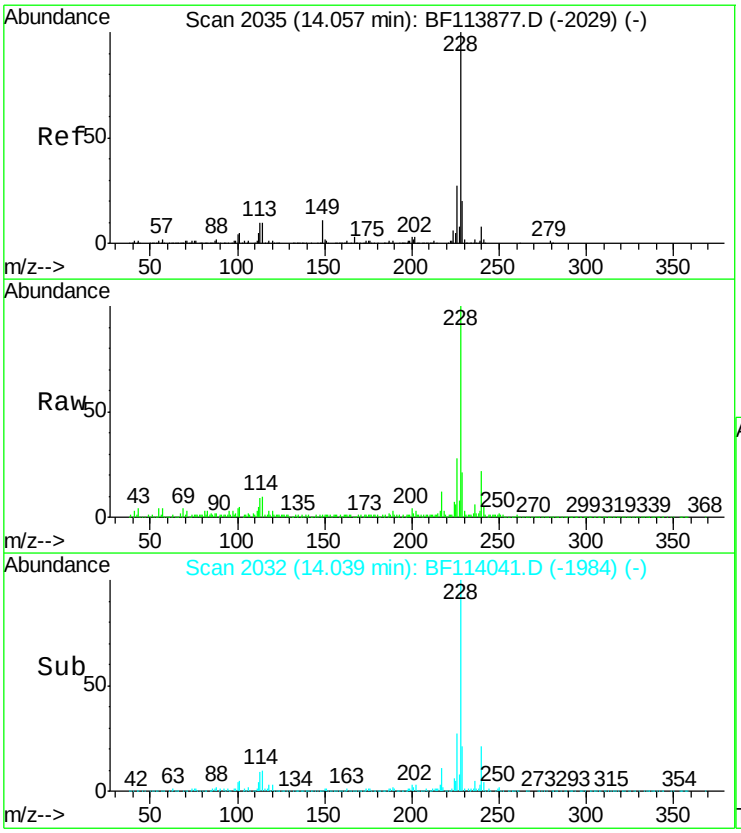
#79
Terphenyl-d14
Concen: 35.536 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 552246

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	9.7	7.6	11.4

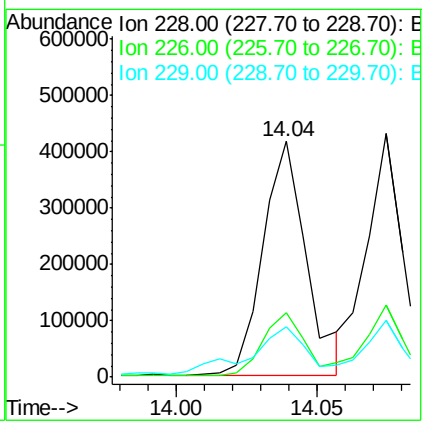


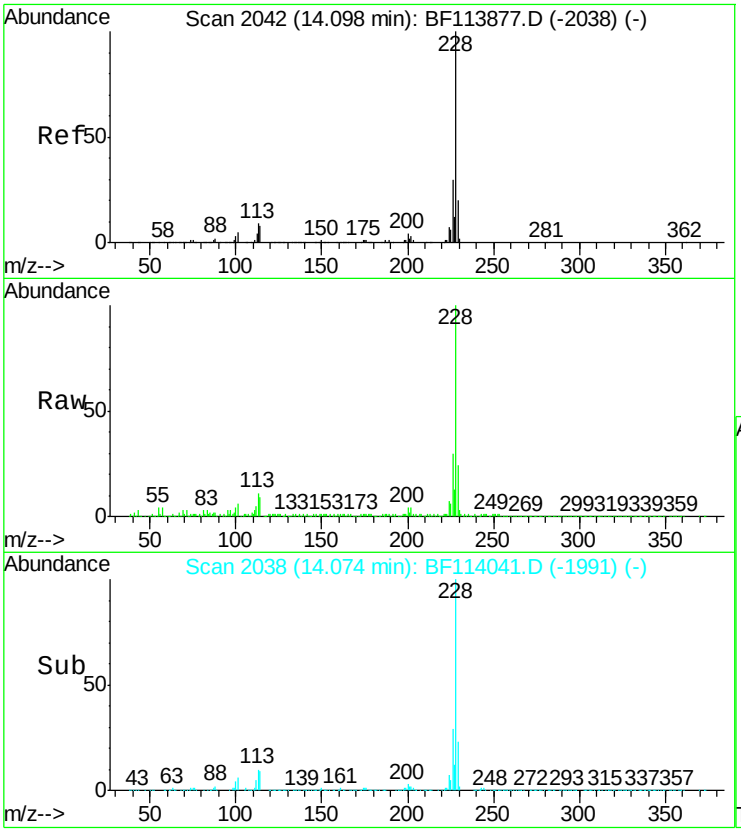


#81
Benzo(a)anthracene
Concen: 23.623 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Tgt Ion:228 Resp: 443438

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.2
229	21.3	16.0	24.0



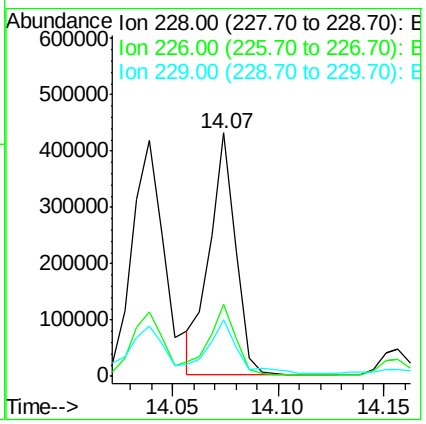


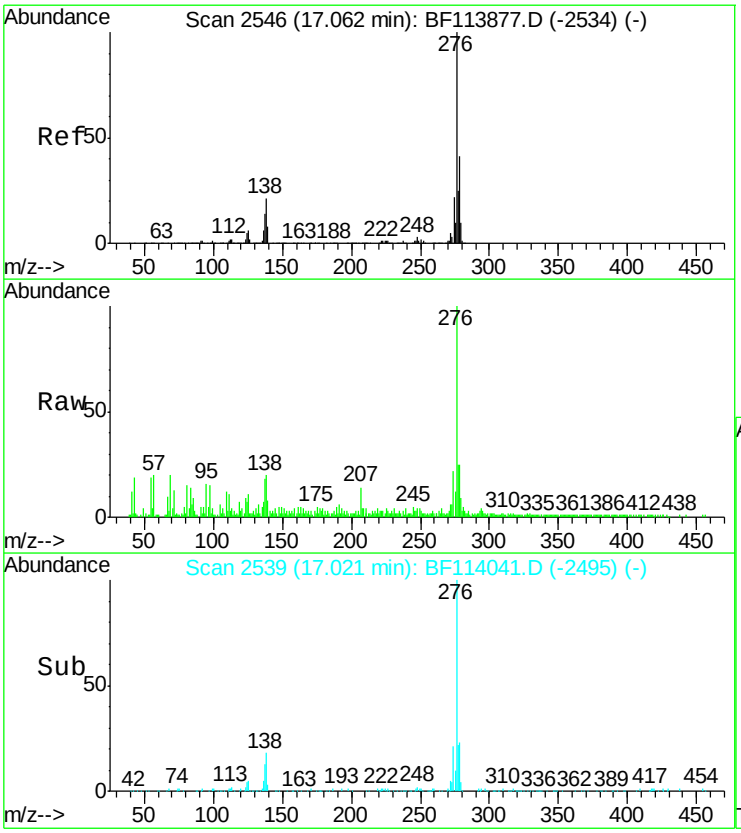
#83
Chrysene
Concen: 20.276 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.02 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 370686

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.2	37.8
229	23.5	16.7	25.1

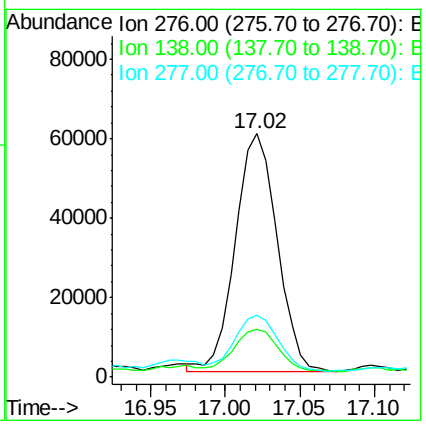


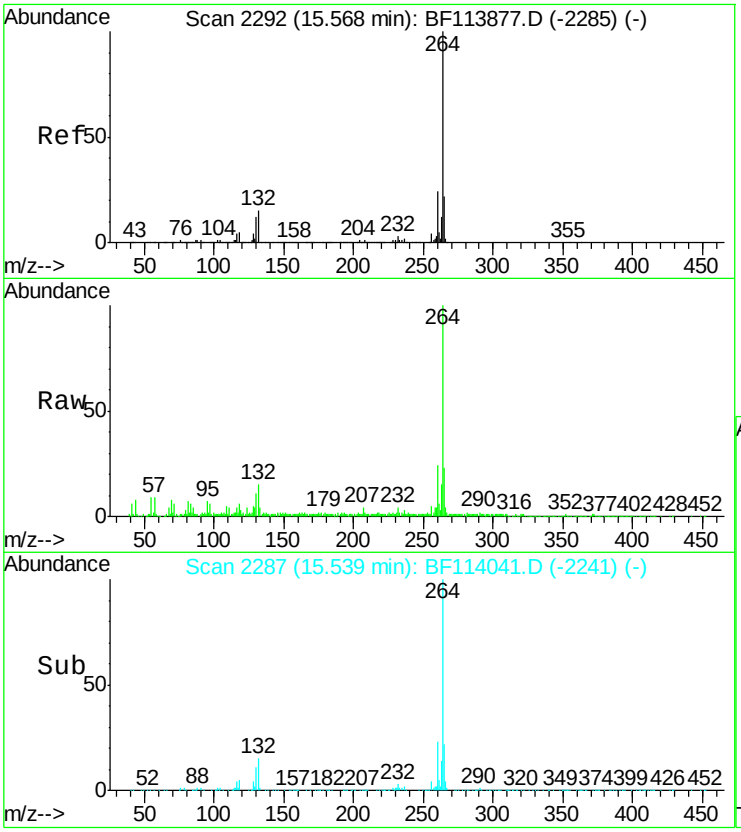


#86
Indeno(1,2,3-cd)pyrene
Concen: 6.701 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.04 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Tgt Ion:276 Resp: 116038

Ion	Ratio	Lower	Upper
276	100		
138	19.7	19.6	29.4
277	24.6	20.2	30.4



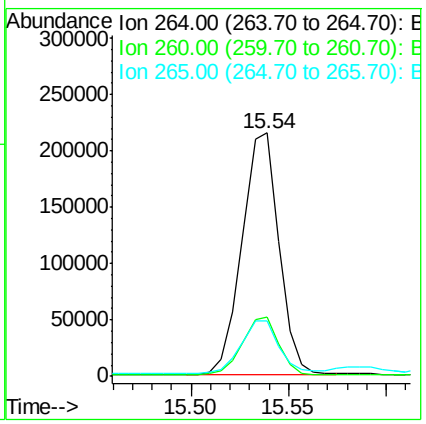


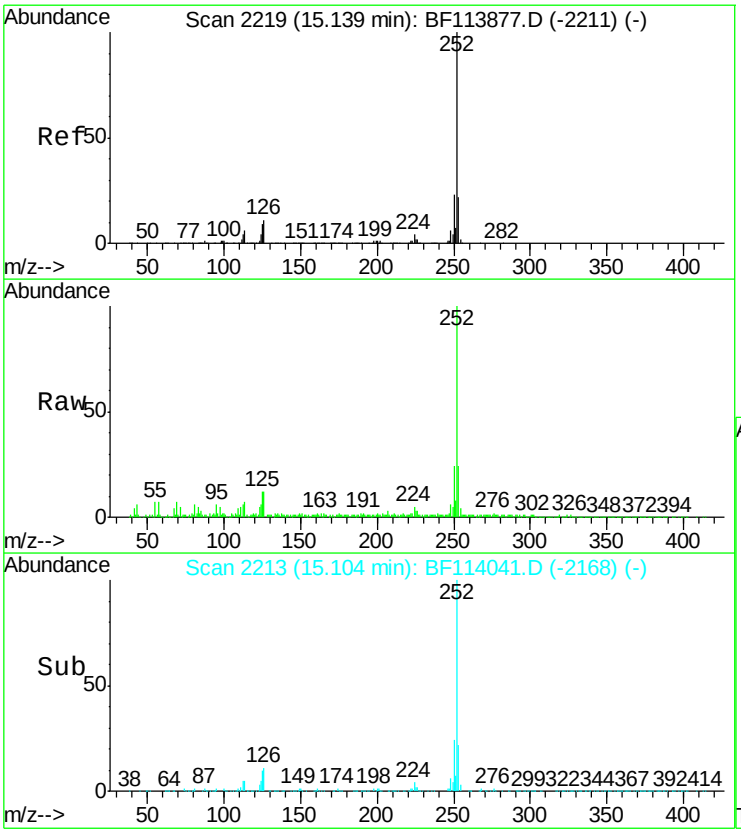
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.03 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 281903

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	23.0	17.3	25.9

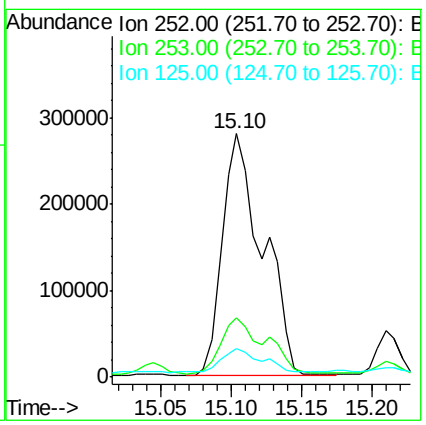


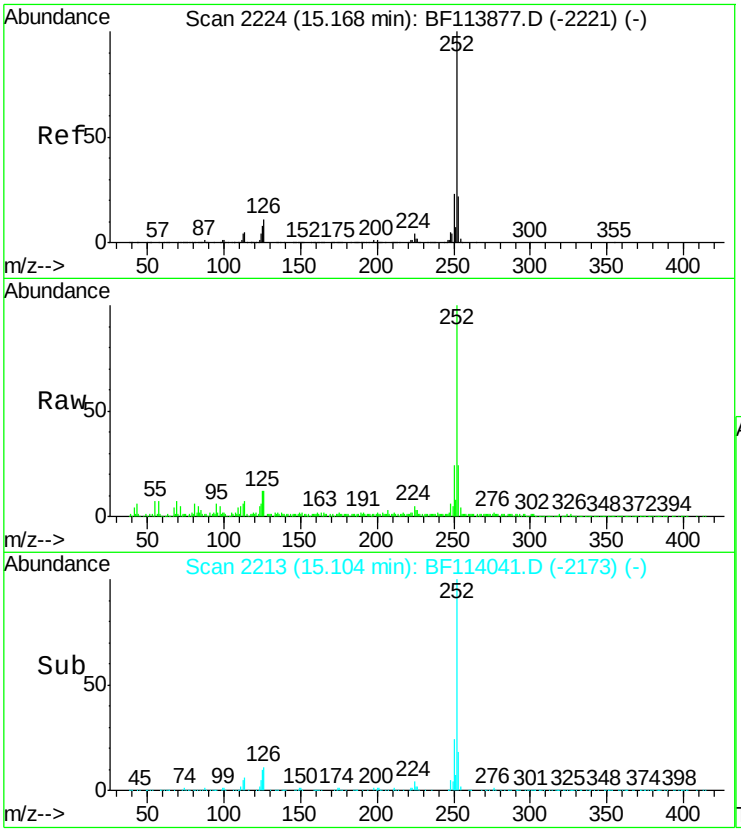


#88
Benzo(b)fluoranthene
Concen: 31.332 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.04 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Tgt Ion:252 Resp: 558829

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.6
125	11.9	7.0	10.6#



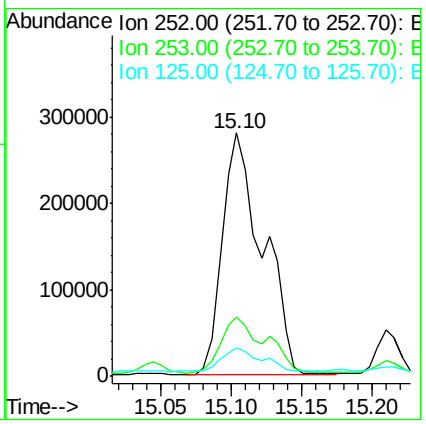


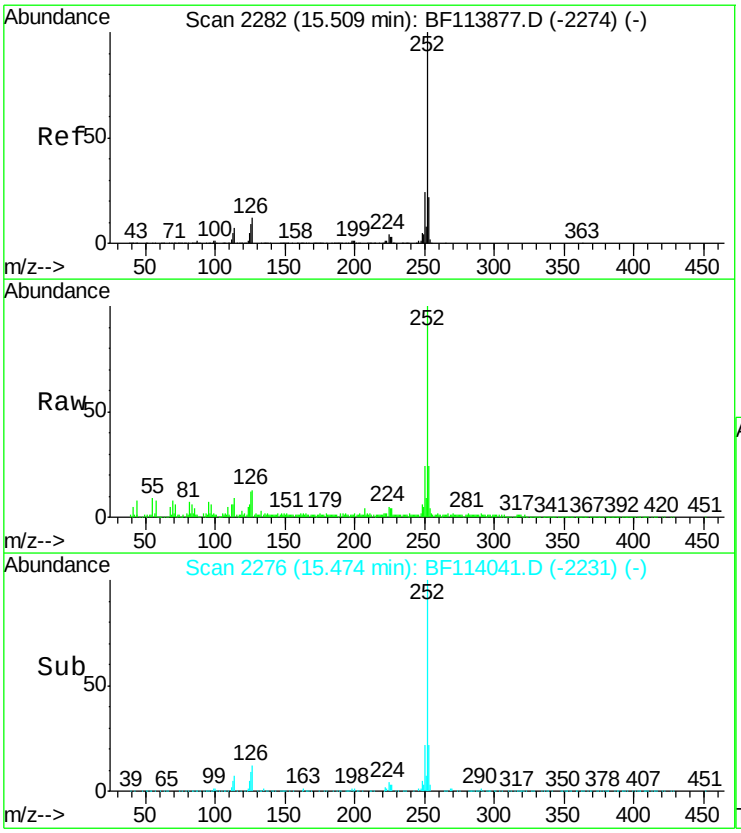
#89
Benzo(k)fluoranthene
Concen: 36.425 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.06 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 558829

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	11.9	7.4	11.2#

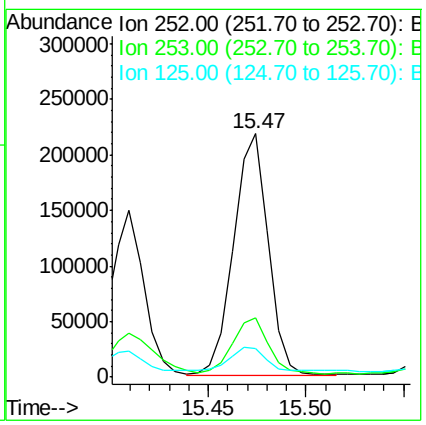


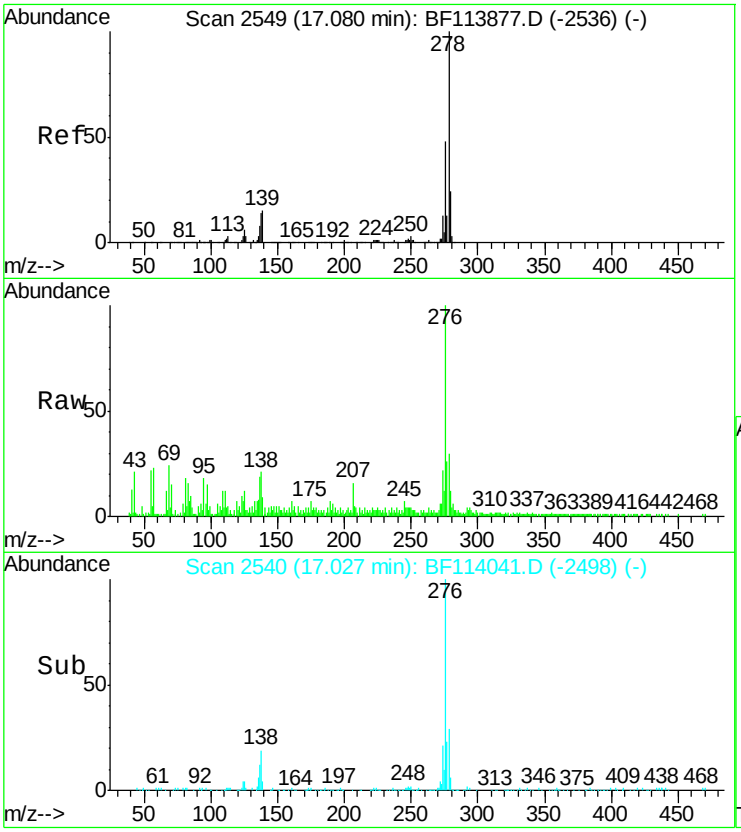


#90
Benzo(a)pyrene
Concen: 17.191 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.04 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Tgt Ion:252 Resp: 265208

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	11.8	8.5	12.7



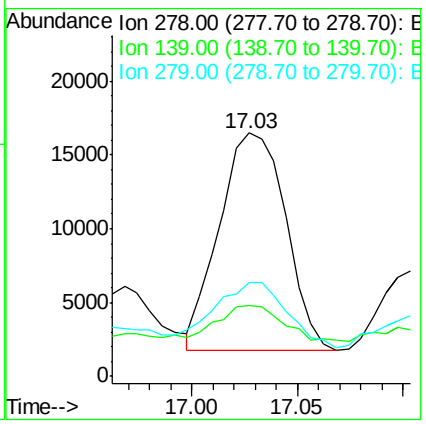


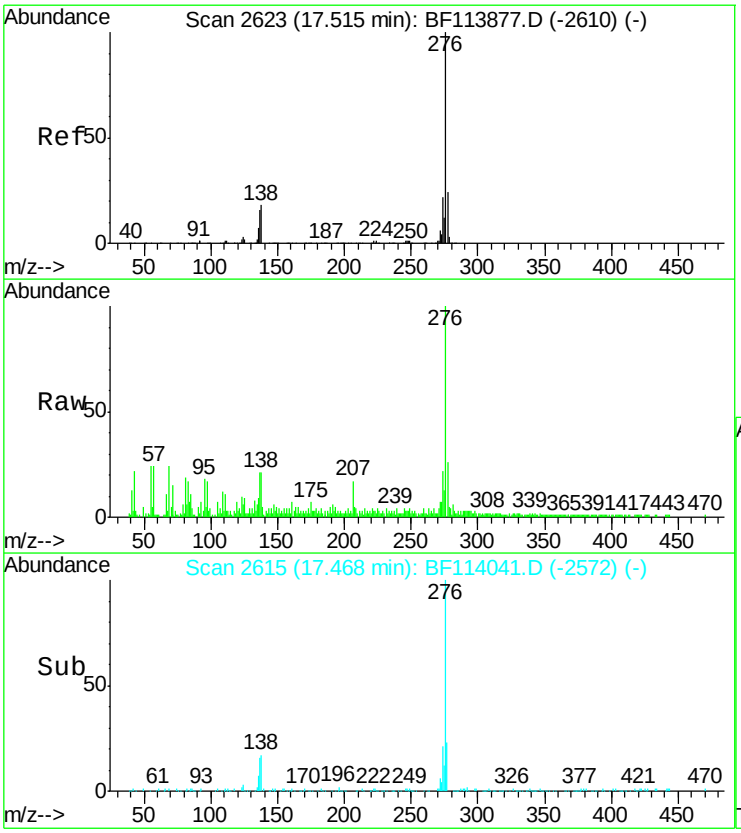
#91
Dibenzo(a,h)anthracene
Concen: 2.221 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.05 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 32161

Ion	Ratio	Lower	Upper
278	100		
139	29.1	11.6	17.4#
279	38.3	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 7.031 ng
RT: 17.47 min Scan# 2615
Delta R.T. -0.05 min
Lab File: BF114041.D
Acq: 30 Apr 2019 14:51

Tgt Ion:276 Resp: 102748

Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.0	28.4
138	21.0	16.6	25.0