Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112818\
Data File : BF111061.D
Acq On : 28 Nov 2018 22:29
Operator : JU/SJ
Sample : J6062-02DL 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-20(1-10)DL

Quant Time: Nov 29 01:30:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	60432	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	239455	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	95135	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	147937	20.00	ng		0.00
76) Chrysene-d12	14.13	240	130410	20.00	ng		0.00
87) Perylene-d12	15.66	264	98010	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	163681	44.92	ng		0.00
7) Phenol-d6	6.56	99	221400	46.62	ng		0.00
23) Nitrobenzene-d5	7.50	82	130046	31.08	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	34887	36.92	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	219951	33.50	ng		0.00
79) Terphenyl-d14	13.05	244	158124	23.60	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.70	77	4037	Below Cal			81
10) Phenol	6.58	94	12499	2.337	ng		93
19) n-Nitroso-di-n-propylamine	7.50	70	16881	5.457	ng	#	77
25) Isophorone	7.50	82	130046	18.948	ng	#	67
50) Dimethylphthalate	9.69	163	15685	2.248	ng		99
51) 2,6-Dinitrotoluene	9.97	165	11884	7.651	ng	#	21
55) Dibenzofuran	10.19	168	17518	2.071	ng		99
56) 4-Nitrophenol	10.19	139	6833	10.667	ng	#	6
57) 2,4-Dinitrotoluene	9.97	165	11884	5.897	ng	#	17
58) Fluorene	10.53	166	26213	3.984	ng		98
71) Phenanthrene	11.49	178	222459	28.392	ng		99
72) Anthracene	11.55	178	71963	9.019	ng		97
75) Fluoranthene	12.69	202	274206	34.051	ng		99
78) Pyrene	12.92	202	213017	22.364	ng		97
81) Benzo(a)anthracene	14.12	228	114984	14.934	ng		98
83) Chrysene	14.15	228	89780	11.846	ng		99
86) Indeno(1,2,3-cd)pyrene	17.26	276	29700	5.459	ng		100
88) Benzo(b)fluoranthene	15.20	252	116661	20.262	ng		98
89) Benzo(k)fluoranthene	15.20	252	117169	19.771	ng	#	97
90) Benzo(a)pyrene	15.60	252	57137	10.661	ng		98
92) Benzo(g,h,i)perylene	17.75	276	24964	5.855	ng	#	88

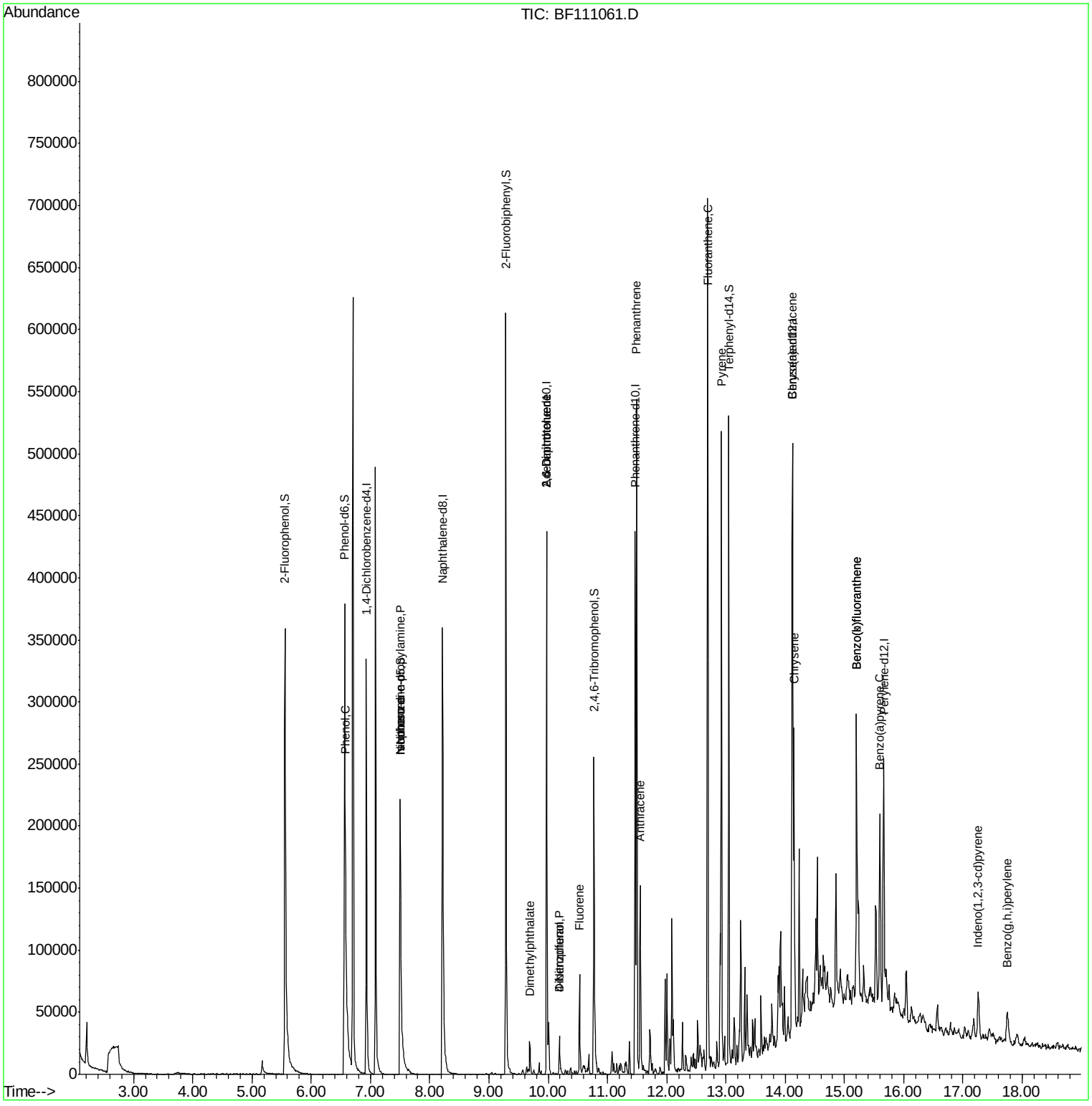
(#) = qualifier out of range (m) = manual integration (+) = signals summed

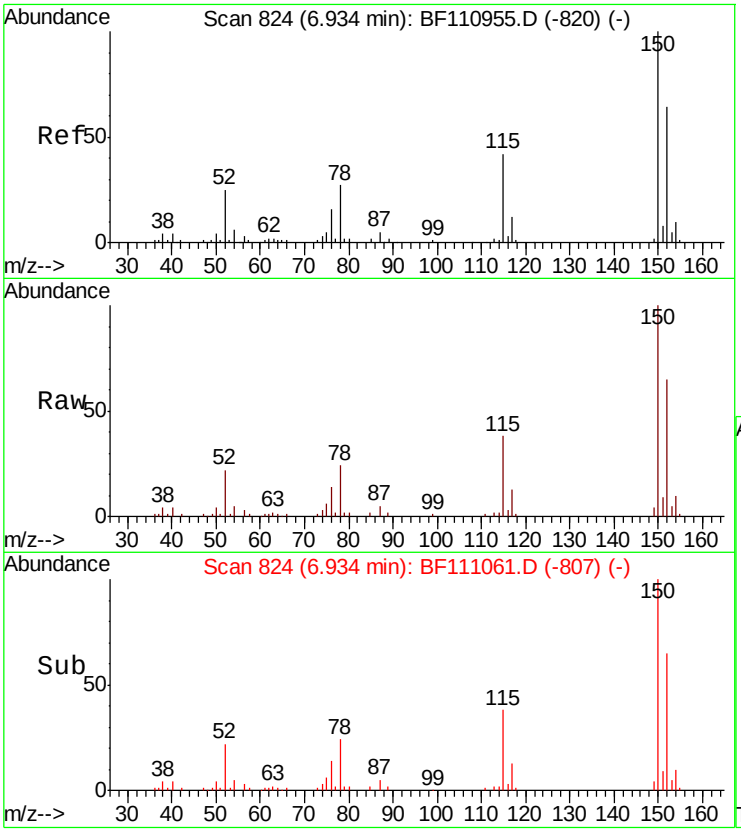
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112818\
Data File : BF111061.D
Acq On : 28 Nov 2018 22:29
Operator : JU/SJ
Sample : J6062-02DL 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-20(1-10)DL

Quant Time: Nov 29 01:30:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration



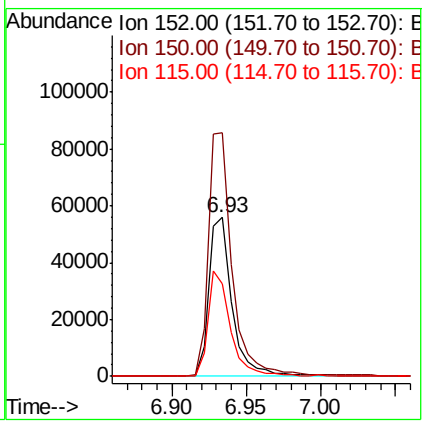


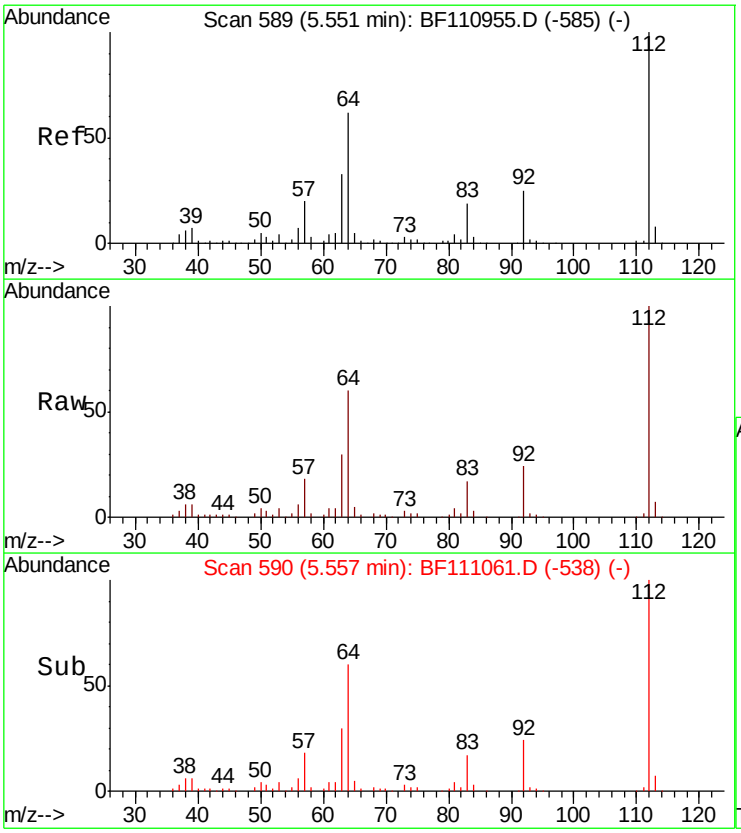
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Instrument :
BNA_F
ClientSampleId :
B-20(1-10)DL

Tgt Ion:152 Resp: 60432

Ion	Ratio	Lower	Upper
152	100		
150	153.5	122.7	184.1
115	58.5	49.1	73.7

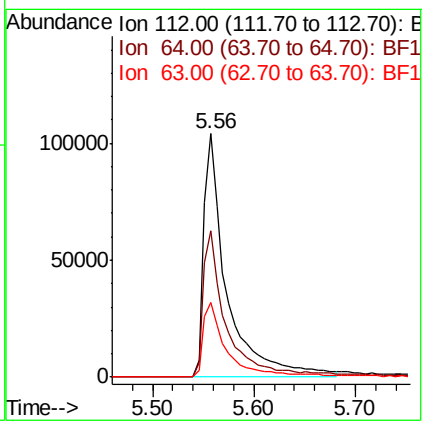


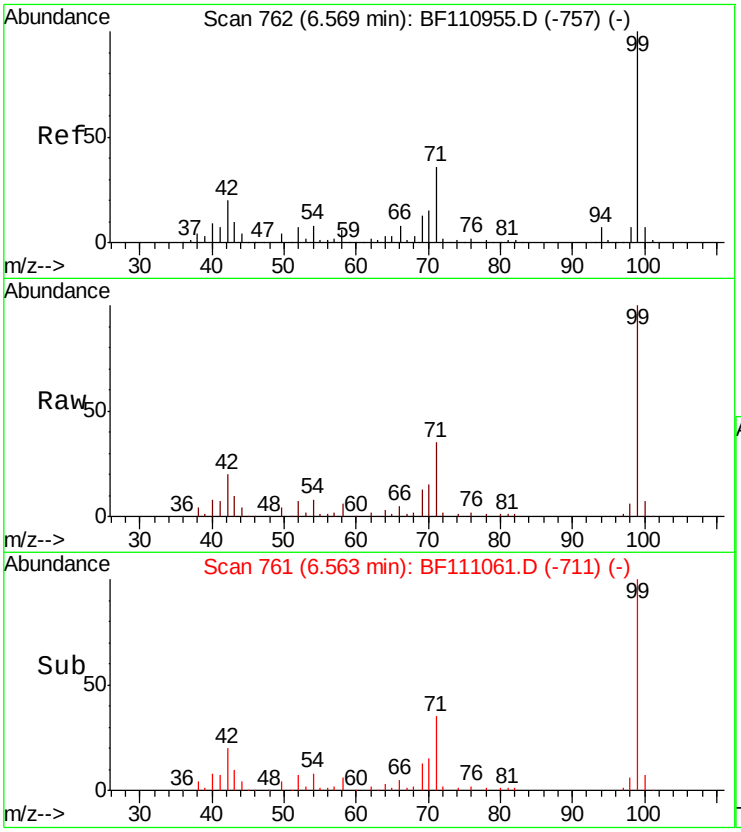


#5
2-Fluorophenol
Concen: 44.916 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Tgt Ion:112 Resp: 163681

Ion	Ratio	Lower	Upper
112	100		
64	59.9	44.1	66.1
63	30.4	23.7	35.5



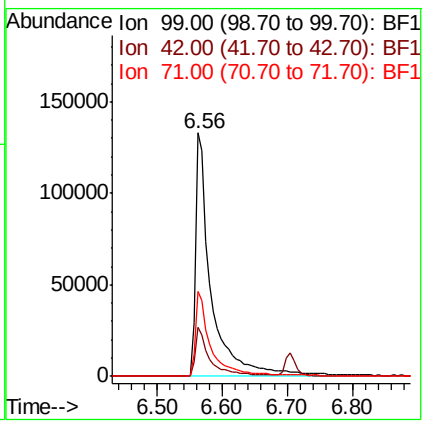


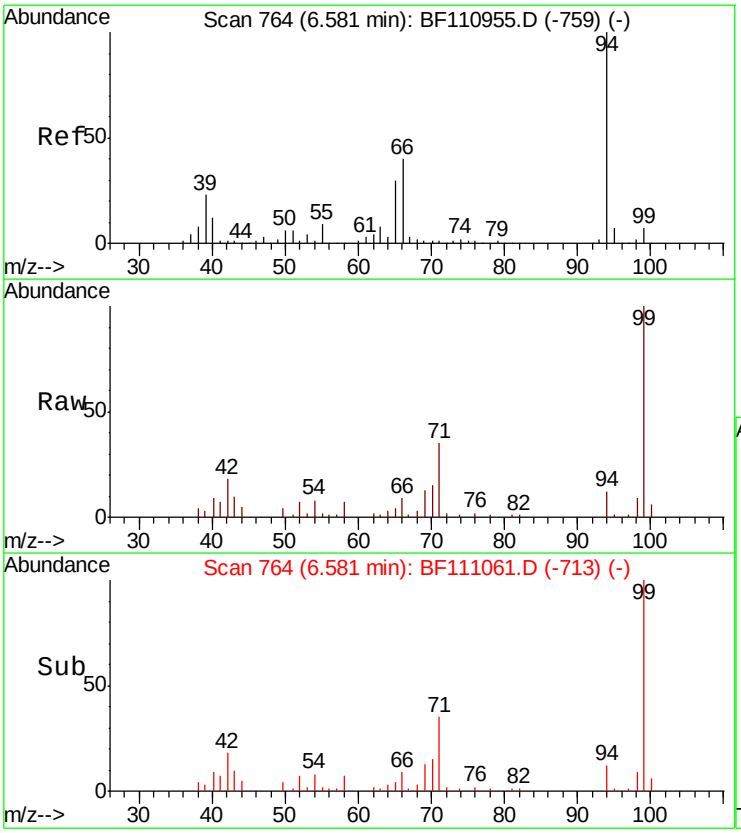
#7
Phenol-d6
Concen: 46.621 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Instrument :
BNA_F
ClientSampleId :
B-20(1-10)DL

Tgt Ion: 99 Resp: 221400

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.8	23.6
71	34.7	28.0	42.0

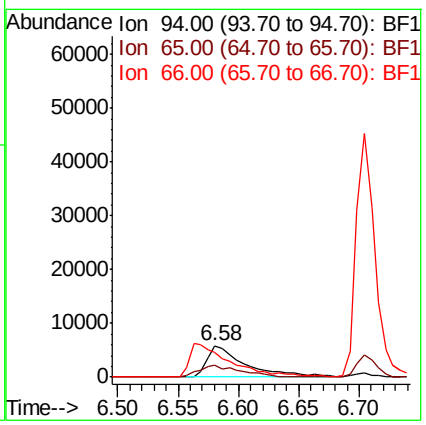


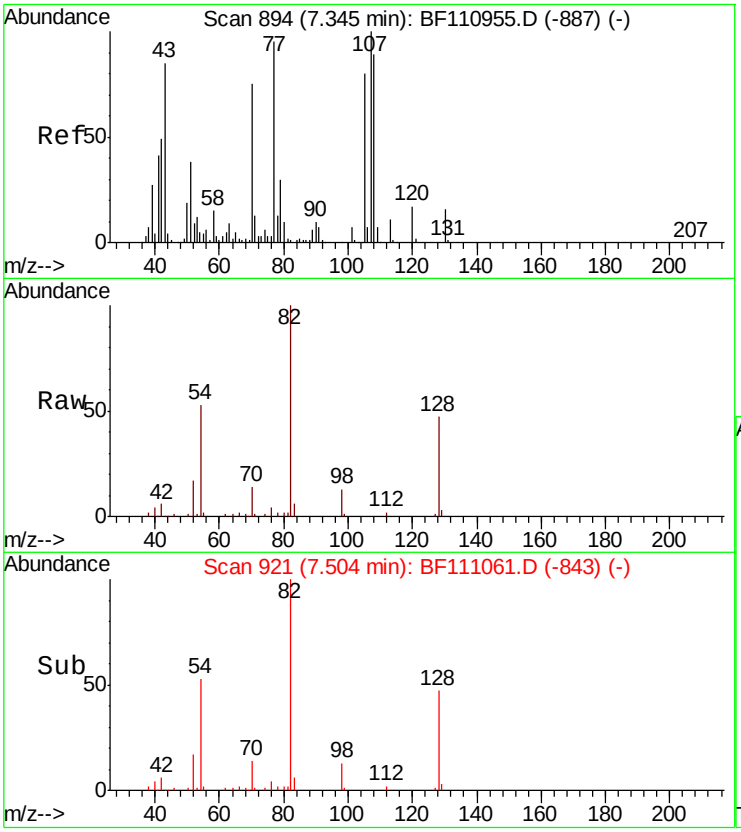


#10
Phenol
Concen: 2.337 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Tgt Ion: 94 Resp: 12499

Ion	Ratio	Lower	Upper
94	100		
65	37.8	25.3	65.3
66	78.4	54.5	94.5



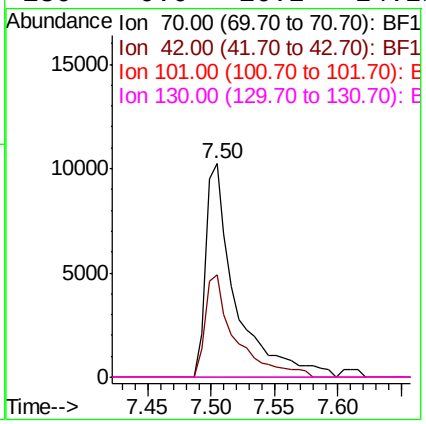


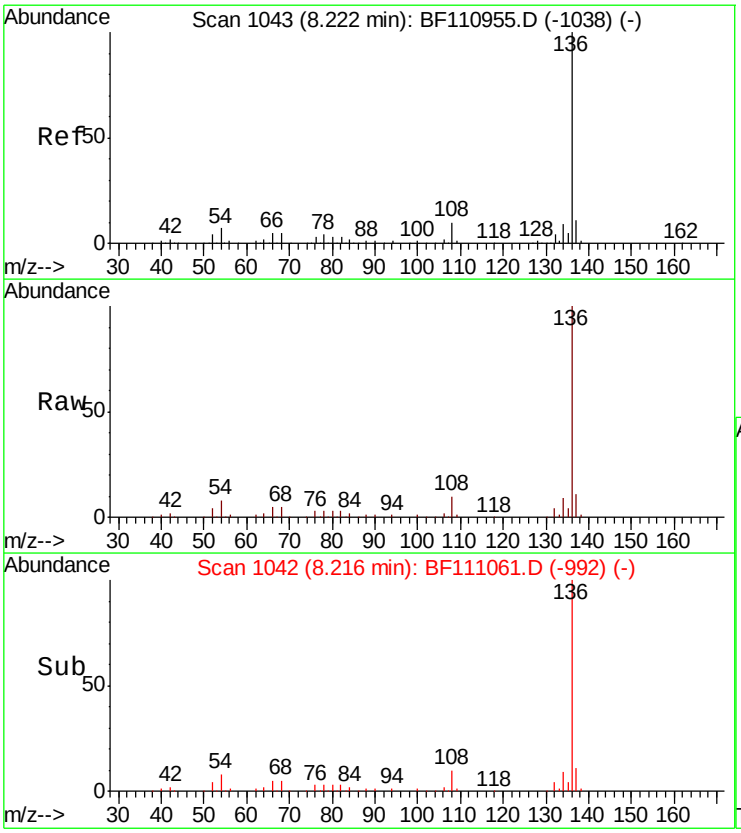
#19
n-Nitroso-di-n-propylamine
Concen: 5.457 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.16 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Instrument :
BNA_F
ClientSampleId :
B-20(1-10)DL

Tgt Ion: 70 Resp: 16881

Ion	Ratio	Lower	Upper
70	100		
42	47.8	47.4	71.2
101	0.0	7.3	10.9#
130	0.0	16.2	24.2#

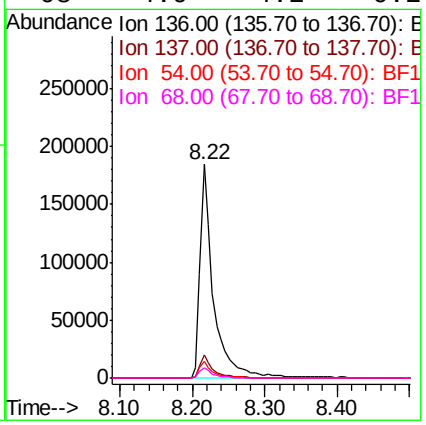


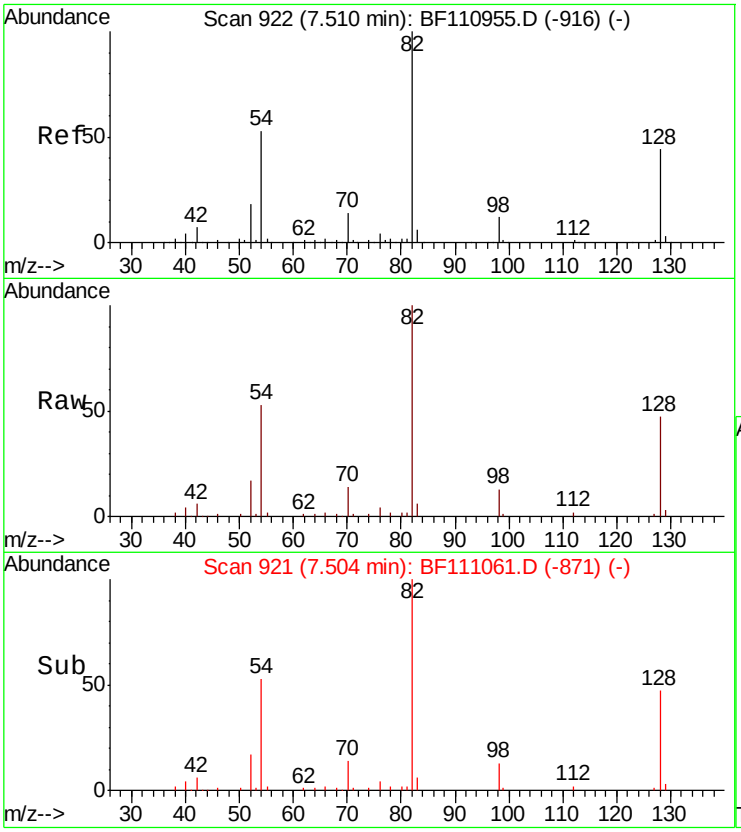


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Tgt Ion:136 Resp: 239455

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.5	5.4	8.2
68	4.9	4.2	6.2



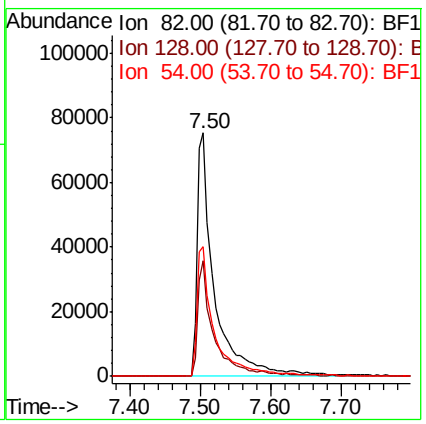


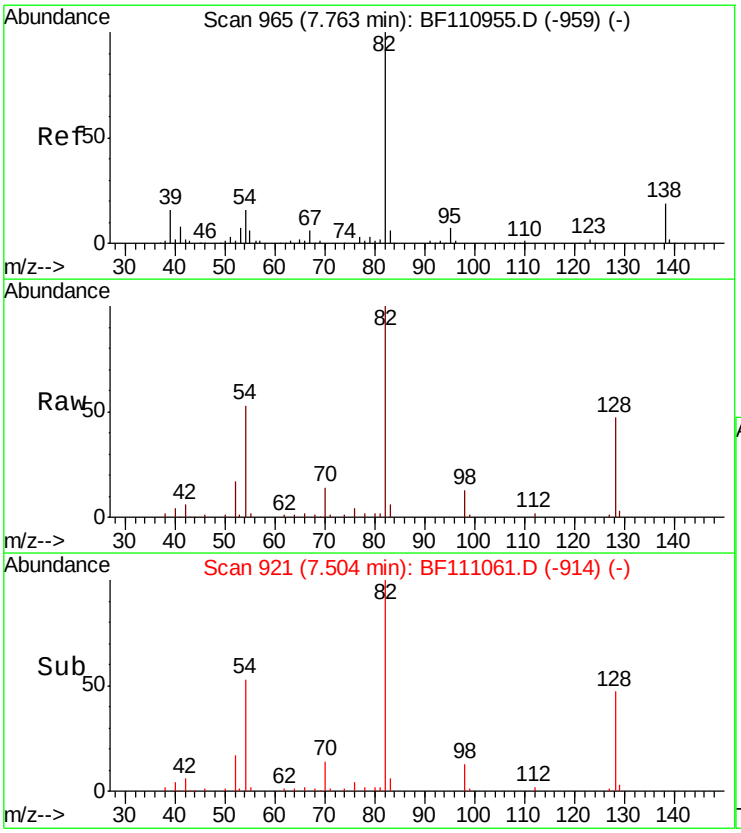
#23
Nitrobenzene-d5
Concen: 31.082 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Instrument :
BNA_F
ClientSampleId :
B-20(1-10)DL

Tgt Ion: 82 Resp: 130046

Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.2	51.2
54	53.2	38.6	58.0

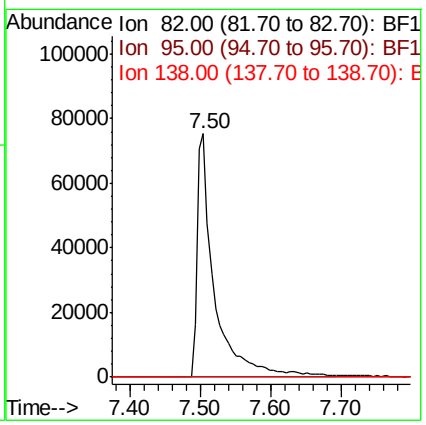


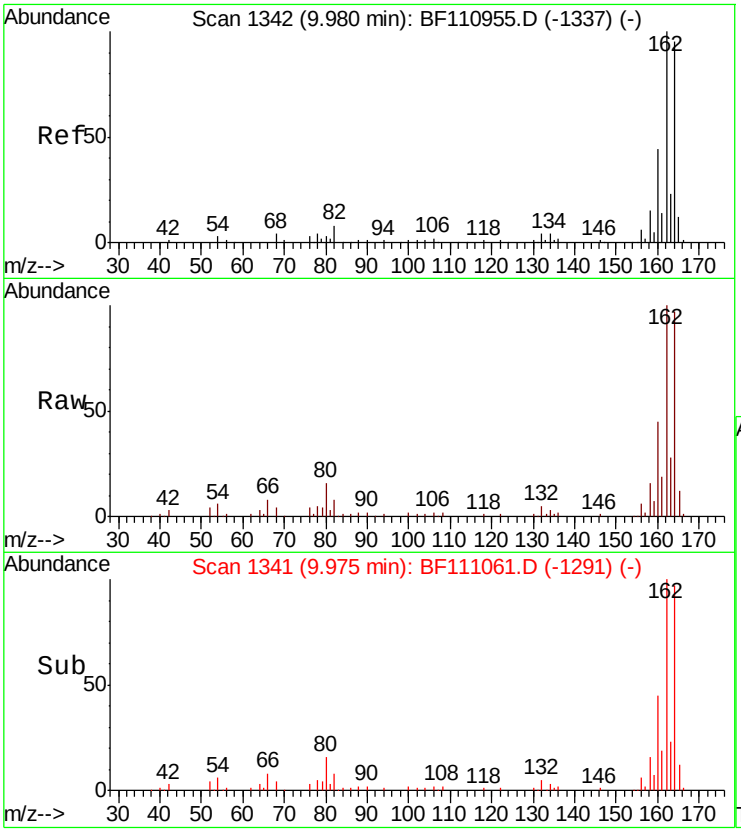


#25
Isophorone
Concen: 18.948 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Tgt Ion: 82 Resp: 130046

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



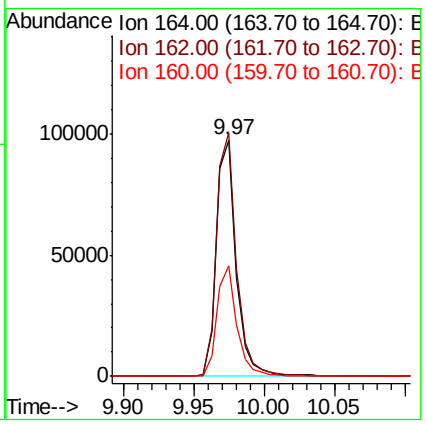


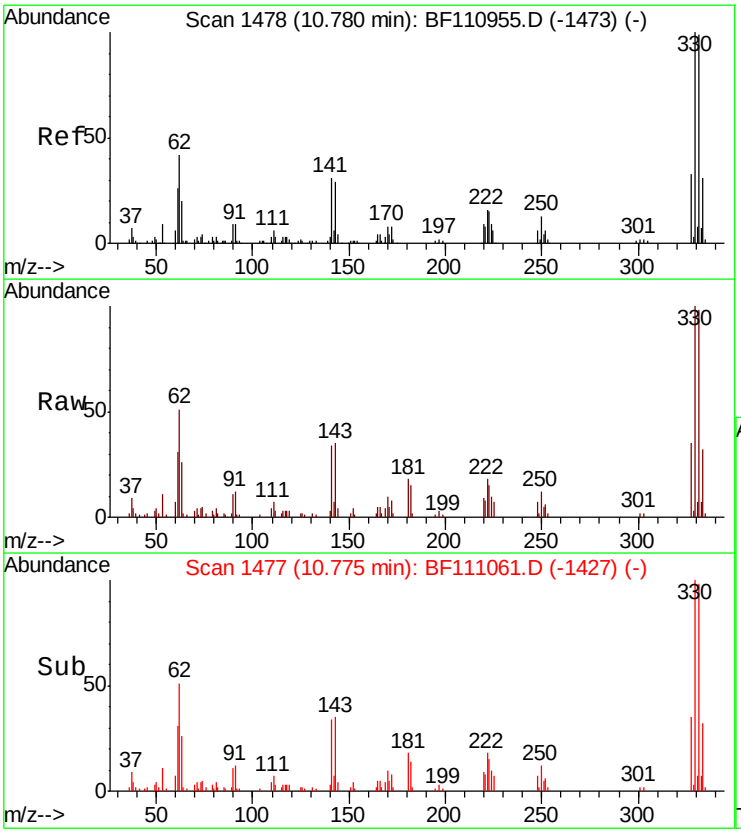
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Instrument :
BNA_F
ClientSampleId :
B-20(1-10)DL

Tgt Ion:164 Resp: 95135

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.0	124.6
160	46.5	37.0	55.6

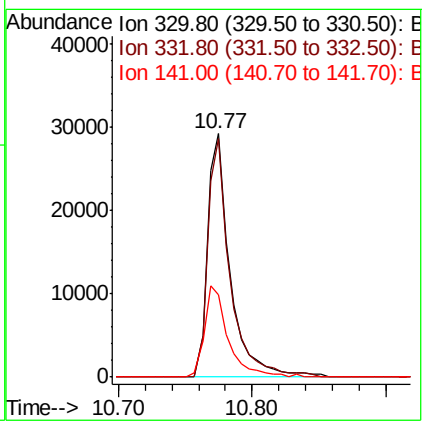


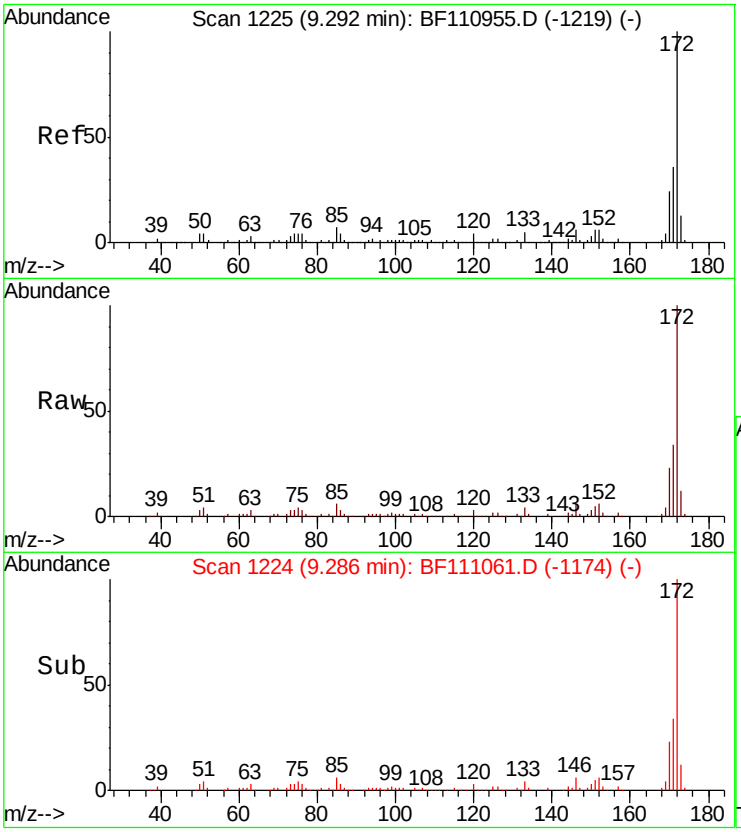


#42
2,4,6-Tribromophenol
Concen: 36.925 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Tgt Ion:330 Resp: 34887

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	39.0	27.0	40.4



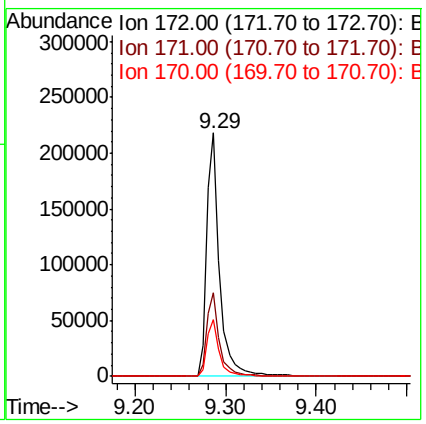


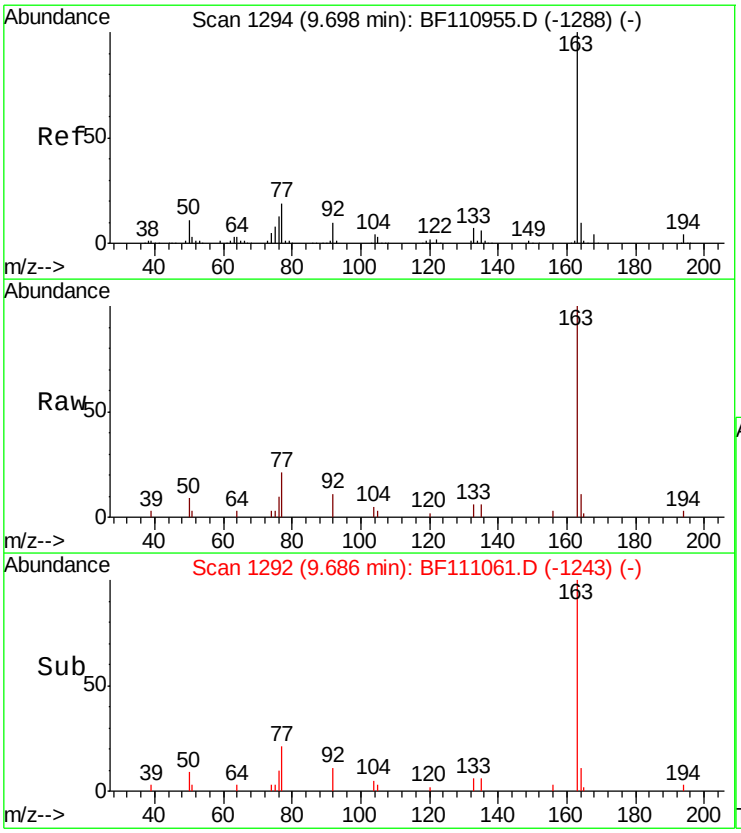
#45
2-Fluorobiphenyl
Concen: 33.495 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Instrument :
BNA_F
ClientSampleId :
B-20(1-10)DL

Tgt Ion:172 Resp: 219951

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	43.0
170	23.1	19.7	29.5

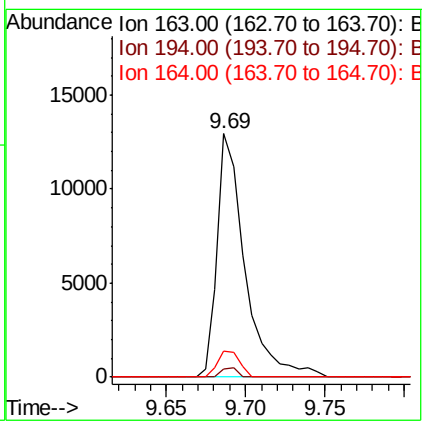


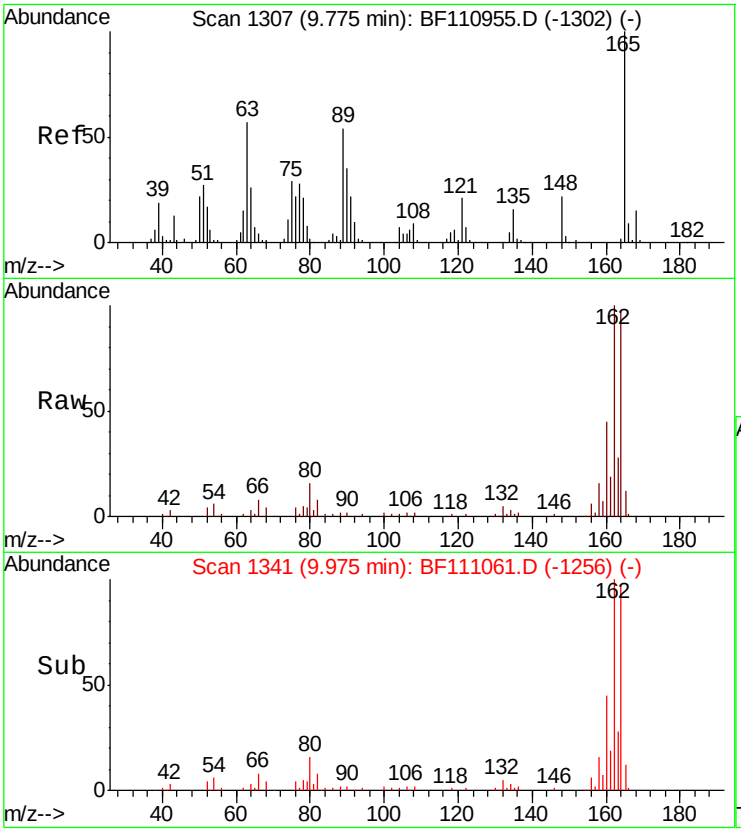


#50
Dimethylphthalate
Concen: 2.248 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Tgt Ion:163 Resp: 15685

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	10.5	8.1	12.1



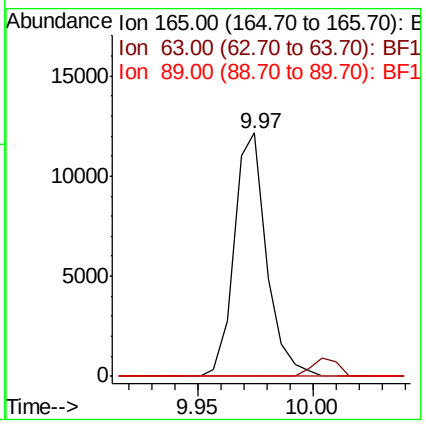


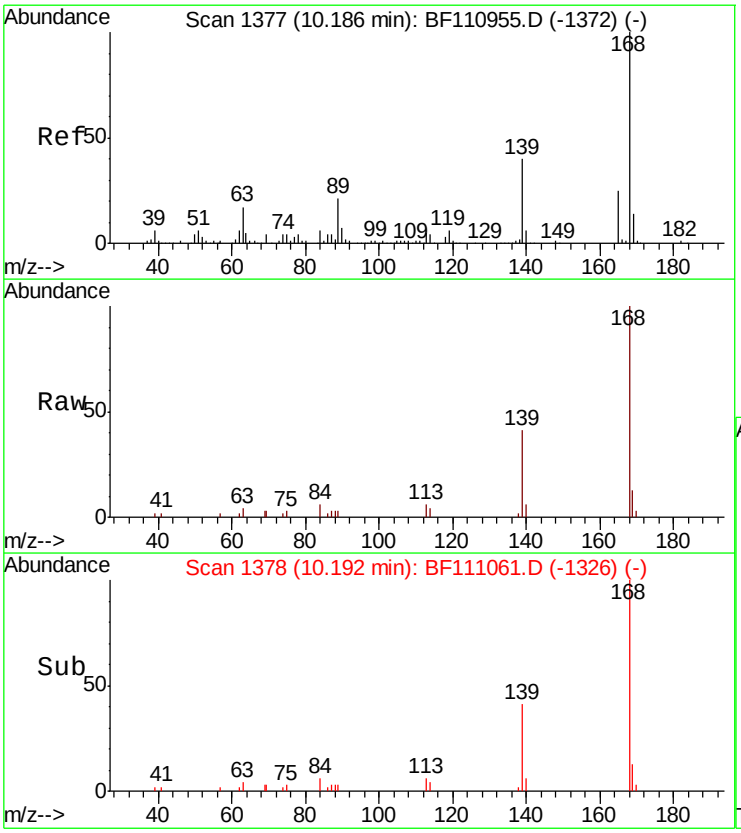
#51
2,6-Dinitrotoluene
Concen: 7.651 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.20 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Instrument :
BNA_F
ClientSampleId :
B-20(1-10)DL

Tgt Ion:165 Resp: 11884

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

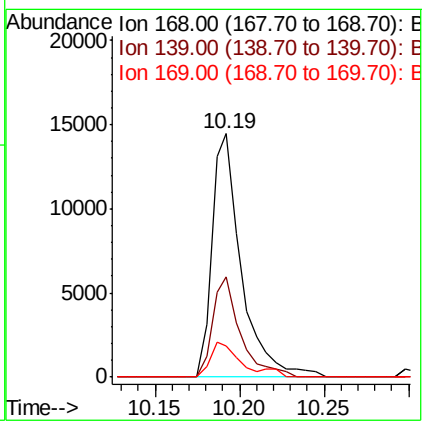


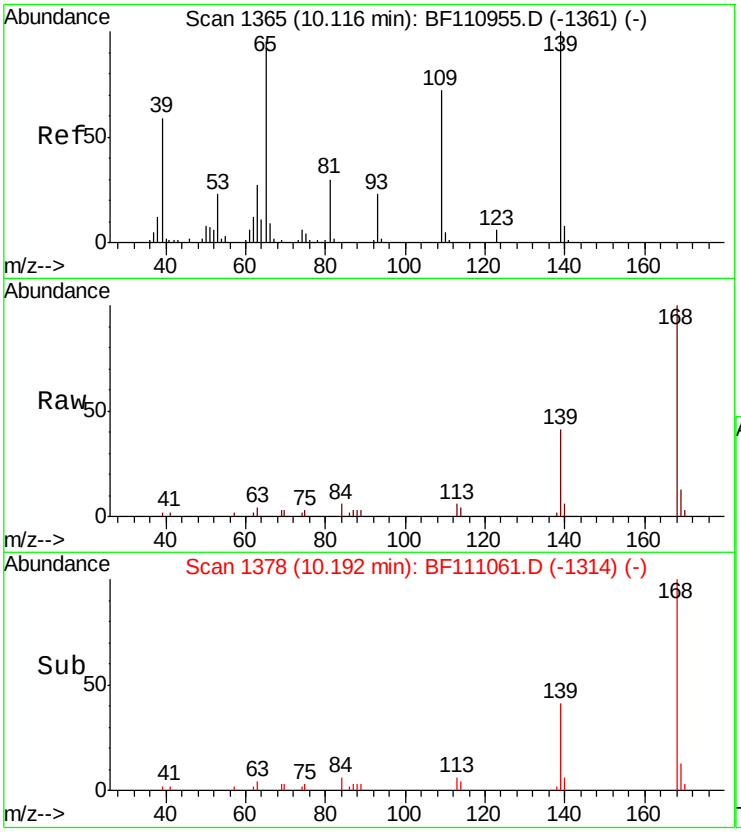


#55
Dibenzofuran
Concen: 2.071 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Tgt Ion:168 Resp: 17518

Ion	Ratio	Lower	Upper
168	100		
139	41.4	33.0	49.6
169	12.7	11.3	16.9



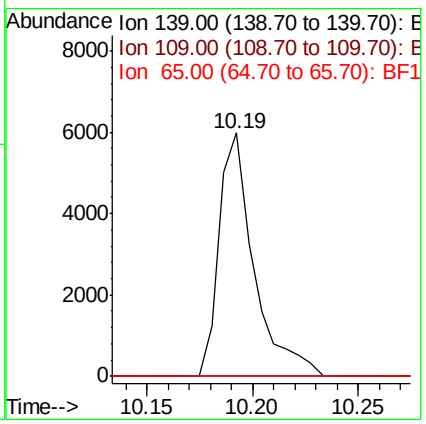


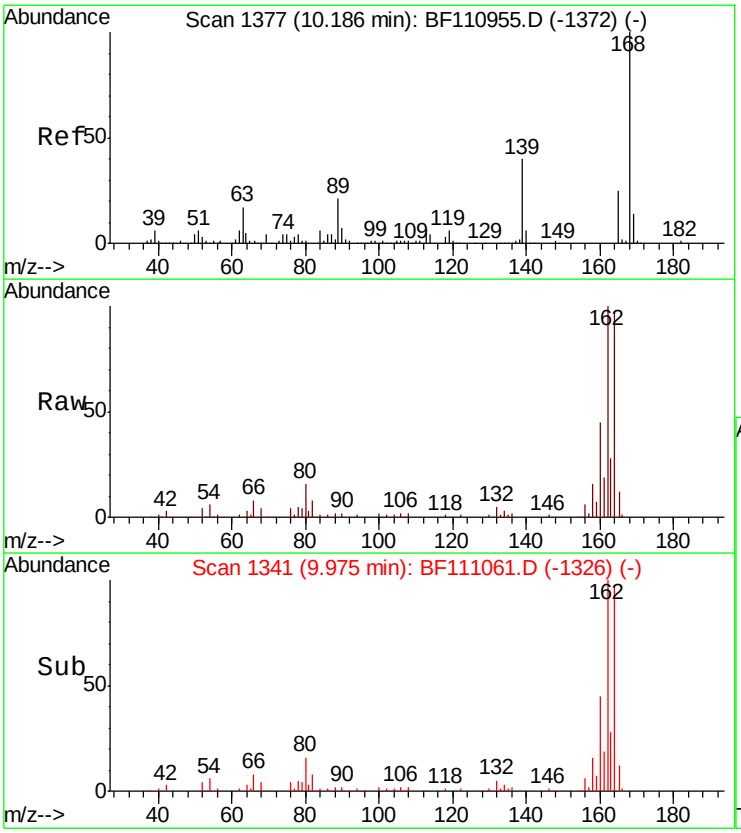
#56
4-Nitrophenol
Concen: 10.667 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.08 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Instrument :
BNA_F
ClientSampleId :
B-20(1-10)DL

Tgt Ion:139 Resp: 6833

Ion	Ratio	Lower	Upper
139	100		
109	0.0	55.8	95.8#
65	0.0	77.9	117.9#

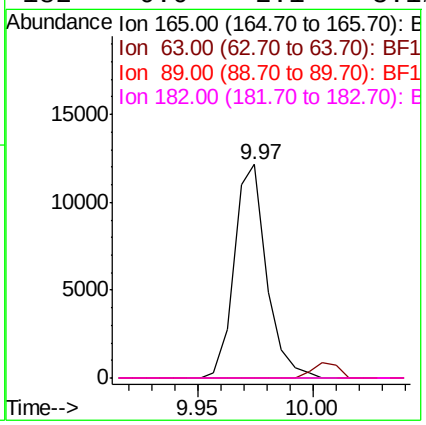


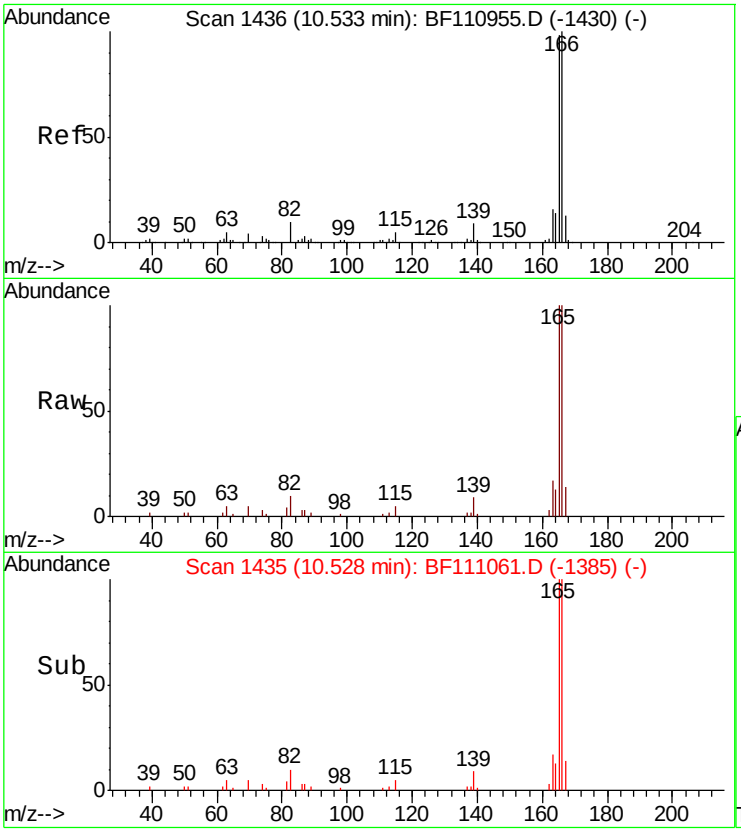


#57
2,4-Dinitrotoluene
Concen: 5.897 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.21 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Tgt Ion:165 Resp: 11884

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



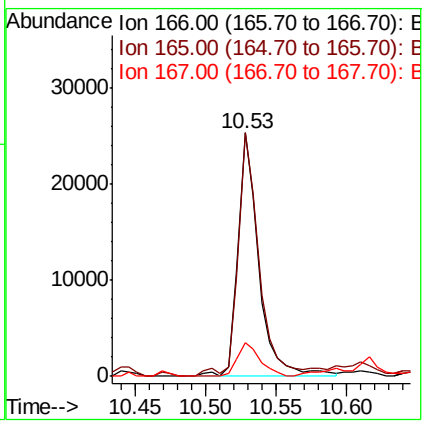


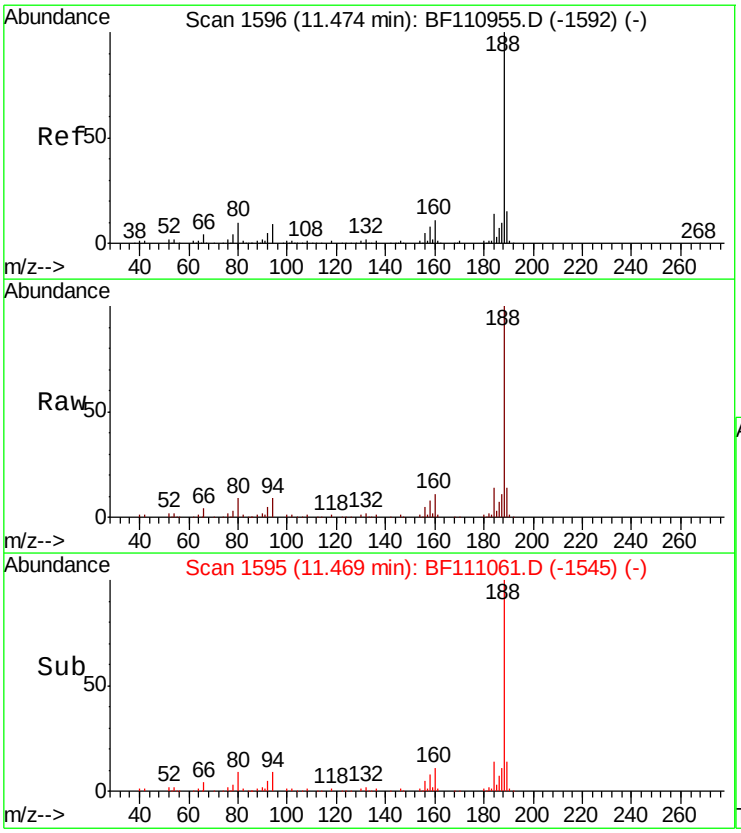
#58
Fluorene
Concen: 3.984 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Instrument :
BNA_F
ClientSampleId :
B-20(1-10)DL

Tgt Ion:166 Resp: 26213

Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.6	117.8
167	14.1	10.8	16.2

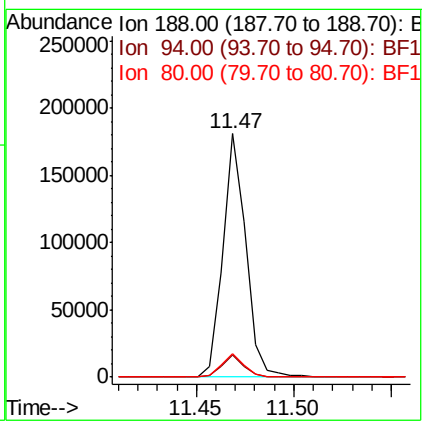


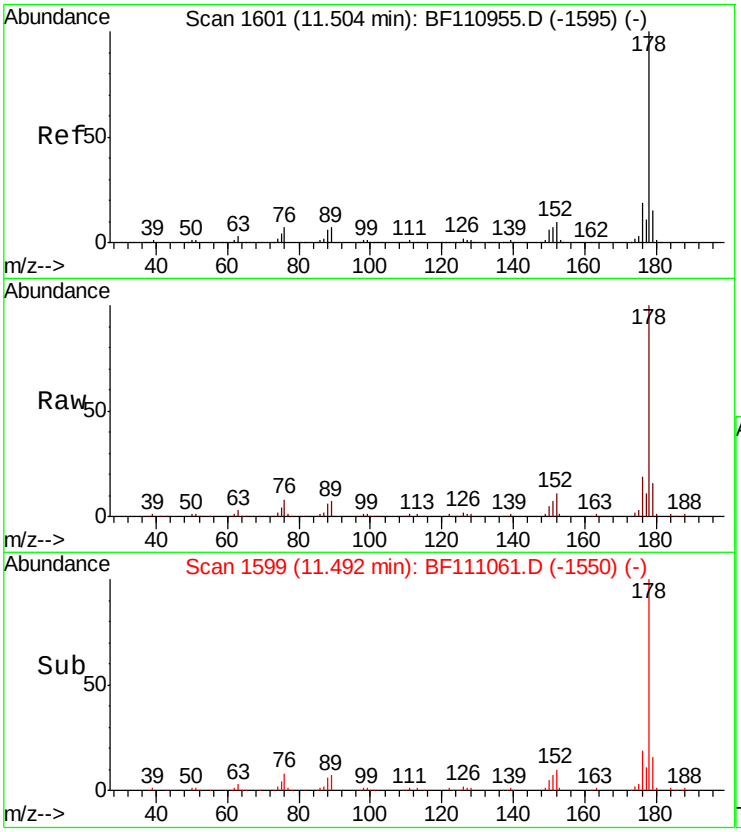


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Tgt Ion:188 Resp: 147937

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.4	7.9	11.9



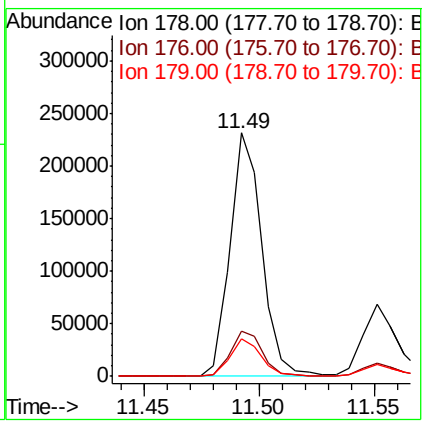


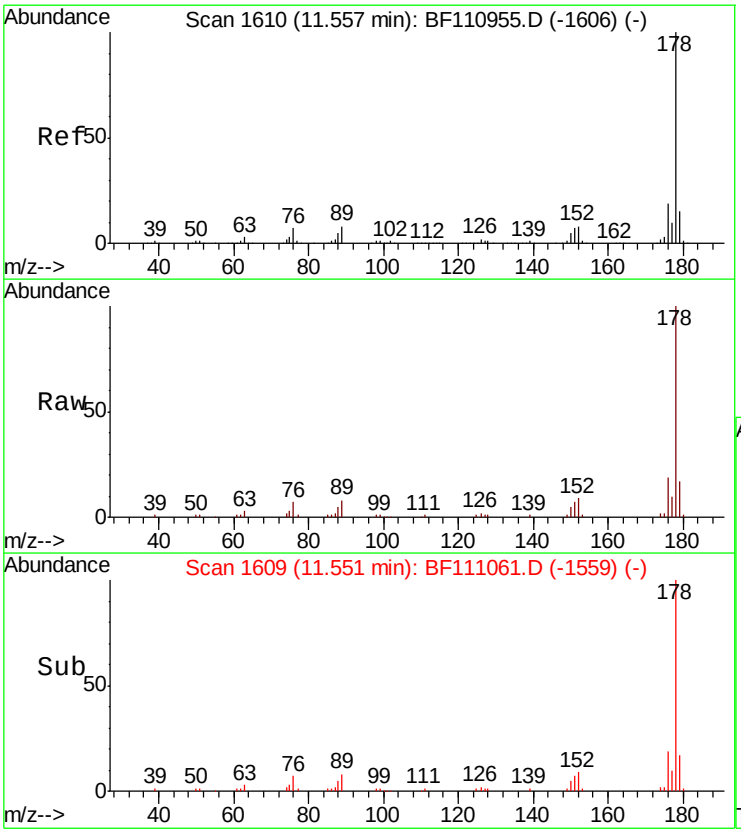
#71
Phenanthrene
Concen: 28.392 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Instrument :
BNA_F
ClientSampleId :
B-20(1-10)DL

Tgt Ion:178 Resp: 222459

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	15.6	12.5	18.7

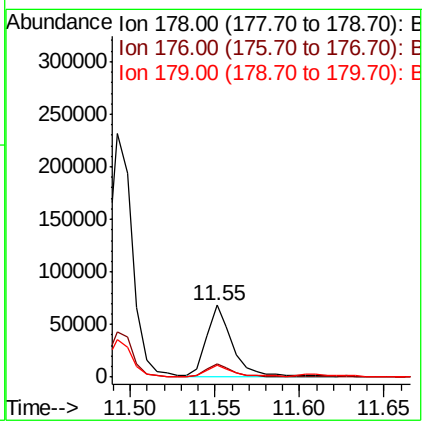


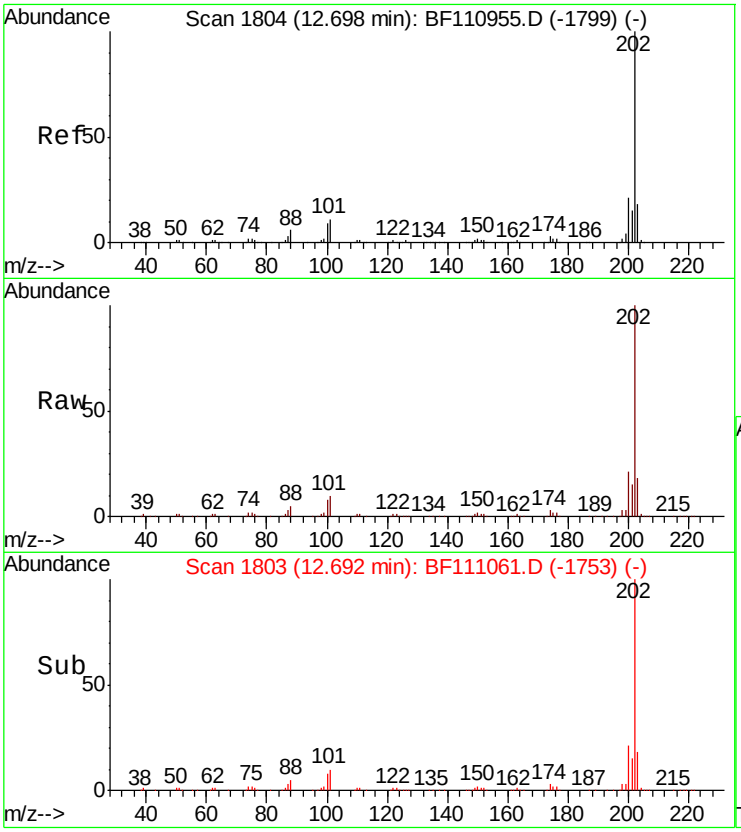


#72
Anthracene
Concen: 9.019 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Tgt Ion:178 Resp: 71963

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	17.3	12.6	18.8



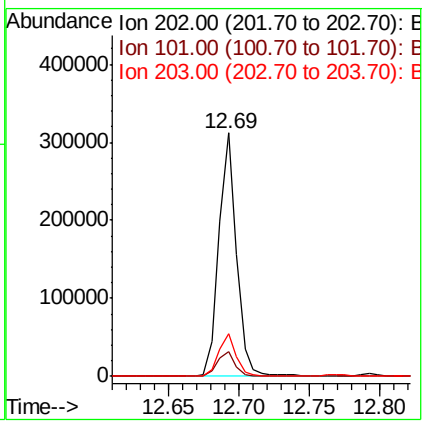


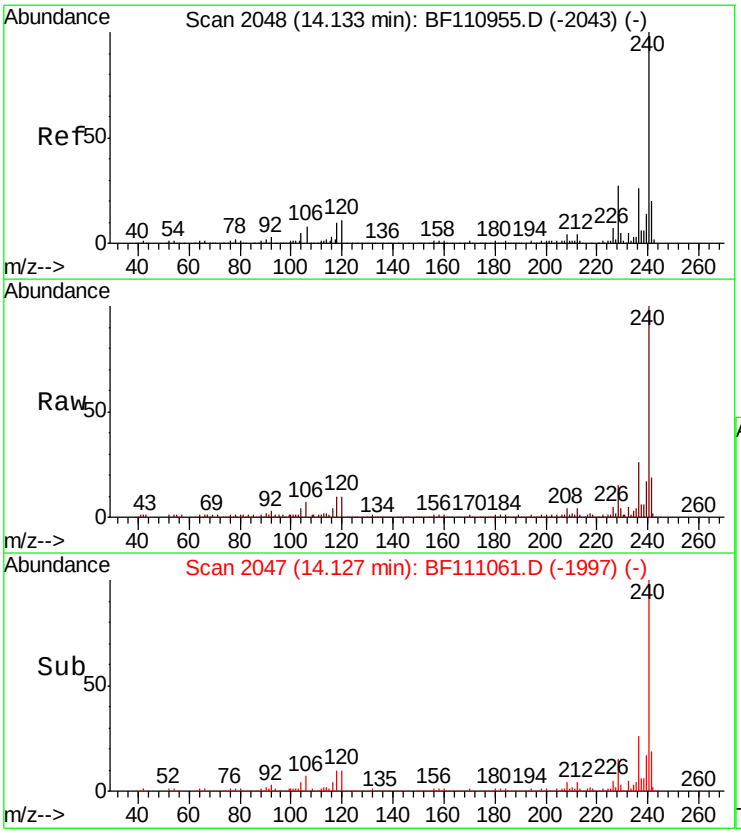
#75
Fluoranthene
Concen: 34.051 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Instrument :
BNA_F
ClientSampleId :
B-20(1-10)DL

Tgt Ion:202 Resp: 274206

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.4
203	17.7	0.0	37.7

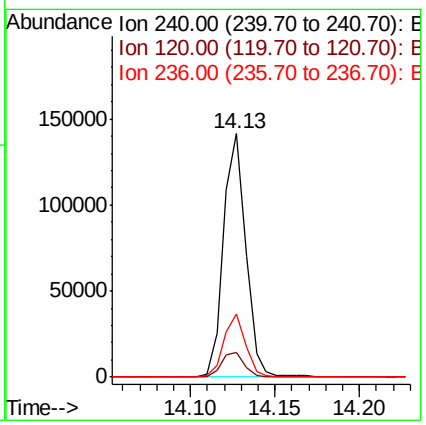


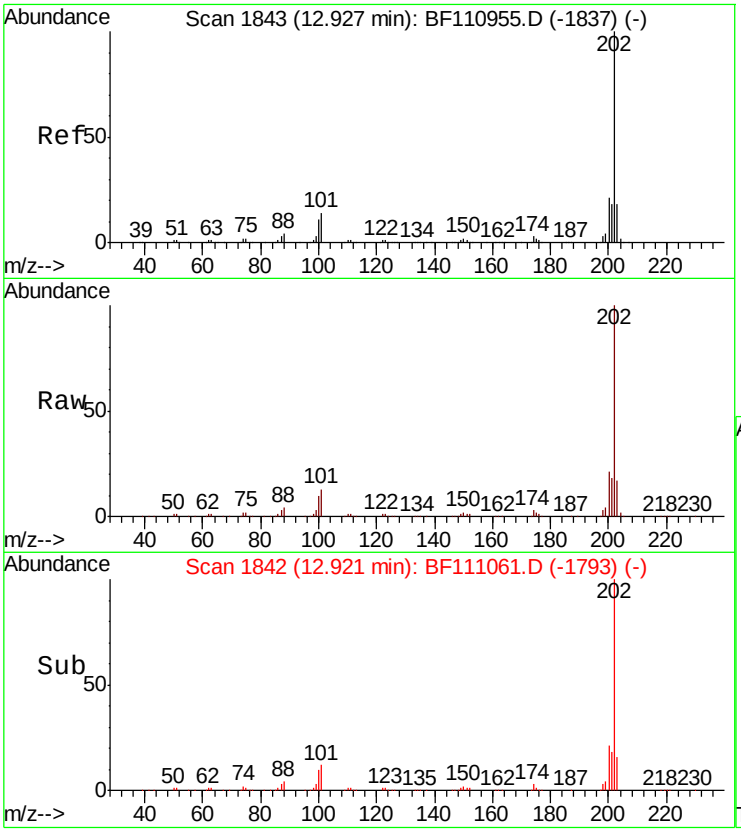


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Tgt Ion:240 Resp: 130410

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.3	12.5
236	25.9	21.2	31.8



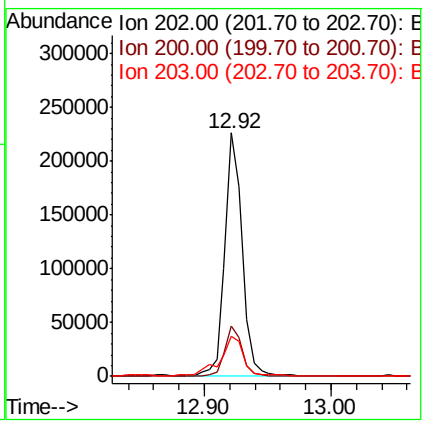


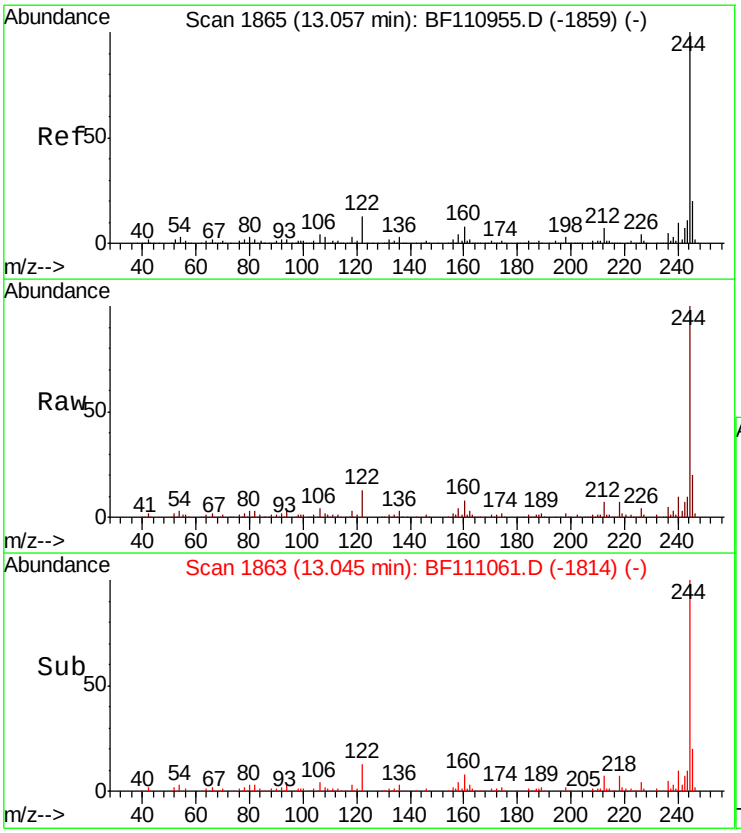
#78
Pyrene
Concen: 22.364 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Instrument :
BNA_F
ClientSampleId :
B-20(1-10)DL

Tgt Ion:202 Resp: 213017

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	16.7	14.2	21.4

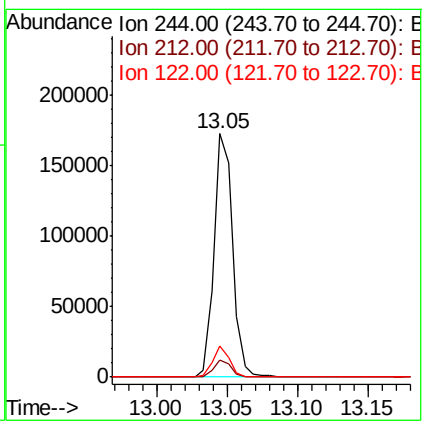


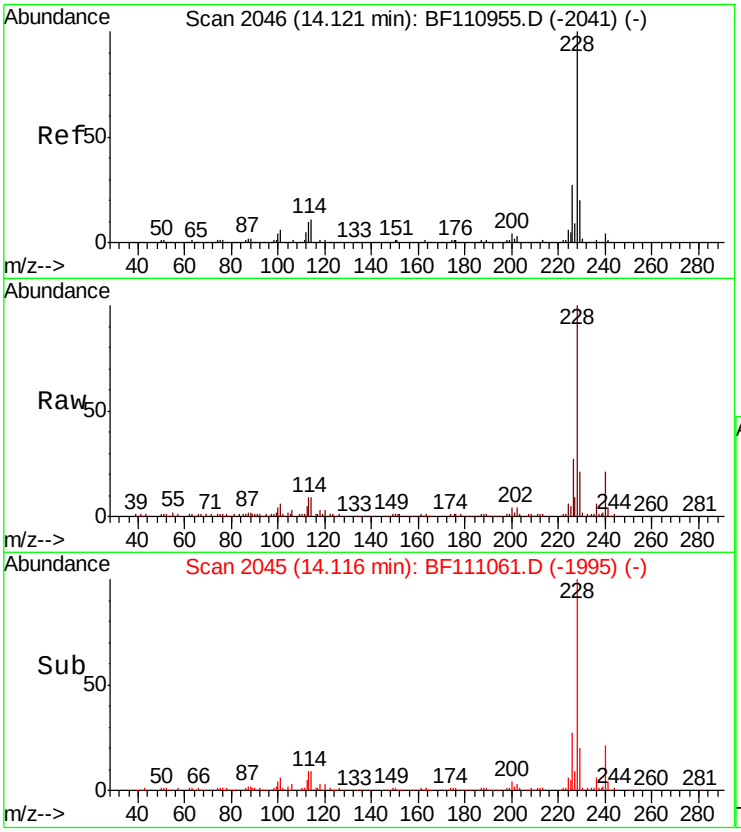


#79
Terphenyl-d14
Concen: 23.603 ng
RT: 13.05 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Tgt Ion:244 Resp: 158124

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.9	8.7	13.1



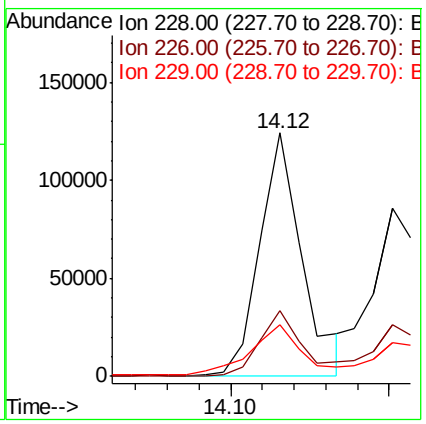


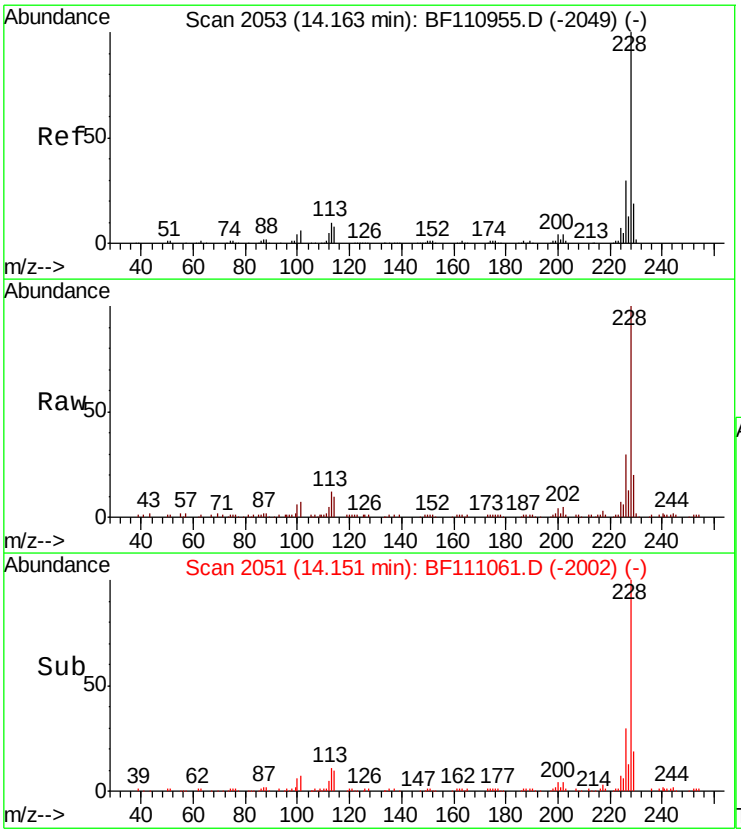
#81
Benzo(a)anthracene
Concen: 14.934 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Instrument :
BNA_F
ClientSampleId :
B-20(1-10)DL

Tgt Ion:228 Resp: 114984

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.1	33.1
229	21.0	15.6	23.4

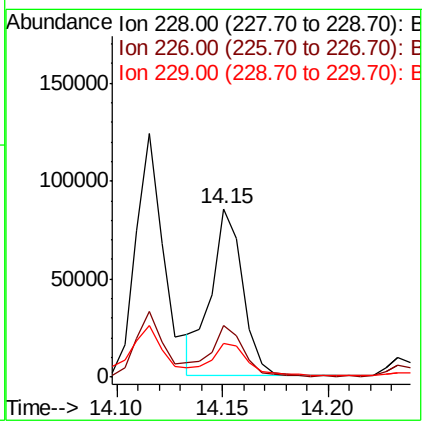


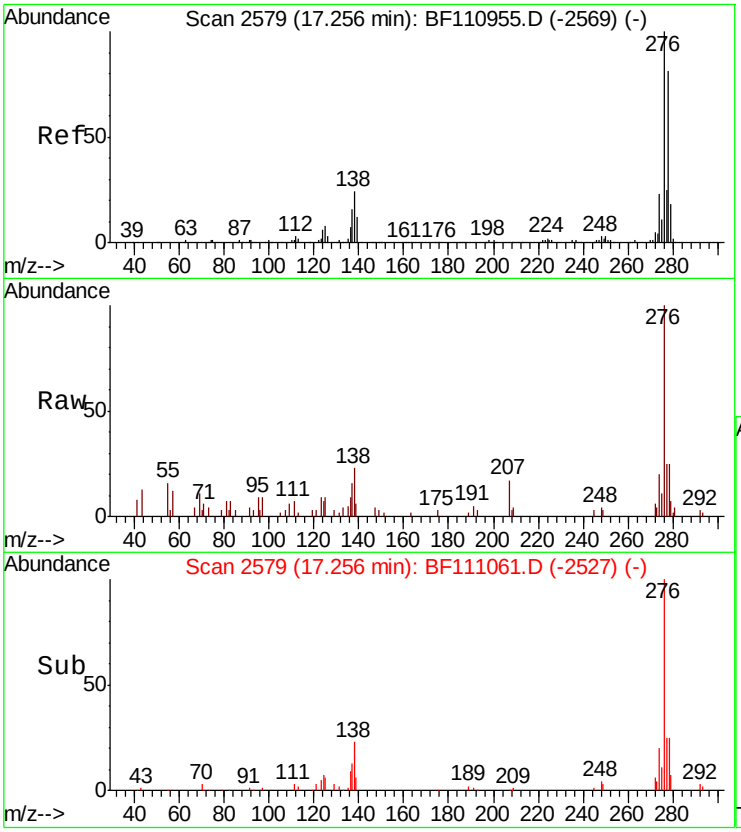


#83
Chrysene
Concen: 11.846 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Tgt Ion:228 Resp: 89780

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	20.1	15.9	23.9



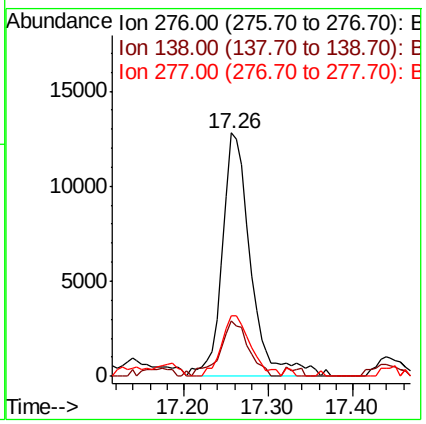


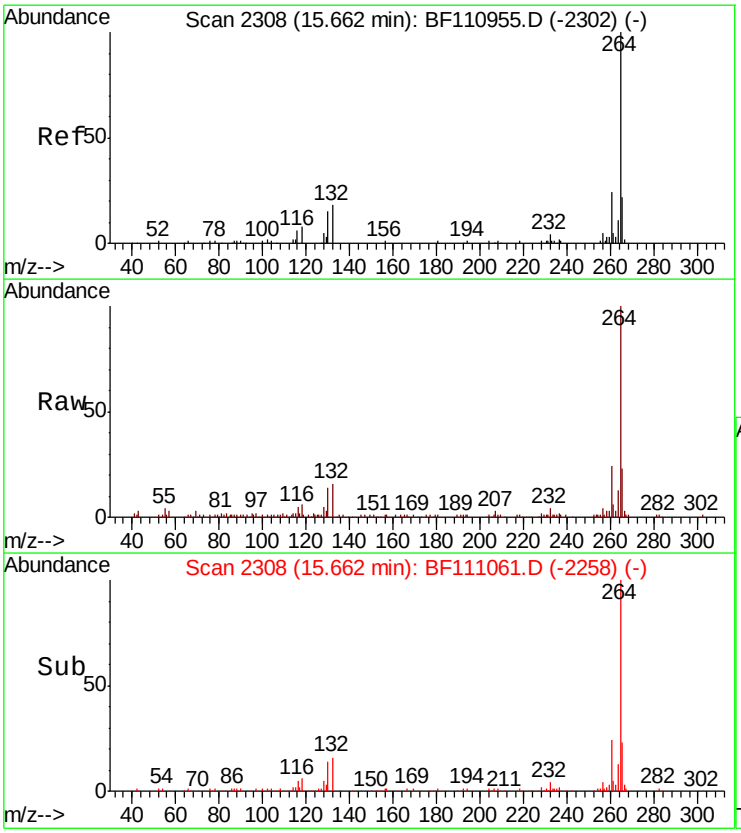
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.459 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Instrument :
BNA_F
ClientSampleId :
B-20(1-10)DL

Tgt Ion:276 Resp: 29700

Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.5	27.7
277	25.3	20.0	30.0

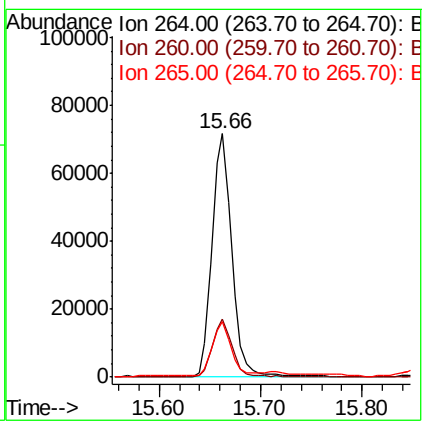


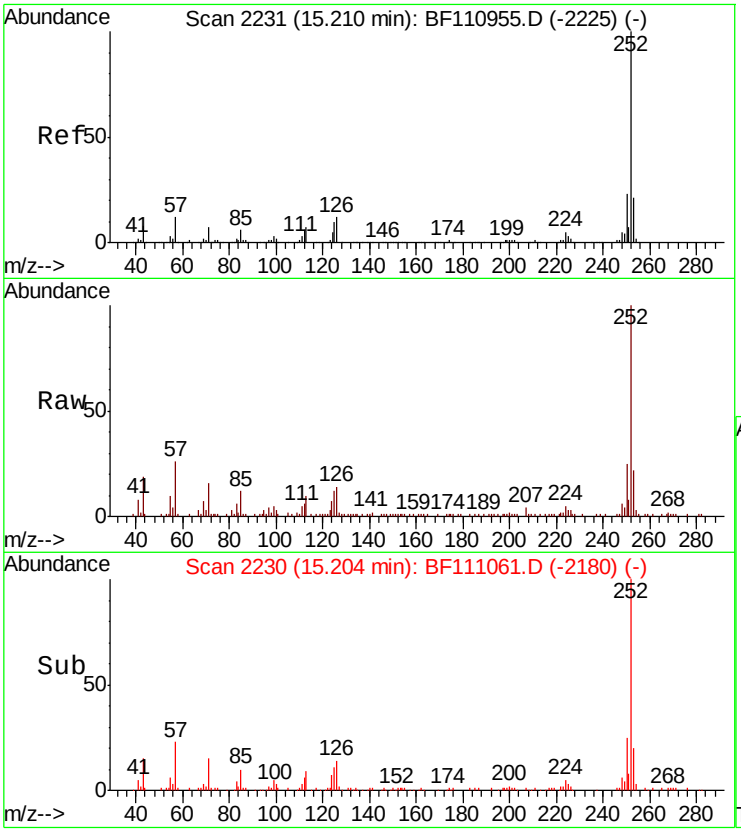


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Tgt Ion:264 Resp: 98010

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.7	16.7	25.1



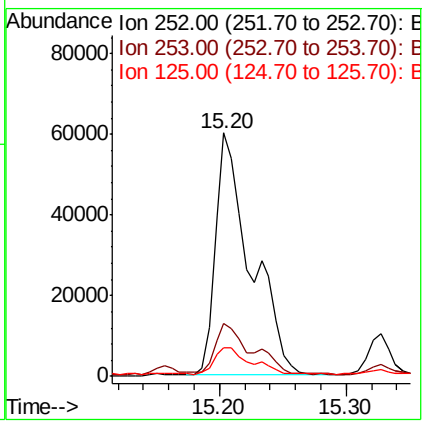


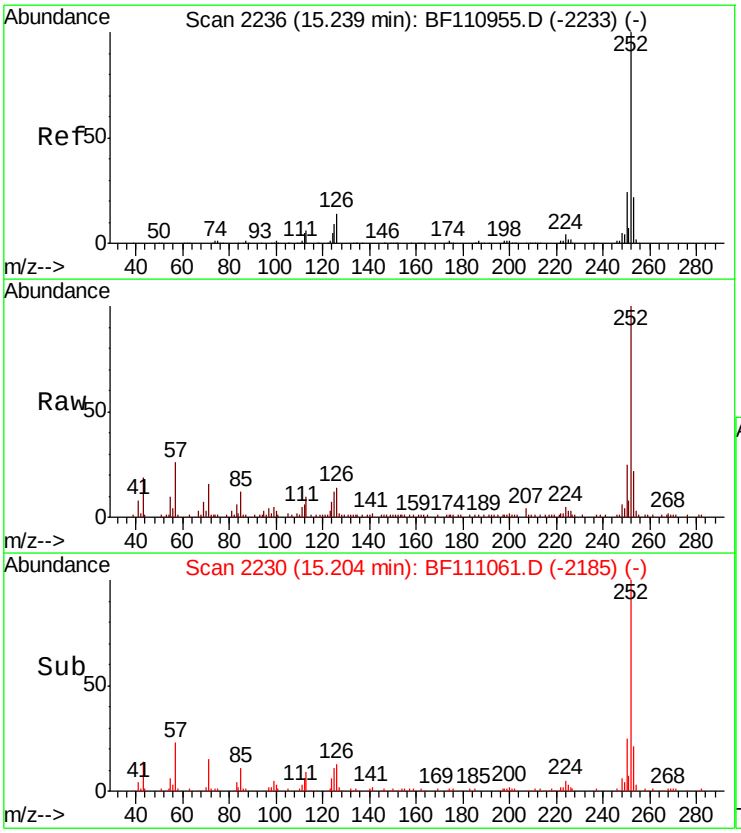
#88
Benzo(b)fluoranthene
Concen: 20.262 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Instrument :
BNA_F
ClientSampleId :
B-20(1-10)DL

Tgt Ion:252 Resp: 116661

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	11.8	8.2	12.4

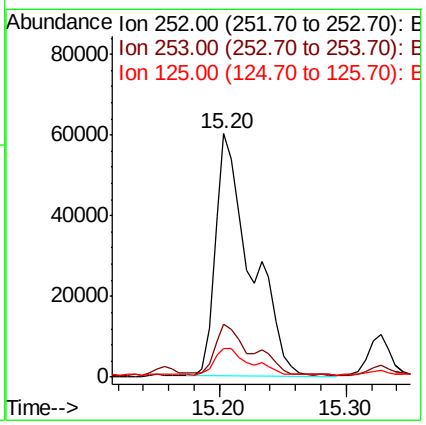


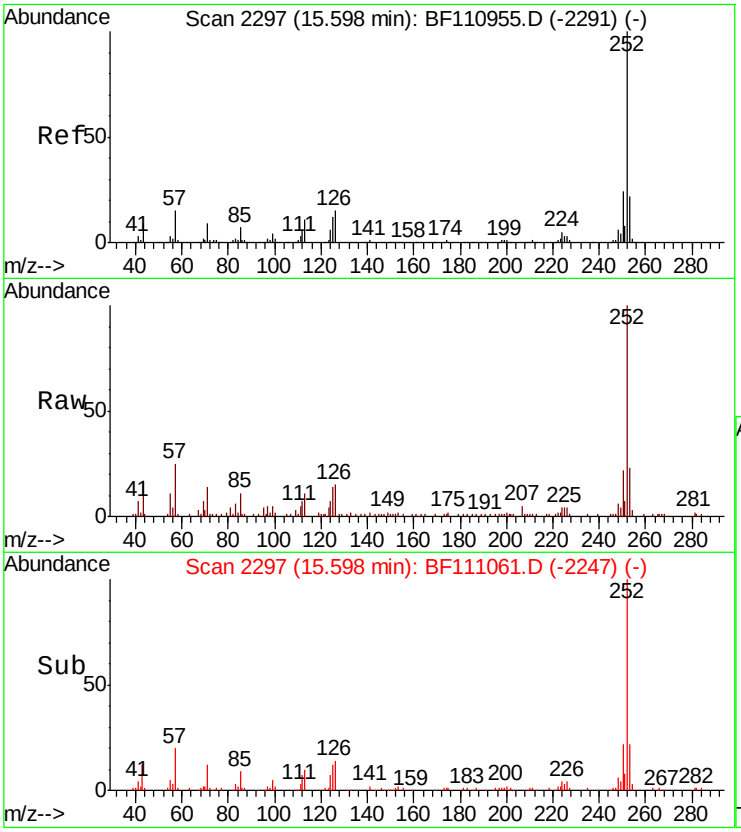


#89
Benzo(k)fluoranthene
Concen: 19.771 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Tgt Ion:252 Resp: 117169

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	11.8	7.4	11.0#



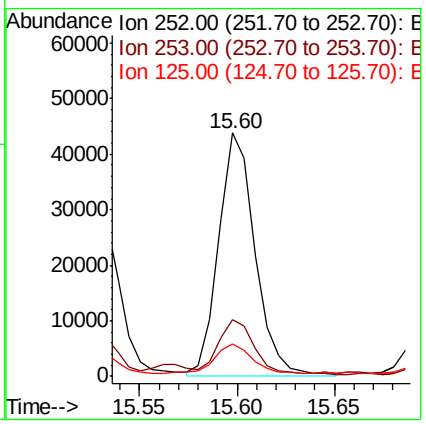


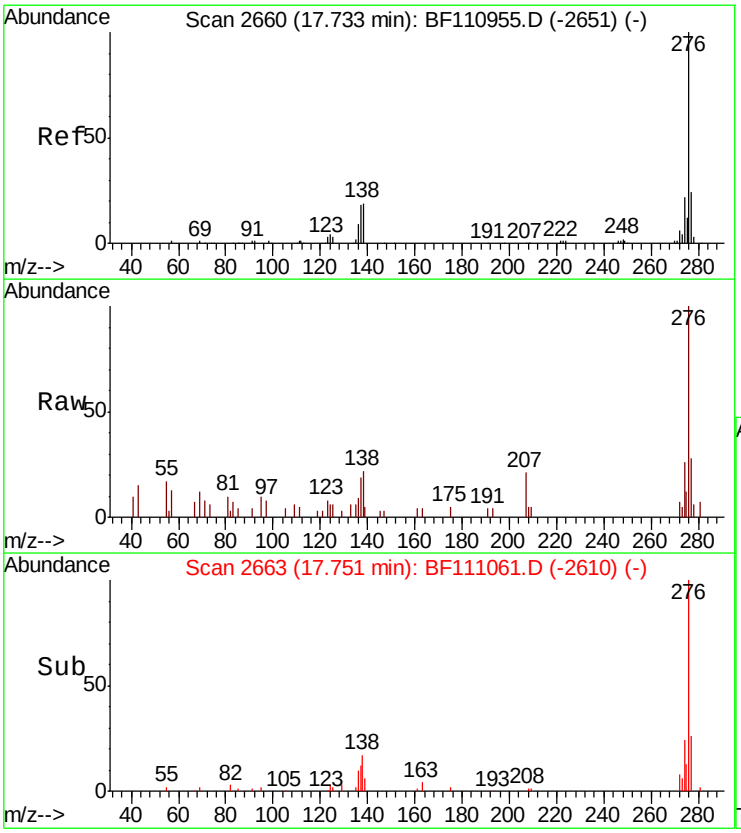
#90
Benzo(a)pyrene
Concen: 10.661 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Instrument :
BNA_F
ClientSampleId :
B-20(1-10)DL

Tgt Ion:252 Resp: 57137

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	13.5	9.0	13.6





#92
Benzo(g,h,i)perylene
Concen: 5.855 ng
RT: 17.75 min Scan# 2663
Delta R.T. 0.01 min
Lab File: BF111061.D
Acq: 28 Nov 2018 22:29

Tgt Ion:276 Resp: 24964

Ion	Ratio	Lower	Upper
276	100		
277	27.9	18.8	28.2
138	27.0	16.0	24.0#