Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
Data File : BF118866.D
Acq On : 10 Feb 2020 12:36
Operator : CG/JU
Sample : L1468-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP11-EP2-3

Quant Time: Feb 11 00:13:54 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	6.82	152	208657	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	763647	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	447466	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	837642	20.00	ng	0.00
76) Chrysene-d12	13.98	240	680442	20.00	ng	0.00
87) Perylene-d12	15.42	264	648833	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1100944	99.88	ng	0.00
7) Phenol-d6	6.45	99	1354318	98.98	ng	0.00
23) Nitrobenzene-d5	7.37	82	886328	69.18	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	504651	94.26	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1788725	71.46	ng	-0.01
79) Terphenyl-d14	12.92	244	2223324	67.12	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.36	77	500	Below Cal	#	80
19) n-Nitroso-di-n-propylamine	7.37	70	120681	14.414	ng	# 77
25) Isophorone	7.37	82	886317	38.493	ng	# 63
31) Naphthalene	8.12	128	546526	15.648	ng	97
33) 4-Chloroaniline	8.12	127	70626	4.520	ng	# 33
37) 2-Methylnaphthalene	8.81	142	209999	8.669	ng	98
38) 1-Methylnaphthalene	8.90	142	179608	7.882	ng	99
46) 1,1'-Biphenyl	9.27	154	83837	2.709	ng	96
49) Acenaphthylene	9.71	152	270769	7.288	ng	98
50) Dimethylphthalate	9.56	163	78499	2.576	ng	98
51) 2,6-Dinitrotoluene	9.85	165	69260	9.935	ng	# 31
52) Acenaphthene	9.88	154	252254	10.303	ng	99
55) Dibenzofuran	10.05	168	467589	13.215	ng	97
56) 4-Nitrophenol	10.05	139	166907	29.828	ng	# 11
58) Fluorene	10.39	166	497094	18.675	ng	99
67) 4-Bromophenyl-phenylether	10.64	248	34003	3.432	ng	# 1
71) Phenanthrene	11.37	178	4923901	119.474	ng	97
72) Anthracene	11.42	178	1403060	34.221	ng	98
73) Carbazole	11.56	167	646180	17.959	ng	98
75) Fluoranthene	12.56	202	4721363	104.925	ng	98
78) Pyrene	12.79	202	4267607	91.422	ng	96
81) Benzo(a)anthracene	13.97	228	2289643	56.548	ng	97
83) Chrysene	14.00	228	2149420	52.891	ng	98
86) Indeno(1,2,3-cd)pyrene	16.86	276	947082	23.196	ng	95
88) Benzo(b)fluoranthene	15.01	252	2771071	68.827	ng	99
89) Benzo(k)fluoranthene	15.01	252	2771071	79.039	ng	98
90) Benzo(a)pyrene	15.37	252	1462484	42.445	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	259154	8.472	ng	96
92) Benzo(g,h,i)perylene	17.30	276	950019	32.295	ng	99

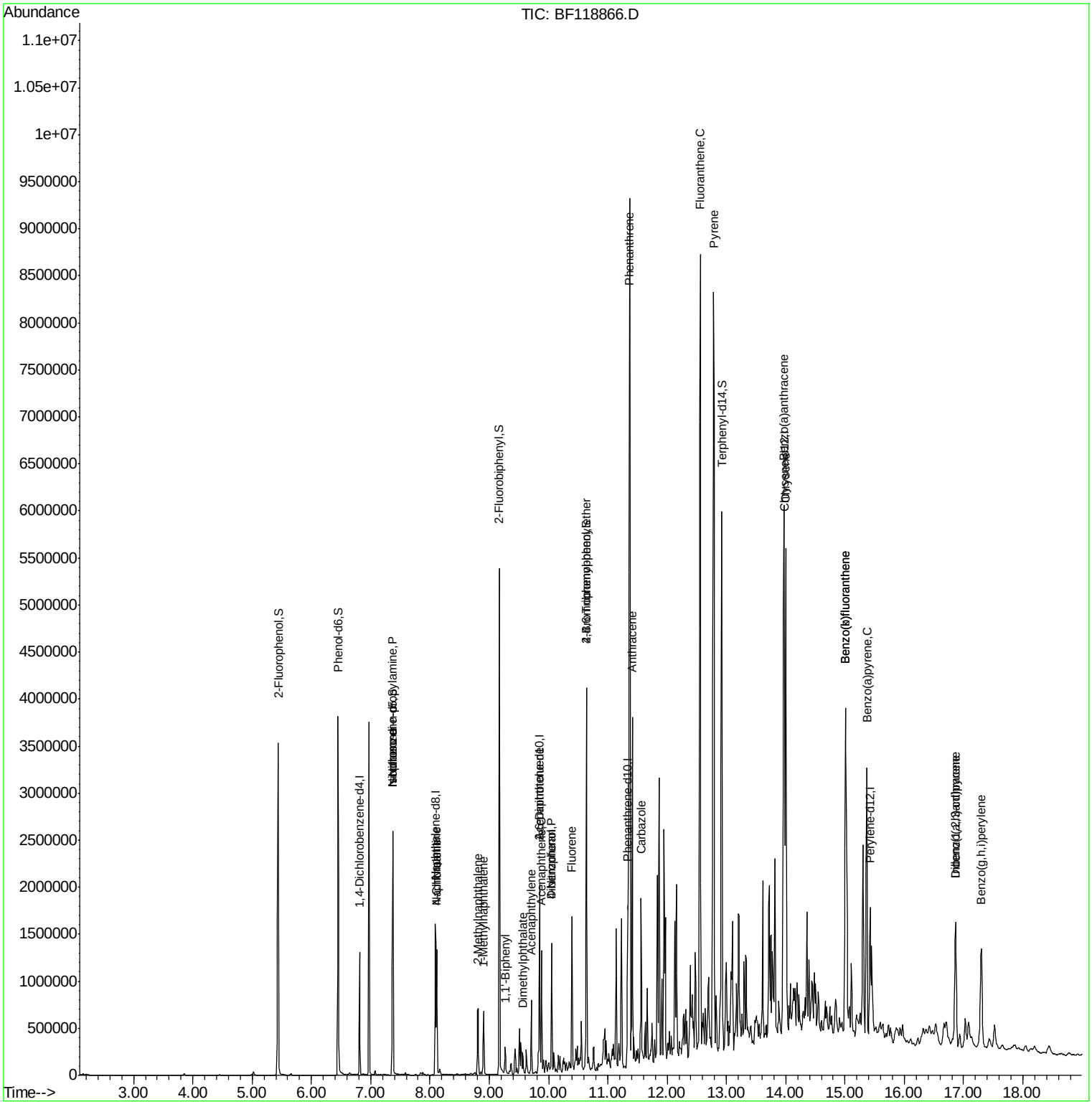
(#) = qualifier out of range (m) = manual integration (+) = signals summed

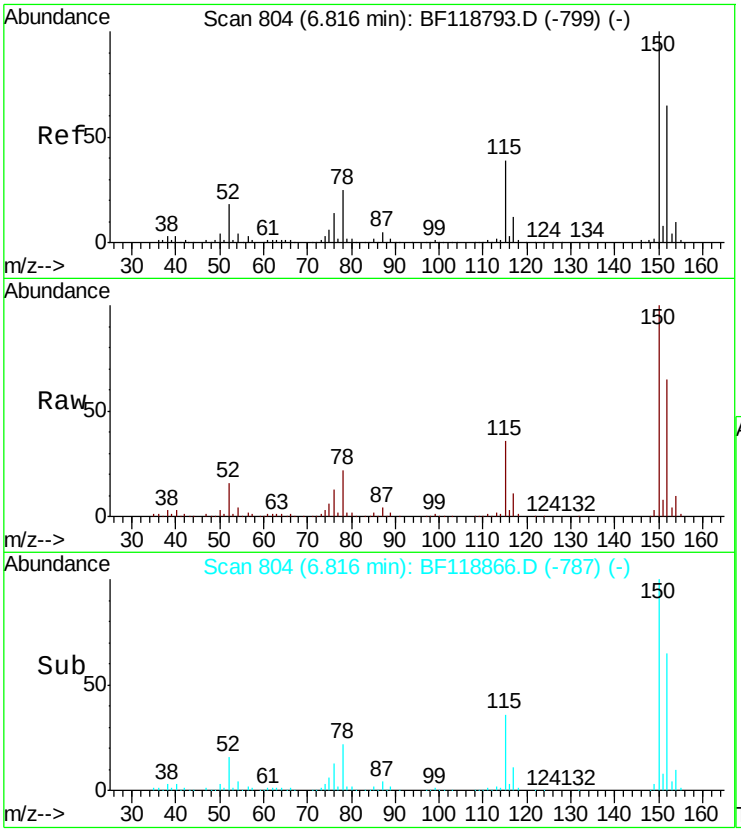
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
Data File : BF118866.D
Acq On : 10 Feb 2020 12:36
Operator : CG/JU
Sample : L1468-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP11-EP2-3

Quant Time: Feb 11 00:13:54 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



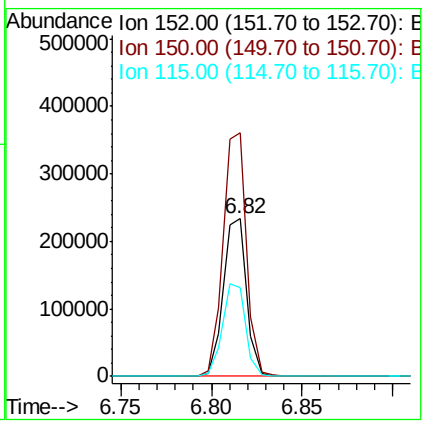


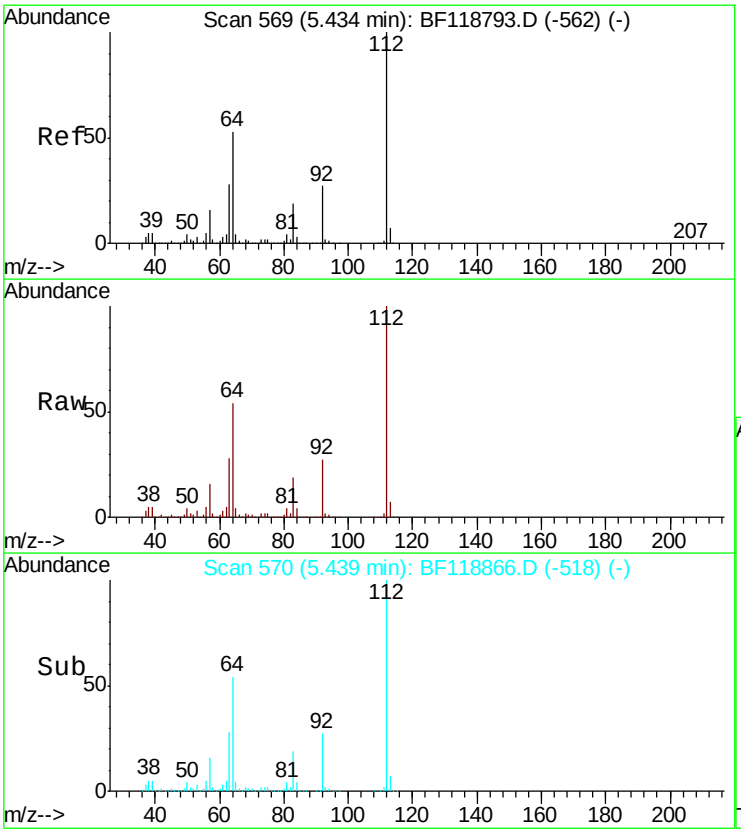
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Instrument :
BNA_F
ClientSampleId :
TP11-EP2-3

Tgt Ion:152 Resp: 208657

Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.6	185.4
115	56.5	48.2	72.2

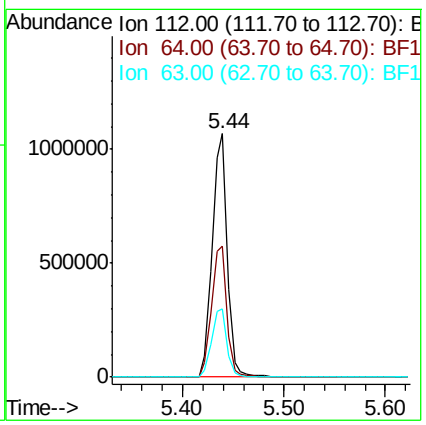


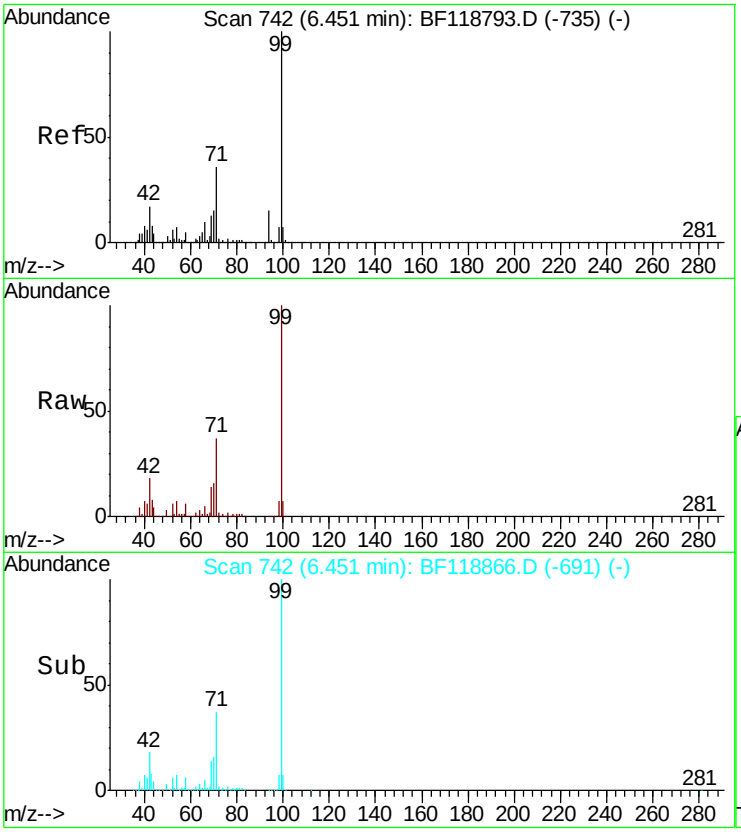


#5
2-Fluorophenol
Concen: 99.877 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Tgt Ion:112 Resp: 1100944

Ion	Ratio	Lower	Upper
112	100		
64	53.7	42.6	63.8
63	28.1	22.2	33.4



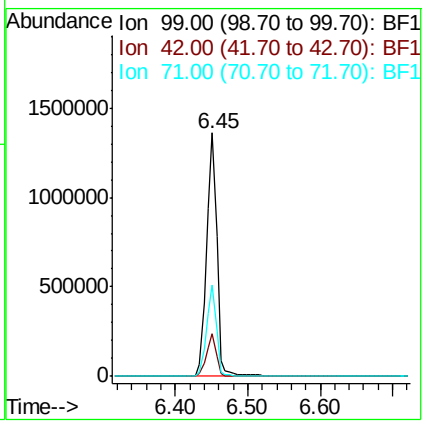


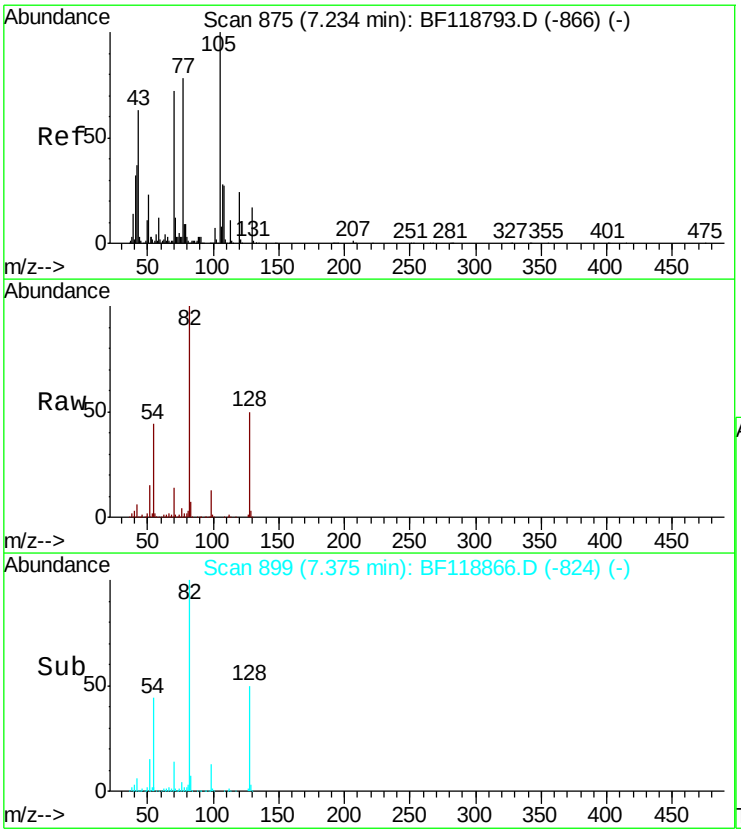
#7
Phenol-d6
Concen: 98.975 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Instrument :
BNA_F
ClientSampleId :
TP11-EP2-3

Tgt Ion: 99 Resp: 1354318

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.4	20.0
71	37.3	29.0	43.6

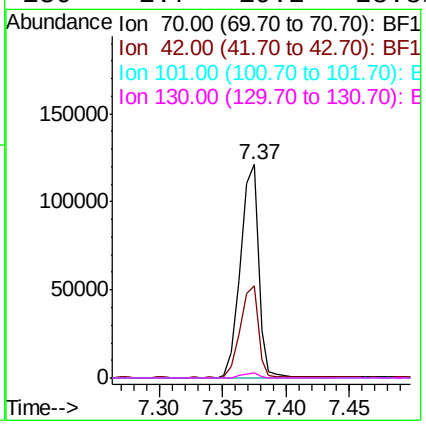


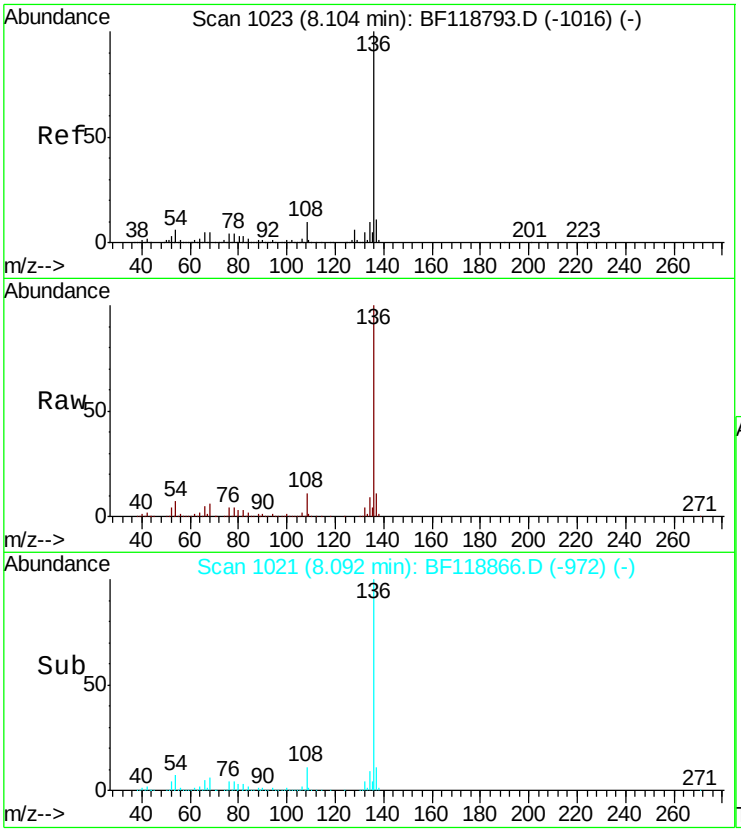


#19
n-Nitroso-di-n-propylamine
Concen: 14.414 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Tgt Ion: 70 Resp: 120681

Ion	Ratio	Lower	Upper
70	100		
42	42.9	41.5	62.3
101	0.0	8.3	12.5#
130	2.7	19.2	28.8#



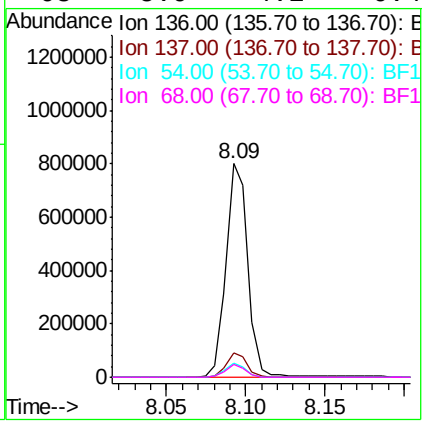


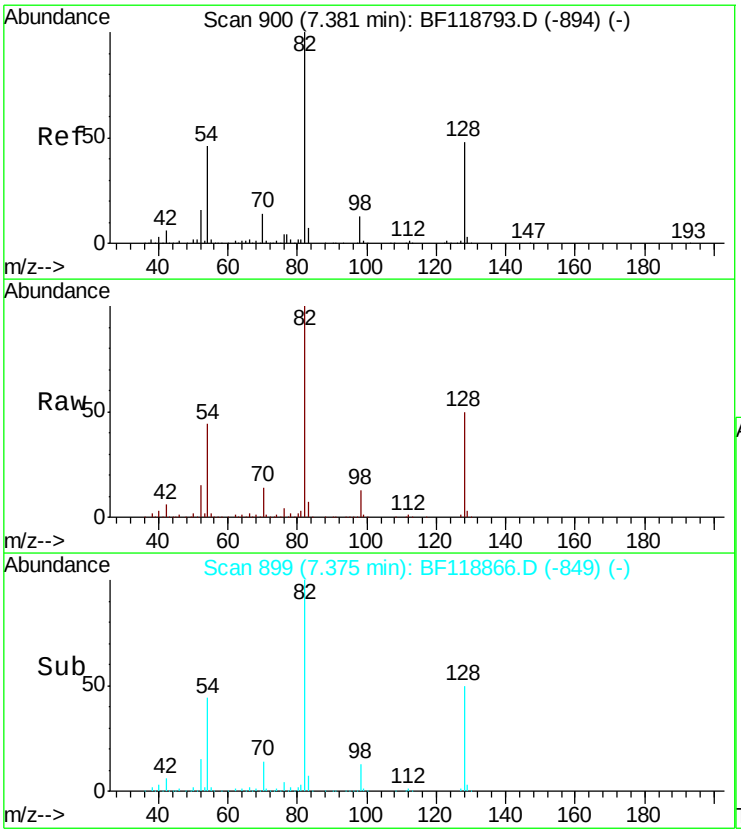
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Instrument :
BNA_F
ClientSampleId :
TP11-EP2-3

Tgt Ion:136 Resp: 763647

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	6.6	5.0	7.6
68	5.9	4.2	6.4

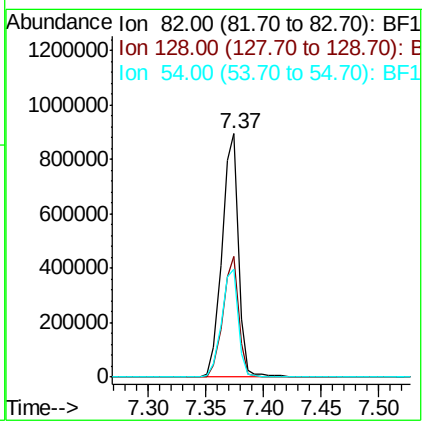


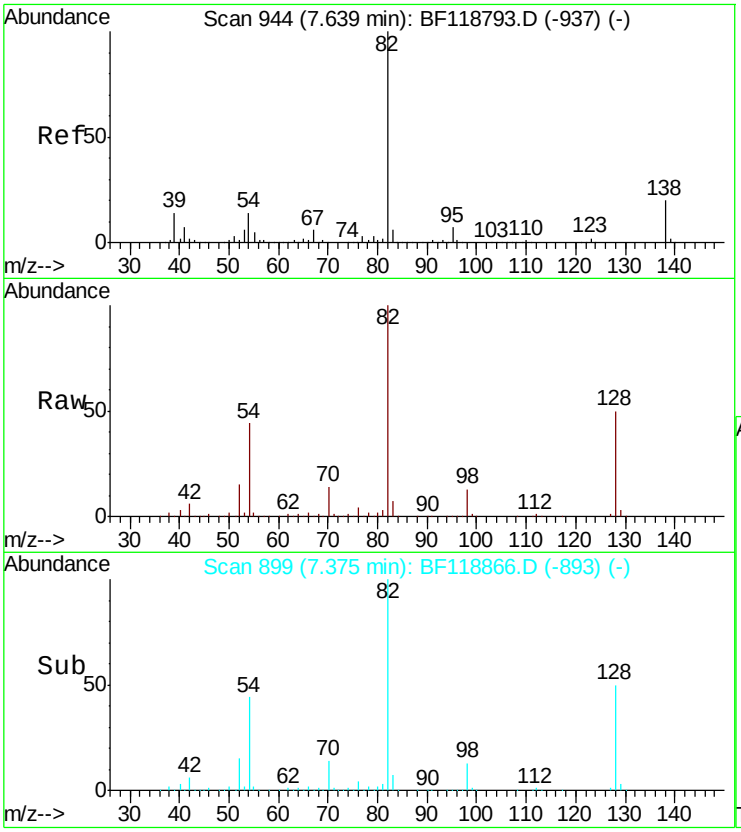


#23
Nitrobenzene-d5
Concen: 69.181 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Tgt Ion: 82 Resp: 886328

Ion	Ratio	Lower	Upper
82	100		
128	49.5	38.5	57.7
54	44.1	36.7	55.1



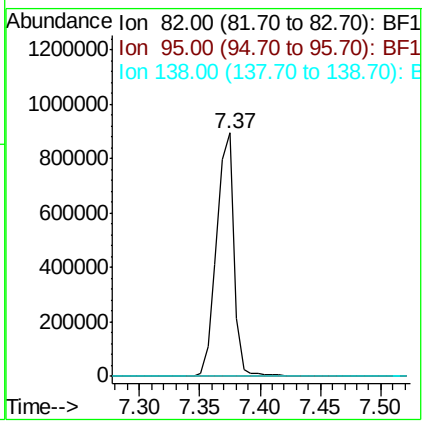


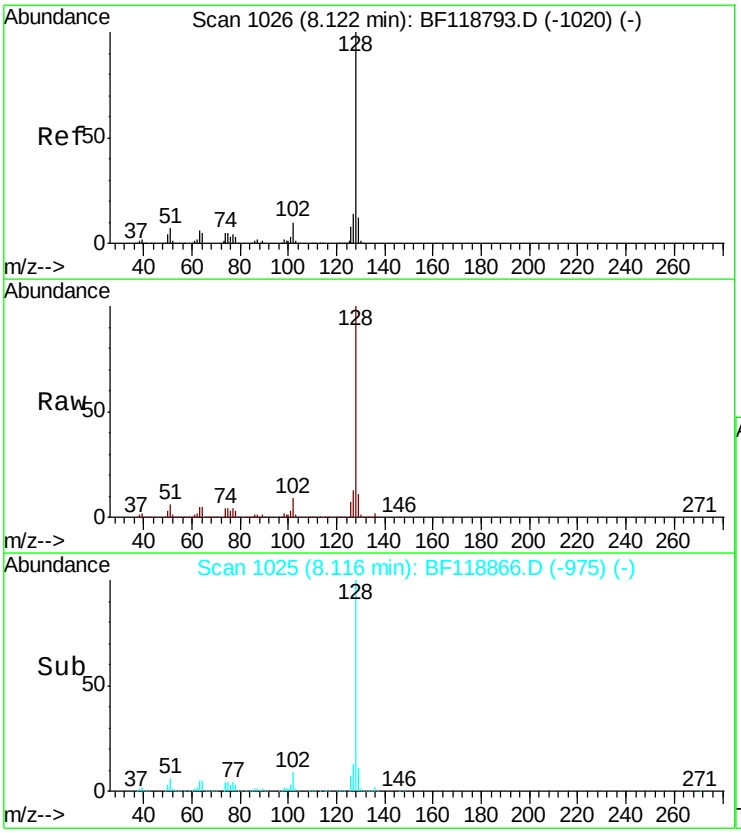
#25
Isophorone
Concen: 38.493 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Instrument :
BNA_F
ClientSampleId :
TP11-EP2-3

Tgt Ion: 82 Resp: 886317

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

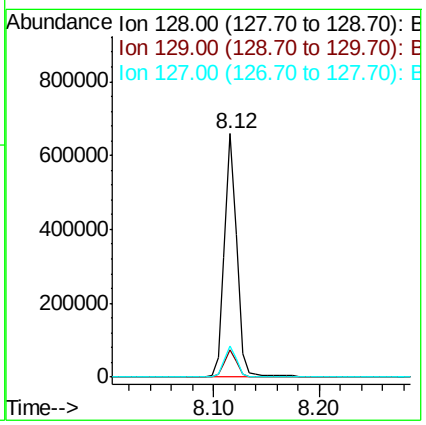


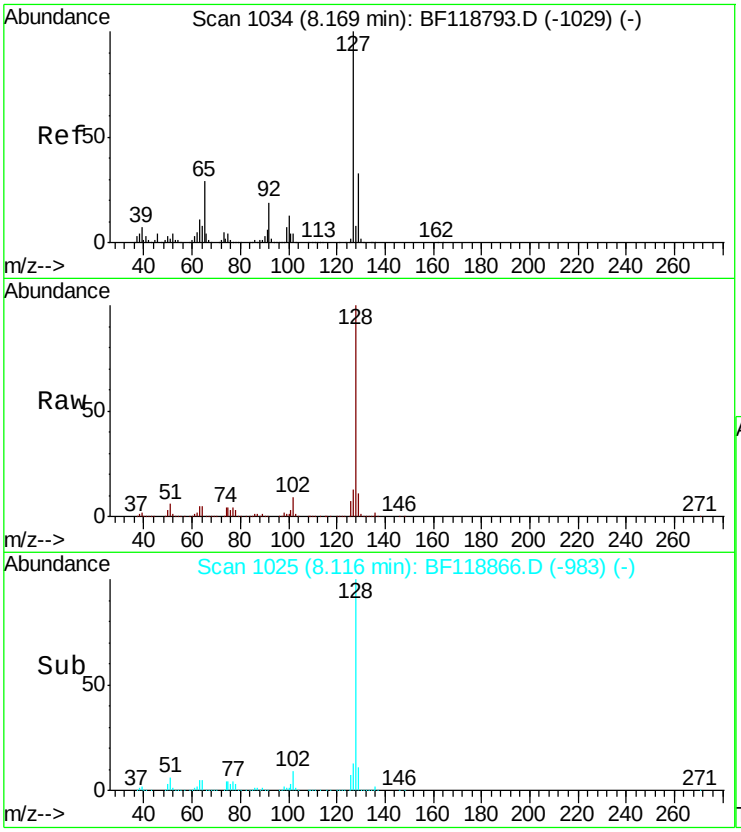


#31
Naphthalene
Concen: 15.648 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Tgt Ion:128 Resp: 546526

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	12.8	11.3	16.9



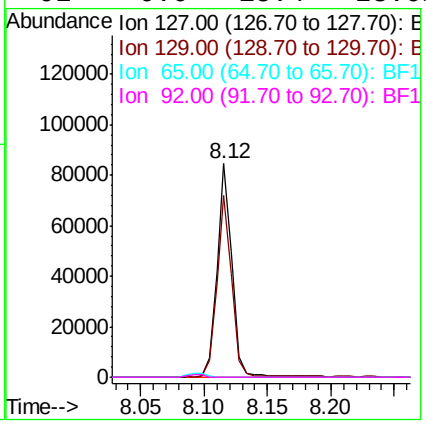


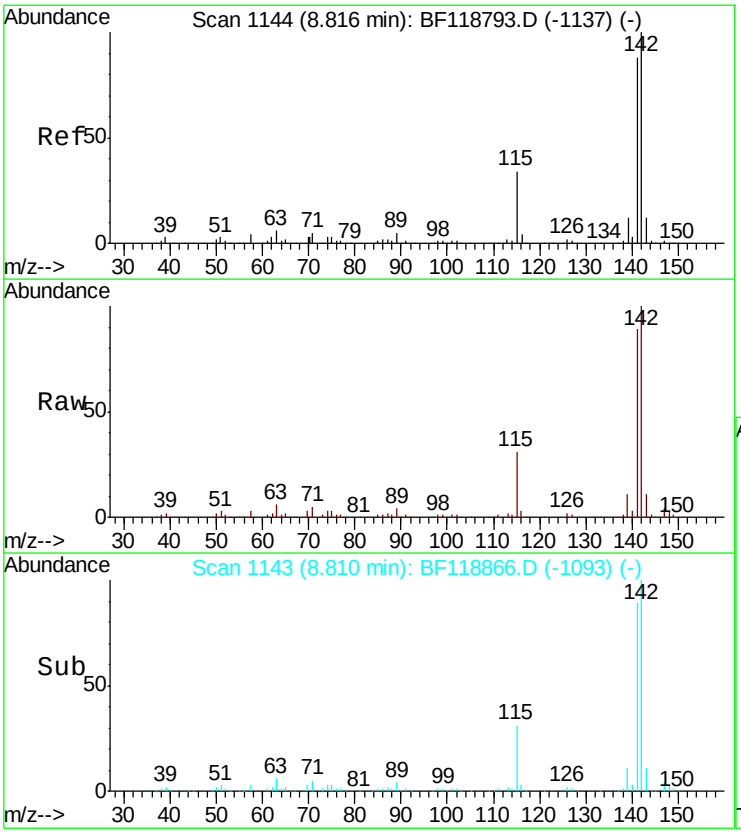
#33
4-Chloroaniline
Concen: 4.520 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.05 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Instrument : BNA_F
ClientSampleId : TP11-EP2-3

Tgt Ion:127 Resp: 70626

Ion	Ratio	Lower	Upper
127	100		
129	85.4	26.7	40.1#
65	0.0	22.9	34.3#
92	0.0	15.4	23.0#

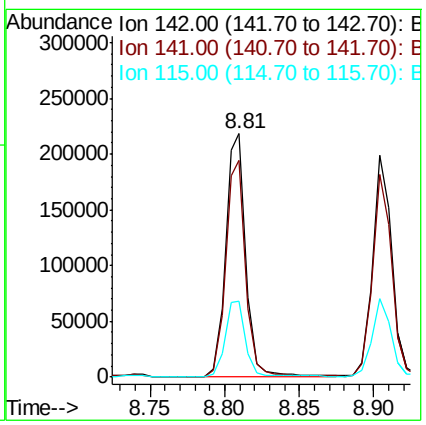


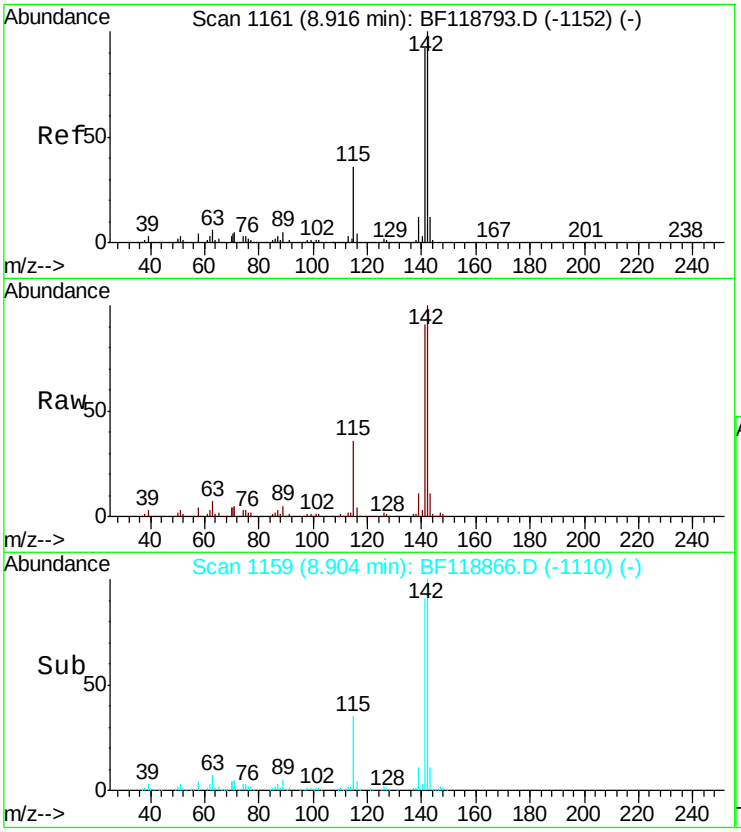


#37
2-Methylnaphthalene
Concen: 8.669 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Tgt Ion:142 Resp: 209999

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.1	105.1
115	31.3	27.3	40.9



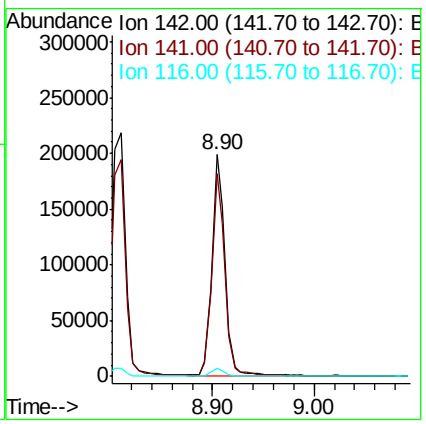


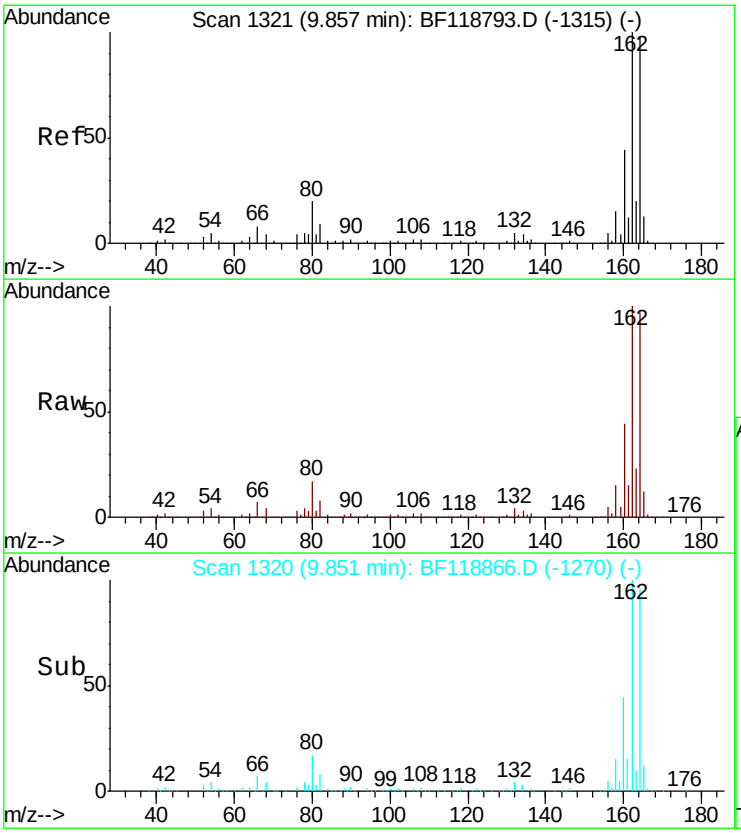
#38
1-Methylnaphthalene
Concen: 7.882 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Instrument :
BNA_F
ClientSampleId :
TP11-EP2-3

Tgt Ion:142 Resp: 179608

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.8	110.6
116	3.6	3.0	4.4

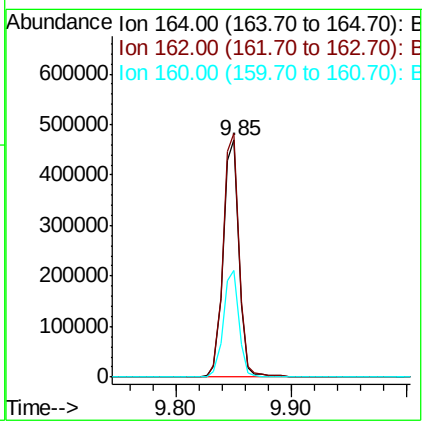


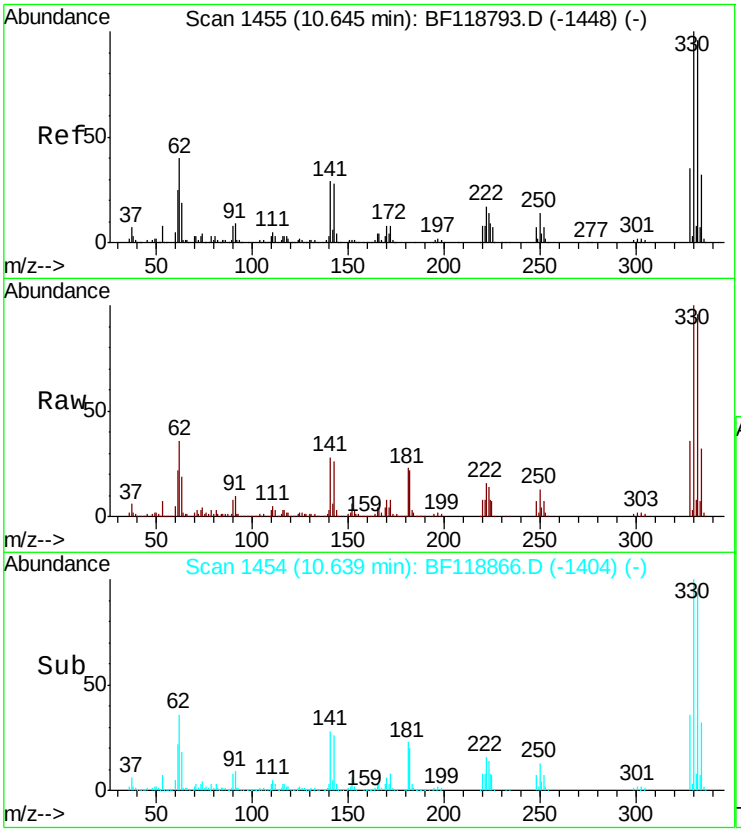


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Tgt Ion:164 Resp: 447466

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.4	122.2
160	45.0	35.6	53.4



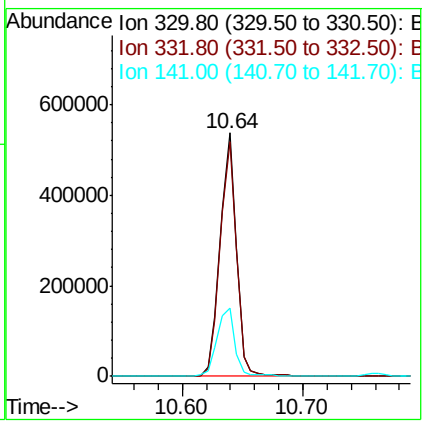


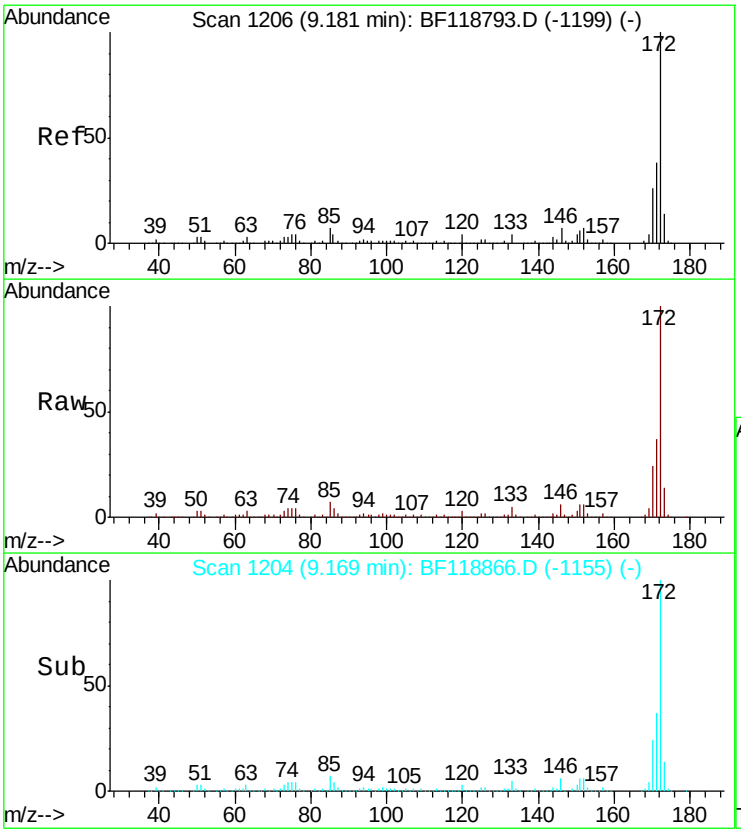
#42
2,4,6-Tribromophenol
Concen: 94.256 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Instrument :
BNA_F
ClientSampleId :
TP11-EP2-3

Tgt Ion:330 Resp: 504651

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	30.2	22.4	33.6

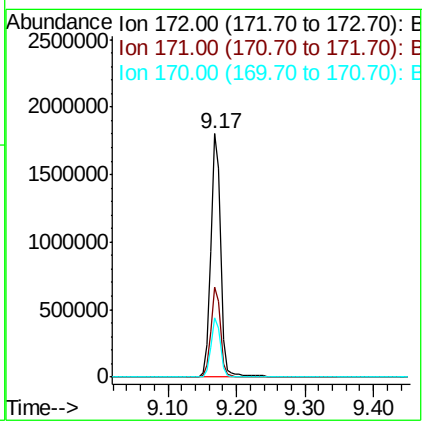


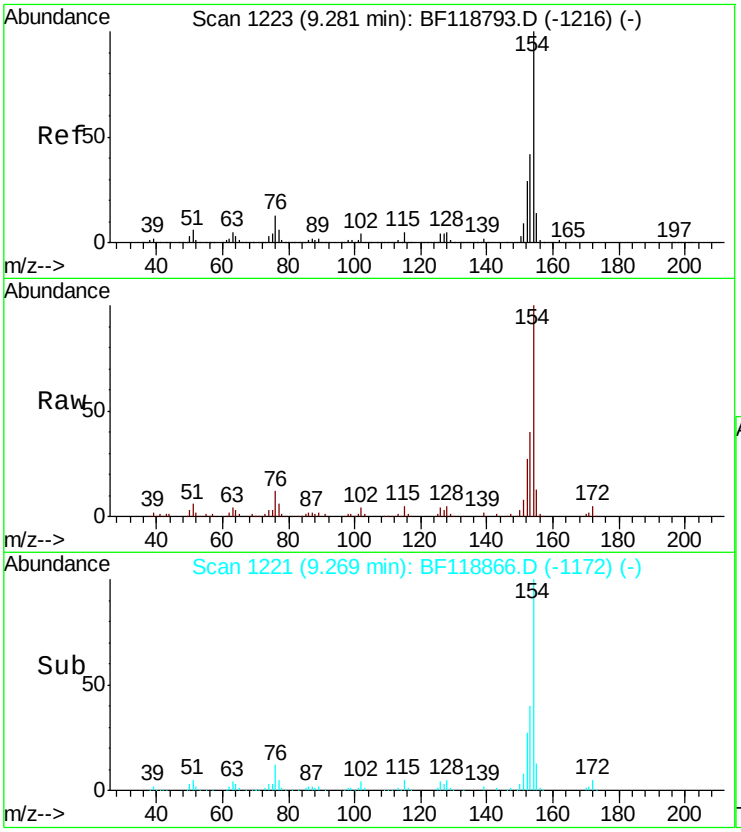


#45
2-Fluorobiphenyl
Concen: 71.462 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Tgt Ion:172 Resp: 1788725

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.8	46.2
170	24.2	20.5	30.7



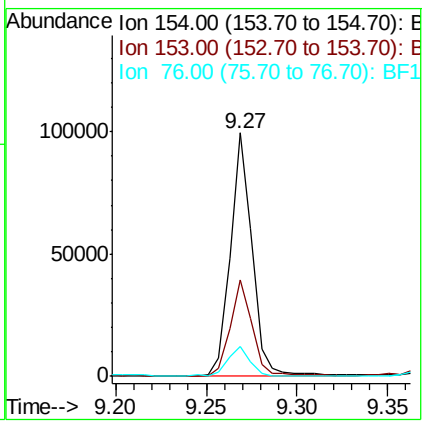


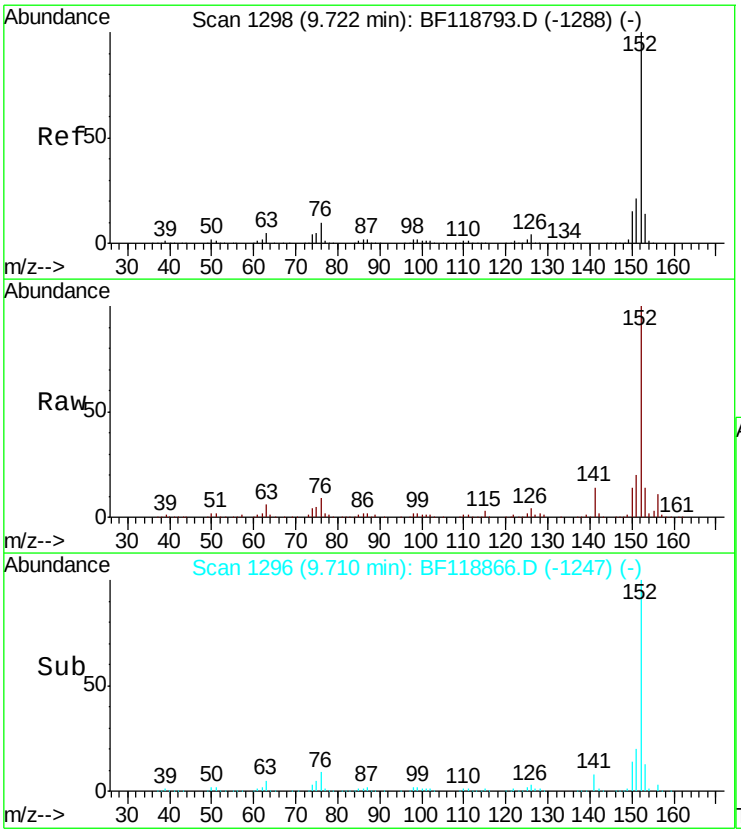
#46
1,1'-Biphenyl
Concen: 2.709 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Instrument :
BNA_F
ClientSampleId :
TP11-EP2-3

Tgt Ion:154 Resp: 83837

Ion	Ratio	Lower	Upper
154	100		
153	39.7	22.4	62.4
76	12.2	0.0	32.7

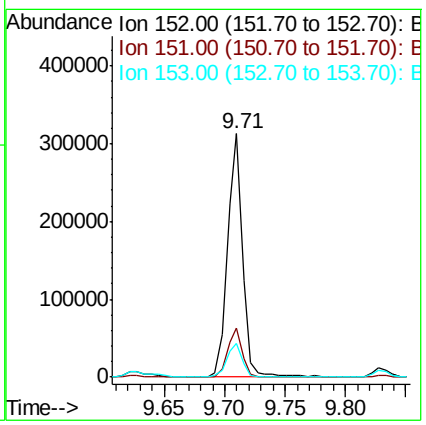


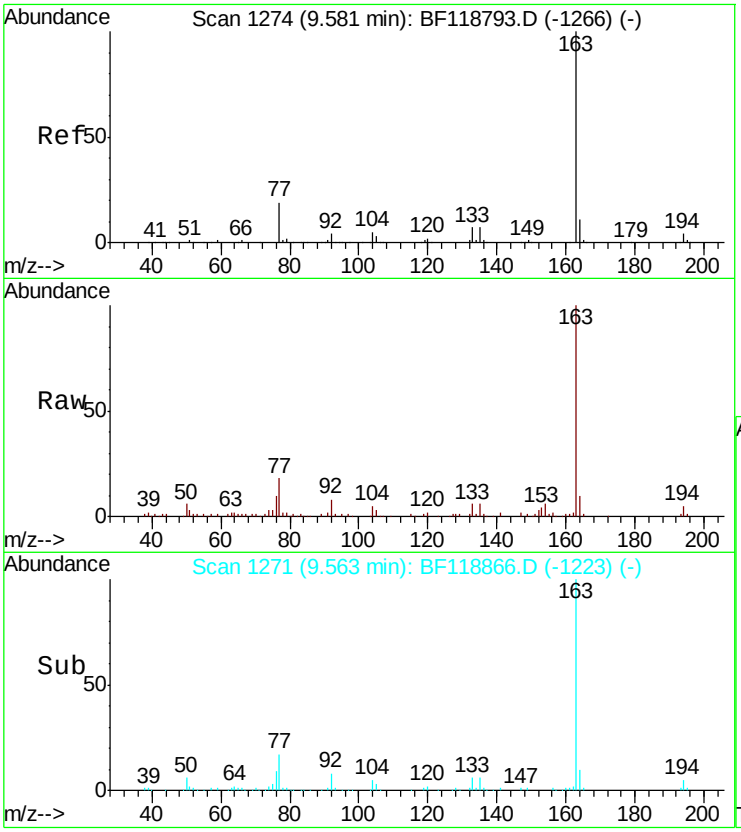


#49
Acenaphthylene
Concen: 7.288 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Tgt Ion:152 Resp: 270769

Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.1	25.7
153	14.1	11.0	16.4



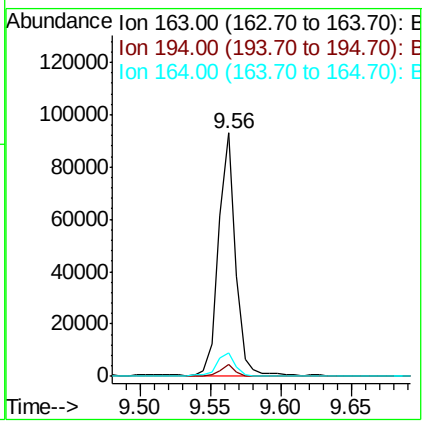


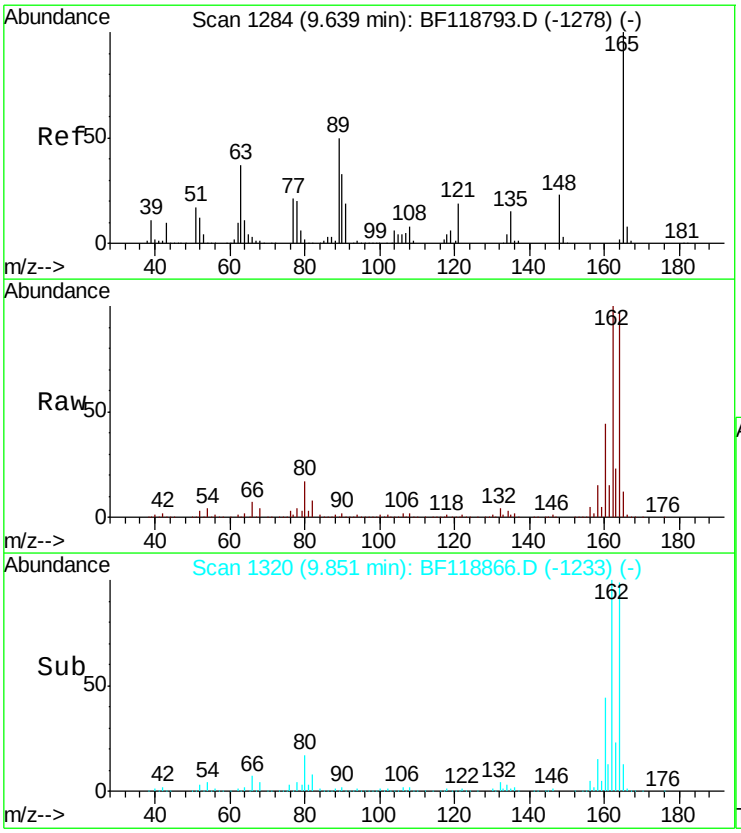
#50
Dimethylphthalate
Concen: 2.576 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Instrument :
BNA_F
ClientSampleId :
TP11-EP2-3

Tgt Ion:163 Resp: 78499

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.6	5.4
164	9.7	8.7	13.1

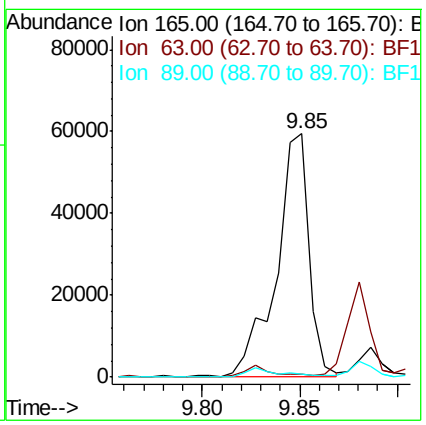


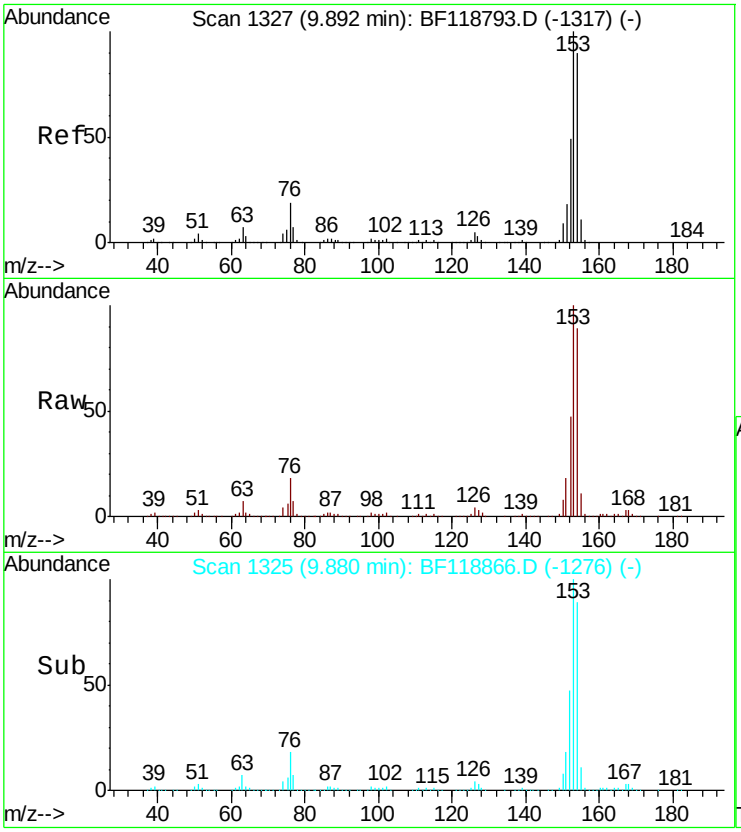


#51
2,6-Dinitrotoluene
Concen: 9.935 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Tgt Ion:165 Resp: 69260

Ion	Ratio	Lower	Upper
165	100		
63	1.3	37.4	56.0#
89	1.1	39.7	59.5#



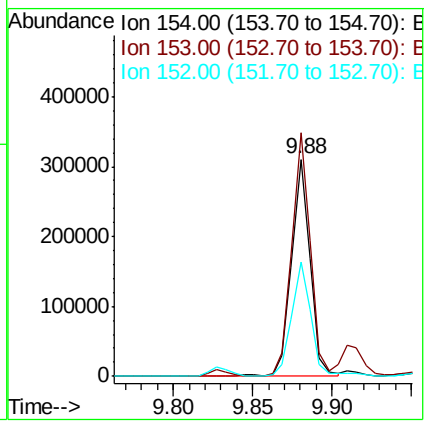


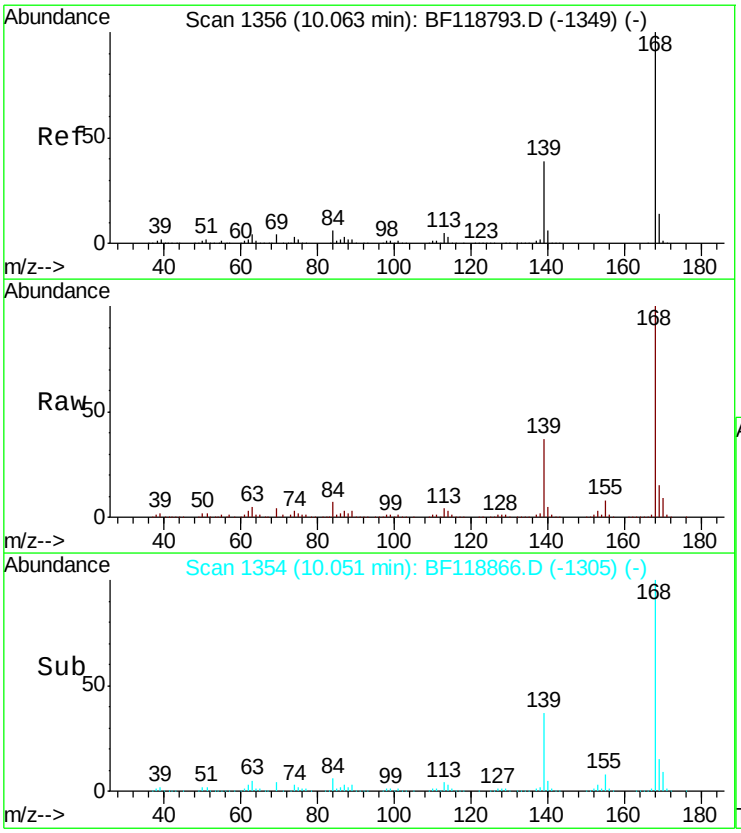
#52
Acenaphthene
Concen: 10.303 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Instrument :
BNA_F
ClientSampleId :
TP11-EP2-3

Tgt Ion:154 Resp: 252254

Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.4	134.0
152	52.9	43.6	65.4

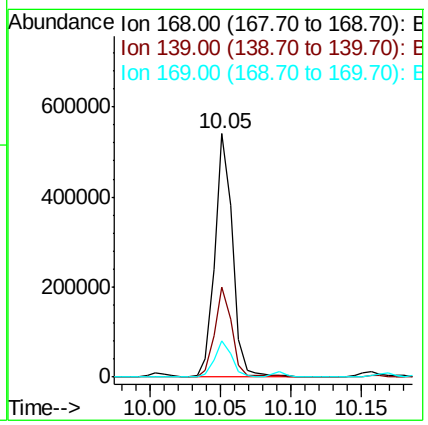


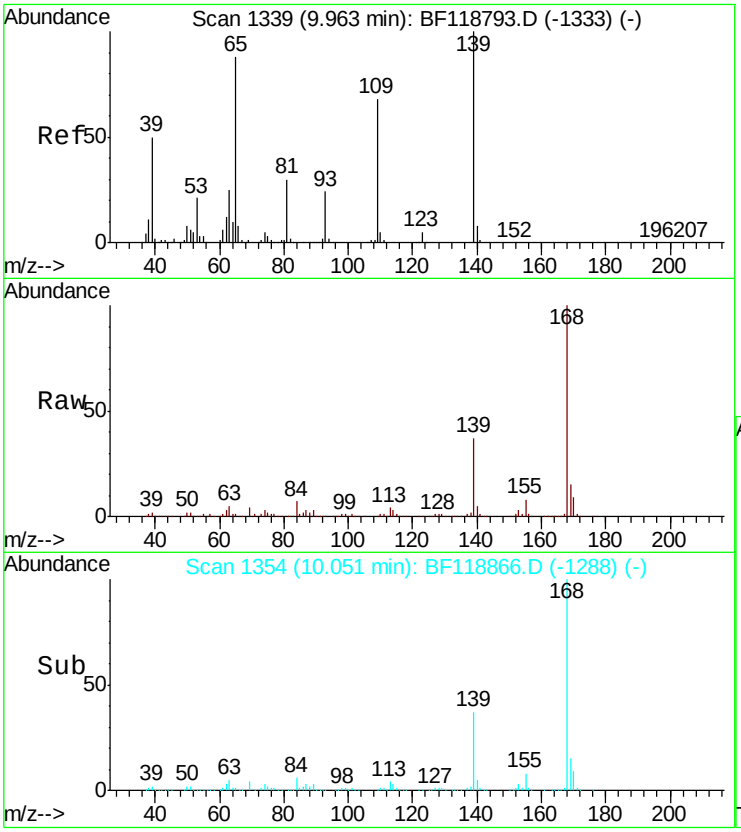


#55
Dibenzofuran
Concen: 13.215 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Tgt Ion:168 Resp: 467589

Ion	Ratio	Lower	Upper
168	100		
139	36.9	31.6	47.4
169	14.7	11.4	17.2



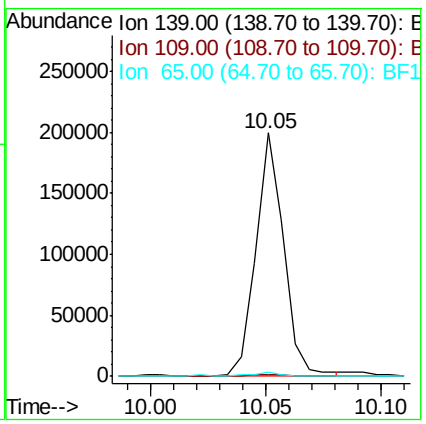


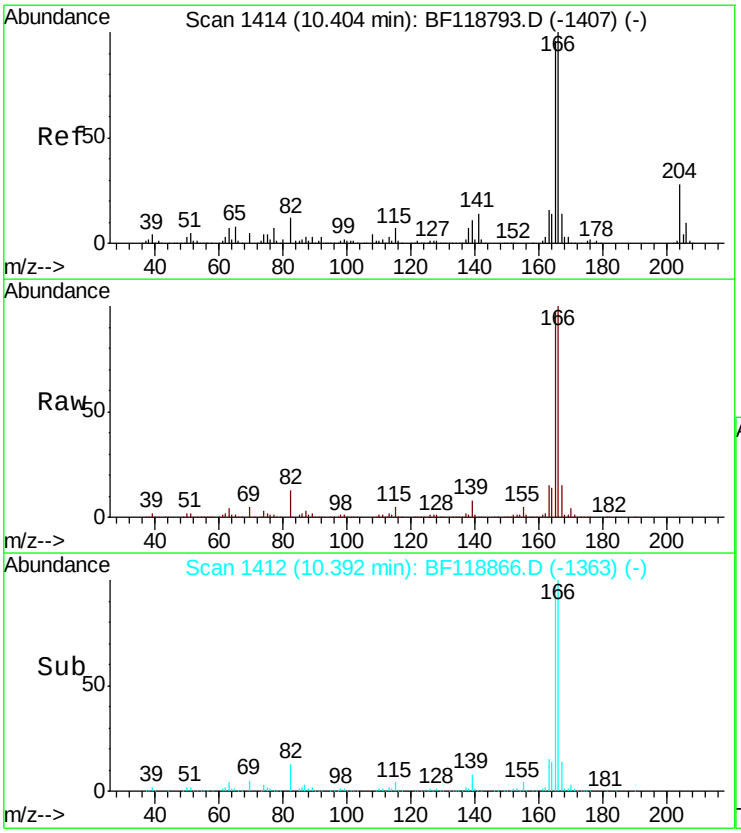
#56
4-Nitrophenol
Concen: 29.828 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.09 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Instrument :
BNA_F
ClientSampleId :
TP11-EP2-3

Tgt Ion:139 Resp: 166907

Ion	Ratio	Lower	Upper
139	100		
109	0.9	48.0	88.0#
65	1.5	68.3	108.3#

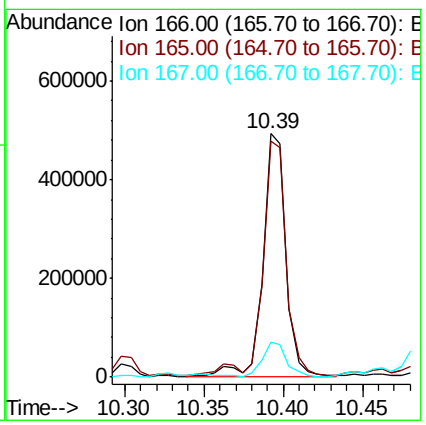


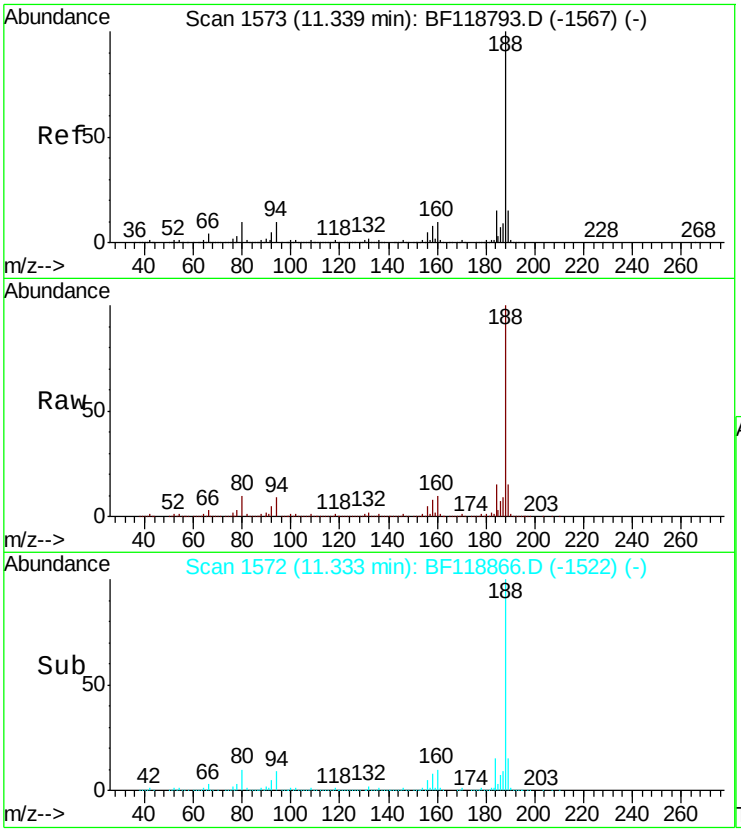


#58
Fluorene
Concen: 18.675 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Tgt Ion:166 Resp: 497094

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.0	115.6
167	14.6	11.1	16.7



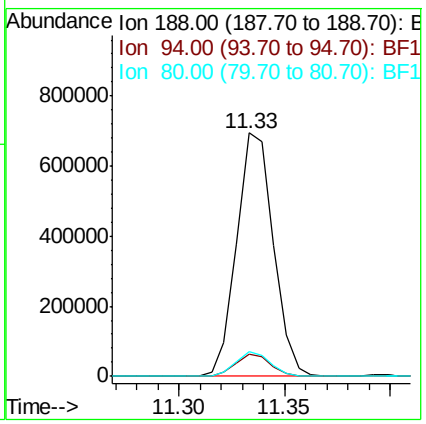


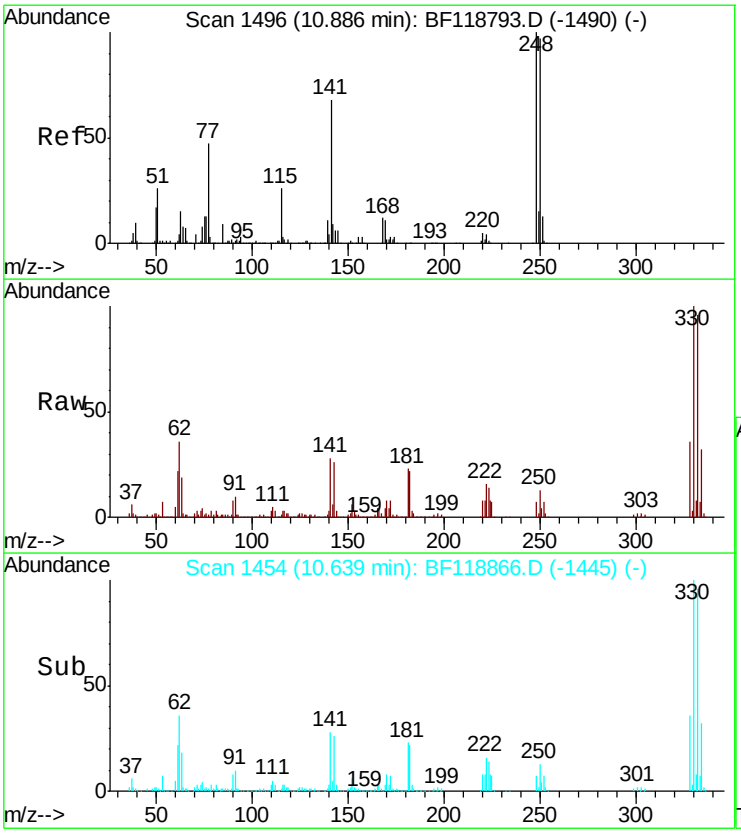
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Instrument :
BNA_F
ClientSampleId :
TP11-EP2-3

Tgt Ion:188 Resp: 837642

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.9	11.9
80	10.0	8.4	12.6

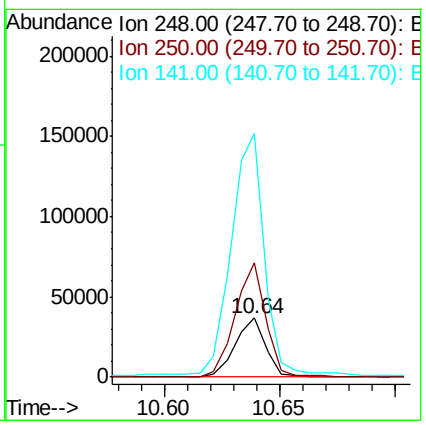


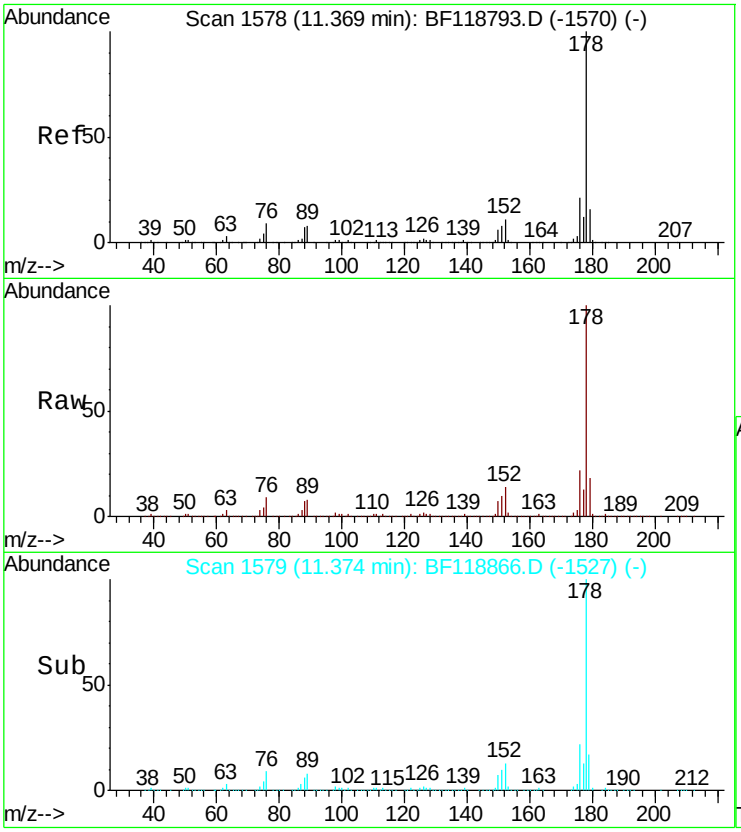


#67
4-Bromophenyl-phenylether
Concen: 3.432 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Tgt Ion:248 Resp: 34003

Ion	Ratio	Lower	Upper
248	100		
250	194.4	77.6	116.4#
141	411.9	54.4	81.6#



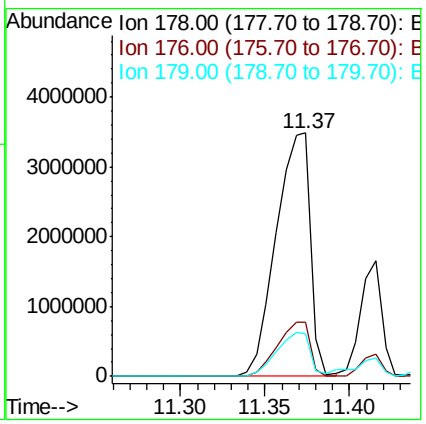


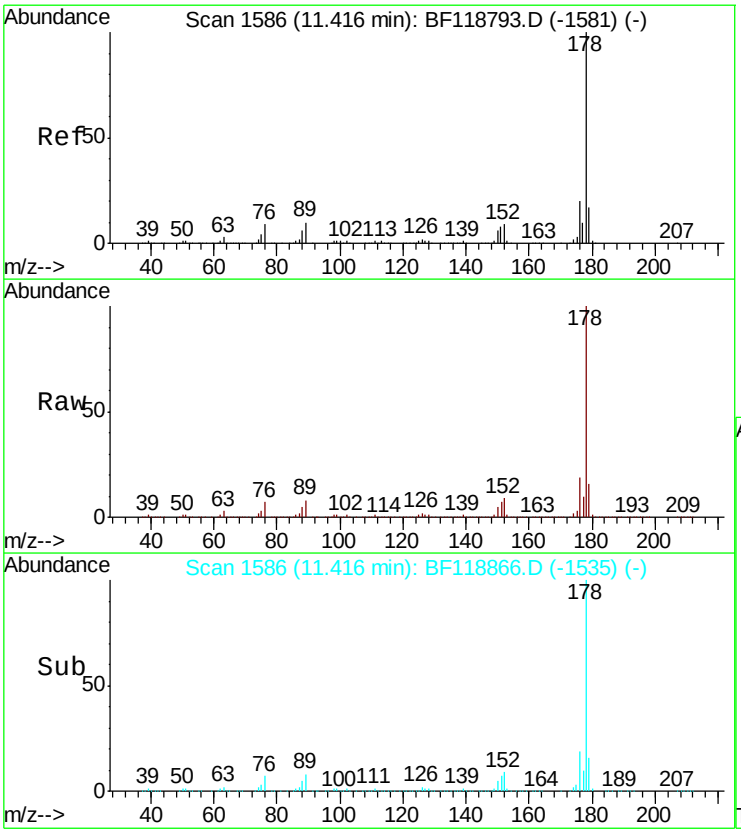
#71
Phenanthrene
Concen: 119.474 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Instrument :
BNA_F
ClientSampleId :
TP11-EP2-3

Tgt Ion:178 Resp: 4923901

Ion	Ratio	Lower	Upper
178	100		
176	22.5	16.6	24.8
179	17.5	13.2	19.8

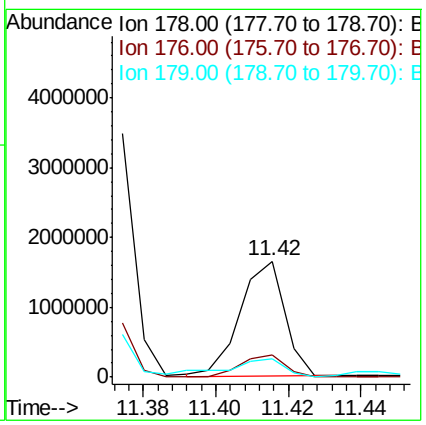


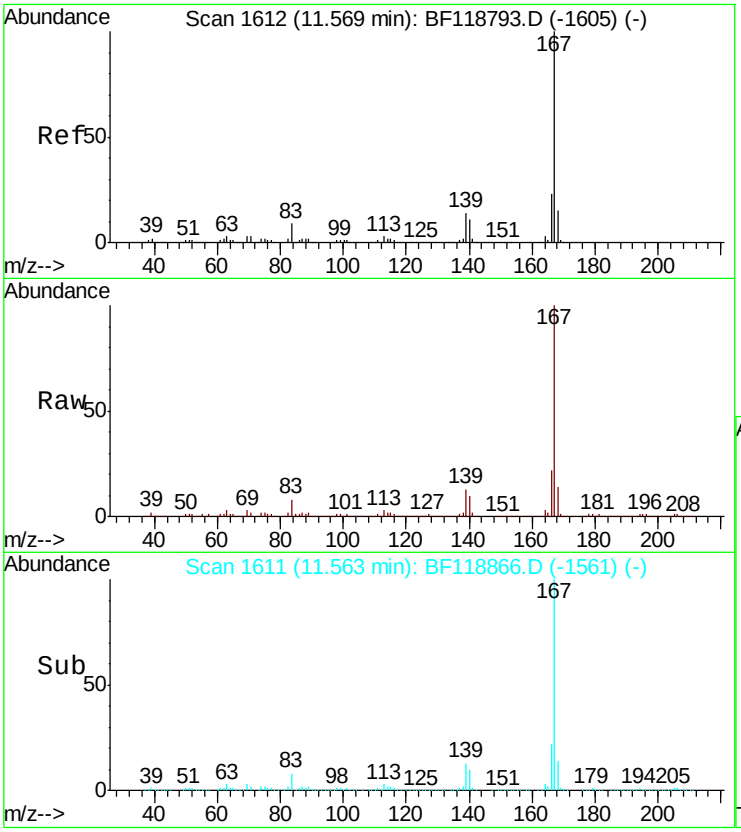


#72
Anthracene
Concen: 34.221 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Tgt Ion:178 Resp: 1403060

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.2
179	15.9	13.4	20.2



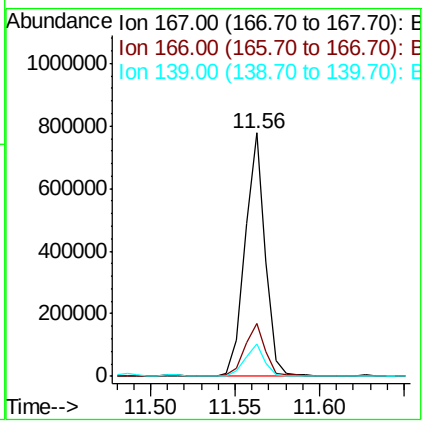


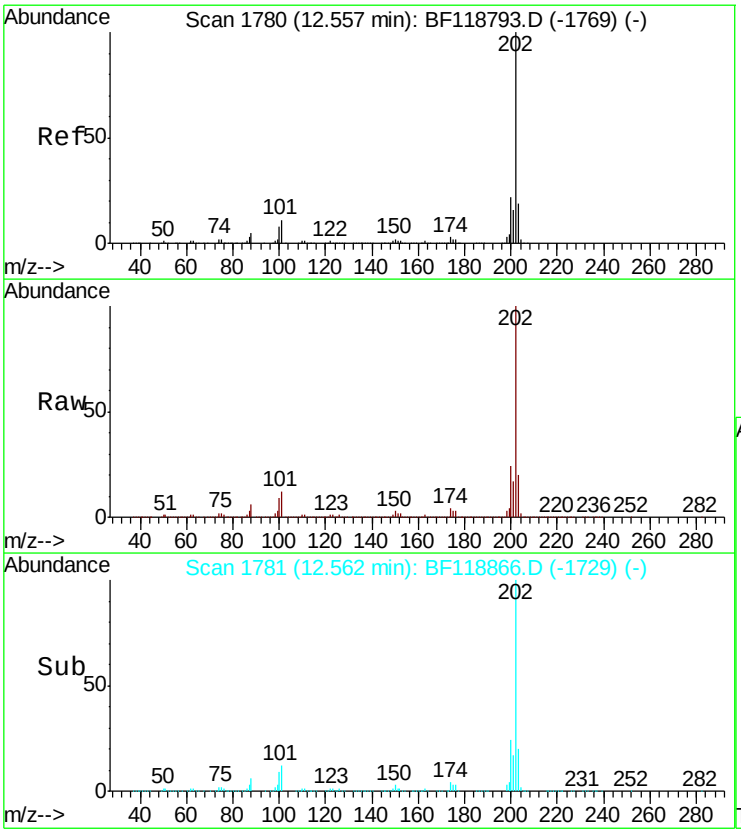
#73
Carbazole
Concen: 17.959 ng
RT: 11.56 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Instrument :
BNA_F
ClientSampleId :
TP11-EP2-3

Tgt Ion:167 Resp: 646180

Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.4	27.6
139	13.1	11.1	16.7

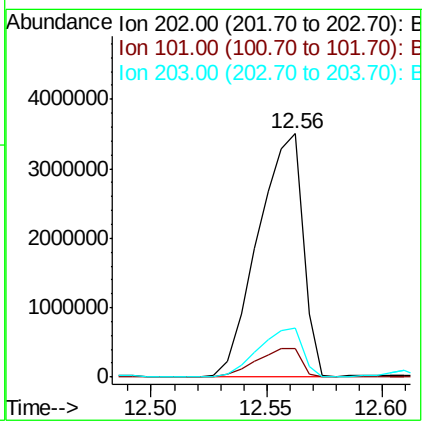


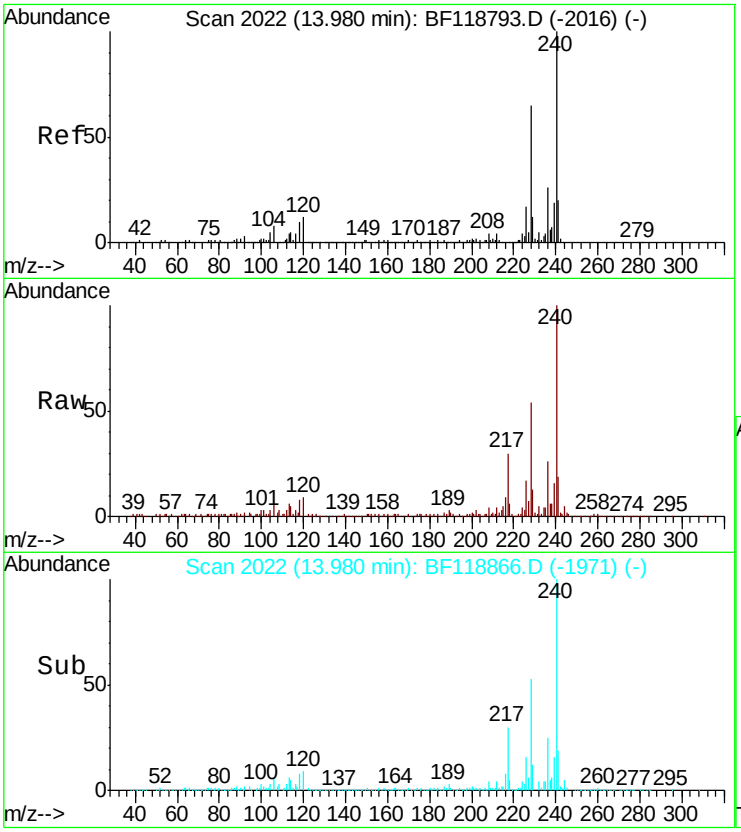


#75
Fluoranthene
Concen: 104.925 ng
RT: 12.56 min Scan# 1781
Delta R.T. 0.01 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Tgt Ion:202 Resp: 4721363

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.0
203	19.9	0.0	38.7



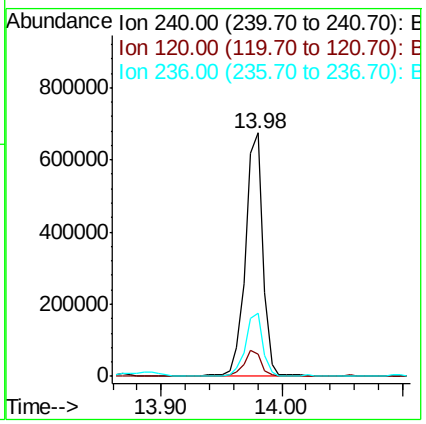


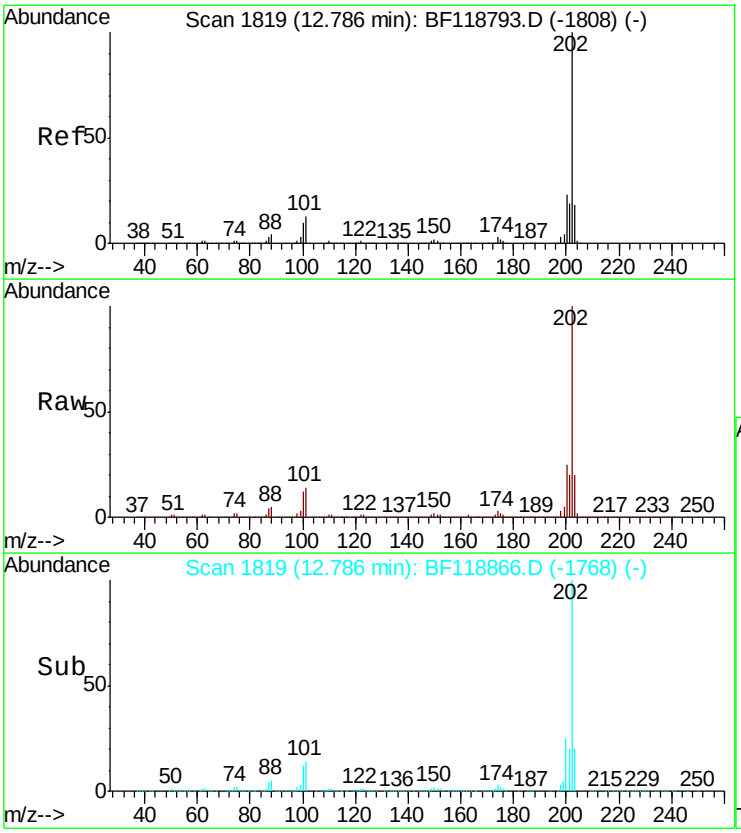
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Instrument :
BNA_F
ClientSampleId :
TP11-EP2-3

Tgt Ion:240 Resp: 680442

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.4	14.0#
236	25.7	21.0	31.6

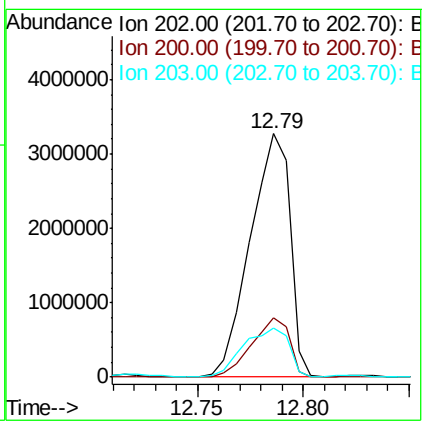


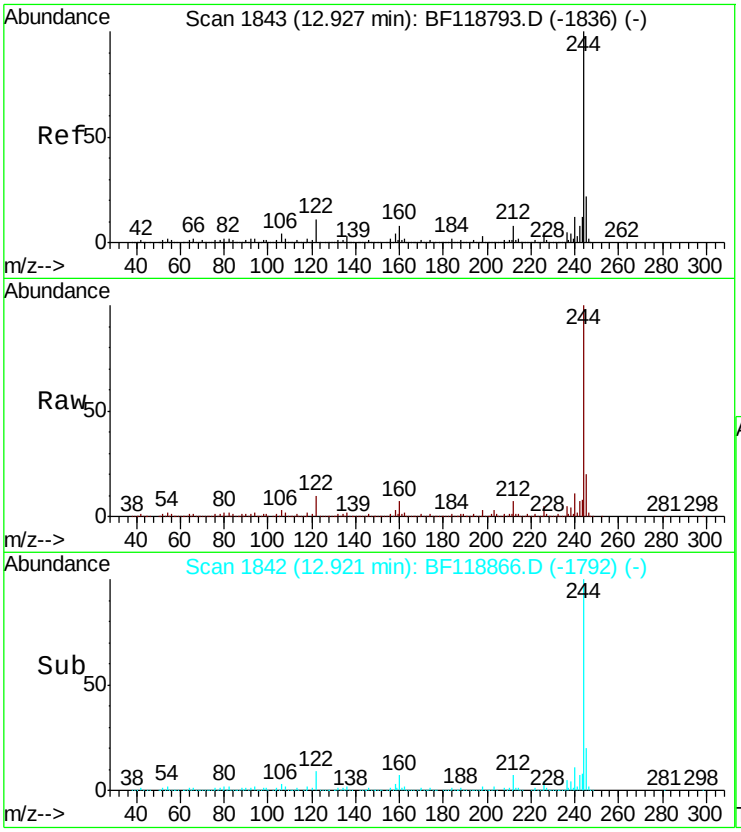


#78
Pyrene
Concen: 91.422 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Tgt Ion:202 Resp: 4267607

Ion	Ratio	Lower	Upper
202	100		
200	24.6	18.2	27.2
203	20.4	14.8	22.2



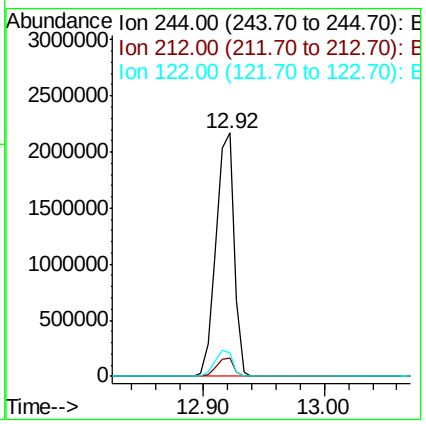


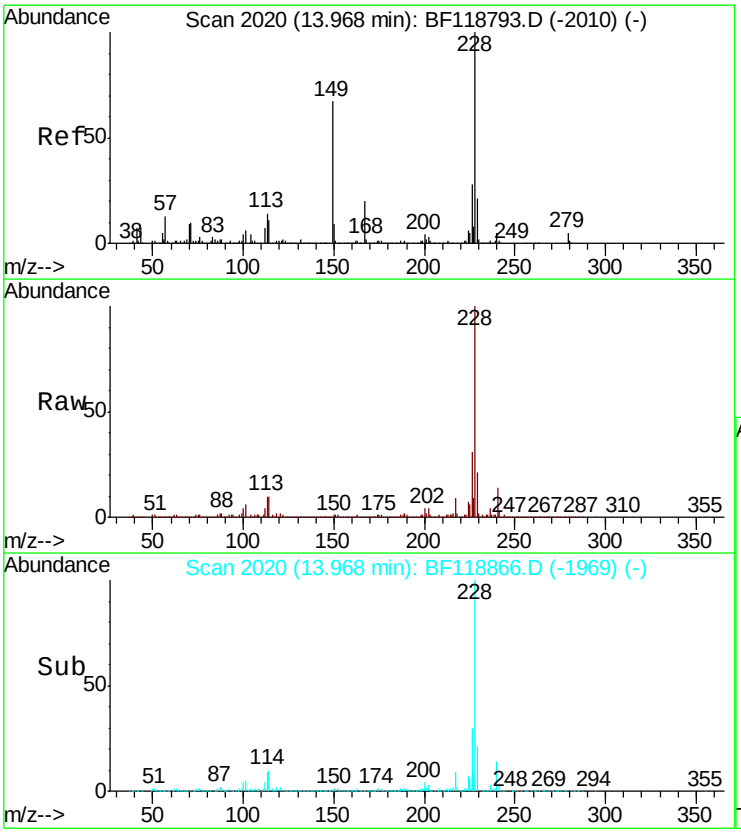
#79
Terphenyl-d14
Concen: 67.115 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Instrument :
BNA_F
ClientSampleId :
TP11-EP2-3

Tgt Ion:244 Resp: 2223324

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	9.5	8.9	13.3

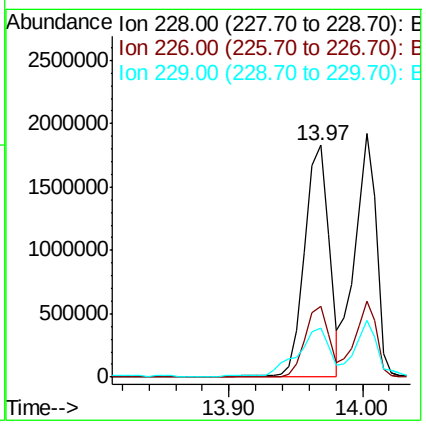


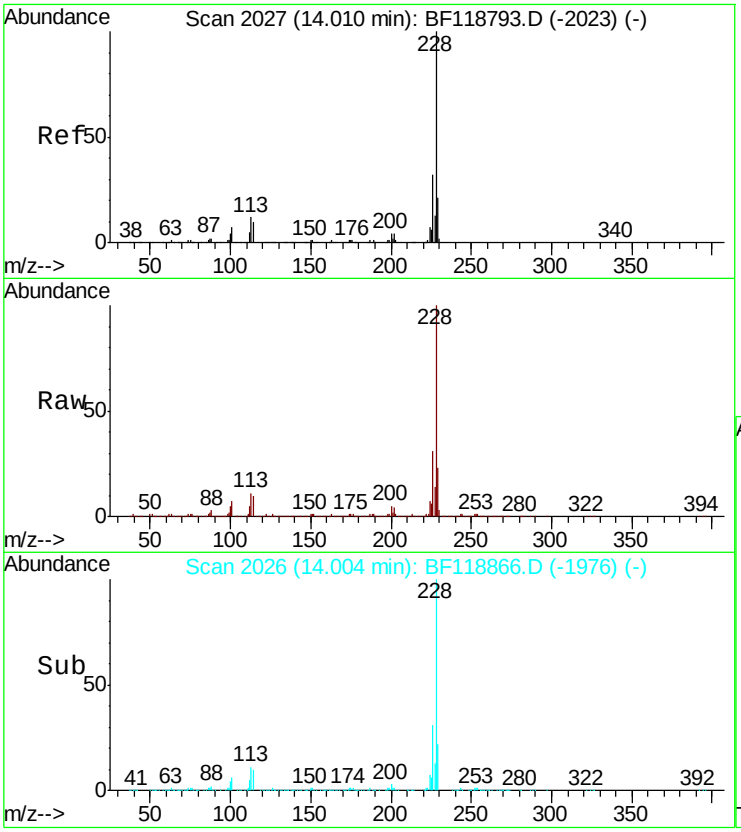


#81
Benzo(a)anthracene
Concen: 56.548 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Tgt Ion:228 Resp: 2289643

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.7	34.1
229	21.4	16.6	25.0



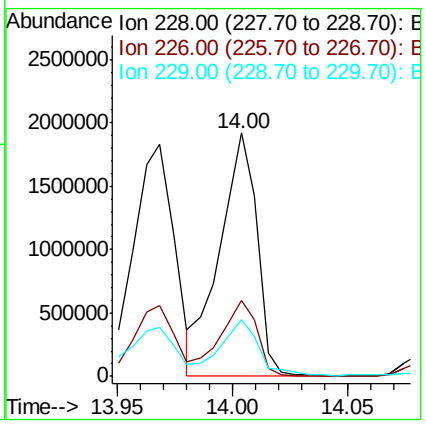


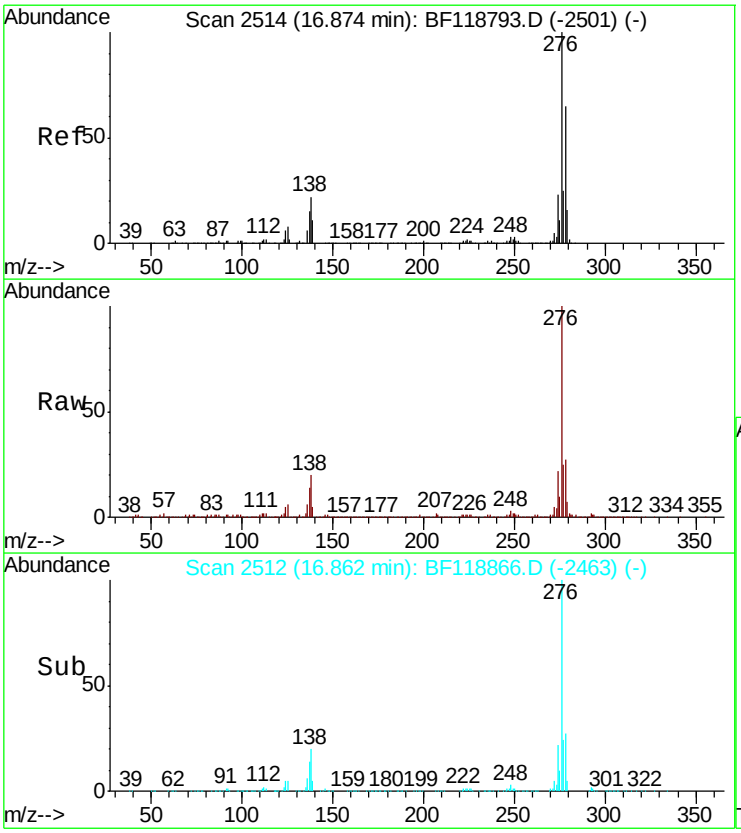
#83
Chrysene
Concen: 52.891 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Instrument :
BNA_F
ClientSampleId :
TP11-EP2-3

Tgt Ion:228 Resp: 2149420

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	23.2	16.9	25.3

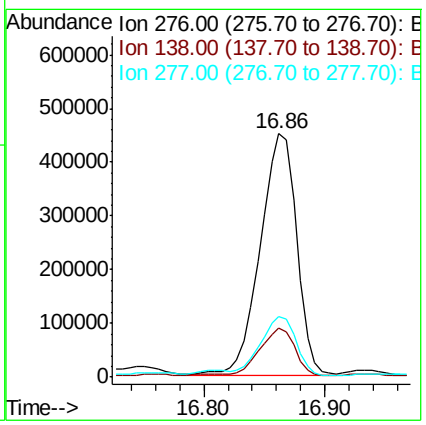


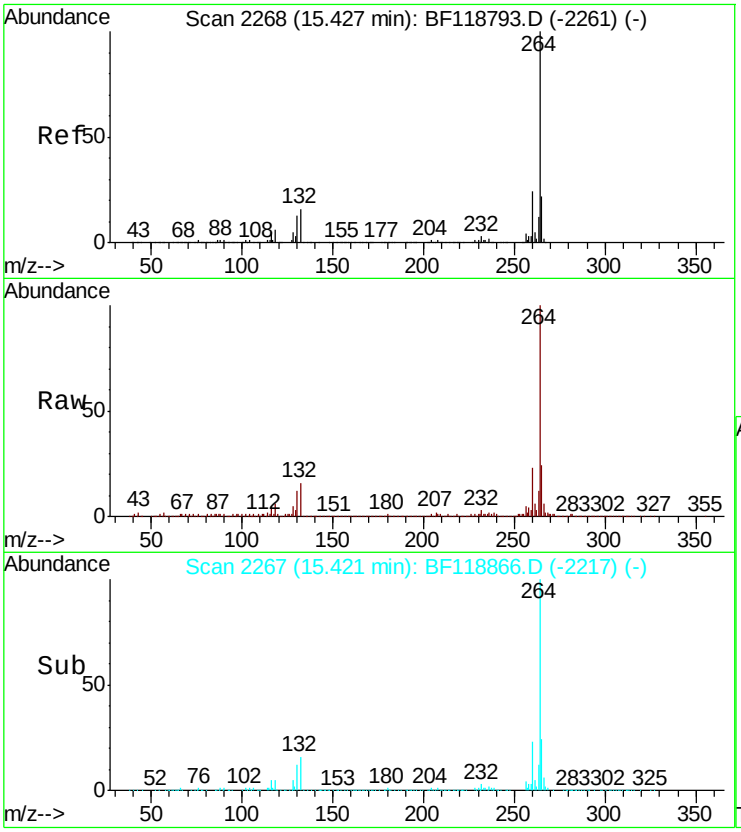


#86
Indeno(1,2,3-cd)pyrene
Concen: 23.196 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Tgt Ion:276 Resp: 947082

Ion	Ratio	Lower	Upper
276	100		
138	19.9	18.3	27.5
277	23.7	20.2	30.4



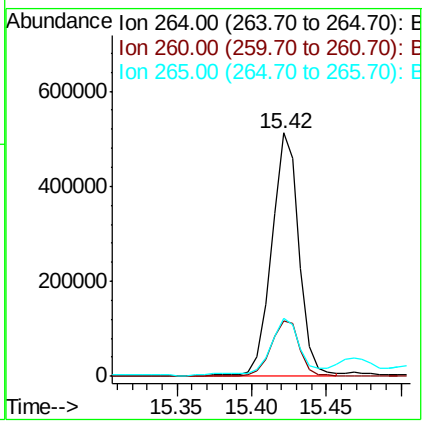


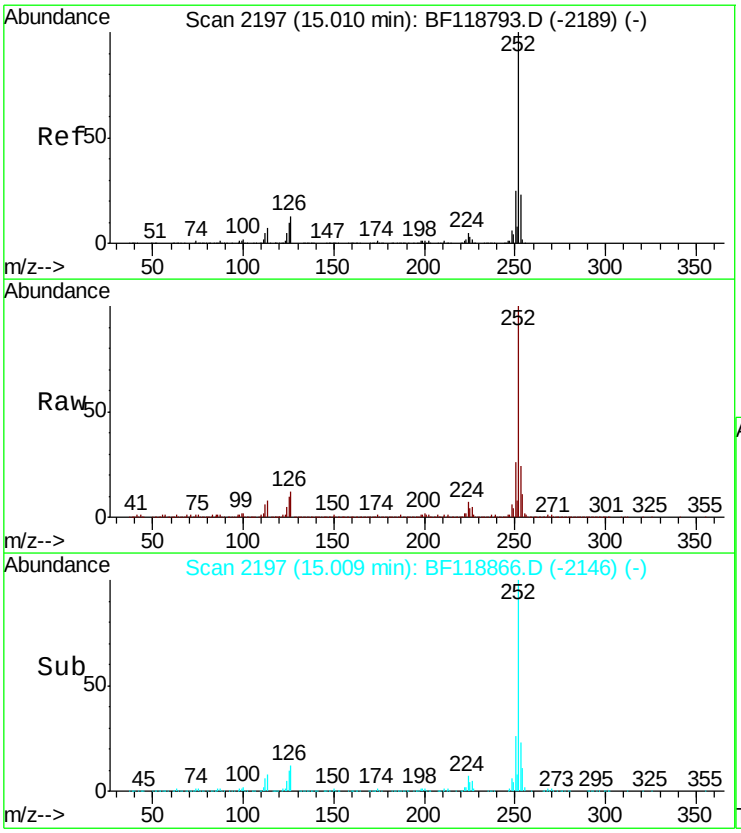
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Instrument :
BNA_F
ClientSampleId :
TP11-EP2-3

Tgt Ion:264 Resp: 648833

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.1	28.7
265	24.1	17.2	25.8

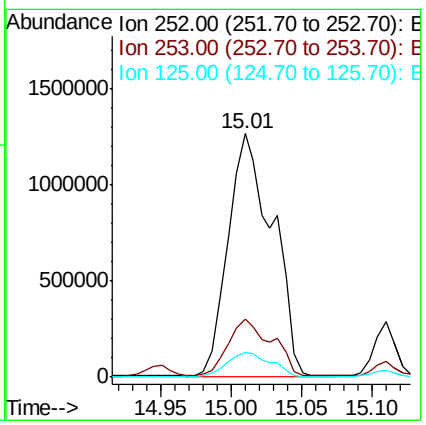


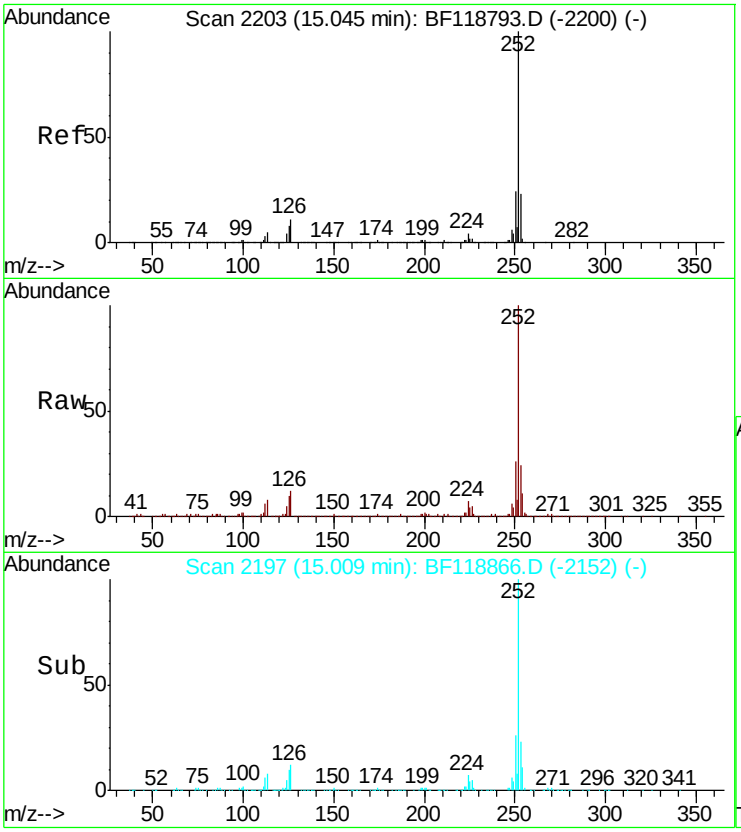


#88
Benzo(b)fluoranthene
Concen: 68.827 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Tgt Ion:252 Resp: 2771071

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	10.4	8.1	12.1



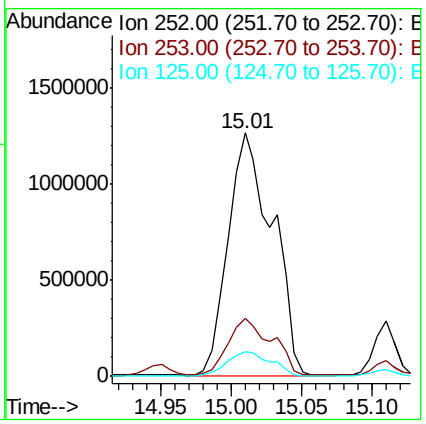


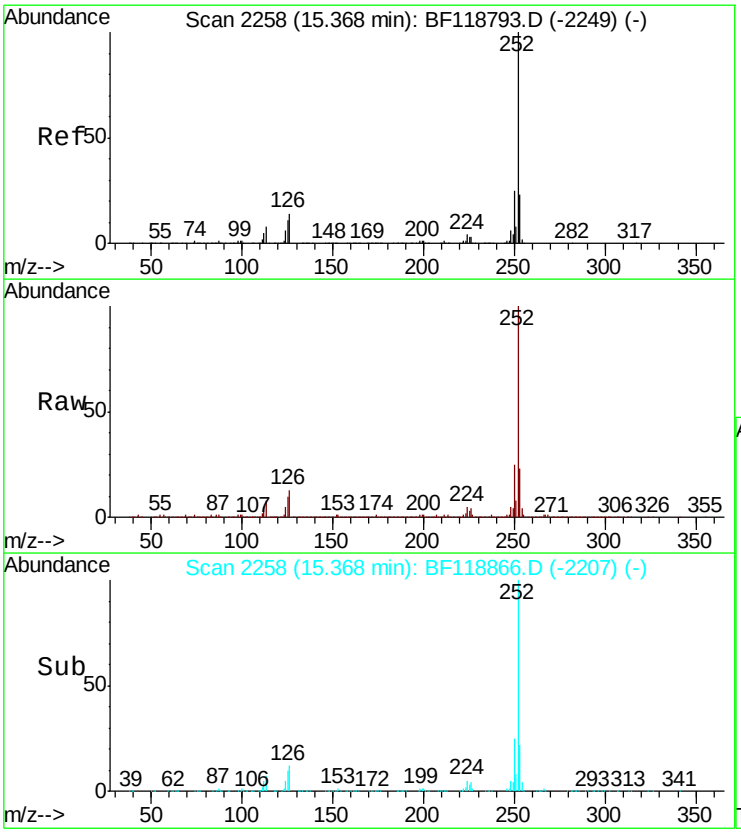
#89
Benzo(k)fluoranthene
Concen: 79.039 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.04 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Instrument :
BNA_F
ClientSampleId :
TP11-EP2-3

Tgt Ion:252 Resp: 2771071

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	10.4	7.0	10.6

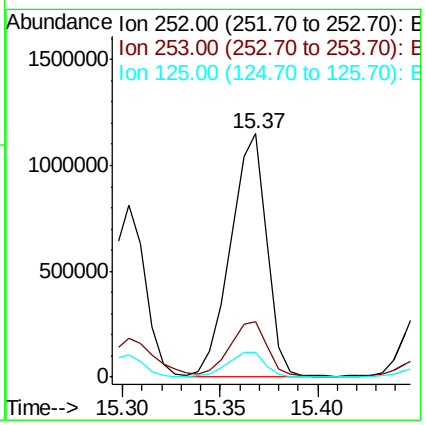


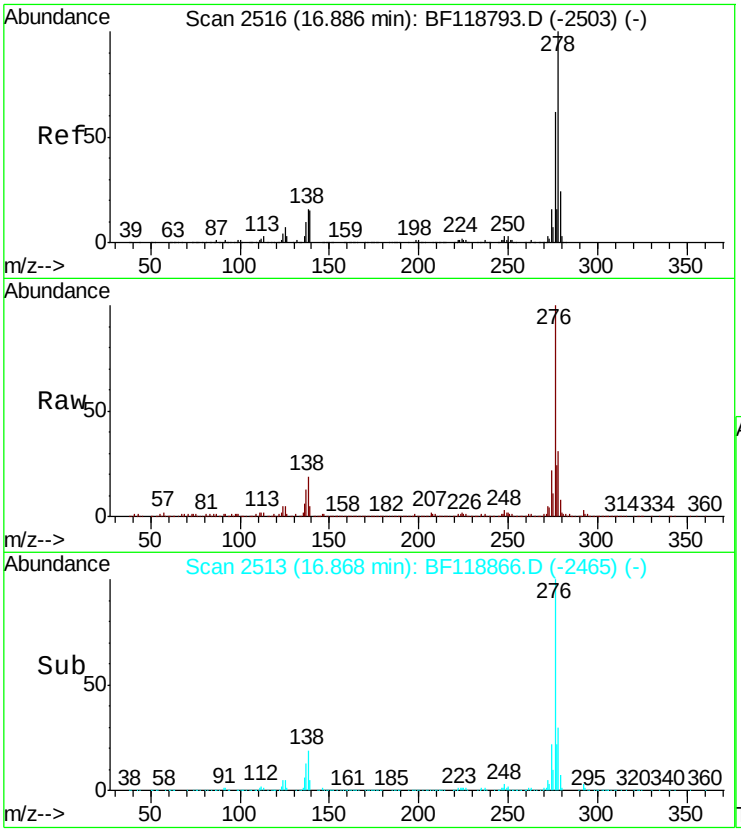


#90
Benzo(a)pyrene
Concen: 42.445 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Tgt Ion:252 Resp: 1462484

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	10.0	8.7	13.1



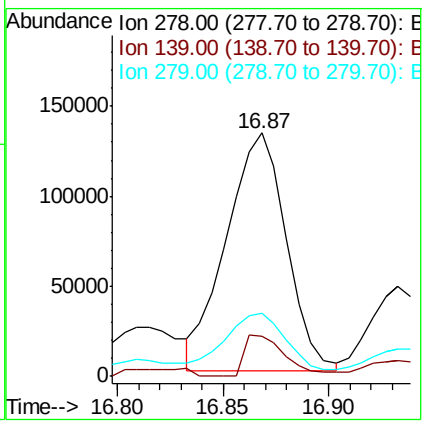


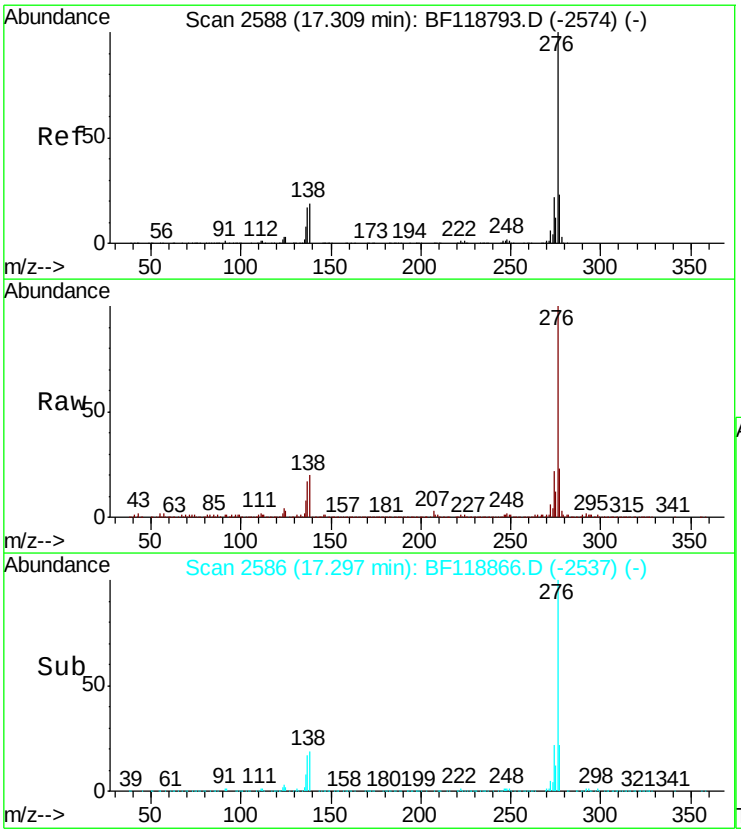
#91
Dibenzo(a,h)anthracene
Concen: 8.472 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.02 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Instrument :
BNA_F
ClientSampleId :
TP11-EP2-3

Tgt Ion:278 Resp: 259154

Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.3	18.5
279	25.9	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 32.295 ng
RT: 17.30 min Scan# 2586
Delta R.T. -0.01 min
Lab File: BF118866.D
Acq: 10 Feb 2020 12:36

Tgt Ion:276 Resp: 950019

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.7	28.1
138	20.2	15.4	23.2