Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
Data File : BF118882.D
Acq On : 10 Feb 2020 21:43
Operator : CG/JU
Sample : L1468-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP11-EP1-2.5

Quant Time: Feb 11 00:18:51 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	183523	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	697802	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	396909	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	660885	20.00	ng		0.00
76) Chrysene-d12	13.98	240	463168	20.00	ng		0.00
87) Perylene-d12	15.43	264	488515	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	48643	5.02	ng		0.00
7) Phenol-d6	6.45	99	75963	6.31	ng		0.00
23) Nitrobenzene-d5	7.37	82	47423	4.05	ng		-0.01
42) 2,4,6-Tribromophenol	10.64	330	23977	5.05	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	133334	6.01	ng		-0.01
79) Terphenyl-d14	12.92	244	135446	6.01	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.37	77	1137	Below Cal		#	1
25) Isophorone	7.37	82	47422	2.254	ng	#	64
31) Naphthalene	8.12	128	3216903	100.797	ng		97
33) 4-Chloroaniline	8.12	127	460904	32.280	ng	#	35
37) 2-Methylnaphthalene	8.81	142	1312512	59.298	ng		99
38) 1-Methylnaphthalene	8.91	142	1006954	48.360	ng		99
46) 1,1'-Biphenyl	9.27	154	388785	14.160	ng		97
47) 2-Chloronaphthalene	9.35	162	57172	2.505	ng	#	46
49) Acenaphthylene	9.72	152	1795438	54.479	ng		98
52) Acenaphthene	9.88	154	108947	5.017	ng		99
55) Dibenzofuran	10.06	168	263019	8.381	ng	#	93
58) Fluorene	10.40	166	923731	39.123	ng		98
71) Phenanthrene	11.37	178	4349098	133.750	ng		96
72) Anthracene	11.42	178	1438653	44.474	ng		99
73) Carbazole	11.56	167	144724	5.098	ng		99
75) Fluoranthene	12.56	202	2725838	76.779	ng		98
78) Pyrene	12.79	202	3644110	114.687	ng		97
81) Benzo(a)anthracene	14.00	228	1475453	53.534	ng		95
83) Chrysene	14.00	228	1475453	53.339	ng		97
86) Indeno(1,2,3-cd)pyrene	16.87	276	603699	21.721	ng		96
88) Benzo(b)fluoranthene	15.02	252	1768308	58.334	ng		98
89) Benzo(k)fluoranthene	15.02	252	1768308	66.989	ng	#	97
90) Benzo(a)pyrene	15.37	252	1401352	54.018	ng		98
91) Dibenzo(a,h)anthracene	16.87	278	174080	7.559	ng	#	91
92) Benzo(g,h,i)perylene	17.31	276	660249	29.811	ng		97

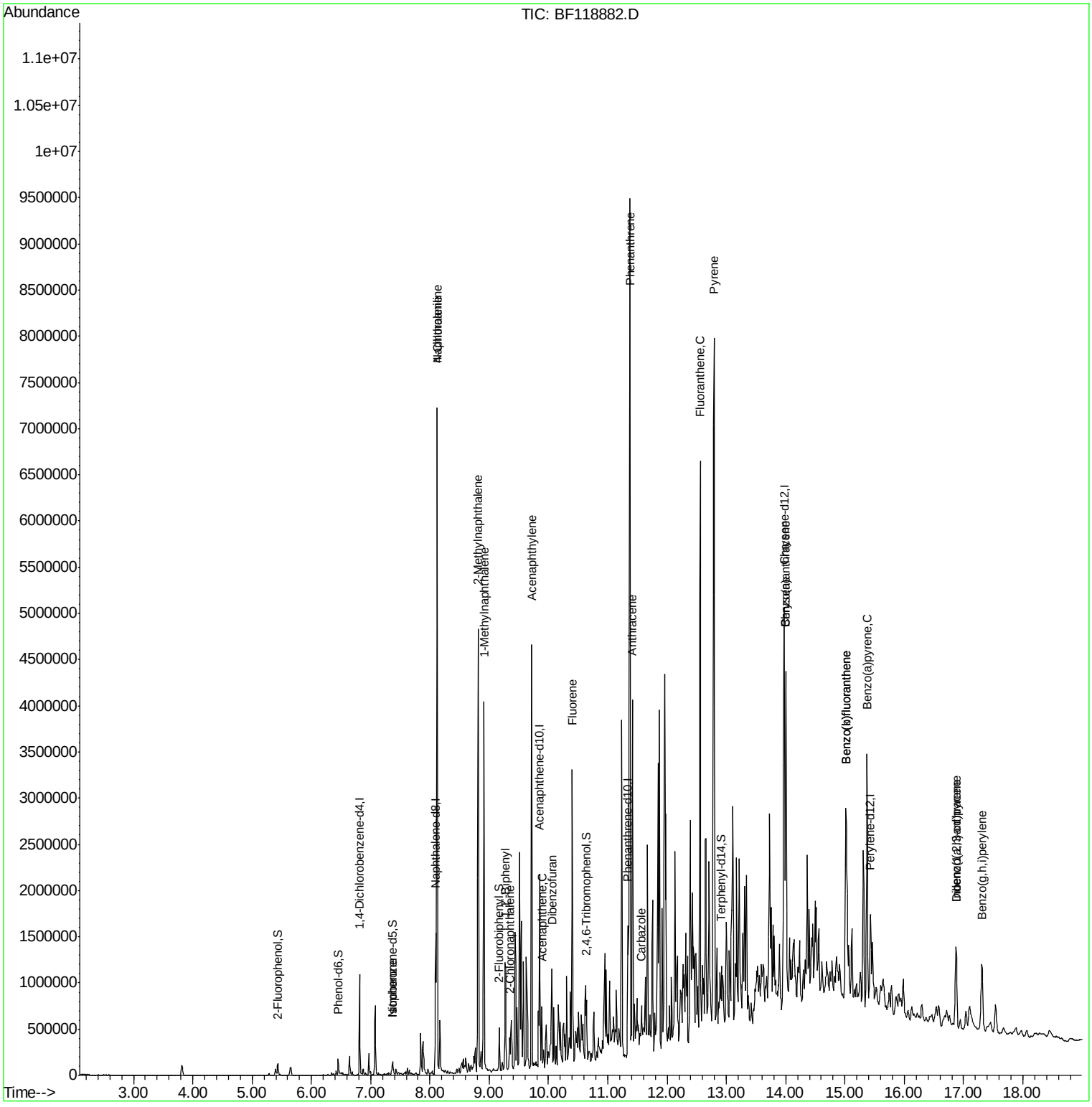
(#) = qualifier out of range (m) = manual integration (+) = signals summed

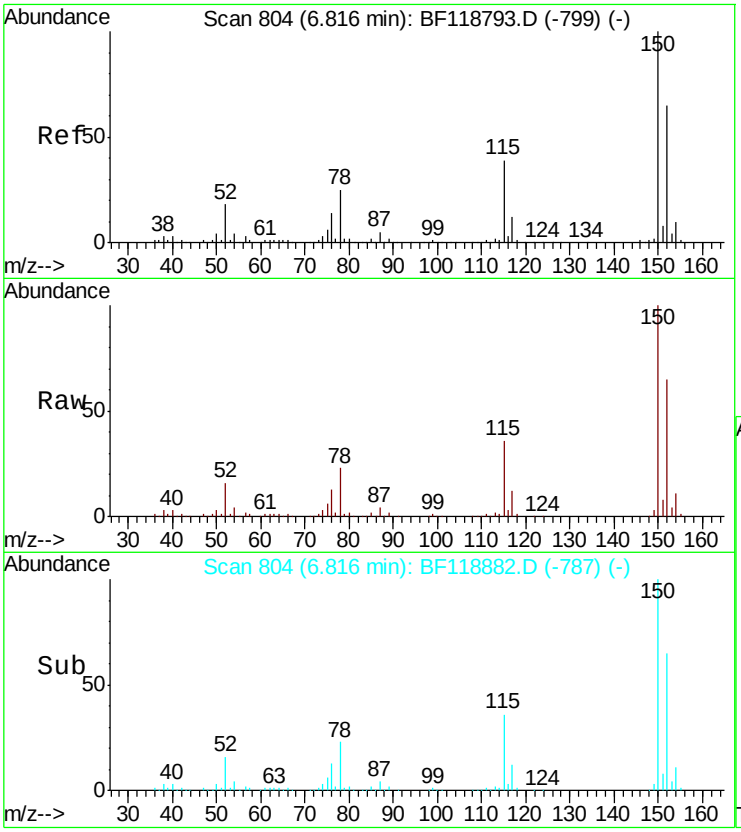
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
Data File : BF118882.D
Acq On : 10 Feb 2020 21:43
Operator : CG/JU
Sample : L1468-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Quant Time: Feb 11 00:18:51 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



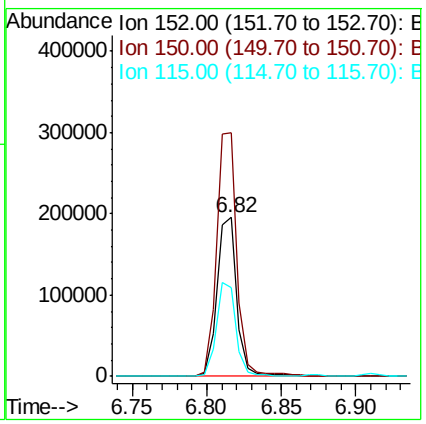


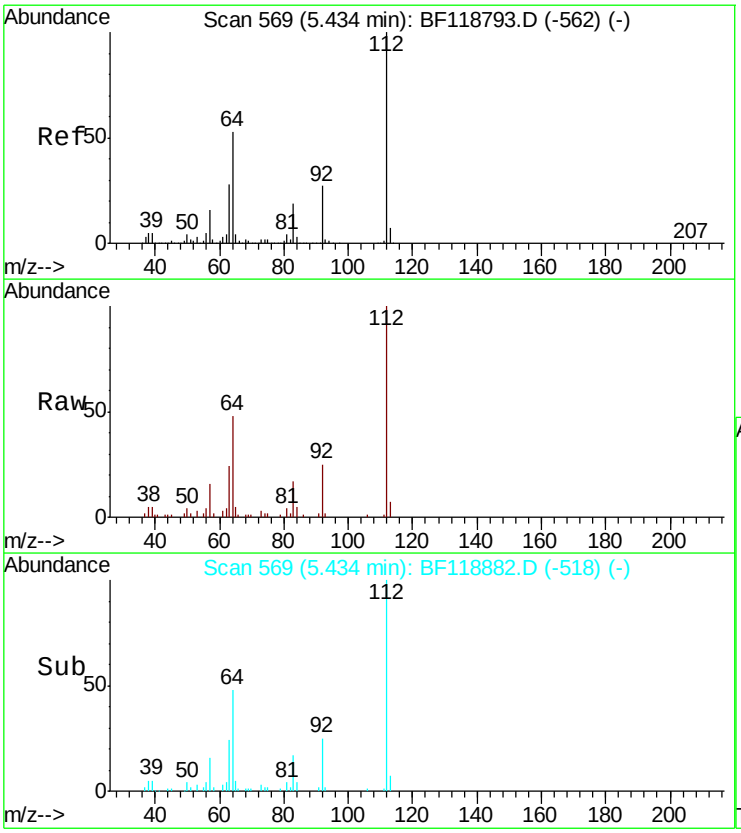
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tgt Ion:152 Resp: 183523

Ion	Ratio	Lower	Upper
152	100		
150	153.1	123.6	185.4
115	55.6	48.2	72.2

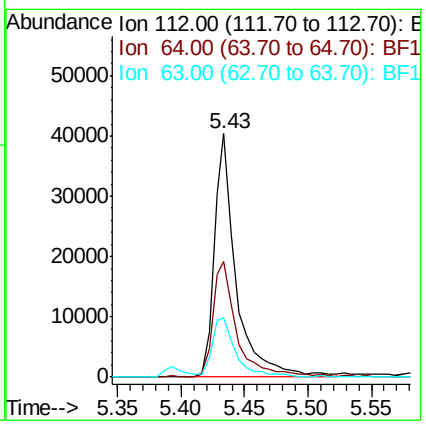


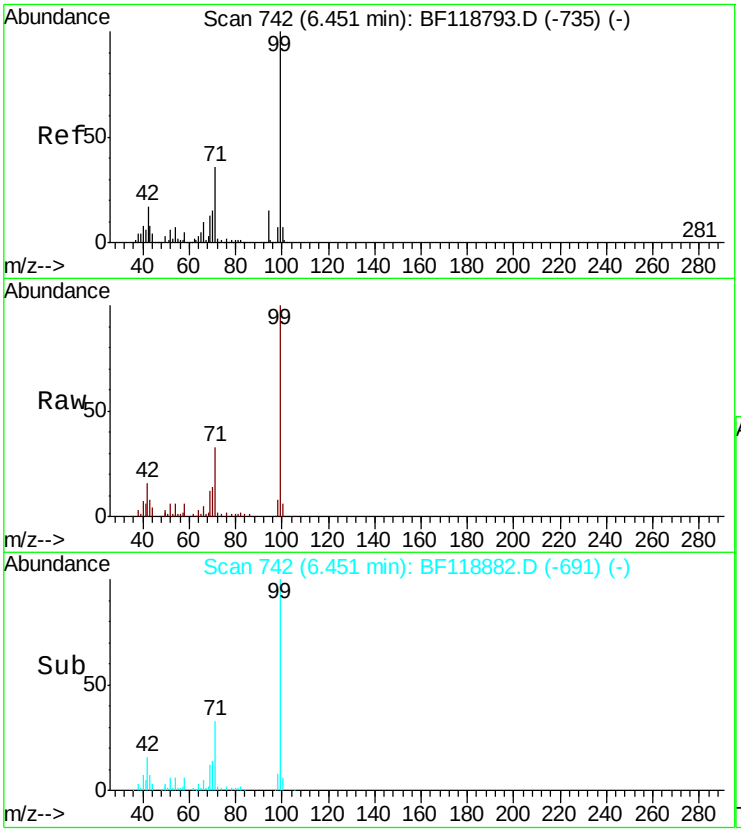


#5
2-Fluorophenol
Concen: 5.017 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion:112 Resp: 48643

Ion	Ratio	Lower	Upper
112	100		
64	47.7	42.6	63.8
63	24.4	22.2	33.4



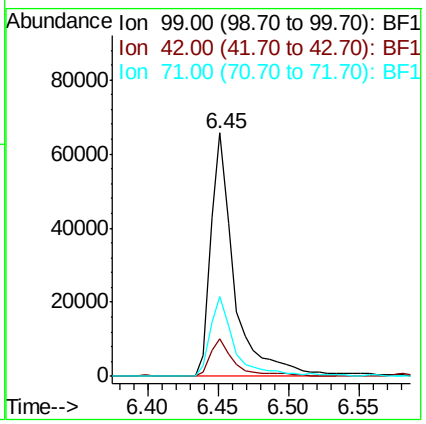


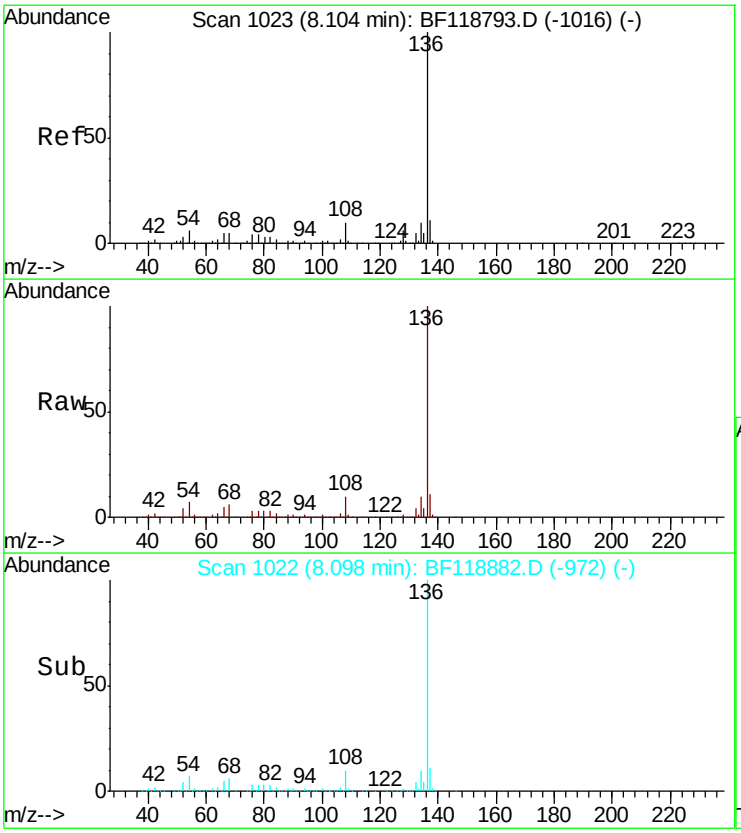
#7
Phenol-d6
Concen: 6.312 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tgt Ion: 99 Resp: 75963

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.4	20.0
71	32.7	29.0	43.6

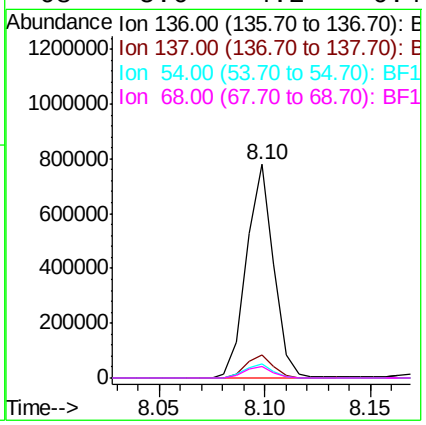


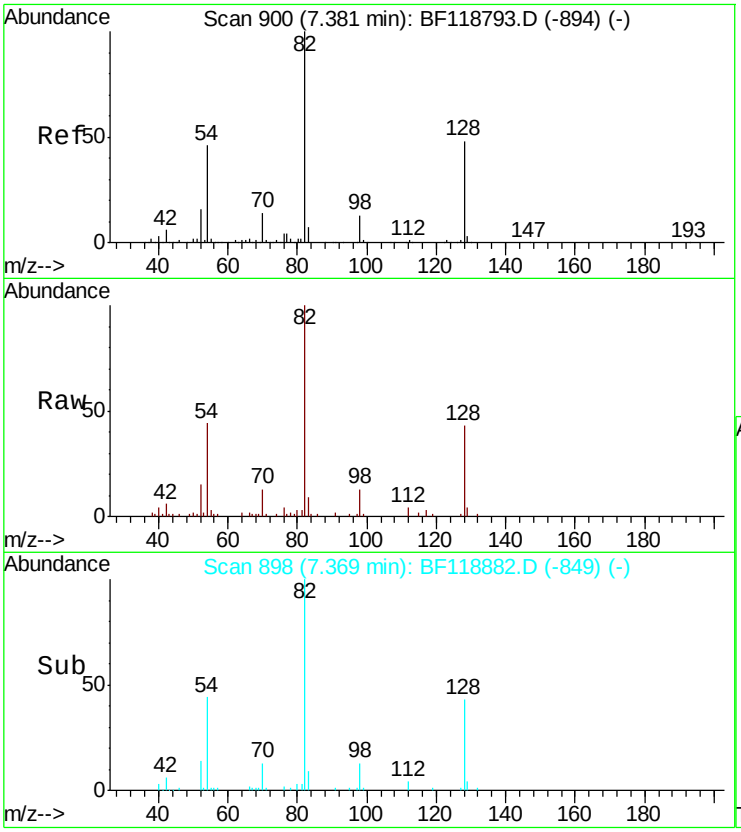


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion:136 Resp: 697802

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.6	5.0	7.6
68	5.6	4.2	6.4



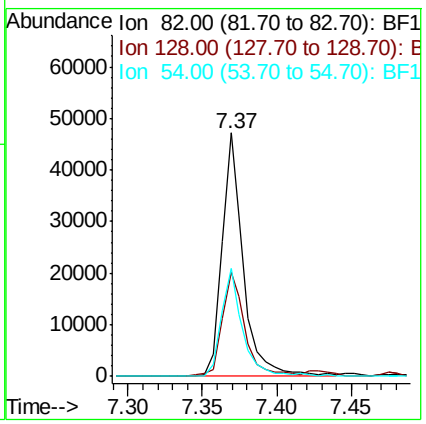


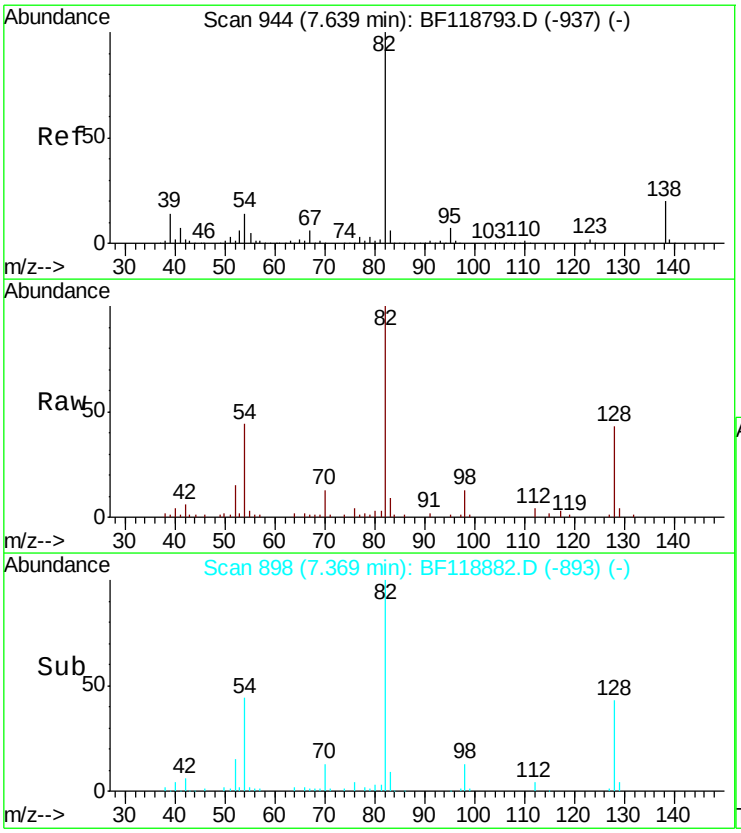
#23
Nitrobenzene-d5
Concen: 4.051 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tgt Ion: 82 Resp: 47423

Ion	Ratio	Lower	Upper
82	100		
128	43.0	38.5	57.7
54	44.2	36.7	55.1

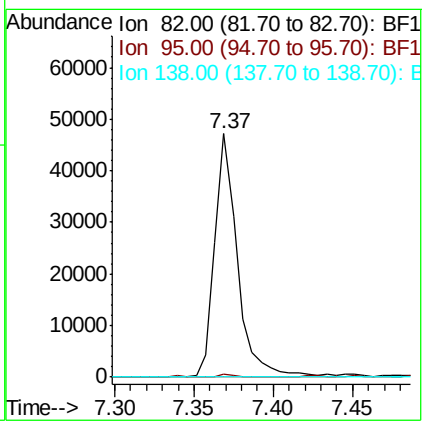


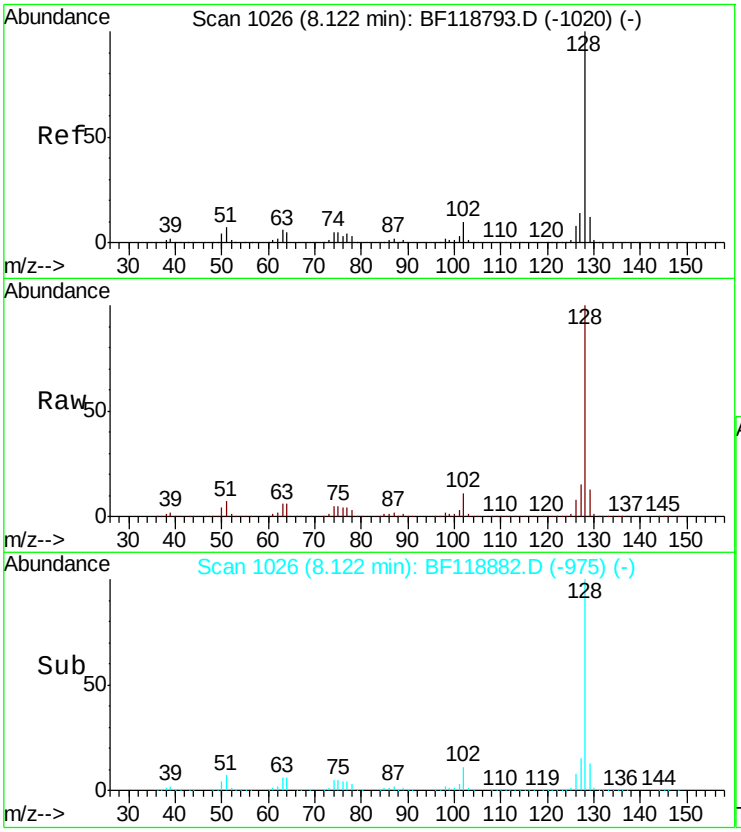


#25
Isophorone
Concen: 2.254 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion: 82 Resp: 47422

Ion	Ratio	Lower	Upper
82	100		
95	1.1	6.0	9.0#
138	0.0	15.7	23.5#



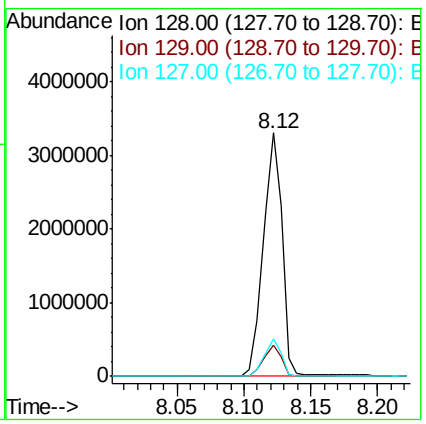


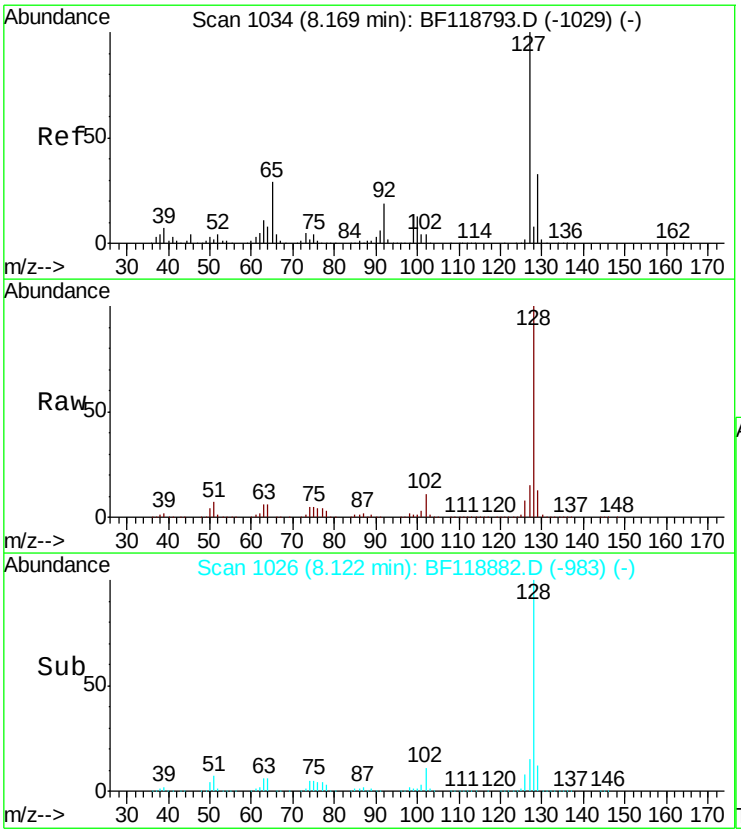
#31
Naphthalene
Concen: 100.797 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tgt Ion:128 Resp: 3216903

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.4	14.2
127	15.3	11.3	16.9

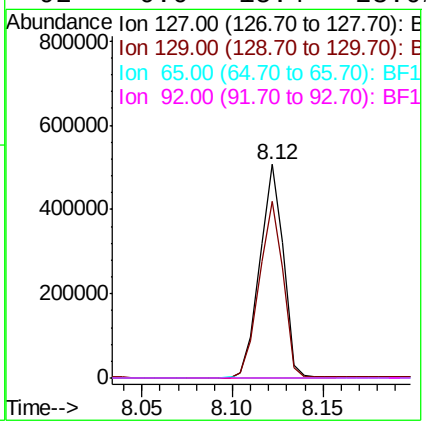


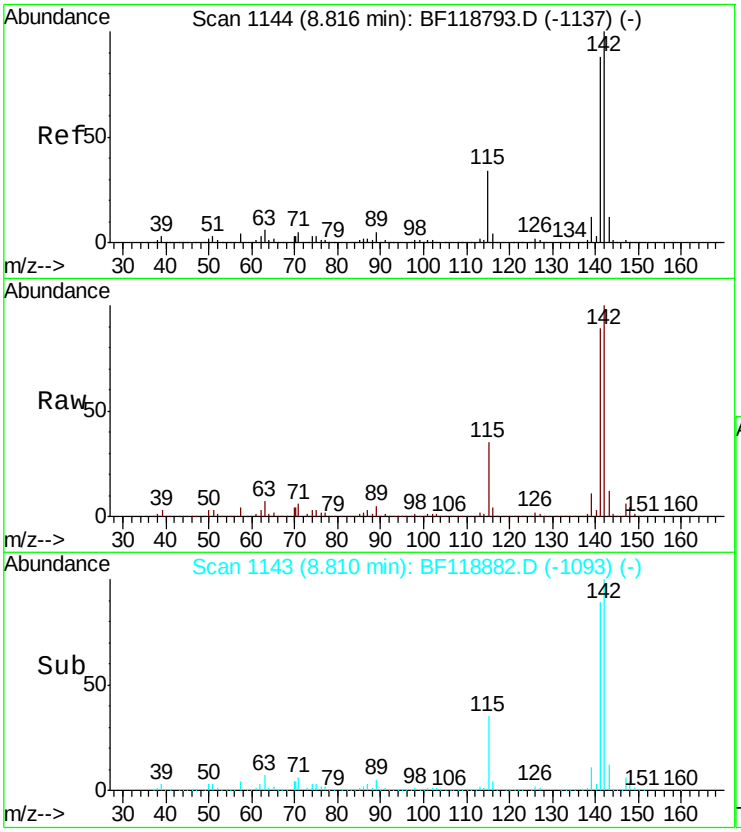


#33
4-Chloroaniline
Concen: 32.280 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.05 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion:127 Resp: 460904

Ion	Ratio	Lower	Upper
127	100		
129	82.9	26.7	40.1#
65	0.0	22.9	34.3#
92	0.0	15.4	23.0#



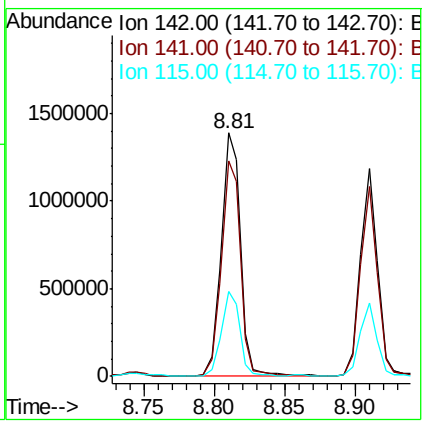


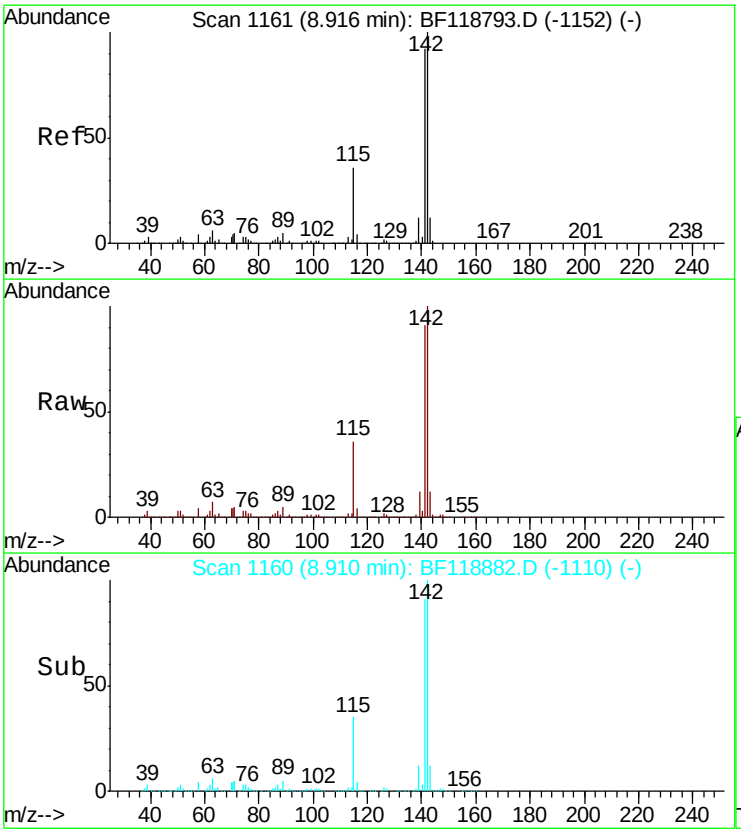
#37
2-Methylnaphthalene
Concen: 59.298 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tgt Ion:142 Resp: 1312512

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.1	105.1
115	34.8	27.3	40.9

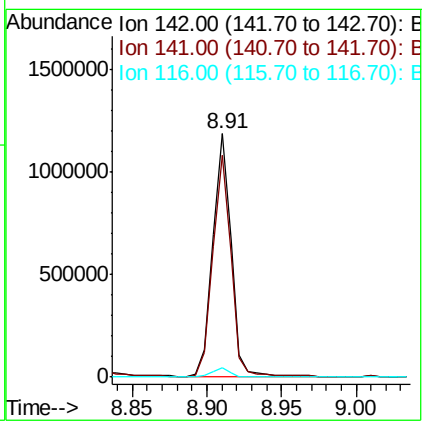


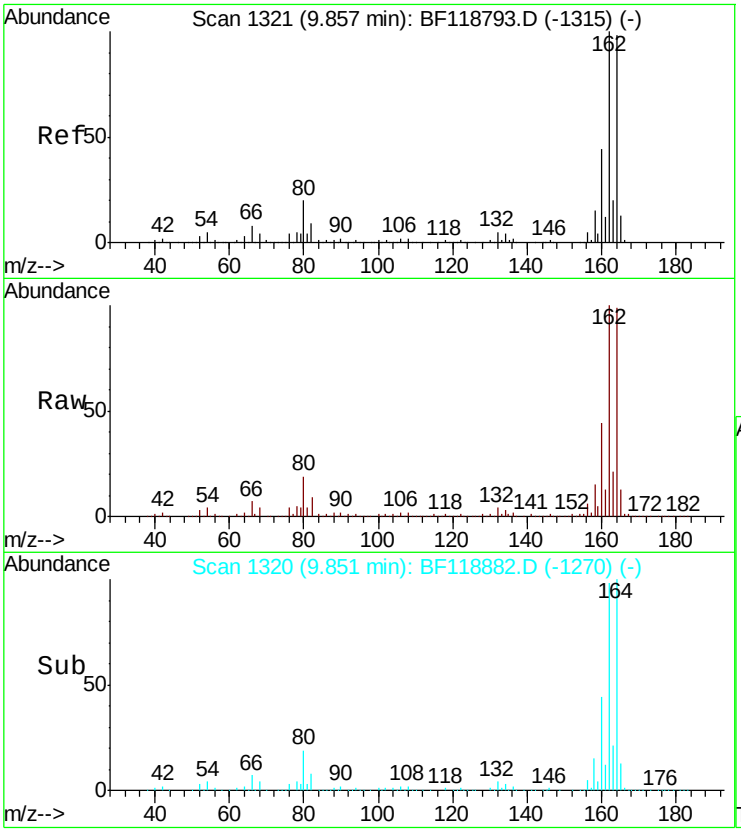


#38
1-Methylnaphthalene
Concen: 48.360 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion:142 Resp: 1006954

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.8	110.6
116	3.9	3.0	4.4



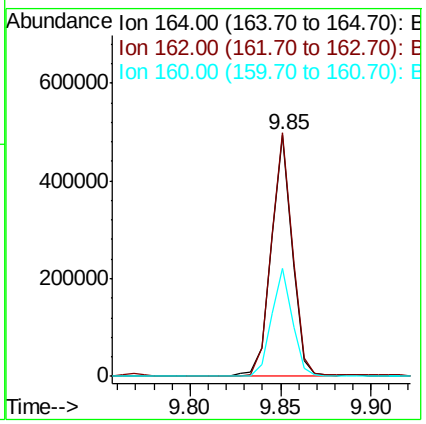


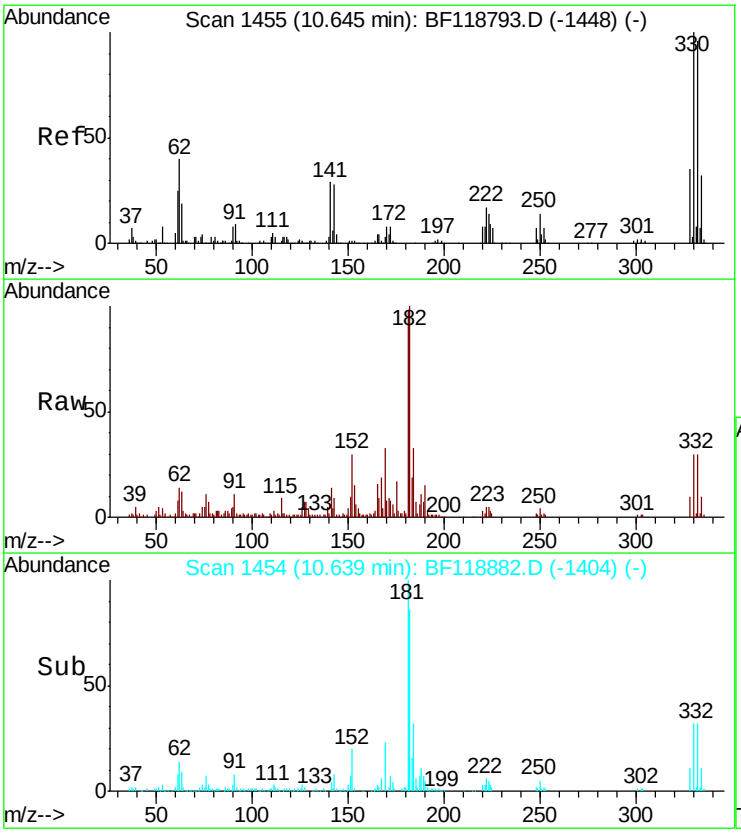
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tgt Ion:164 Resp: 396909

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.4	122.2
160	44.7	35.6	53.4

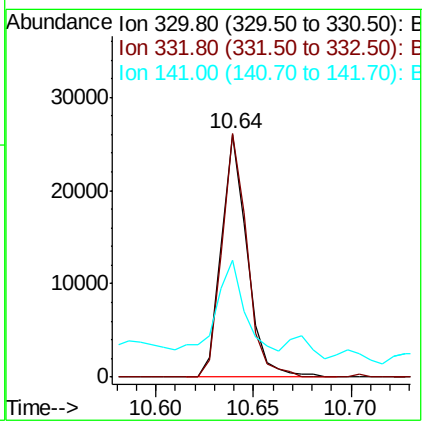


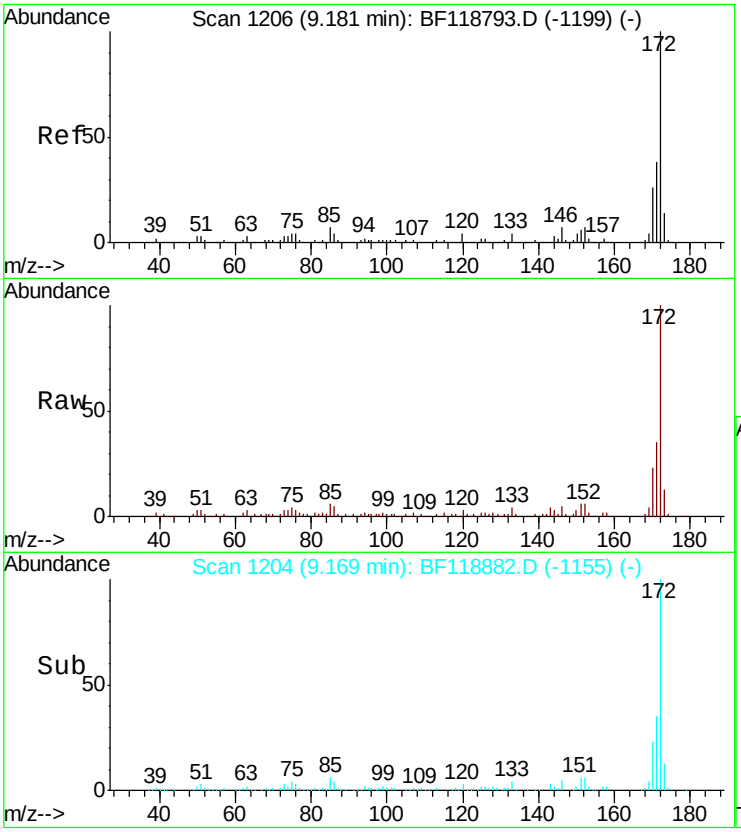


#42
2,4,6-Tribromophenol
Concen: 5.049 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion:330 Resp: 23977

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.3	115.9
141	39.2	22.4	33.6#



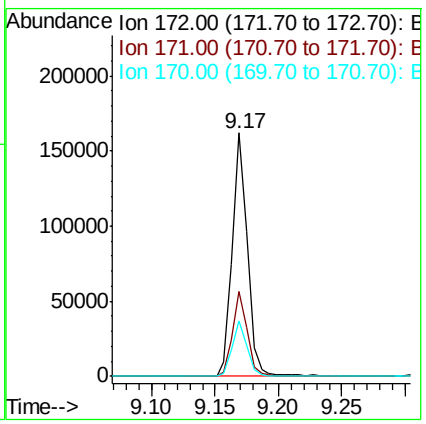


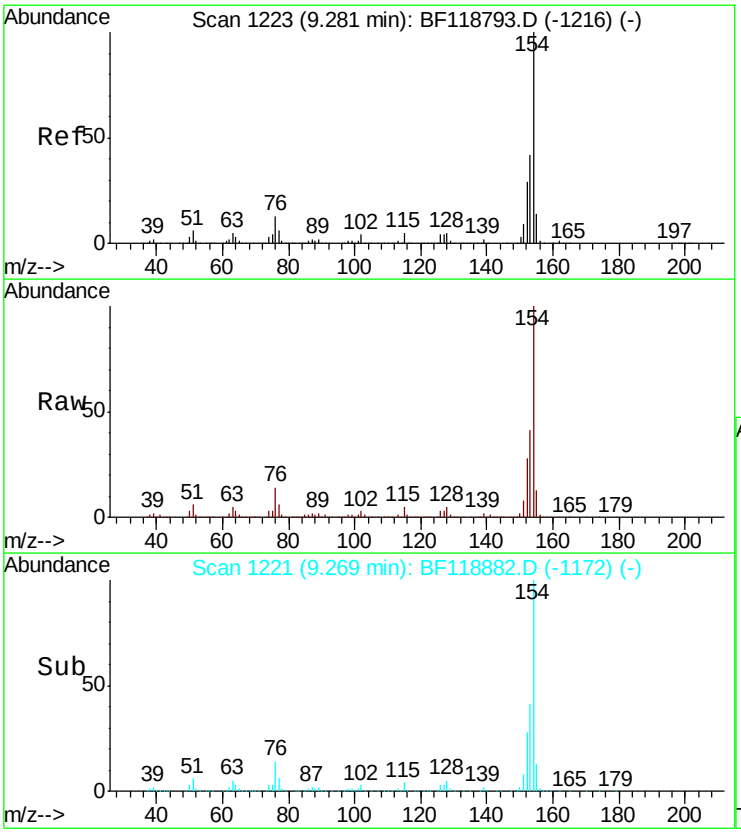
#45
2-Fluorobiphenyl
Concen: 6.005 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tgt Ion:172 Resp: 133334

Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.8	46.2
170	23.0	20.5	30.7

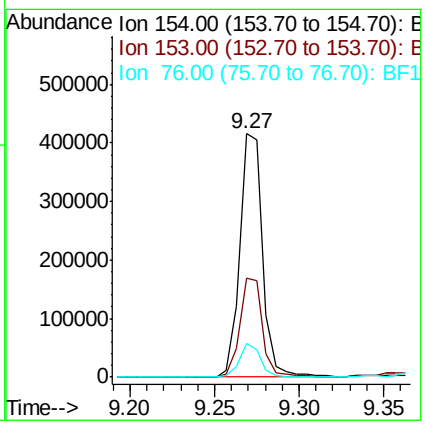


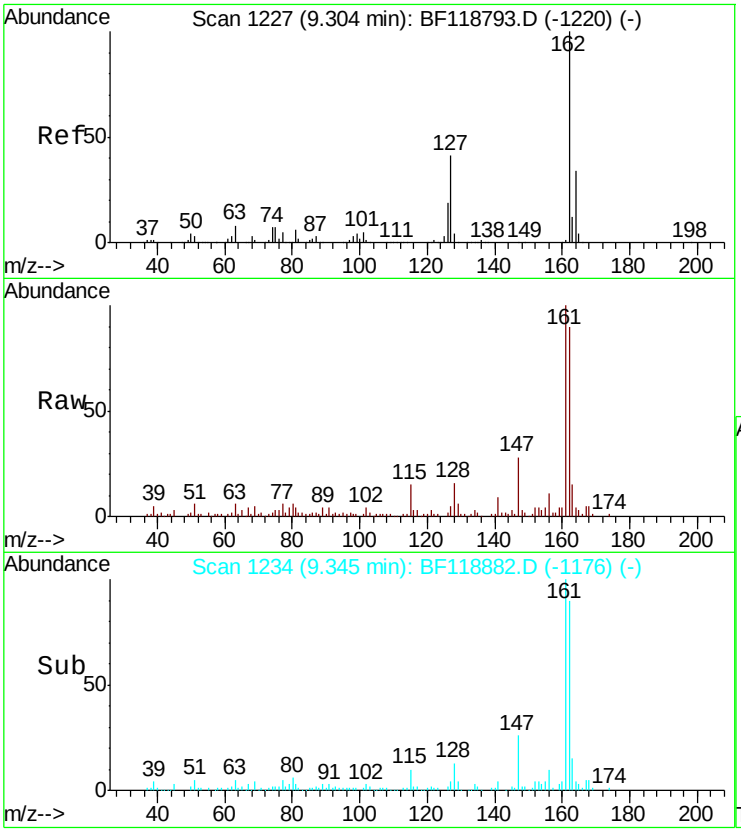


#46
1,1'-Biphenyl
Concen: 14.160 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion:154 Resp: 388785

Ion	Ratio	Lower	Upper
154	100		
153	40.6	22.4	62.4
76	13.6	0.0	32.7



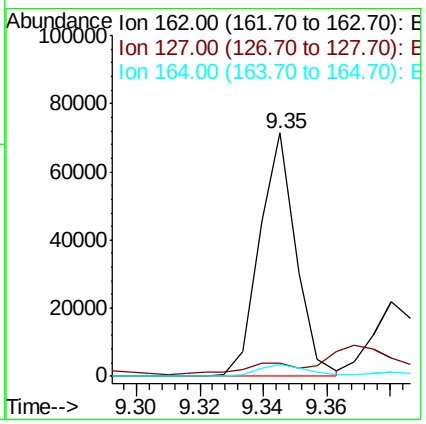


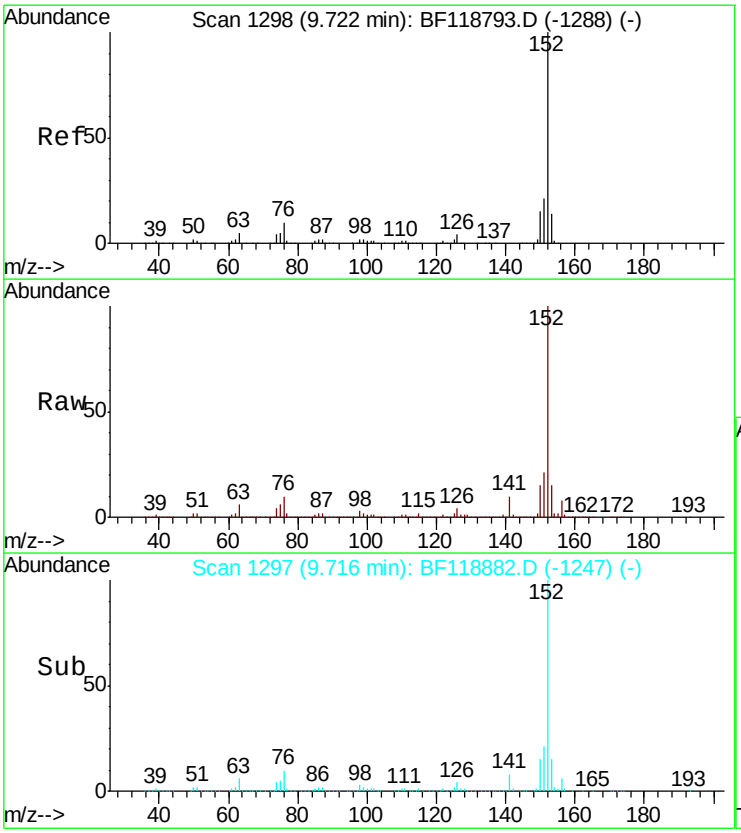
#47
2-Chloronaphthalene
Concen: 2.505 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.04 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tgt Ion:162 Resp: 57172

Ion	Ratio	Lower	Upper
162	100		
127	5.4	33.3	49.9#
164	4.8	27.1	40.7#

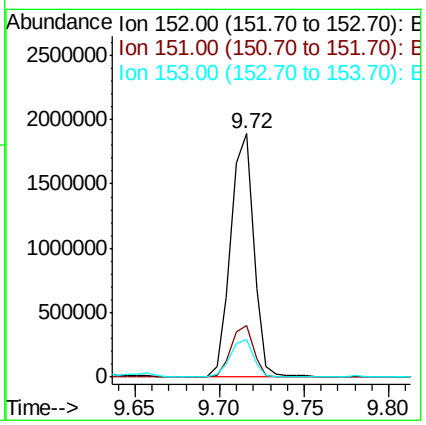


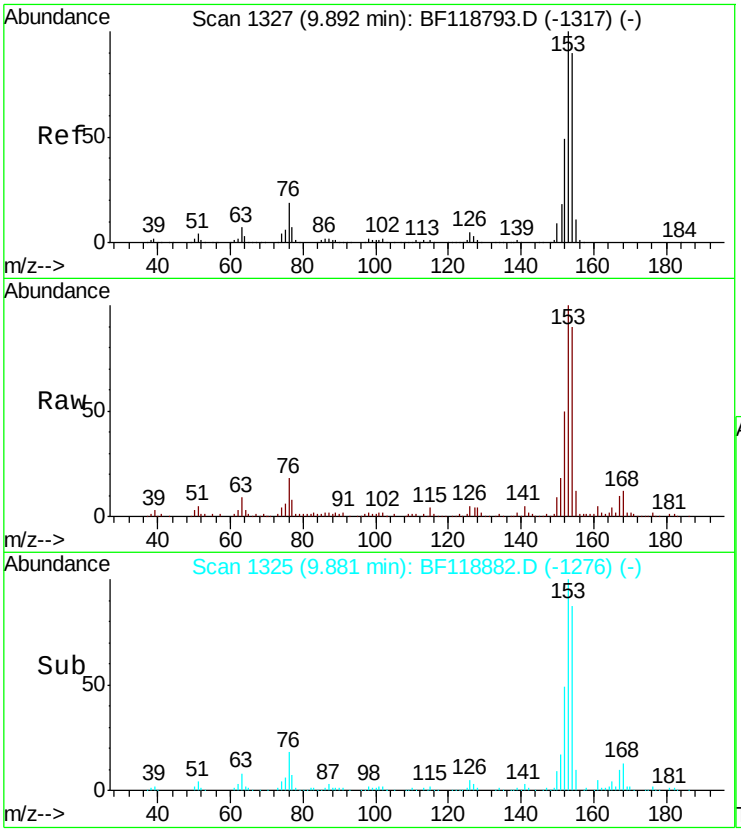


#49
Acenaphthylene
Concen: 54.479 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion:152 Resp: 1795438

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.1	25.7
153	15.2	11.0	16.4



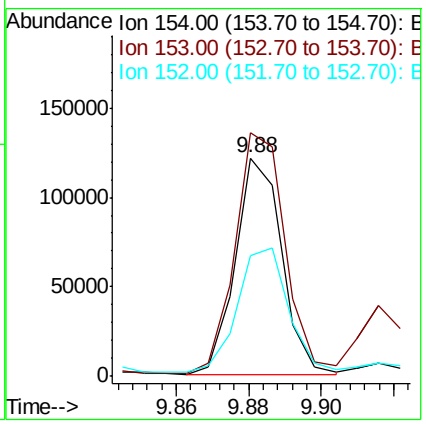


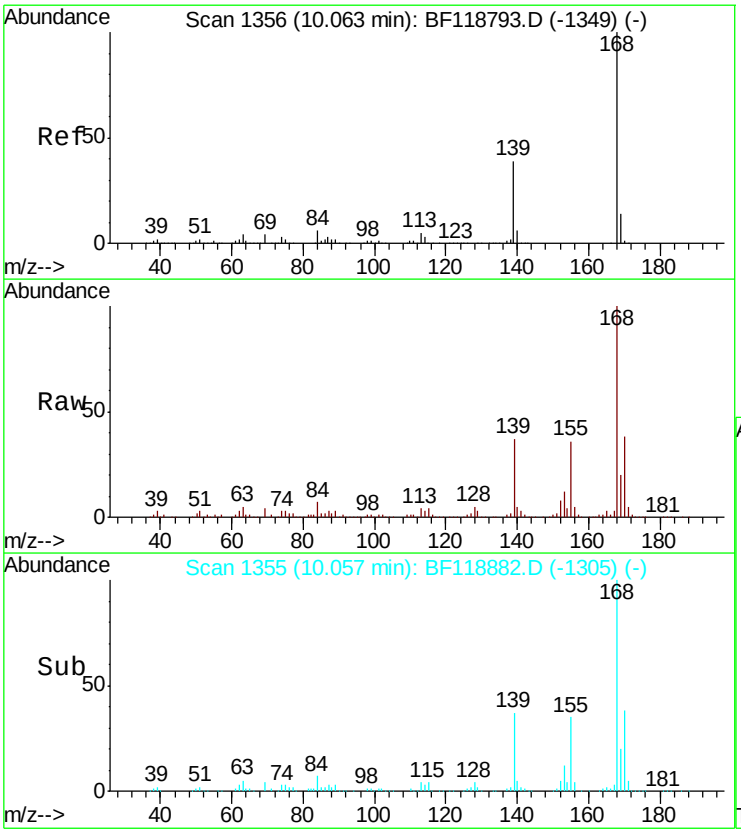
#52
Acenaphthene
Concen: 5.017 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tgt Ion:154 Resp: 108947

Ion	Ratio	Lower	Upper
154	100		
153	111.6	89.4	134.0
152	55.6	43.6	65.4

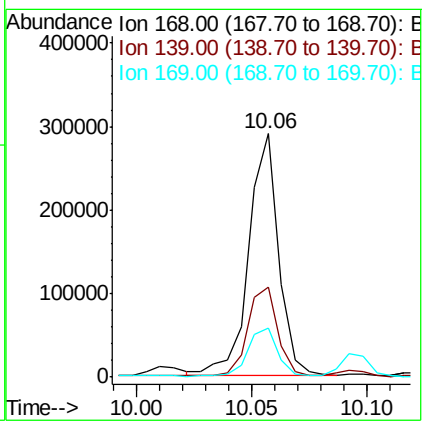


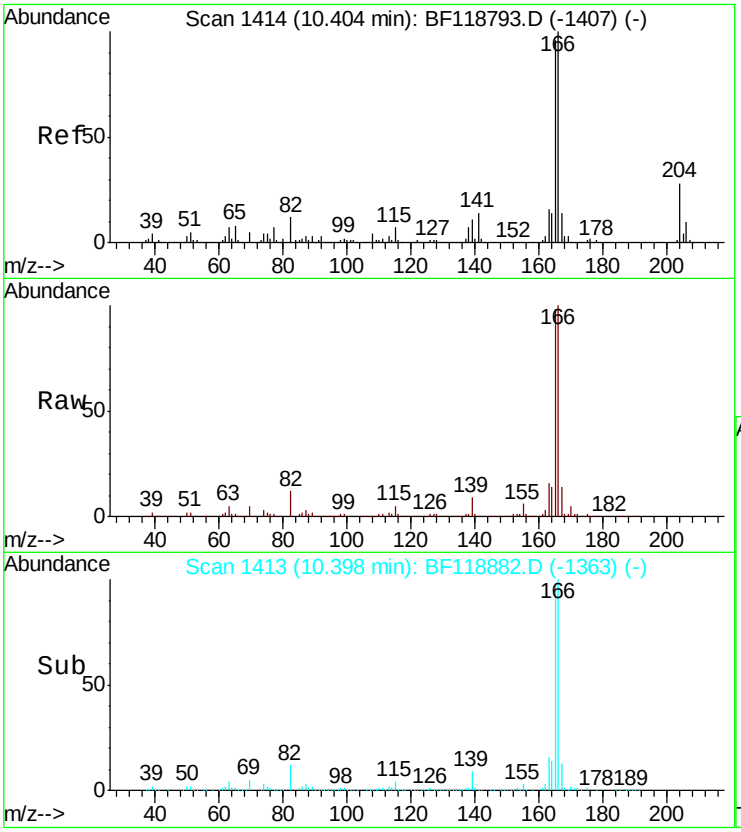


#55
Dibenzofuran
Concen: 8.381 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion:168 Resp: 263019

Ion	Ratio	Lower	Upper
168	100		
139	37.0	31.6	47.4
169	20.1	11.4	17.2#



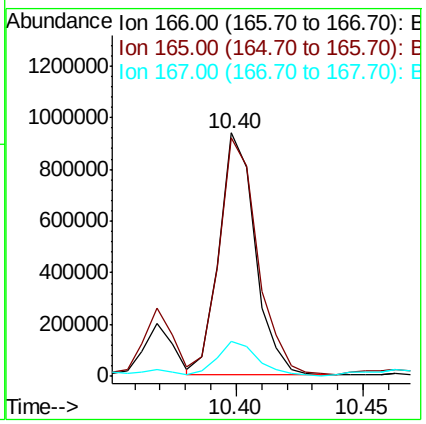


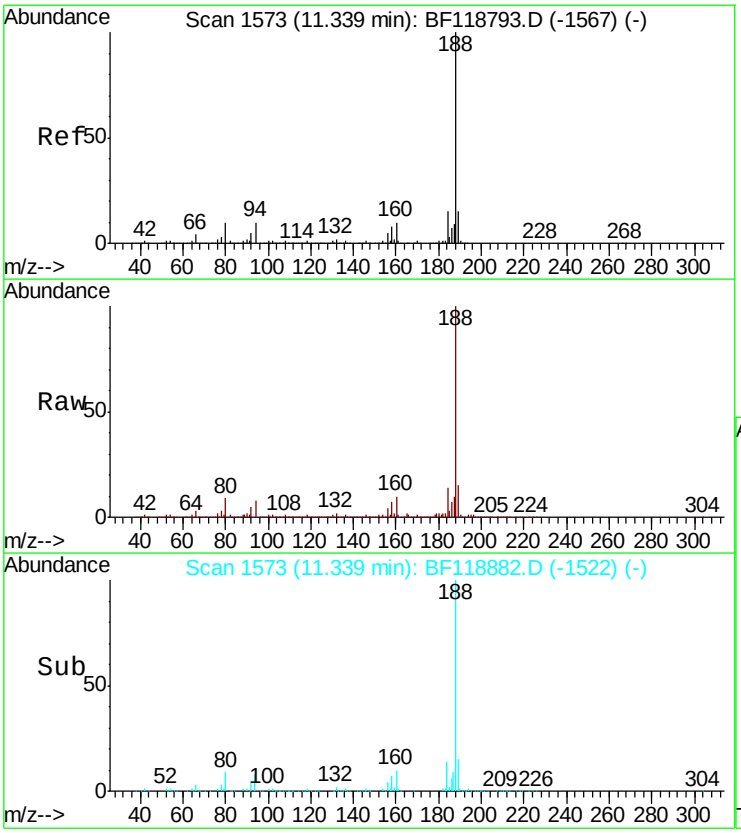
#58
Fluorene
Concen: 39.123 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tgt Ion:166 Resp: 923731

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.0	115.6
167	14.4	11.1	16.7

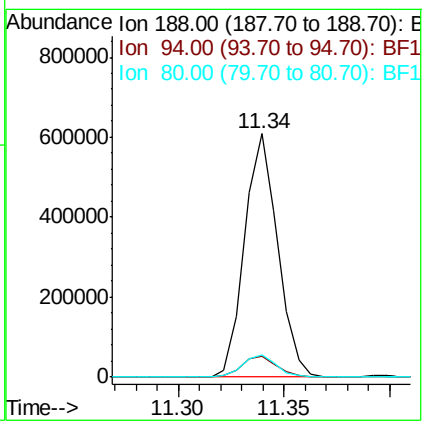


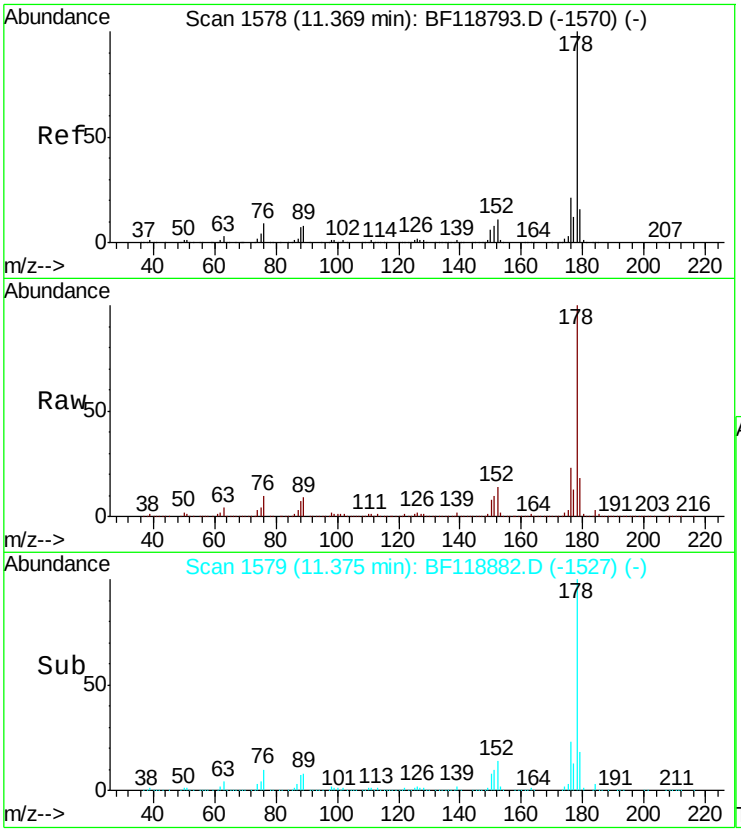


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion:188 Resp: 660885

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.9	11.9
80	8.9	8.4	12.6



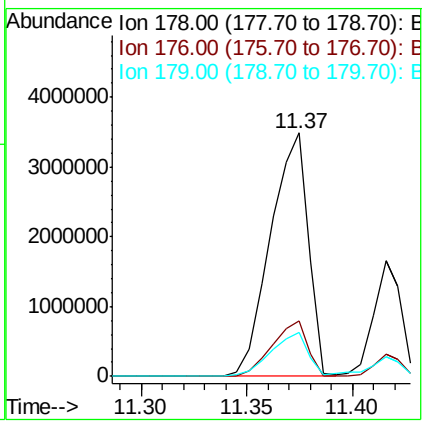


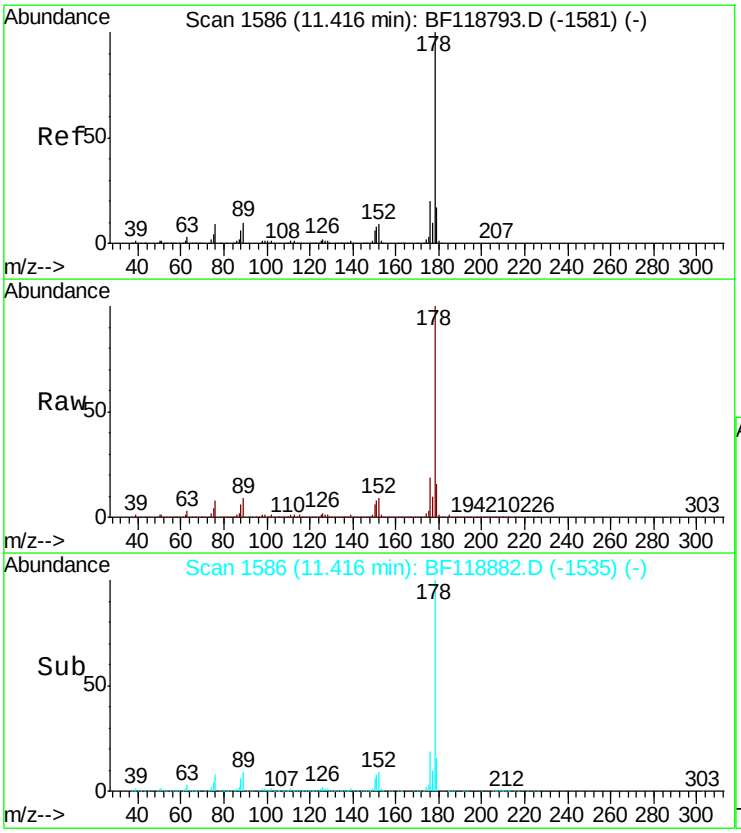
#71
Phenanthrene
Concen: 133.750 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tgt Ion:178 Resp: 4349098

Ion	Ratio	Lower	Upper
178	100		
176	22.6	16.6	24.8
179	17.8	13.2	19.8

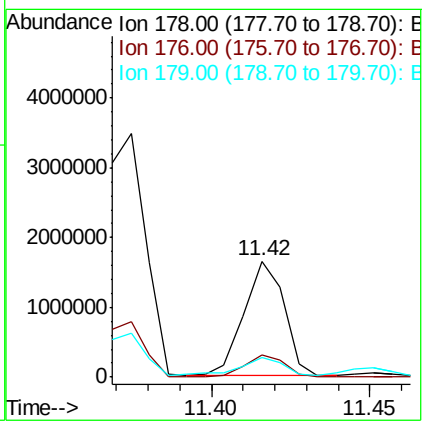


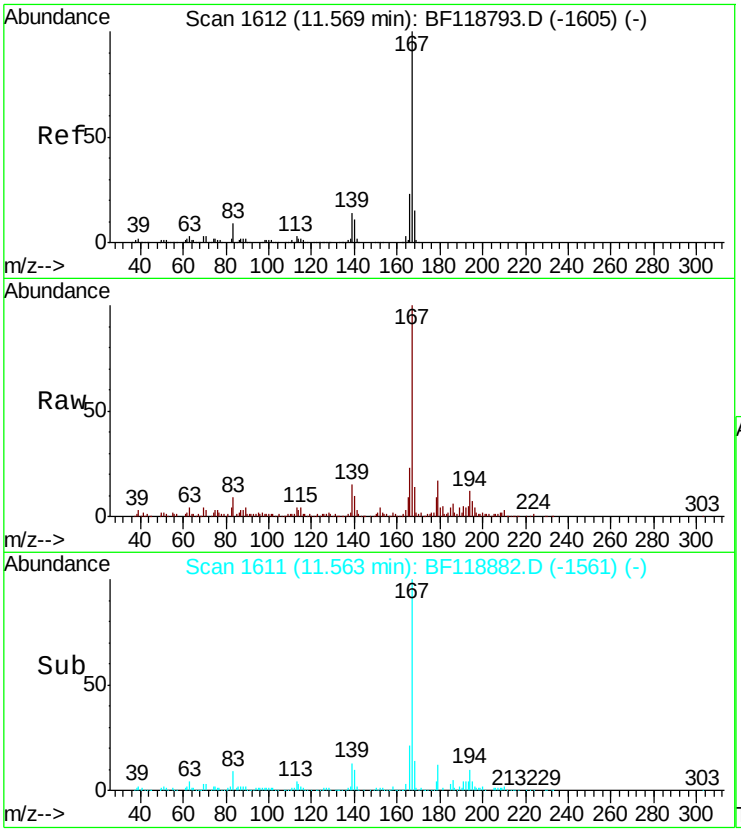


#72
Anthracene
Concen: 44.474 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion:178 Resp: 1438653

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.2
179	16.5	13.4	20.2



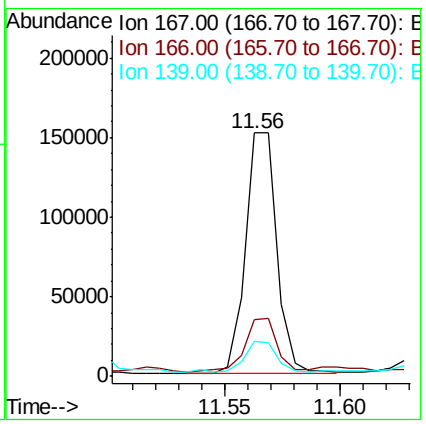


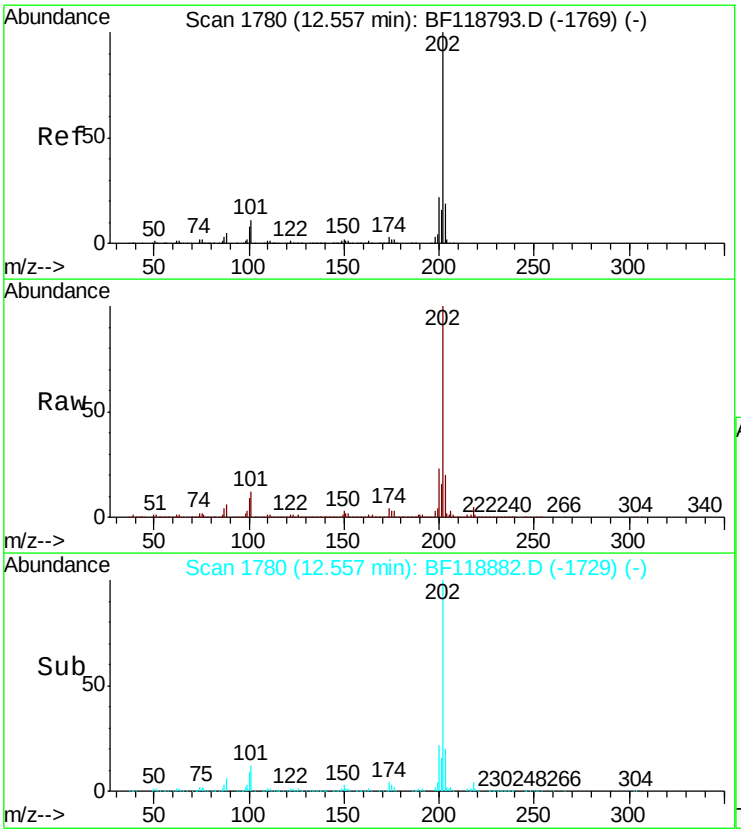
#73
Carbazole
Concen: 5.098 ng
RT: 11.56 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tgt Ion:167 Resp: 144724

Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.4	27.6
139	14.5	11.1	16.7

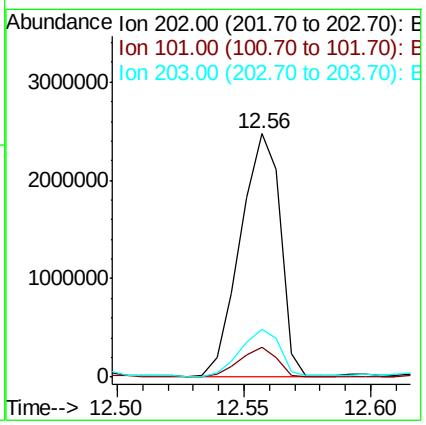


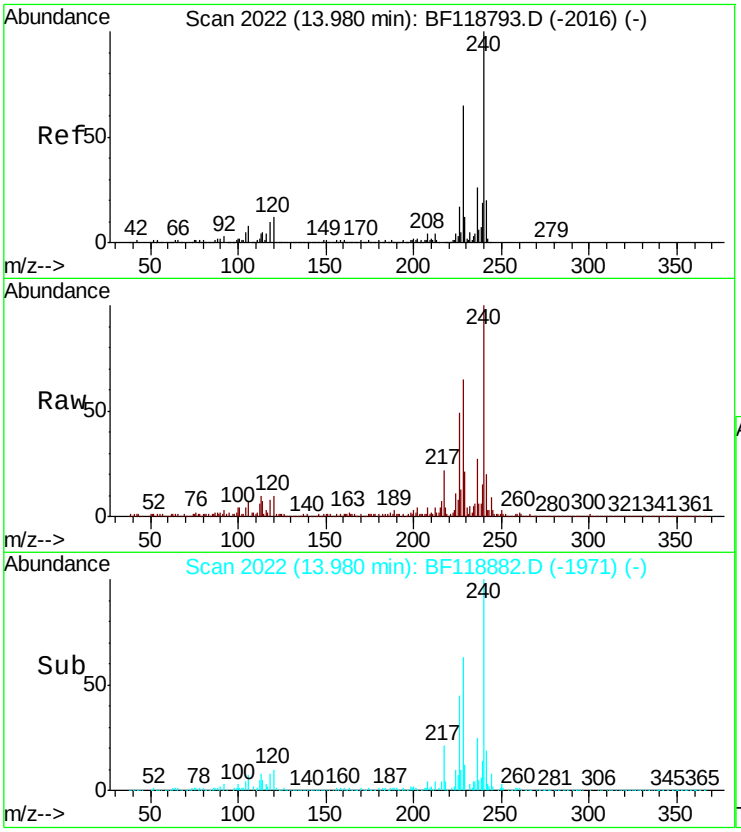


#75
Fluoranthene
Concen: 76.779 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion:202 Resp: 2725838

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.0
203	19.7	0.0	38.7



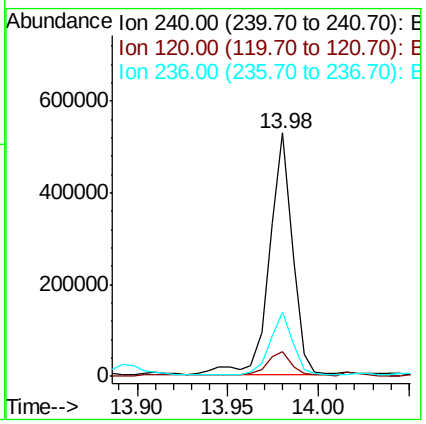


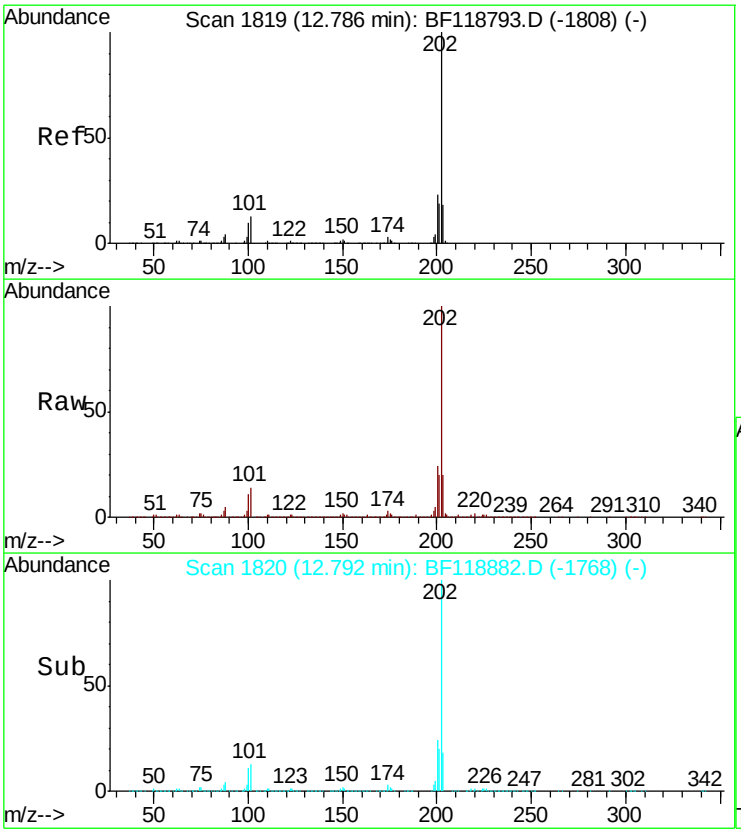
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tgt Ion:240 Resp: 463168

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.4	14.0
236	26.7	21.0	31.6

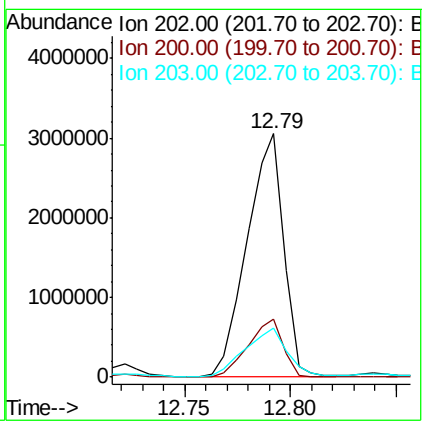


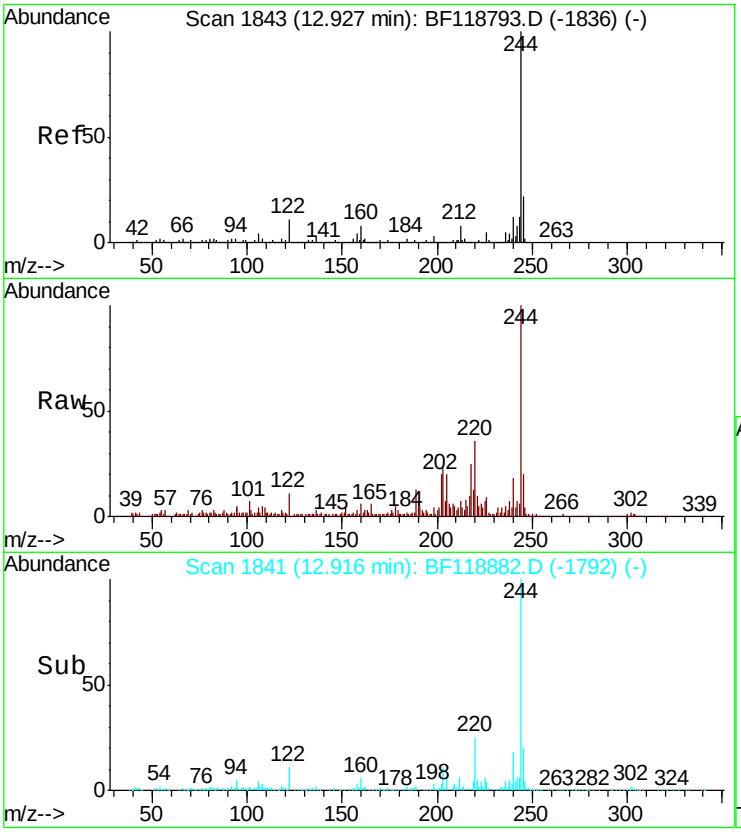


#78
Pyrene
Concen: 114.687 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion:202 Resp: 3644110

Ion	Ratio	Lower	Upper
202	100		
200	23.8	18.2	27.2
203	20.0	14.8	22.2



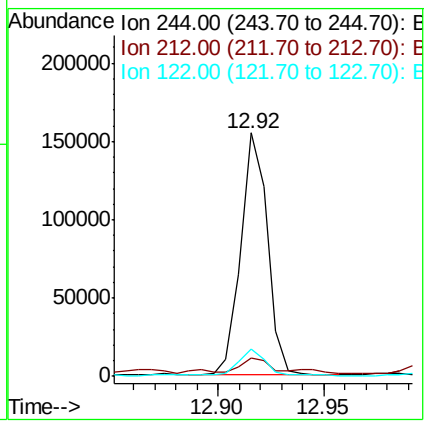


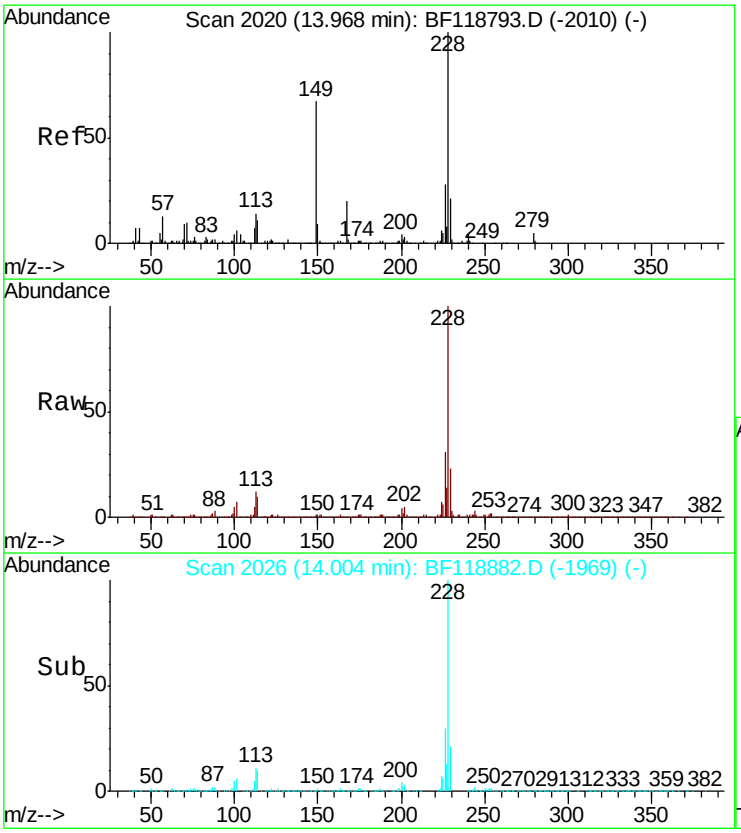
#79
Terphenyl-d14
Concen: 6.007 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tgt Ion:244 Resp: 135446

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	11.4	8.9	13.3

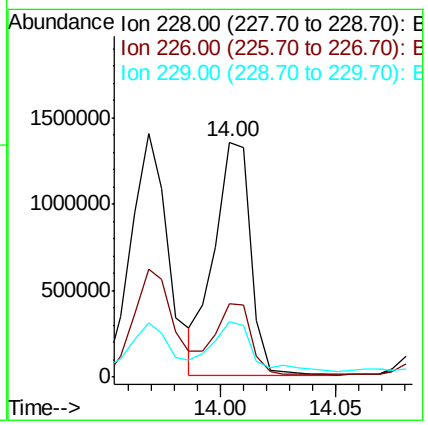


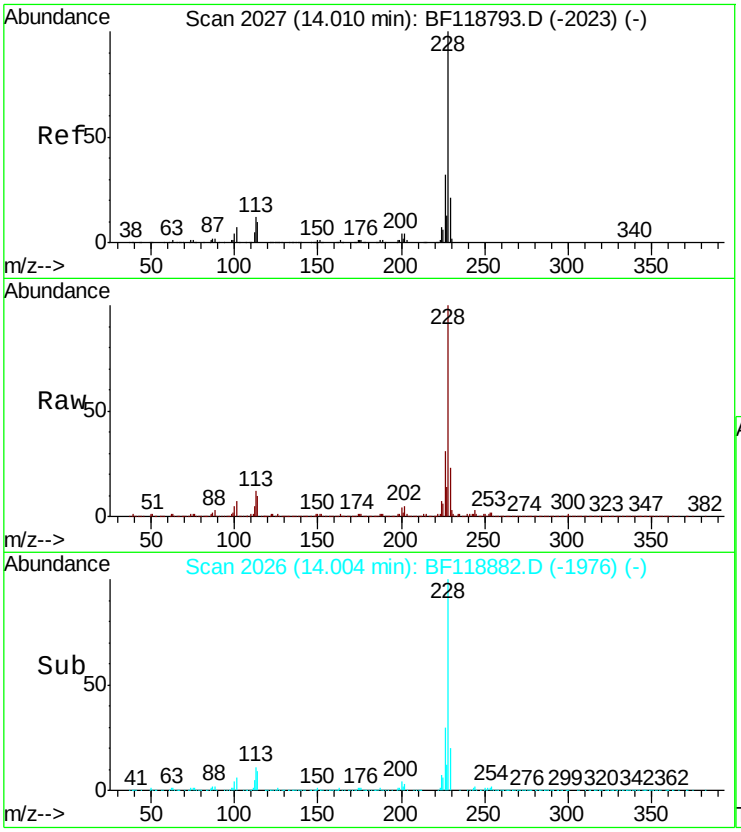


#81
Benzo(a)anthracene
Concen: 53.534 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.04 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion:228 Resp: 1475453

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.7	34.1
229	23.4	16.6	25.0



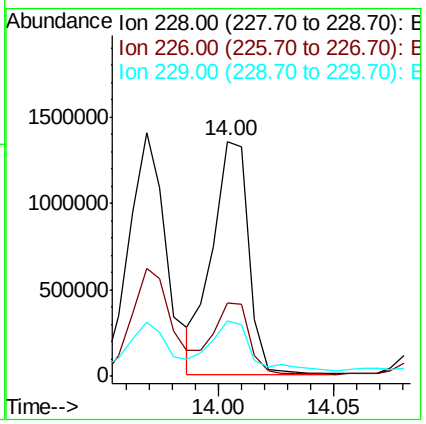


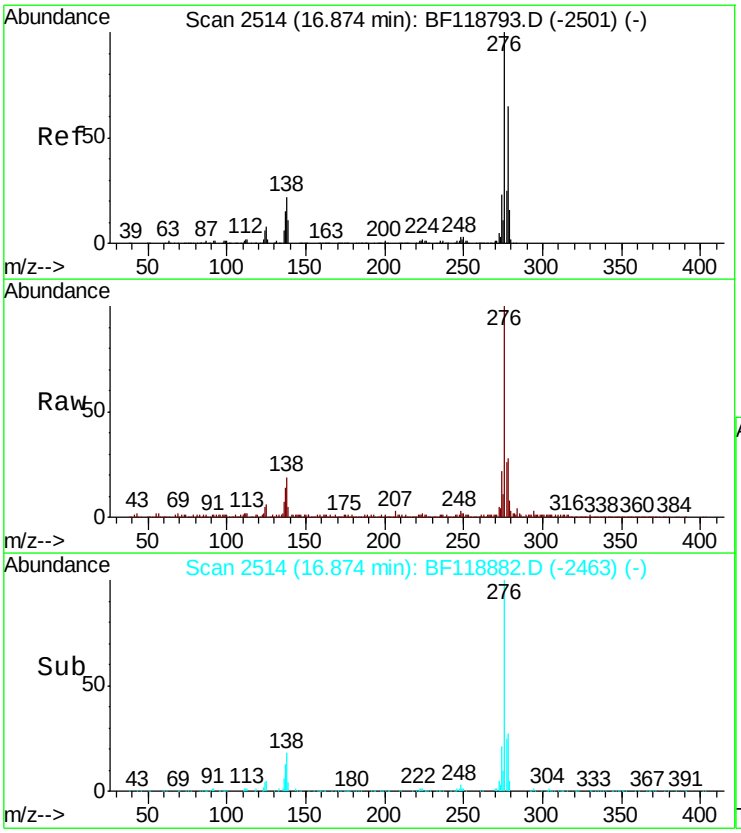
#83
Chrysene
Concen: 53.339 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tgt Ion:228 Resp: 1475453

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	23.4	16.9	25.3

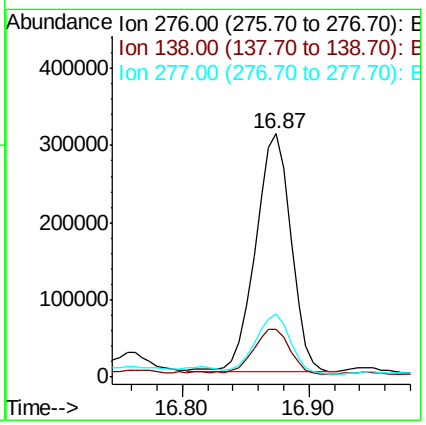


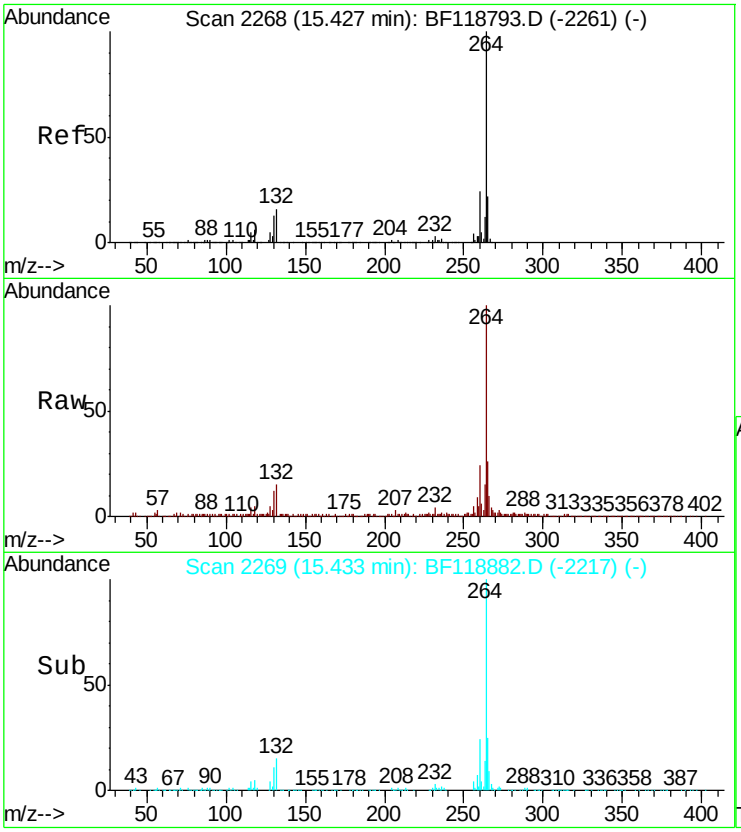


#86
Indeno(1,2,3-cd)pyrene
Concen: 21.721 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion:276 Resp: 603699

Ion	Ratio	Lower	Upper
276	100		
138	19.1	18.3	27.5
277	25.0	20.2	30.4



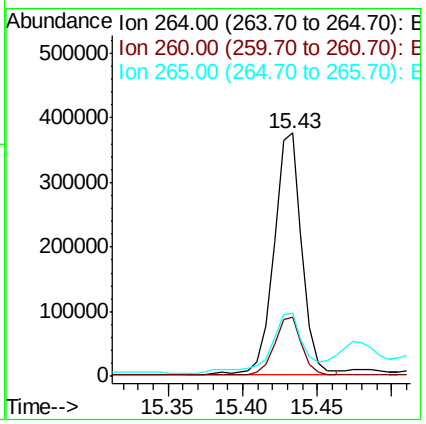


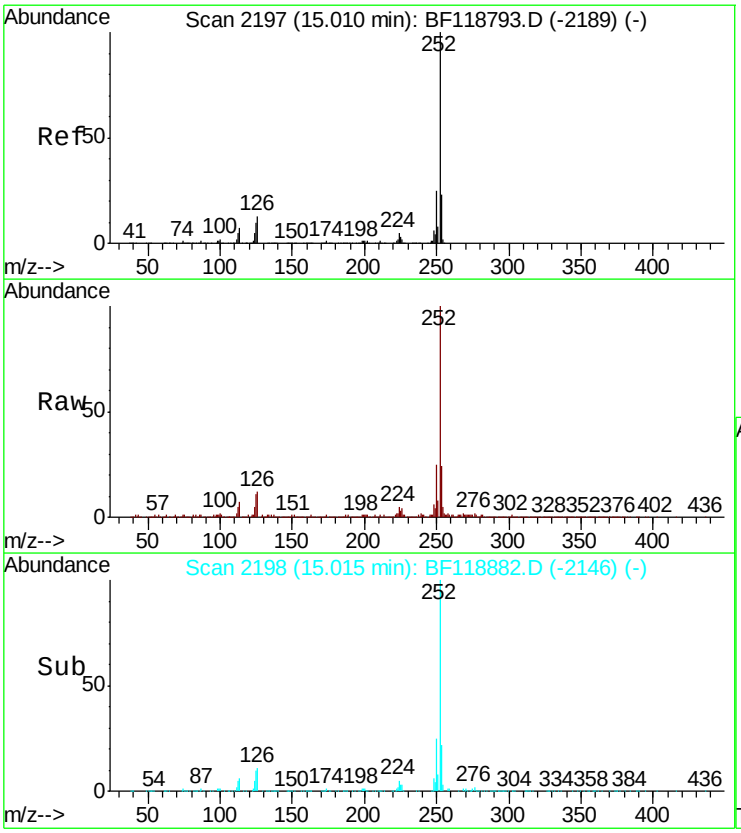
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tgt Ion:264 Resp: 488515

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	26.1	17.2	25.8#

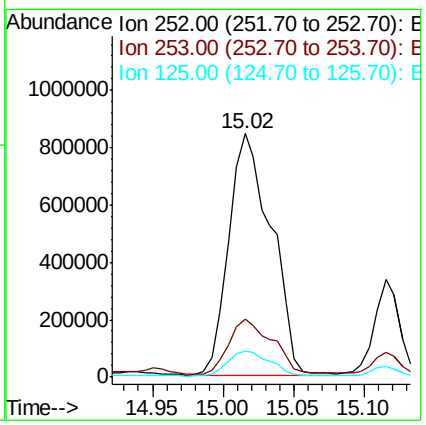


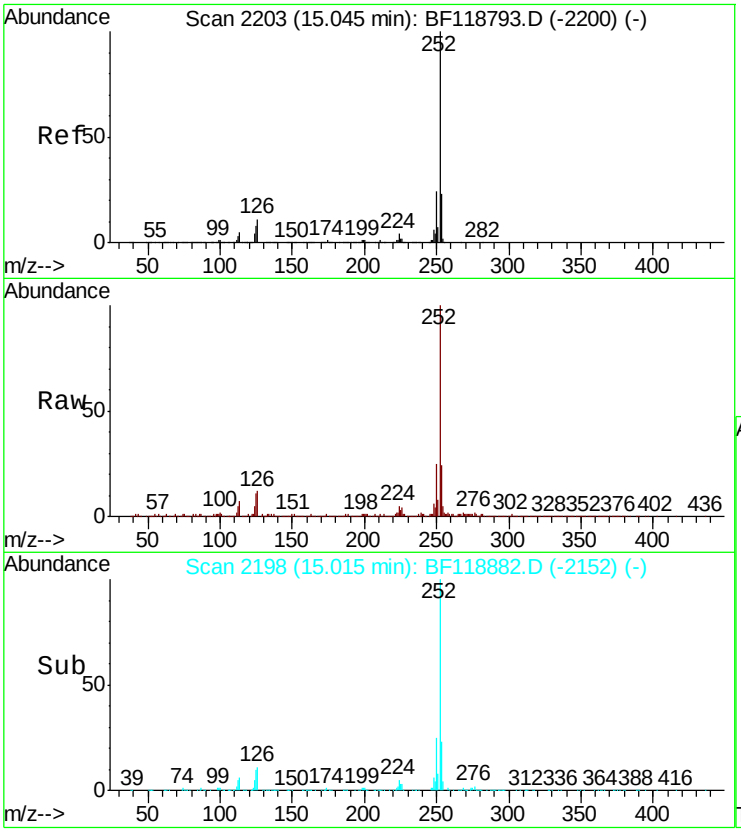


#88
Benzo(b)fluoranthene
Concen: 58.334 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion:252 Resp: 1768308

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	10.8	8.1	12.1



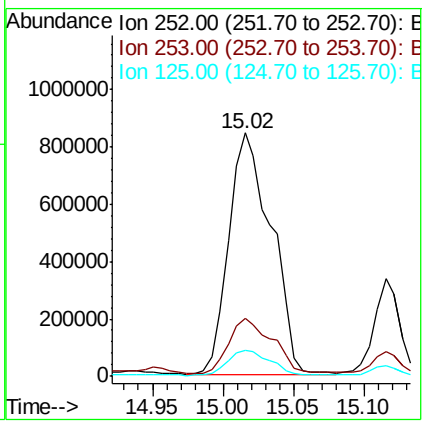


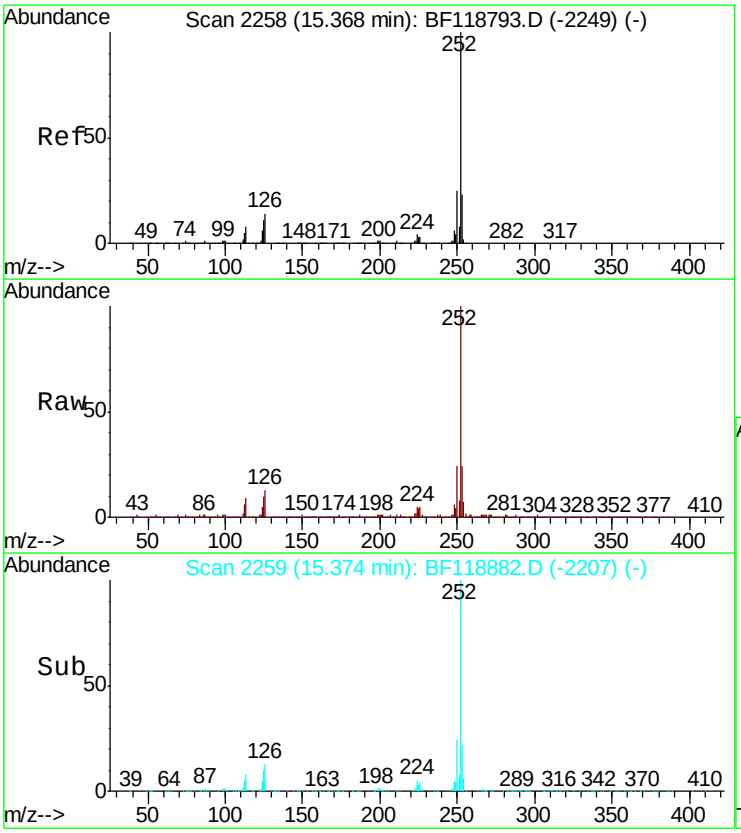
#89
Benzo(k)fluoranthene
Concen: 66.989 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.03 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tgt Ion:252 Resp: 1768308

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.4
125	10.8	7.0	10.6#

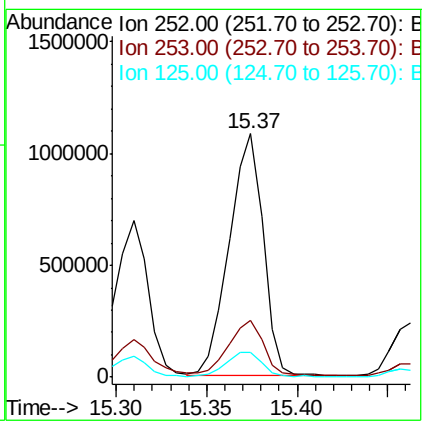


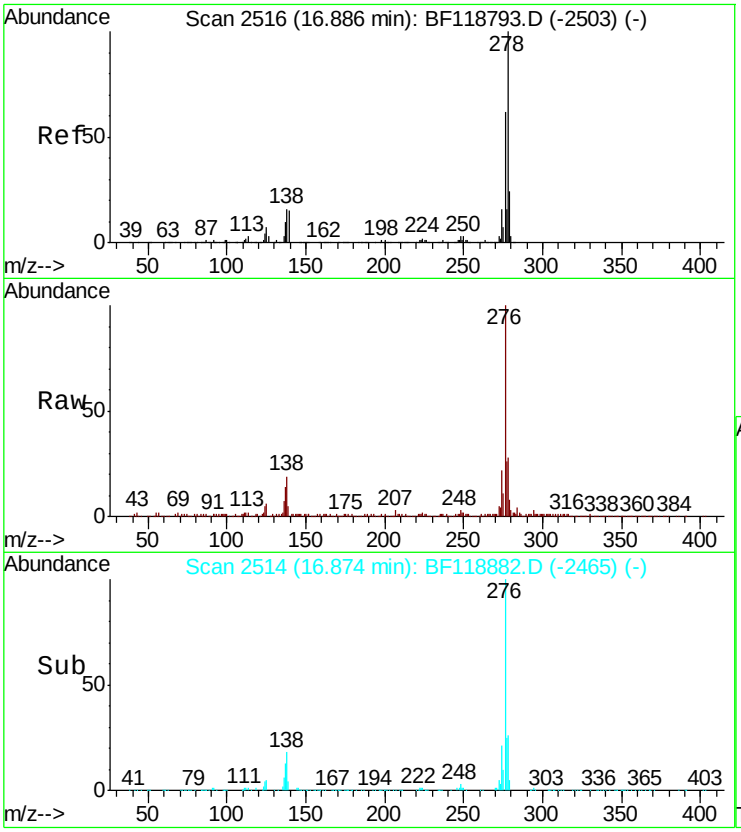


#90
Benzo(a)pyrene
Concen: 54.018 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion:252 Resp: 1401352

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	10.2	8.7	13.1



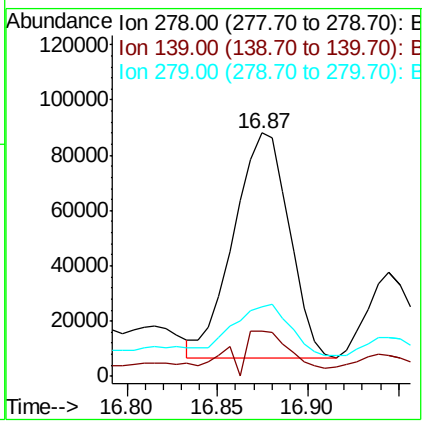


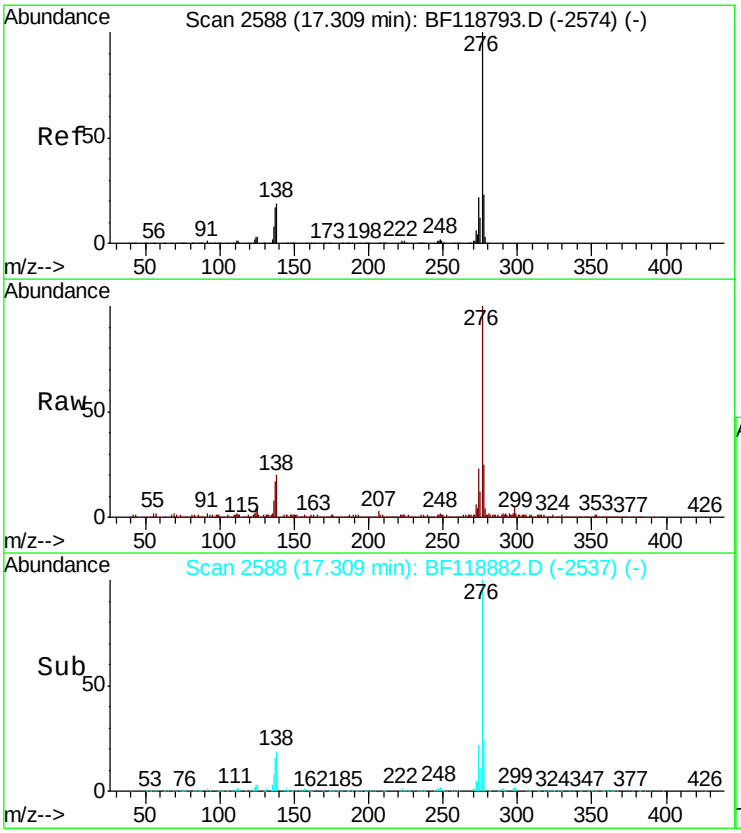
#91
Dibenzo(a,h)anthracene
Concen: 7.559 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tgt Ion:278 Resp: 174080

Ion	Ratio	Lower	Upper
278	100		
139	18.8	12.3	18.5#
279	28.3	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 29.811 ng
RT: 17.31 min Scan# 2588
Delta R.T. 0.00 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion:276 Resp: 660249

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.7	28.1
138	20.3	15.4	23.2