Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110271.D
Acq On : 29 Oct 2018 19:31
Operator : JU/SJ
Sample : J5697-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 30 08:04:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 17:29:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	105505	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	431756	20.00	ng		0.00
39) Acenaphthene-d10	10.01	164	188552	20.00	ng		0.00
64) Phenanthrene-d10	11.50	188	288191	20.00	ng		0.00
76) Chrysene-d12	14.15	240	205529	20.00	ng		0.00
87) Perylene-d12	15.69	264	171782	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	629553	97.17	ng		0.00
7) Phenol-d6	6.59	99	792043	95.58	ng		0.00
23) Nitrobenzene-d5	7.53	82	502922	69.09	ng		0.00
42) 2,4,6-Tribromophenol	10.80	330	148675	79.60	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	906205	75.47	ng		0.00
79) Terphenyl-d14	13.09	244	588181	59.52	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.60	94	45633	5.152	ng	#	62
19) n-Nitroso-di-n-propylamine	7.53	70	66196	12.451	ng	#	81
25) Isophorone	7.53	82	502919	40.531	ng	#	67
50) Dimethylphthalate	9.72	163	131875	9.475	ng		99
57) 2,4-Dinitrotoluene	10.01	165	23607	6.199	ng	#	19
67) 4-Bromophenyl-phenylether	10.80	248	9411	3.011	ng	#	1
71) Phenanthrene	11.53	178	54574	3.619	ng		99
75) Fluoranthene	12.72	202	69268	4.526	ng		99
78) Pyrene	12.95	202	54257	3.682	ng		96
88) Benzo(b)fluoranthene	15.23	252	46525	4.690	ng	#	97
89) Benzo(k)fluoranthene	15.23	252	46525	4.771	ng	#	96
90) Benzo(a)pyrene	15.62	252	19174	2.101	ng		94

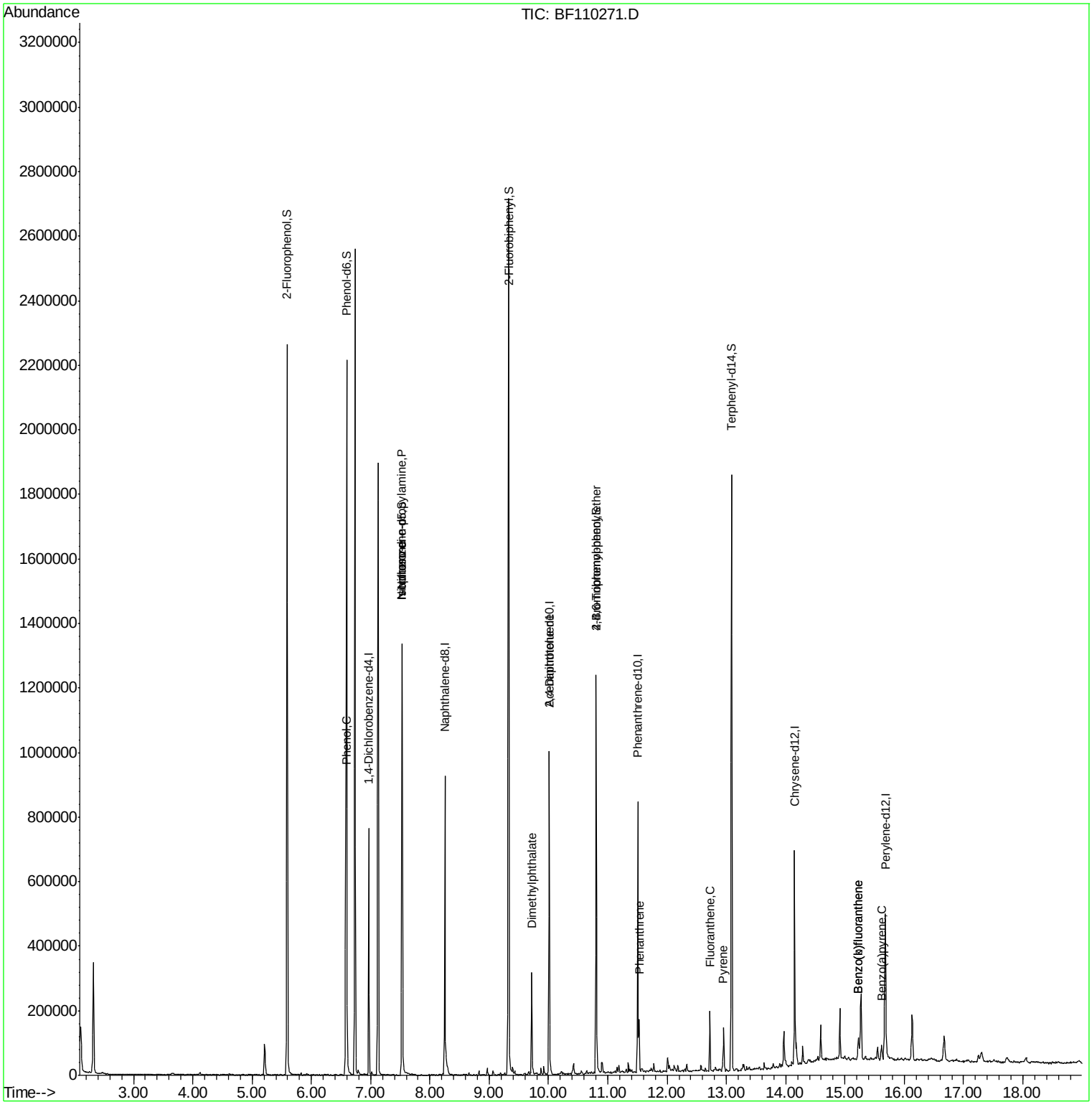
(#) = qualifier out of range (m) = manual integration (+) = signals summed

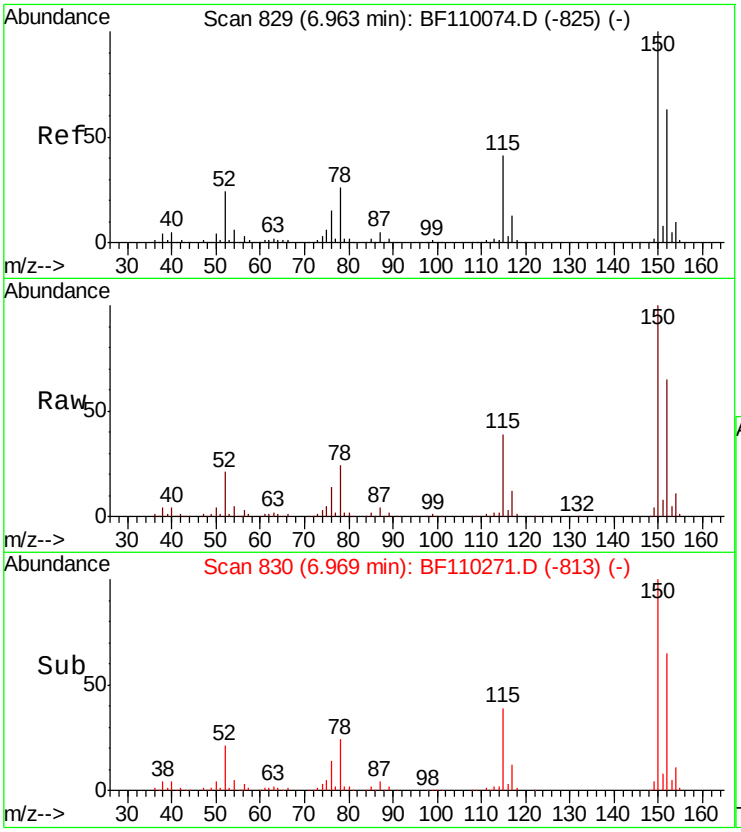
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110271.D
Acq On : 29 Oct 2018 19:31
Operator : JU/SJ
Sample : J5697-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 30 08:04:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 17:29:00 2018
Response via : Initial Calibration



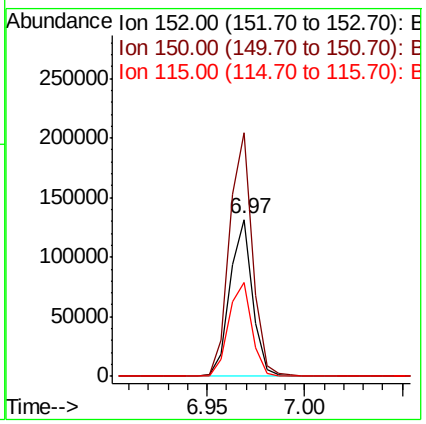


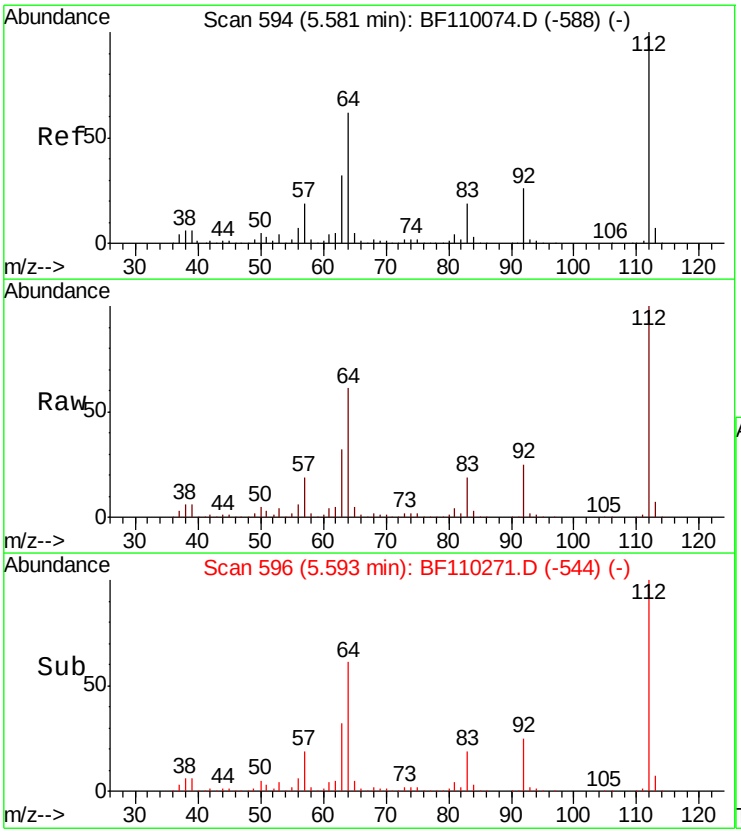
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 105505

Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.7	184.1
115	59.9	49.1	73.7

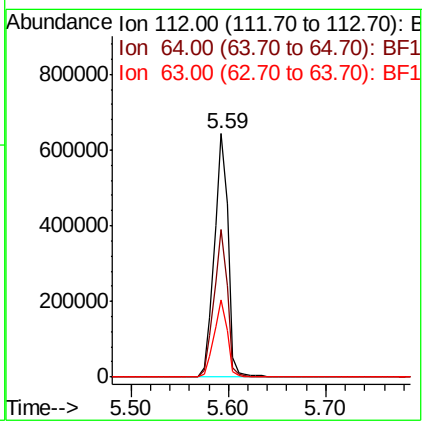


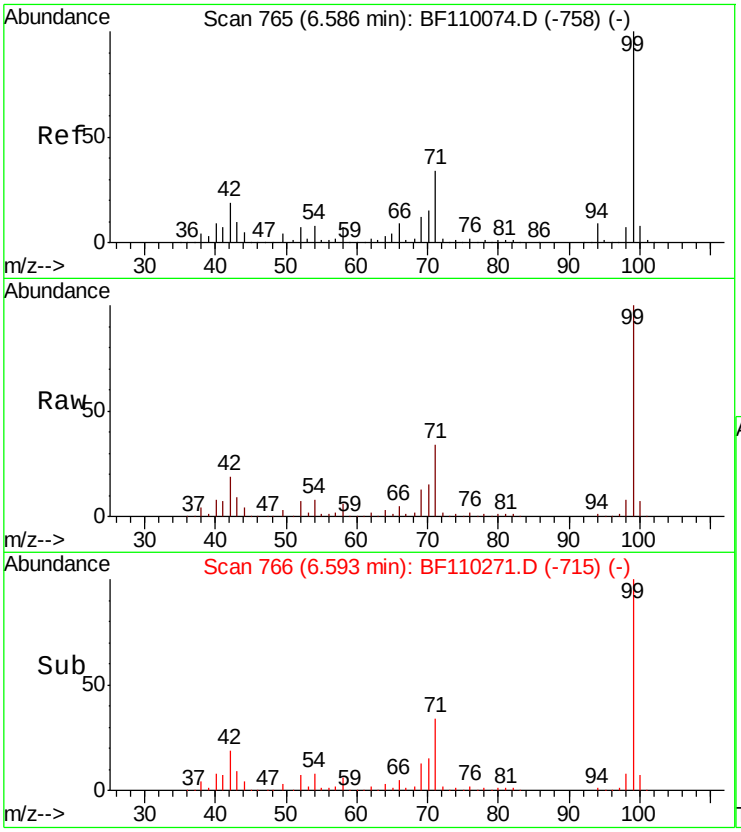


#5
2-Fluorophenol
Concen: 97.170 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Tgt Ion:112 Resp: 629553

Ion	Ratio	Lower	Upper
112	100		
64	60.7	44.1	66.1
63	31.8	23.7	35.5



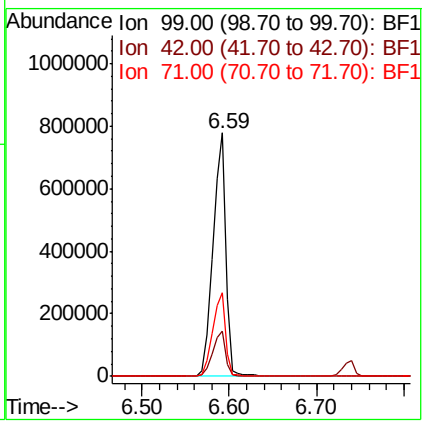


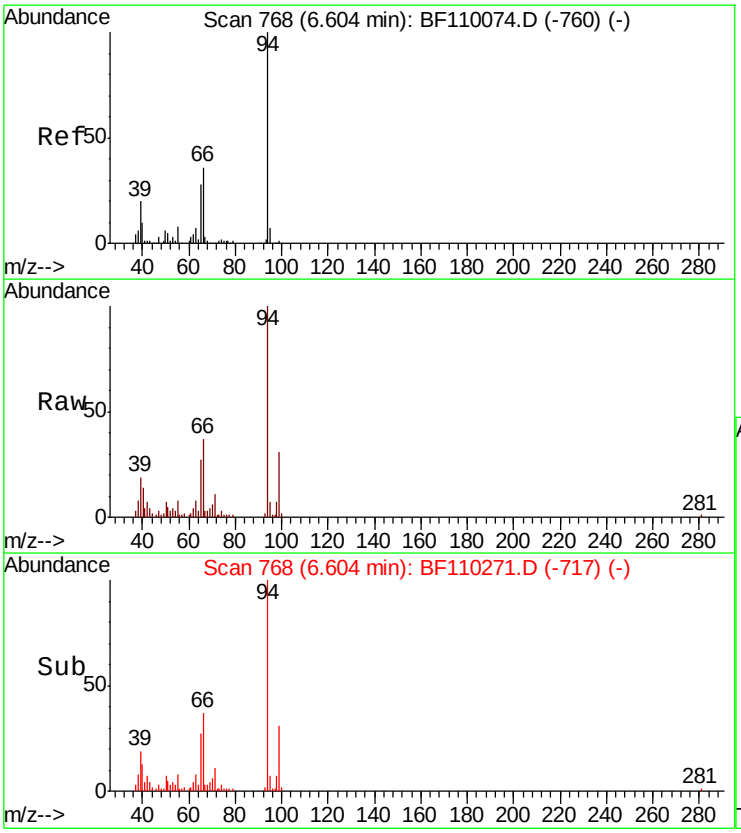
#7
Phenol-d6
Concen: 95.577 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 792043

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.8	23.6
71	34.3	28.0	42.0

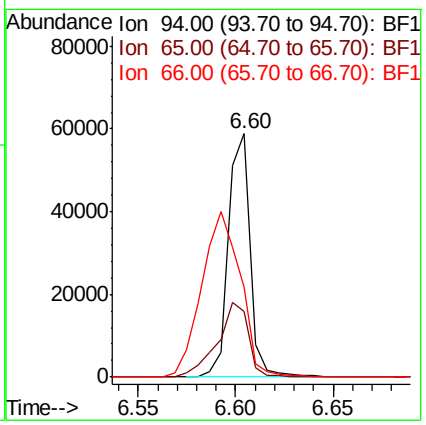


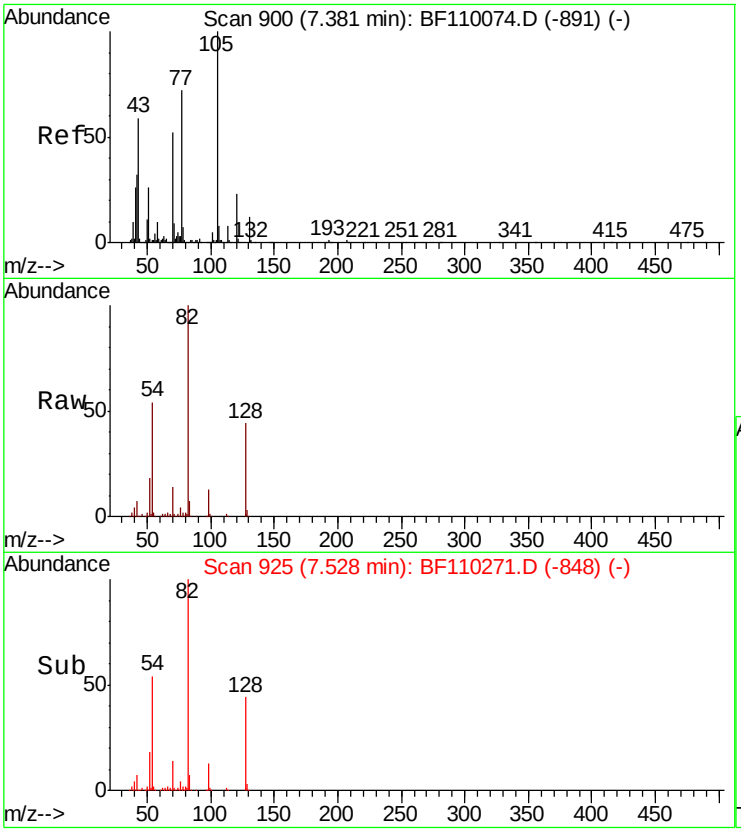


#10
Phenol
Concen: 5.152 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Tgt Ion: 94 Resp: 45633

Ion	Ratio	Lower	Upper
94	100		
65	27.2	25.3	65.3
66	37.1	54.5	94.5#



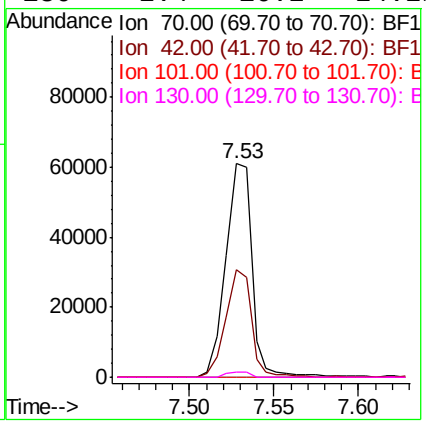


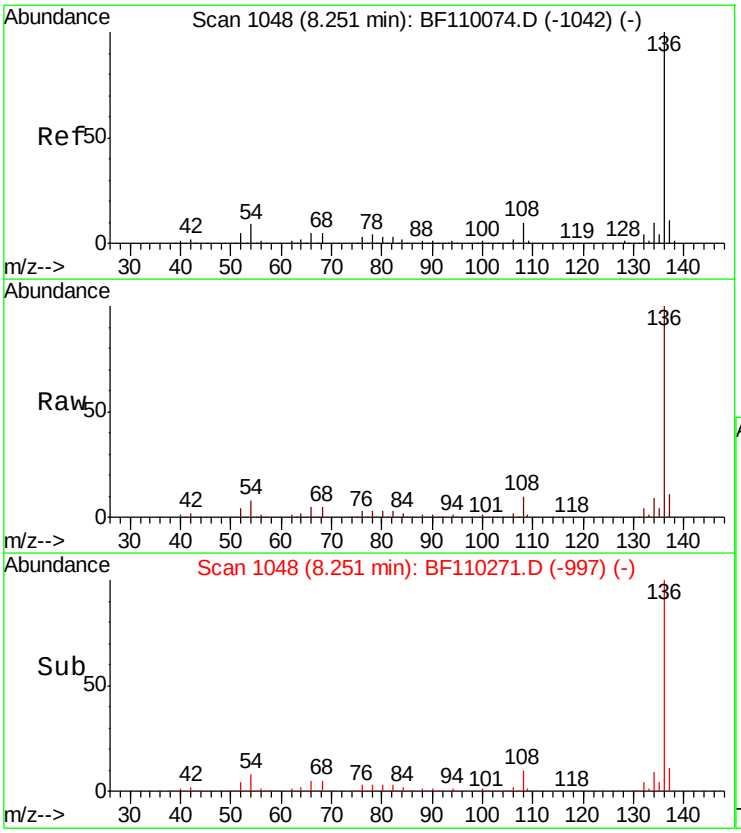
#19
n-Nitroso-di-n-propylamine
Concen: 12.451 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 66196

Ion	Ratio	Lower	Upper
70	100		
42	50.3	47.4	71.2
101	0.0	7.3	10.9#
130	2.4	16.2	24.2#

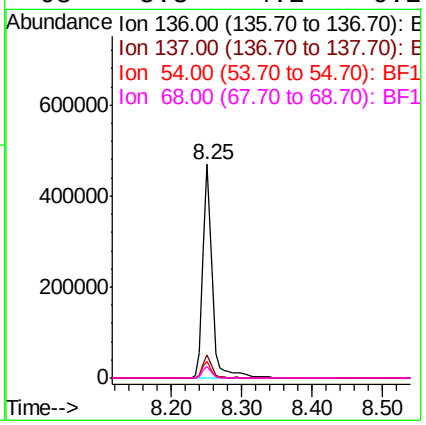


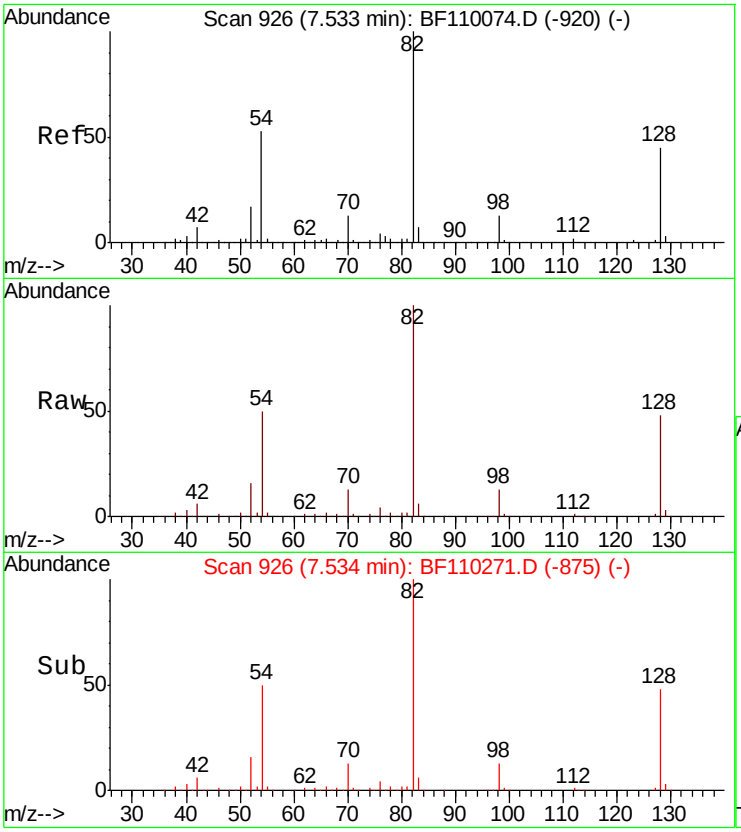


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Tgt Ion:136 Resp: 431756

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	5.4	8.2
68	5.3	4.2	6.2



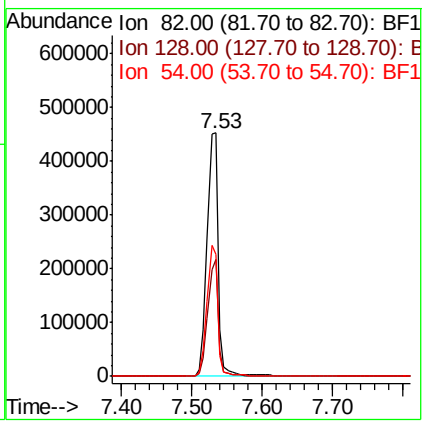


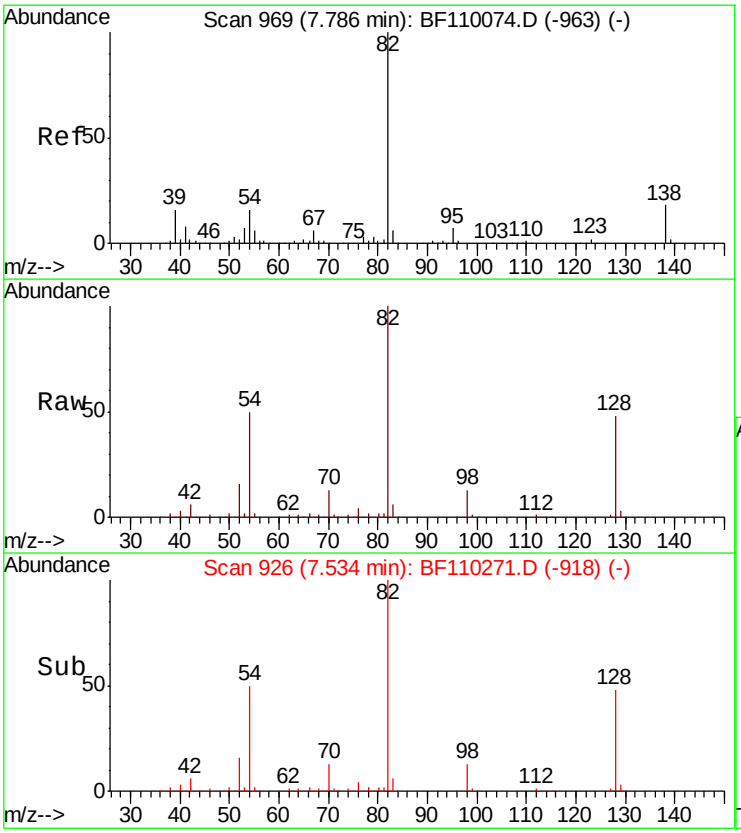
#23
Nitrobenzene-d5
Concen: 69.090 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 502922

Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.2	51.2
54	50.2	38.6	58.0

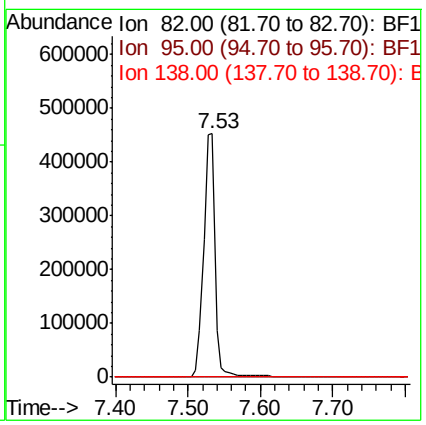


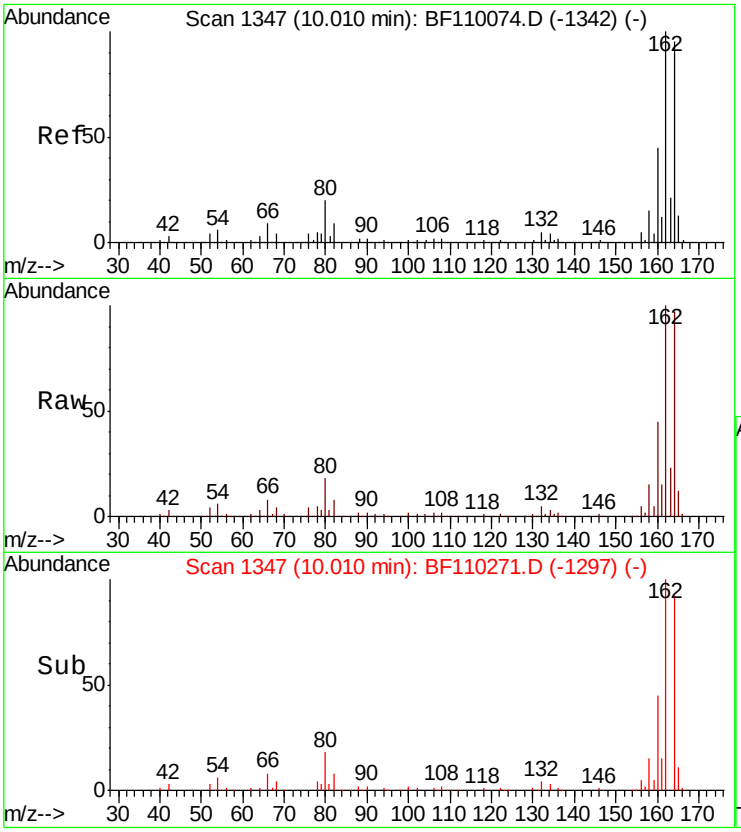


#25
Isophorone
Concen: 40.531 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Tgt Ion: 82 Resp: 502919

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



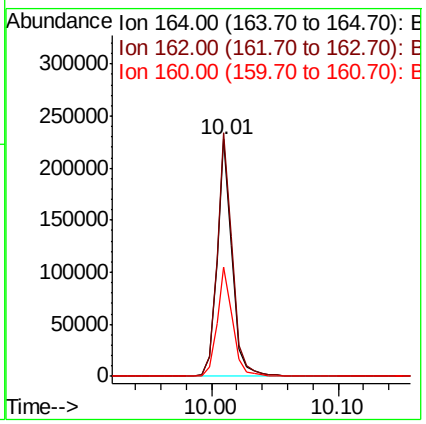


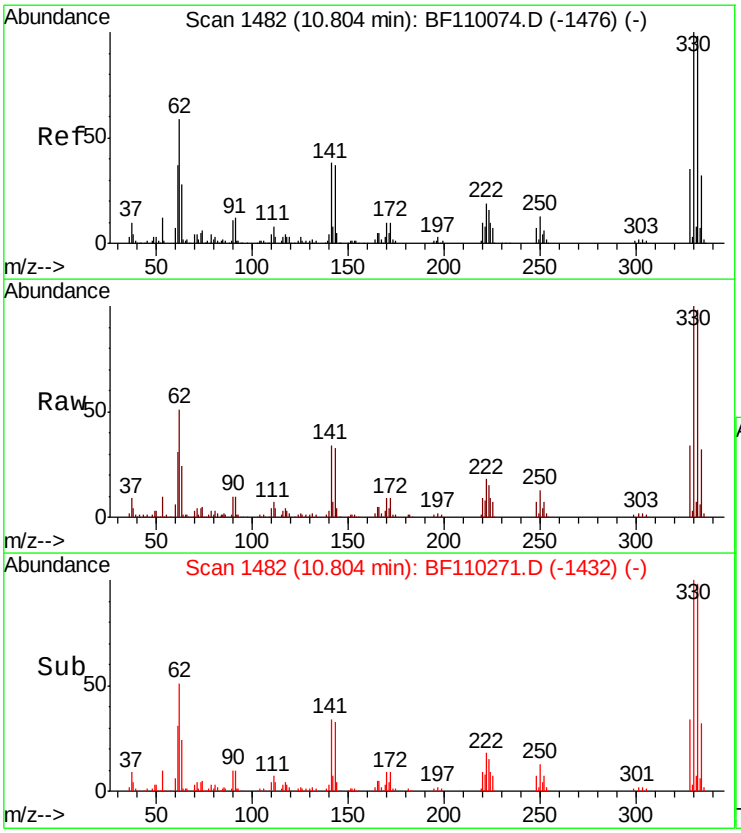
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 188552

Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.0	124.6
160	46.1	37.0	55.6

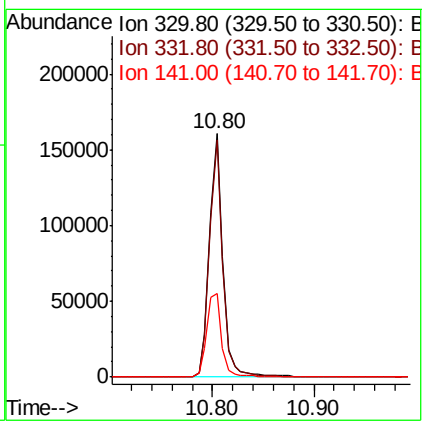


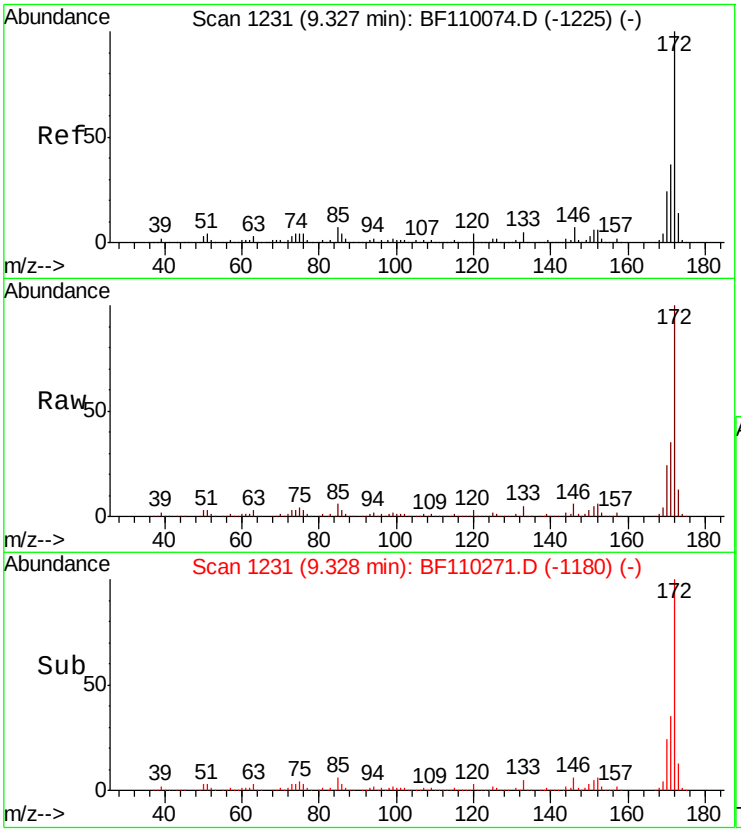


#42
2,4,6-Tribromophenol
Concen: 79.602 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Tgt Ion:330 Resp: 148675

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	37.8	27.0	40.4



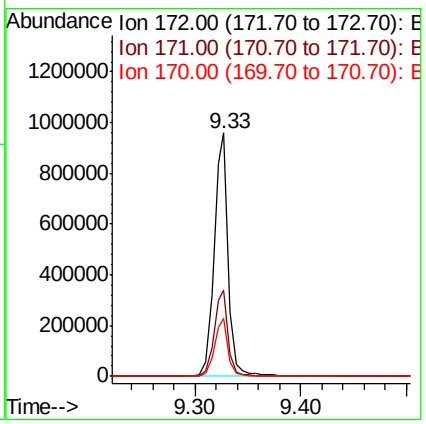


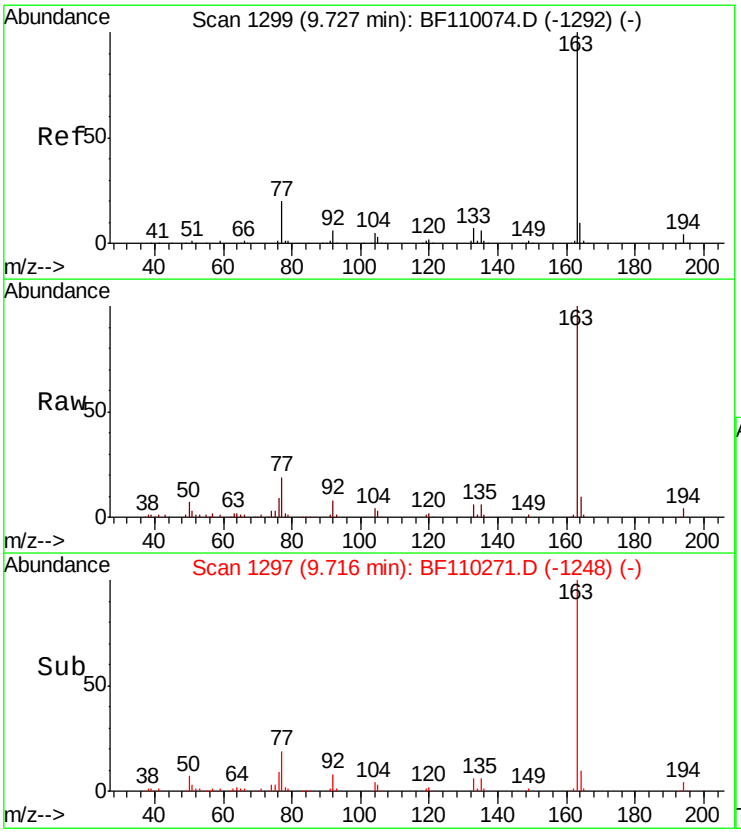
#45
2-Fluorobiphenyl
Concen: 75.469 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 906205

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.6	19.7	29.5

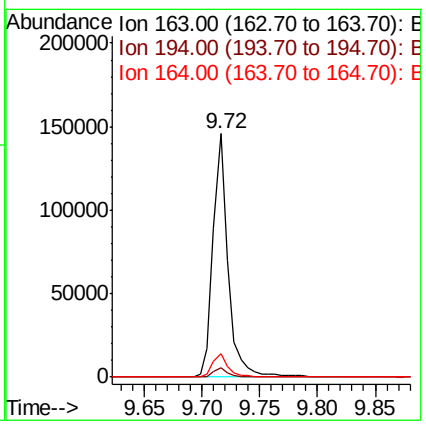


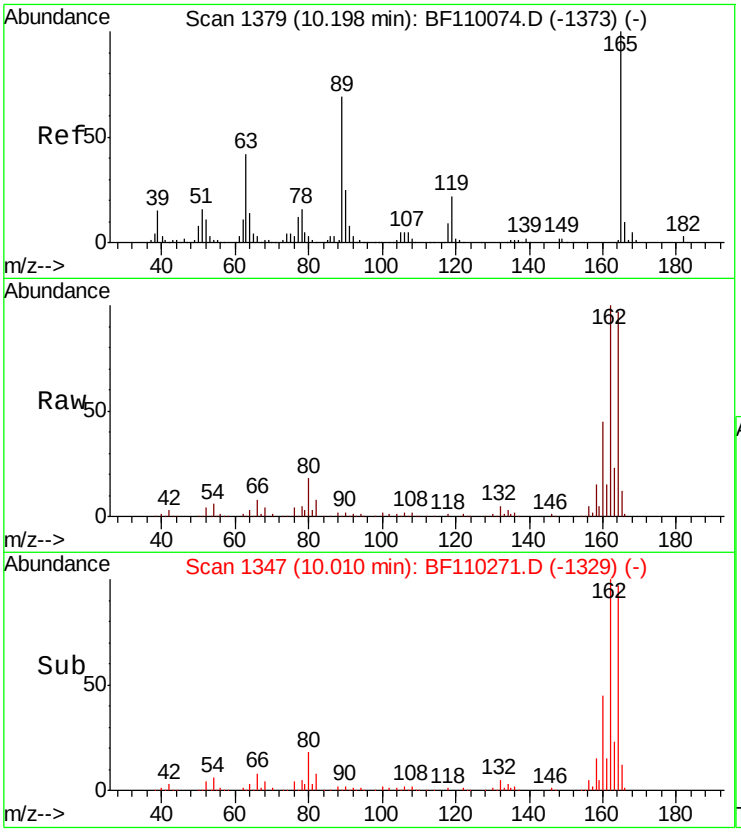


#50
Dimethylphthalate
Concen: 9.475 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Tgt Ion:163 Resp: 131875

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.6	8.1	12.1



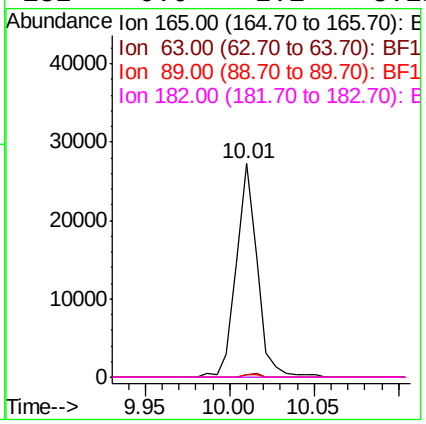


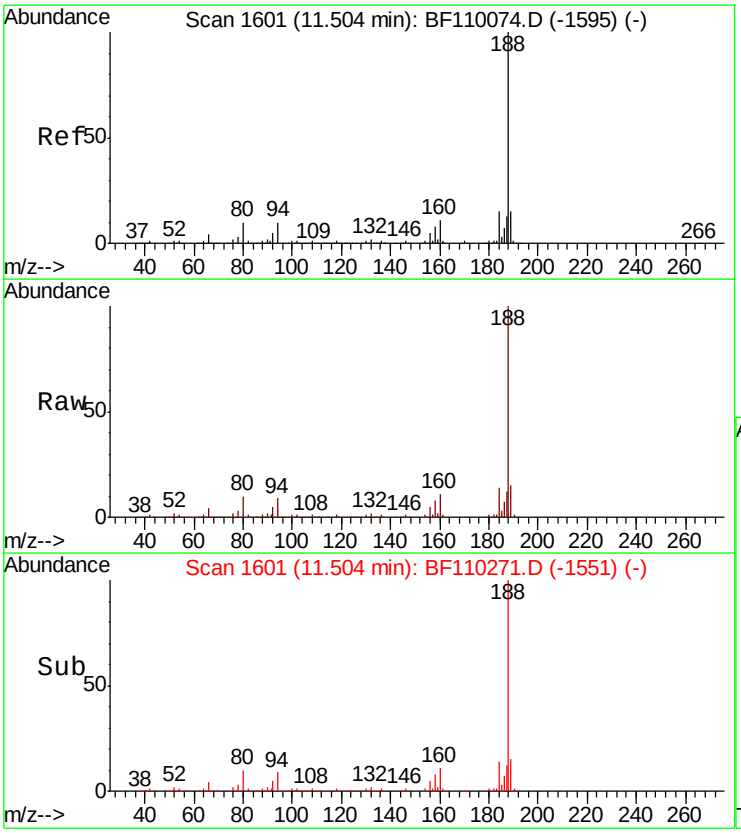
#57
2,4-Dinitrotoluene
Concen: 6.199 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23607

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#

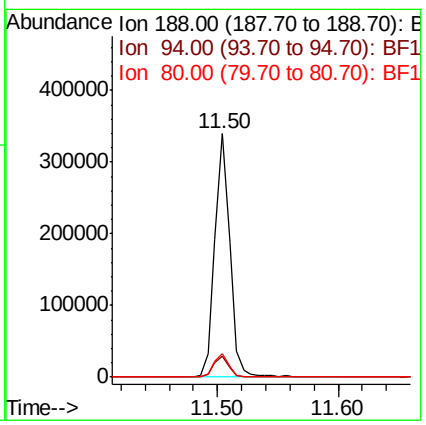


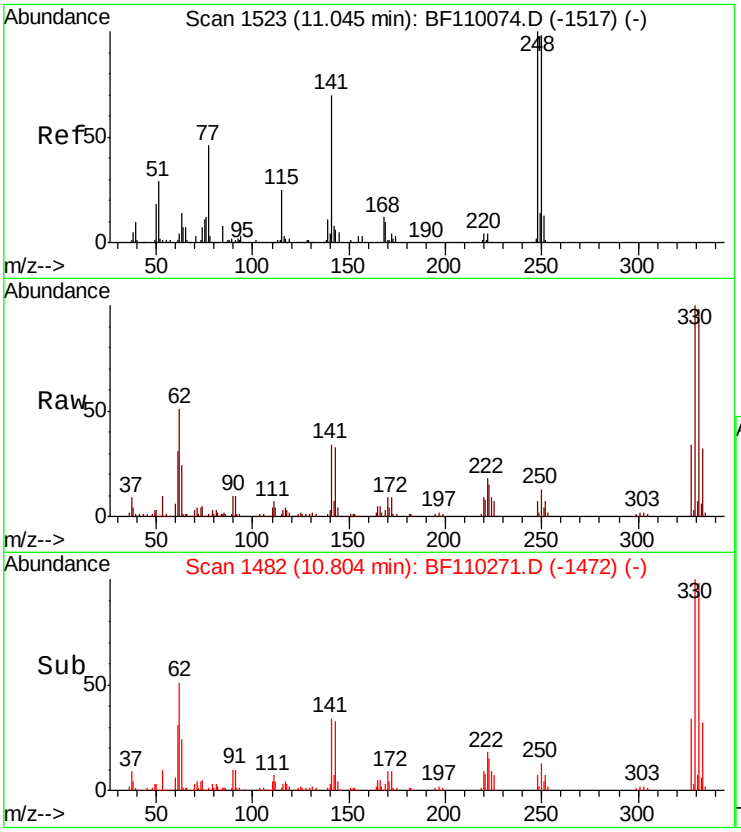


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Tgt Ion:188 Resp: 288191

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.8	7.9	11.9



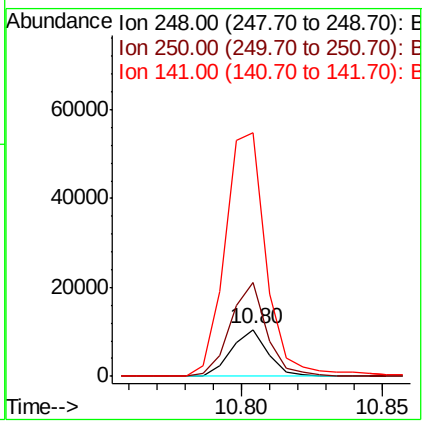


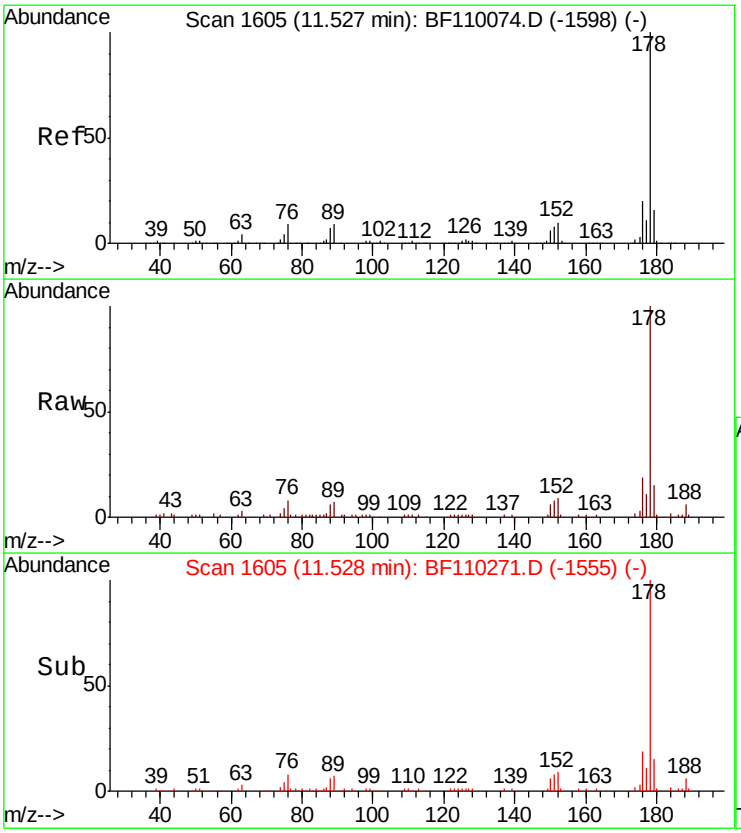
#67
4-Bromophenyl-phenylether
Concen: 3.011 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9411

Ion	Ratio	Lower	Upper
248	100		
250	201.6	79.4	119.2#
141	522.1	55.9	83.9#

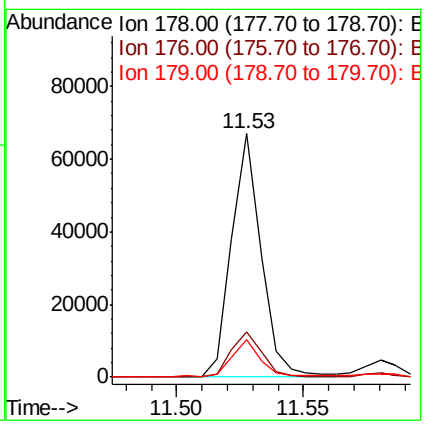


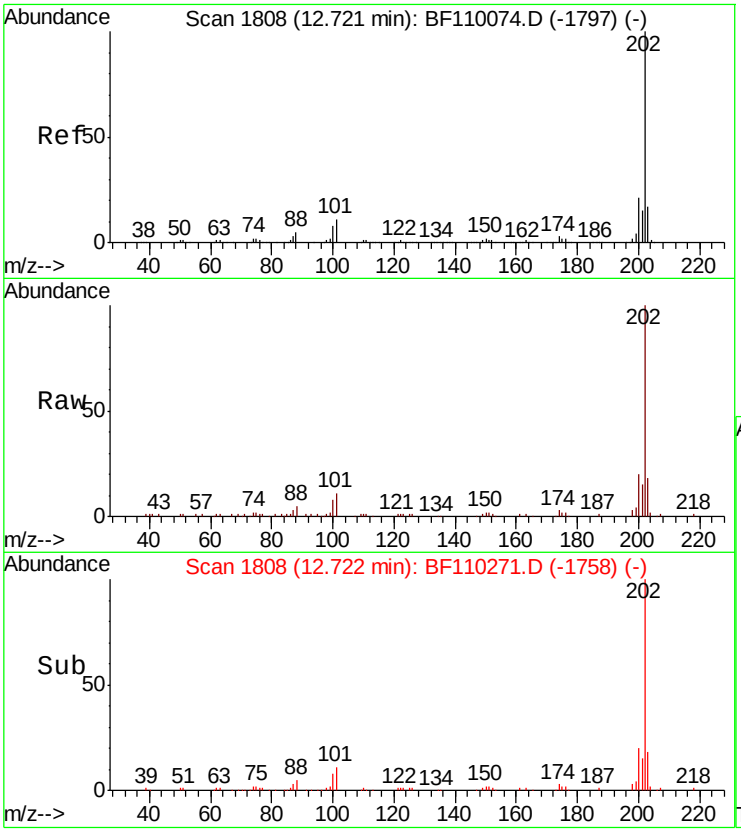


#71
Phenanthrene
Concen: 3.619 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Tgt Ion:178 Resp: 54574

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.2	12.5	18.7



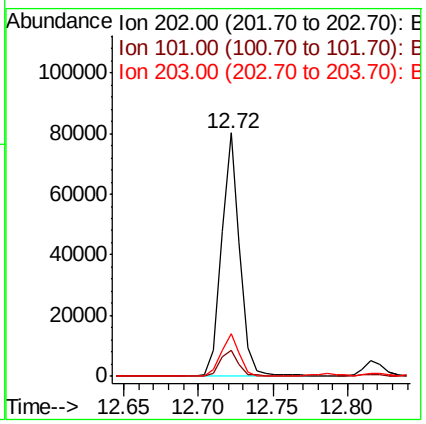


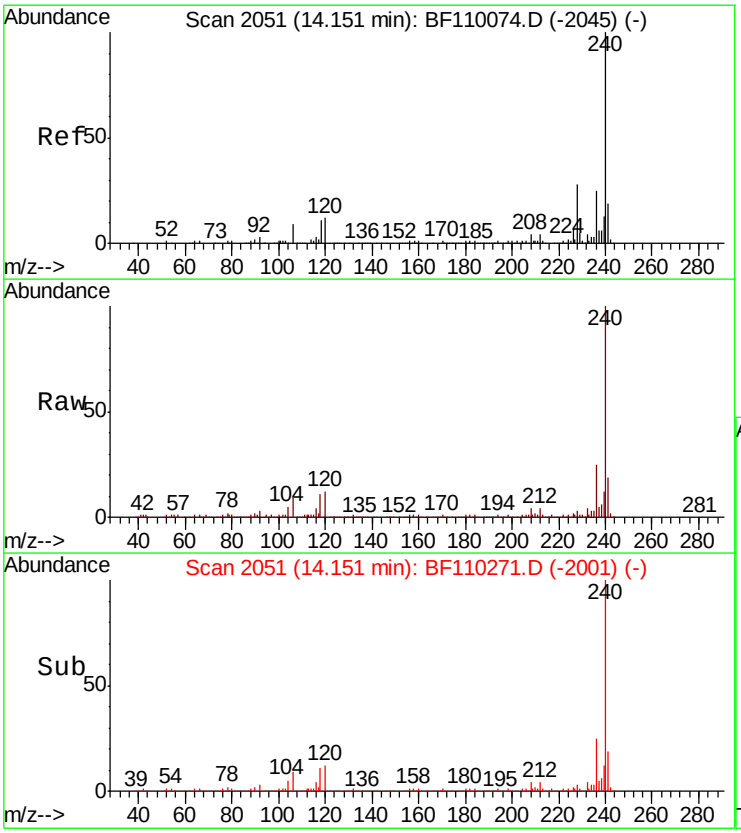
#75
Fluoranthene
Concen: 4.526 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 69268

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.4
203	17.7	0.0	37.7

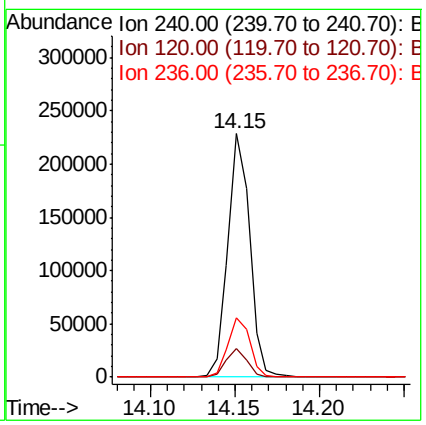


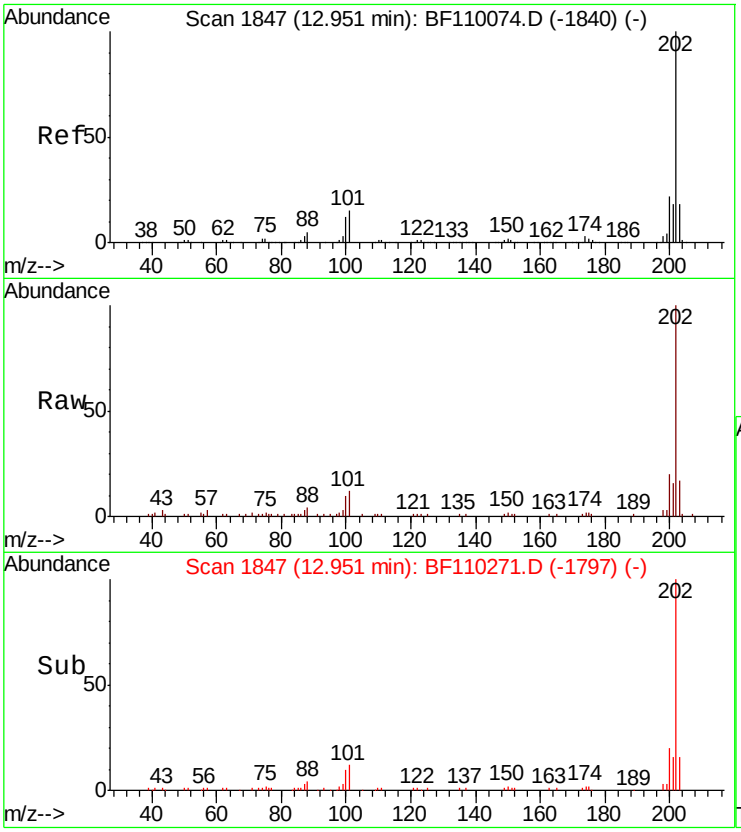


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Tgt Ion:240 Resp: 205529

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.3	12.5
236	24.6	21.2	31.8



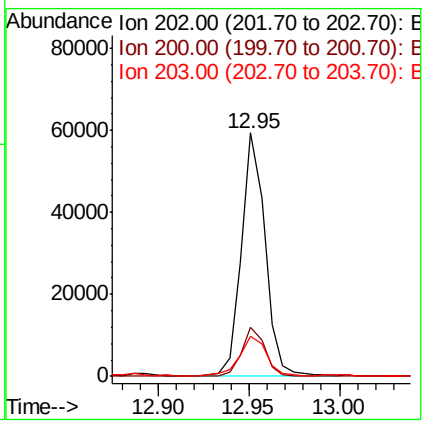


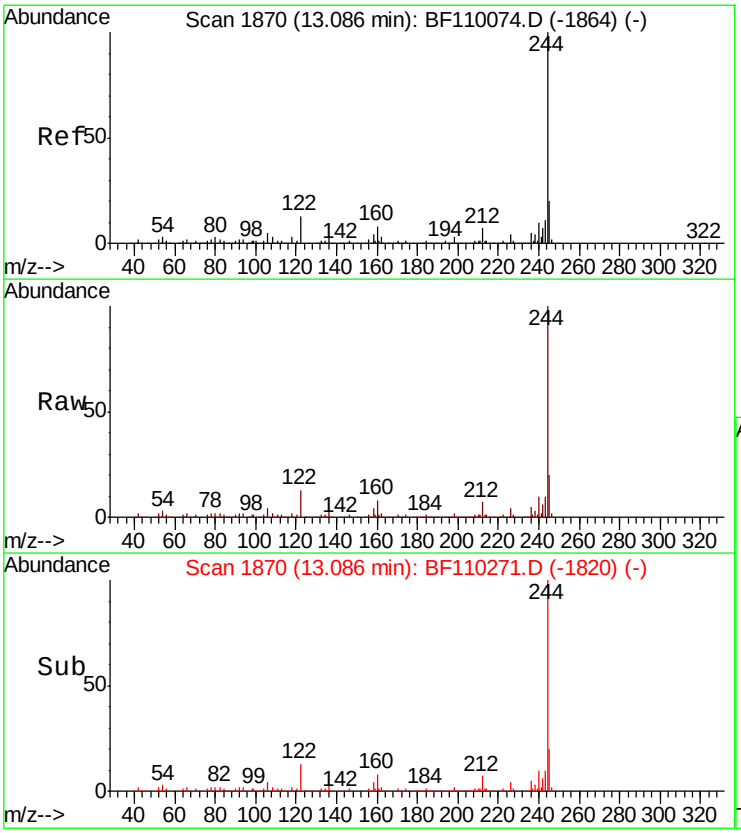
#78
Pyrene
Concen: 3.682 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 54257

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.8	26.6
203	16.5	14.2	21.4

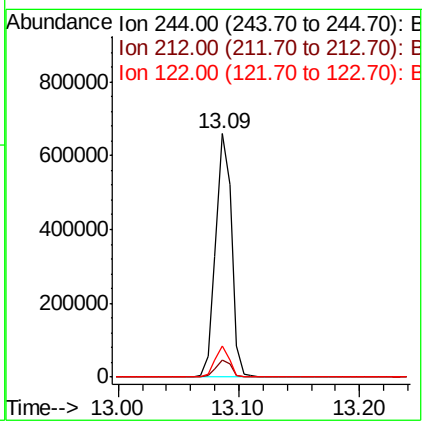


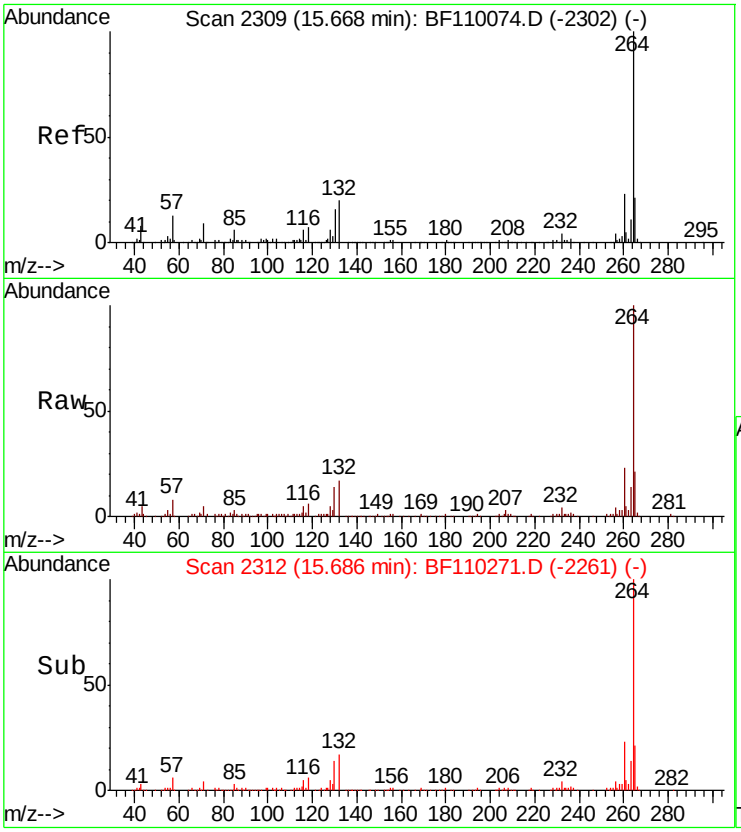


#79
Terphenyl-d14
Concen: 59.517 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Tgt Ion:244 Resp: 588181

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.9	8.7	13.1



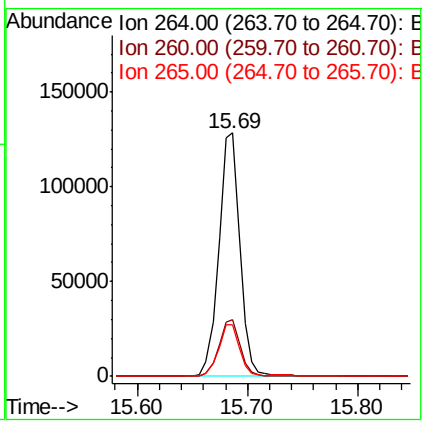


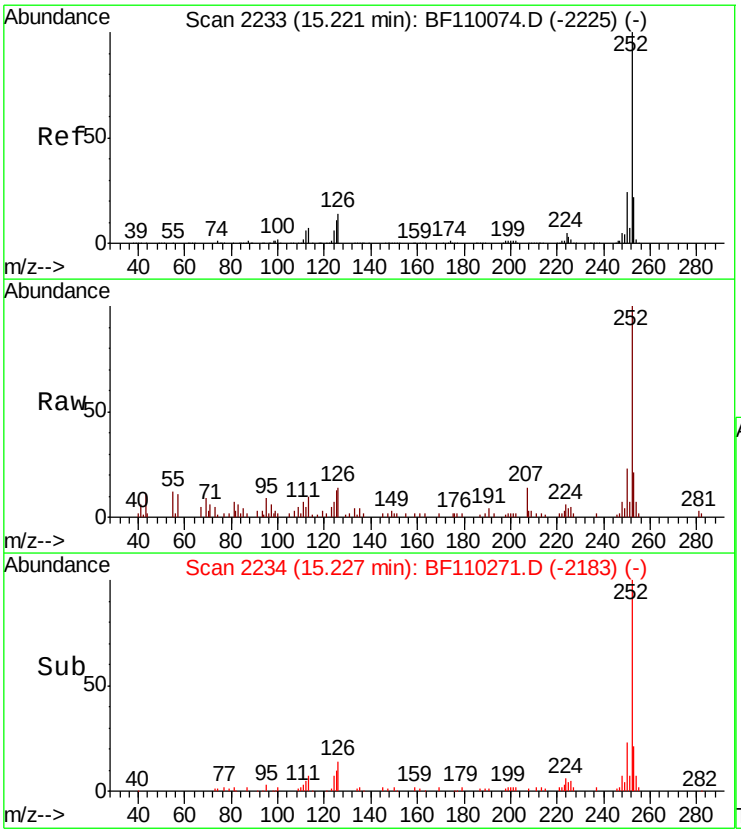
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 171782

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.0	16.7	25.1

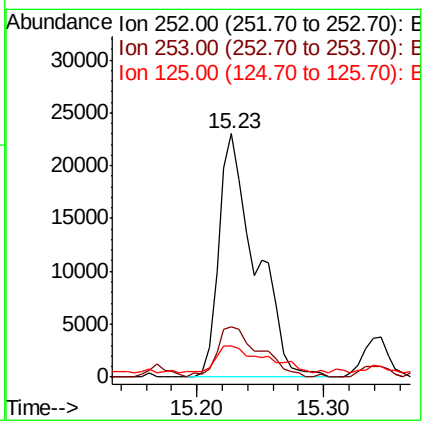


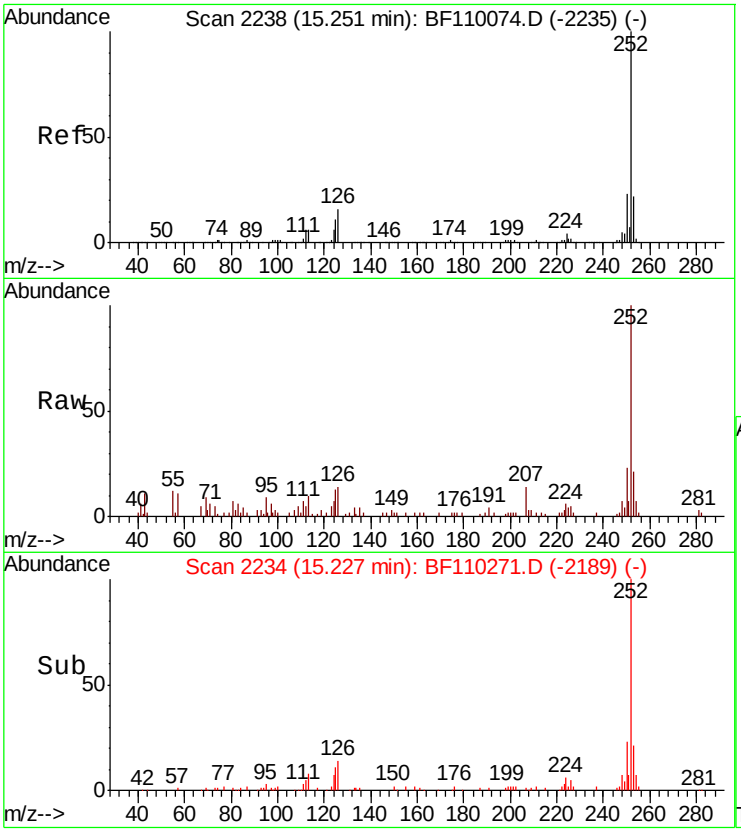


#88
Benzo(b)fluoranthene
Concen: 4.690 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Tgt Ion:252 Resp: 46525

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.2	25.8
125	12.9	8.2	12.4#



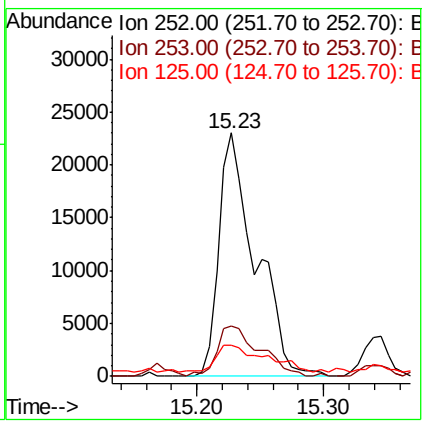


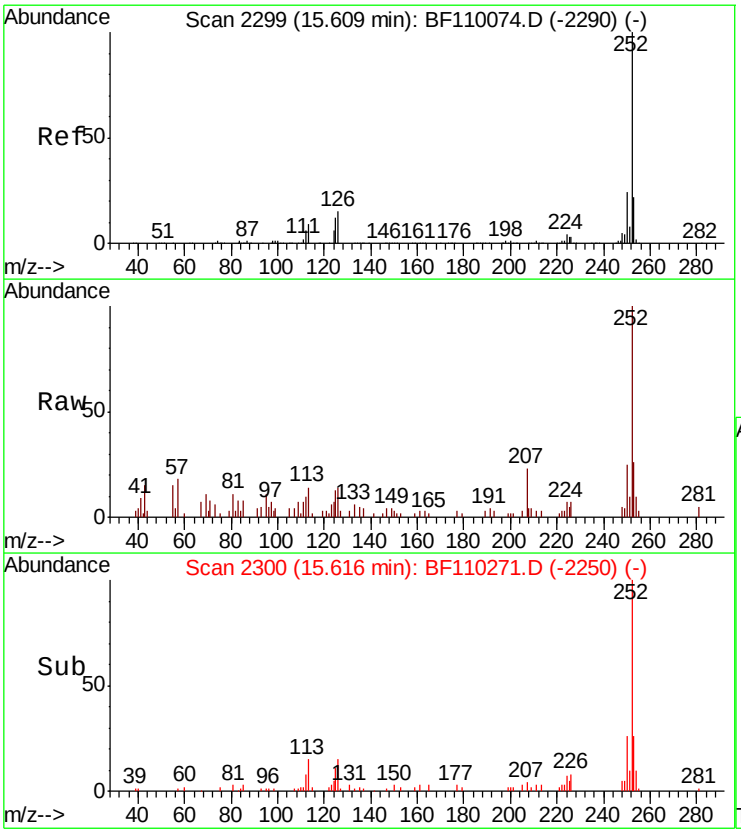
#89
Benzo(k)fluoranthene
Concen: 4.771 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.04 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 46525

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.2	25.8
125	12.9	7.4	11.0#





#90
Benzo(a)pyrene
Concen: 2.101 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Tgt Ion:252 Resp: 19174

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.2	27.4
125	13.2	9.0	13.6