Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110927.D
Acq On : 21 Nov 2018 14:42
Operator : JU/SJ
Sample : J6024-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 21 17:16:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	60807	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	254710	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	118766	20.00	ng		-0.01
64) Phenanthrene-d10	11.48	188	213585	20.00	ng		0.00
76) Chrysene-d12	14.13	240	133970	20.00	ng		0.00
87) Perylene-d12	15.66	264	135045	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	346839	92.65	ng		0.00
7) Phenol-d6	6.57	99	472736	98.75	ng		0.00
23) Nitrobenzene-d5	7.50	82	309822	70.05	ng		-0.01
42) 2,4,6-Tribromophenol	10.78	330	87453	73.08	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	526989	63.37	ng		-0.01
79) Terphenyl-d14	13.06	244	375179	52.45	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	860	Below Cal		#	1
10) Phenol	6.58	94	25900	4.666	ng		80
19) n-Nitroso-di-n-propylamine	7.50	70	40610	13.290	ng	#	81
25) Isophorone	7.50	82	309822	42.739	ng	#	67
31) Naphthalene	8.25	128	36751	3.074	ng		100
50) Dimethylphthalate	9.70	163	31369	3.540	ng		99
51) 2,6-Dinitrotoluene	9.98	165	15503	7.952	ng	#	22
57) 2,4-Dinitrotoluene	9.98	165	15503	6.116	ng	#	19
67) 4-Bromophenyl-phenylether	10.78	248	5393	2.285	ng	#	1
71) Phenanthrene	11.50	178	84007	7.341	ng		98
72) Anthracene	11.56	178	24198	2.096	ng		96
75) Fluoranthene	12.70	202	90389	7.879	ng		98
78) Pyrene	12.93	202	83726	8.117	ng		97
81) Benzo(a)anthracene	14.16	228	33993	4.245	ng		94
83) Chrysene	14.16	228	33993	4.456	ng		98
86) Indeno(1,2,3-cd)pyrene	17.27	276	15507	2.833	ng		99
88) Benzo(b)fluoranthene	15.22	252	53433	6.614	ng	#	93
89) Benzo(k)fluoranthene	15.22	252	53433	6.693	ng	#	92
90) Benzo(a)pyrene	15.60	252	32266	4.396	ng	#	95
92) Benzo(g,h,i)perylene	17.75	276	16246	2.636	ng		96

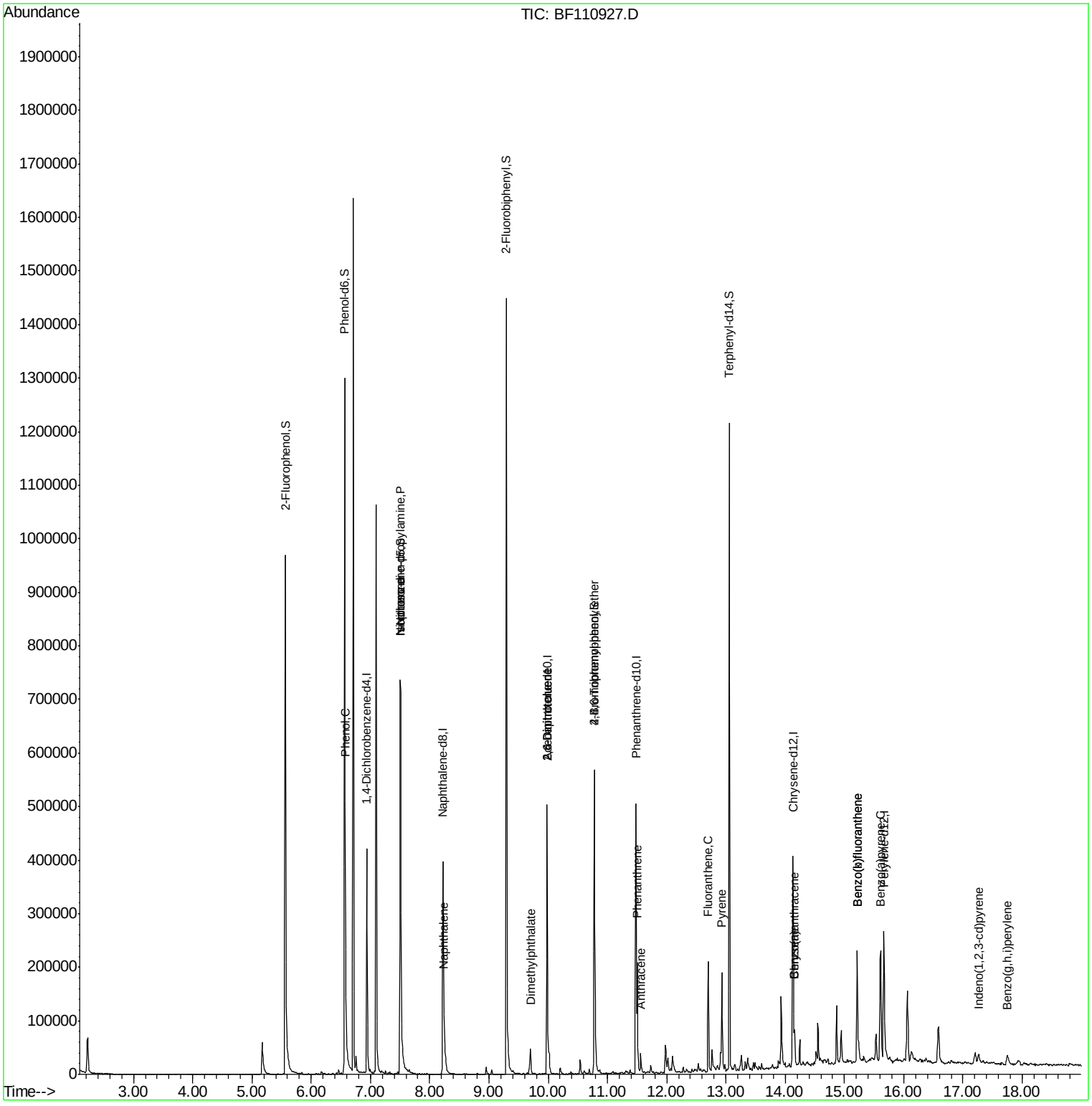
(#) = qualifier out of range (m) = manual integration (+) = signals summed

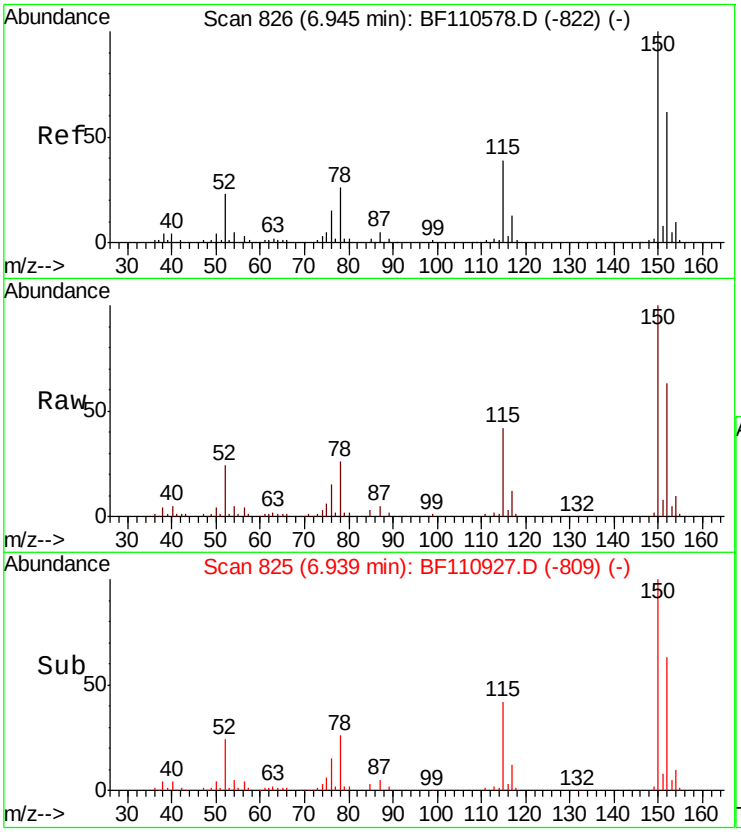
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110927.D
Acq On : 21 Nov 2018 14:42
Operator : JU/SJ
Sample : J6024-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 21 17:16:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration



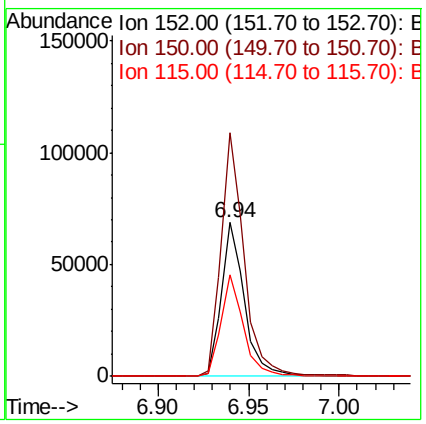


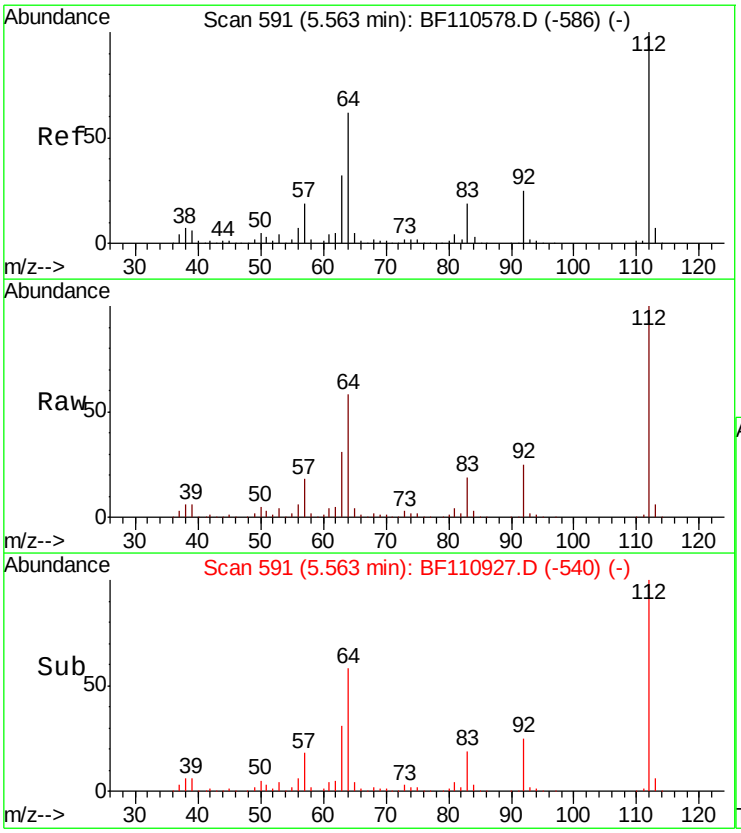
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 60807

Ion	Ratio	Lower	Upper
152	100		
150	158.4	122.7	184.1
115	66.1	49.1	73.7

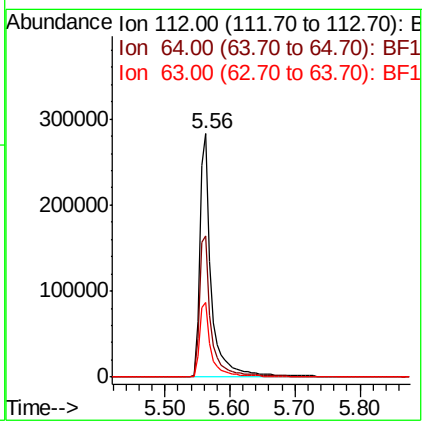


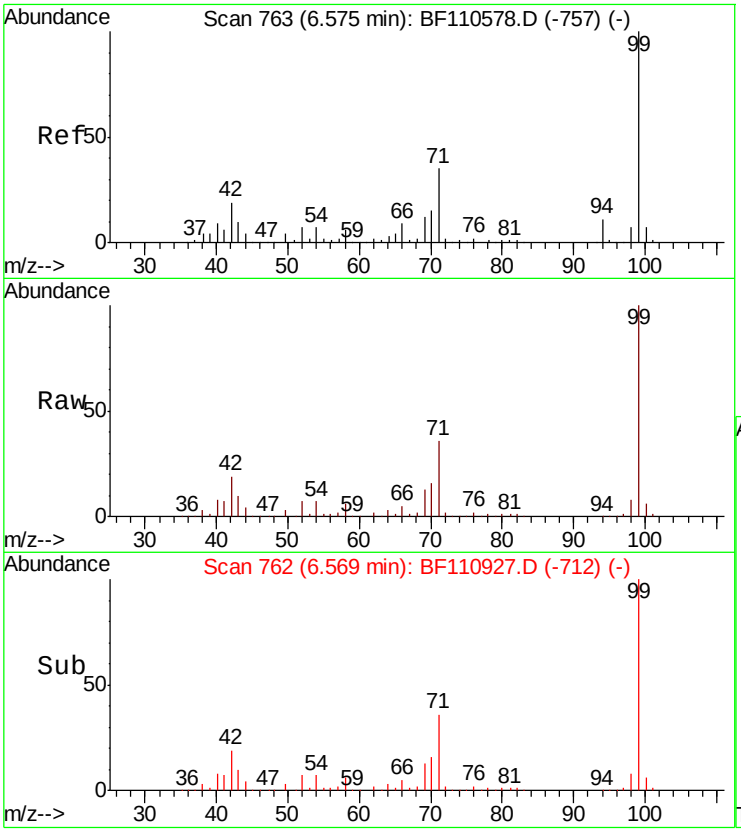


#5
2-Fluorophenol
Concen: 92.650 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Tgt Ion:112 Resp: 346839

Ion	Ratio	Lower	Upper
112	100		
64	58.3	44.1	66.1
63	30.9	23.7	35.5



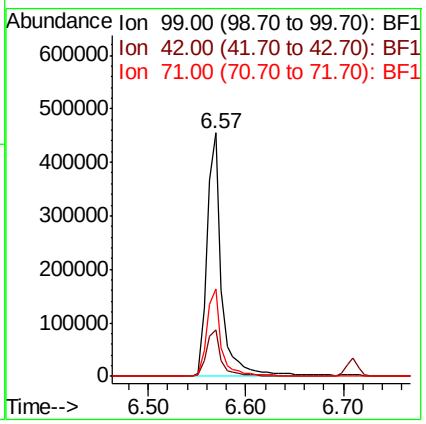


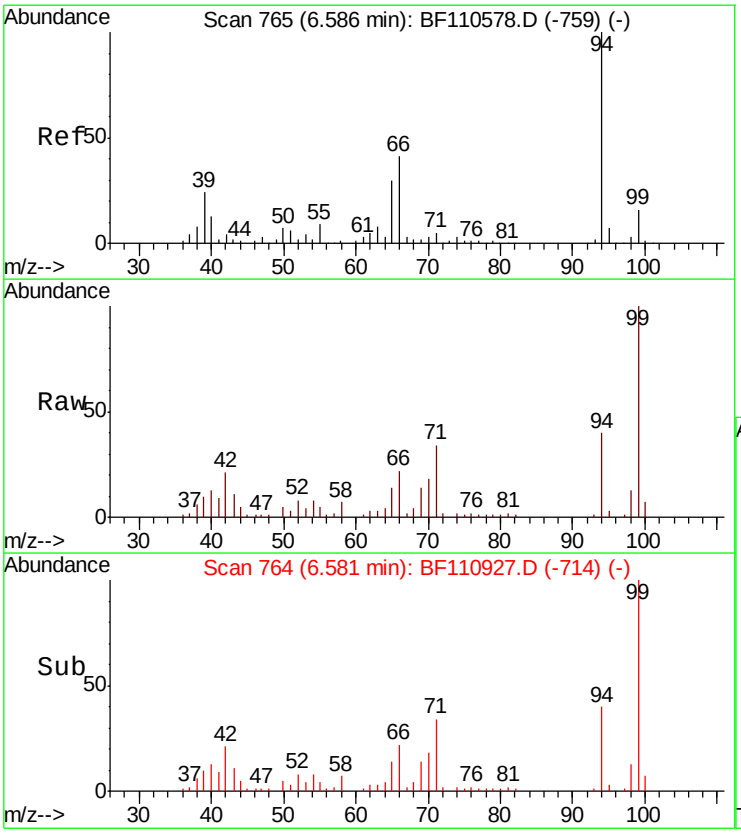
#7
Phenol-d6
Concen: 98.752 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 472736

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.8	23.6
71	35.7	28.0	42.0

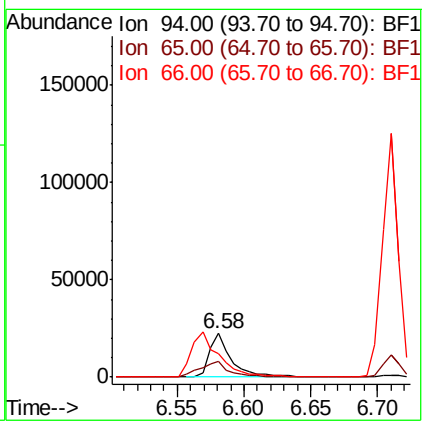


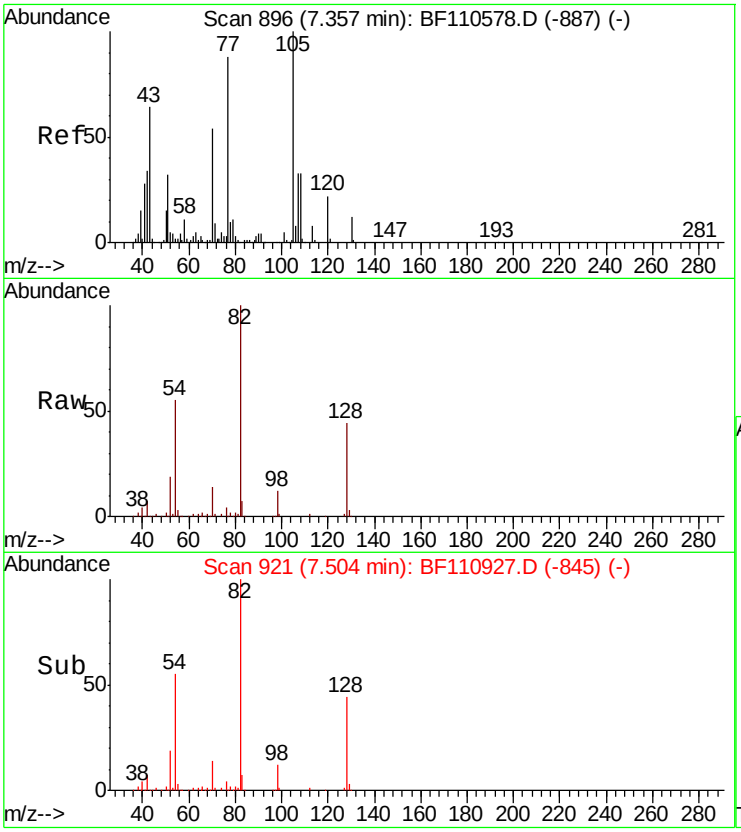


#10
Phenol
Concen: 4.666 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Tgt Ion: 94 Resp: 25900

Ion	Ratio	Lower	Upper
94	100		
65	34.9	25.3	65.3
66	54.8	54.5	94.5



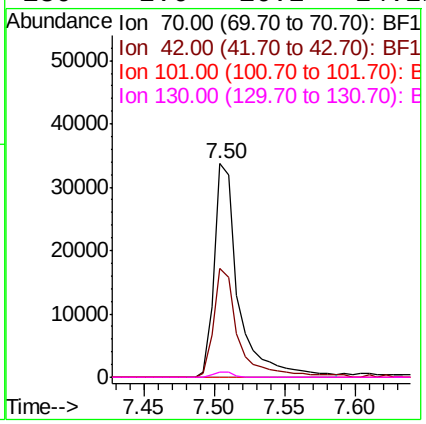


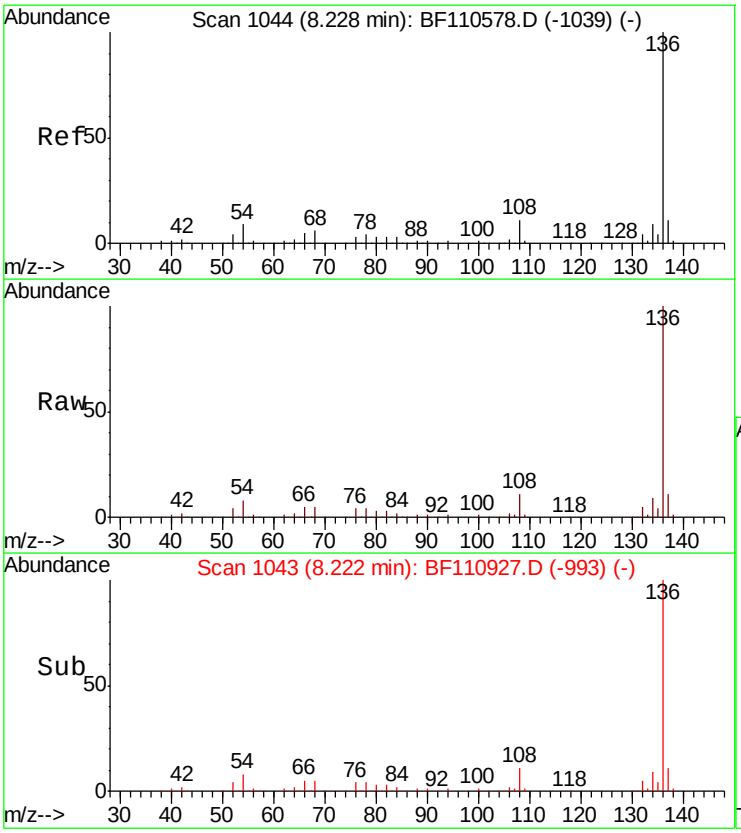
#19
n-Nitroso-di-n-propylamine
Concen: 13.290 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 40610

Ion	Ratio	Lower	Upper
70	100		
42	50.9	47.4	71.2
101	0.0	7.3	10.9#
130	2.6	16.2	24.2#

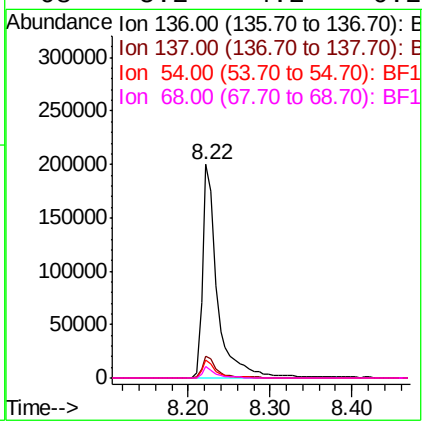


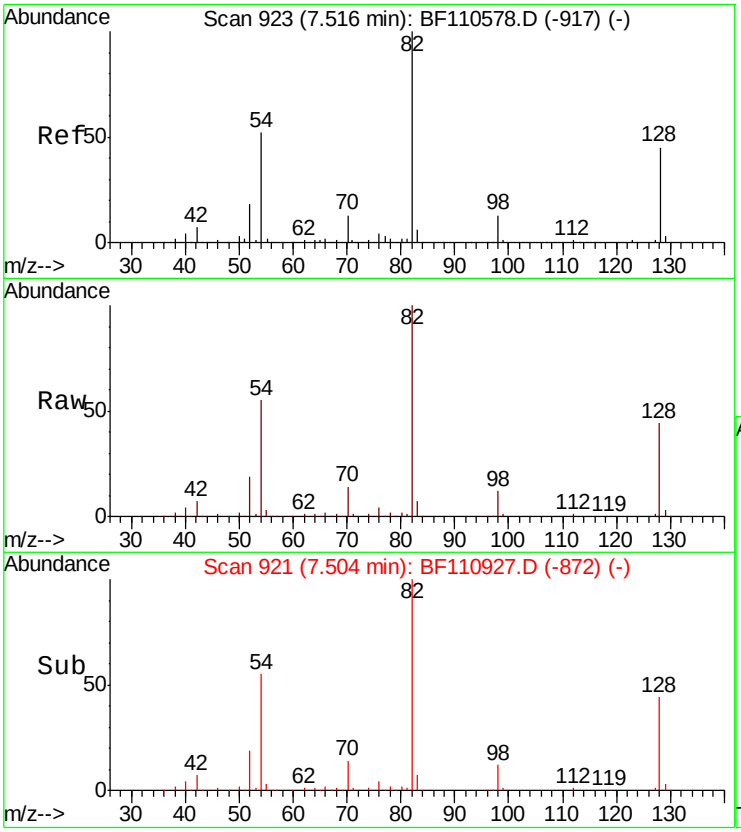


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Tgt Ion:136 Resp: 254710

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.1	5.4	8.2
68	5.2	4.2	6.2



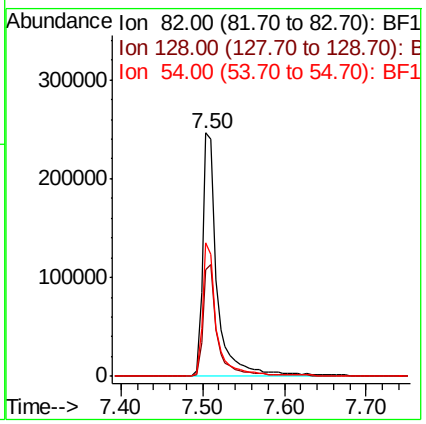


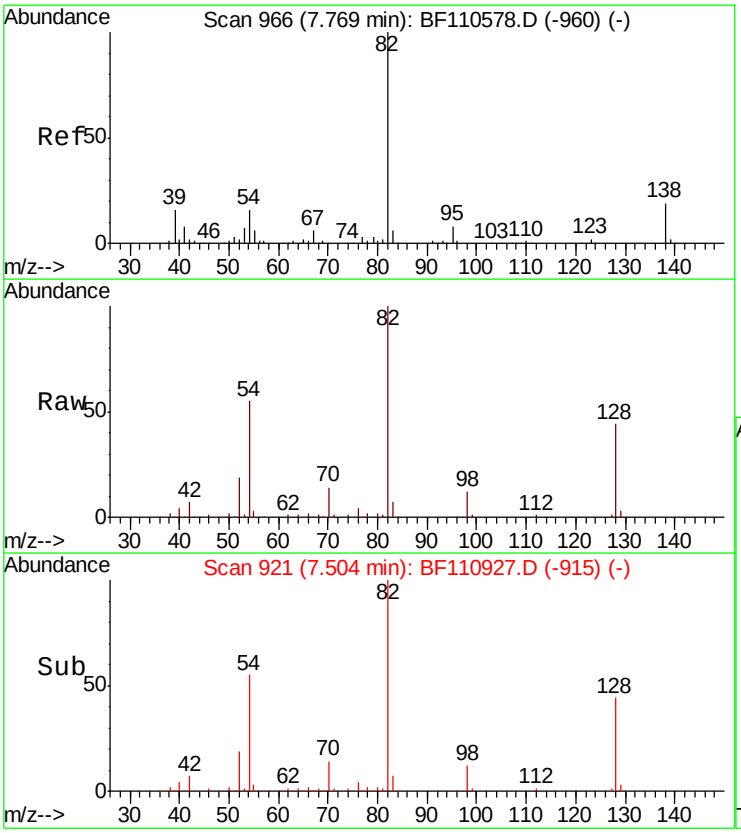
#23
Nitrobenzene-d5
Concen: 70.050 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 309822

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.2	51.2
54	54.6	38.6	58.0

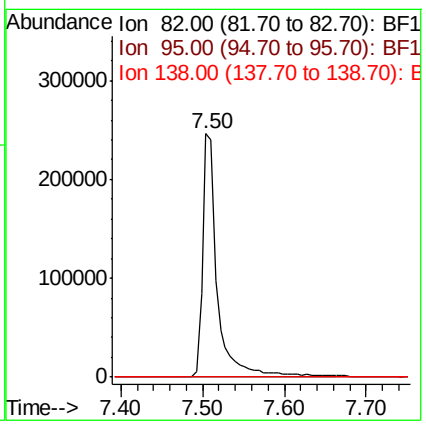


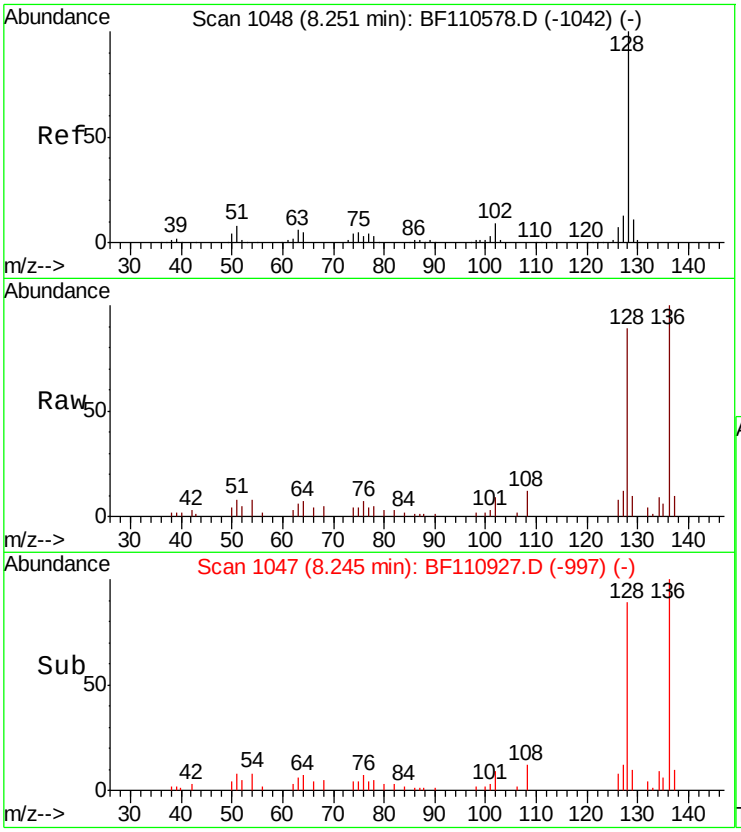


#25
Isophorone
Concen: 42.739 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Tgt Ion: 82 Resp: 309822

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



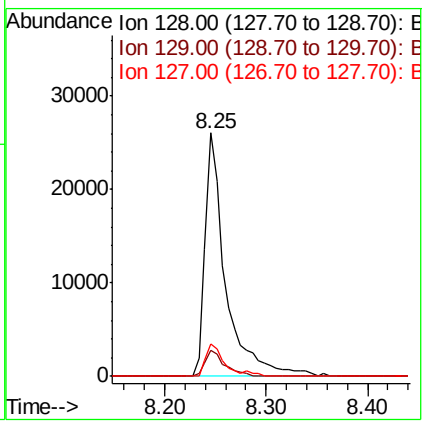


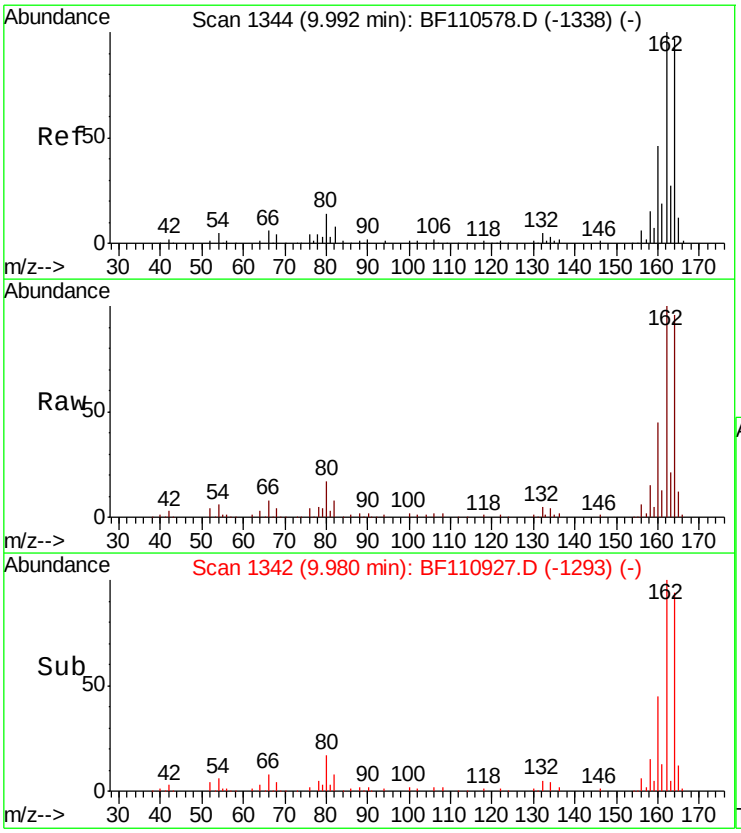
#31
Naphthalene
Concen: 3.074 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 36751

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.4	10.8	16.2

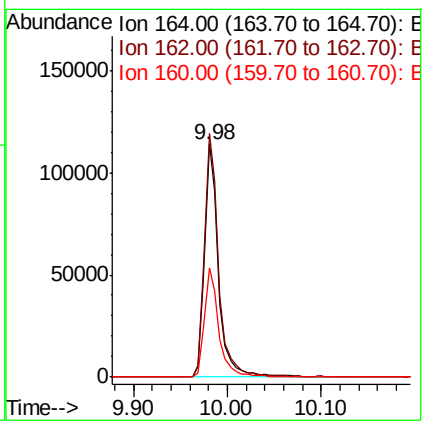


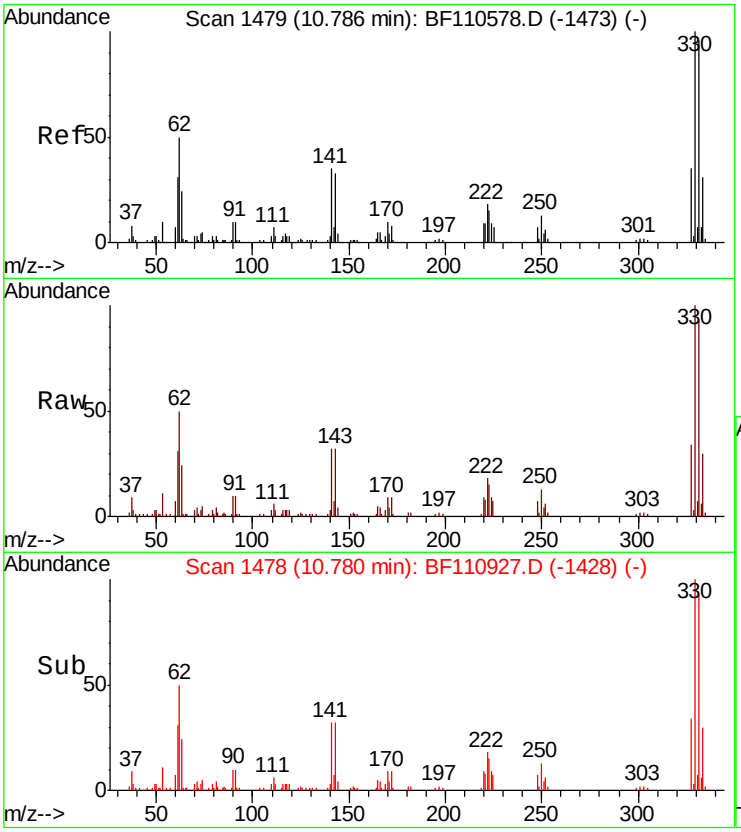


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Tgt Ion:164 Resp: 118766

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.0	124.6
160	46.8	37.0	55.6



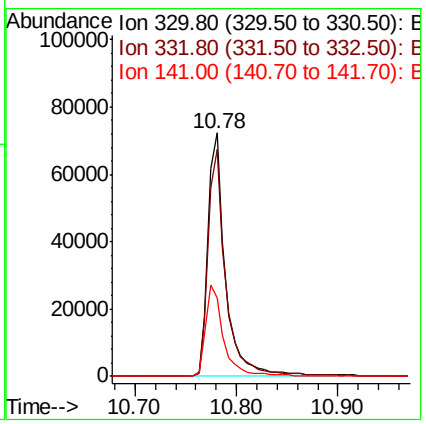


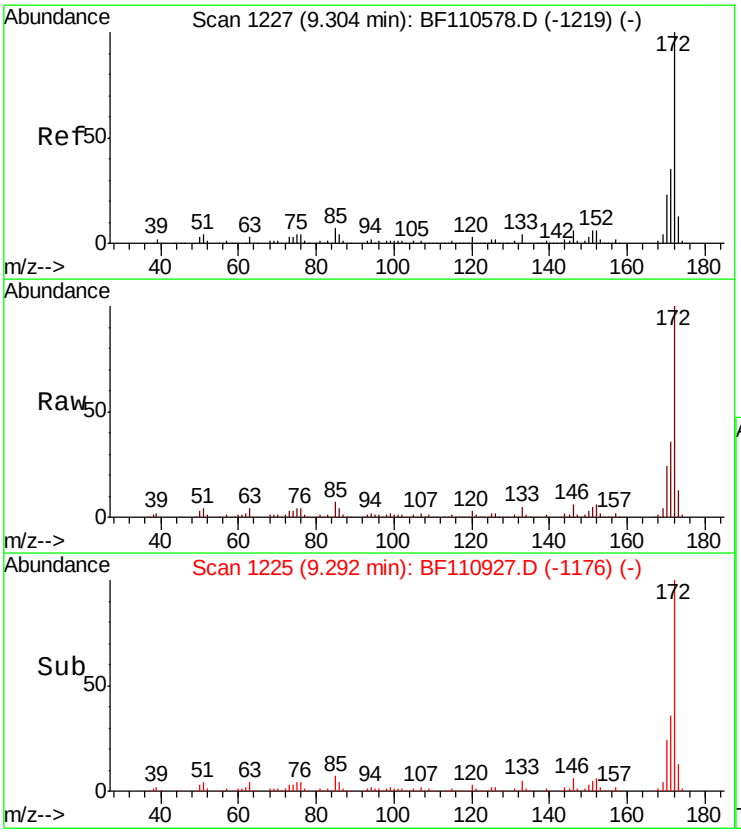
#42
2,4,6-Tribromophenol
Concen: 73.078 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 87453

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.1	115.7
141	38.0	27.0	40.4

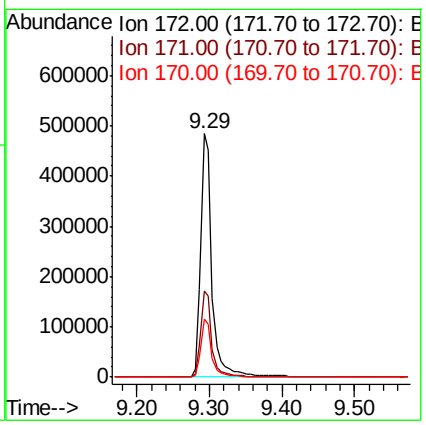


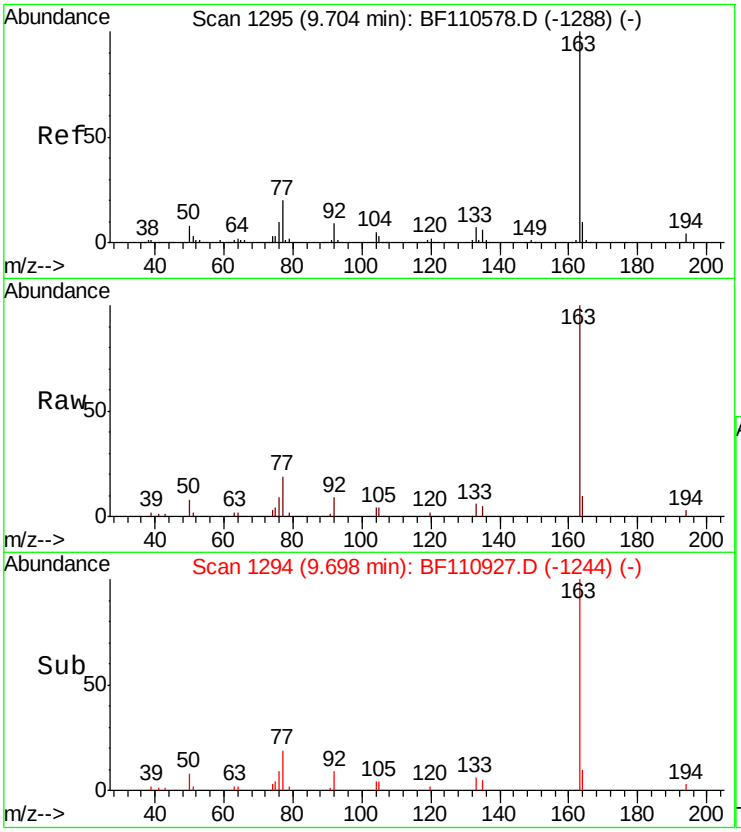


#45
2-Fluorobiphenyl
Concen: 63.371 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Tgt Ion:172 Resp: 526989

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.9	19.7	29.5



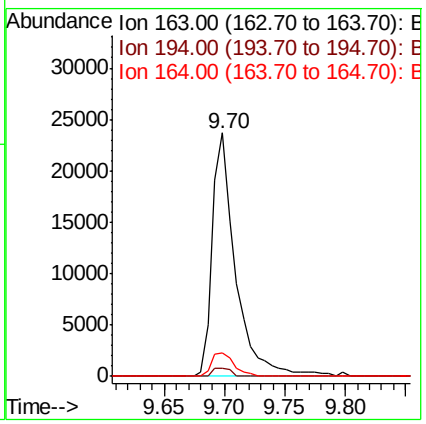


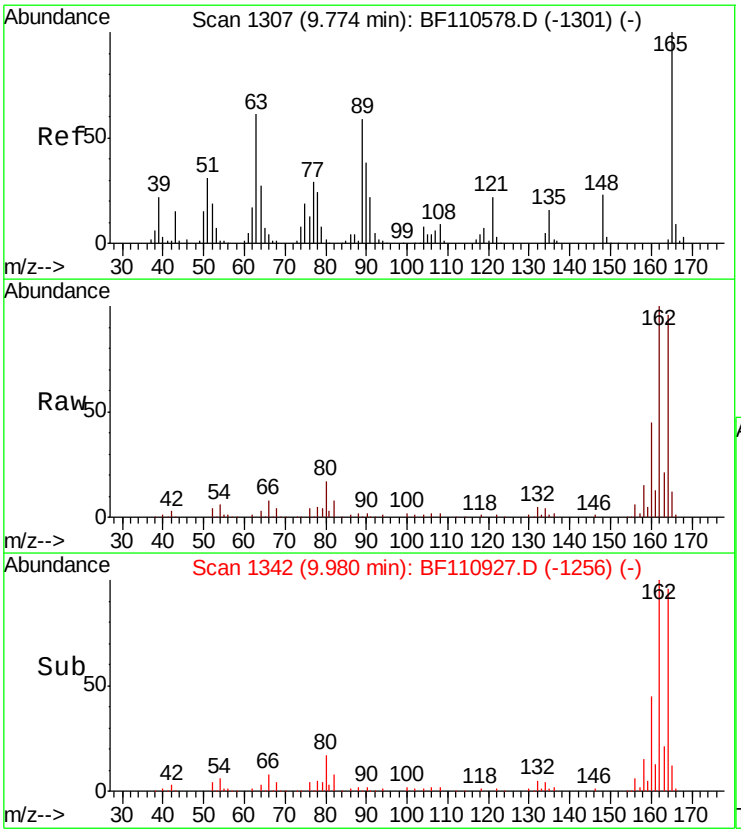
#50
Dimethylphthalate
Concen: 3.540 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 31369

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.2	4.8
164	9.7	8.1	12.1

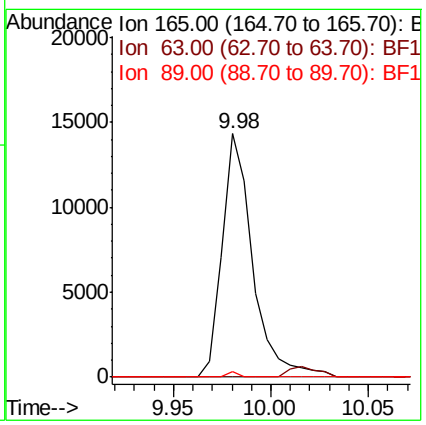


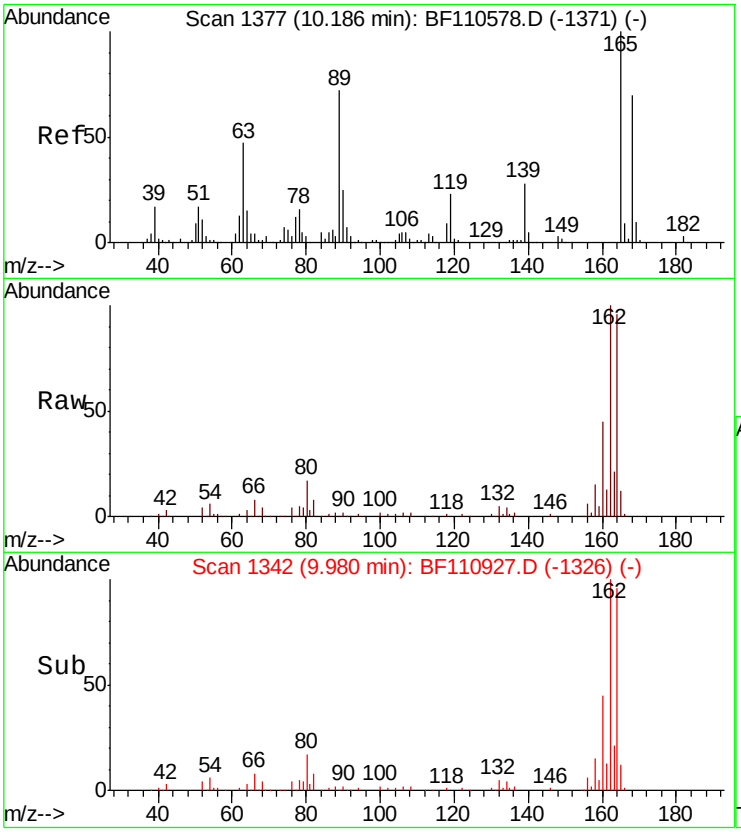


#51
2,6-Dinitrotoluene
Concen: 7.952 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Tgt Ion:165 Resp: 15503

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	2.1	46.6	69.8#



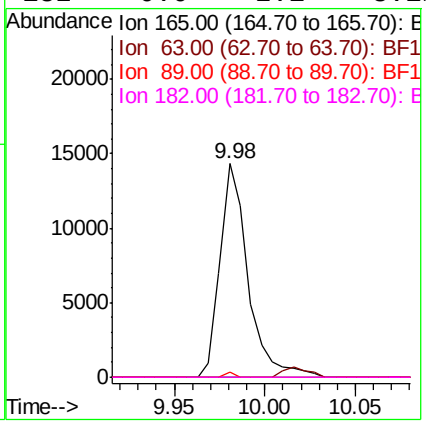


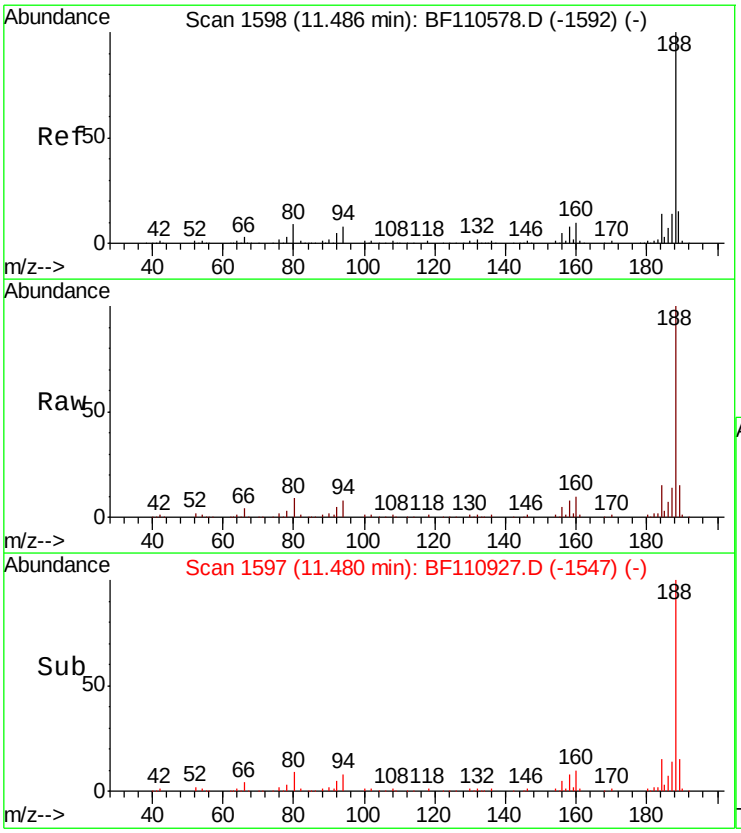
#57
2,4-Dinitrotoluene
Concen: 6.116 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15503

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	2.1	62.2	93.4#
182	0.0	2.1	3.1#

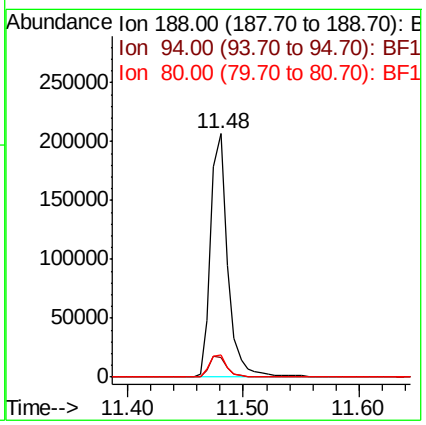


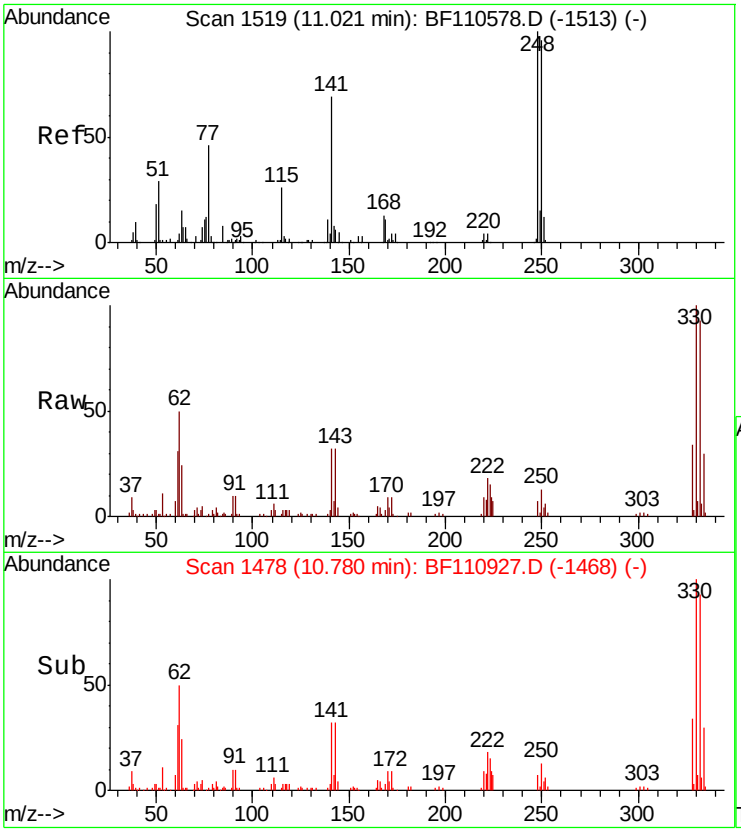


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Tgt Ion:188 Resp: 213585

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.2	10.8
80	8.9	7.9	11.9



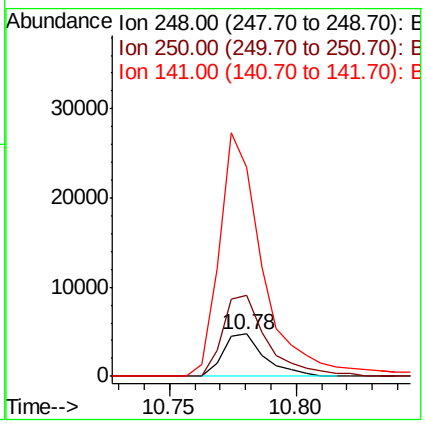


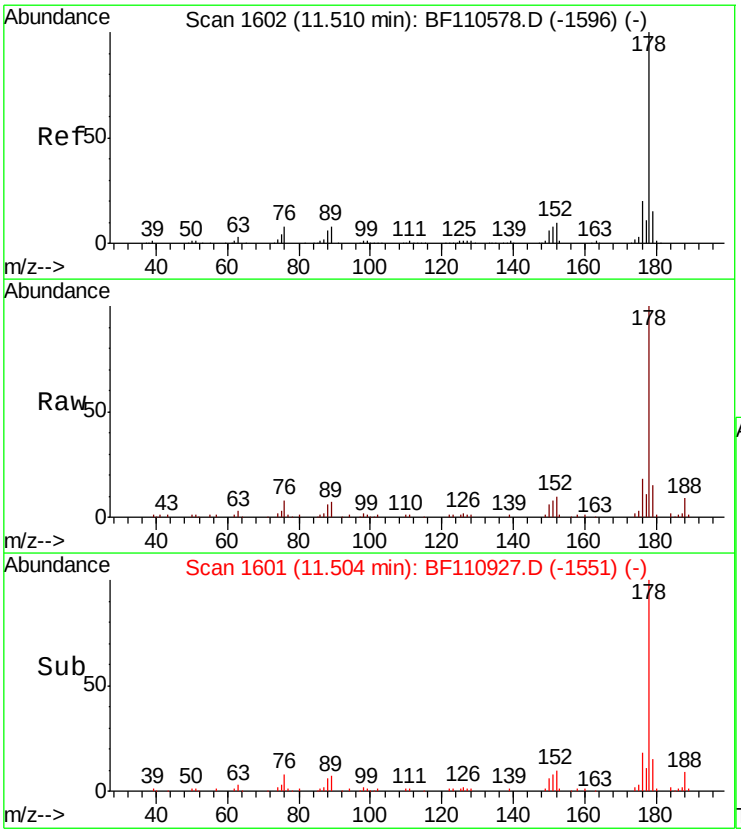
#67
4-Bromophenyl-phenylether
Concen: 2.285 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 5393

Ion	Ratio	Lower	Upper
248	100		
250	193.8	79.4	119.2#
141	498.4	55.9	83.9#

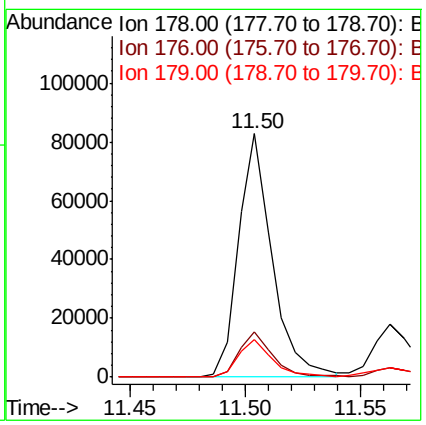


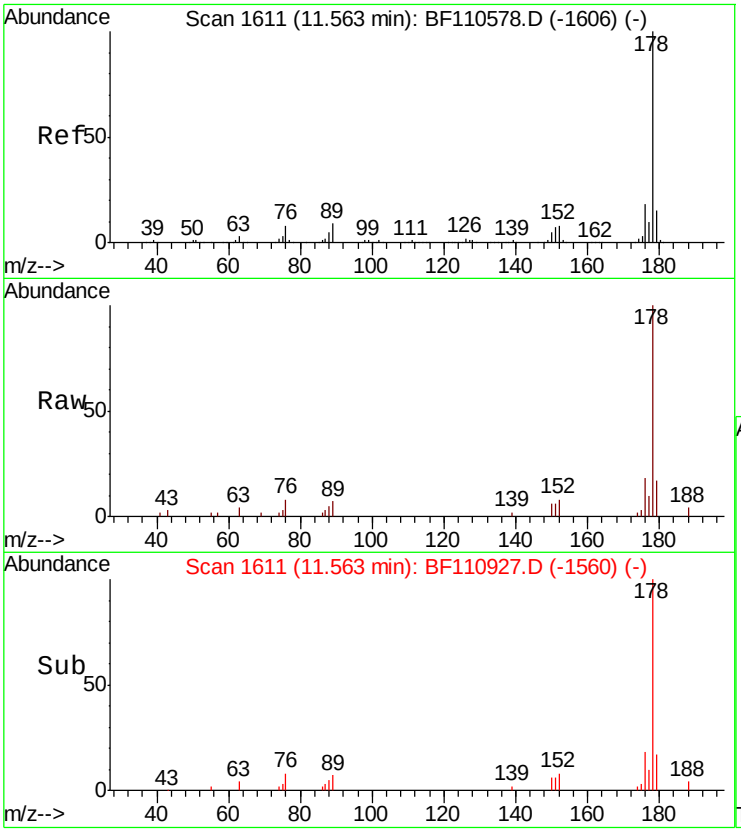


#71
Phenanthrene
Concen: 7.341 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Tgt Ion:178 Resp: 84007

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	15.4	12.5	18.7



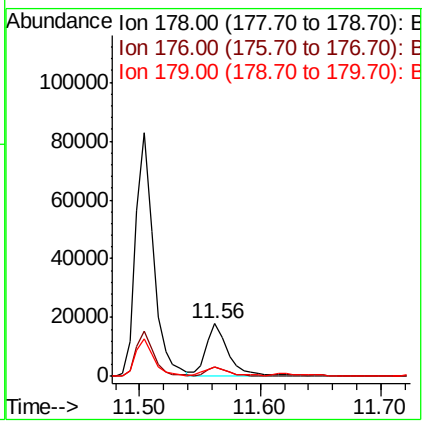


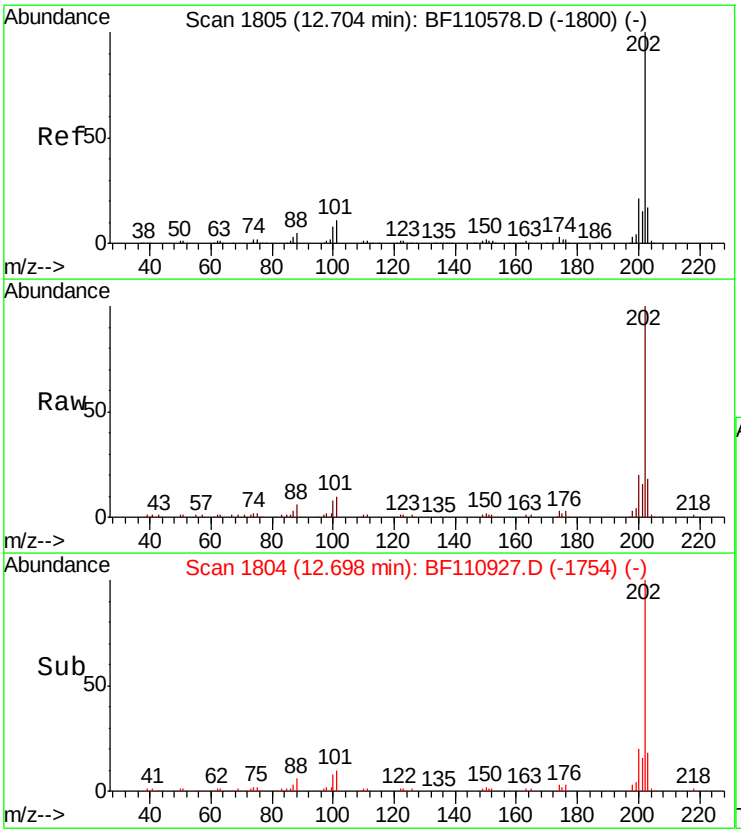
#72
Anthracene
Concen: 2.096 ng
RT: 11.56 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 24198

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.4	23.2
179	17.3	12.6	18.8

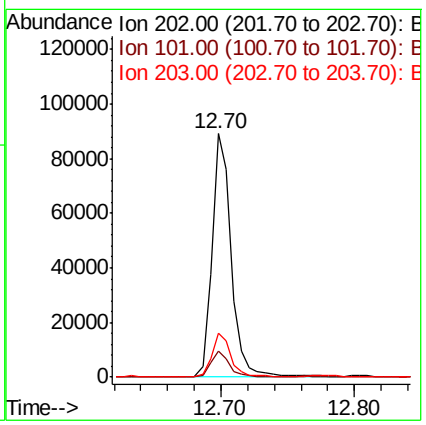


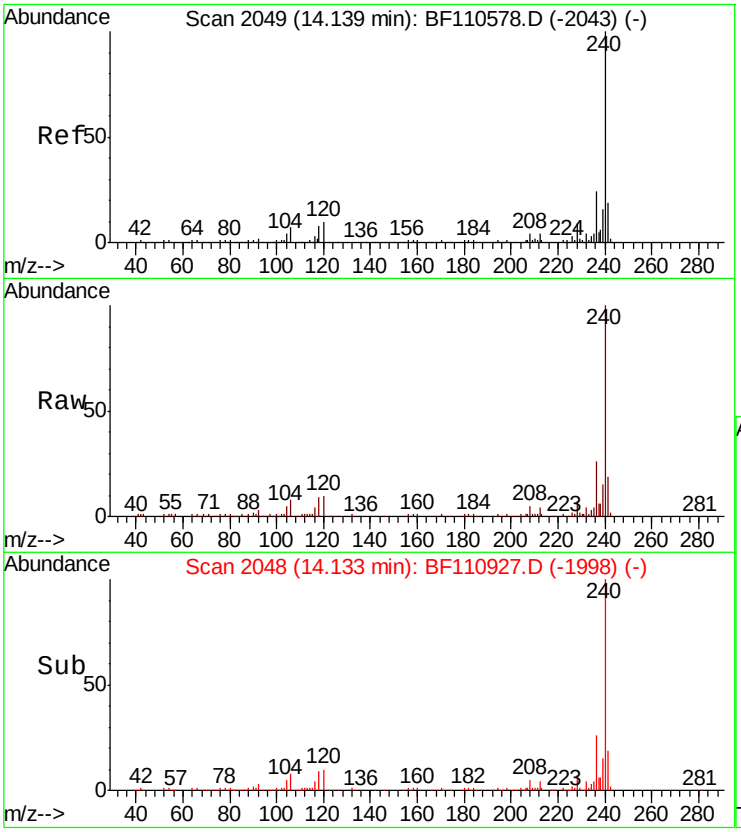


#75
Fluoranthene
Concen: 7.879 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Tgt Ion:202 Resp: 90389

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.4
203	18.2	0.0	37.7



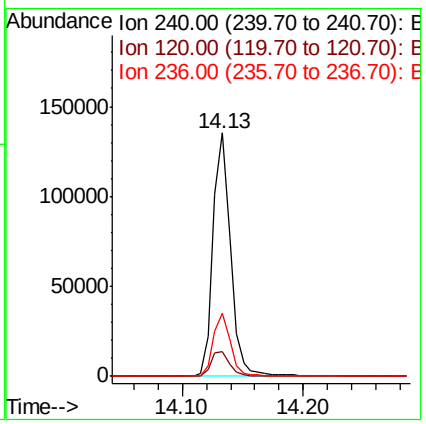


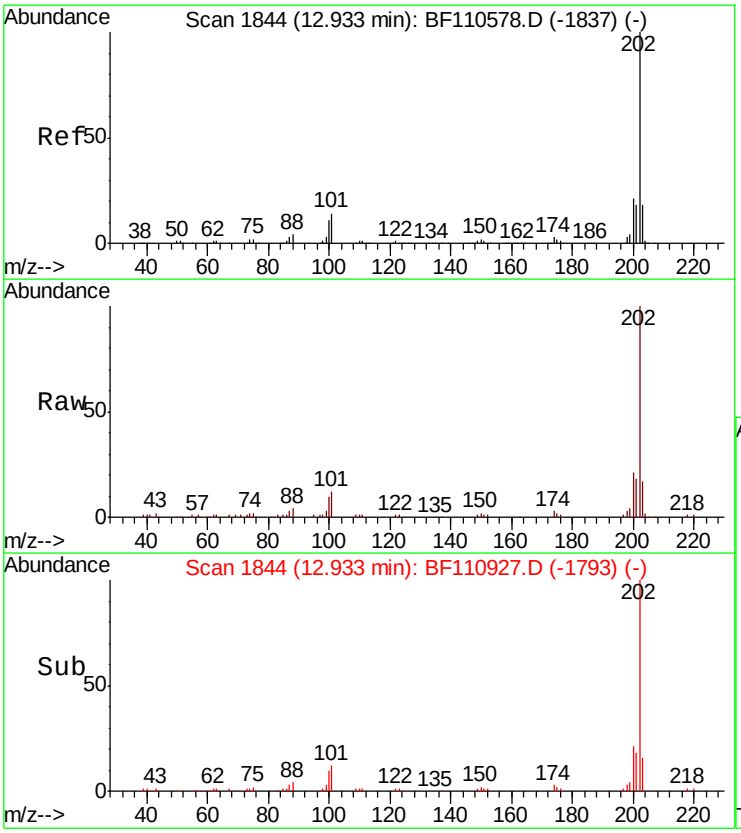
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 133970

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.3	12.5
236	26.1	21.2	31.8

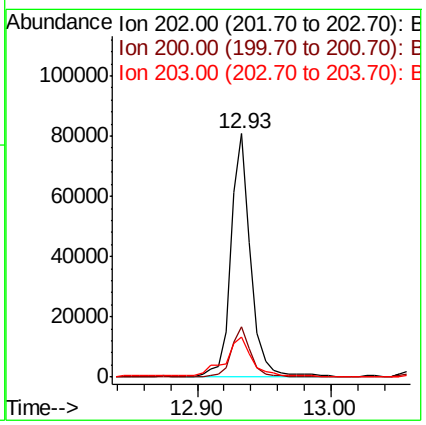


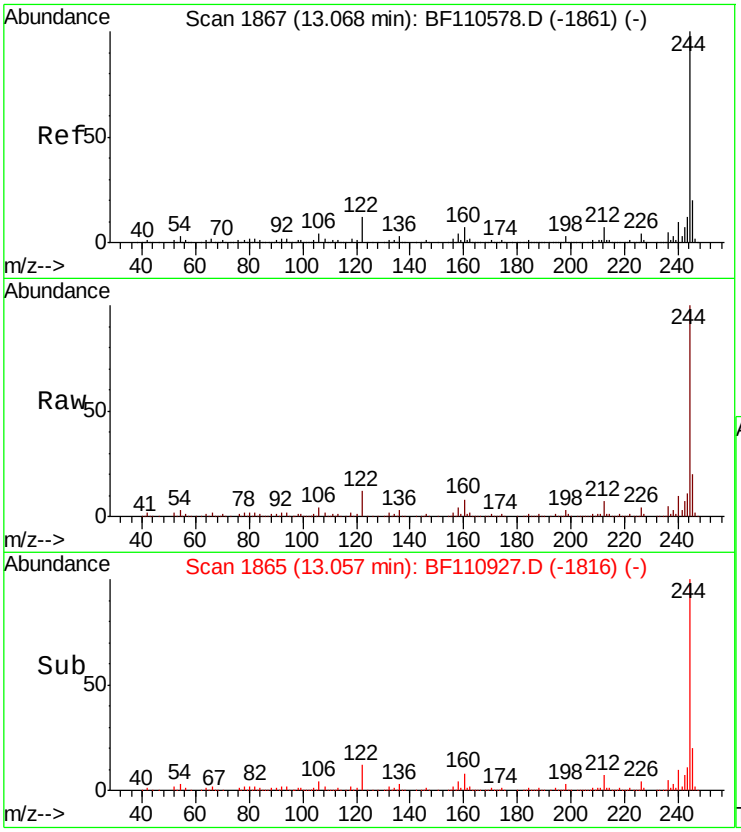


#78
Pyrene
Concen: 8.117 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Tgt Ion:202 Resp: 83726

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.8	26.6
203	16.7	14.2	21.4



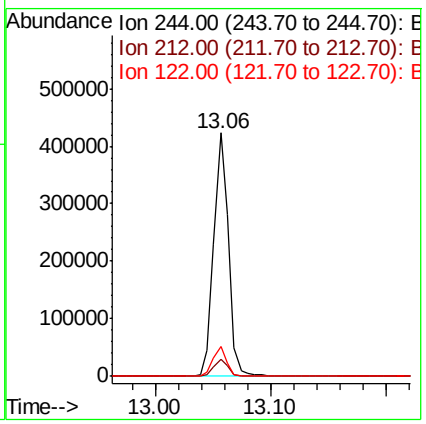


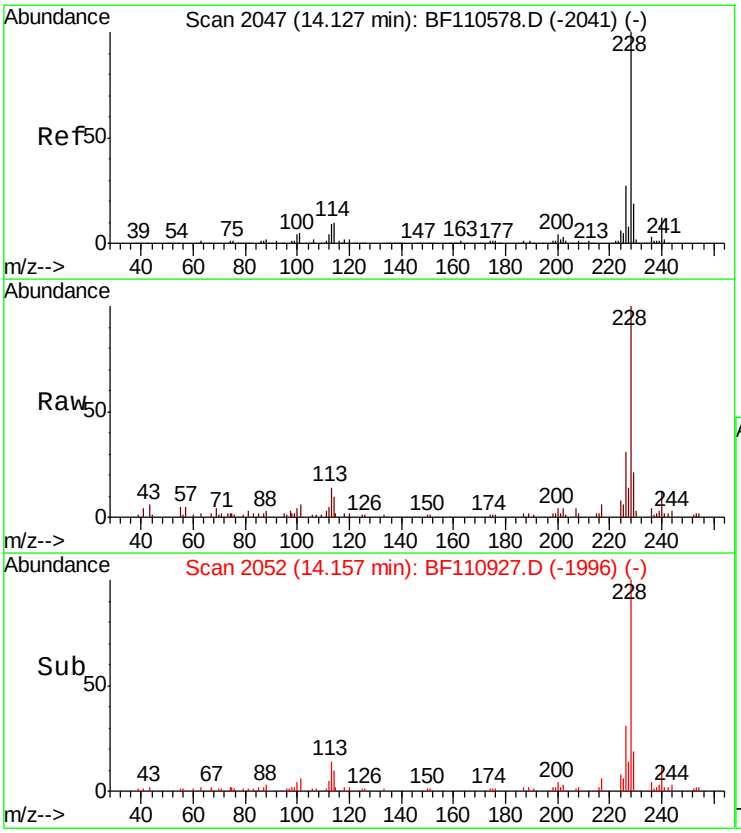
#79
Terphenyl-d14
Concen: 52.446 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 375179

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.2	8.7	13.1

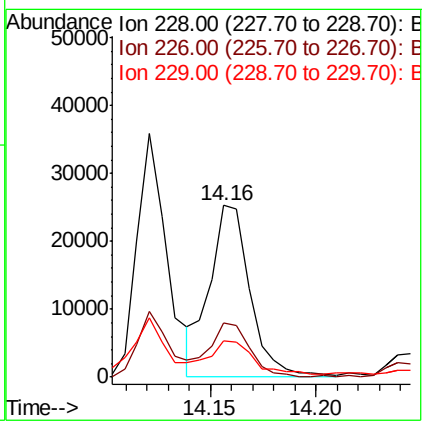


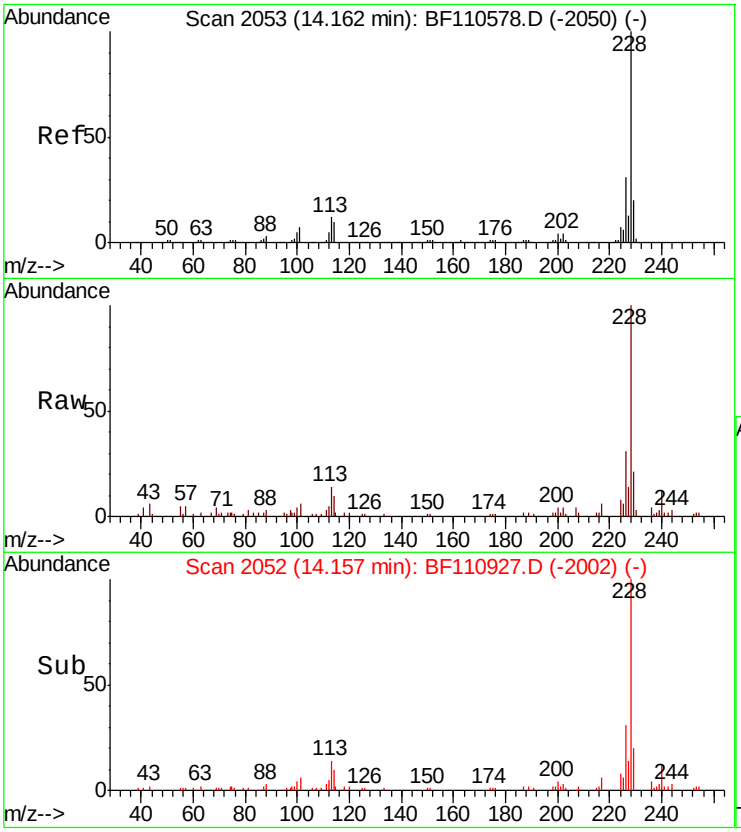


#81
Benzo(a)anthracene
Concen: 4.245 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.03 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Tgt Ion:228 Resp: 33993

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.1	33.1
229	21.3	15.6	23.4



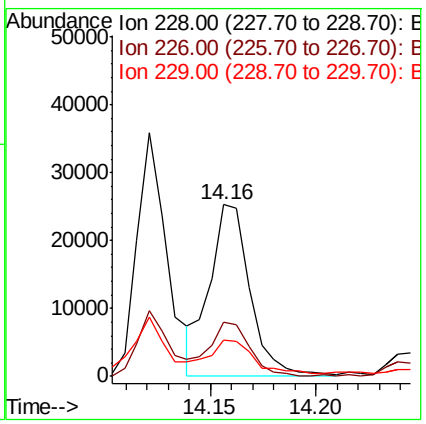


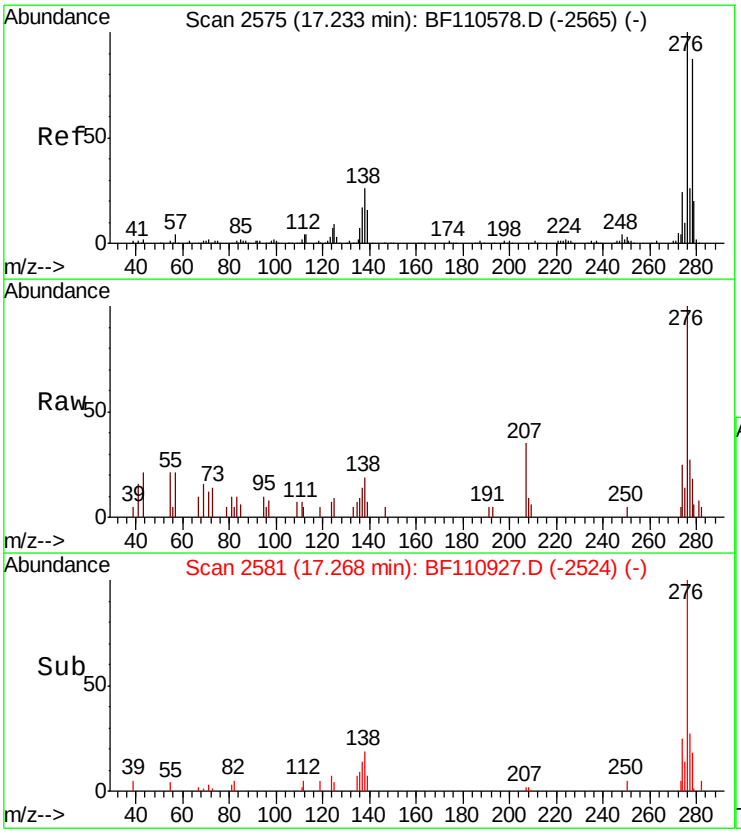
#83
Chrysene
Concen: 4.456 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 33993

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.7	37.1
229	21.3	15.9	23.9

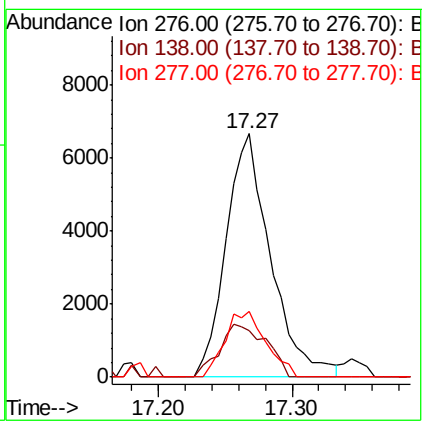


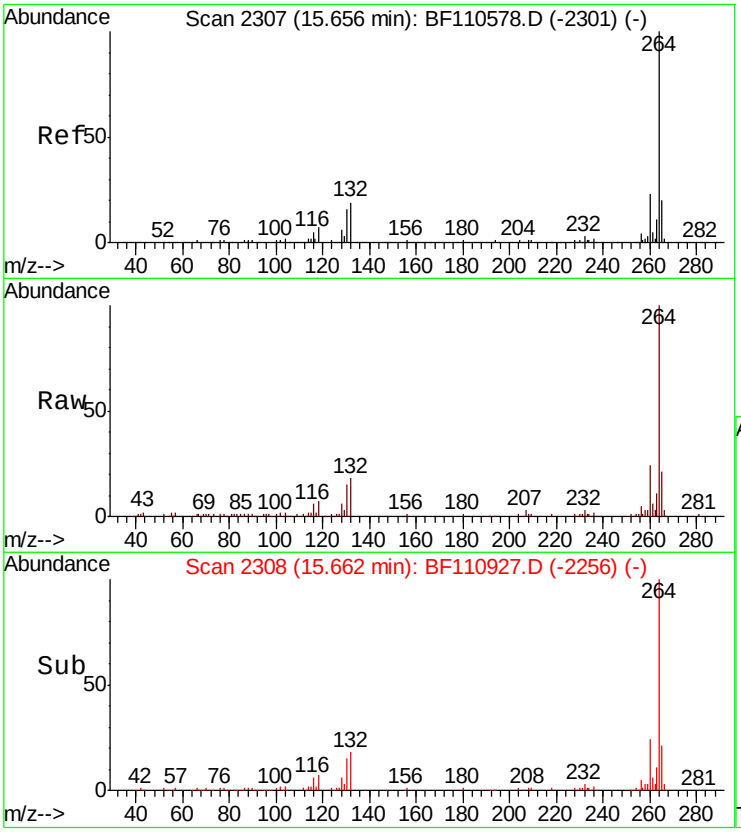


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.833 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.04 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Tgt Ion:276 Resp: 15507

Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.5	27.7
277	24.7	20.0	30.0



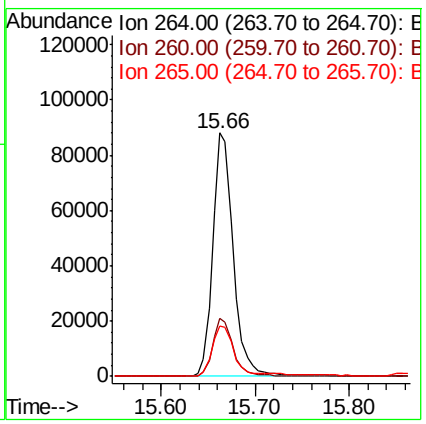


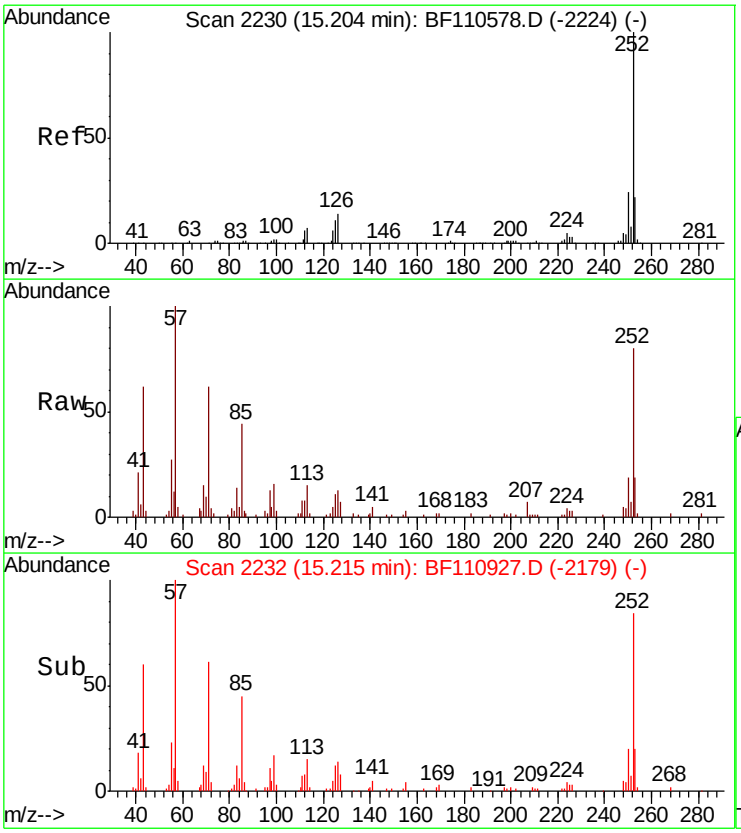
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 135045

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	20.7	16.7	25.1

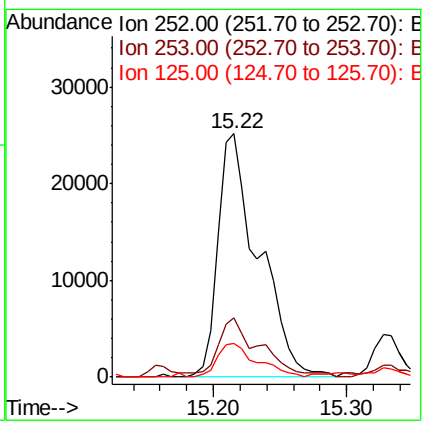


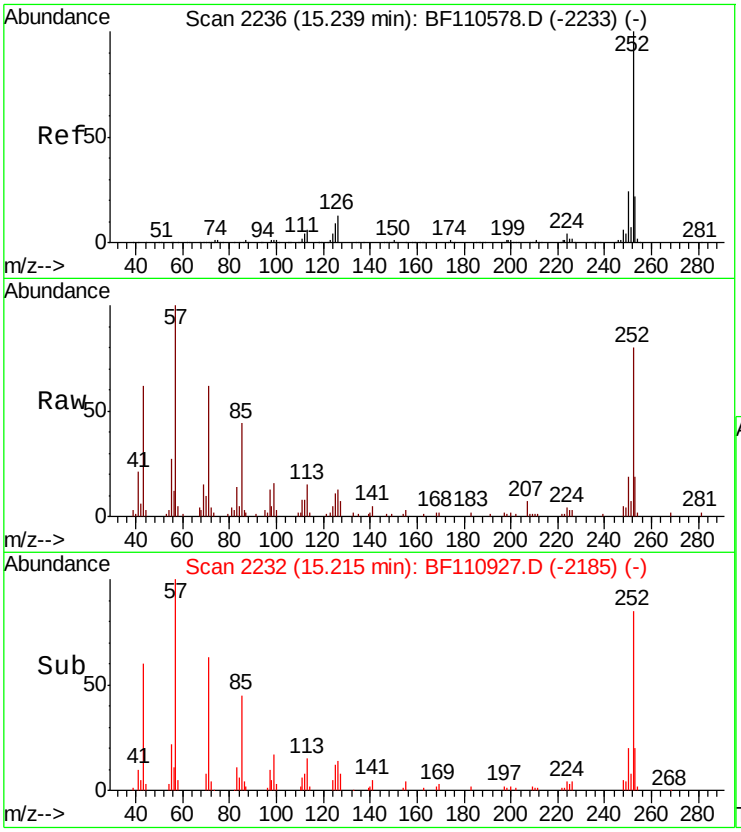


#88
Benzo(b)fluoranthene
Concen: 6.614 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Tgt Ion:252 Resp: 53433

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.2	25.8
125	14.0	8.2	12.4#



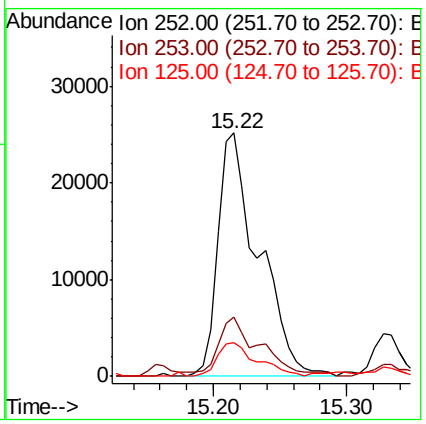


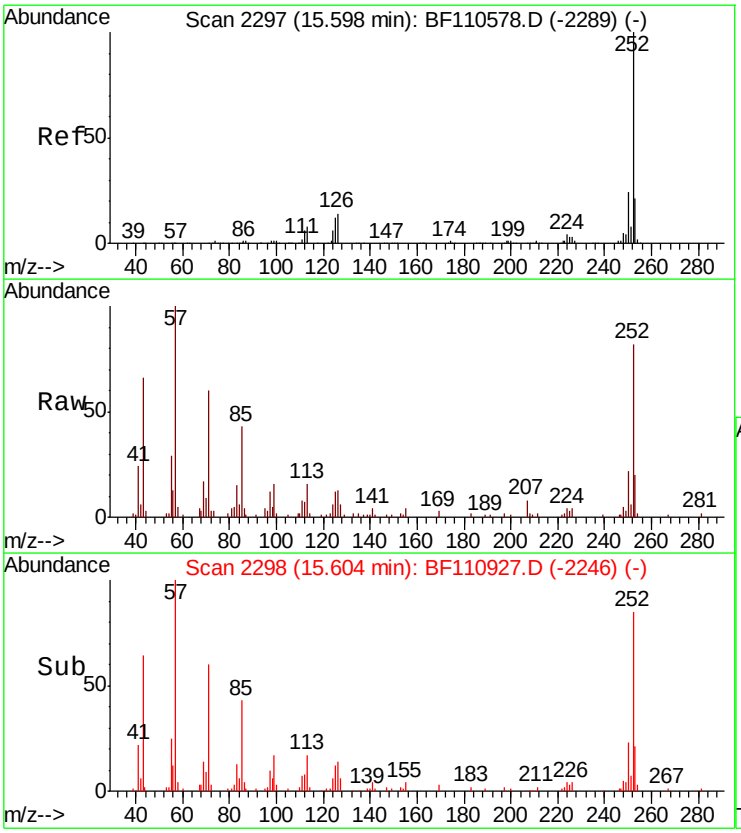
#89
Benzo(k)fluoranthene
Concen: 6.693 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 53433

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.2	25.8
125	14.0	7.4	11.0#

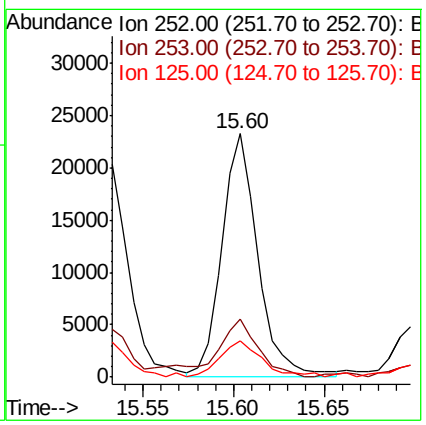


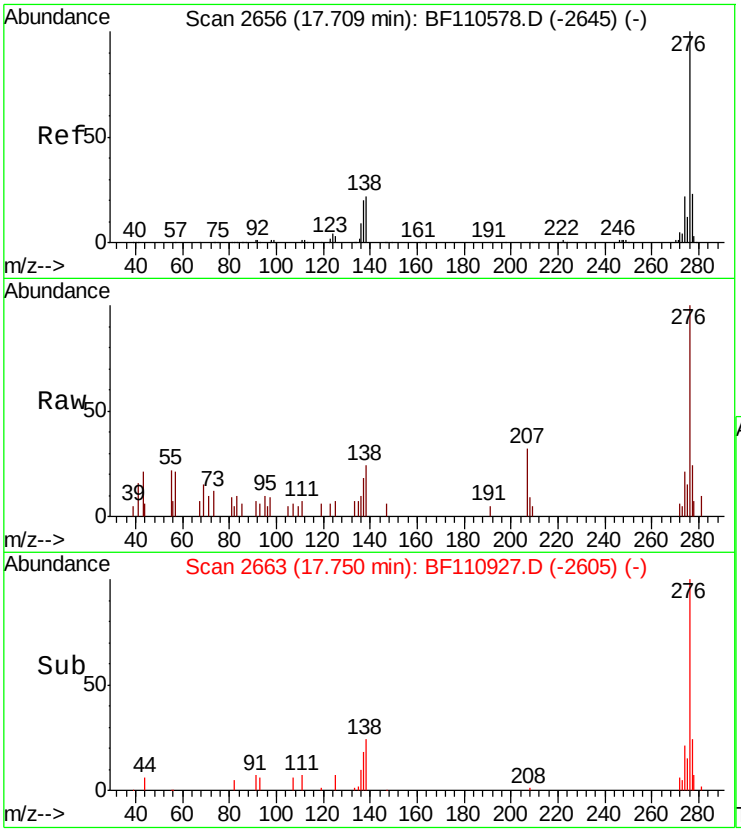


#90
Benzo(a)pyrene
Concen: 4.396 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Tgt Ion:252 Resp: 32266

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	15.1	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 2.636 ng
RT: 17.75 min Scan# 2663
Delta R.T. 0.04 min
Lab File: BF110927.D
Acq: 21 Nov 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 16246

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	23.6	16.0	24.0