Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
Data File : BF118889.D
Acq On : 11 Feb 2020 17:40
Operator : CG/JU
Sample : L1482-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7-EP1-1.5

Quant Time: Feb 12 06:49:42 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	6.80	152	264582	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	995378	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	558087	20.00	ng		-0.02
64) Phenanthrene-d10	11.33	188	1006133	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	512491	20.00	ng		-0.01
87) Perylene-d12	15.42	264	632528	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1429993	102.31	ng		0.00
7) Phenol-d6	6.44	99	1789247	103.12	ng		-0.01
23) Nitrobenzene-d5	7.36	82	1154360	69.13	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	607962	91.04	ng		-0.02
45) 2-Fluorobiphenyl	9.16	172	2185812	70.02	ng		-0.02
79) Terphenyl-d14	12.91	244	1808939	72.50	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.36	77	1964	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.36	70	156588	14.750	ng	#	75
25) Isophorone	7.36	82	1154352	38.462	ng	#	63
31) Naphthalene	8.10	128	850891	18.691	ng		98
33) 4-Chloroaniline	8.10	127	112986	5.547	ng	#	33
37) 2-Methylnaphthalene	8.80	142	110892	3.512	ng		99
38) 1-Methylnaphthalene	8.90	142	103880	3.497	ng		97
49) Acenaphthylene	9.70	152	805308	17.378	ng		98
50) Dimethylphthalate	9.55	163	112384	2.957	ng		98
51) 2,6-Dinitrotoluene	9.84	165	76623	8.812	ng	#	31
52) Acenaphthene	9.87	154	76025	2.490	ng		96
55) Dibenzofuran	10.05	168	162572	3.684	ng		93
56) 4-Nitrophenol	10.05	139	56234	8.058	ng	#	12
58) Fluorene	10.39	166	240094	7.232	ng		97
67) 4-Bromophenyl-phenylether	10.63	248	38955	3.273	ng	#	1
71) Phenanthrene	11.35	178	1841360	37.197	ng		99
72) Anthracene	11.40	178	629690	12.786	ng		97
73) Carbazole	11.55	167	119859	2.773	ng		96
75) Fluoranthene	12.54	202	2379733	44.029	ng		99
78) Pyrene	12.77	202	2388436	67.934	ng		99
81) Benzo(a)anthracene	14.00	228	1225922	40.199	ng		96
83) Chrysene	14.00	228	1225922	40.053	ng		98
86) Indeno(1,2,3-cd)pyrene	16.86	276	1201135	39.058	ng		96
88) Benzo(b)fluoranthene	15.00	252	2736778	69.728	ng		99
89) Benzo(k)fluoranthene	15.00	252	2736778	80.073	ng	#	98
90) Benzo(a)pyrene	15.36	252	1634204	48.651	ng		98
91) Dibenzo(a,h)anthracene	17.02	278	279005	9.357	ng		98
92) Benzo(g,h,i)perylene	17.30	276	1155680	40.300	ng		99

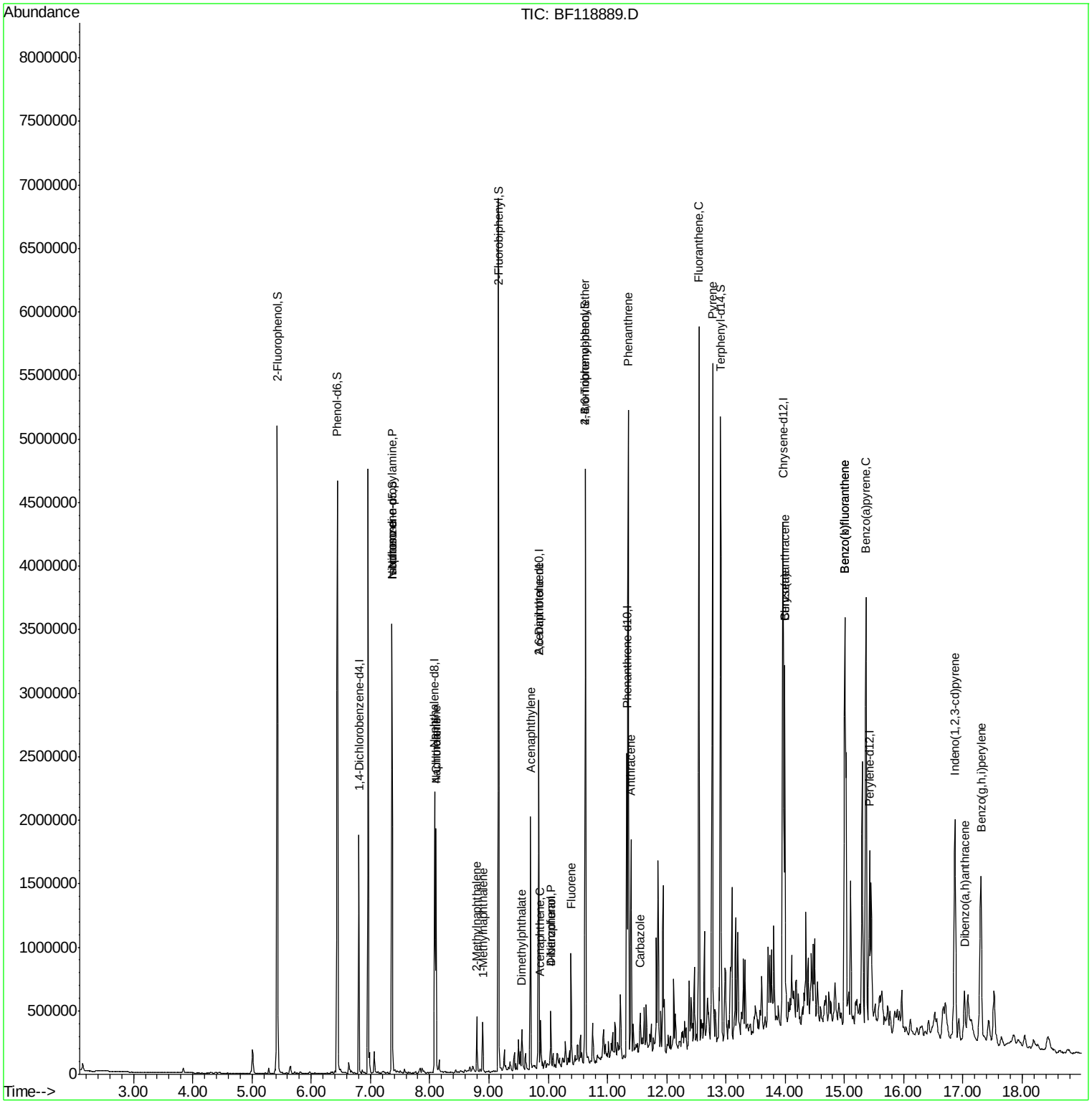
(#) = qualifier out of range (m) = manual integration (+) = signals summed

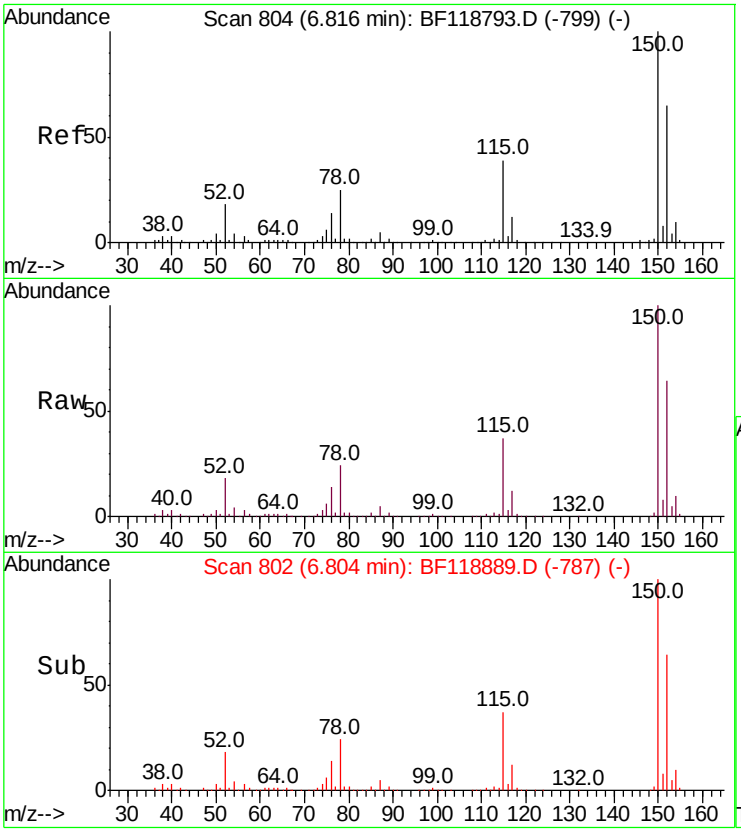
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
Data File : BF118889.D
Acq On : 11 Feb 2020 17:40
Operator : CG/JU
Sample : L1482-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP7-EP1-1.5

Quant Time: Feb 12 06:49:42 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



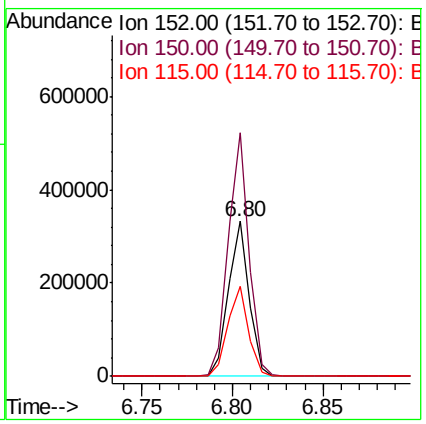


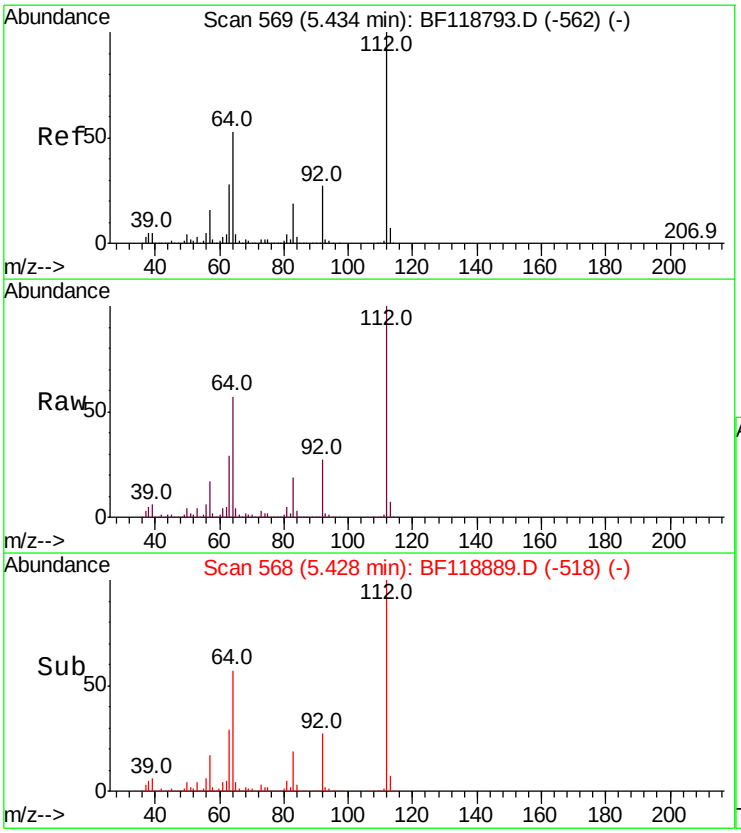
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Instrument :
BNA_F
ClientSampleId :
TP7-EP1-1.5

Tgt Ion:152 Resp: 264582

Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.6	185.4
115	57.8	48.2	72.2

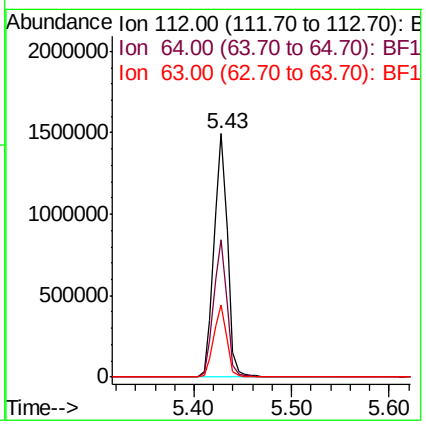


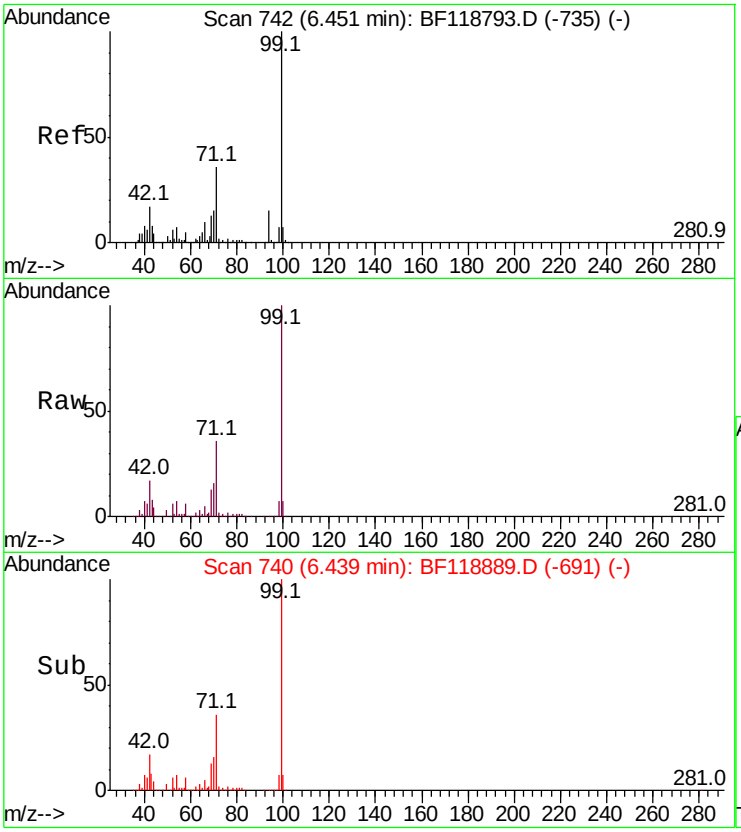


#5
2-Fluorophenol
Concen: 102.308 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Tgt Ion:112 Resp: 1429993

Ion	Ratio	Lower	Upper
112	100		
64	56.5	42.6	63.8
63	29.4	22.2	33.4



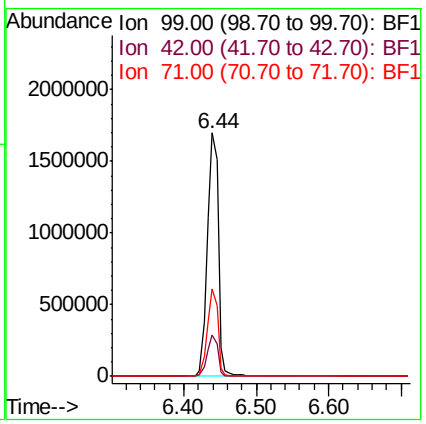


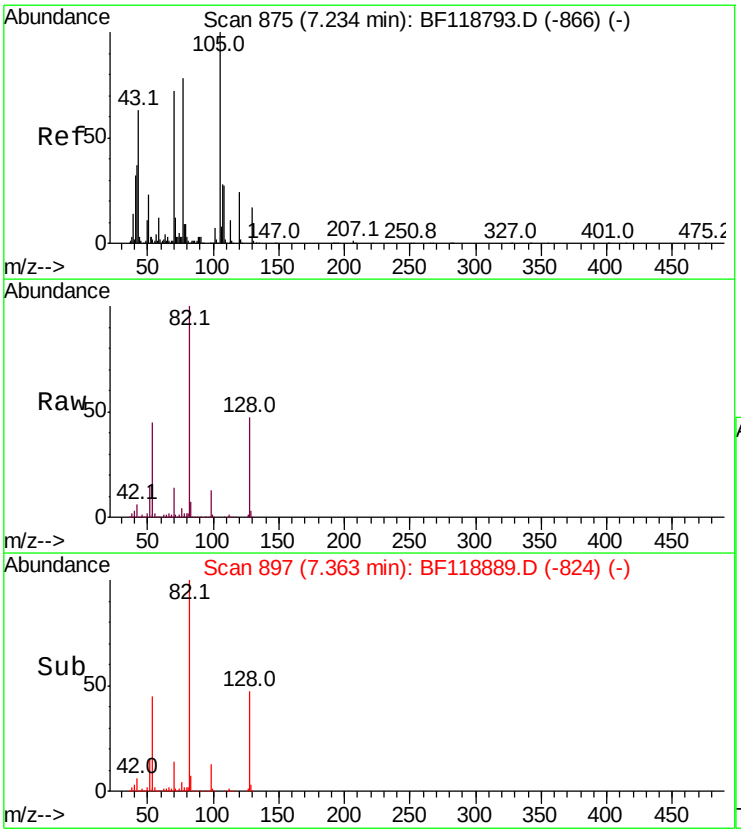
#7
Phenol-d6
Concen: 103.121 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Instrument :
BNA_F
ClientSampleId :
TP7-EP1-1.5

Tgt Ion: 99 Resp: 1789247

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.4	20.0
71	35.8	29.0	43.6

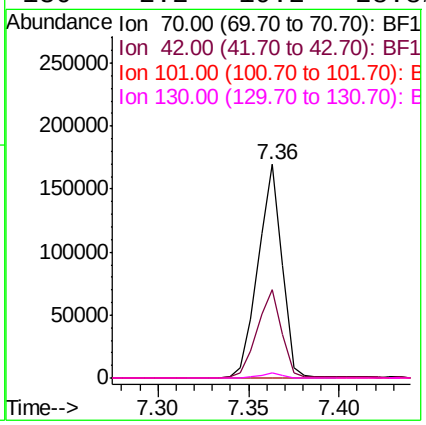


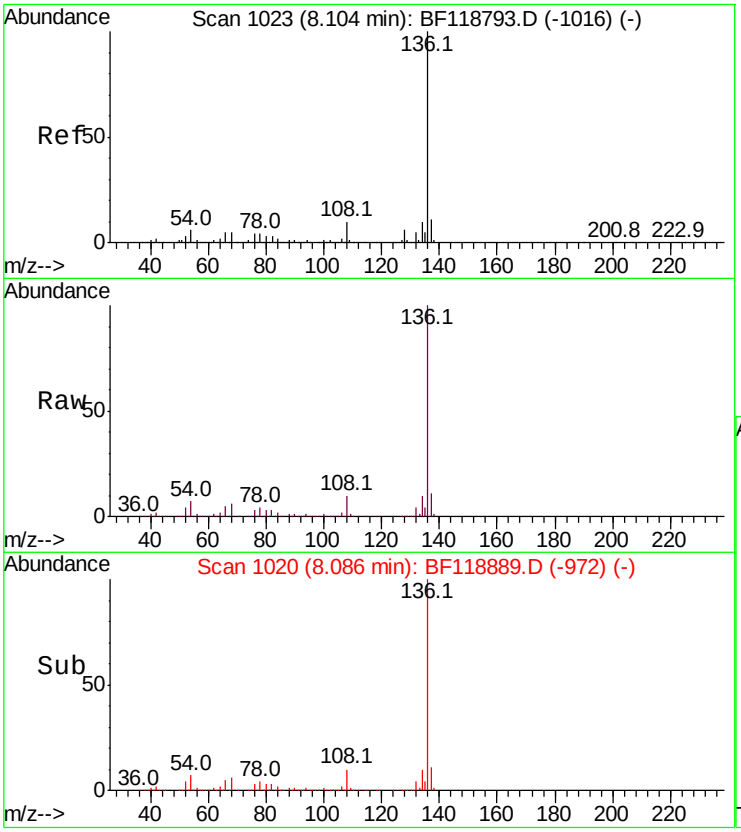


#19
n-Nitroso-di-n-propylamine
Concen: 14.750 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.13 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Tgt Ion: 70 Resp: 156588

Ion	Ratio	Lower	Upper
70	100		
42	41.5	41.5	62.3
101	0.0	8.3	12.5#
130	2.2	19.2	28.8#



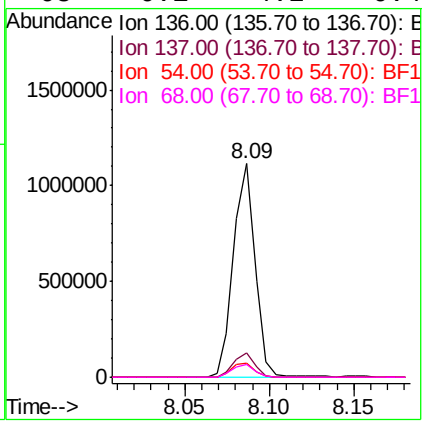


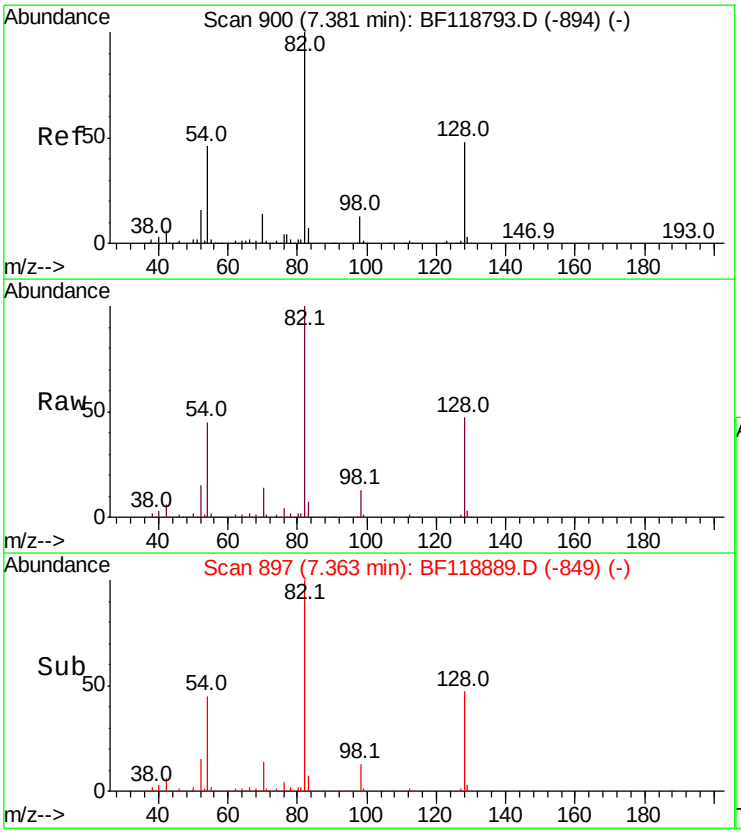
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Instrument :
BNA_F
ClientSampleId :
TP7-EP1-1.5

Tgt Ion:136 Resp: 995378

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.5	5.0	7.6
68	6.1	4.2	6.4

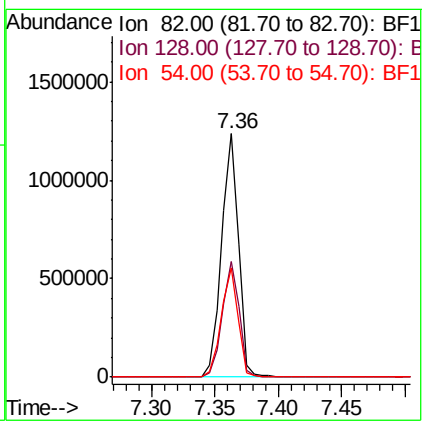


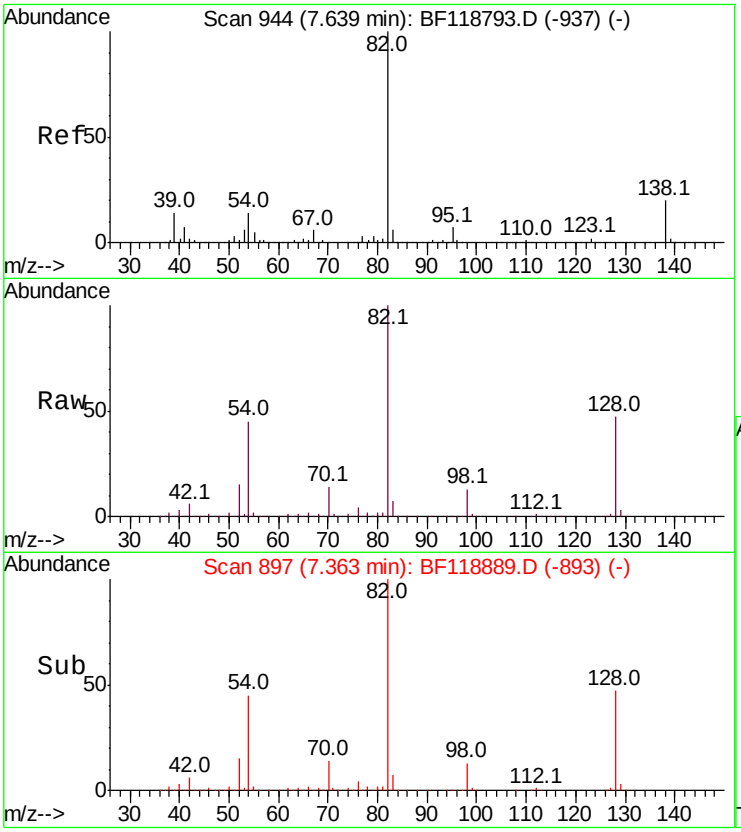


#23
Nitrobenzene-d5
Concen: 69.125 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Tgt Ion: 82 Resp: 1154360

Ion	Ratio	Lower	Upper
82	100		
128	47.3	38.5	57.7
54	45.0	36.7	55.1



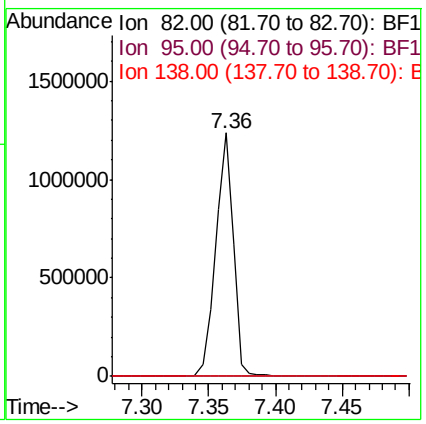


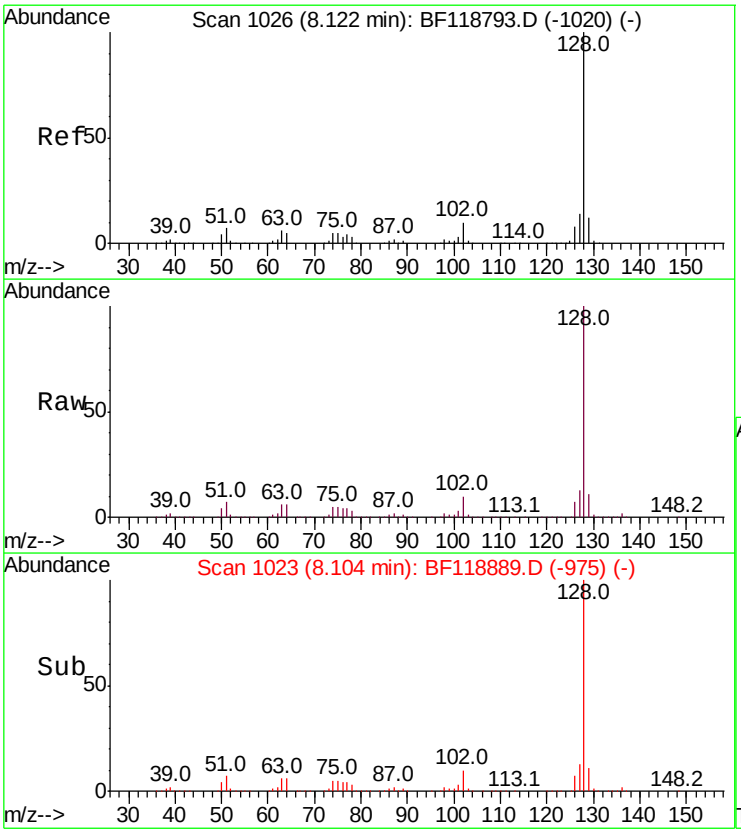
#25
Isophorone
Concen: 38.462 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.28 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Instrument :
BNA_F
ClientSampleId :
TP7-EP1-1.5

Tgt Ion: 82 Resp: 1154352

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

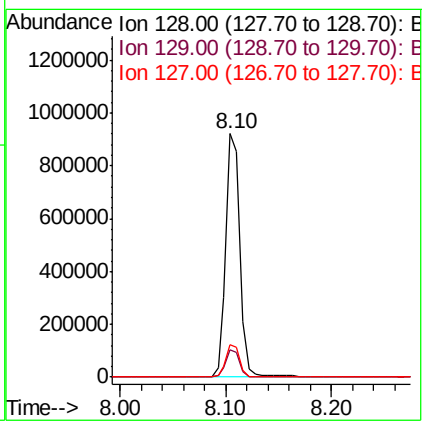


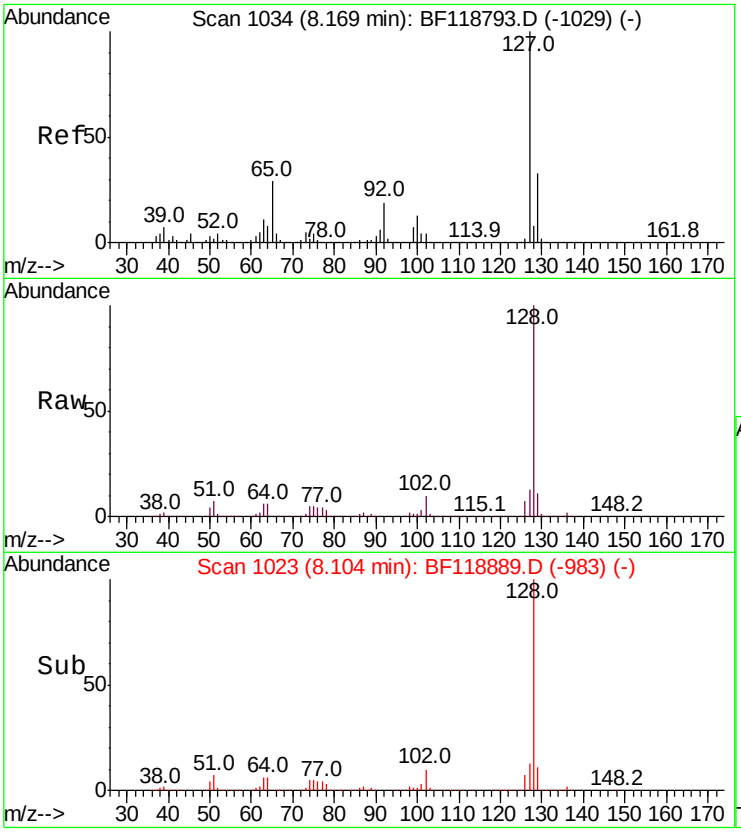


#31
Naphthalene
Concen: 18.691 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Tgt Ion:128 Resp: 850891

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	13.2	11.3	16.9



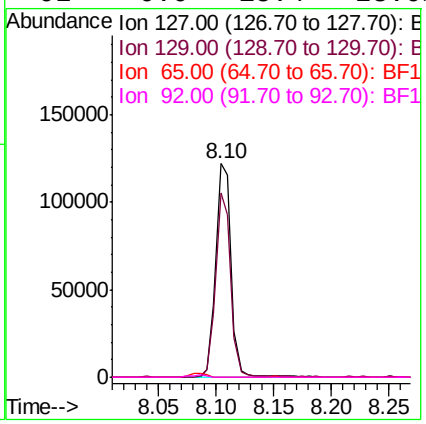


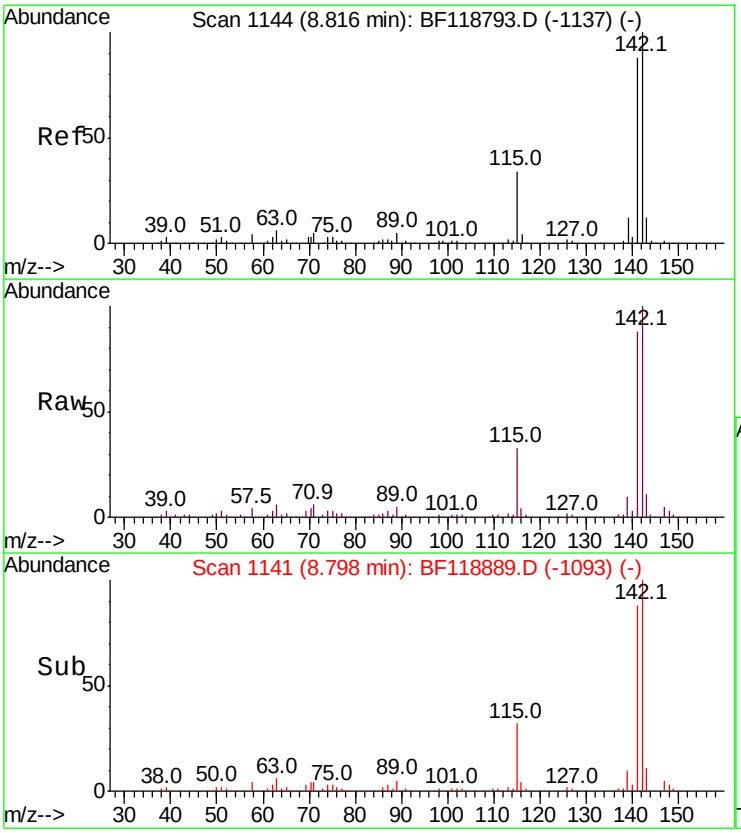
#33
4-Chloroaniline
Concen: 5.547 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.06 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Instrument :
BNA_F
ClientSampleId :
TP7-EP1-1.5

Tgt Ion:127 Resp: 112986

Ion	Ratio	Lower	Upper
127	100		
129	86.3	26.7	40.1#
65	0.0	22.9	34.3#
92	0.0	15.4	23.0#

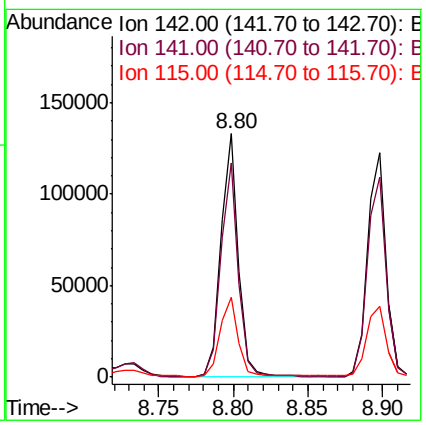


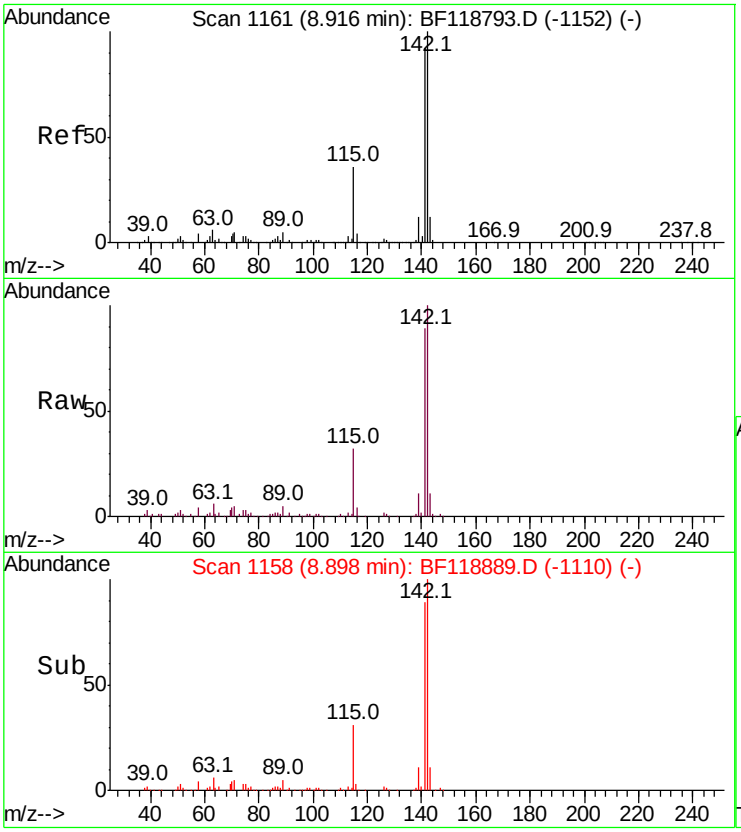


#37
2-Methylnaphthalene
Concen: 3.512 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Tgt Ion:142 Resp: 110892

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.1	105.1
115	32.5	27.3	40.9



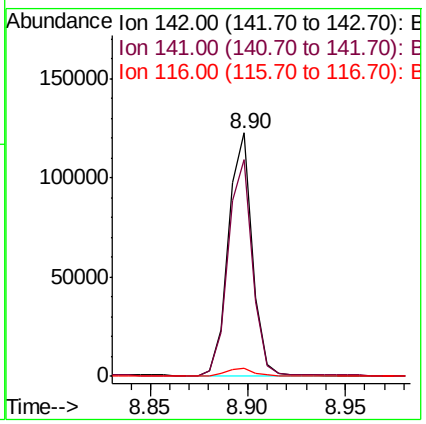


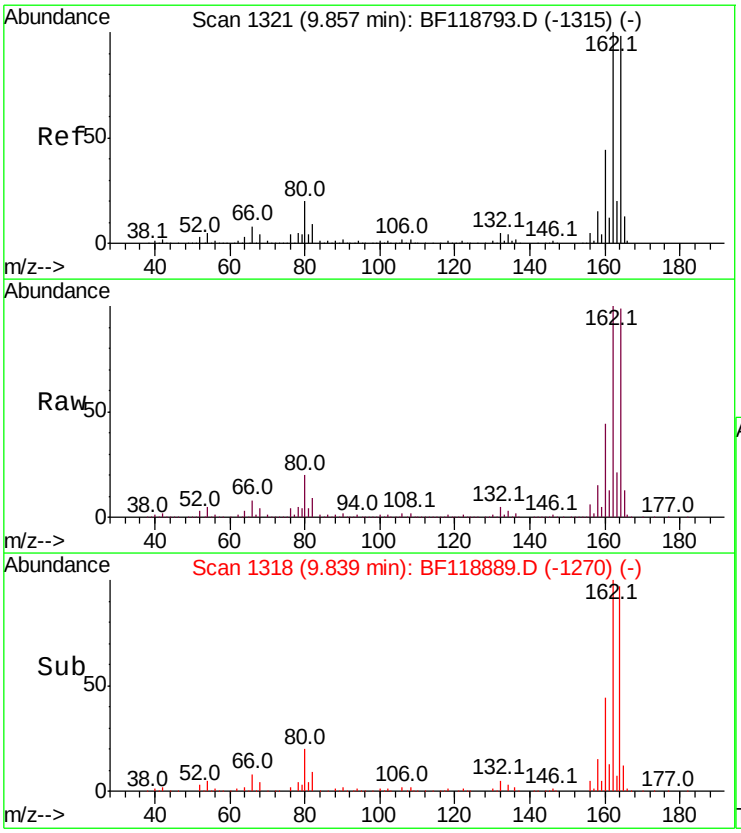
#38
1-Methylnaphthalene
Concen: 3.497 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Instrument :
BNA_F
ClientSampleId :
TP7-EP1-1.5

Tgt Ion:142 Resp: 103880

Ion	Ratio	Lower	Upper
142	100		
141	89.1	73.8	110.6
116	3.6	3.0	4.4

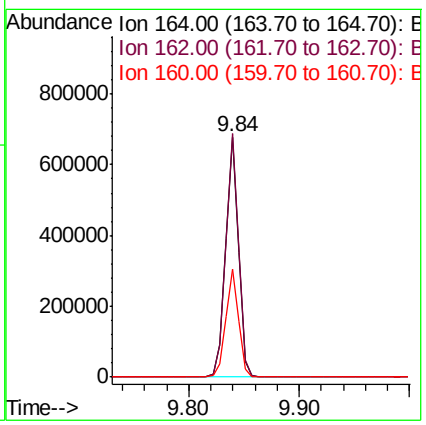


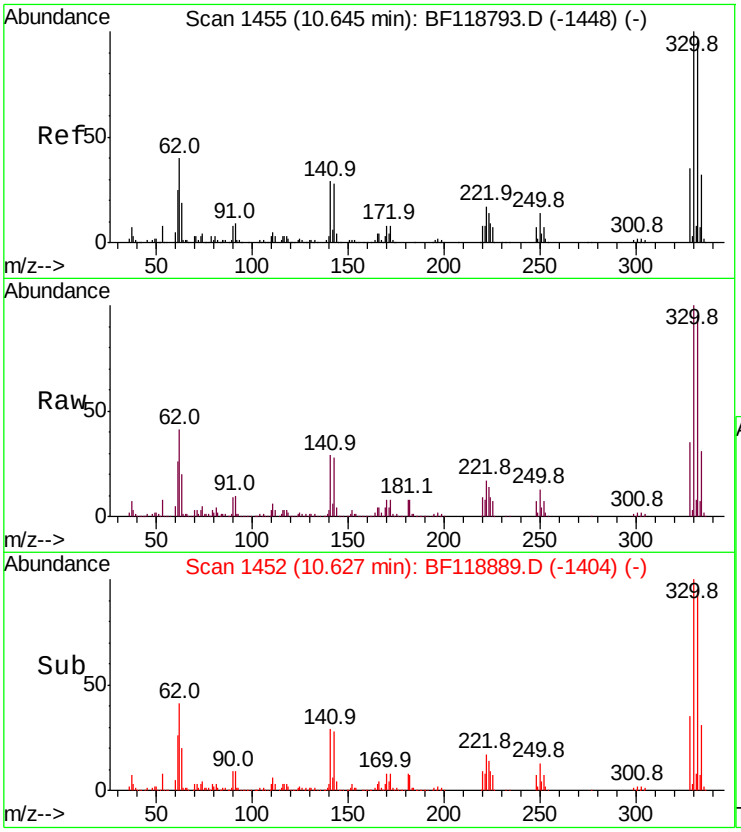


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Tgt Ion:164 Resp: 558087

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.4	122.2
160	44.7	35.6	53.4



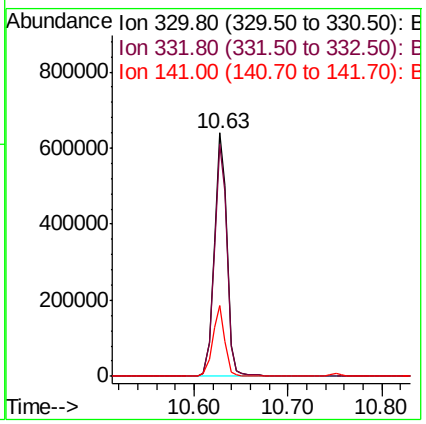


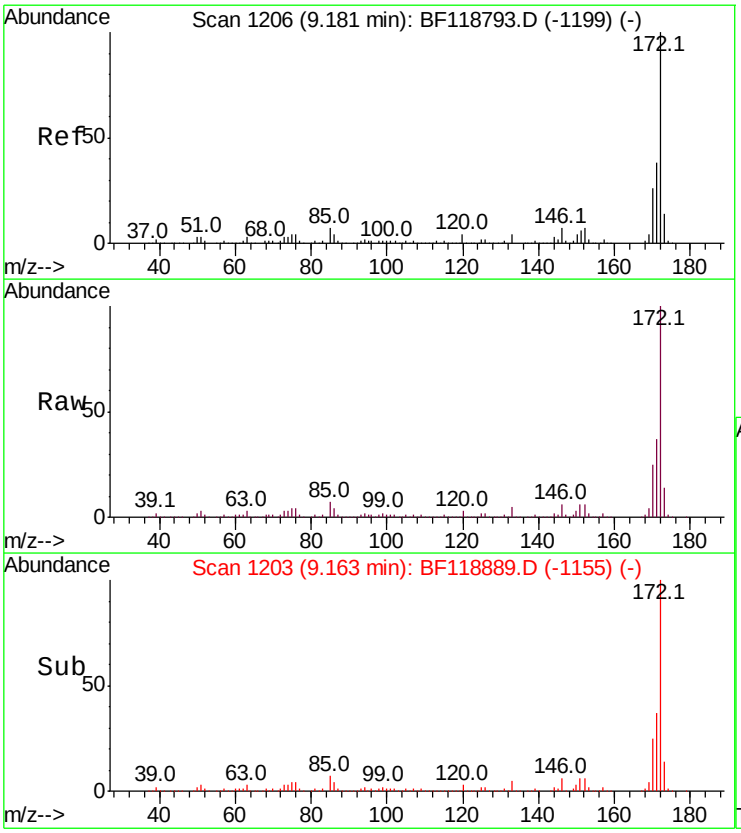
#42
2,4,6-Tribromophenol
Concen: 91.044 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Instrument :
BNA_F
ClientSampleId :
TP7-EP1-1.5

Tgt Ion:330 Resp: 607962

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	27.5	22.4	33.6

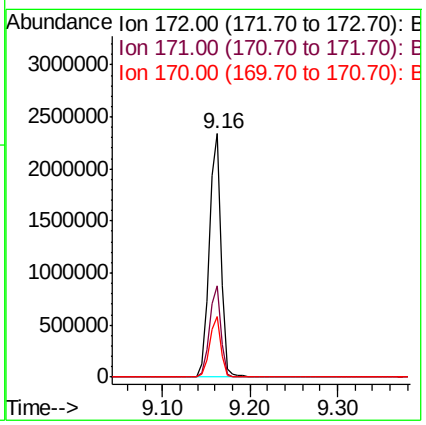


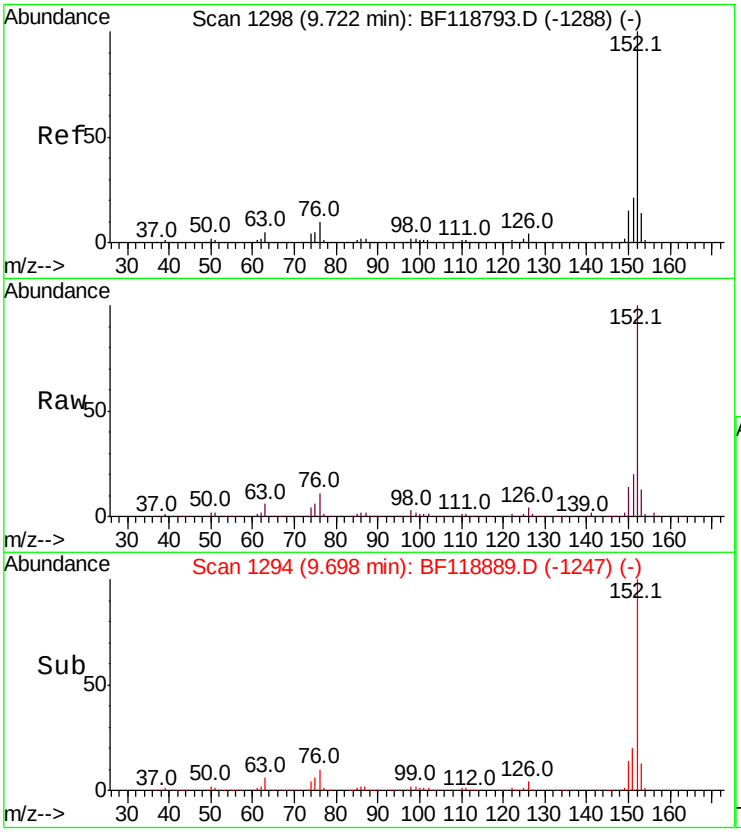


#45
2-Fluorobiphenyl
Concen: 70.017 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Tgt Ion:172 Resp: 2185812

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	24.8	20.5	30.7



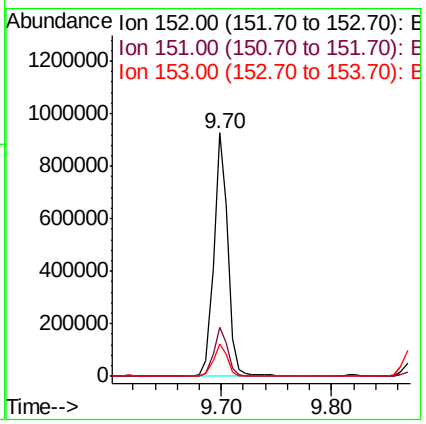


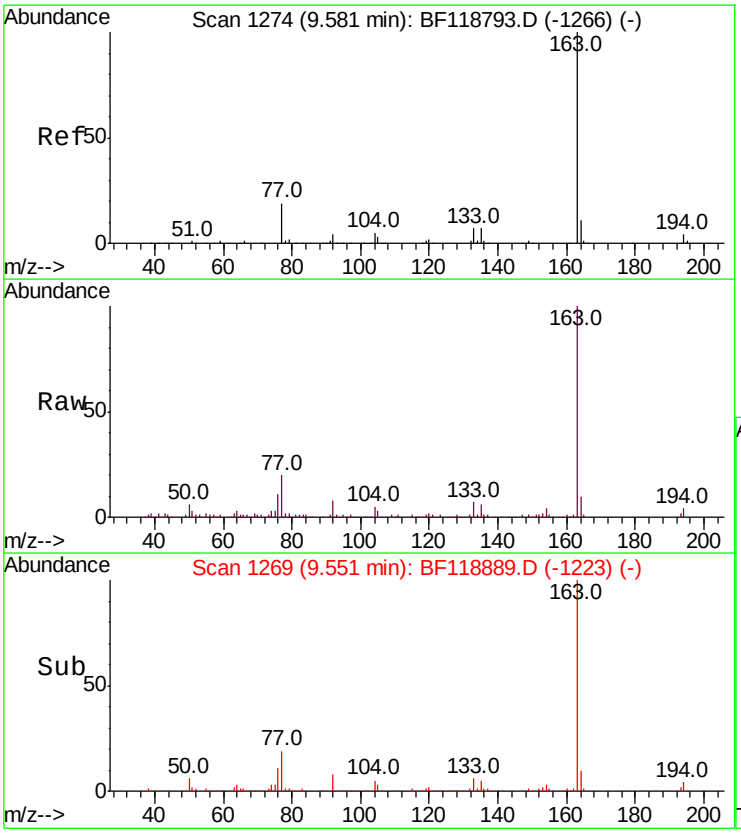
#49
Acenaphthylene
Concen: 17.378 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Instrument :
BNA_F
ClientSampleId :
TP7-EP1-1.5

Tgt Ion:152 Resp: 805308

Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.1	25.7
153	13.5	11.0	16.4

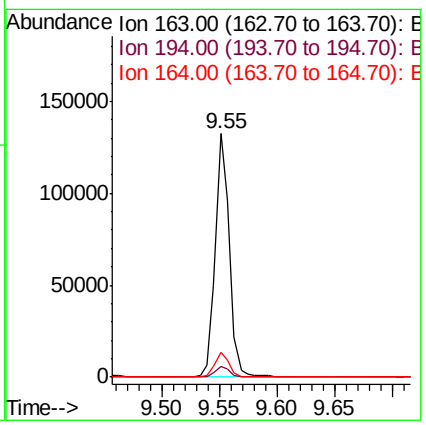


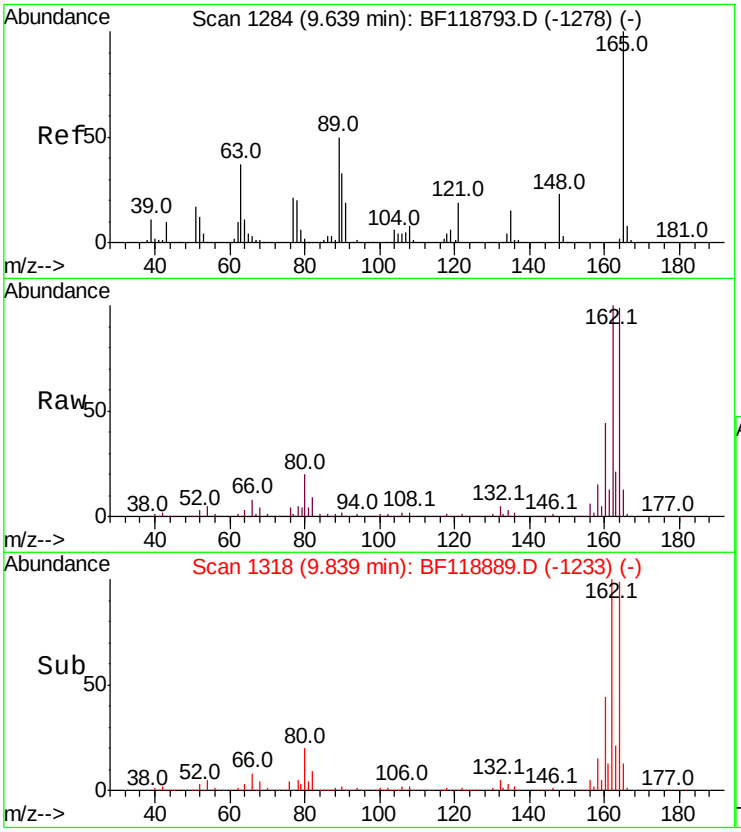


#50
Dimethylphthalate
Concen: 2.957 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Tgt Ion:163 Resp: 112384

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	10.0	8.7	13.1



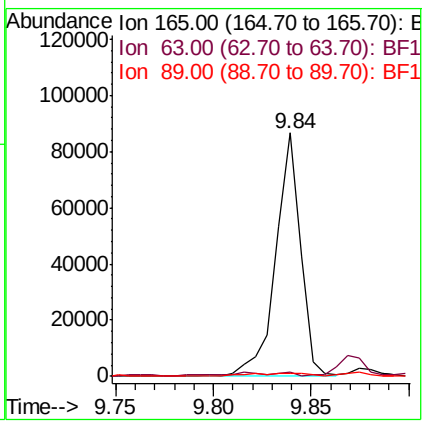


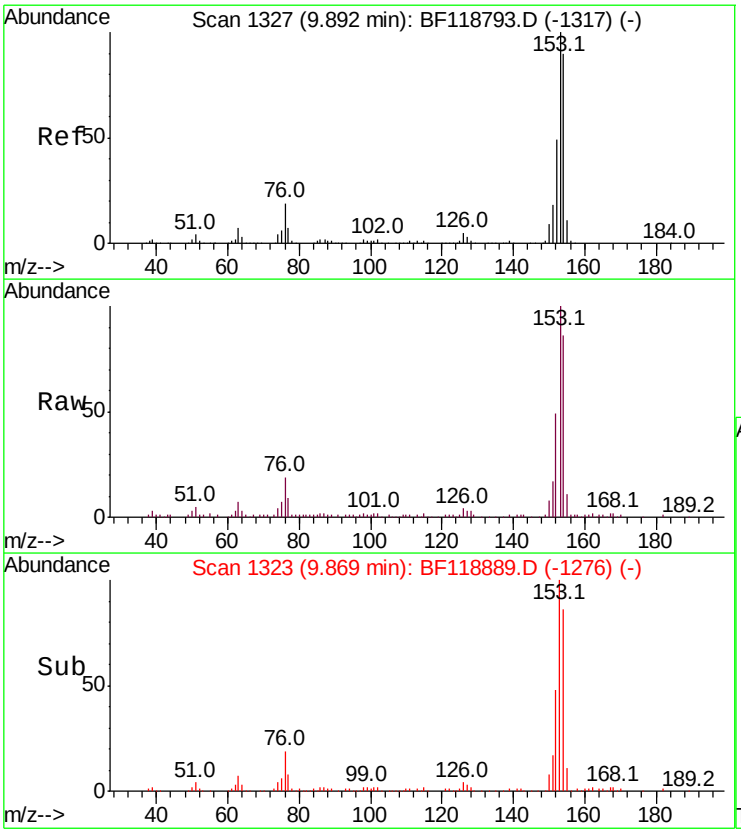
#51
2,6-Dinitrotoluene
Concen: 8.812 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.20 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Instrument :
BNA_F
ClientSampleId :
TP7-EP1-1.5

Tgt Ion:165 Resp: 76623

Ion	Ratio	Lower	Upper
165	100		
63	1.5	37.4	56.0#
89	1.2	39.7	59.5#

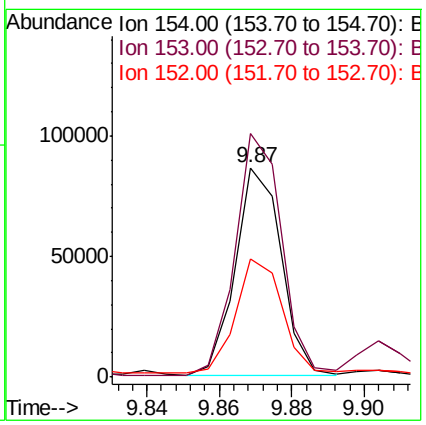


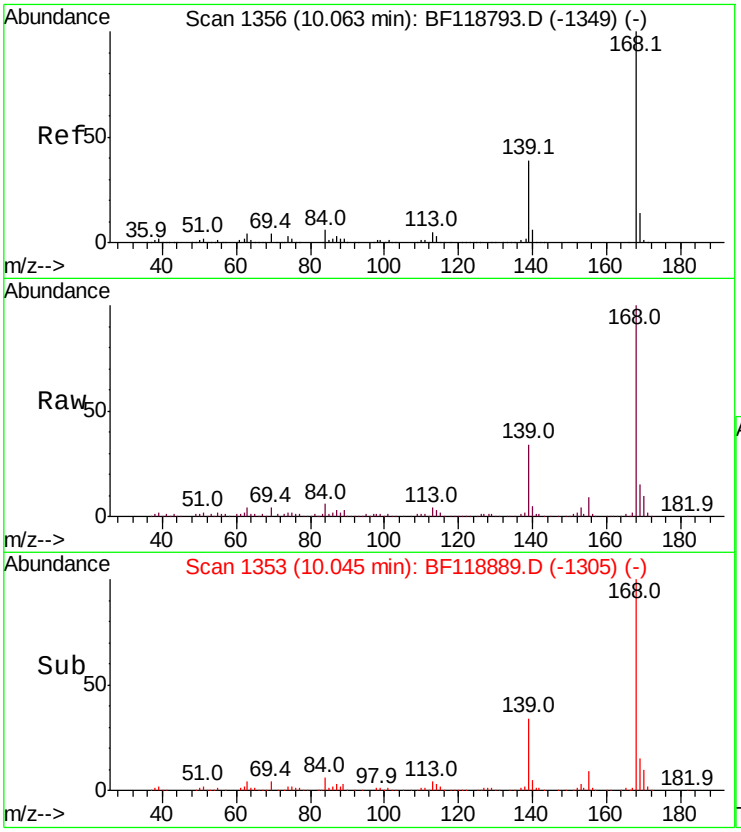


#52
Acenaphthene
Concen: 2.490 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Tgt Ion:154 Resp: 76025

Ion	Ratio	Lower	Upper
154	100		
153	116.4	89.4	134.0
152	56.7	43.6	65.4



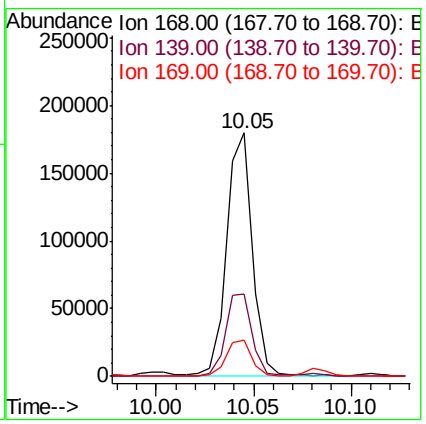


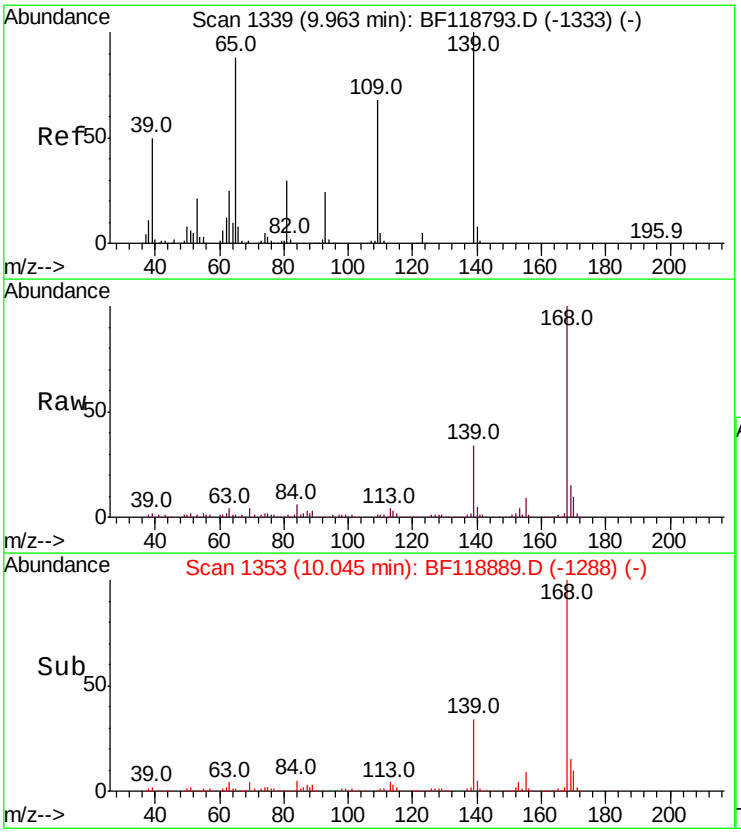
#55
Dibenzofuran
Concen: 3.684 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Instrument :
BNA_F
ClientSampleId :
TP7-EP1-1.5

Tgt Ion:168 Resp: 162572

Ion	Ratio	Lower	Upper
168	100		
139	33.8	31.6	47.4
169	14.7	11.4	17.2

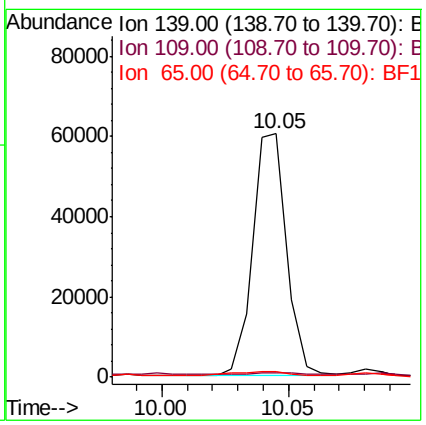


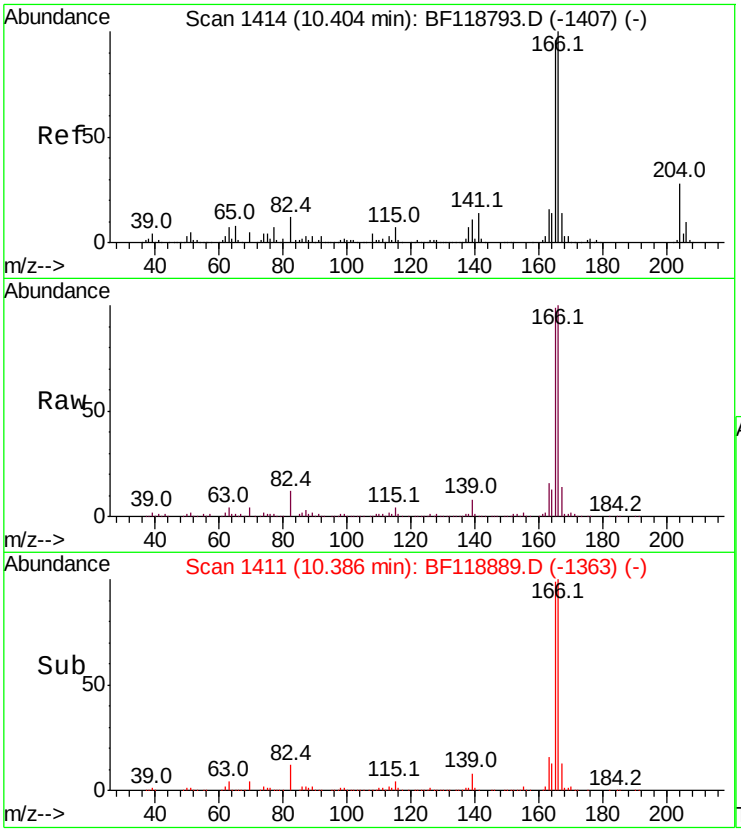


#56
4-Nitrophenol
Concen: 8.058 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.08 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Tgt Ion:139 Resp: 56234

Ion	Ratio	Lower	Upper
139	100		
109	1.8	48.0	88.0#
65	2.4	68.3	108.3#



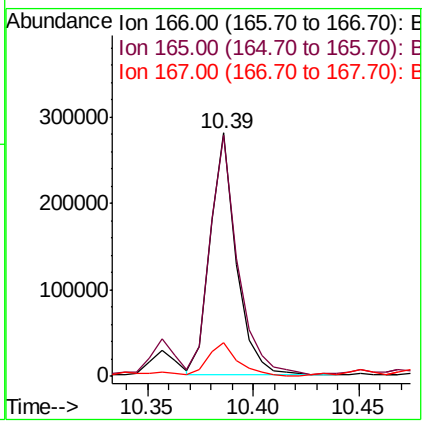


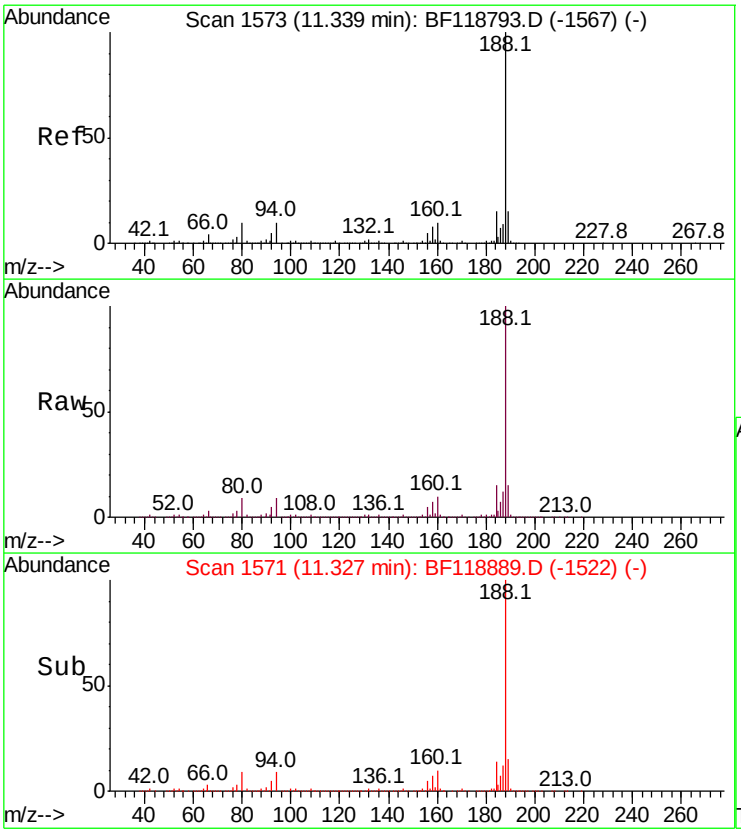
#58
Fluorene
Concen: 7.232 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Instrument :
BNA_F
ClientSampleId :
TP7-EP1-1.5

Tgt Ion:166 Resp: 240094

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.0	115.6
167	13.7	11.1	16.7

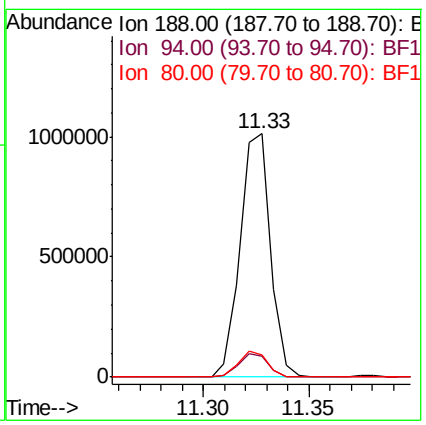


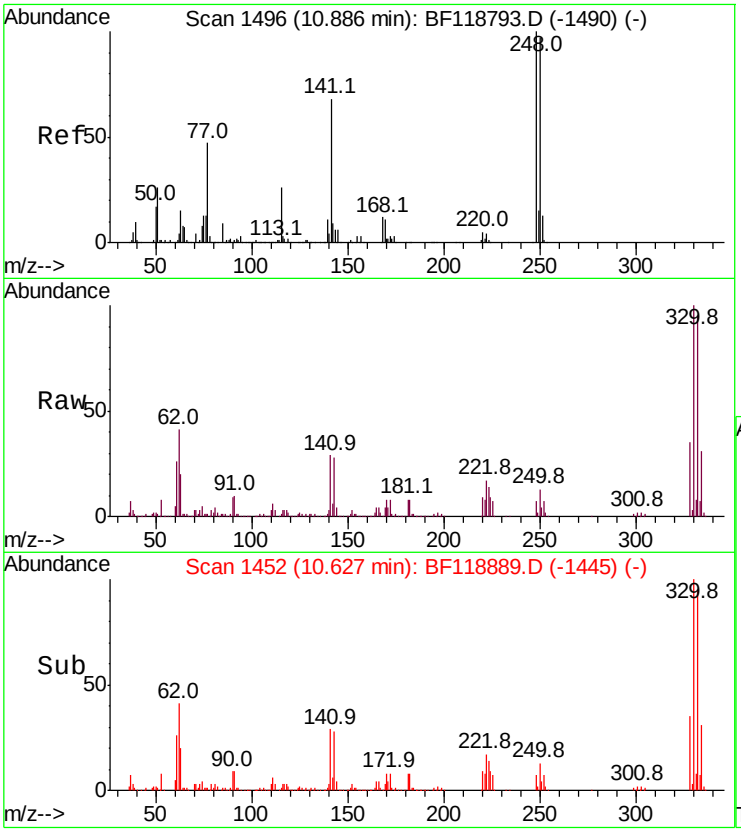


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Tgt Ion:188 Resp: 1006133

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



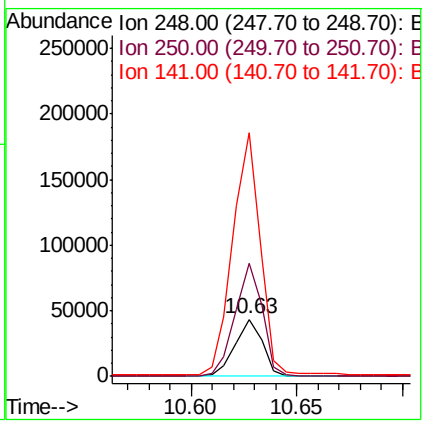


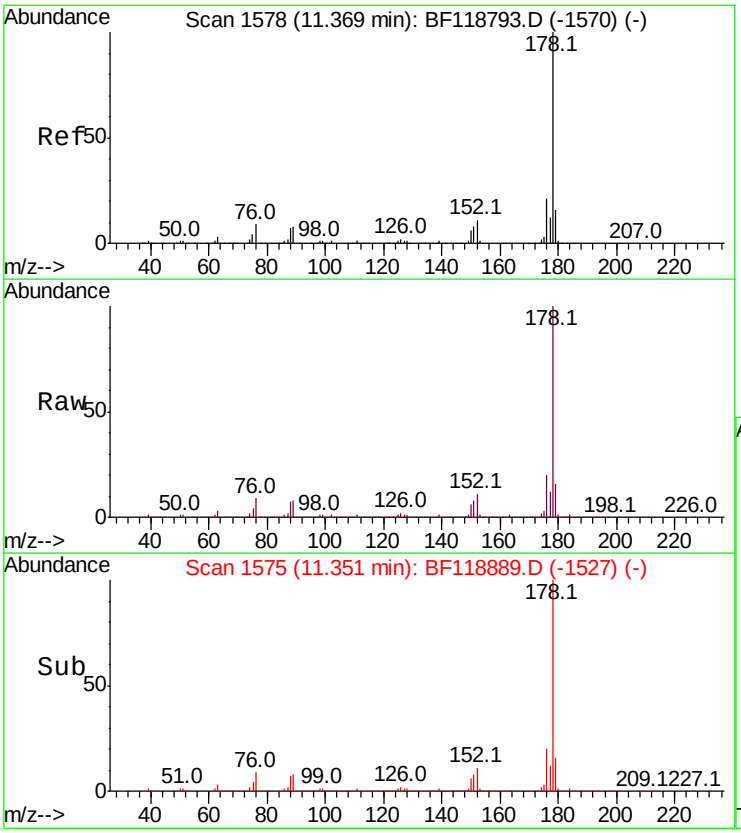
#67
4-Bromophenyl-phenylether
Concen: 3.273 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.26 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Instrument :
BNA_F
ClientSampleId :
TP7-EP1-1.5

Tgt Ion:248 Resp: 38955

Ion	Ratio	Lower	Upper
248	100		
250	197.4	77.6	116.4#
141	426.5	54.4	81.6#

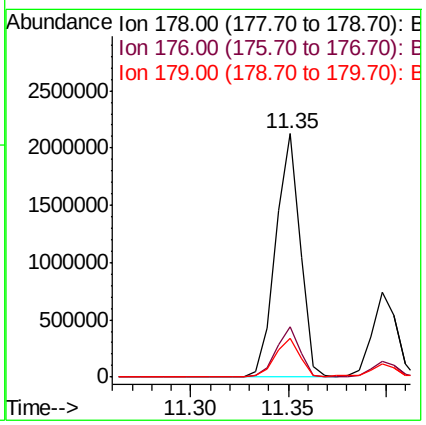


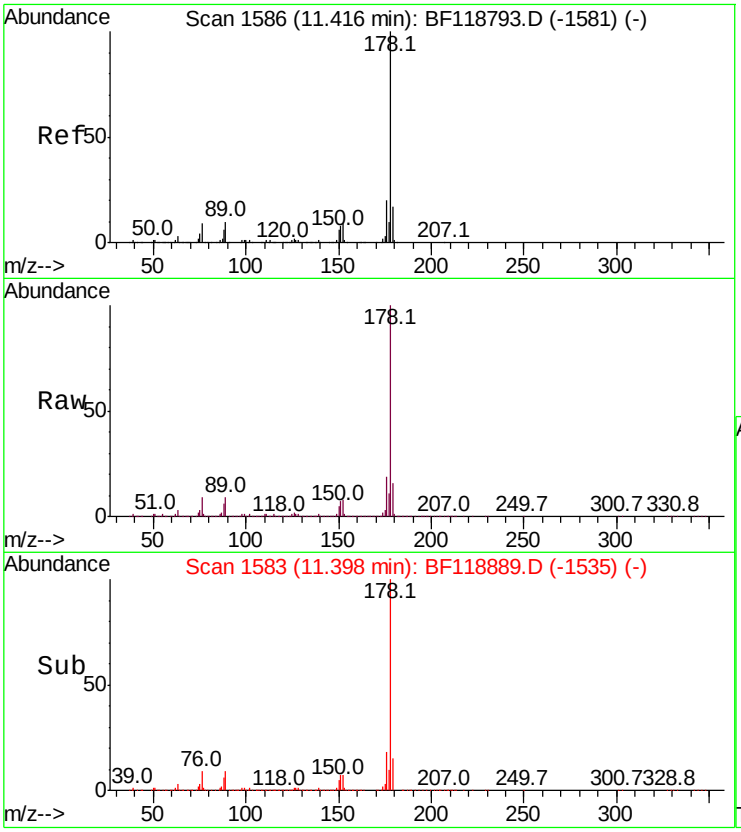


#71
Phenanthrene
Concen: 37.197 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Tgt Ion:178 Resp: 1841360

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.6	24.8
179	16.2	13.2	19.8



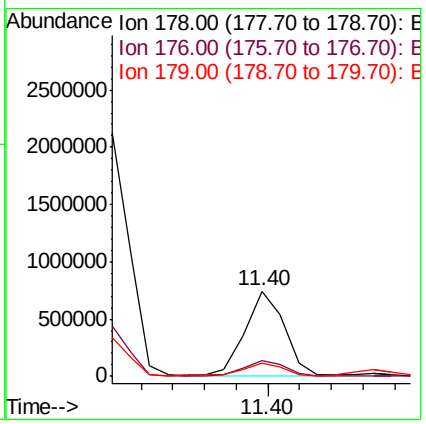


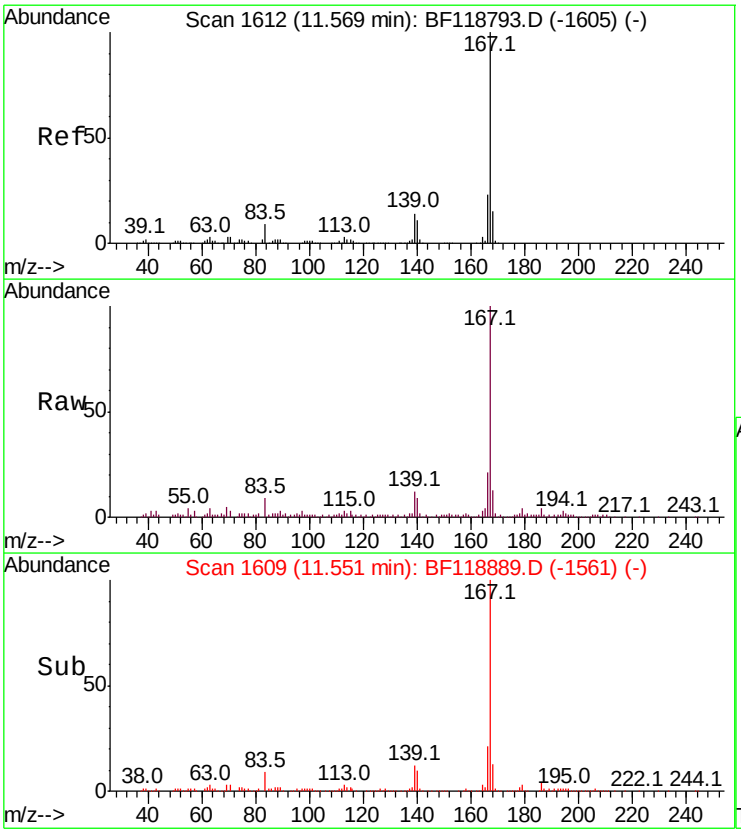
#72
Anthracene
Concen: 12.786 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Instrument :
BNA_F
ClientSampleId :
TP7-EP1-1.5

Tgt Ion:178 Resp: 629690

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.2
179	15.6	13.4	20.2

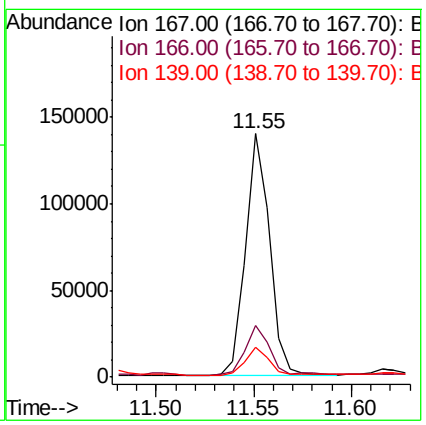


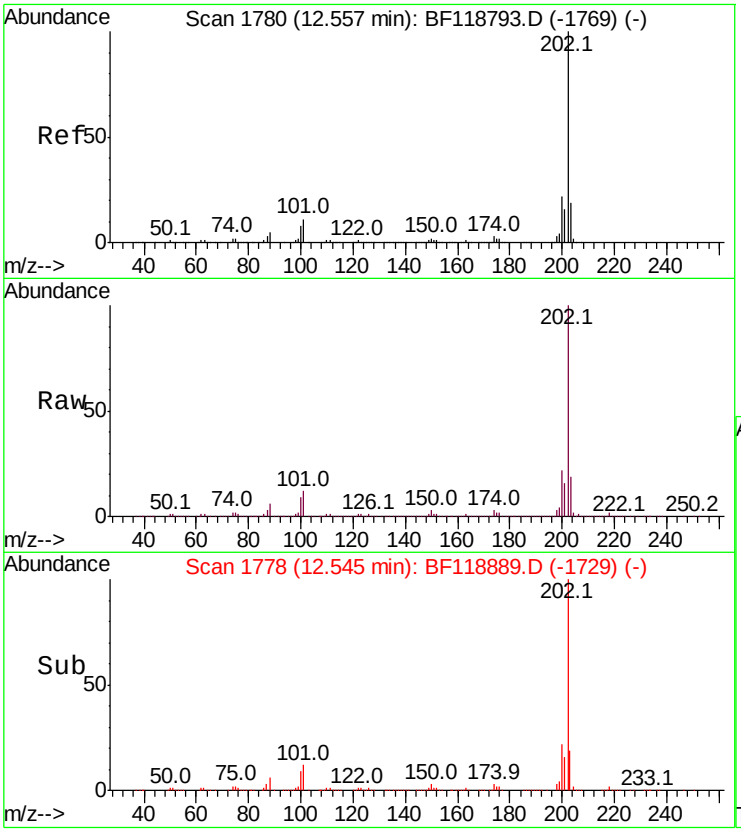


#73
Carbazole
Concen: 2.773 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.02 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Tgt Ion:167 Resp: 119859

Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.4	27.6
139	12.4	11.1	16.7



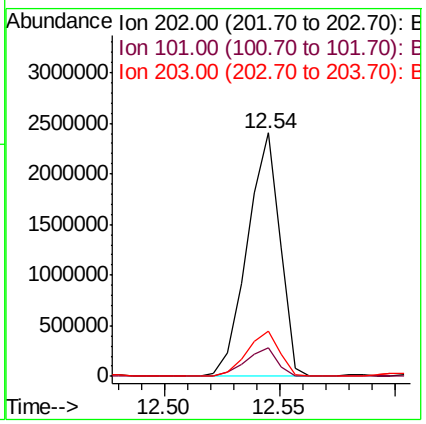


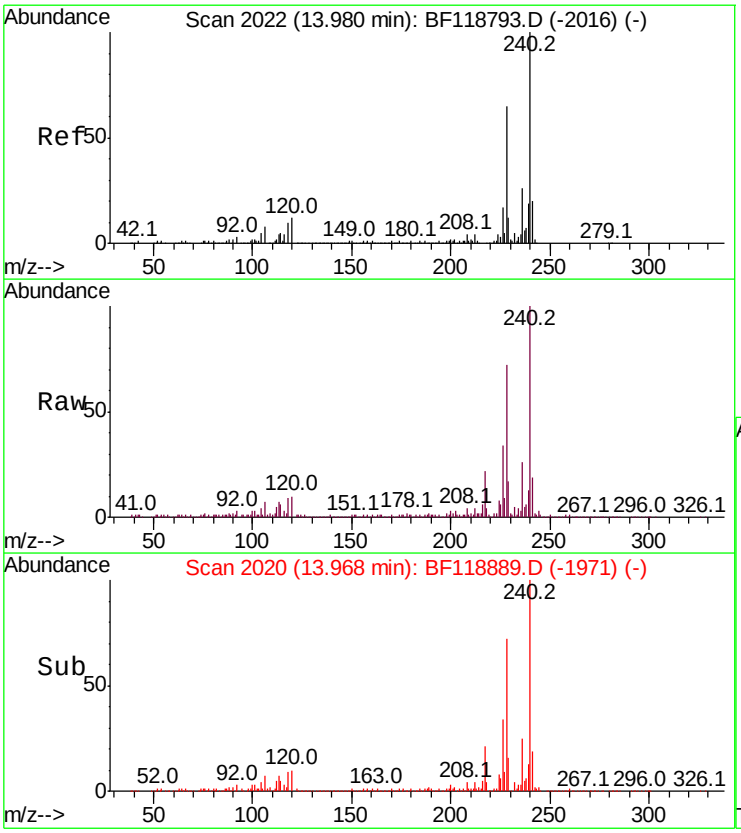
#75
Fluoranthene
Concen: 44.029 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Instrument :
BNA_F
ClientSampleId :
TP7-EP1-1.5

Tgt Ion:202 Resp: 2379733

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.0
203	18.7	0.0	38.7

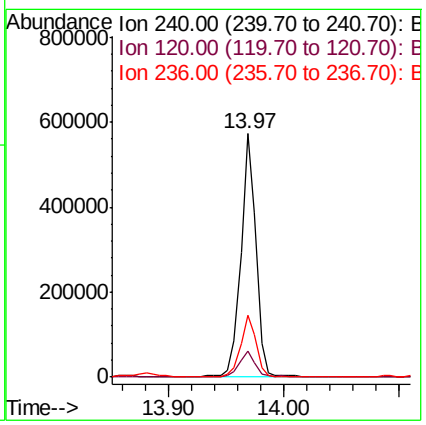


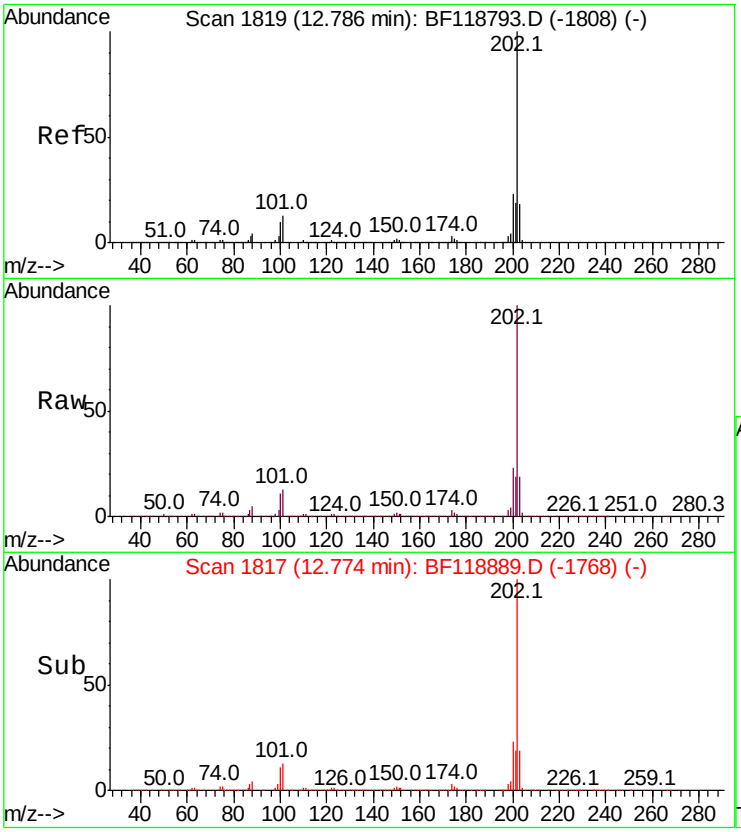


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Tgt Ion:240 Resp: 512491

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.4	14.0
236	25.6	21.0	31.6



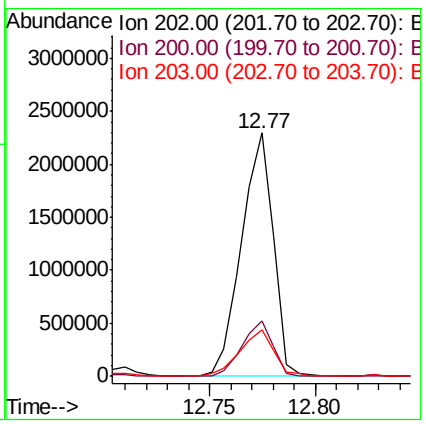


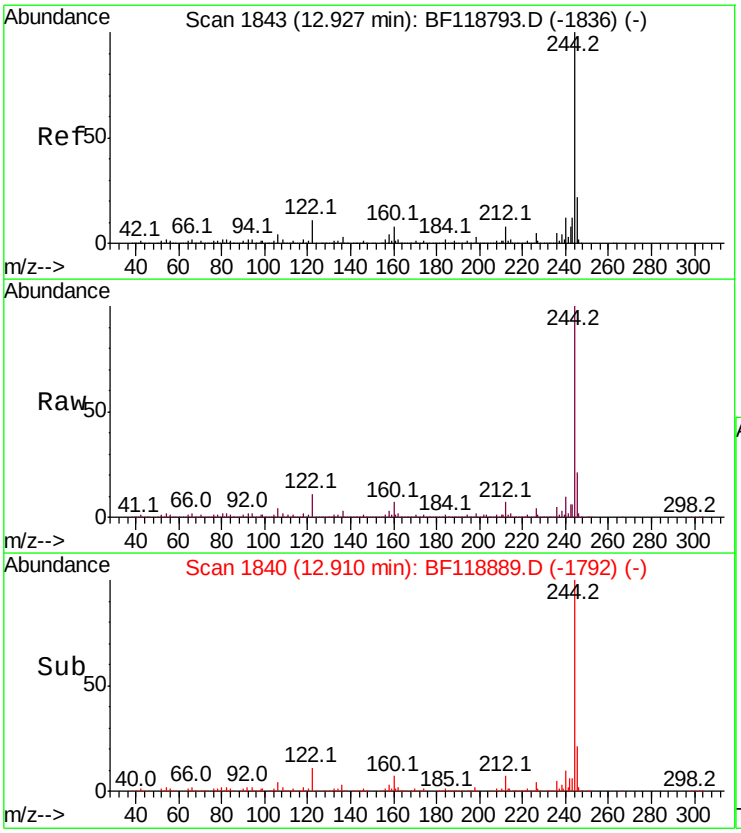
#78
Pyrene
Concen: 67.934 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Instrument :
BNA_F
ClientSampleId :
TP7-EP1-1.5

Tgt Ion:202 Resp: 2388436

Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.2	27.2
203	19.1	14.8	22.2

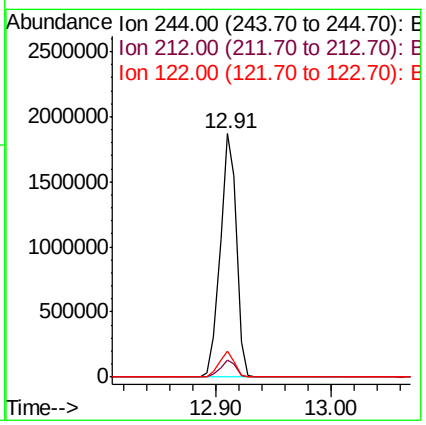


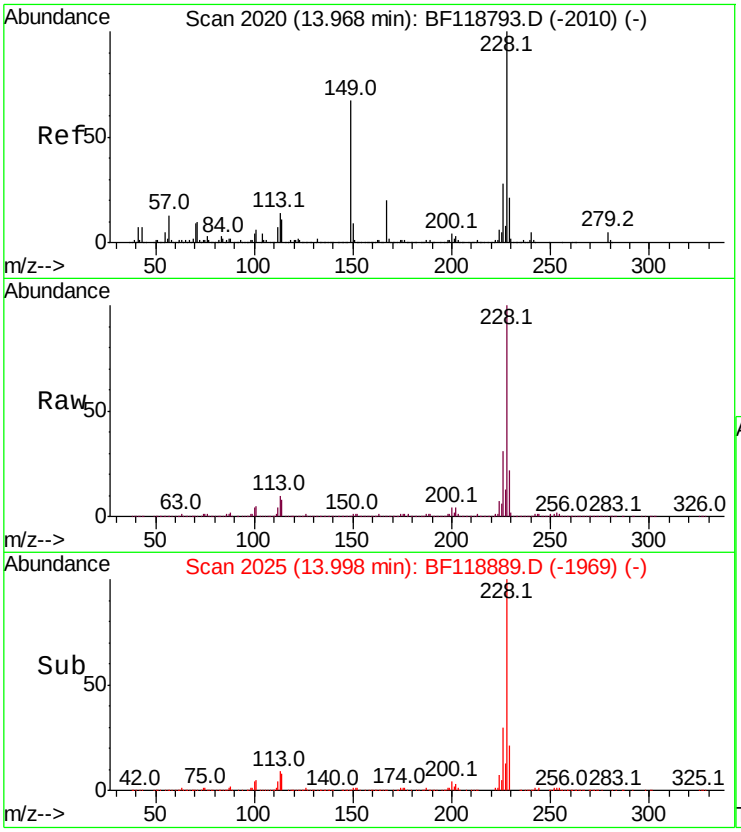


#79
Terphenyl-d14
Concen: 72.502 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.02 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Tgt Ion:244 Resp: 1808939

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	10.6	8.9	13.3



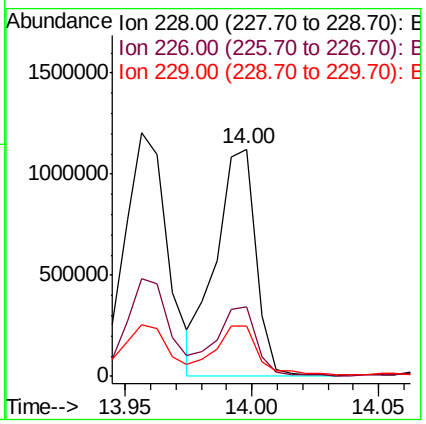


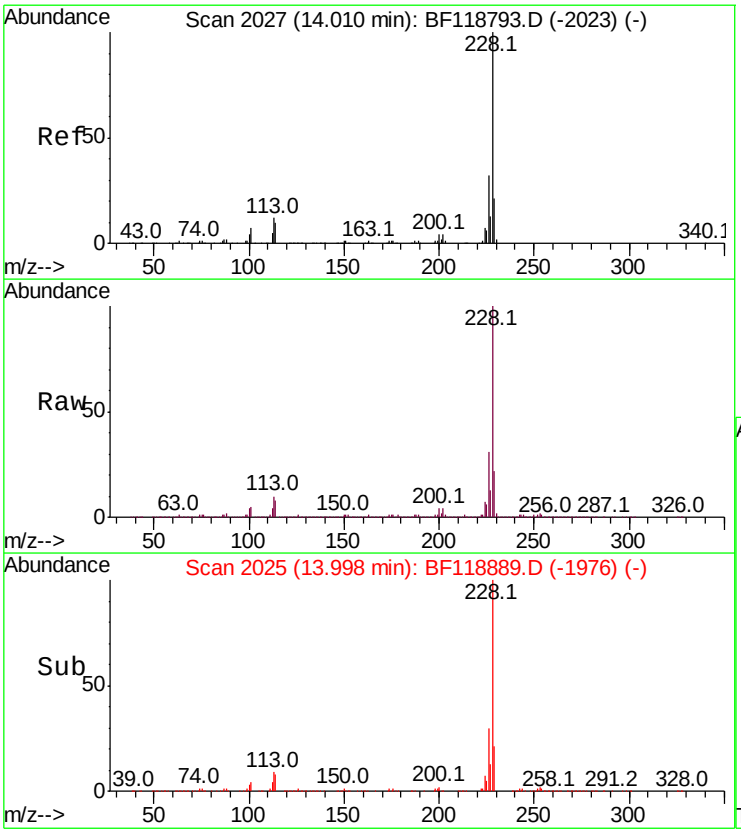
#81
Benzo(a)anthracene
Concen: 40.199 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.03 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Instrument :
BNA_F
ClientSampleId :
TP7-EP1-1.5

Tgt Ion:228 Resp: 1225922

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.7	34.1
229	22.2	16.6	25.0

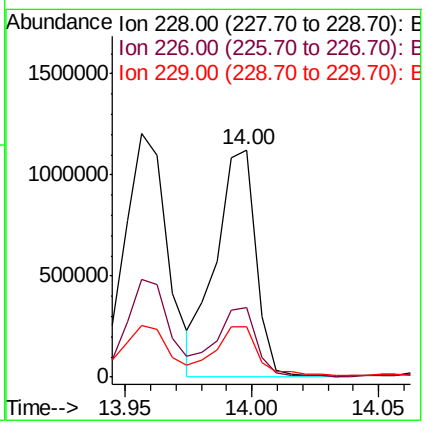


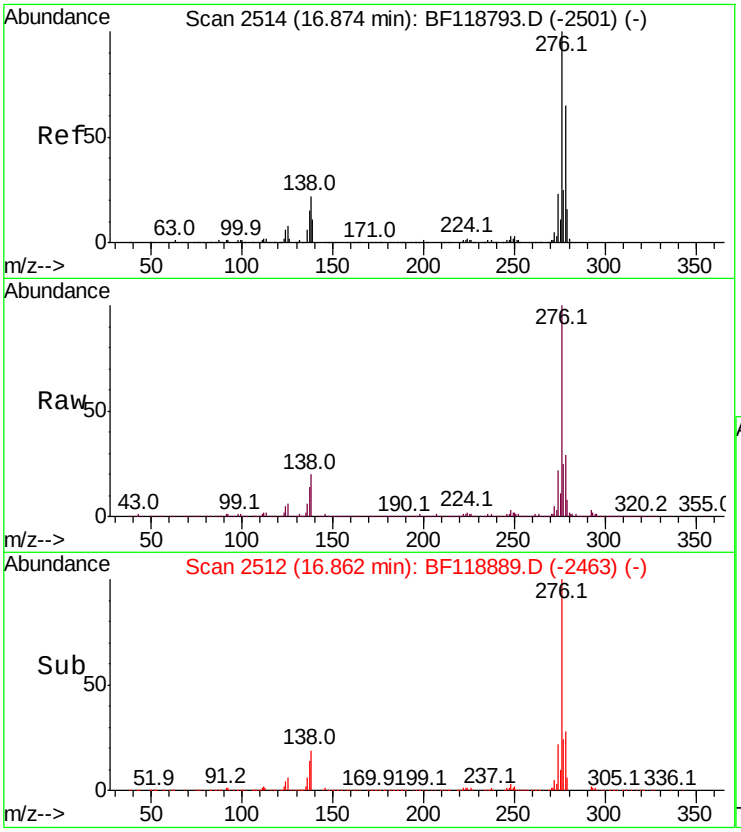


#83
Chrysene
Concen: 40.053 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Tgt Ion:228 Resp: 1225922

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.0
229	22.2	16.9	25.3



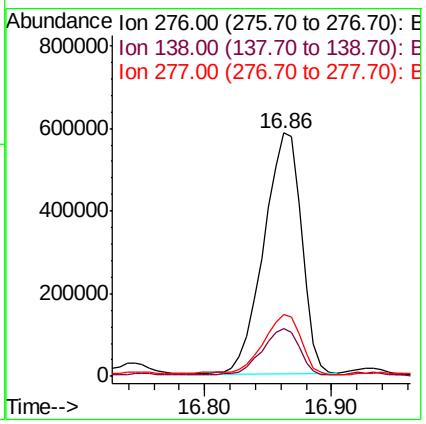


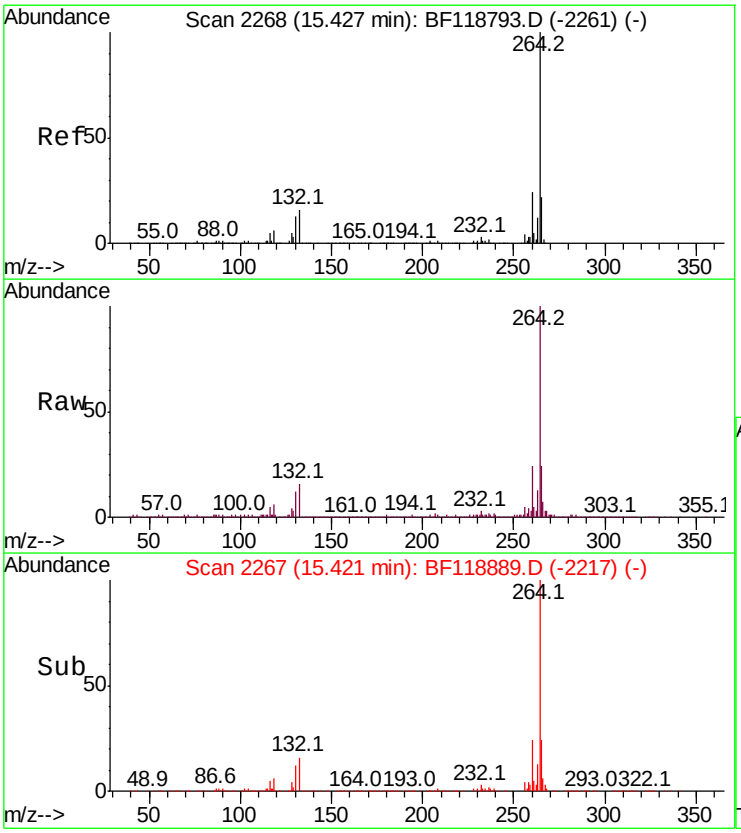
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.058 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Instrument :
BNA_F
ClientSampleId :
TP7-EP1-1.5

Tgt Ion:276 Resp: 1201135

Ion	Ratio	Lower	Upper
276	100		
138	19.3	18.3	27.5
277	25.8	20.2	30.4

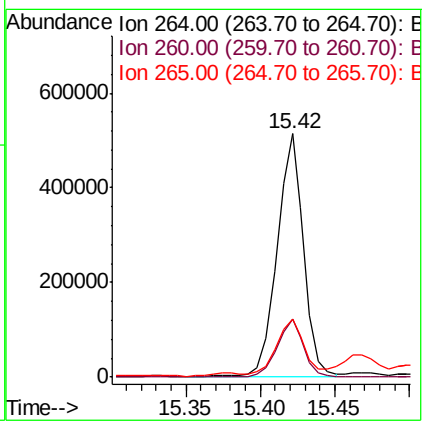


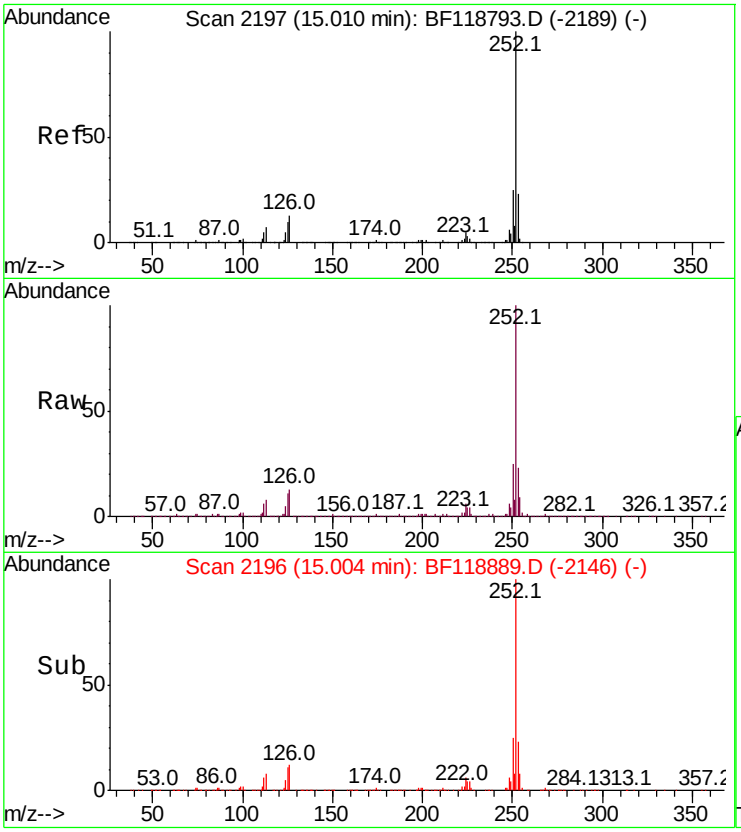


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Tgt Ion:264 Resp: 632528

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	24.1	17.2	25.8



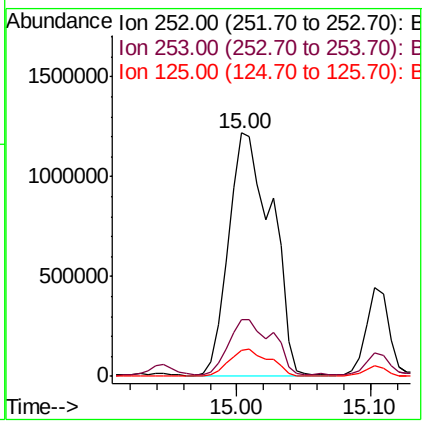


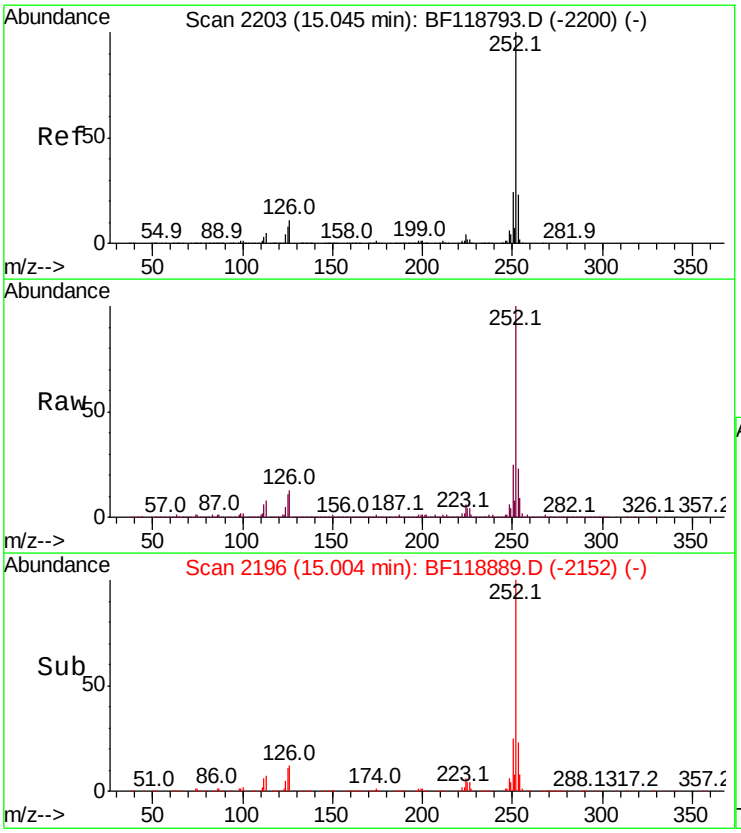
#88
Benzo(b)fluoranthene
Concen: 69.728 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Instrument :
BNA_F
ClientSampleId :
TP7-EP1-1.5

Tgt Ion:252 Resp: 2736778

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	10.9	8.1	12.1

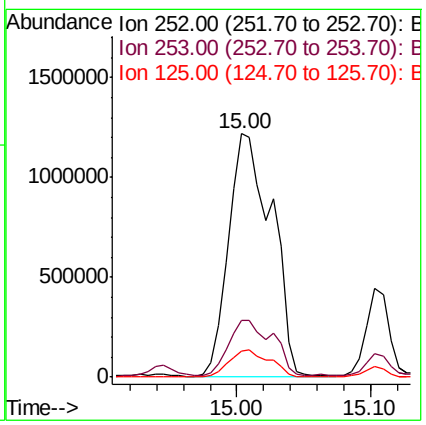


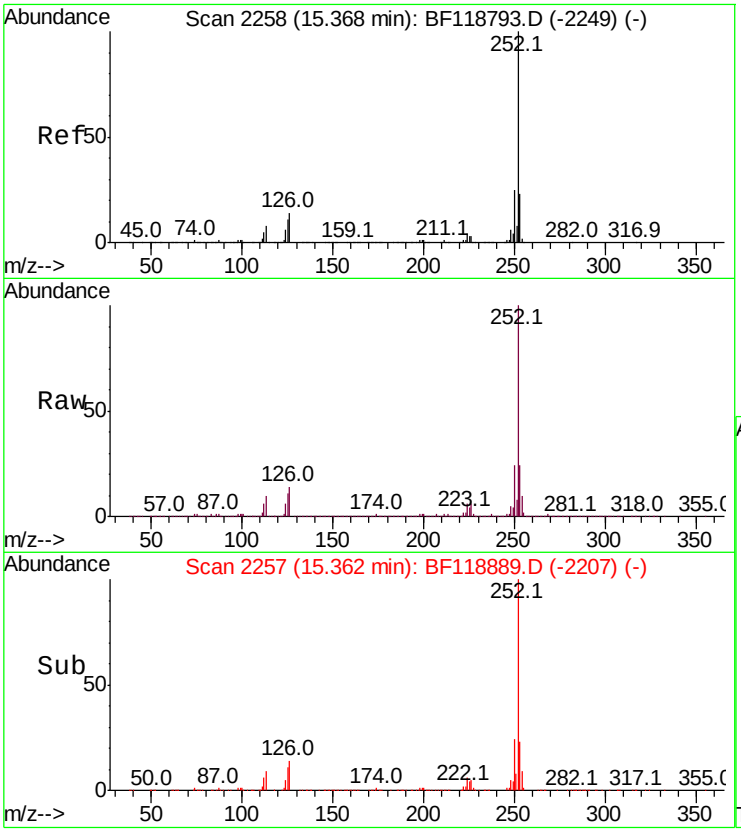


#89
Benzo(k)fluoranthene
Concen: 80.073 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Tgt Ion:252 Resp: 2736778

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	10.9	7.0	10.6#



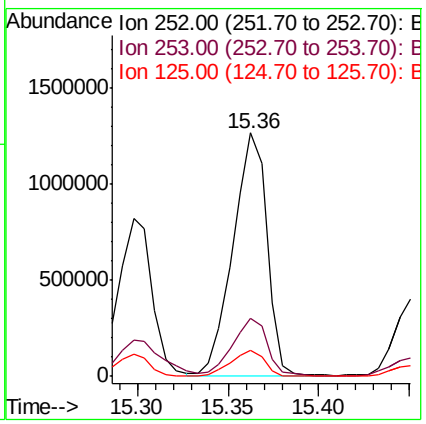


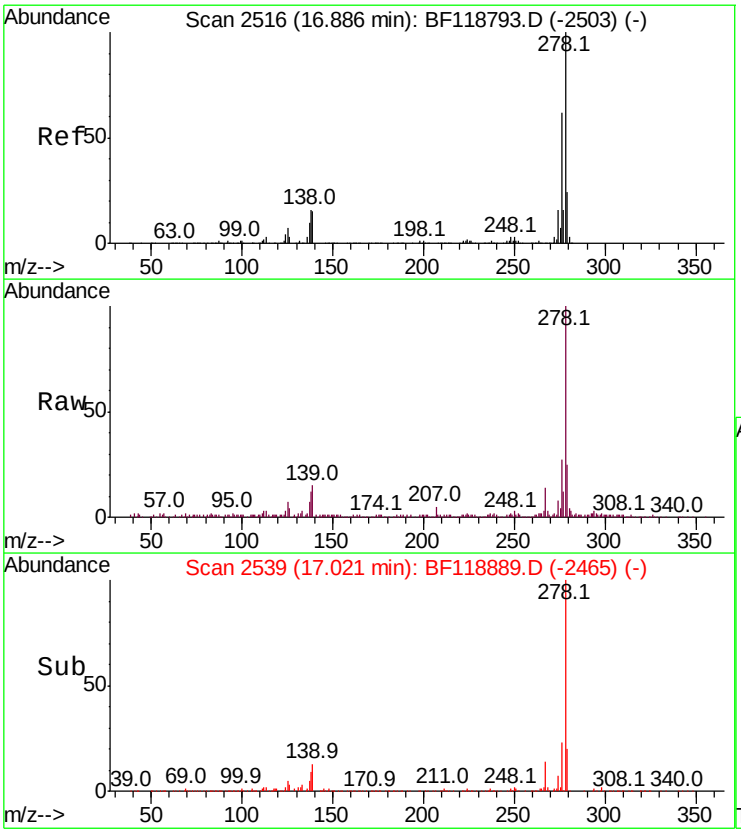
#90
Benzo(a)pyrene
Concen: 48.651 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Instrument :
BNA_F
ClientSampleId :
TP7-EP1-1.5

Tgt Ion:252 Resp: 1634204

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.1	27.1
125	10.8	8.7	13.1

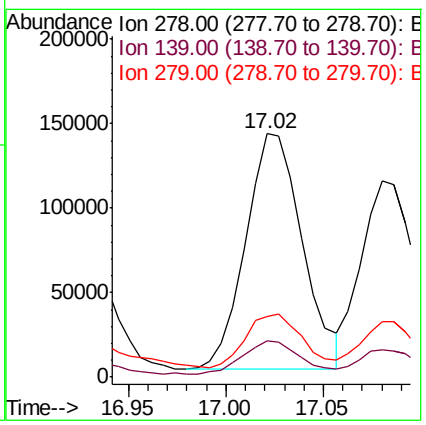


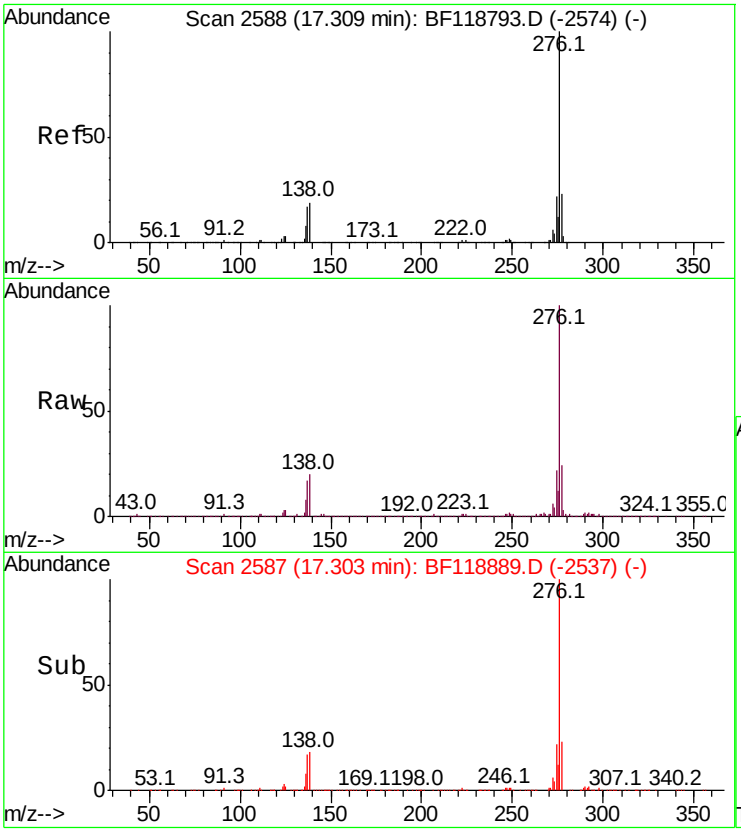


#91
Dibenzo(a,h)anthracene
Concen: 9.357 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.14 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Tgt Ion:278 Resp: 279005

Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.3	18.5
279	25.1	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 40.300 ng
RT: 17.30 min Scan# 2587
Delta R.T. -0.01 min
Lab File: BF118889.D
Acq: 11 Feb 2020 17:40

Instrument :
BNA_F
ClientSampleId :
TP7-EP1-1.5

Tgt Ion:276 Resp: 1155680

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.7	28.1
138	19.8	15.4	23.2