Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
Data File : BF118877.D
Acq On : 10 Feb 2020 19:16
Operator : CG/JU
Sample : L1470-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-6A-(DUPLICATE)

Quant Time: Feb 11 00:17:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	204965	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	999345	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	455105	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	897962	20.00	ng		0.00
76) Chrysene-d12	13.97	240	629390	20.00	ng		0.00
87) Perylene-d12	15.42	264	855811	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1055901	97.52	ng		0.00
7) Phenol-d6	6.45	99	1269461	94.44	ng		0.00
23) Nitrobenzene-d5	7.37	82	1071712	63.92	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	538075	98.81	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1794240	70.48	ng		-0.01
79) Terphenyl-d14	12.92	244	2275348	74.26	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.36	77	1641	Below Cal		#	85
19) n-Nitroso-di-n-propylamine	7.37	70	144373	17.555	ng	#	76
25) Isophorone	7.37	82	1068722	35.468	ng	#	63
31) Naphthalene	8.12	128	97655	2.137	ng		98
37) 2-Methylnaphthalene	8.81	142	68546	2.162	ng		96
49) Acenaphthylene	9.71	152	117171	3.101	ng		99
50) Dimethylphthalate	9.56	163	69765	2.251	ng		98
51) 2,6-Dinitrotoluene	9.85	165	62936	8.876	ng	#	31
52) Acenaphthene	9.88	154	72991	2.931	ng		97
55) Dibenzofuran	10.05	168	100197	2.784	ng		94
56) 4-Nitrophenol	10.05	139	35641	6.263	ng	#	12
58) Fluorene	10.39	166	171829	6.347	ng		97
67) 4-Bromophenyl-phenylether	10.64	248	34535	3.251	ng	#	1
71) Phenanthrene	11.36	178	1648352	37.309	ng		99
72) Anthracene	11.41	178	447203	10.175	ng		97
75) Fluoranthene	12.55	202	2502885	51.886	ng		99
78) Pyrene	12.78	202	2161718	50.066	ng		99
81) Benzo(a)anthracene	13.96	228	1209323	32.290	ng		98
83) Chrysene	14.00	228	966104	25.702	ng		97
86) Indeno(1,2,3-cd)pyrene	16.86	276	706804	18.715	ng		94
88) Benzo(b)fluoranthene	15.00	252	1822217	34.314	ng		99
89) Benzo(k)fluoranthene	15.00	252	1822217	39.405	ng	#	98
90) Benzo(a)pyrene	15.36	252	1276148	28.080	ng		98
91) Dibenzo(a,h)anthracene	17.03	278	146700	3.636	ng		97
92) Benzo(g,h,i)perylene	17.29	276	616462	15.888	ng		99

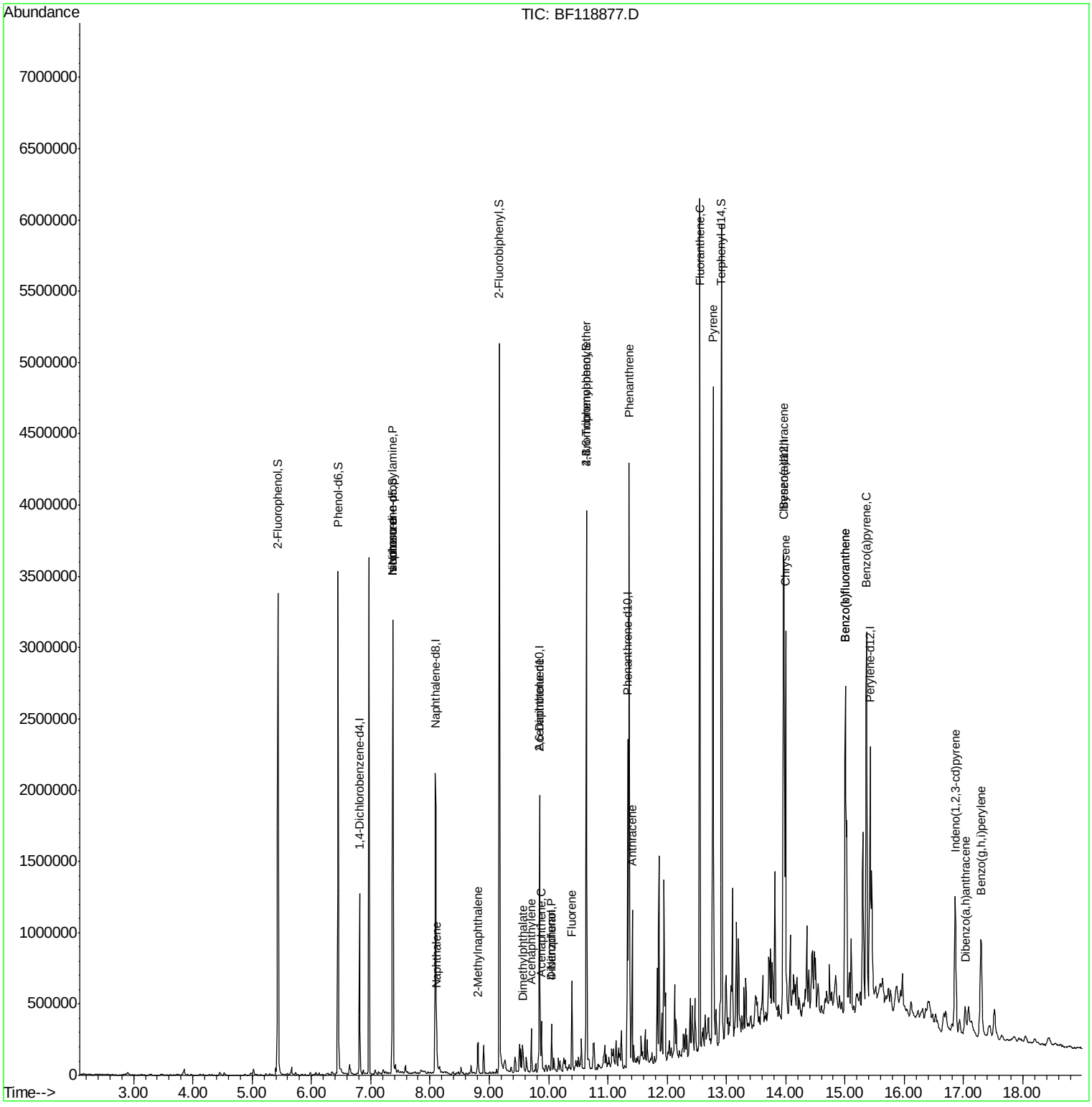
(#) = qualifier out of range (m) = manual integration (+) = signals summed

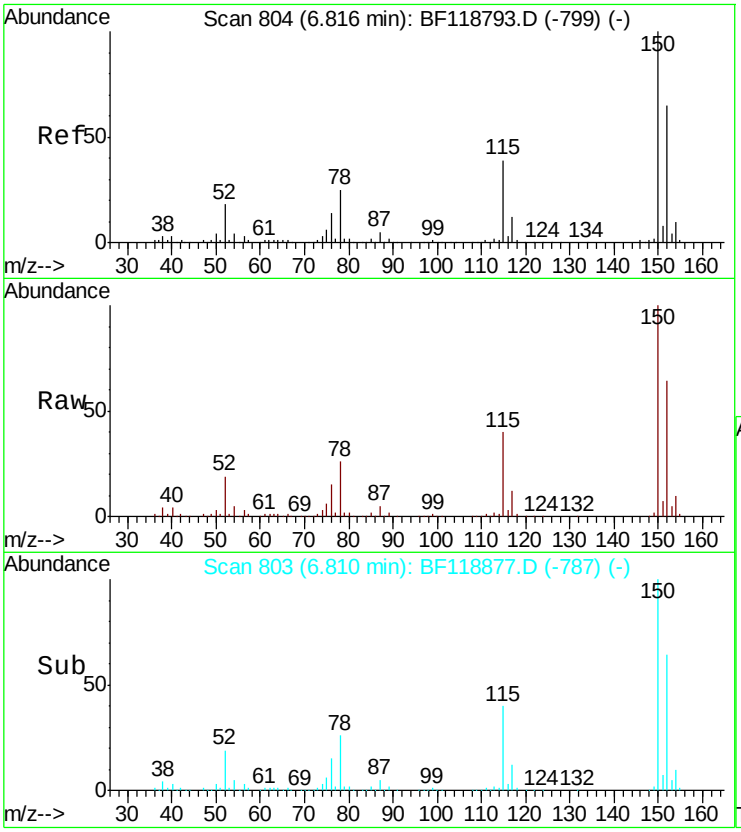
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
Data File : BF118877.D
Acq On : 10 Feb 2020 19:16
Operator : CG/JU
Sample : L1470-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-6A-(DUPLICATE)

Quant Time: Feb 11 00:17:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



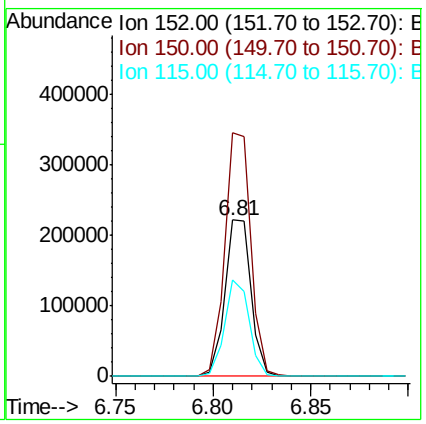


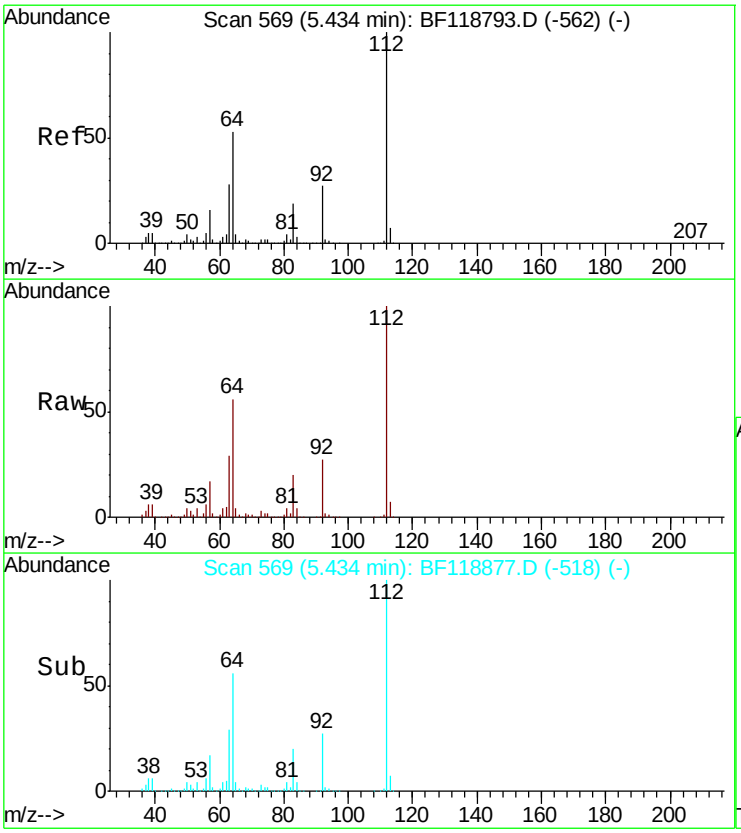
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Instrument :
BNA_F
ClientSampleId :
PE-6A-(DUPLICATE)

Tgt Ion:152 Resp: 204965

Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.6	185.4
115	61.8	48.2	72.2

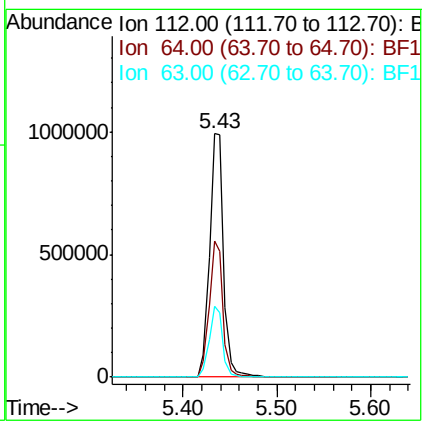


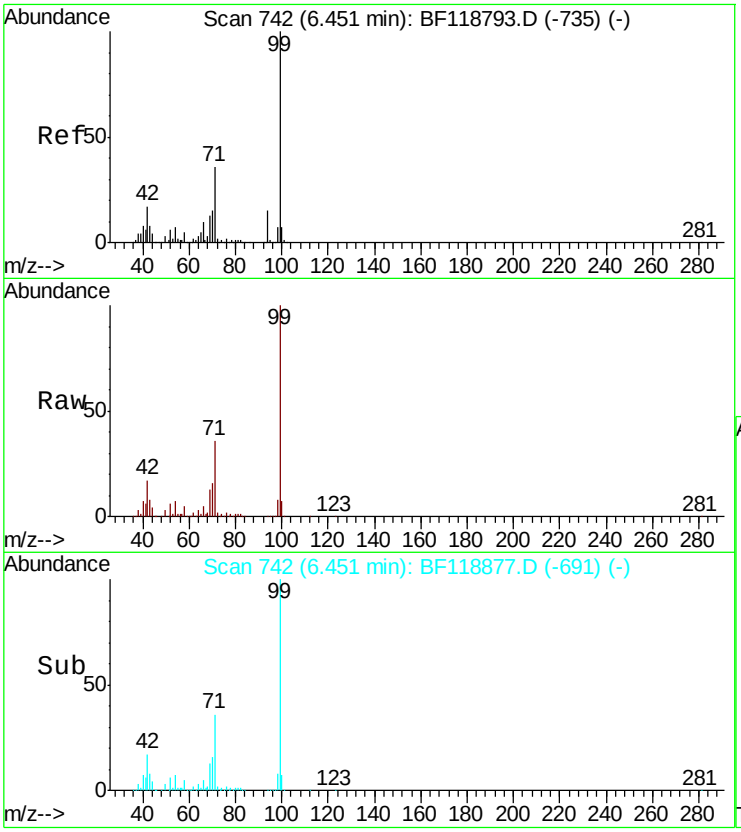


#5
2-Fluorophenol
Concen: 97.516 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Tgt Ion:112 Resp: 1055901

Ion	Ratio	Lower	Upper
112	100		
64	56.0	42.6	63.8
63	29.1	22.2	33.4



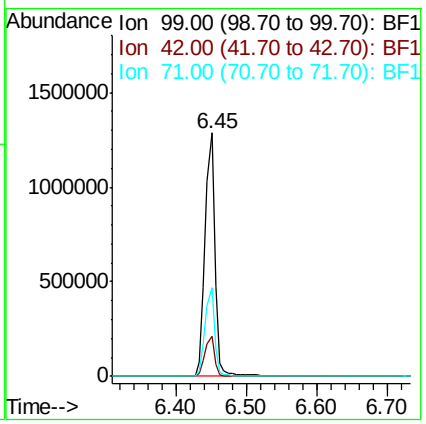


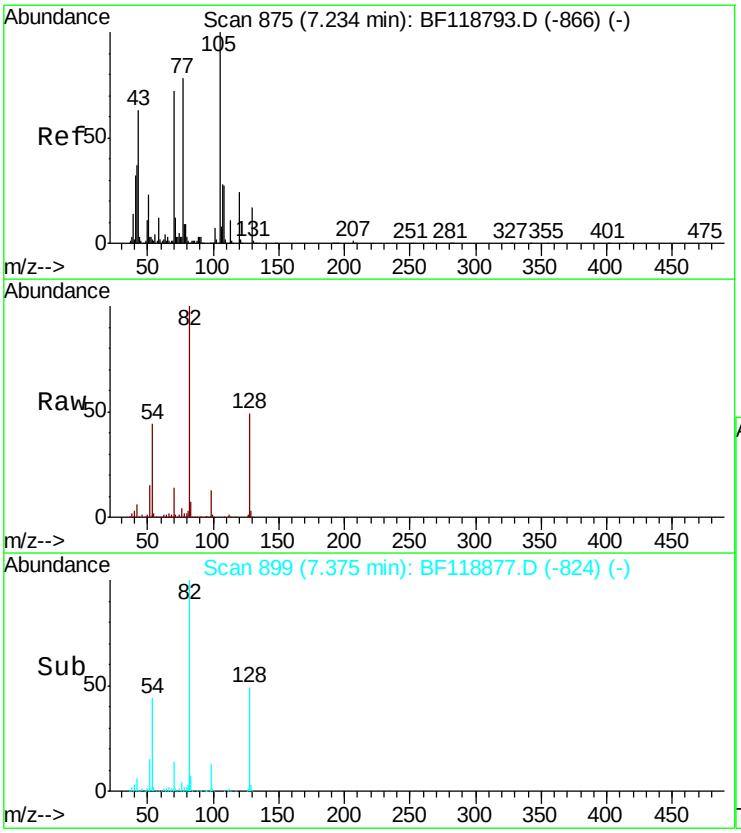
#7
Phenol-d6
Concen: 94.445 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Instrument :
BNA_F
ClientSampleId :
PE-6A-(DUPLICATE)

Tgt Ion: 99 Resp: 1269461

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.4	20.0
71	36.4	29.0	43.6

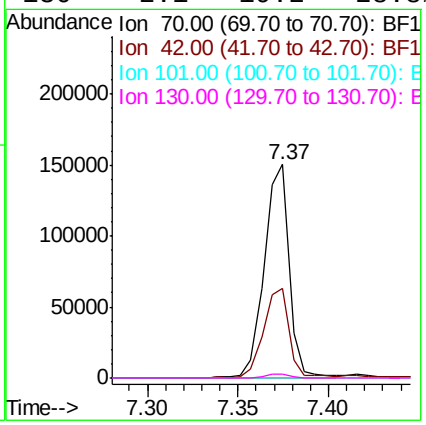


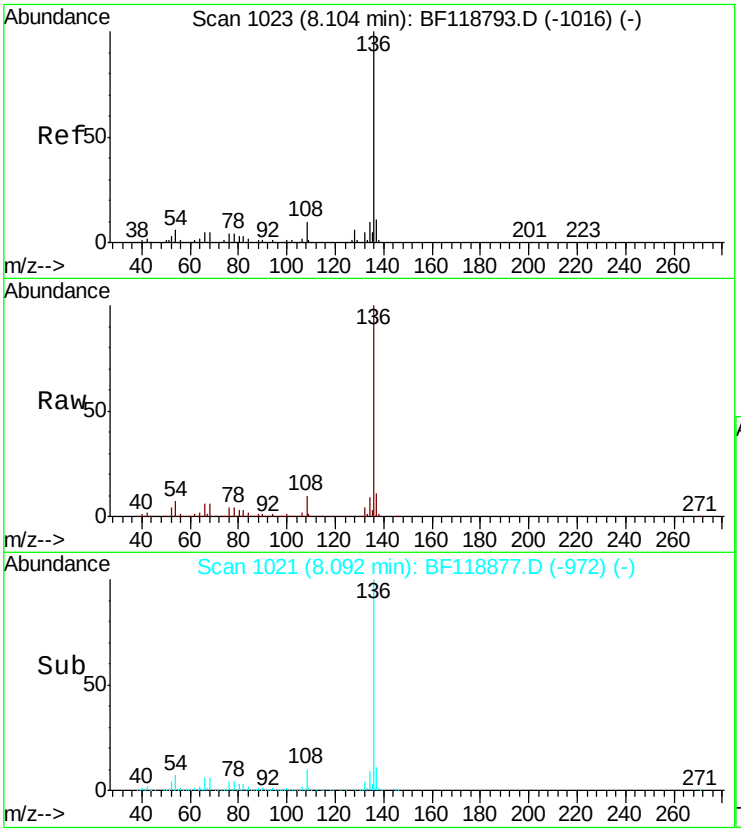


#19
n-Nitroso-di-n-propylamine
Concen: 17.555 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Tgt Ion: 70 Resp: 144373

Ion	Ratio	Lower	Upper
70	100		
42	41.9	41.5	62.3
101	0.0	8.3	12.5#
130	2.1	19.2	28.8#



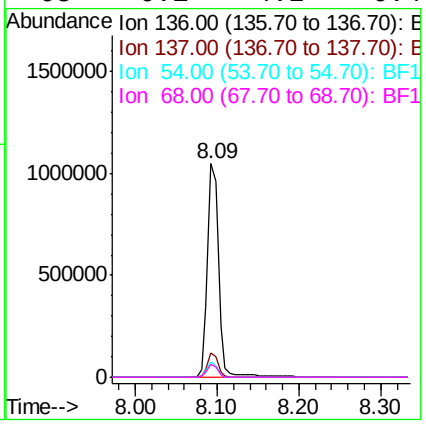


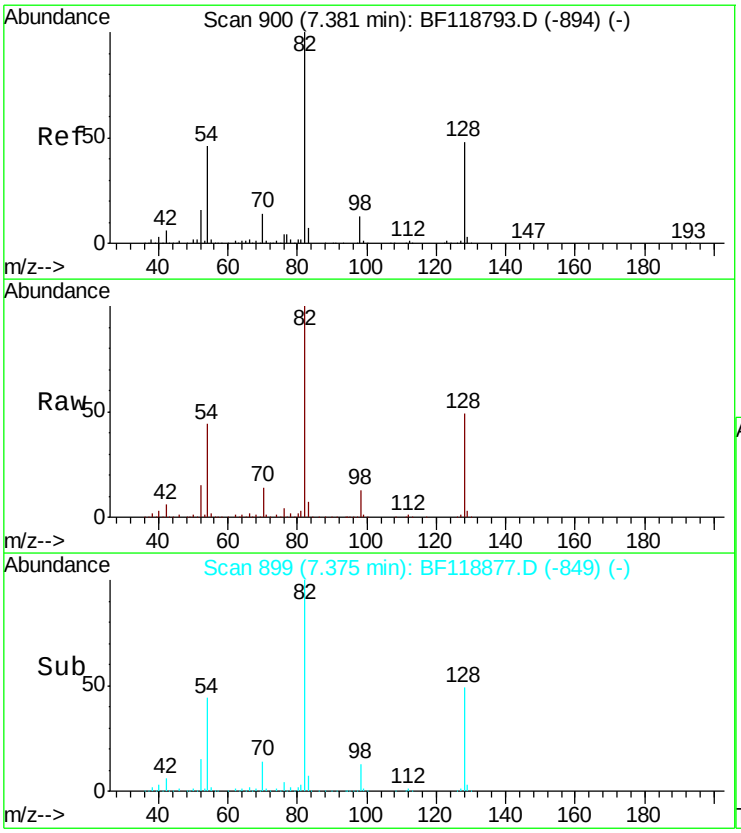
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Instrument :
BNA_F
ClientSampleId :
PE-6A-(DUPLICATE)

Tgt Ion:136 Resp: 999345

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	7.3	5.0	7.6
68	6.1	4.2	6.4

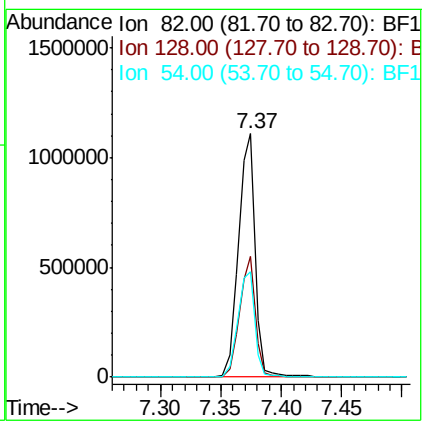


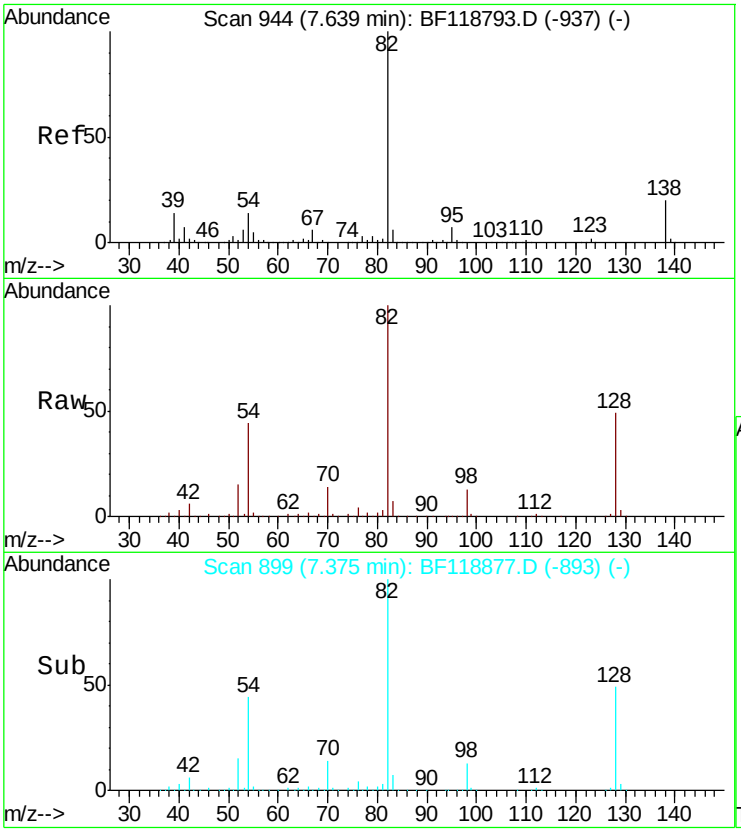


#23
Nitrobenzene-d5
Concen: 63.921 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Tgt Ion: 82 Resp: 1071712

Ion	Ratio	Lower	Upper
82	100		
128	49.5	38.5	57.7
54	43.5	36.7	55.1



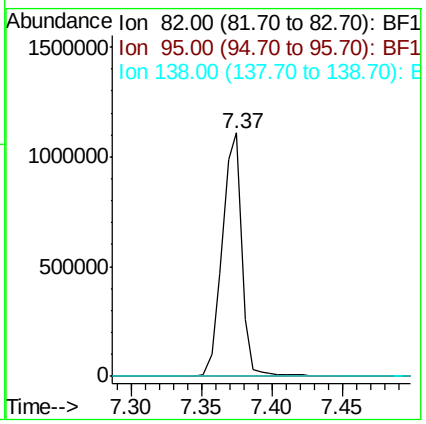


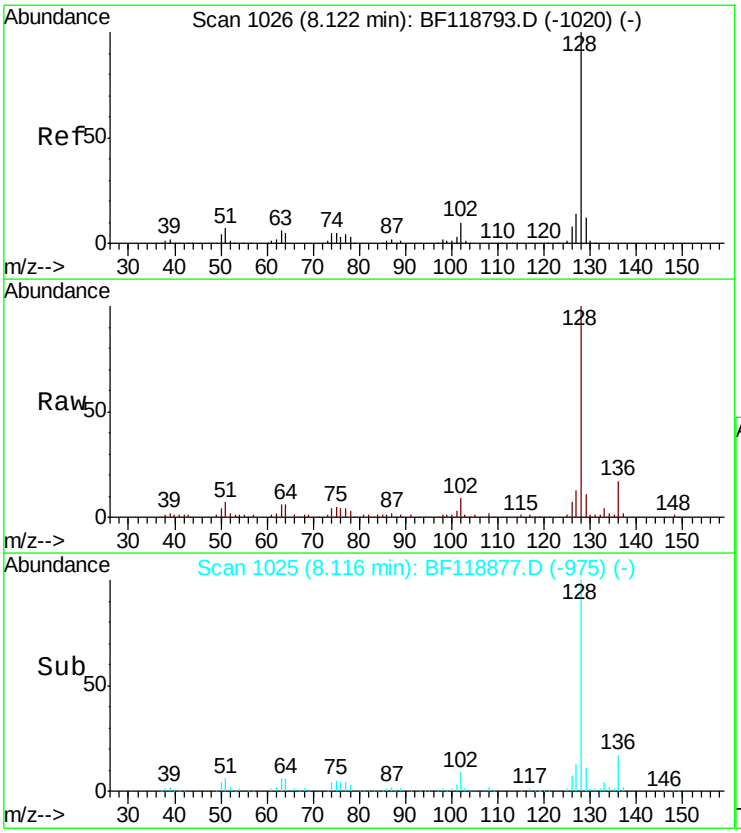
#25
Isophorone
Concen: 35.468 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Instrument :
BNA_F
ClientSampleId :
PE-6A-(DUPLICATE)

Tgt Ion: 82 Resp: 1068722

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	15.7	23.5#

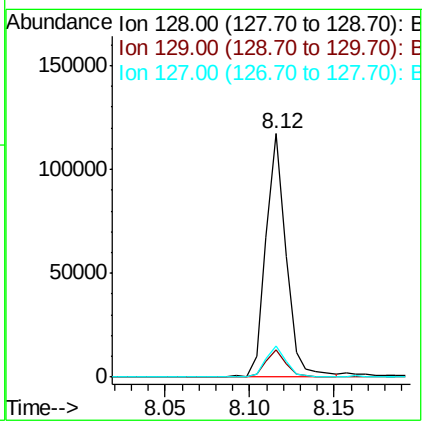


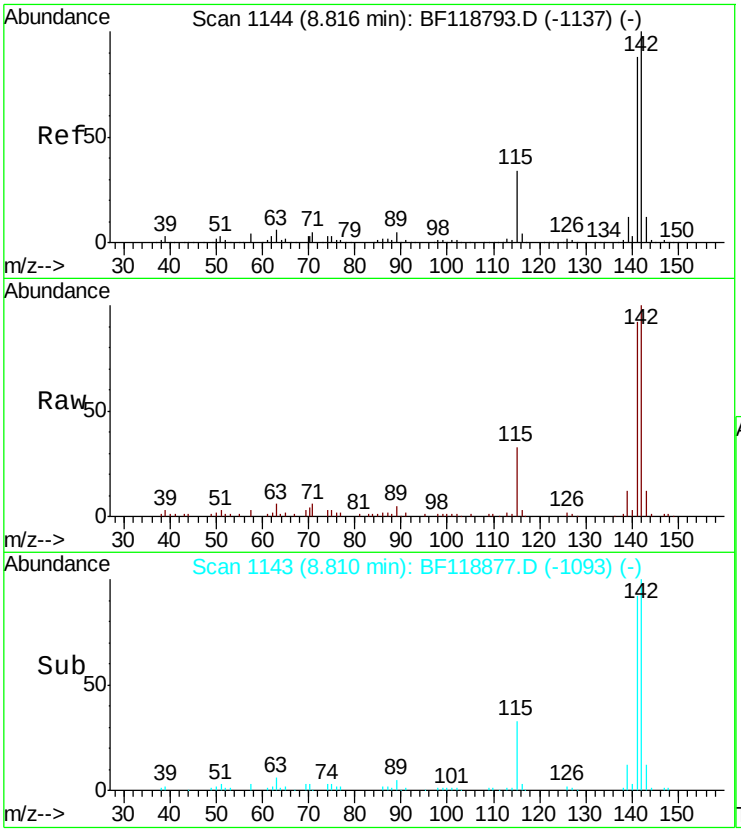


#31
Naphthalene
Concen: 2.137 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Tgt Ion:128 Resp: 97655

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.0	11.3	16.9



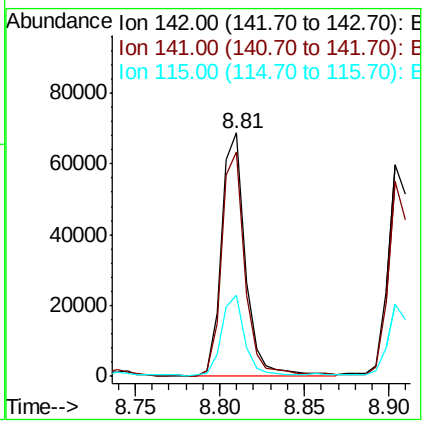


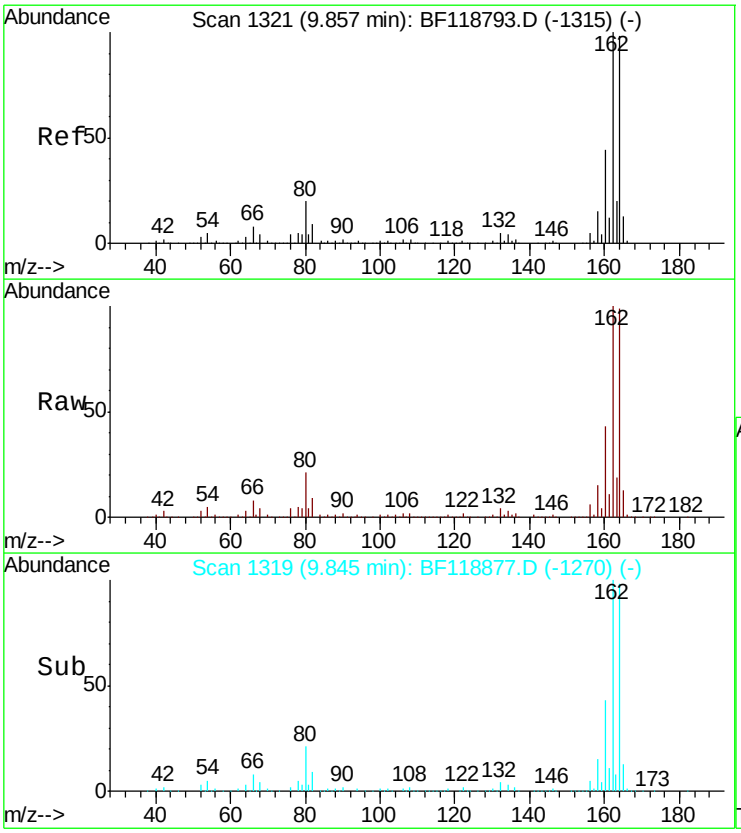
#37
2-Methylnaphthalene
Concen: 2.162 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Instrument :
BNA_F
ClientSampleId :
PE-6A-(DUPLICATE)

Tgt Ion:142 Resp: 68546

Ion	Ratio	Lower	Upper
142	100		
141	92.3	70.1	105.1
115	33.4	27.3	40.9

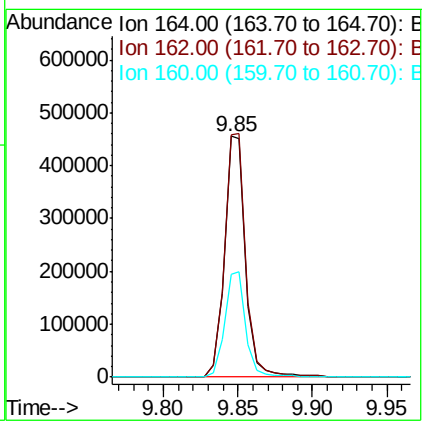


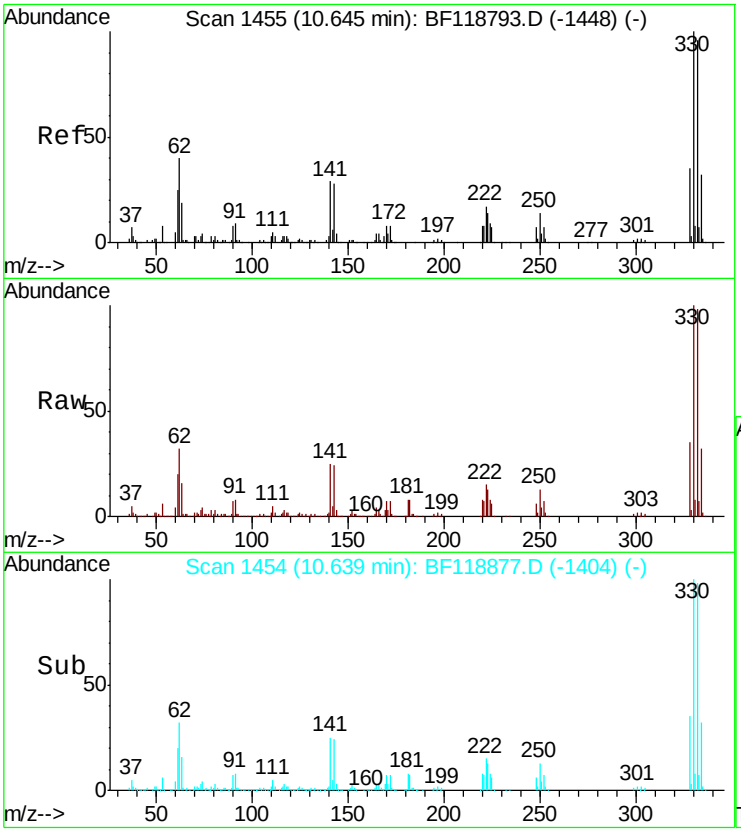


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Tgt Ion:164 Resp: 455105

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.4	122.2
160	42.8	35.6	53.4



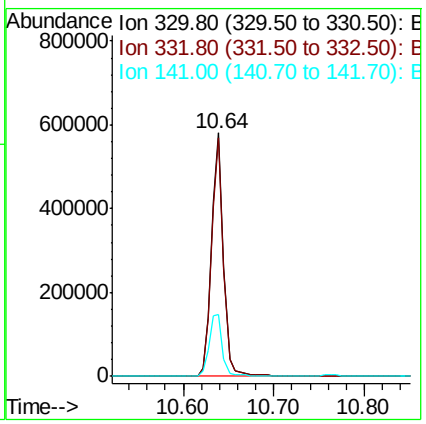


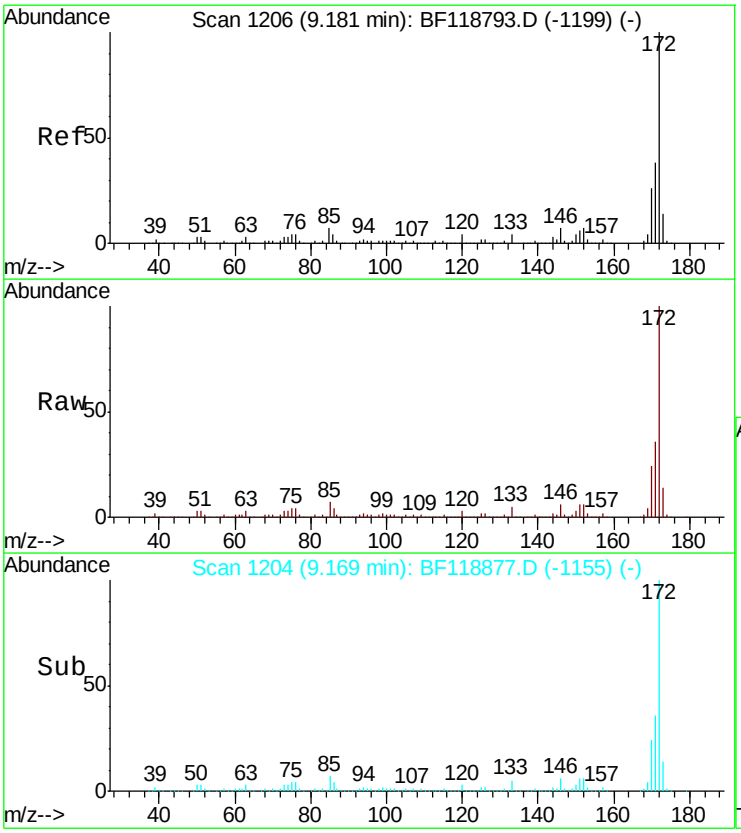
#42
2,4,6-Tribromophenol
Concen: 98.812 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Instrument :
BNA_F
ClientSampleId :
PE-6A-(DUPLICATE)

Tgt Ion:330 Resp: 538075

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	27.9	22.4	33.6

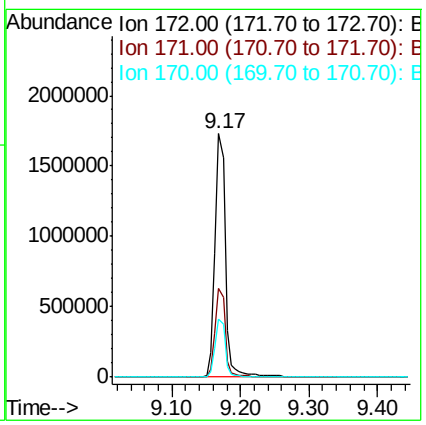


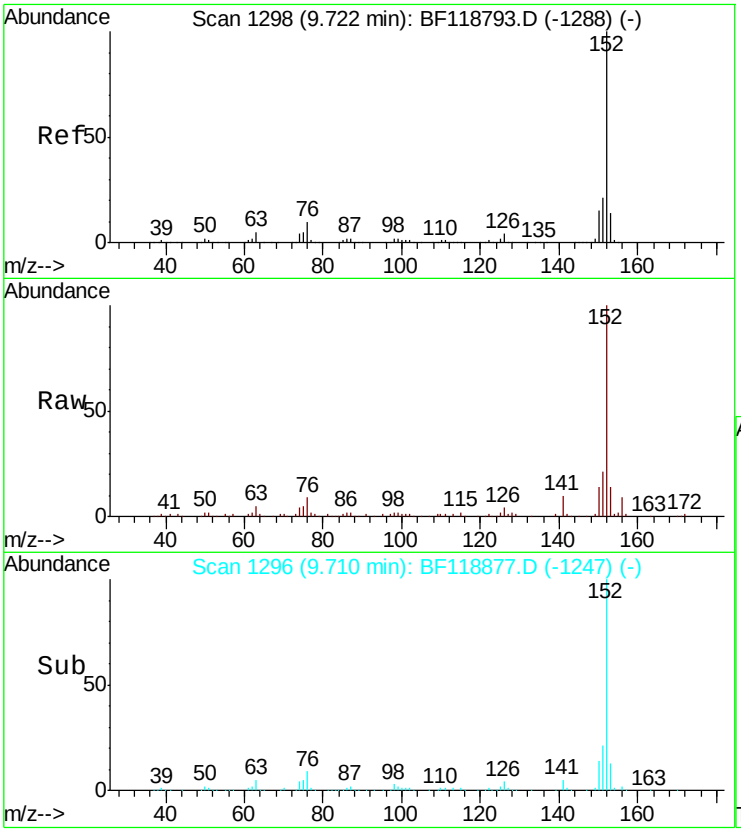


#45
2-Fluorobiphenyl
Concen: 70.479 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Tgt Ion:172 Resp: 1794240

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.8	46.2
170	23.9	20.5	30.7



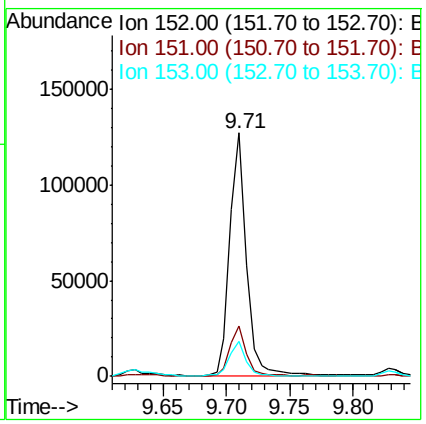


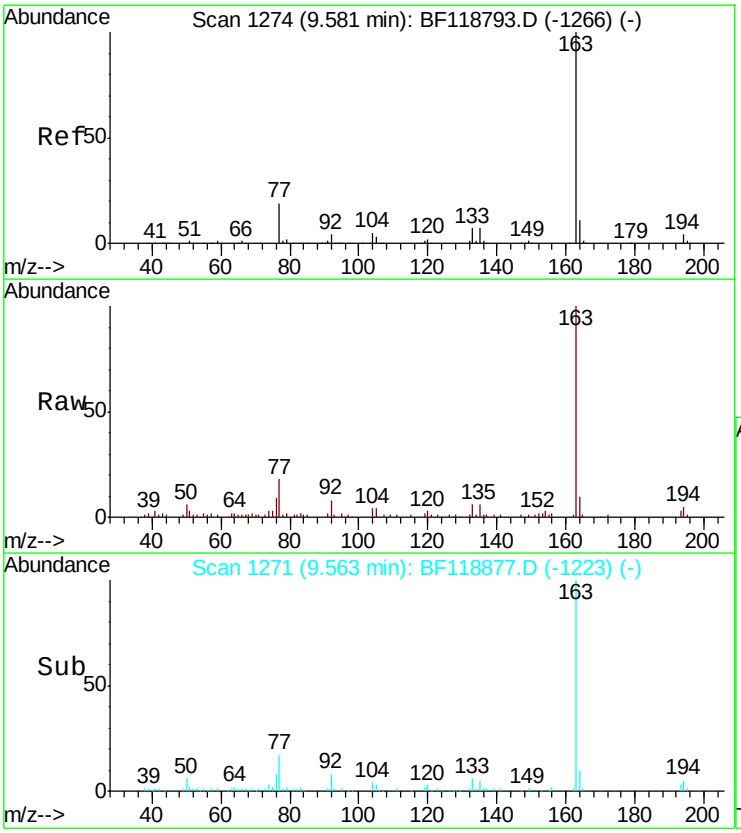
#49
Acenaphthylene
Concen: 3.101 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Instrument :
BNA_F
ClientSampleId :
PE-6A-(DUPLICATE)

Tgt Ion:152 Resp: 117171

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.1	25.7
153	14.3	11.0	16.4

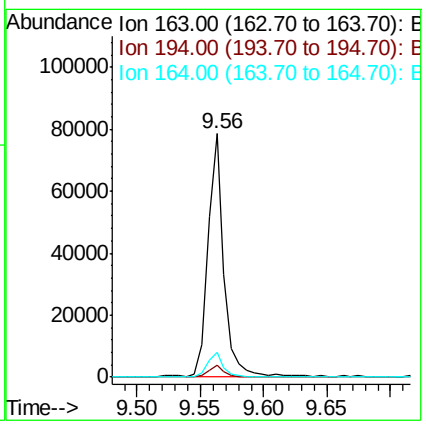


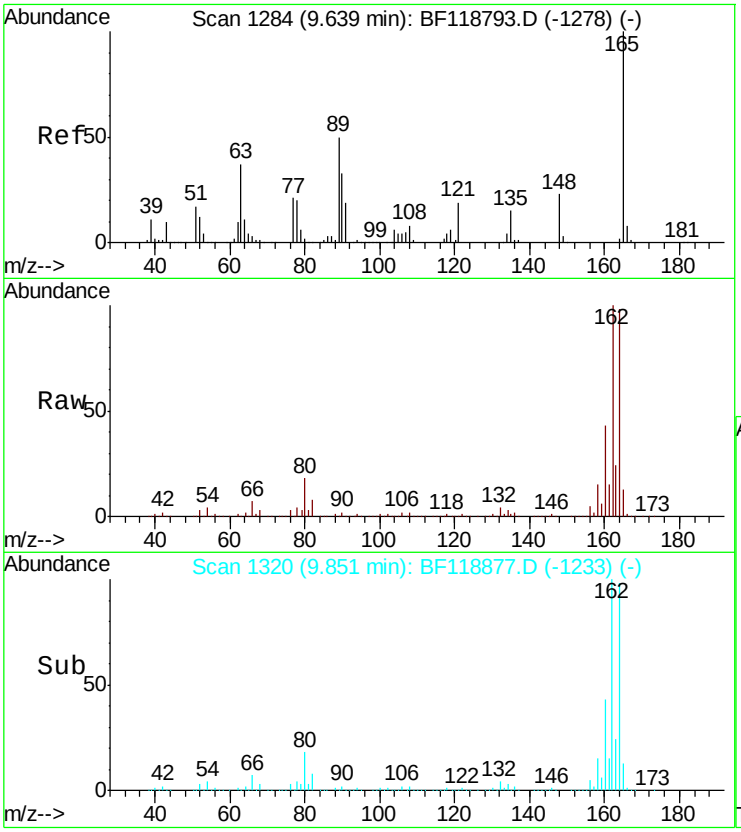


#50
Dimethylphthalate
Concen: 2.251 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Tgt Ion:163 Resp: 69765

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.6	5.4
164	10.1	8.7	13.1



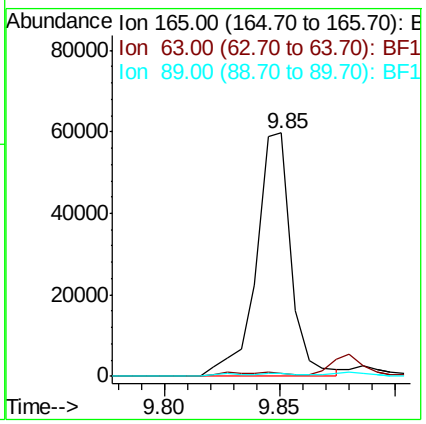


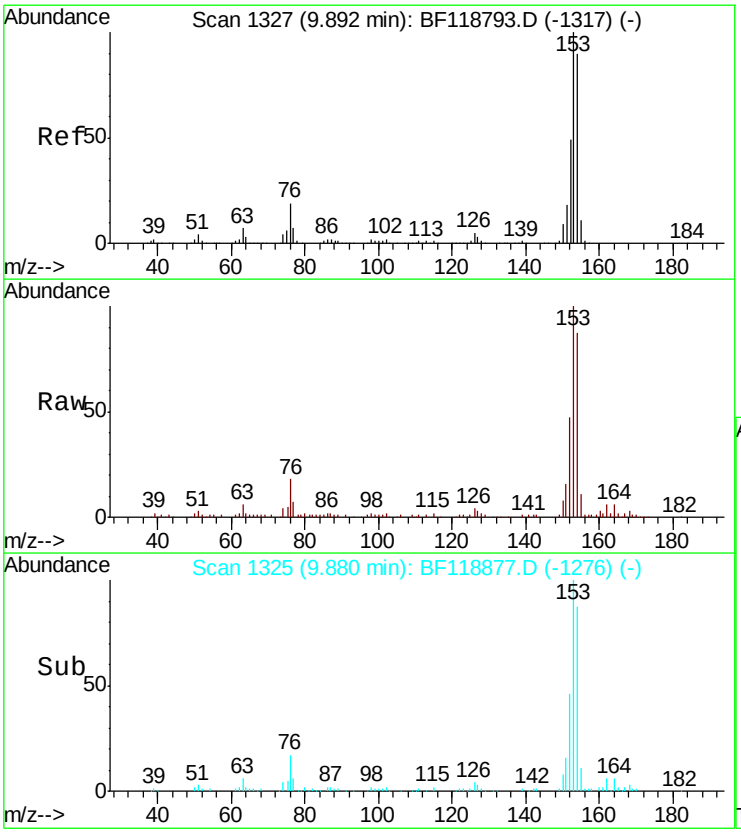
#51
2,6-Dinitrotoluene
Concen: 8.876 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Instrument :
BNA_F
ClientSampleId :
PE-6A-(DUPLICATE)

Tgt Ion:165 Resp: 62936

Ion	Ratio	Lower	Upper
165	100		
63	1.1	37.4	56.0#
89	1.4	39.7	59.5#

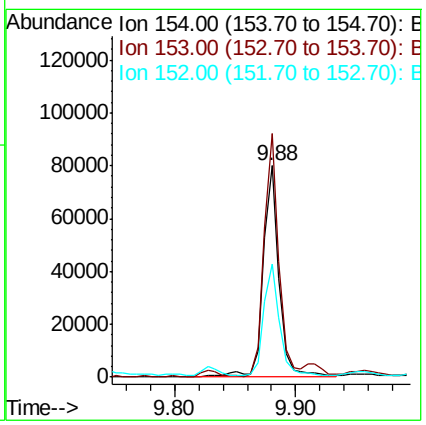


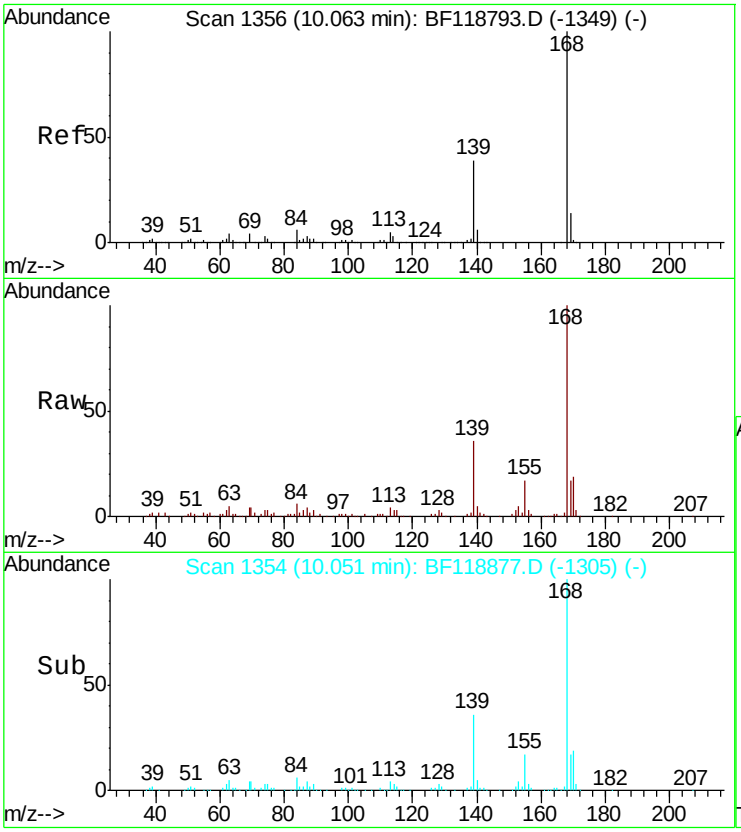


#52
Acenaphthene
Concen: 2.931 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Tgt Ion:154 Resp: 72991

Ion	Ratio	Lower	Upper
154	100		
153	115.3	89.4	134.0
152	53.7	43.6	65.4



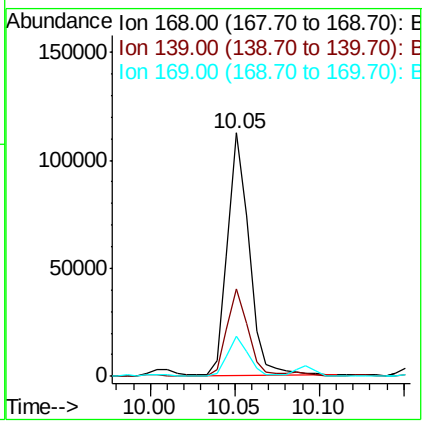


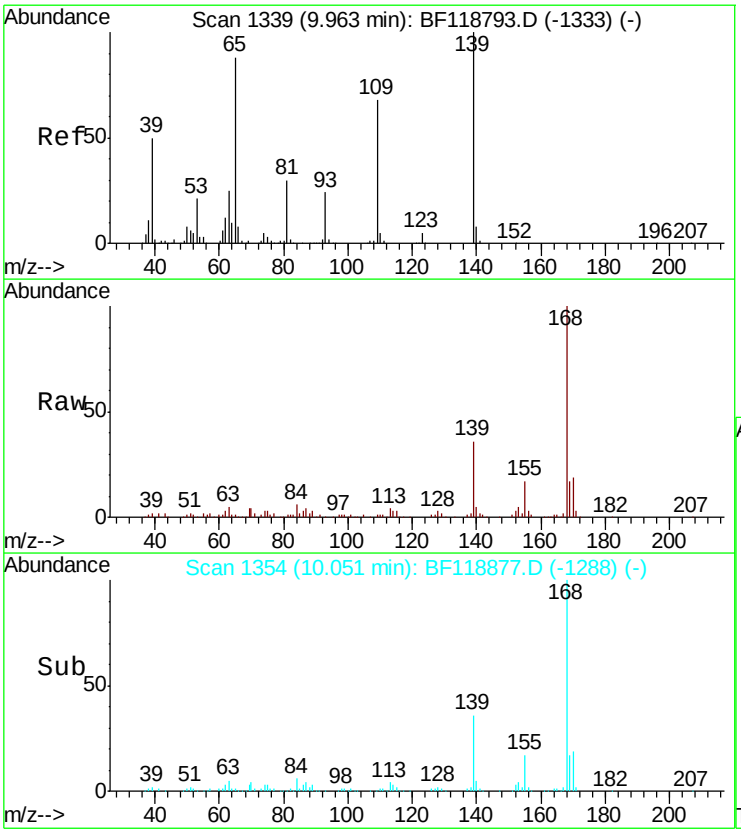
#55
Dibenzofuran
Concen: 2.784 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Instrument :
BNA_F
ClientSampleId :
PE-6A-(DUPLICATE)

Tgt Ion:168 Resp: 100197

Ion	Ratio	Lower	Upper
168	100		
139	36.1	31.6	47.4
169	16.5	11.4	17.2

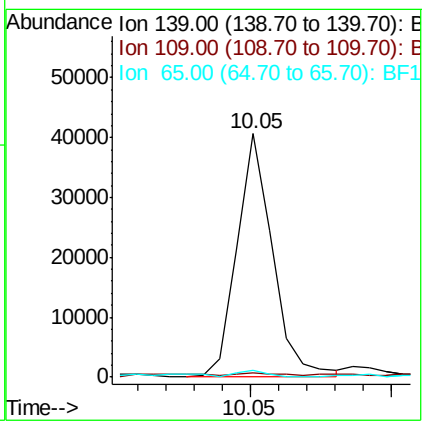


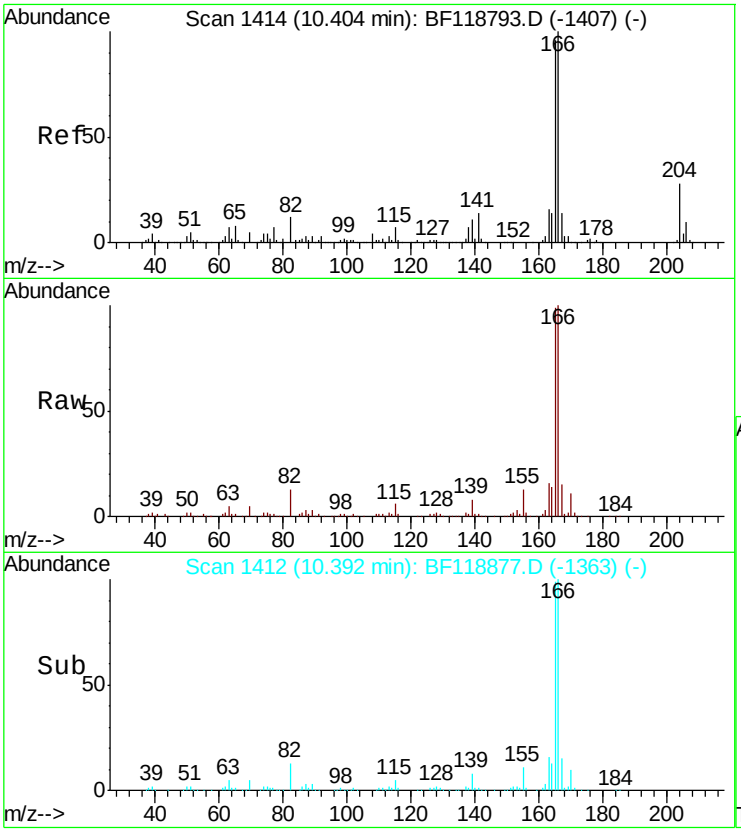


#56
4-Nitrophenol
Concen: 6.263 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.09 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Tgt Ion:139 Resp: 35641

Ion	Ratio	Lower	Upper
139	100		
109	1.6	48.0	88.0#
65	2.5	68.3	108.3#



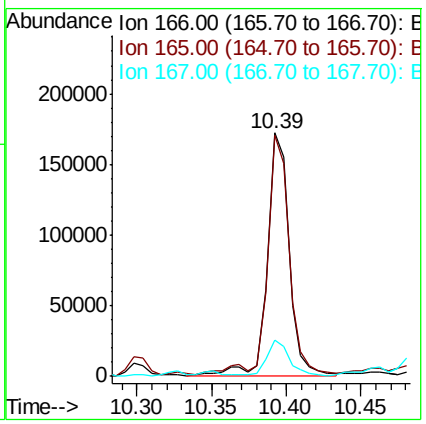


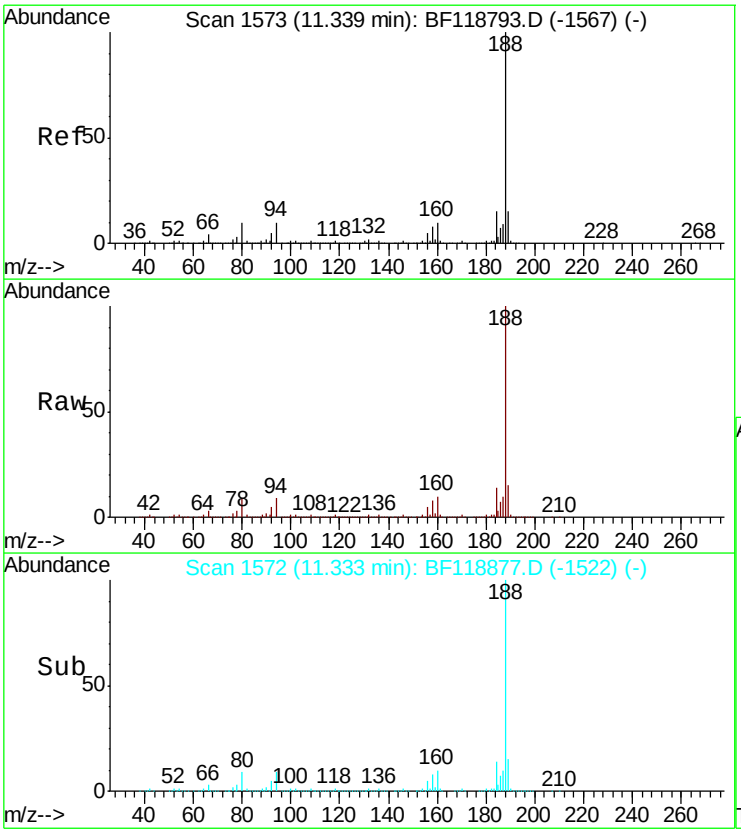
#58
Fluorene
Concen: 6.347 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Instrument :
BNA_F
ClientSampleId :
PE-6A-(DUPLICATE)

Tgt Ion:166 Resp: 171829

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.0	115.6
167	15.1	11.1	16.7

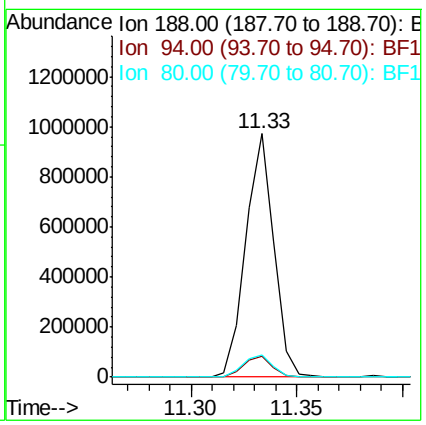


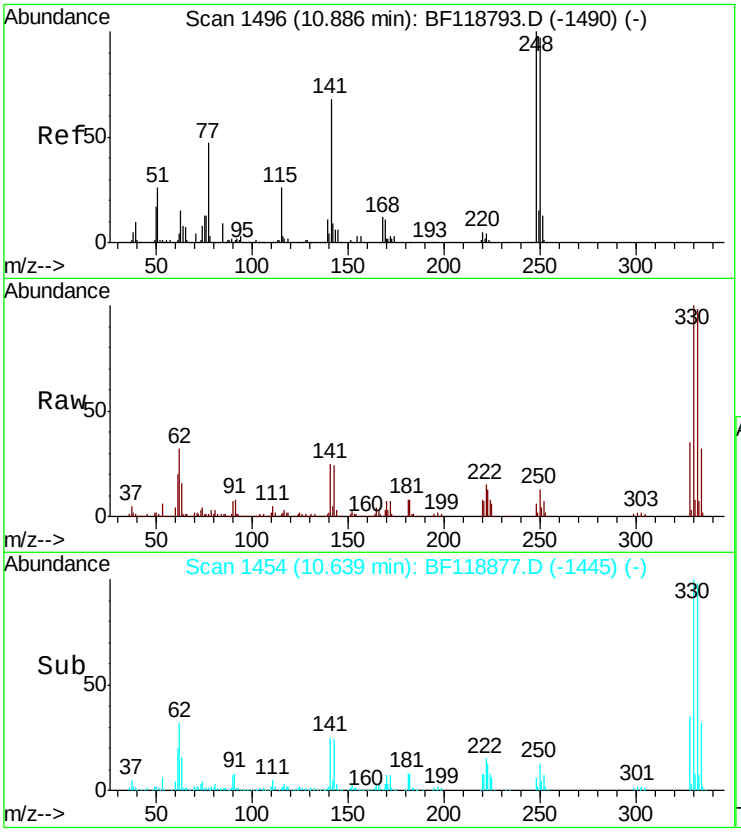


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Tgt Ion:188 Resp: 897962

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.9	11.9
80	9.0	8.4	12.6



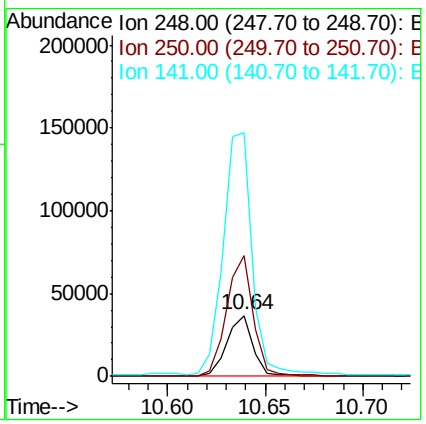


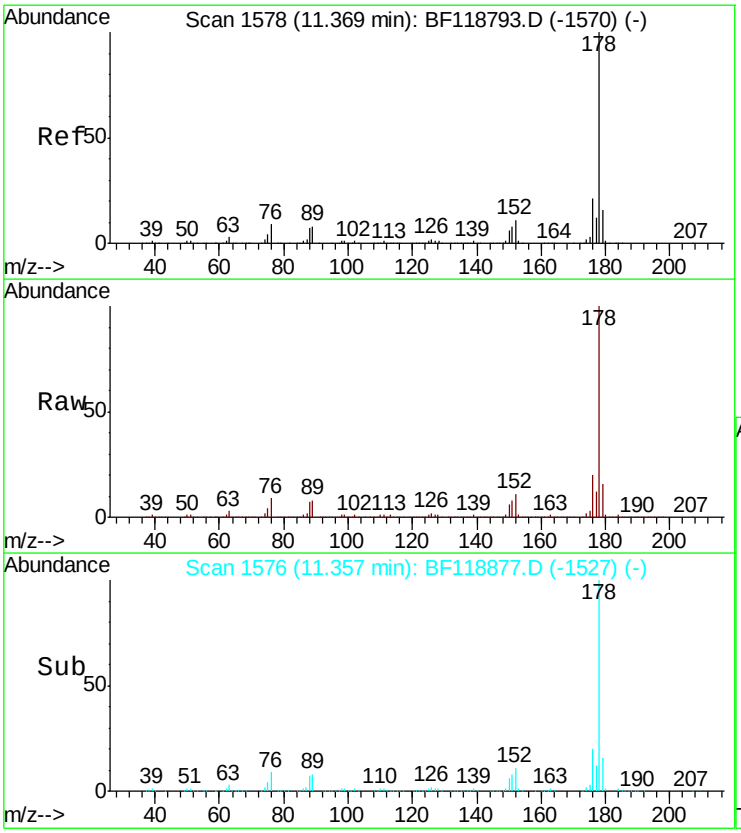
#67
4-Bromophenyl-phenylether
Concen: 3.251 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Instrument :
BNA_F
ClientSampleId :
PE-6A-(DUPLICATE)

Tgt Ion:248 Resp: 34535

Ion	Ratio	Lower	Upper
248	100		
250	198.1	77.6	116.4#
141	398.2	54.4	81.6#

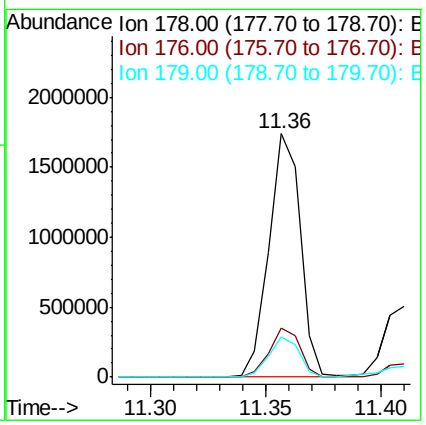


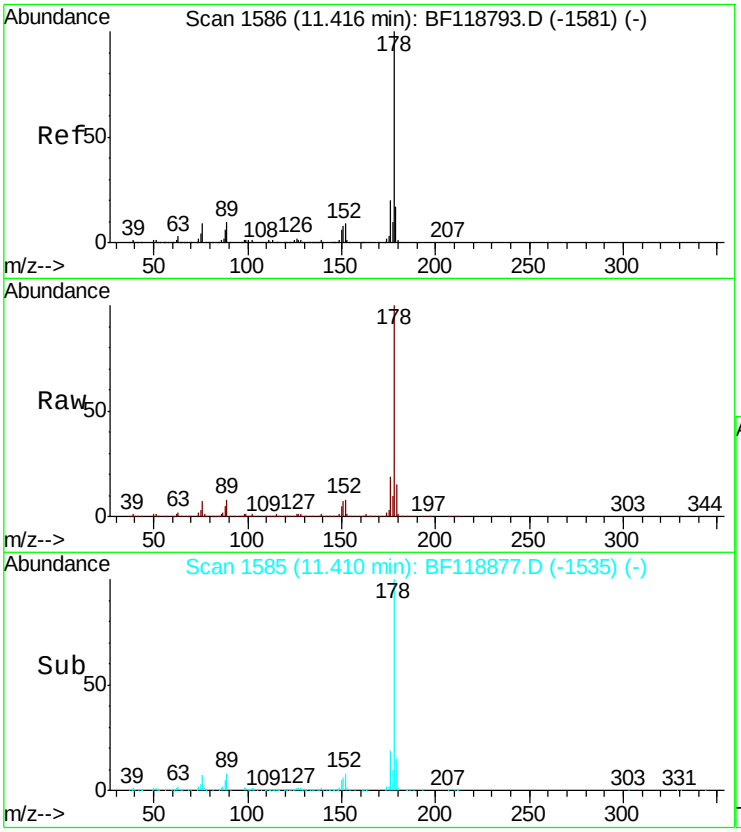


#71
Phenanthrene
Concen: 37.309 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Tgt Ion:178 Resp: 1648352

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.6	24.8
179	16.4	13.2	19.8



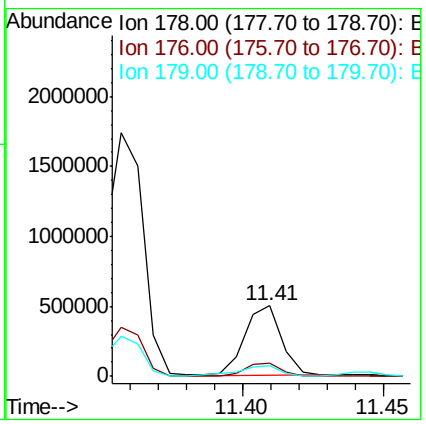


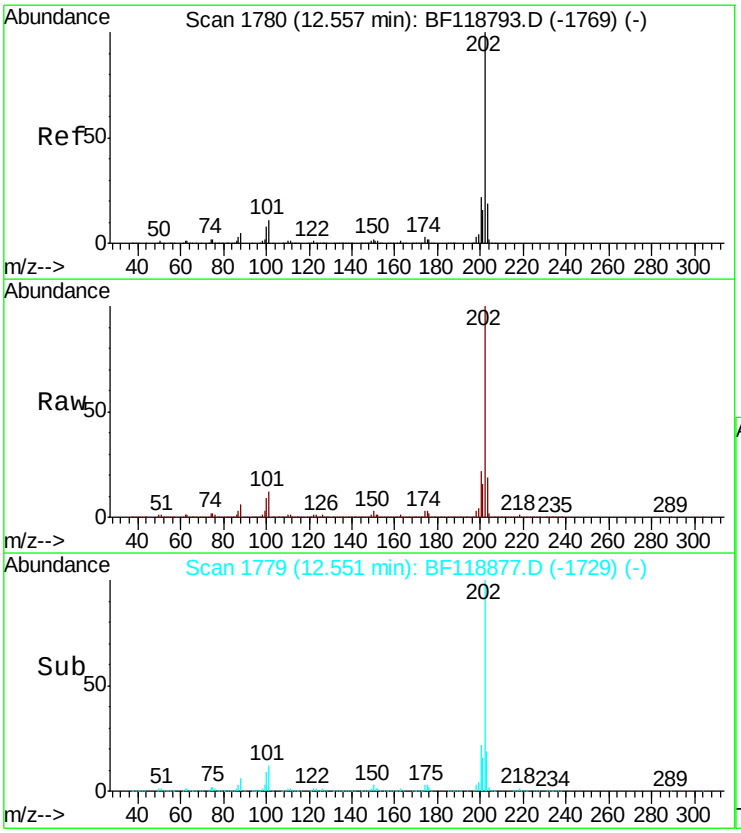
#72
Anthracene
Concen: 10.175 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Instrument :
BNA_F
ClientSampleId :
PE-6A-(DUPLICATE)

Tgt Ion:178 Resp: 447203

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.2
179	15.1	13.4	20.2

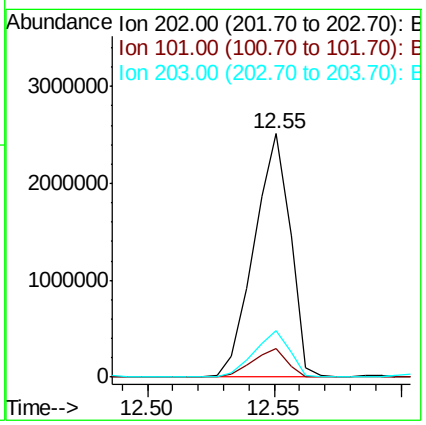


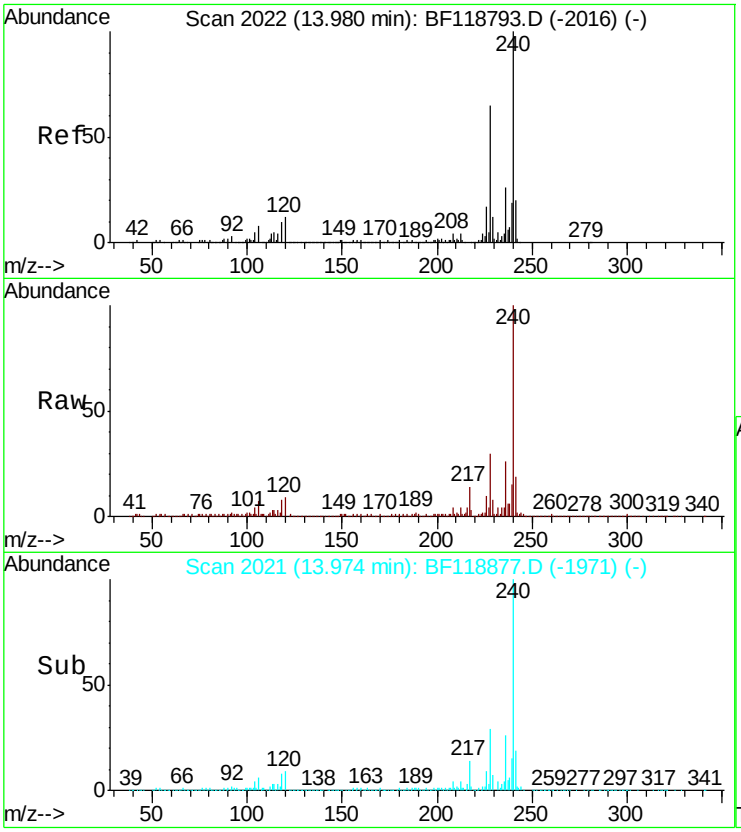


#75
Fluoranthene
Concen: 51.886 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Tgt Ion:202 Resp: 2502885

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.0
203	19.0	0.0	38.7



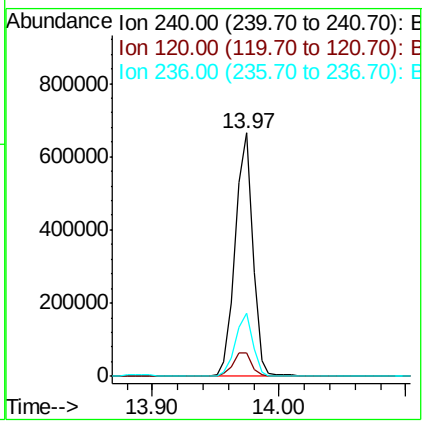


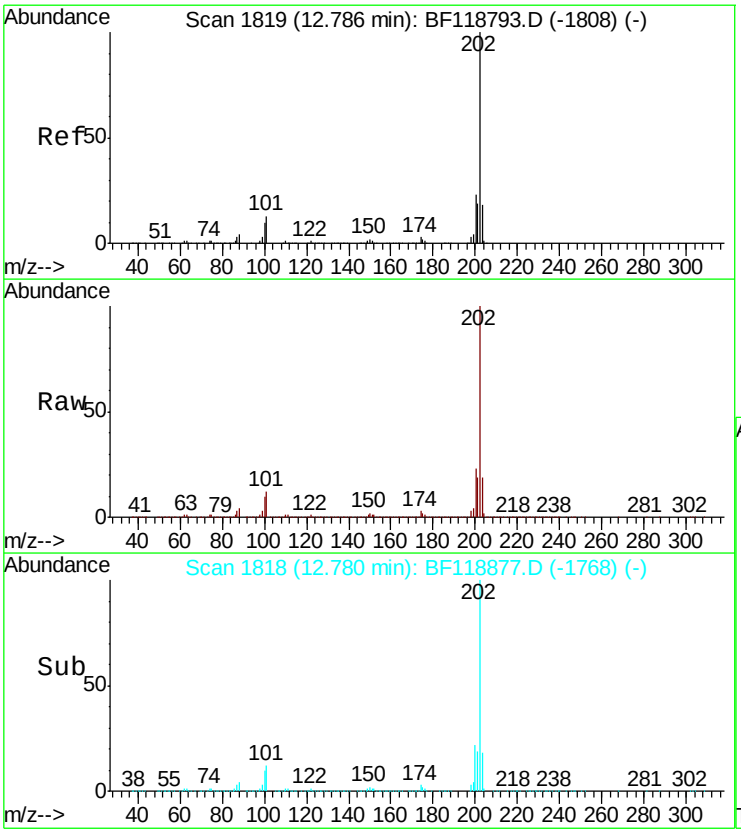
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Instrument :
BNA_F
ClientSampleId :
PE-6A-(DUPLICATE)

Tgt Ion:240 Resp: 629390

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.4	14.0
236	26.2	21.0	31.6

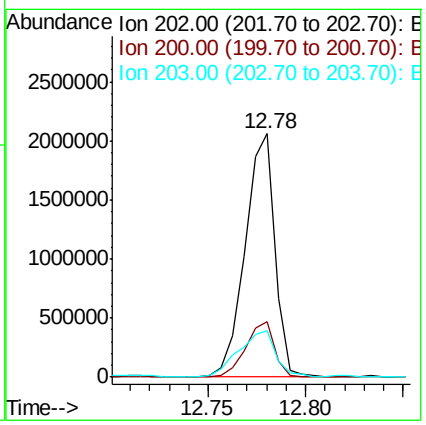


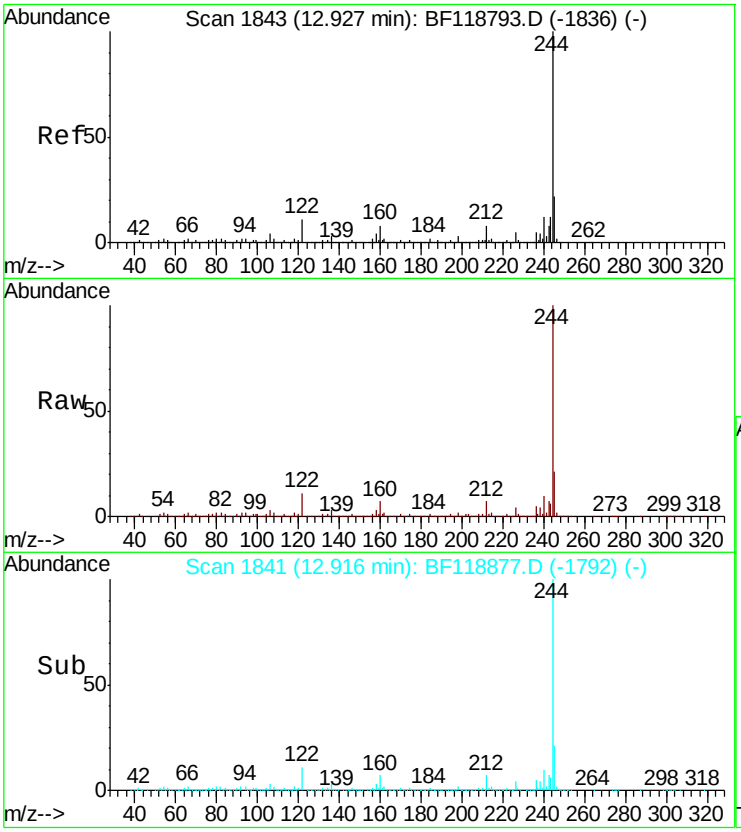


#78
Pyrene
Concen: 50.066 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Tgt Ion:202 Resp: 2161718

Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.2	27.2
203	19.0	14.8	22.2



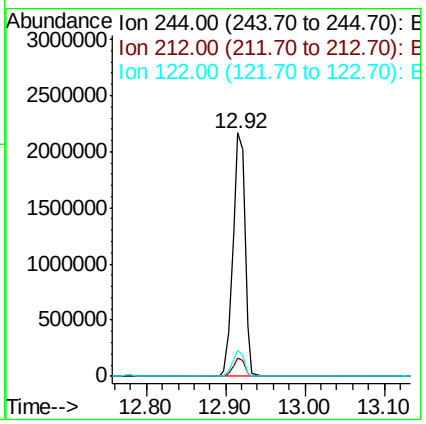


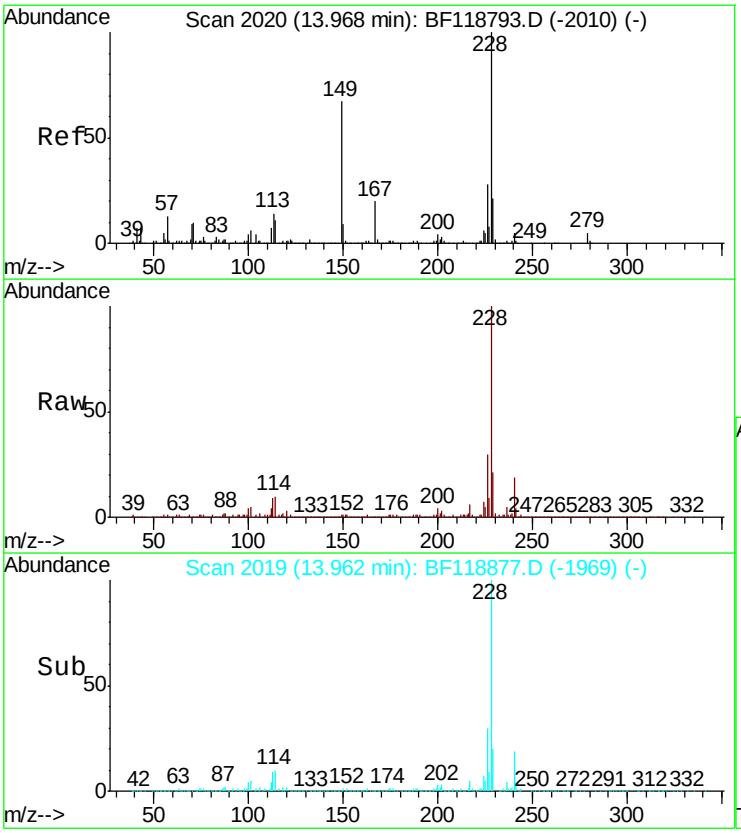
#79
Terphenyl-d14
Concen: 74.257 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Instrument :
BNA_F
ClientSampleId :
PE-6A-(DUPLICATE)

Tgt Ion:244 Resp: 2275348

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	10.6	8.9	13.3

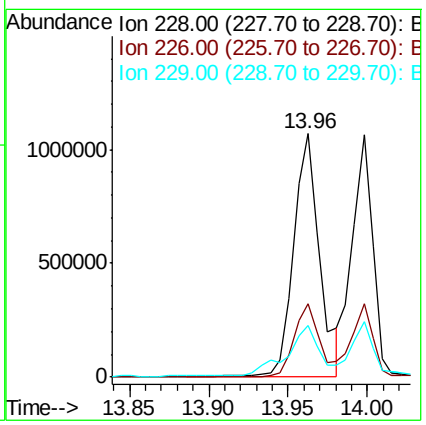


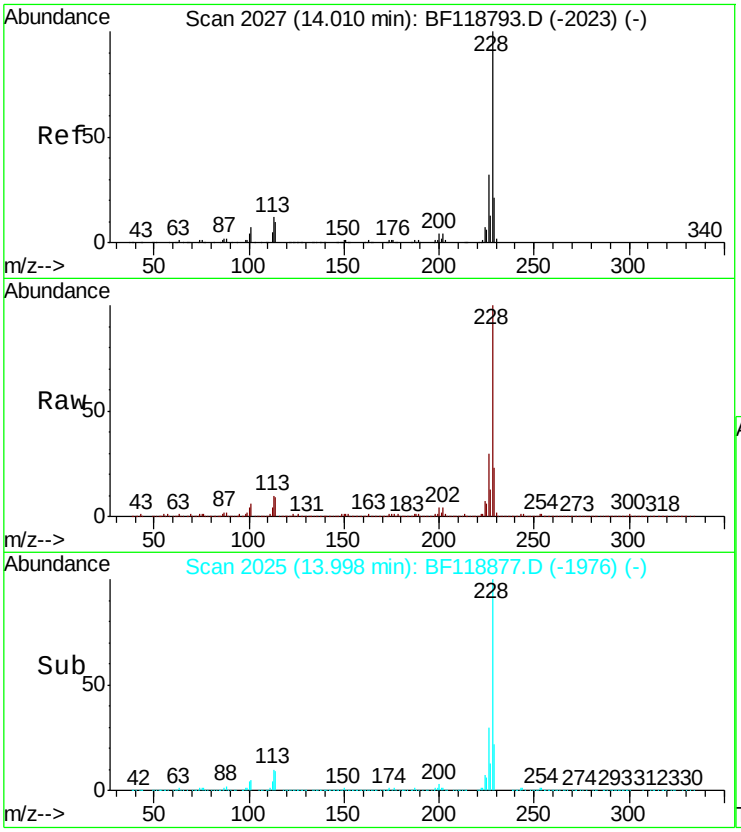


#81
Benzo(a)anthracene
Concen: 32.290 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Tgt Ion:228 Resp: 1209323

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.7	34.1
229	21.1	16.6	25.0



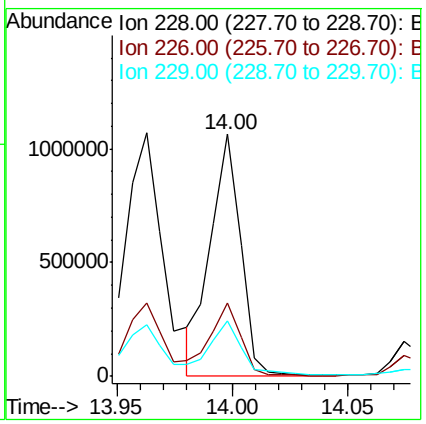


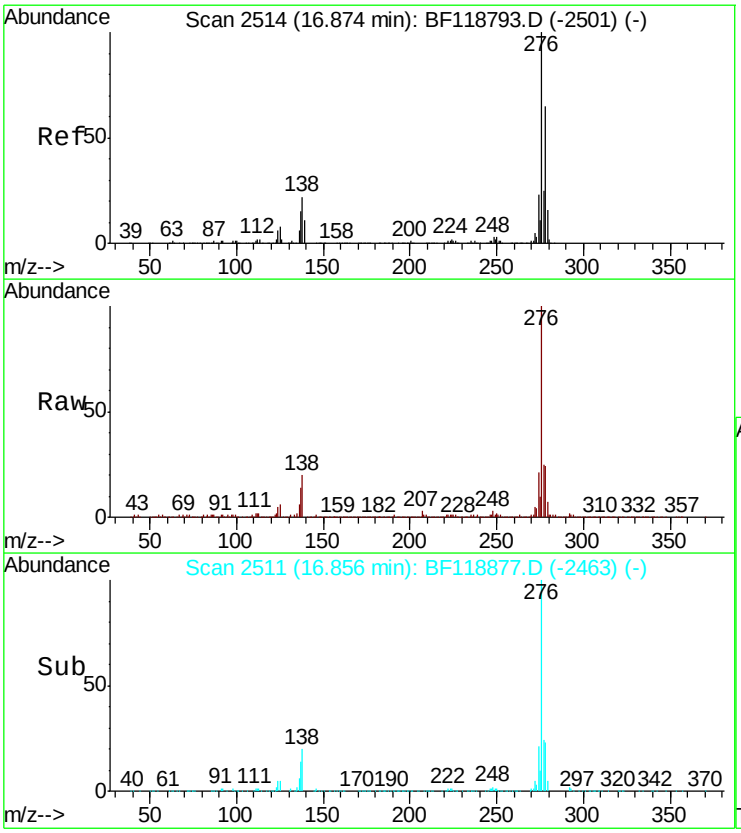
#83
Chrysene
Concen: 25.702 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Instrument :
BNA_F
ClientSampleId :
PE-6A-(DUPLICATE)

Tgt Ion:228 Resp: 966104

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.0
229	22.7	16.9	25.3

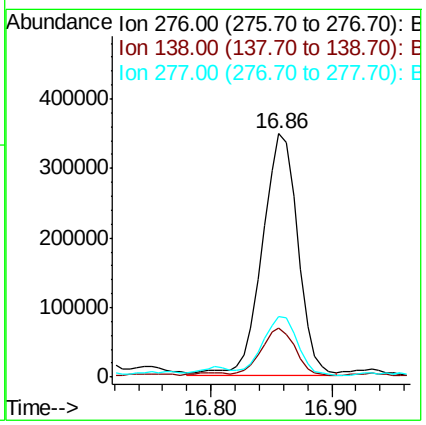


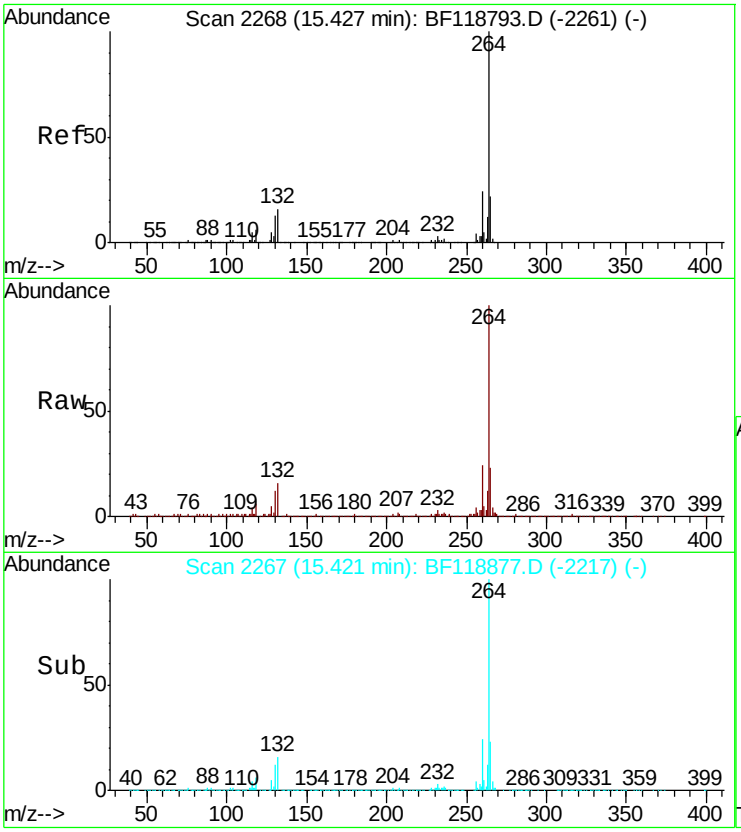


#86
Indeno(1,2,3-cd)pyrene
Concen: 18.715 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.02 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Tgt Ion:276 Resp: 706804

Ion	Ratio	Lower	Upper
276	100		
138	18.9	18.3	27.5
277	23.5	20.2	30.4



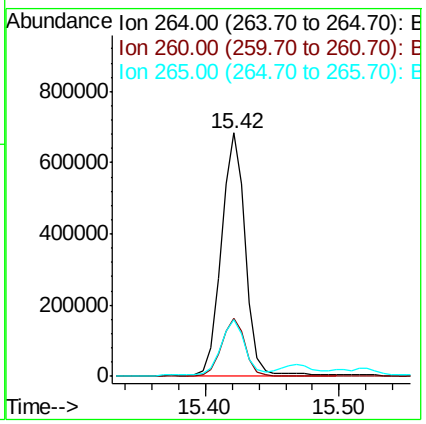


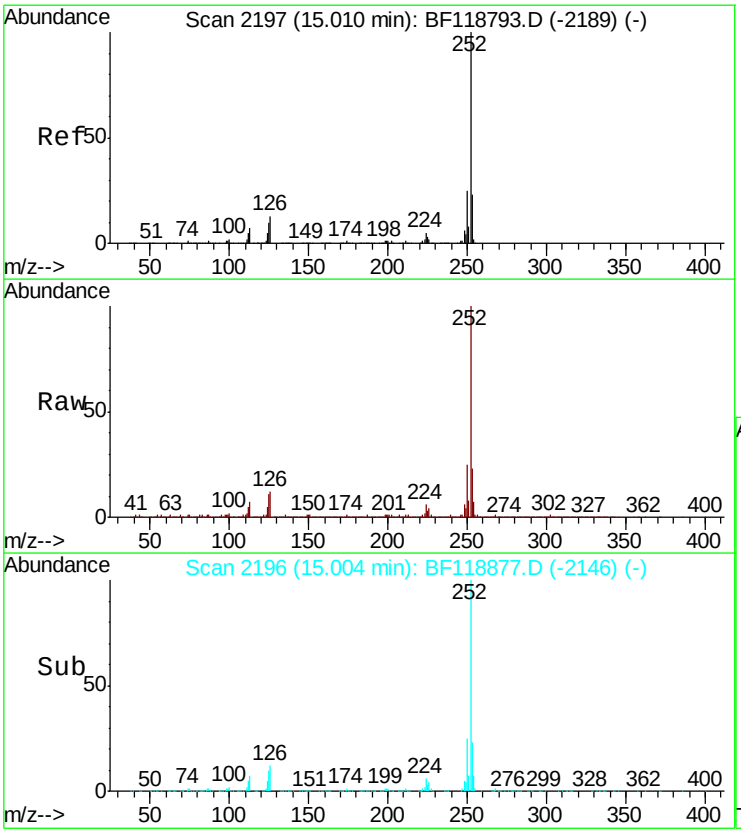
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Instrument :
BNA_F
ClientSampleId :
PE-6A-(DUPLICATE)

Tgt Ion:264 Resp: 855811

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	23.1	17.2	25.8

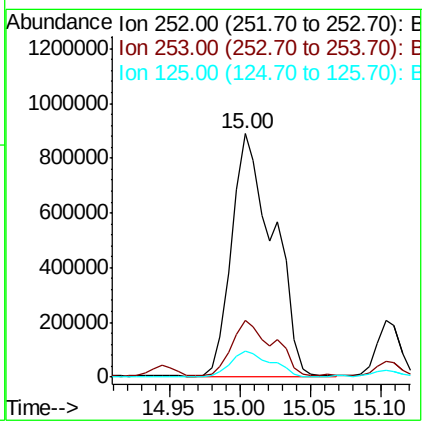


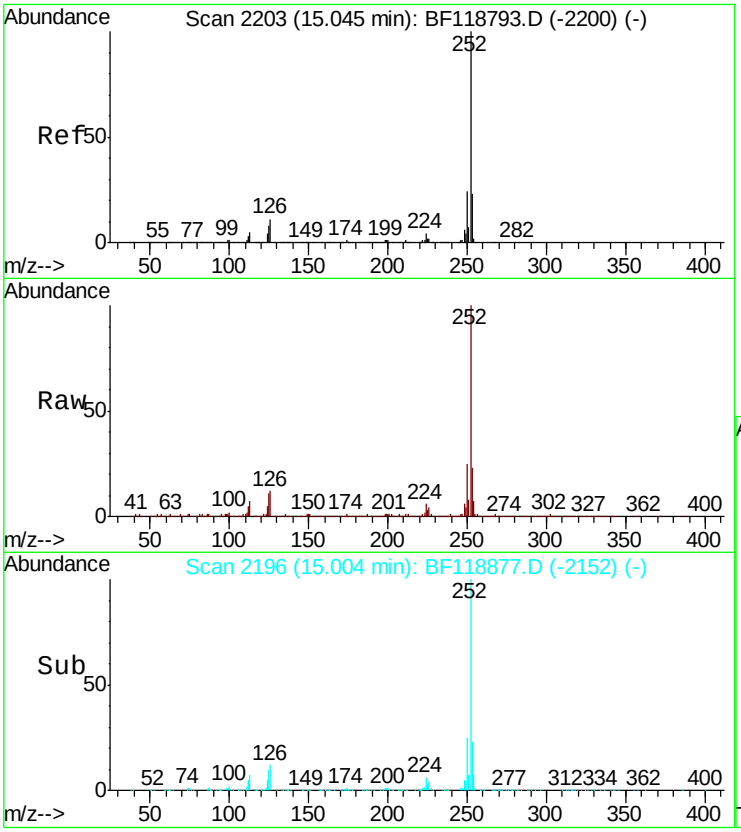


#88
Benzo(b)fluoranthene
Concen: 34.314 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Tgt Ion:252 Resp: 1822217

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	10.6	8.1	12.1



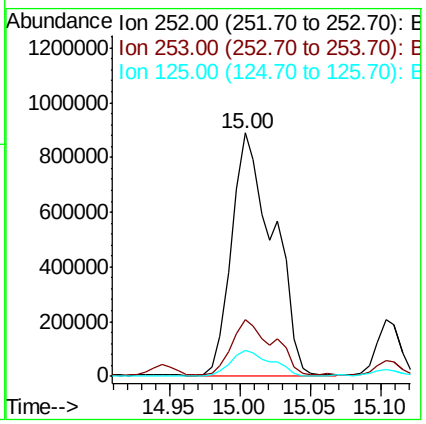


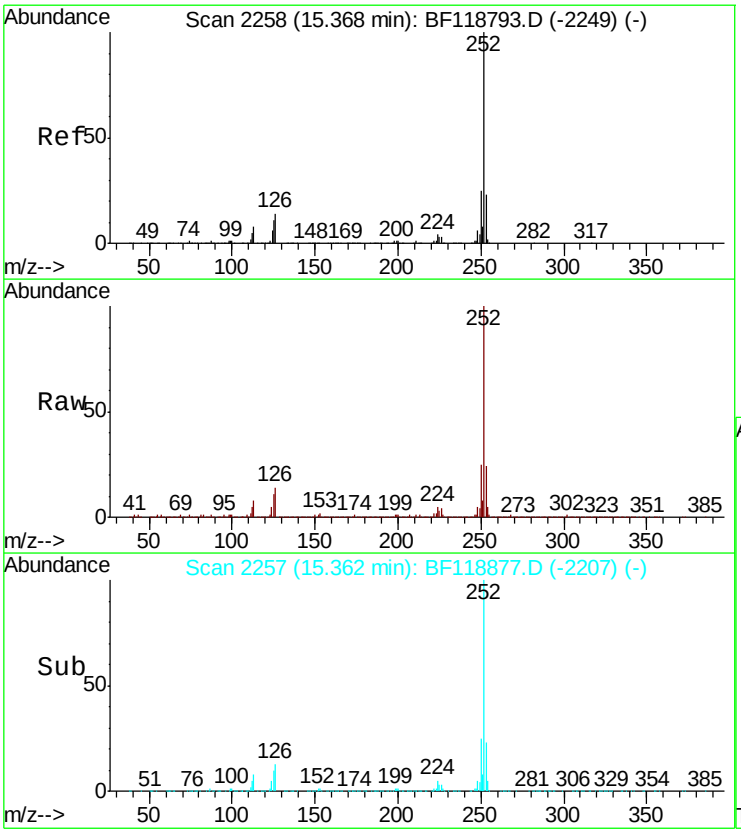
#89
Benzo(k)fluoranthene
Concen: 39.405 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Instrument :
BNA_F
ClientSampleId :
PE-6A-(DUPLICATE)

Tgt Ion:252 Resp: 1822217

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	10.6	7.0	10.6#

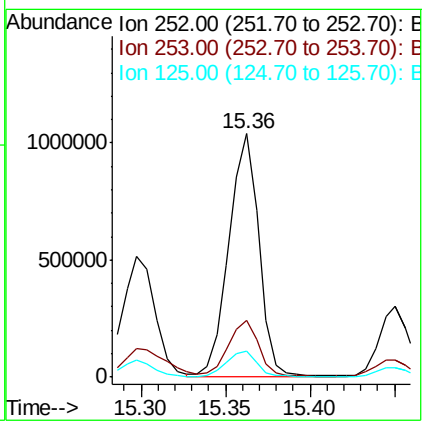


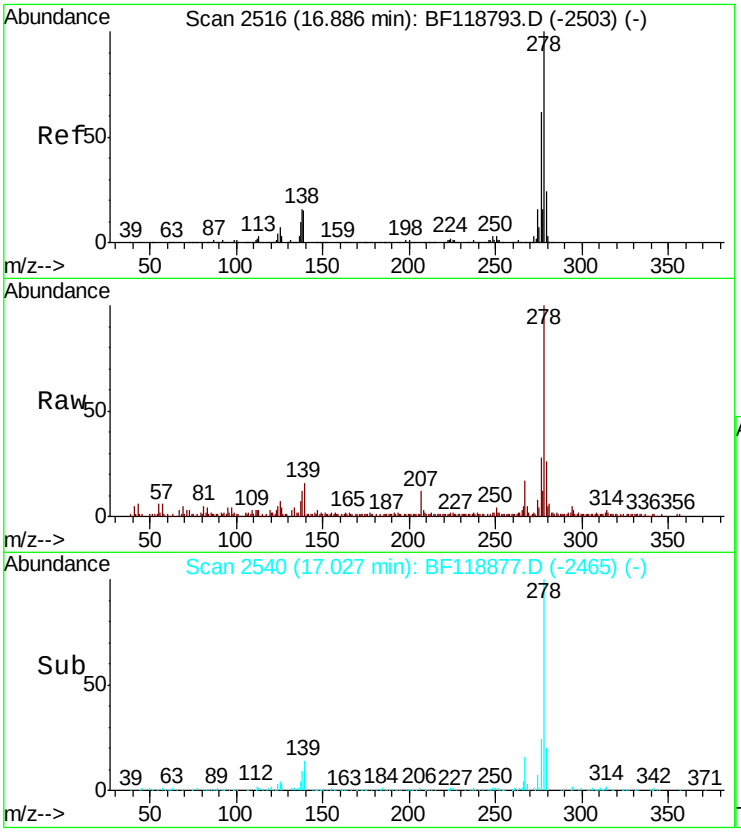


#90
Benzo(a)pyrene
Concen: 28.080 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Tgt Ion:252 Resp: 1276148

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	10.6	8.7	13.1



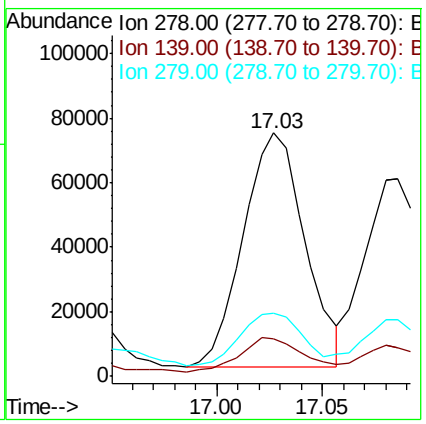


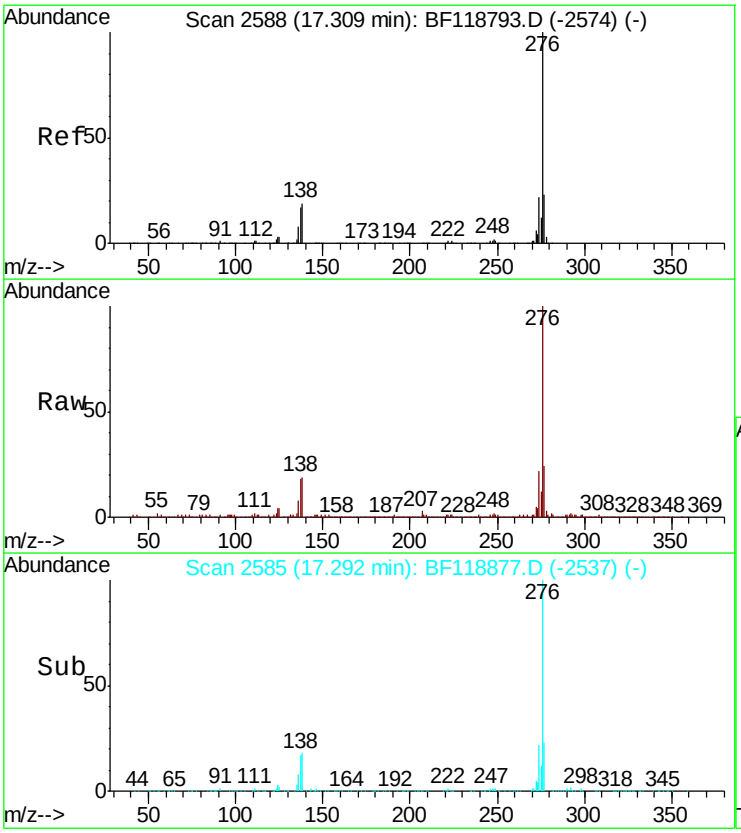
#91
Dibenzo(a,h)anthracene
Concen: 3.636 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.14 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Instrument :
BNA_F
ClientSampleId :
PE-6A-(DUPLICATE)

Tgt Ion:278 Resp: 146700

Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.3	18.5
279	25.7	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 15.888 ng
RT: 17.29 min Scan# 2585
Delta R.T. -0.02 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Tgt Ion:276 Resp: 616462

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	19.4	15.4	23.2