Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118777.D
Acq On : 31 Jan 2020 13:06
Operator : CG/JU
Sample : L1319-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 31 22:03:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	303028	20.00	ng		-0.04
21) Naphthalene-d8	8.11	136	1153631	20.00	ng		-0.04
39) Acenaphthene-d10	9.86	164	635693	20.00	ng		-0.04
64) Phenanthrene-d10	11.35	188	1129082	20.00	ng		-0.03
76) Chrysene-d12	13.99	240	582426	20.00	ng		-0.04
87) Perylene-d12	15.44	264	667703	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1630120	99.91	ng		-0.03
7) Phenol-d6	6.46	99	2042084	96.30	ng		-0.04
23) Nitrobenzene-d5	7.39	82	1357960	65.84	ng		-0.04
42) 2,4,6-Tribromophenol	10.65	330	736697	100.20	ng		-0.04
45) 2-Fluorobiphenyl	9.19	172	2551974	65.98	ng		-0.04
79) Terphenyl-d14	12.93	244	2501868	93.69	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	184666	12.896	ng	#	77
25) Isophorone	7.39	82	1337297	35.549	ng	#	63
31) Naphthalene	8.13	128	152406	2.925	ng		99
37) 2-Methylnaphthalene	8.82	142	99713	2.711	ng		98
38) 1-Methylnaphthalene	8.92	142	126518	3.620	ng		98
50) Dimethylphthalate	9.57	163	123279	2.977	ng		100
51) 2,6-Dinitrotoluene	9.86	165	93207	10.050	ng	#	29
52) Acenaphthene	9.90	154	285092	8.207	ng		99
55) Dibenzofuran	10.07	168	226549	4.706	ng		93
58) Fluorene	10.41	166	333413	8.822	ng		98
67) 4-Bromophenyl-phenylether	10.65	248	48746	3.494	ng	#	1
71) Phenanthrene	11.38	178	3824895	70.218	ng		97
72) Anthracene	11.43	178	897122	16.644	ng		98
73) Carbazole	11.57	167	240131	4.857	ng		98
75) Fluoranthene	12.57	202	3445795	59.977	ng		99
78) Pyrene	12.80	202	3327949	84.163	ng		98
81) Benzo(a)anthracene	13.98	228	1325006	37.818	ng		99
83) Chrysene	14.02	228	1328632	39.568	ng		98
86) Indeno(1,2,3-cd)pyrene	16.89	276	759945	26.047	ng		96
88) Benzo(b)fluoranthene	15.02	252	1800215	42.893	ng		99
89) Benzo(k)fluoranthene	15.02	252	1800215	46.298	ng		100
90) Benzo(a)pyrene	15.38	252	1051610	29.046	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	204737	6.393	ng		96
92) Benzo(g,h,i)perylene	17.33	276	729887	23.473	ng		99

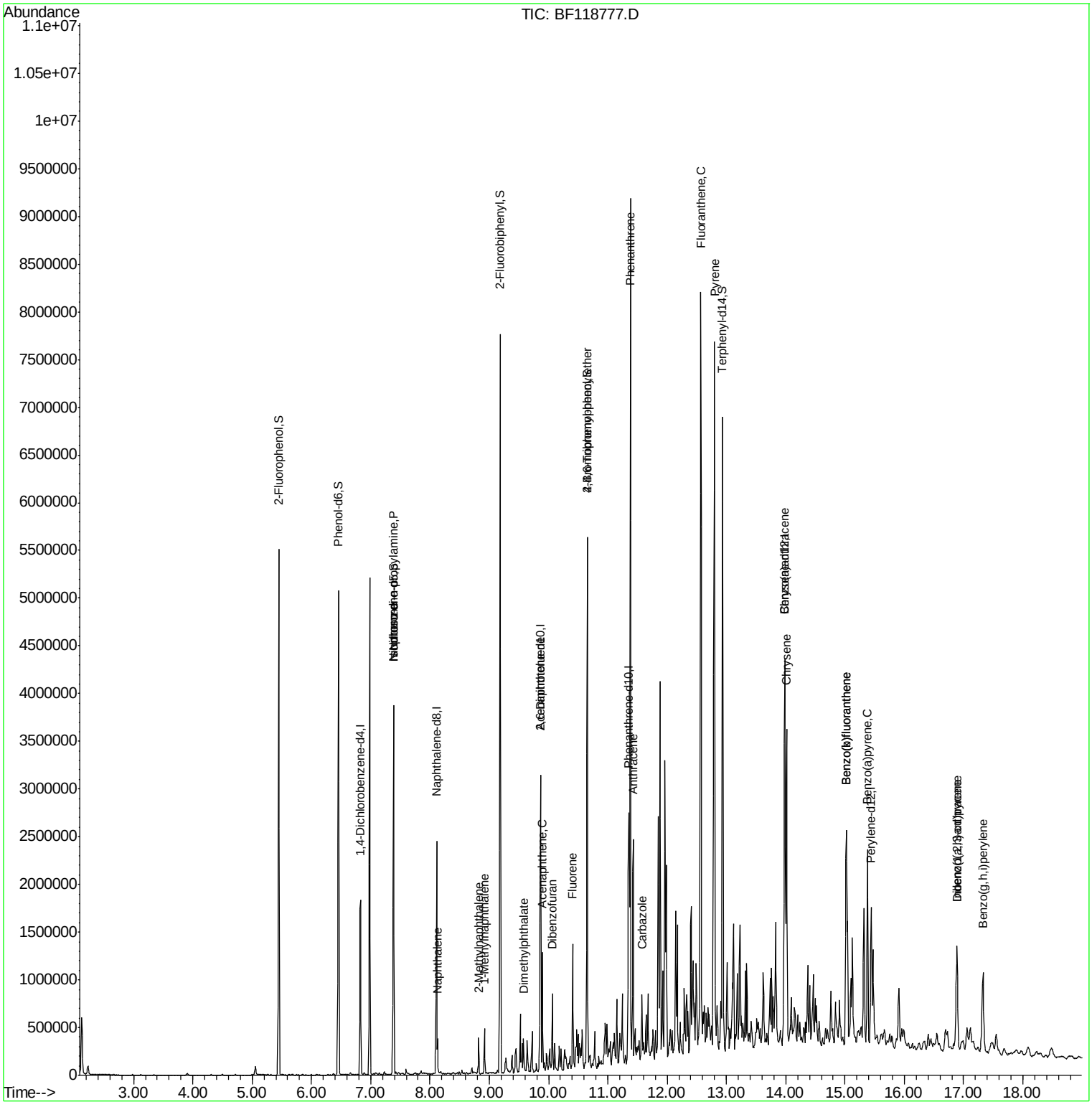
(#) = qualifier out of range (m) = manual integration (+) = signals summed

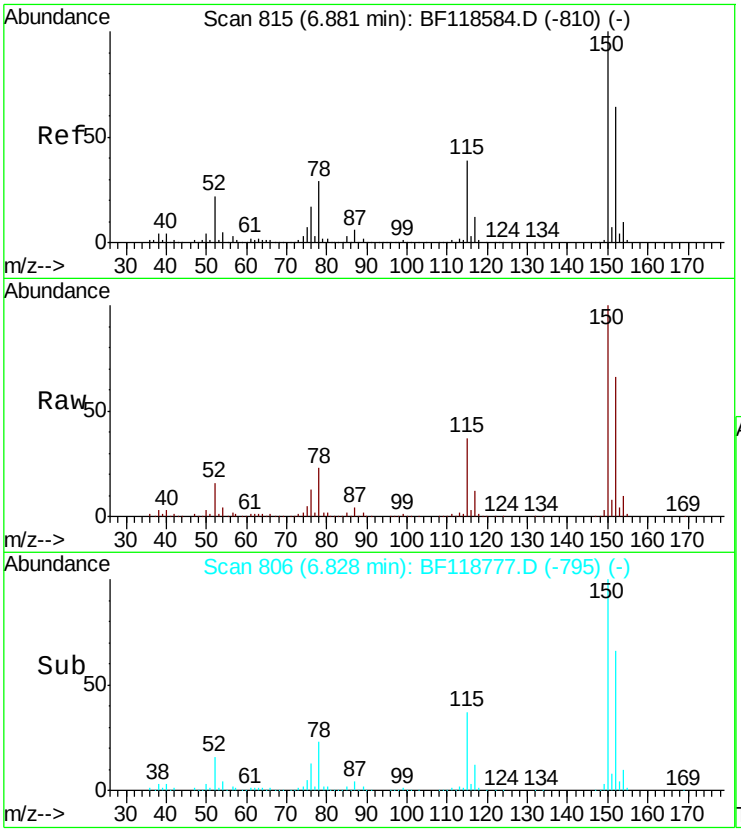
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118777.D
Acq On : 31 Jan 2020 13:06
Operator : CG/JU
Sample : L1319-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 31 22:03:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration



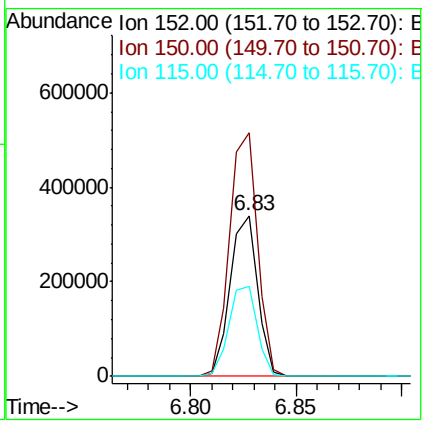


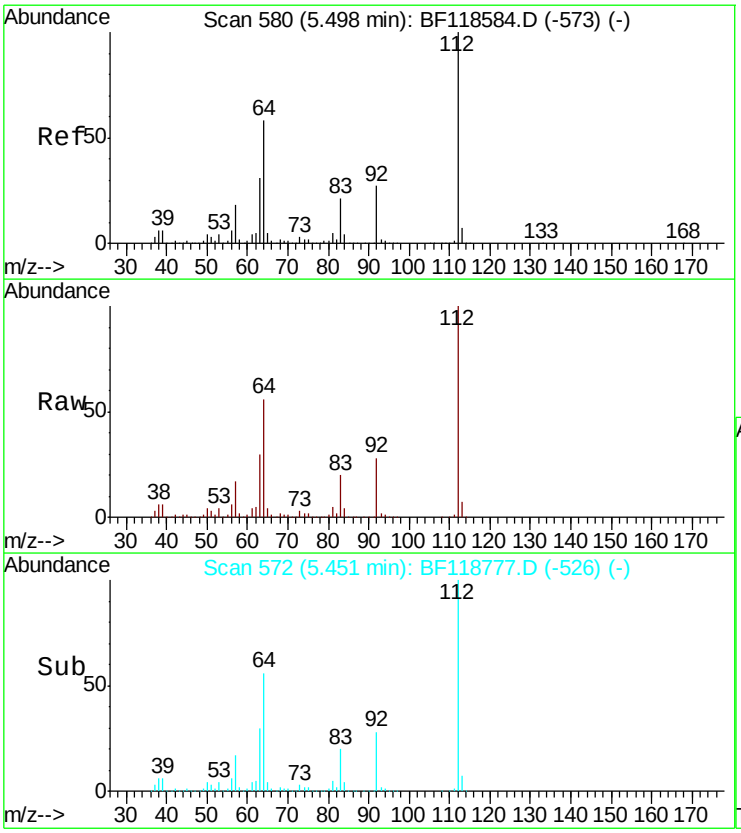
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.04 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 303028

Ion	Ratio	Lower	Upper
152	100		
150	151.6	123.7	185.5
115	55.9	45.1	67.7

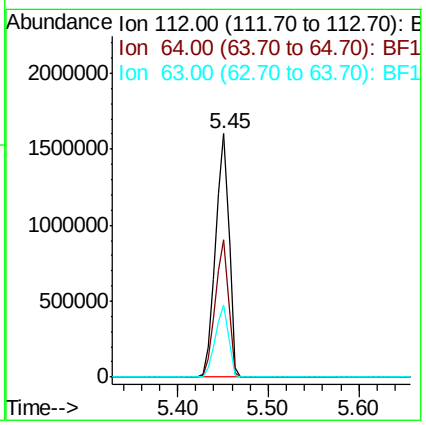


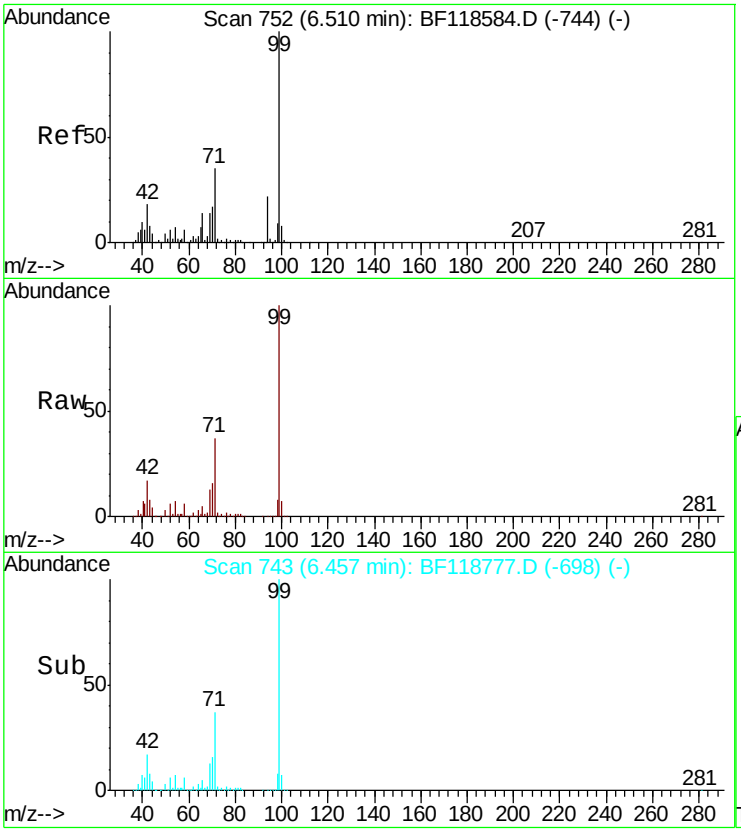


#5
2-Fluorophenol
Concen: 99.910 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Tgt Ion:112 Resp: 1630120

Ion	Ratio	Lower	Upper
112	100		
64	56.3	42.4	63.6
63	29.7	21.7	32.5



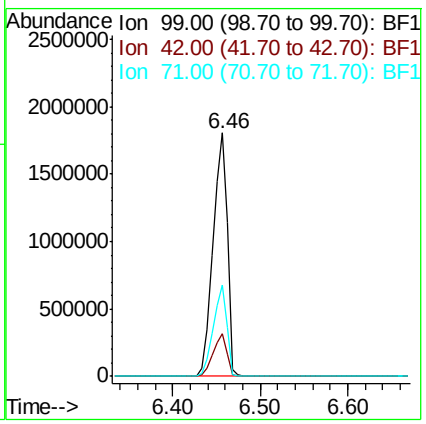


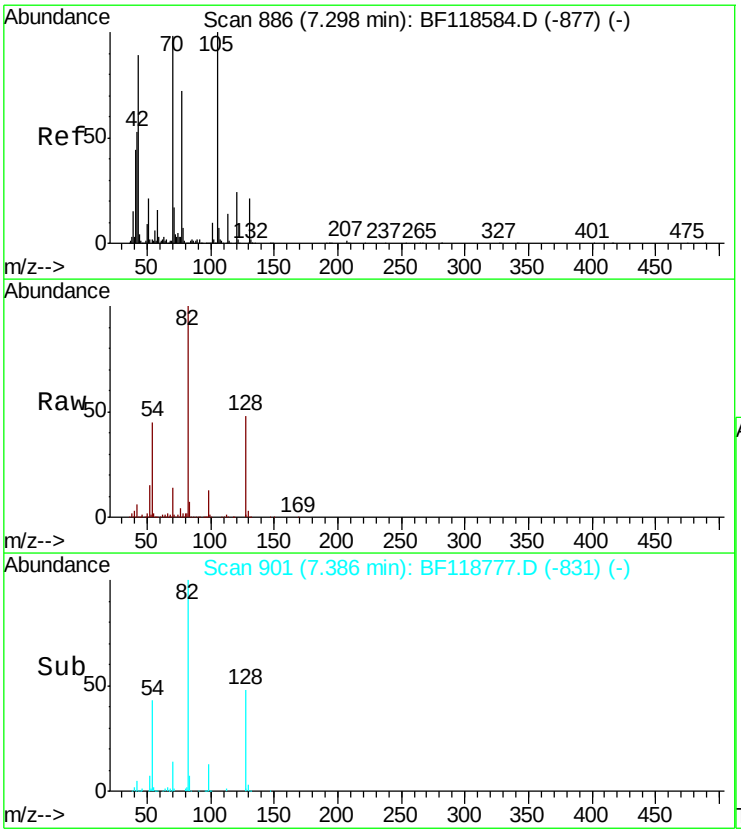
#7
Phenol-d6
Concen: 96.295 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.04 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2042084

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.1	19.7
71	37.4	28.4	42.6

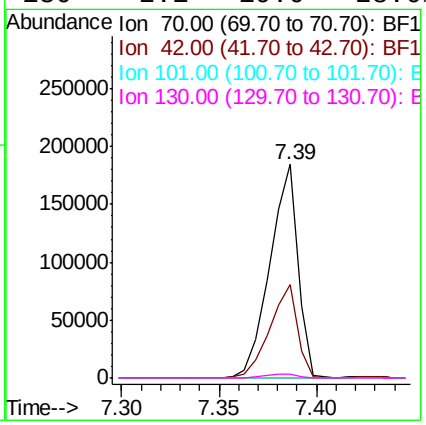


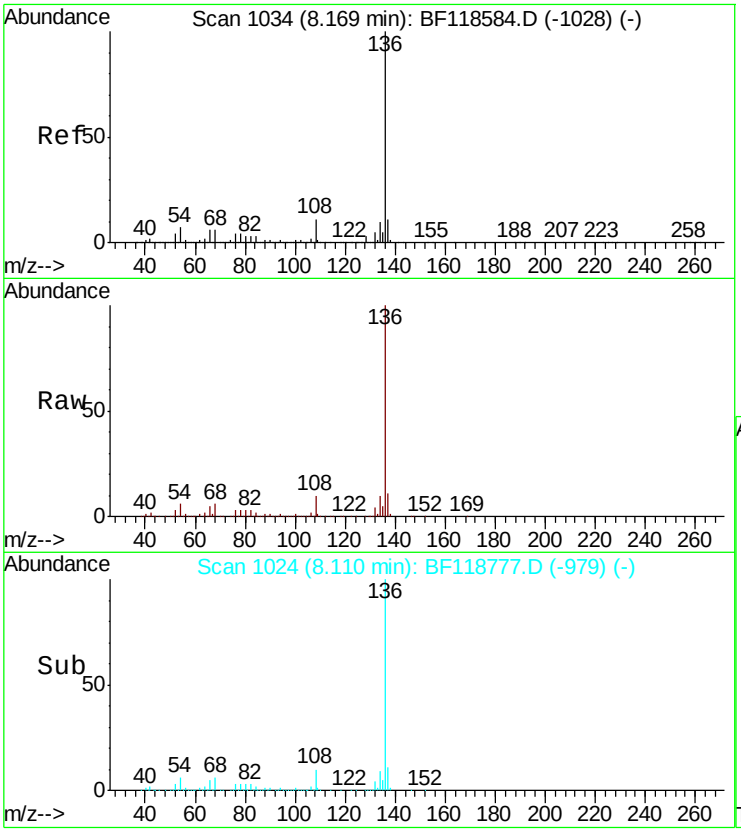


#19
n-Nitroso-di-n-propylamine
Concen: 12.896 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.11 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Tgt Ion: 70 Resp: 184666

Ion	Ratio	Lower	Upper
70	100		
42	43.6	41.6	62.4
101	0.0	7.9	11.9#
130	2.1	19.0	28.6#



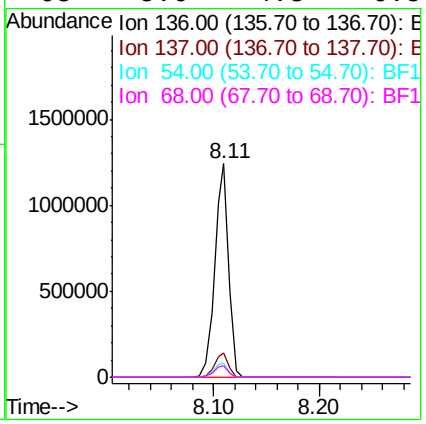


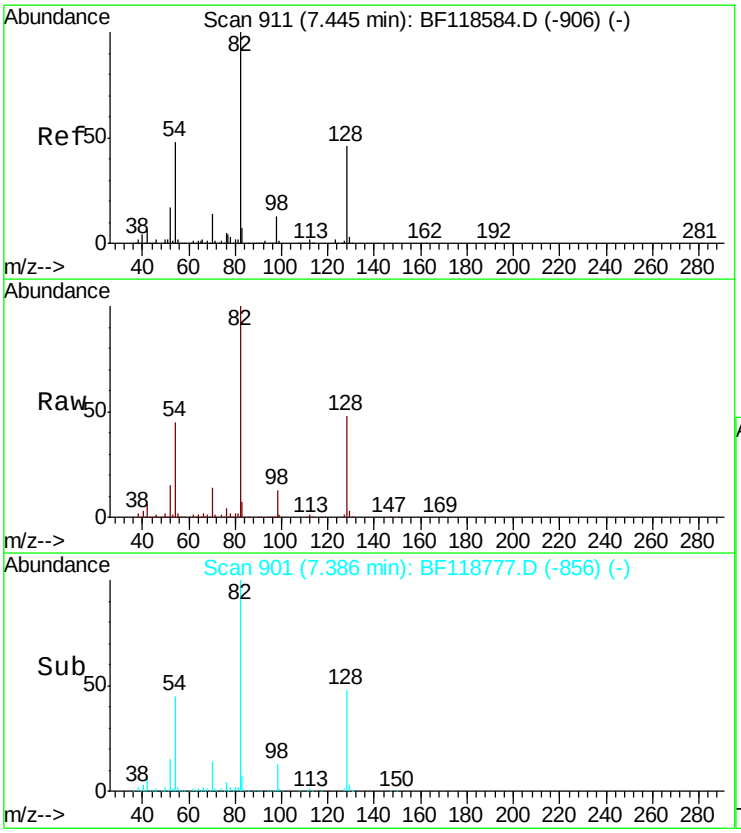
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1153631

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.4	5.1	7.7
68	5.6	4.3	6.5

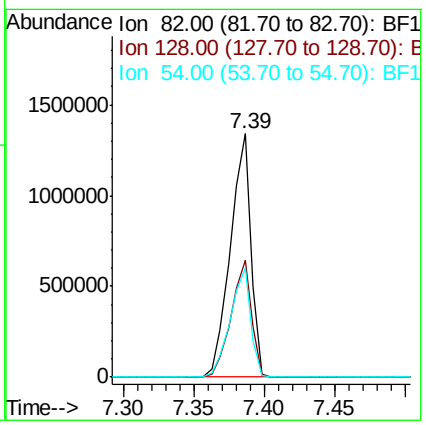


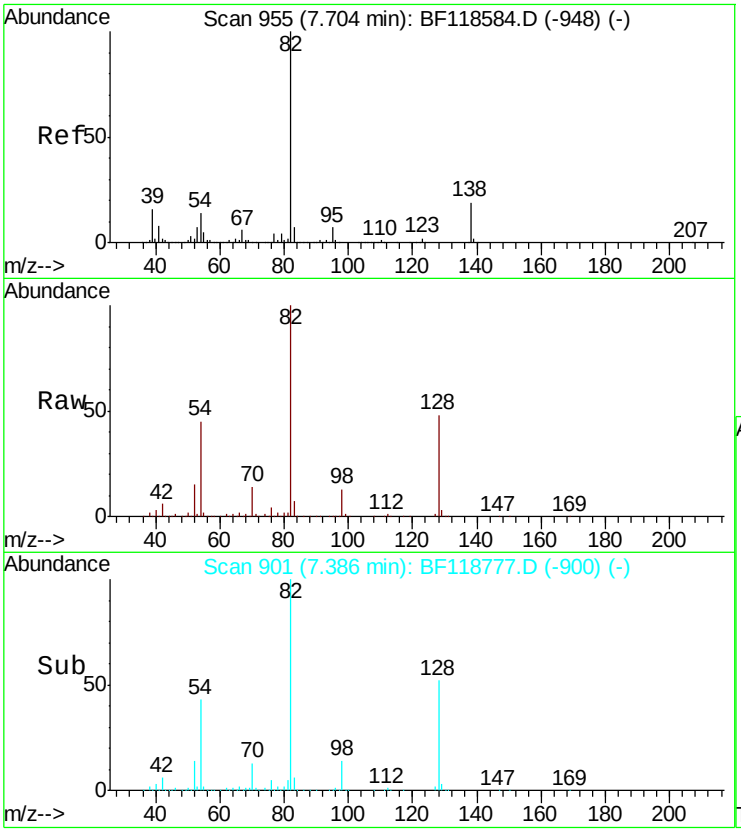


#23
Nitrobenzene-d5
Concen: 65.841 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.04 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Tgt Ion: 82 Resp: 1357960

Ion	Ratio	Lower	Upper
82	100		
128	47.8	38.2	57.2
54	44.9	36.1	54.1



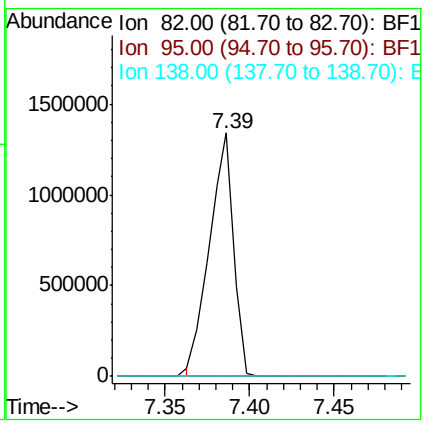


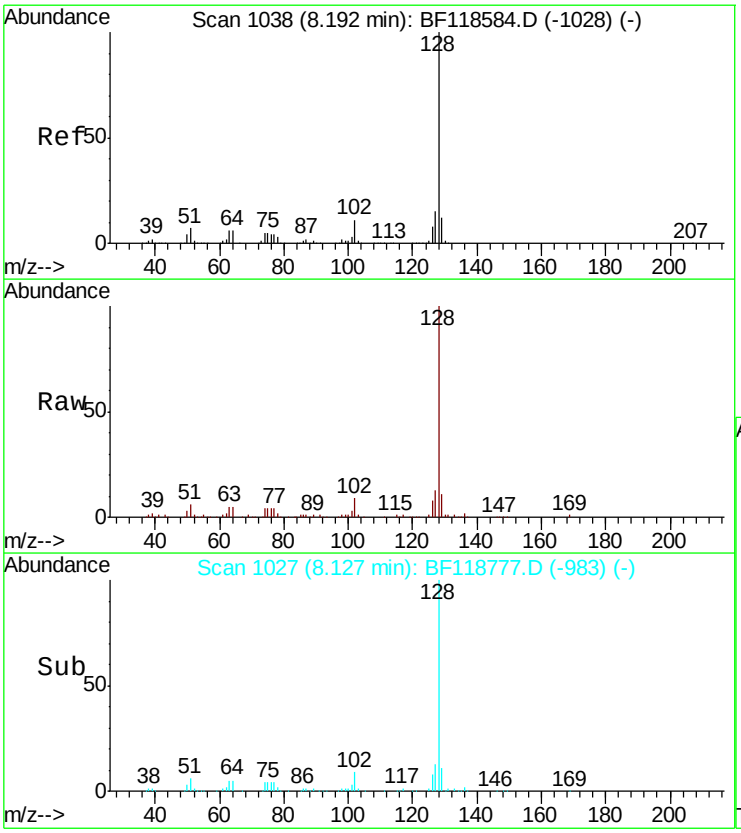
#25
Isophorone
Concen: 35.549 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.29 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1337297

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	15.8	23.8#

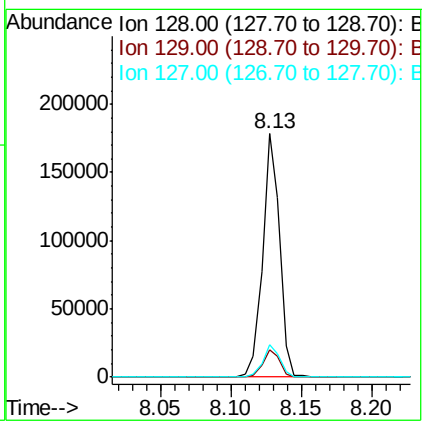


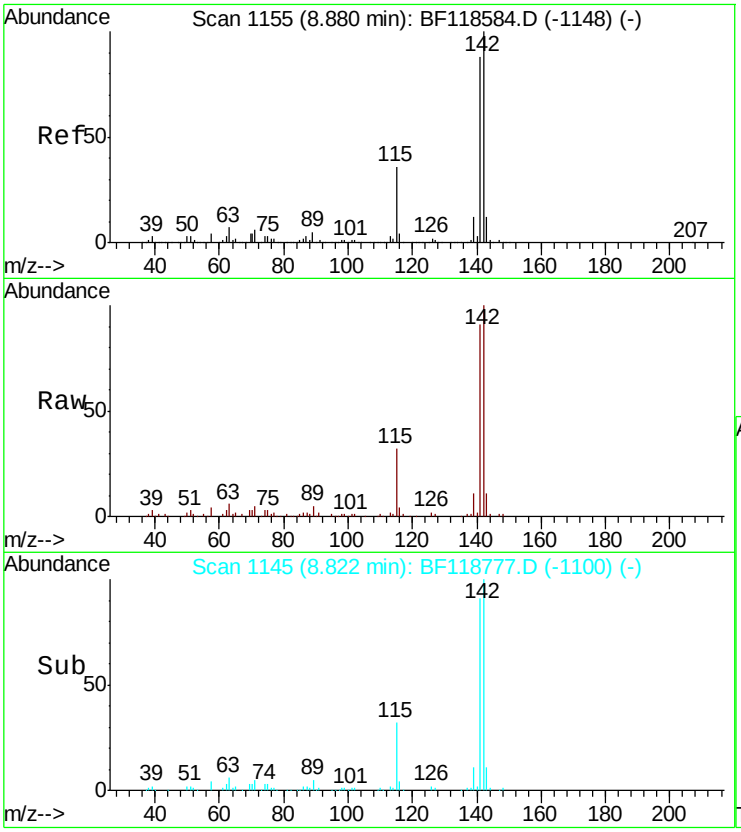


#31
Naphthalene
Concen: 2.925 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.04 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Tgt Ion:128 Resp: 152406

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.0
127	13.4	11.3	16.9



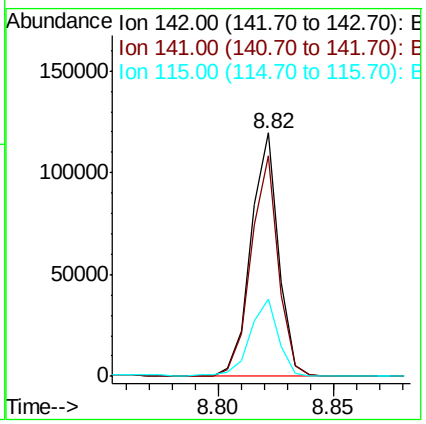


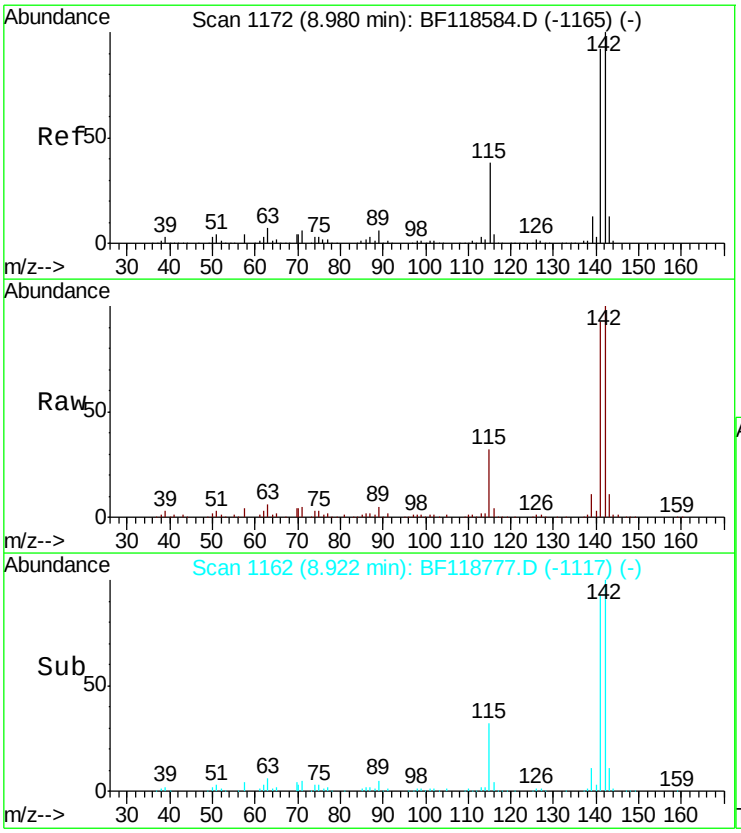
#37
2-Methylnaphthalene
Concen: 2.711 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.04 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 99713

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.4	107.0
115	31.8	27.5	41.3

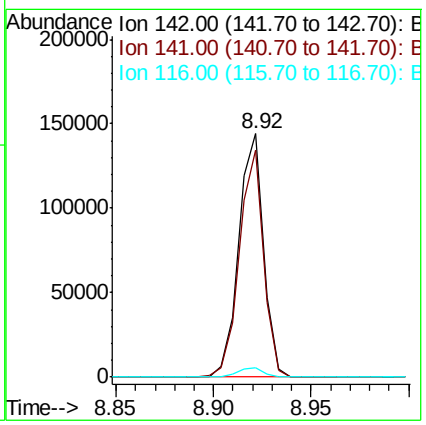


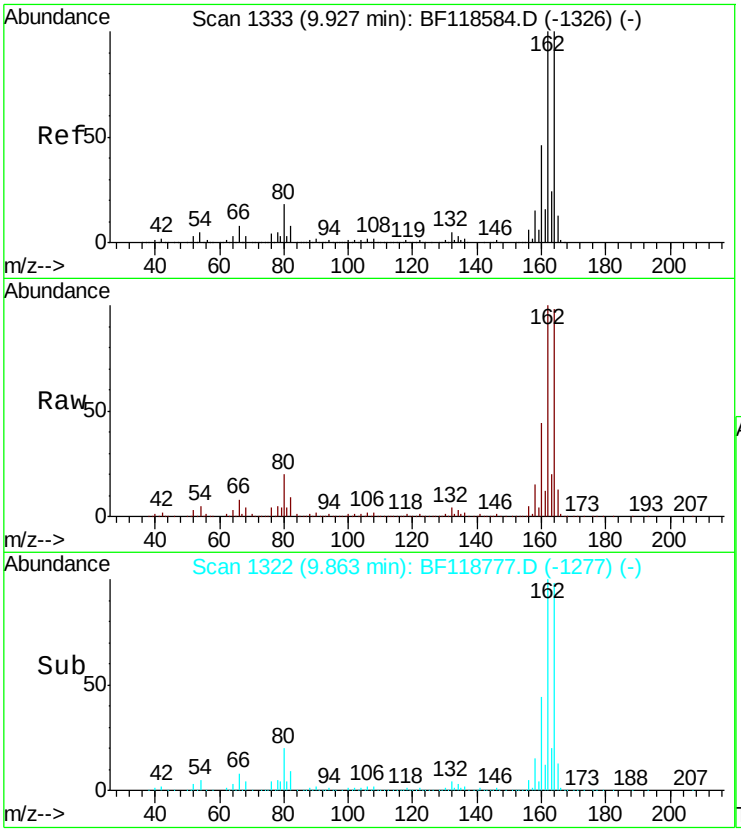


#38
1-Methylnaphthalene
Concen: 3.620 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.04 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Tgt Ion:142 Resp: 126518

Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.5	110.3
116	4.0	3.0	4.6



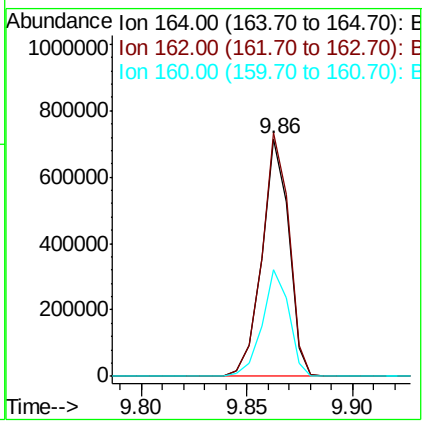


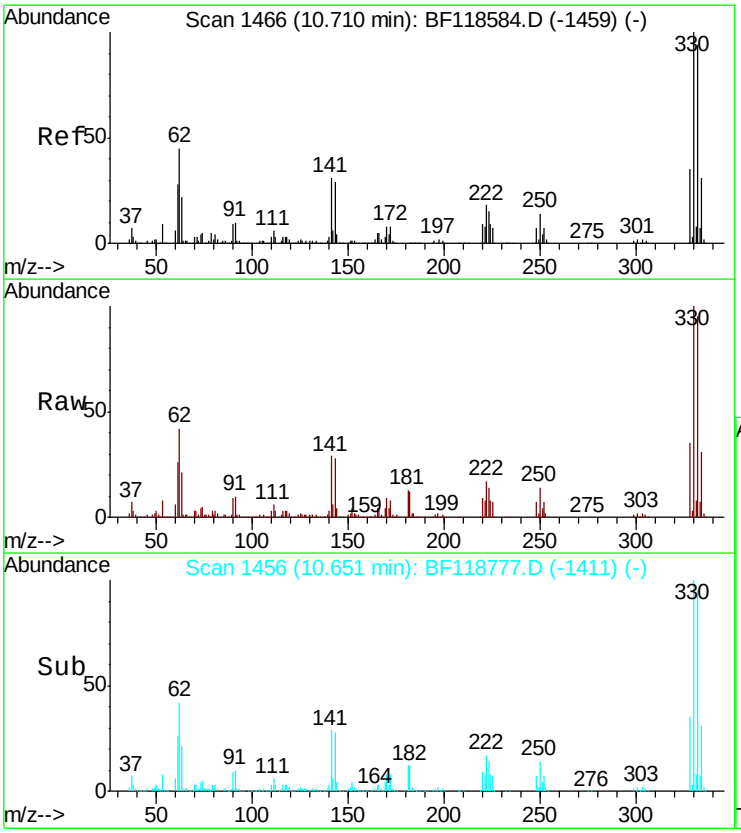
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.04 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 635693

Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.8	121.2
160	45.1	35.4	53.0

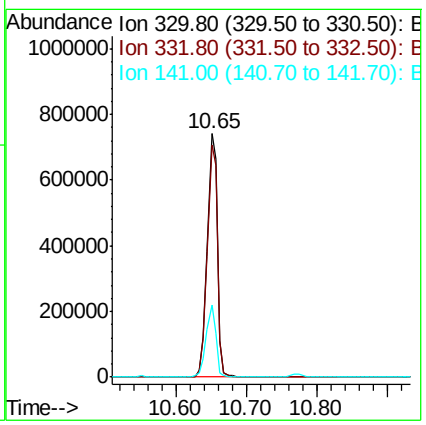


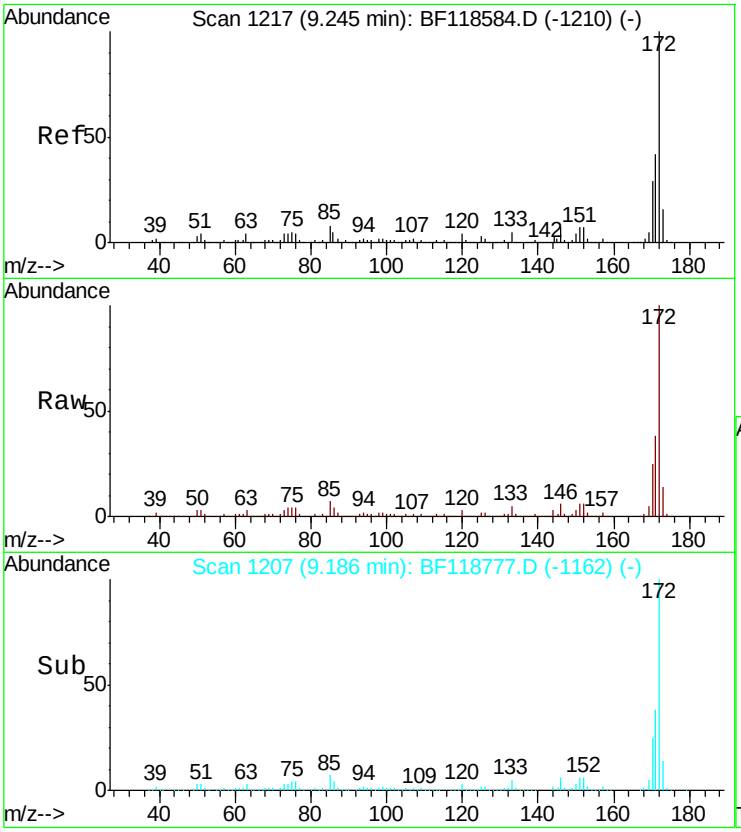


#42
2,4,6-Tribromophenol
Concen: 100.195 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.04 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Tgt Ion:330 Resp: 736697

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.6	116.4
141	28.1	22.2	33.2



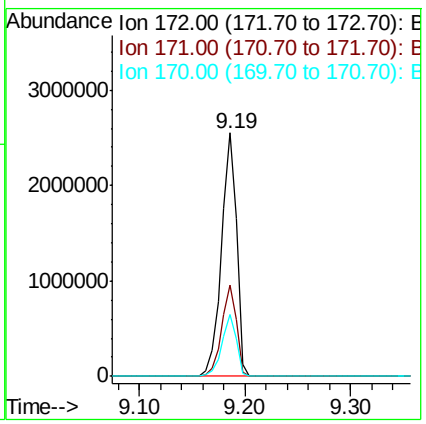


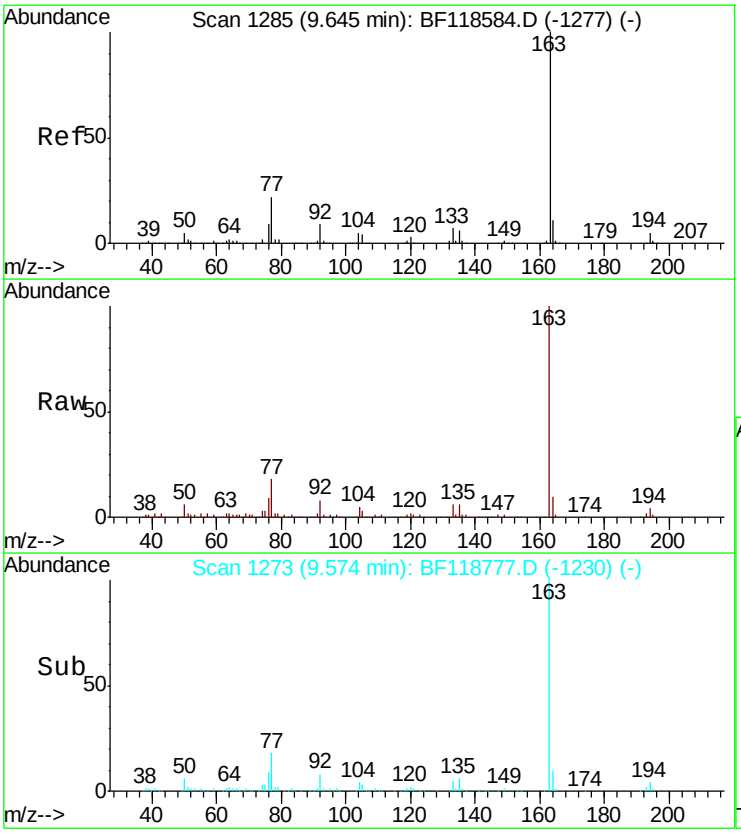
#45
2-Fluorobiphenyl
Concen: 65.983 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.04 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2551974

Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	25.2	20.7	31.1

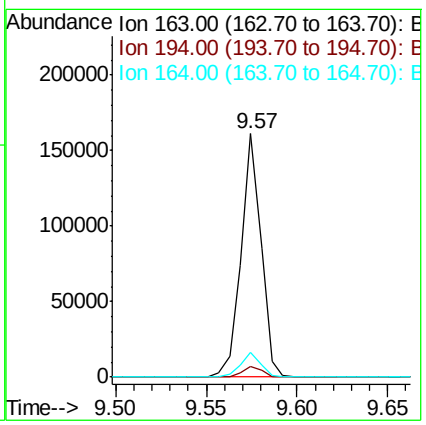


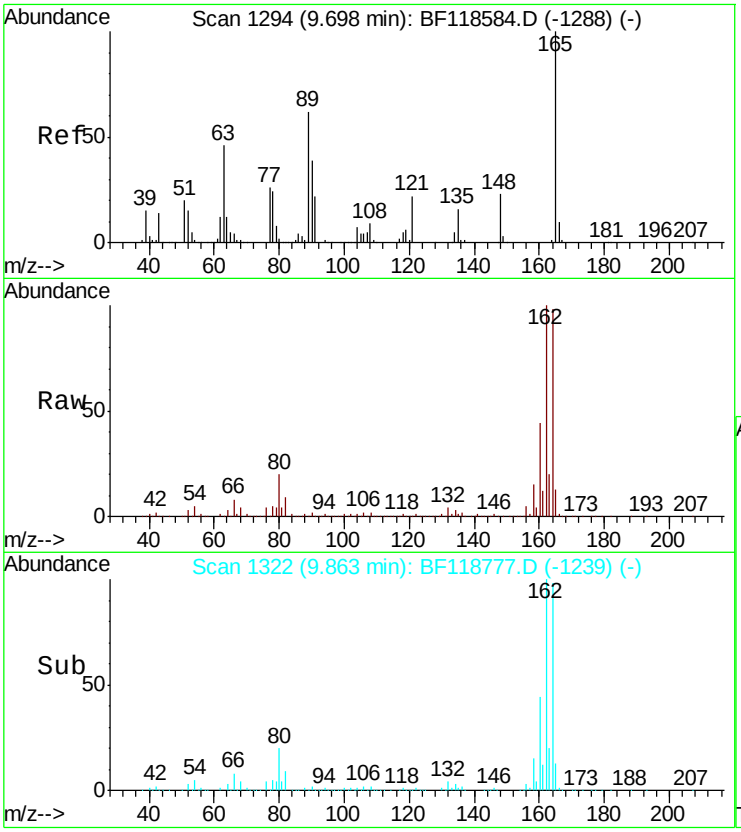


#50
Dimethylphthalate
Concen: 2.977 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.05 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Tgt Ion:163 Resp: 123279

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	10.2	8.2	12.2



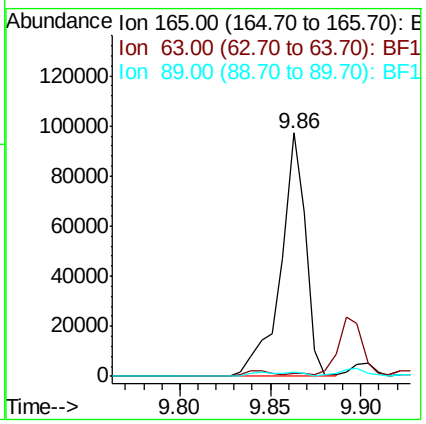


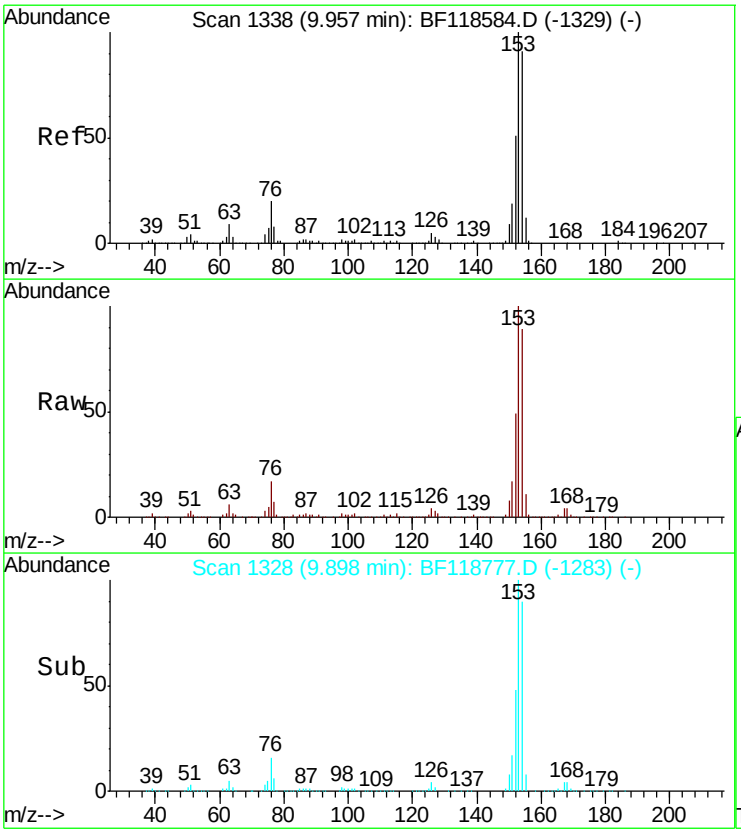
#51
2,6-Dinitrotoluene
Concen: 10.050 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.19 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 93207

Ion	Ratio	Lower	Upper
165	100		
63	1.3	39.8	59.6#
89	1.5	41.4	62.2#

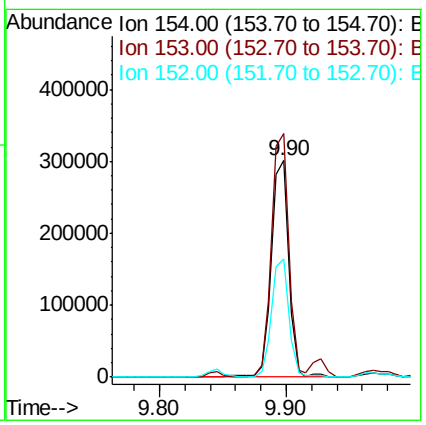


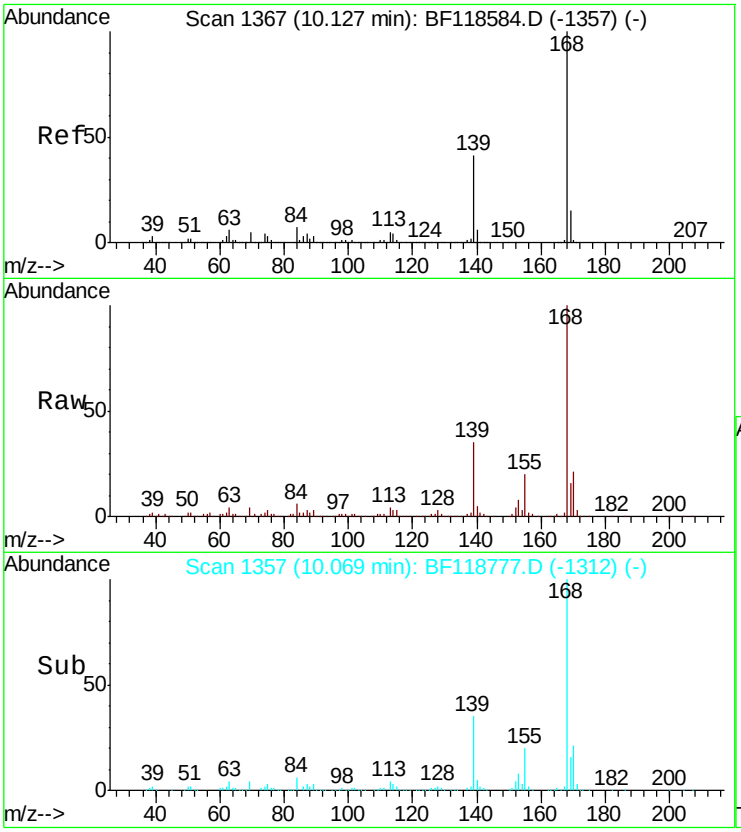


#52
Acenaphthene
Concen: 8.207 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Tgt Ion:154 Resp: 285092

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.1	133.7
152	54.6	43.0	64.6



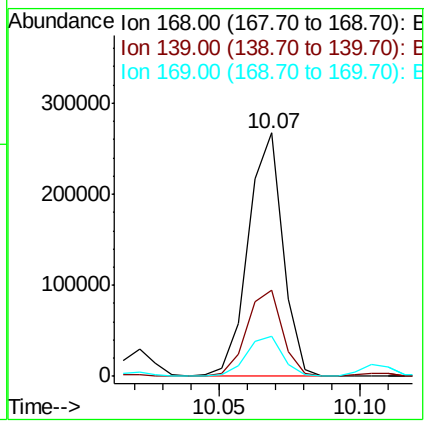


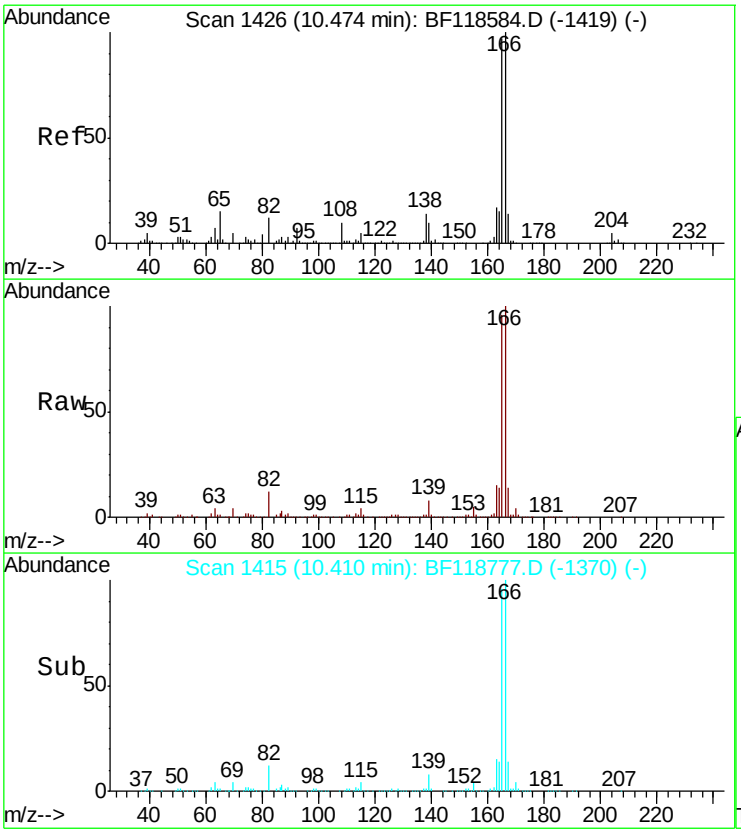
#55
Dibenzofuran
Concen: 4.706 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.04 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 226549

Ion	Ratio	Lower	Upper
168	100		
139	35.2	31.6	47.4
169	16.4	11.4	17.0

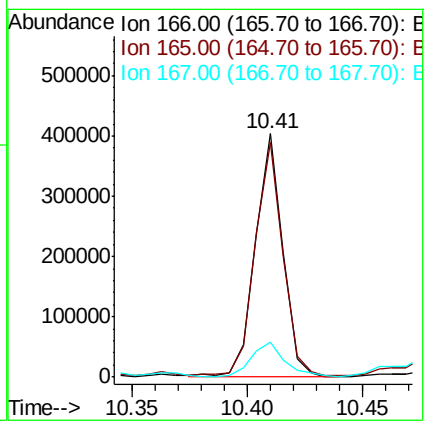


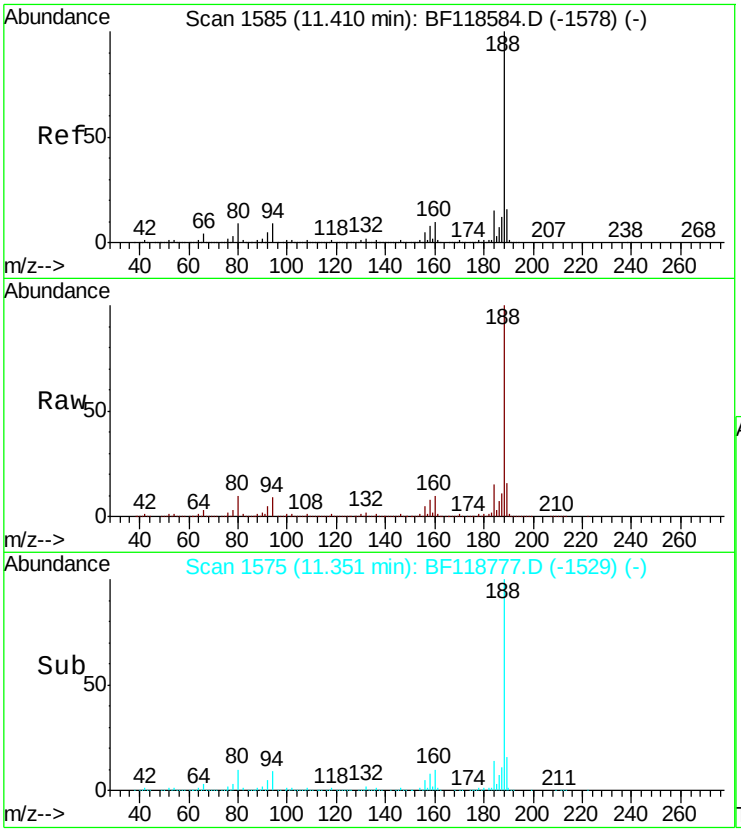


#58
Fluorene
Concen: 8.822 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.04 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Tgt Ion:166 Resp: 333413

Ion	Ratio	Lower	Upper
166	100		
165	96.3	78.6	118.0
167	14.2	11.4	17.2



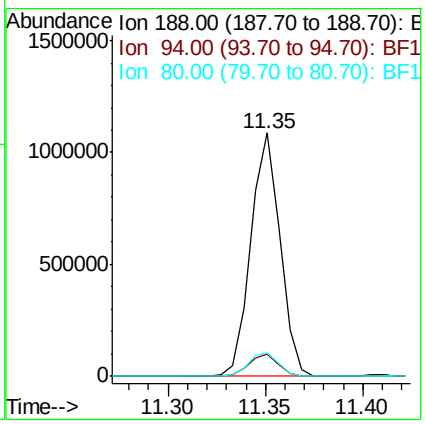


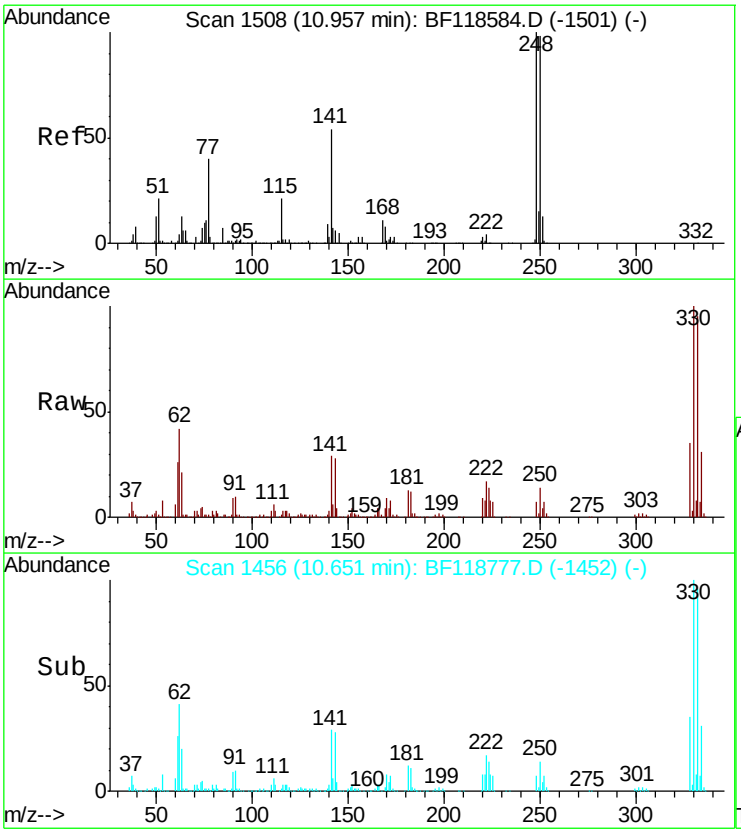
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.03 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 1129082

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	9.9	7.8	11.8

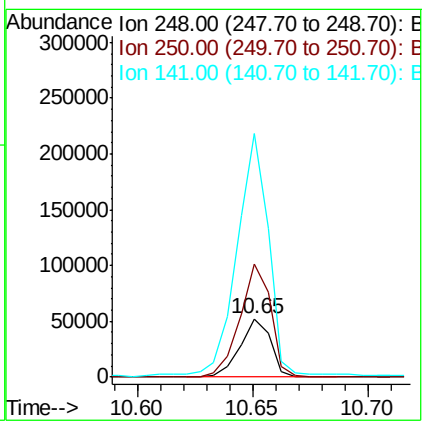


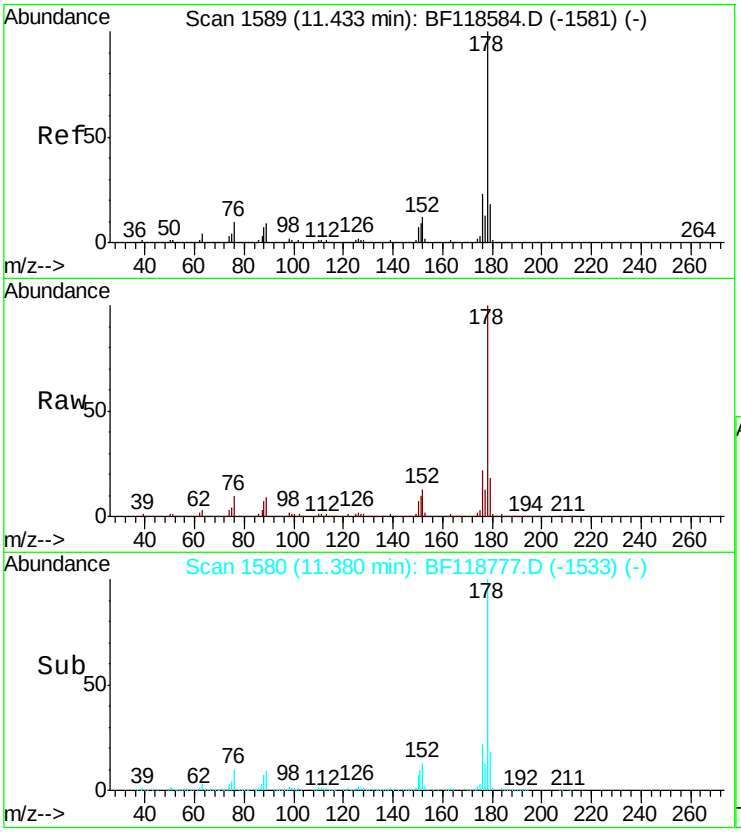


#67
4-Bromophenyl-phenylether
Concen: 3.494 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.28 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Tgt Ion:248 Resp: 48746

Ion	Ratio	Lower	Upper
248	100		
250	193.0	78.7	118.1#
141	416.6	48.4	72.6#



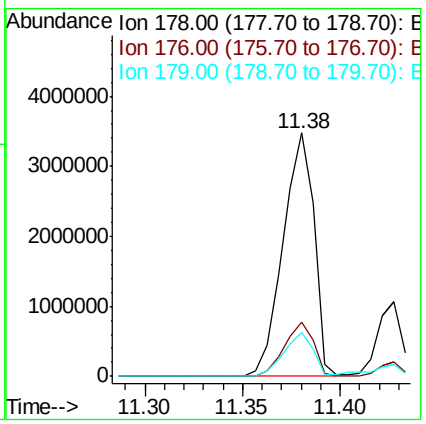


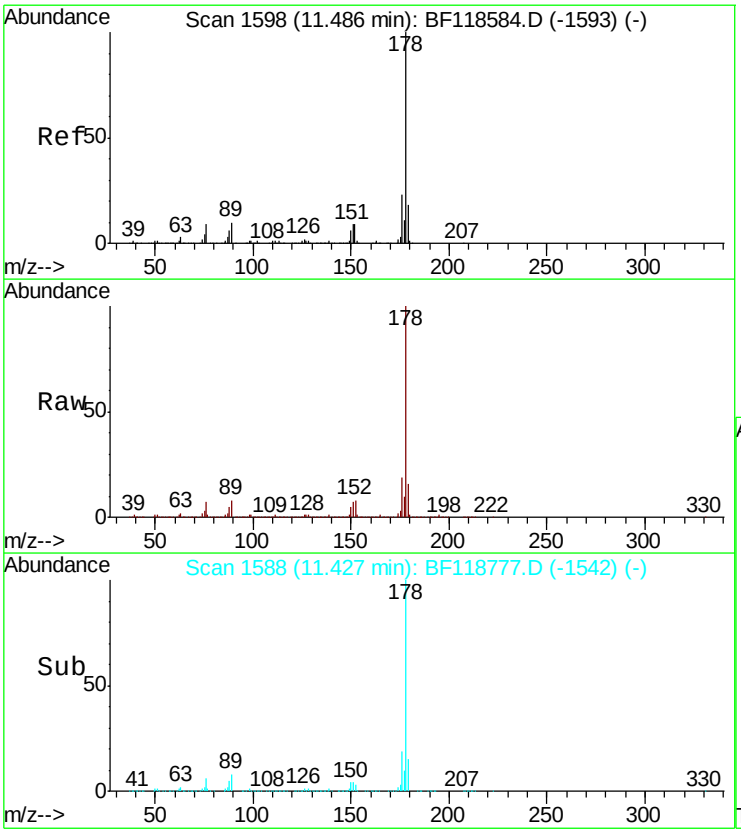
#71
Phenanthrene
Concen: 70.218 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 3824895

Ion	Ratio	Lower	Upper
178	100		
176	22.3	16.5	24.7
179	17.8	13.3	19.9

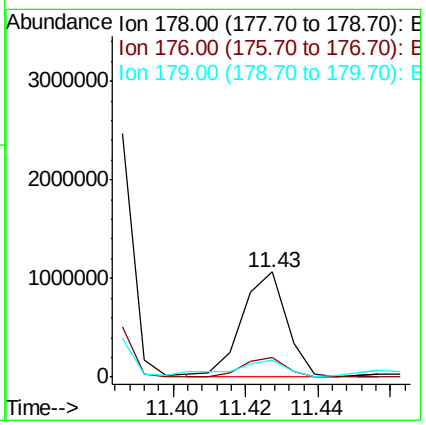


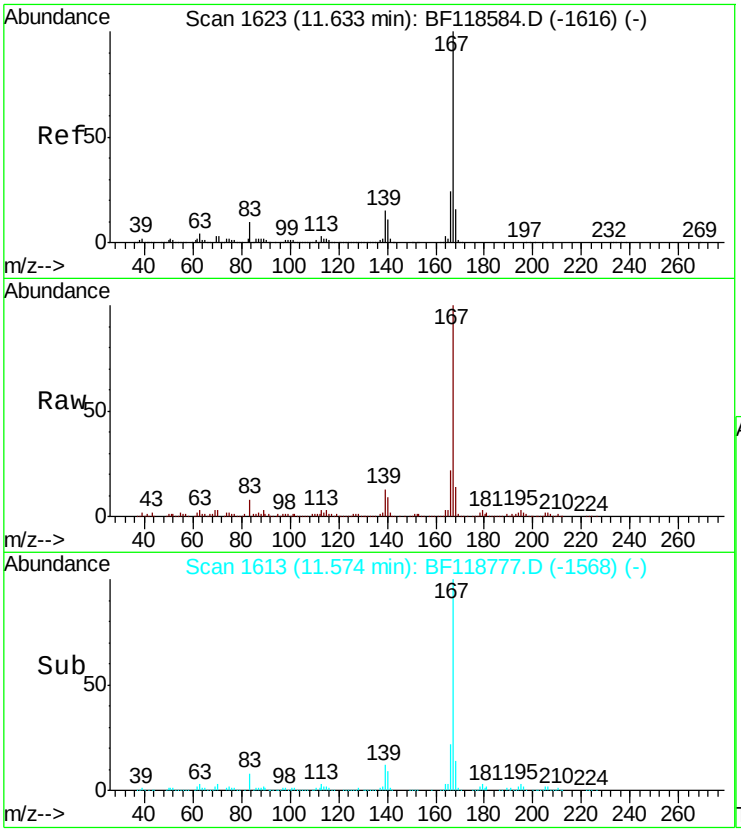


#72
Anthracene
Concen: 16.644 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.03 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Tgt Ion:178 Resp: 897122

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.7	13.3	19.9



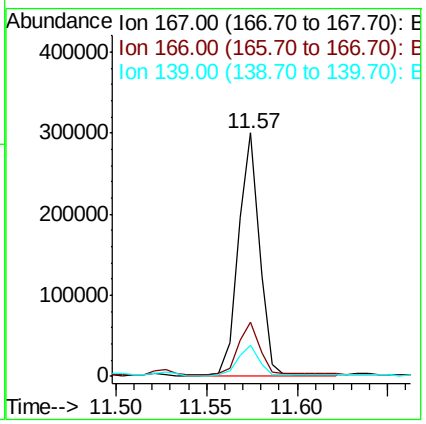


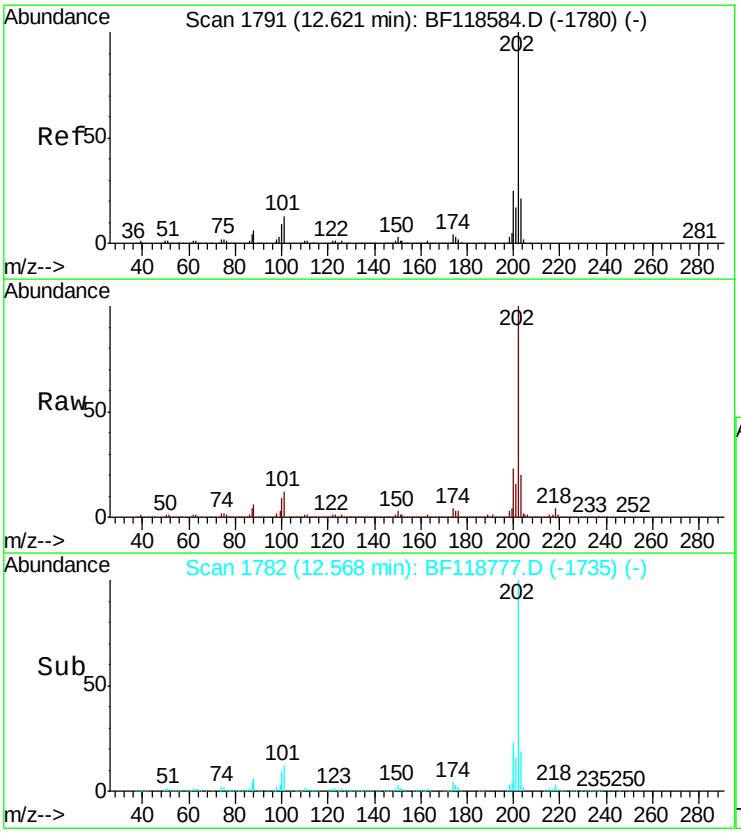
#73
Carbazole
Concen: 4.857 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.04 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 240131

Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.3	27.5
139	12.7	11.0	16.4

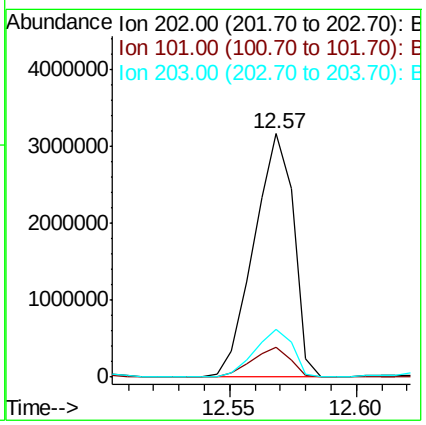


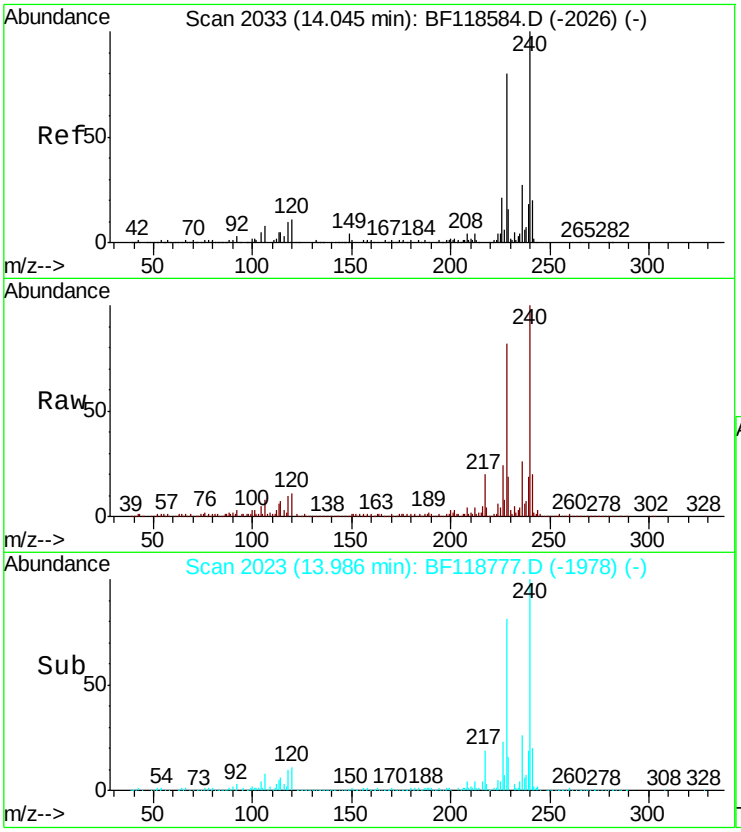


#75
Fluoranthene
Concen: 59.977 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Tgt Ion:202 Resp: 3445795

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.1
203	19.7	0.0	38.9



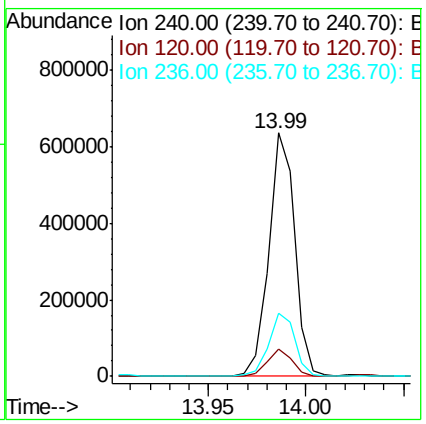


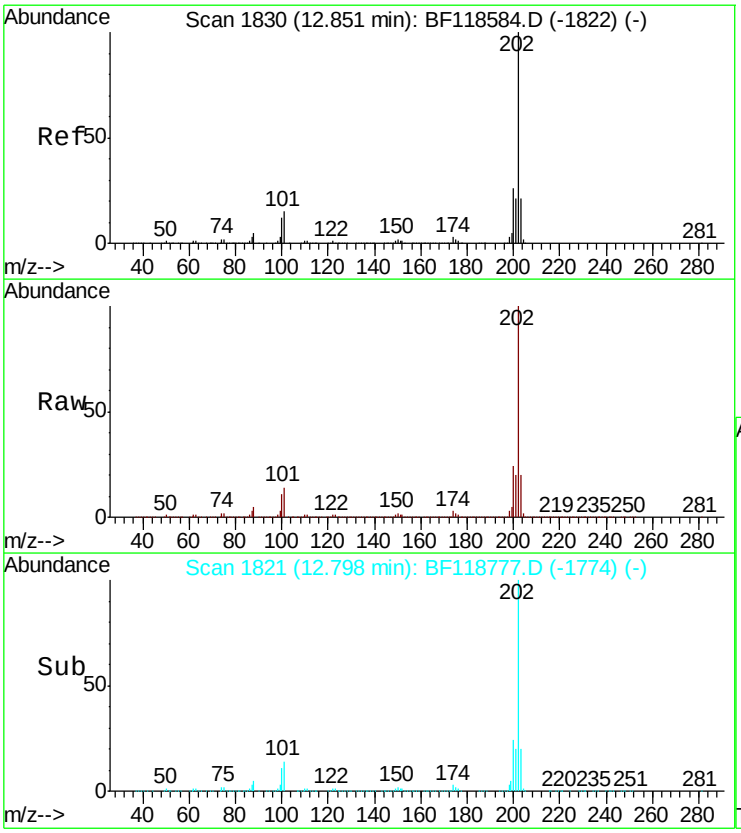
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.04 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 582426

Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.6	11.4
236	26.0	21.0	31.4

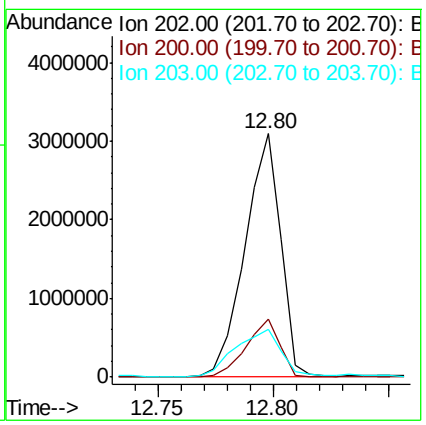


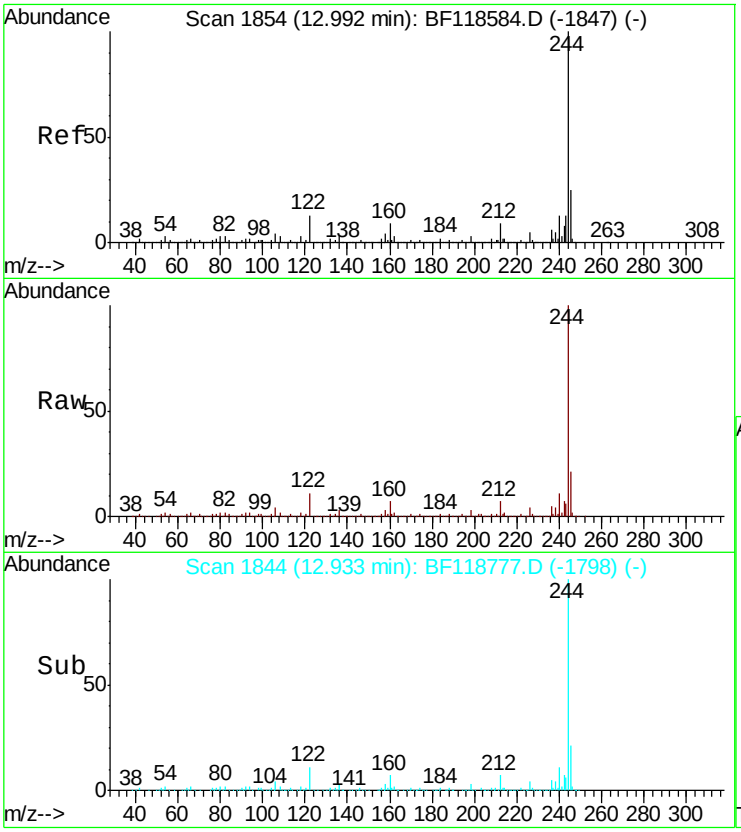


#78
Pyrene
Concen: 84.163 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Tgt Ion:202 Resp: 3327949

Ion	Ratio	Lower	Upper
202	100		
200	23.8	18.1	27.1
203	19.8	15.2	22.8



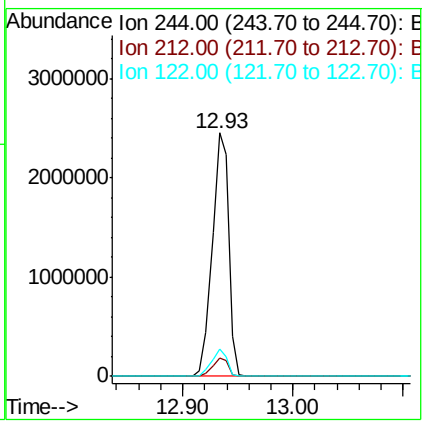


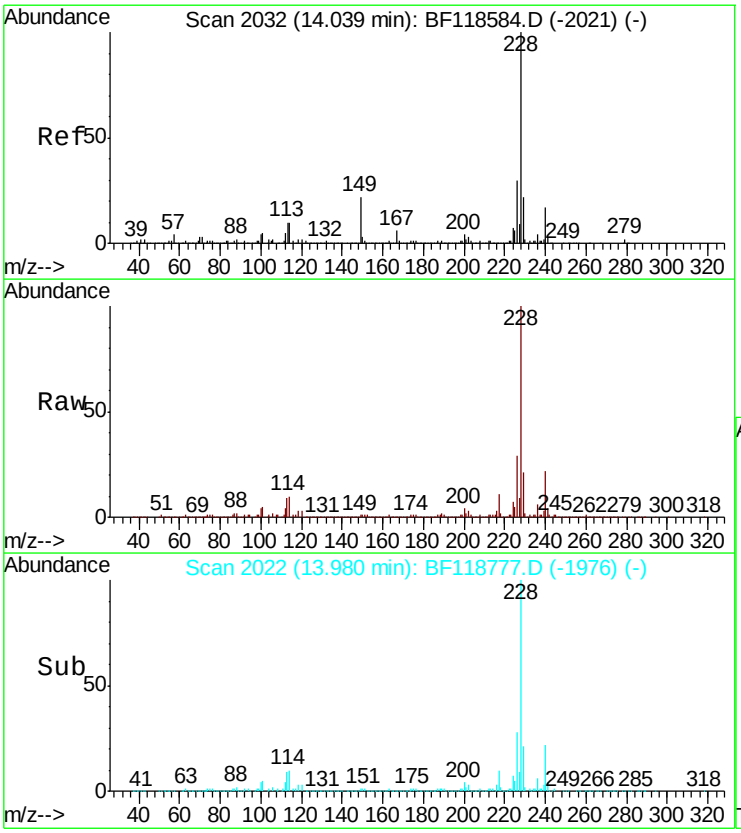
#79
Terphenyl-d14
Concen: 93.691 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.03 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 2501868

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	11.1	9.2	13.8

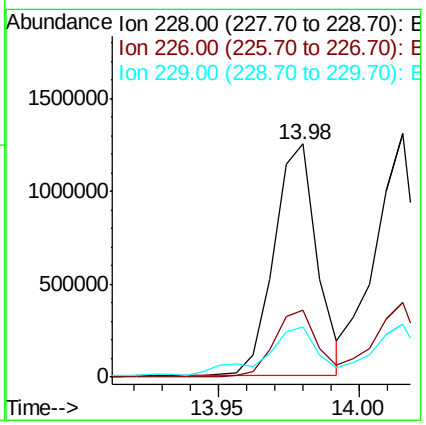


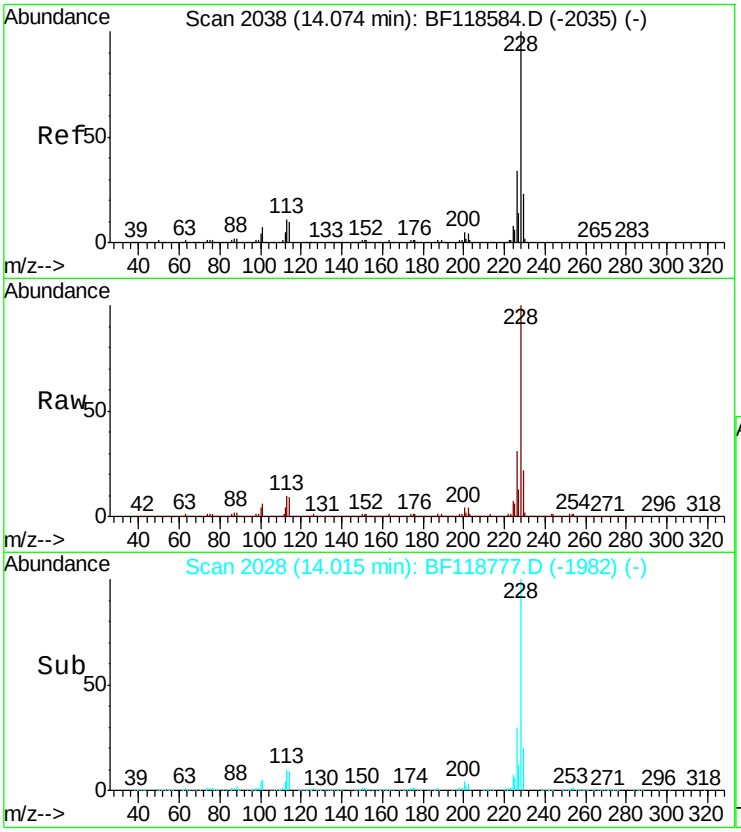


#81
Benzo(a)anthracene
Concen: 37.818 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Tgt Ion:228 Resp: 1325006

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	34.0
229	21.4	16.6	25.0



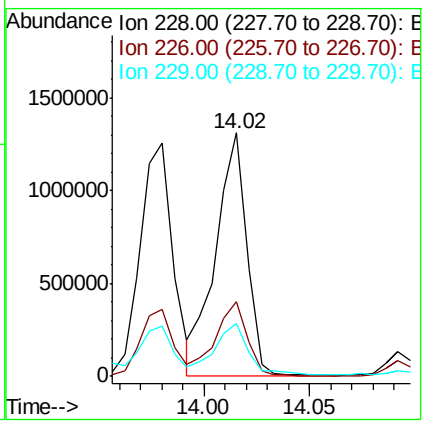


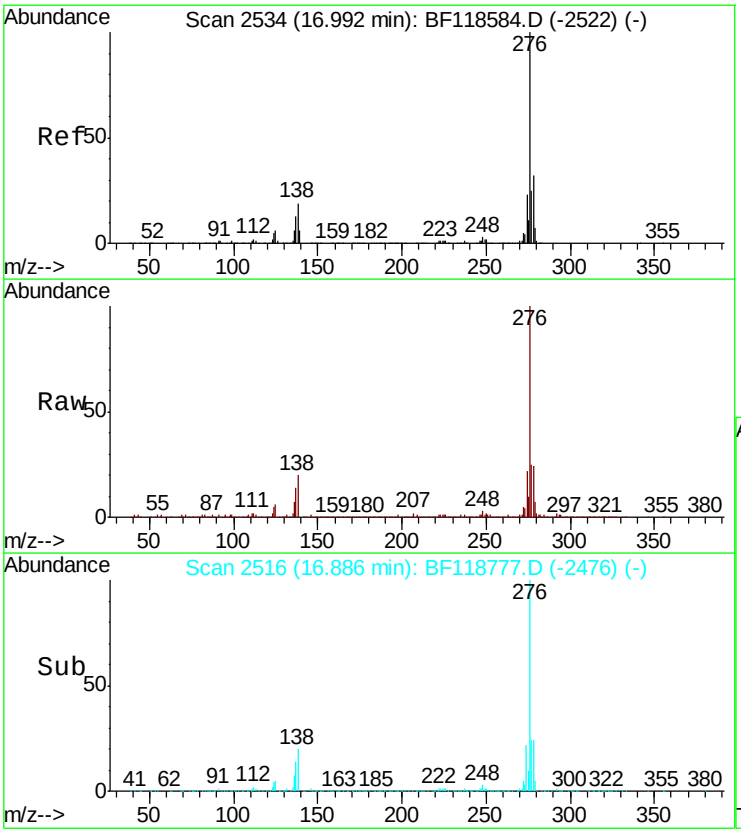
#83
Chrysene
Concen: 39.568 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.03 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1328632

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.6	38.4
229	22.0	17.1	25.7

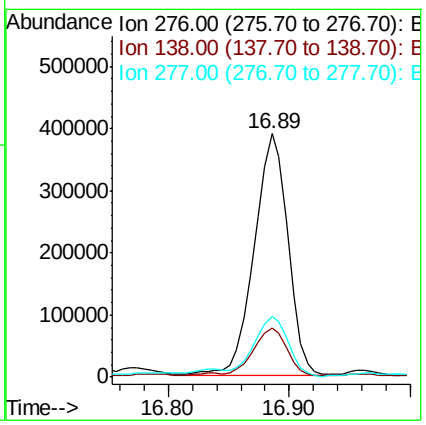


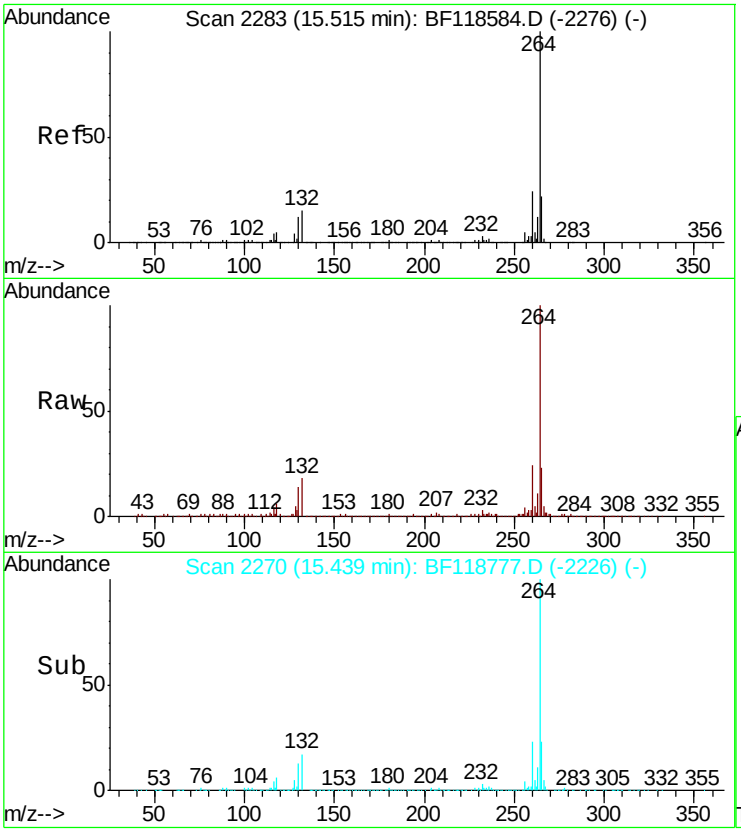


#86
Indeno(1,2,3-cd)pyrene
Concen: 26.047 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.06 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Tgt Ion:276 Resp: 759945

Ion	Ratio	Lower	Upper
276	100		
138	20.2	18.2	27.4
277	24.2	20.4	30.6



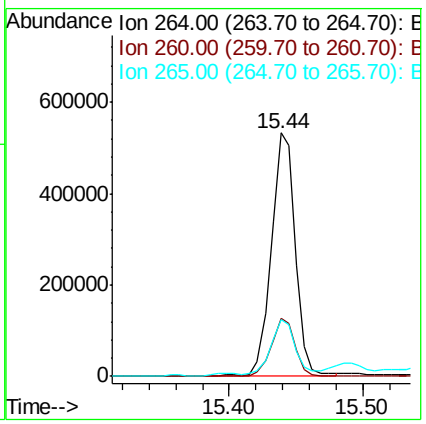


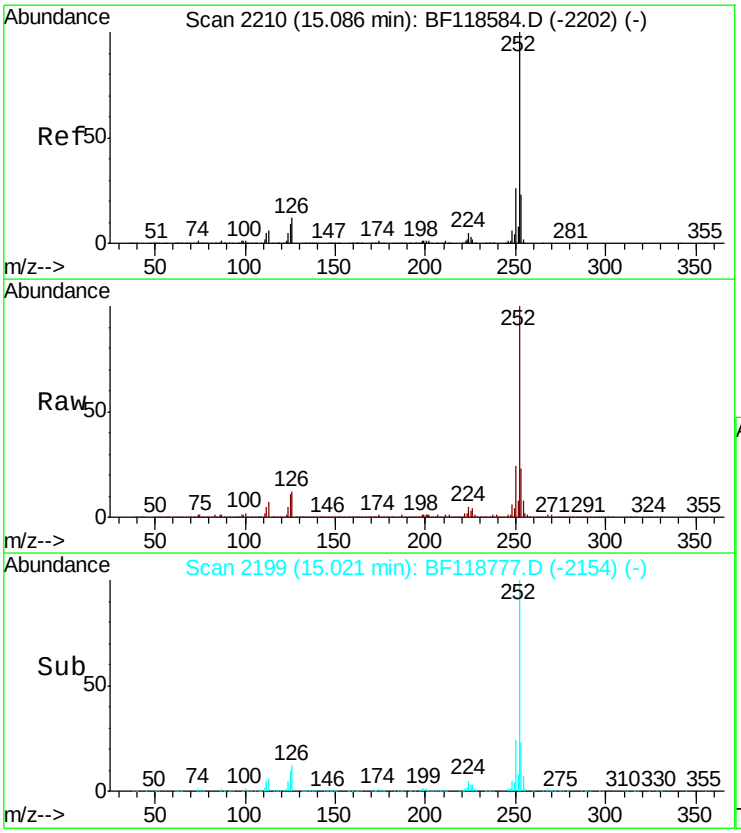
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 667703

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	23.1	17.0	25.6

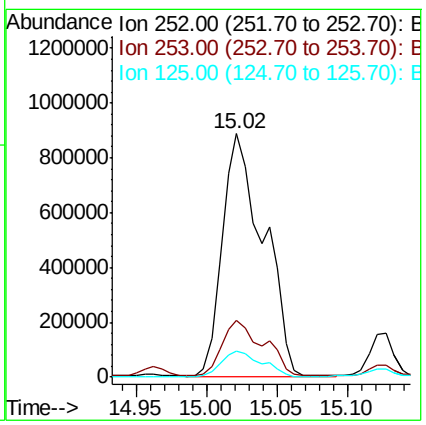


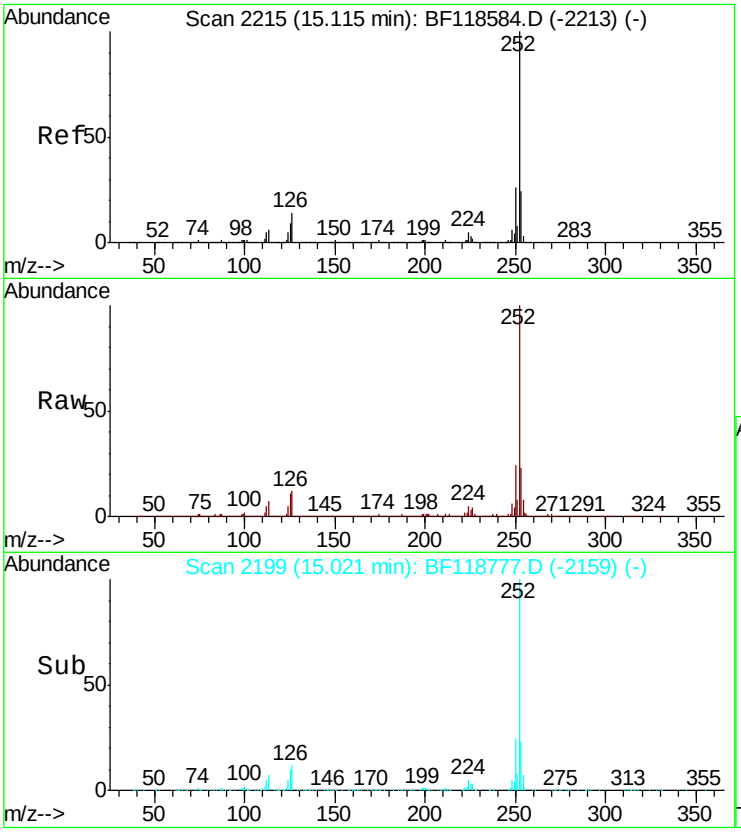


#88
Benzo(b)fluoranthene
Concen: 42.893 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Tgt Ion:252 Resp: 1800215

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	10.6	7.7	11.5



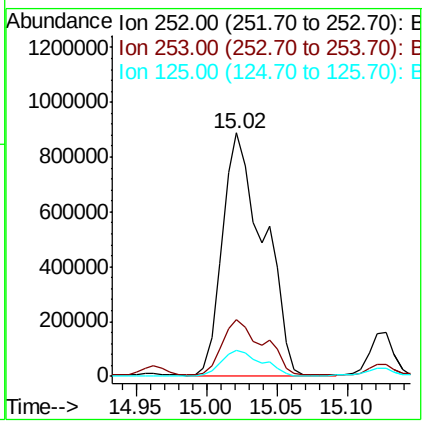


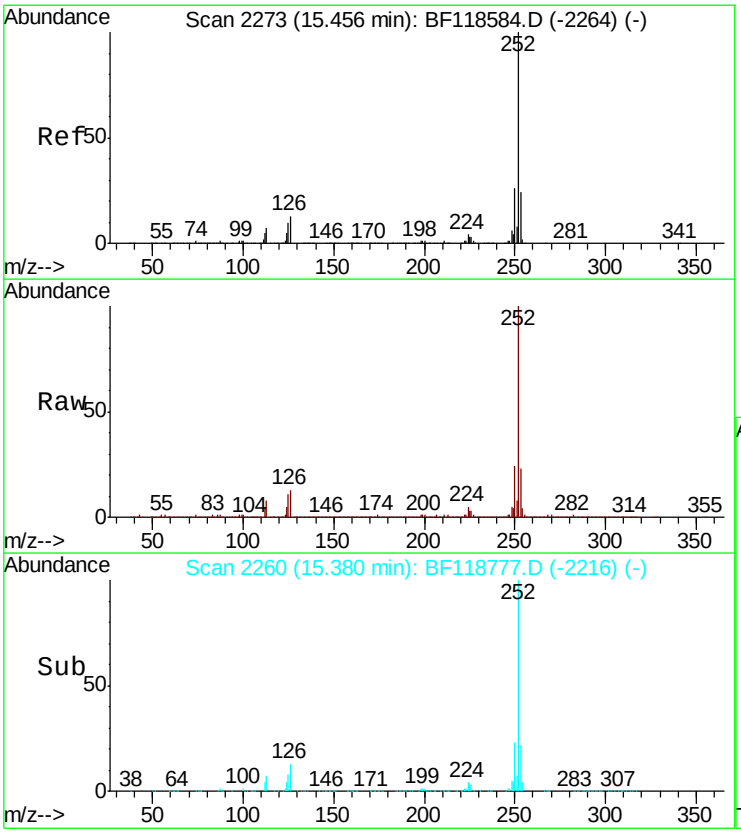
#89
Benzo(k)fluoranthene
Concen: 46.298 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.06 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1800215

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	10.6	8.1	12.1

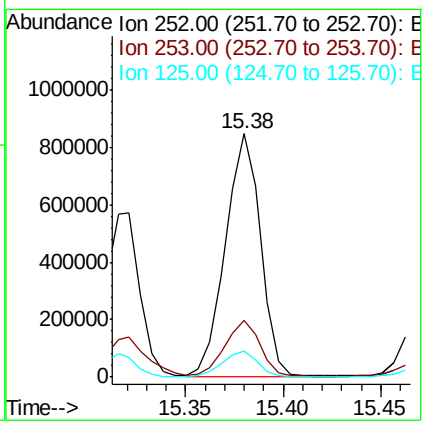


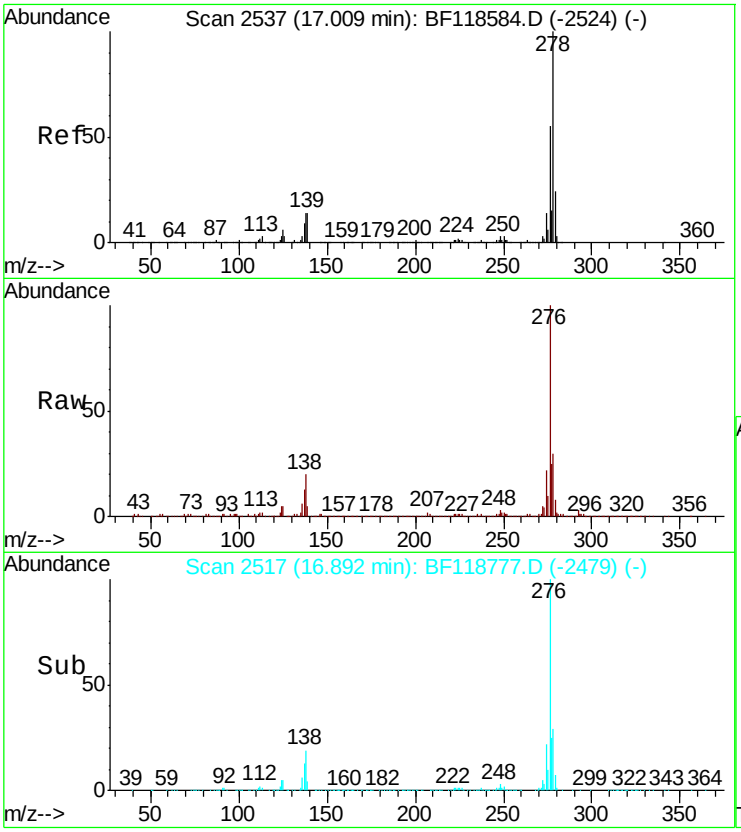


#90
Benzo(a)pyrene
Concen: 29.046 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.04 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Tgt Ion:252 Resp: 1051610

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	10.5	8.3	12.5



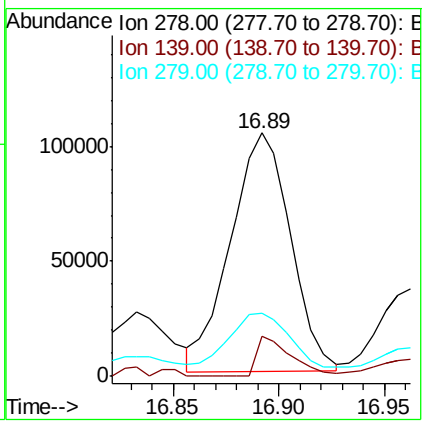


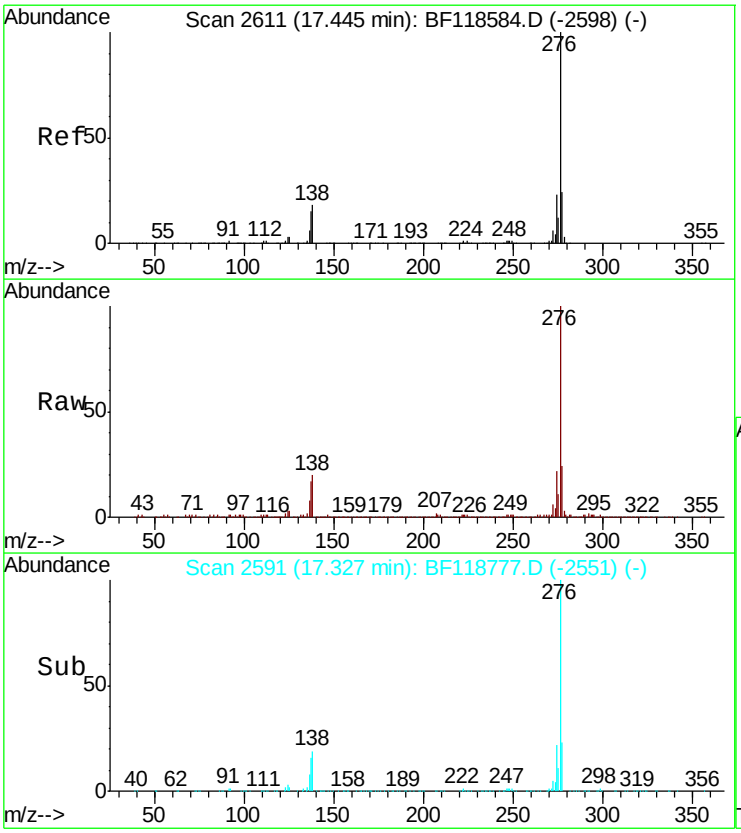
#91
Dibenzo(a,h)anthracene
Concen: 6.393 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.08 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 204737

Ion	Ratio	Lower	Upper
278	100		
139	16.3	11.8	17.6
279	26.1	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 23.473 ng
RT: 17.33 min Scan# 2591
Delta R.T. -0.06 min
Lab File: BF118777.D
Acq: 31 Jan 2020 13:06

Tgt Ion:276 Resp: 729887

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	19.9	15.4	23.2