Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110620.D
Acq On : 9 Nov 2018 11:52
Operator : JU/SJ
Sample : J5839-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 09 15:45:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	78011	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	307331	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	126430	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	184020	20.00	ng		0.00
76) Chrysene-d12	14.13	240	158219	20.00	ng		-0.01
87) Perylene-d12	15.66	264	122790	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	601217	125.18	ng		0.00
7) Phenol-d6	6.57	99	767347	124.94	ng		0.00
23) Nitrobenzene-d5	7.51	82	482122	90.34	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	110279	86.57	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	845036	95.46	ng		0.00
79) Terphenyl-d14	13.06	244	595438	70.48	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.58	77	1454	Below Cal		#	1
10) Phenol	6.59	94	50190	7.048	ng	#	63
19) n-Nitroso-di-n-propylamine	7.51	70	64412	16.430	ng	#	80
25) Isophorone	7.51	82	482118	55.120	ng	#	67
50) Dimethylphthalate	9.69	163	127863	13.554	ng		99
56) 4-Nitrophenol	10.19	139	3212	2.014	ng	#	6
57) 2,4-Dinitrotoluene	9.99	165	15467	5.732	ng	#	17
67) 4-Bromophenyl-phenylether	10.78	248	7028	3.456	ng	#	1
71) Phenanthrene	11.50	178	49416	5.012	ng		98
75) Fluoranthene	12.70	202	44891	4.542	ng		99
78) Pyrene	12.93	202	36583	3.003	ng		97
88) Benzo(b)fluoranthene	15.20	252	20804	2.832	ng	#	91
89) Benzo(k)fluoranthene	15.20	252	20804	2.866	ng	#	91

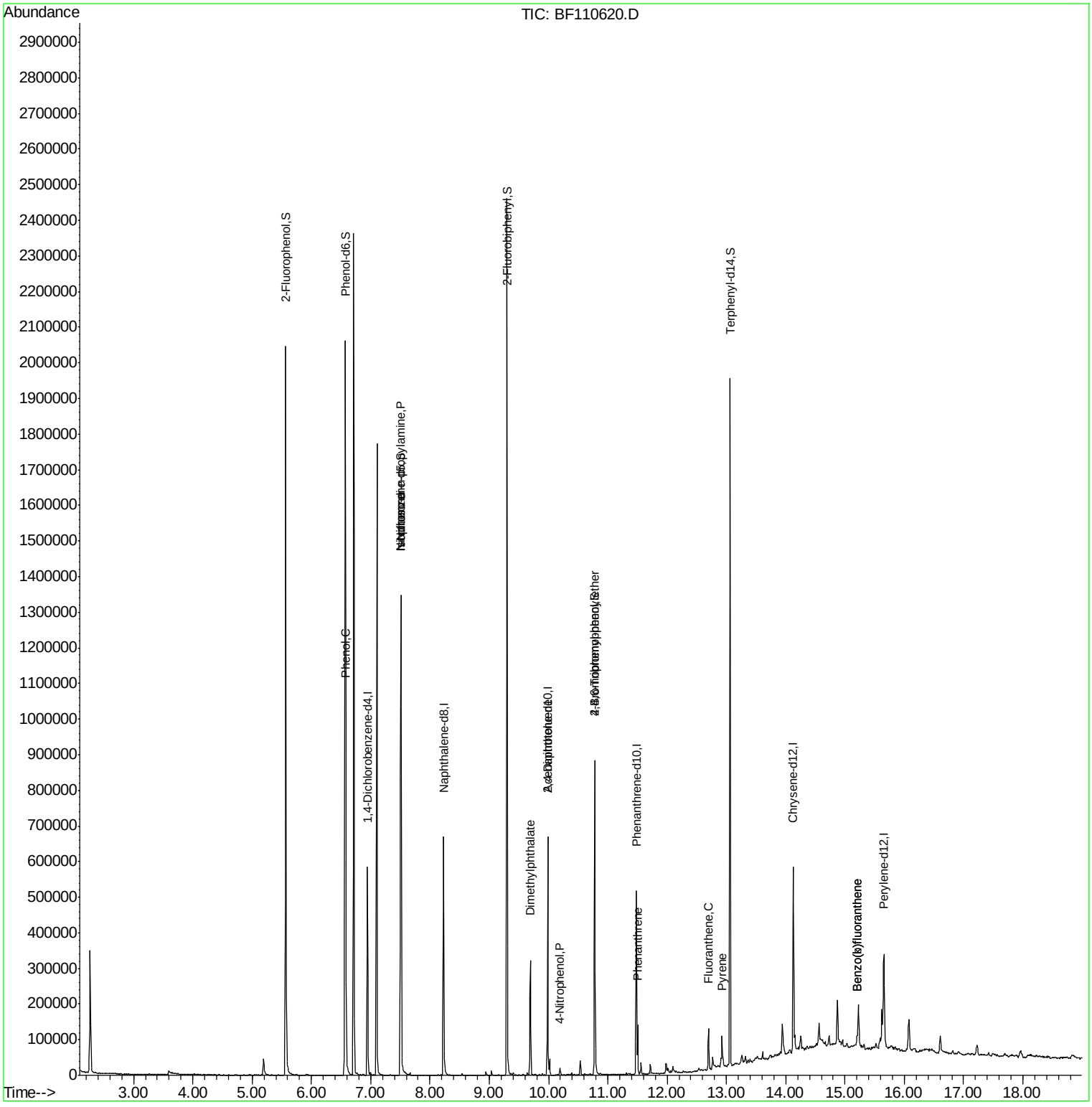
(#) = qualifier out of range (m) = manual integration (+) = signals summed

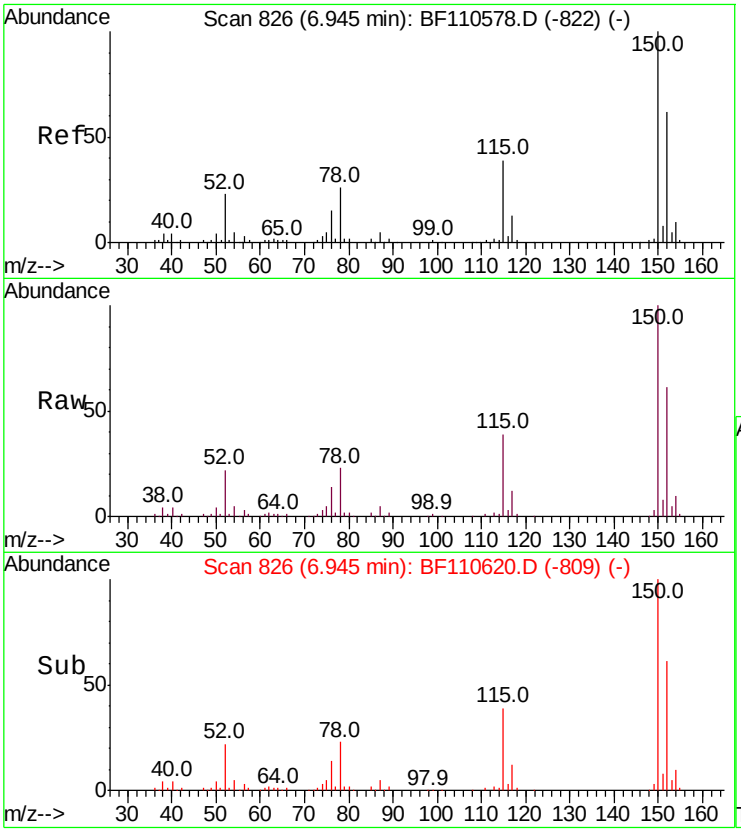
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110620.D
Acq On : 9 Nov 2018 11:52
Operator : JU/SJ
Sample : J5839-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 09 15:45:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration



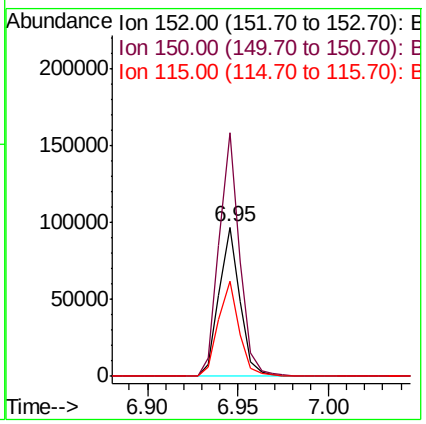


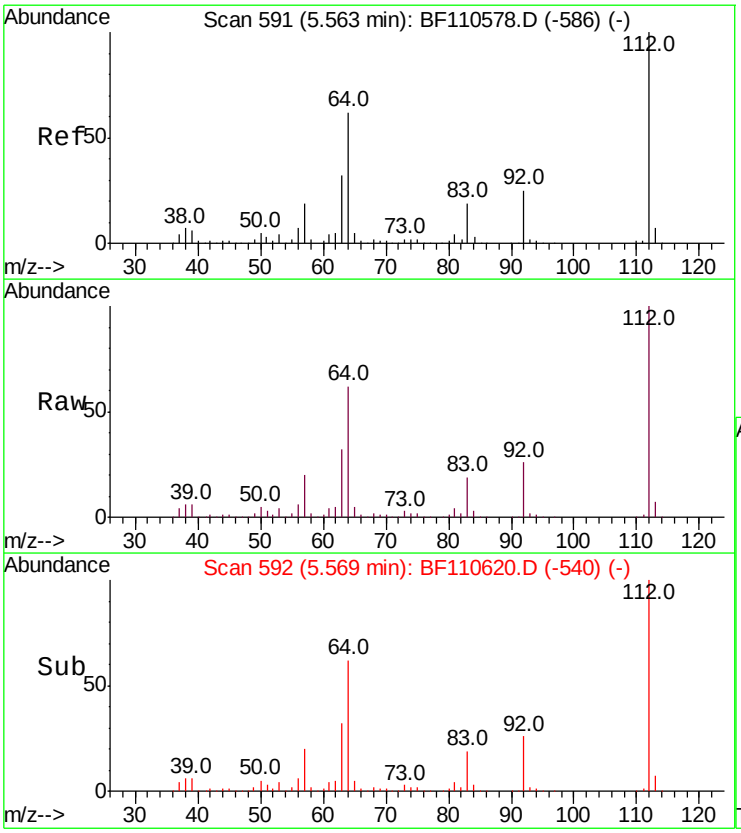
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 78011

Ion	Ratio	Lower	Upper
152	100		
150	163.3	122.7	184.1
115	63.8	49.1	73.7

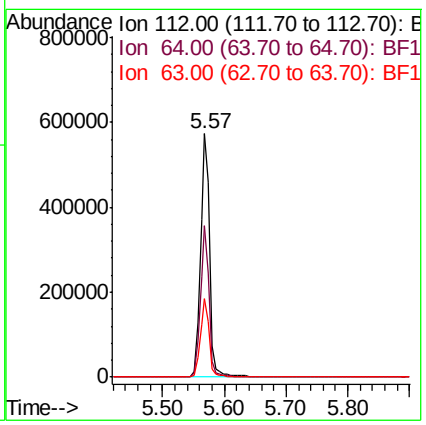


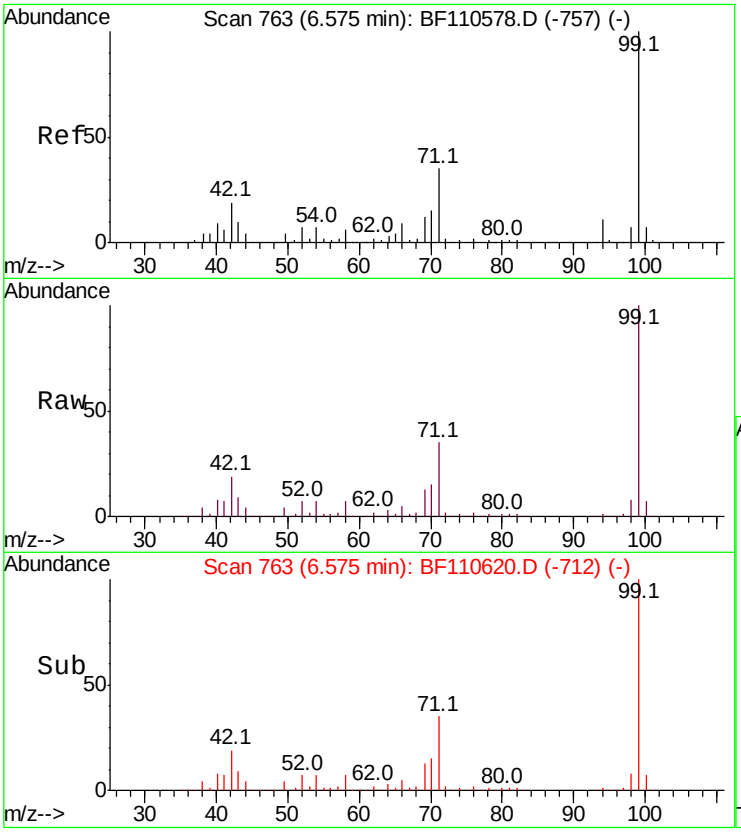


#5
2-Fluorophenol
Concen: 125.183 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Tgt Ion:112 Resp: 601217

Ion	Ratio	Lower	Upper
112	100		
64	62.1	44.1	66.1
63	32.5	23.7	35.5



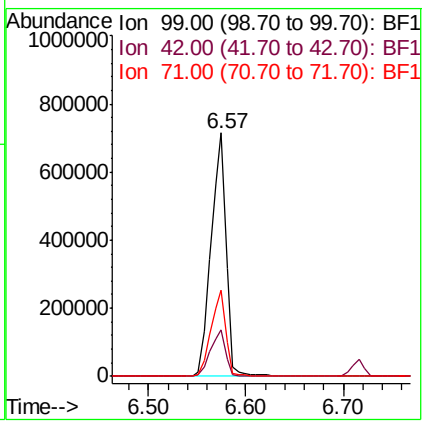


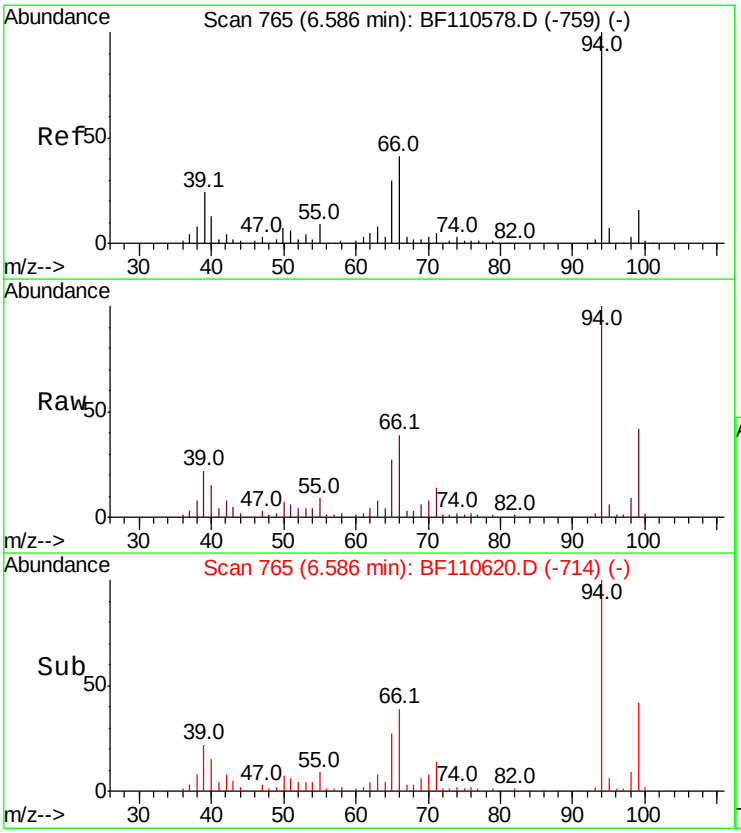
#7
Phenol-d6
Concen: 124.945 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 767347

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.8	23.6
71	35.2	28.0	42.0

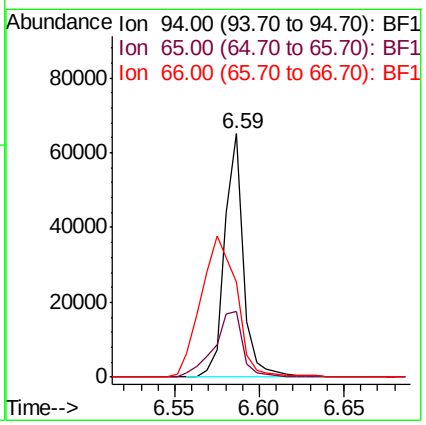


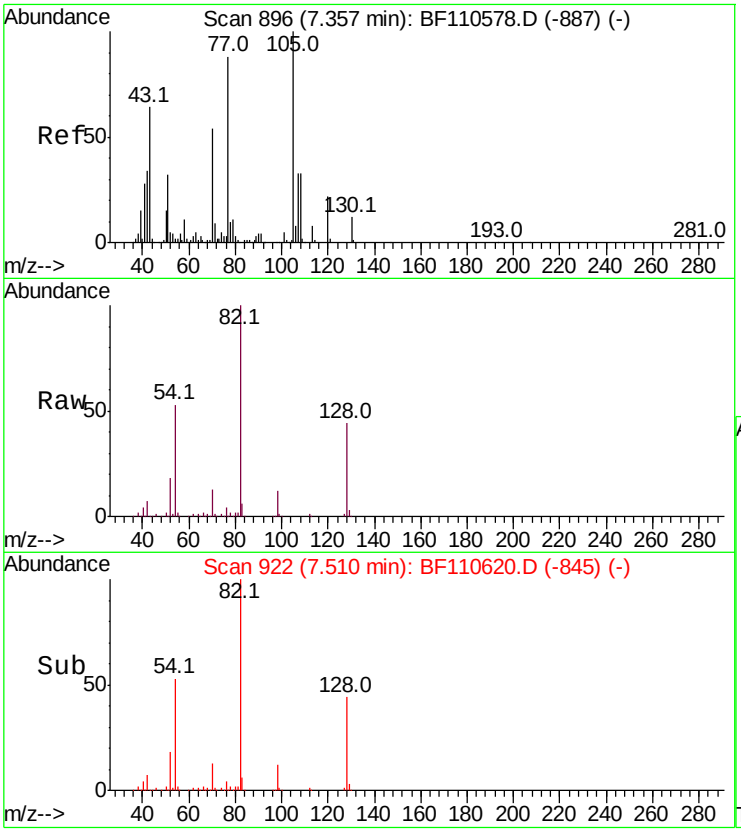


#10
Phenol
Concen: 7.048 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Tgt Ion: 94 Resp: 50190

Ion	Ratio	Lower	Upper
94	100		
65	27.0	25.3	65.3
66	38.9	54.5	94.5#



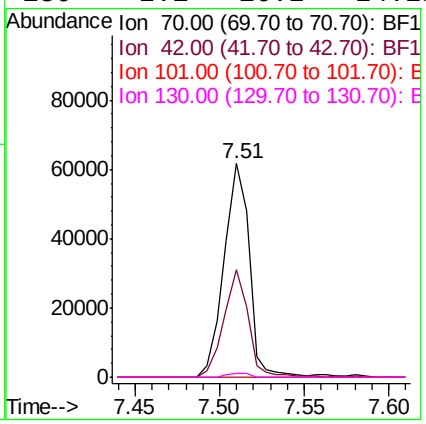


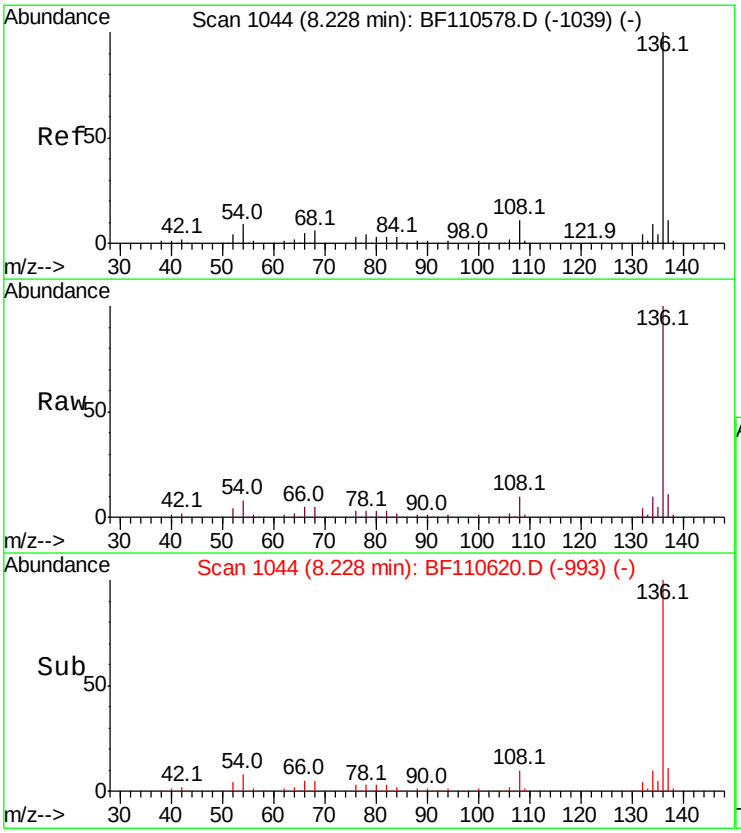
#19
n-Nitroso-di-n-propylamine
Concen: 16.430 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 64412

Ion	Ratio	Lower	Upper
70	100		
42	50.2	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#

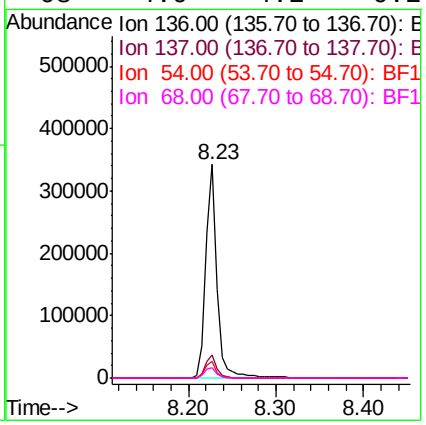


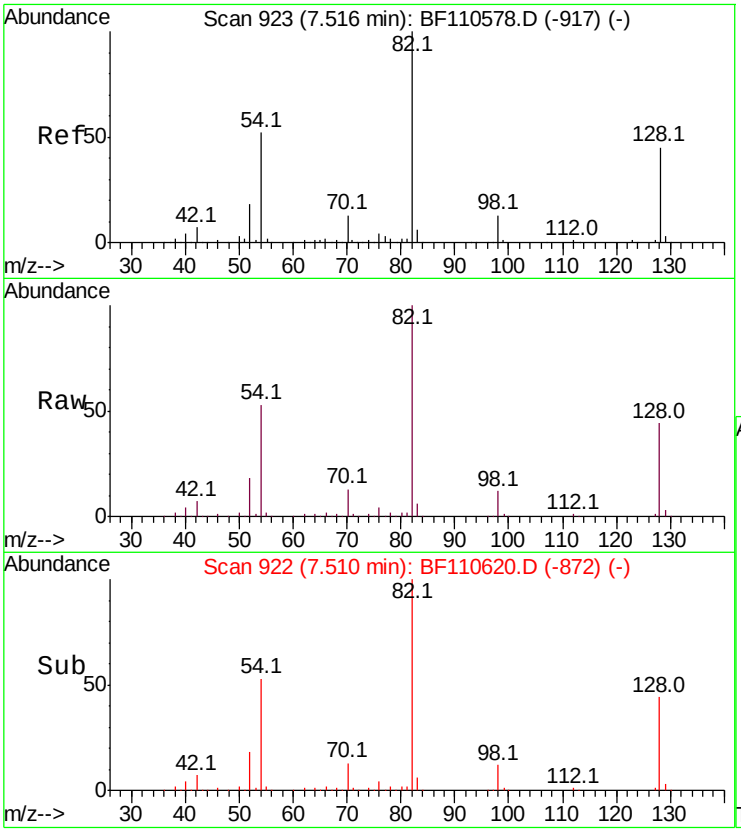


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Tgt Ion:136 Resp: 307331

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.6	5.4	8.2
68	4.9	4.2	6.2



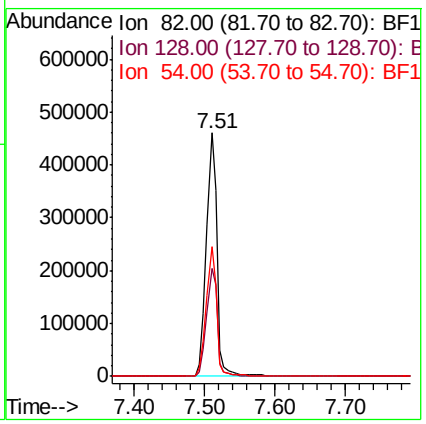


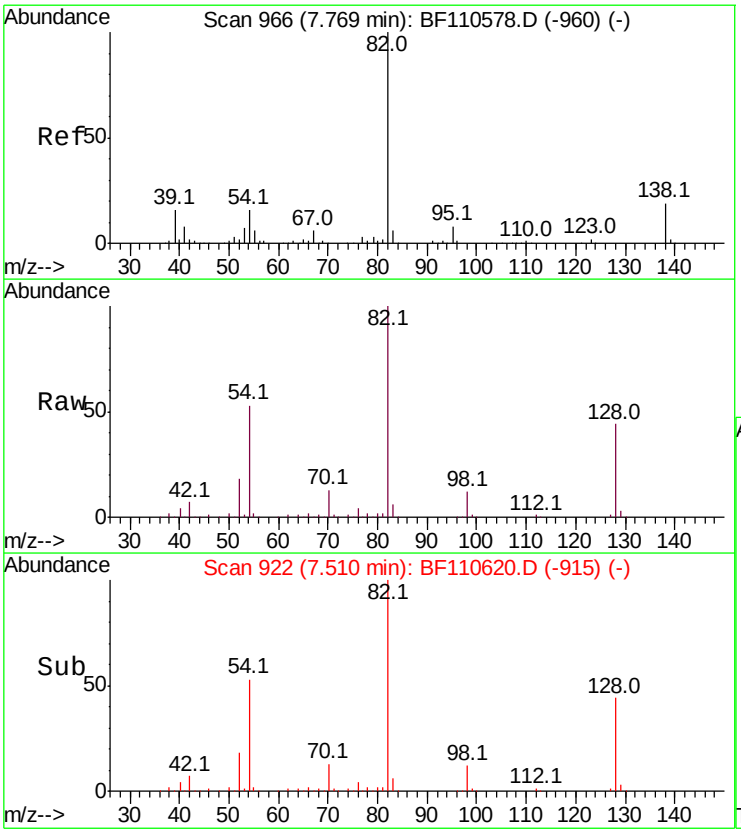
#23
Nitrobenzene-d5
Concen: 90.343 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 482122

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.2	51.2
54	53.3	38.6	58.0

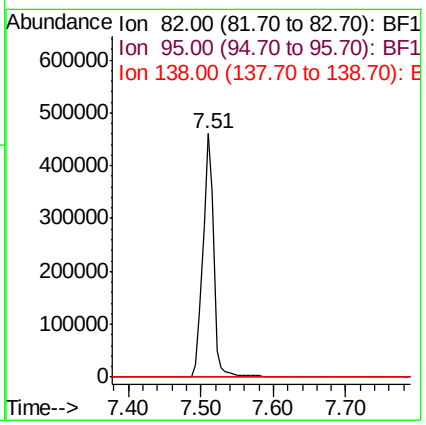


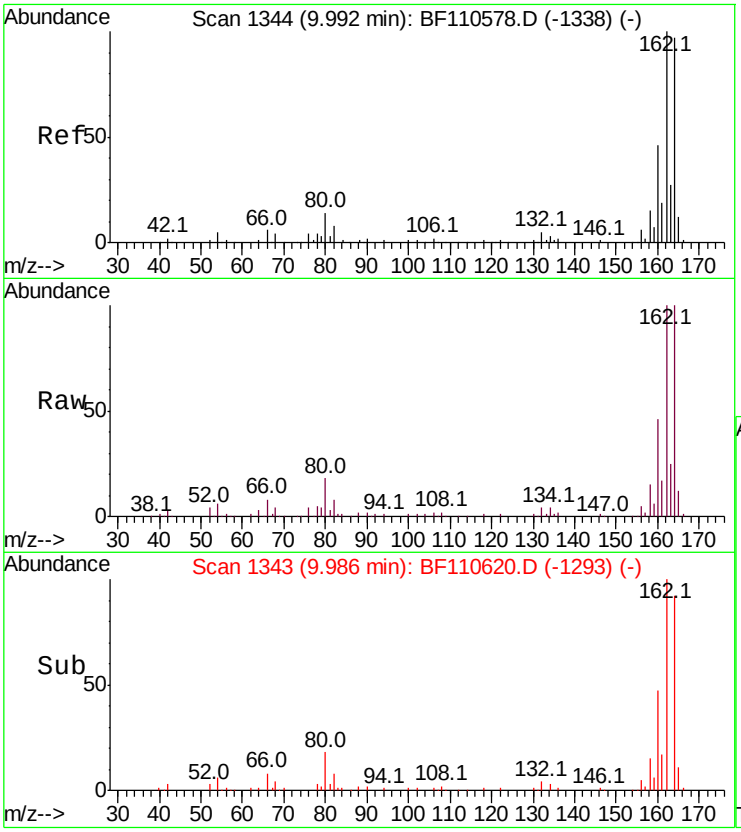


#25
Isophorone
Concen: 55.120 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Tgt Ion: 82 Resp: 482118

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



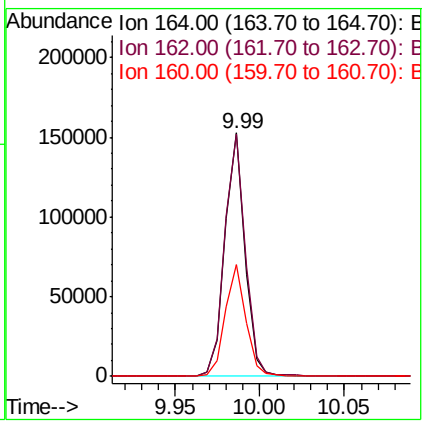


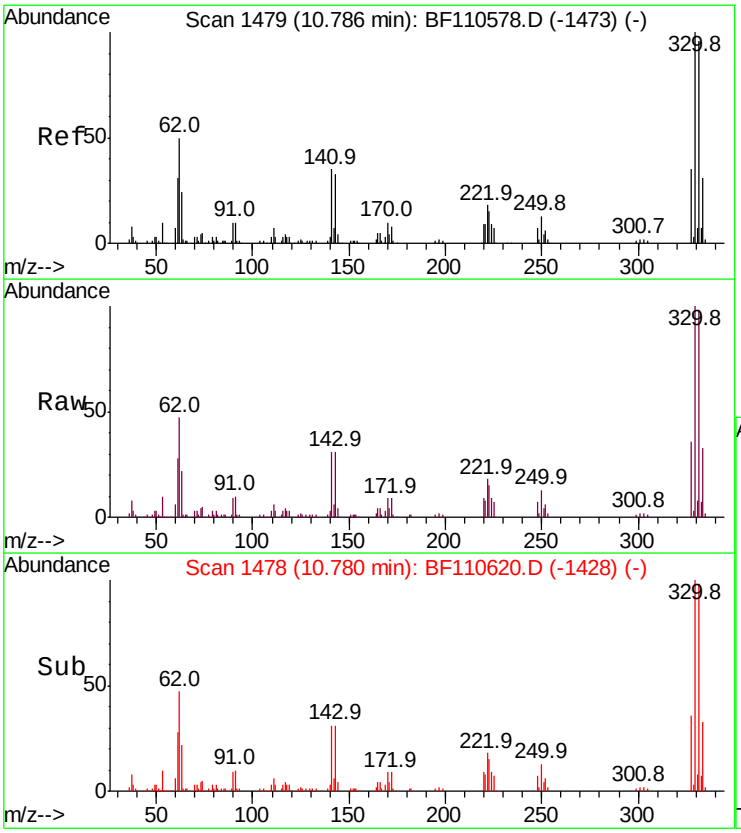
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 126430

Ion	Ratio	Lower	Upper
164	100		
162	99.5	83.0	124.6
160	46.0	37.0	55.6

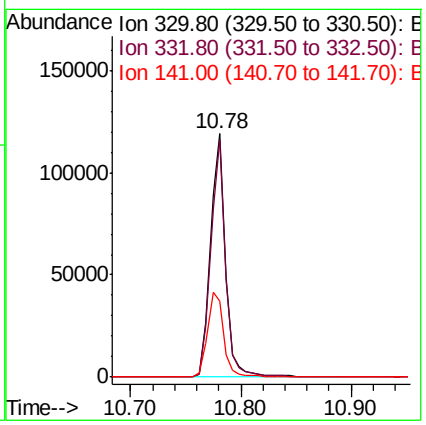


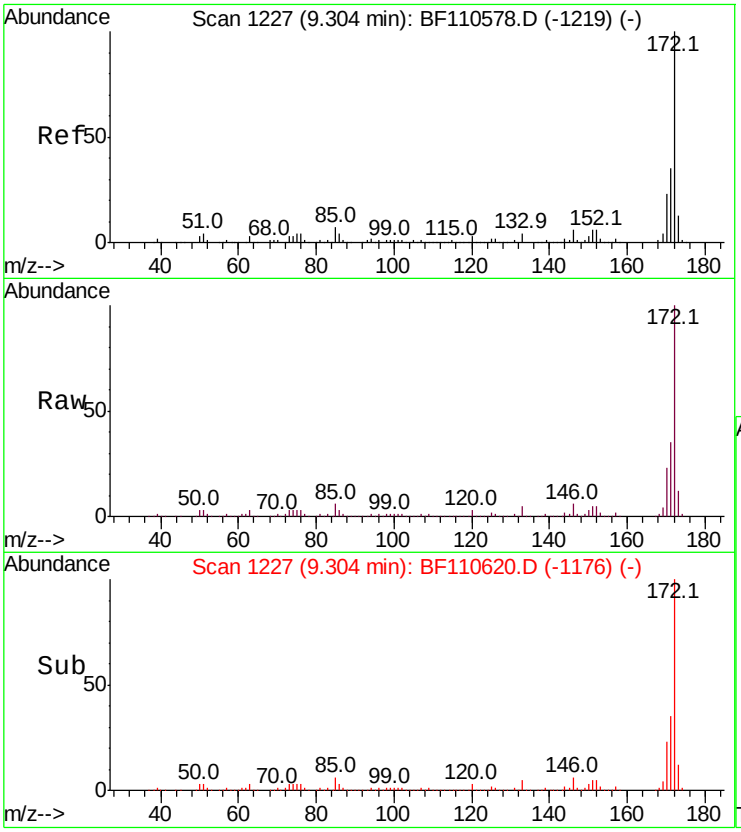


#42
2,4,6-Tribromophenol
Concen: 86.565 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Tgt Ion:330 Resp: 110279

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	37.2	27.0	40.4



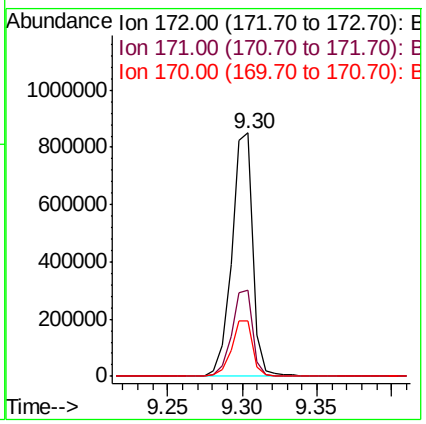


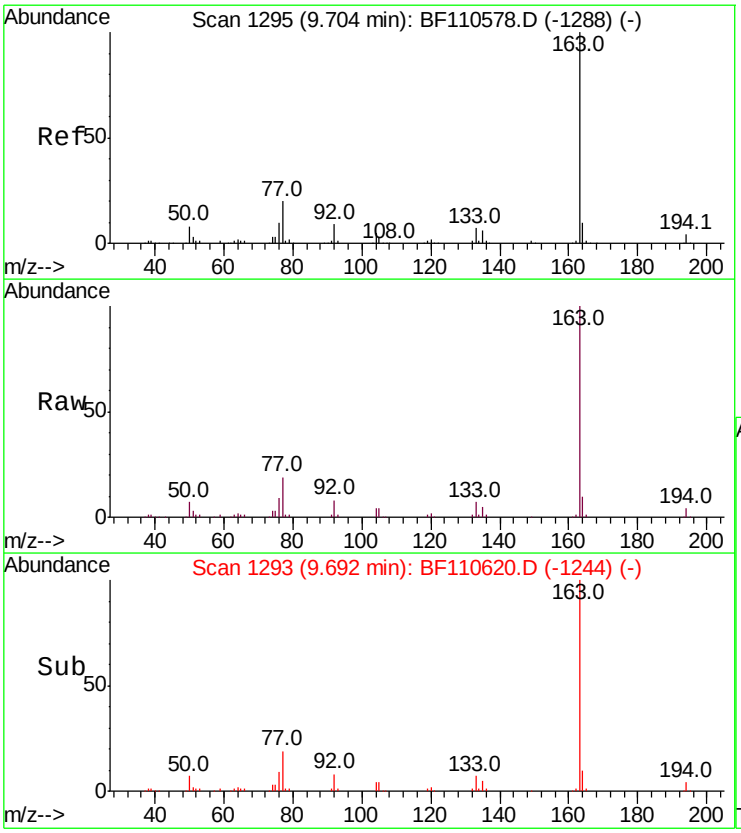
#45
2-Fluorobiphenyl
Concen: 95.457 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 845036

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.0	19.7	29.5

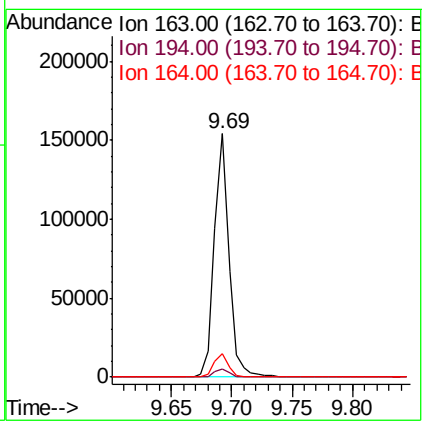


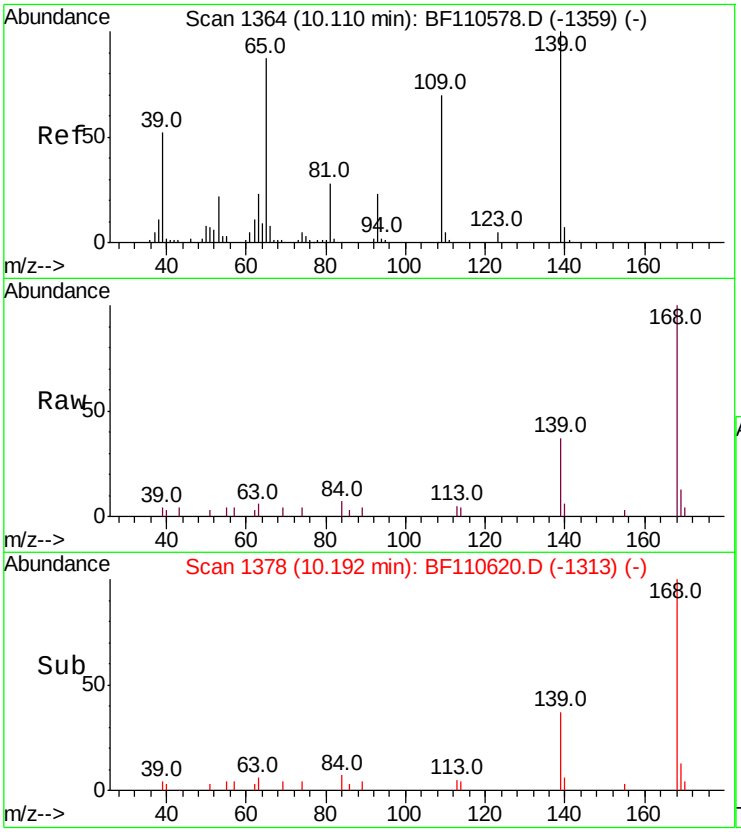


#50
Dimethylphthalate
Concen: 13.554 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Tgt Ion:163 Resp: 127863

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	9.7	8.1	12.1



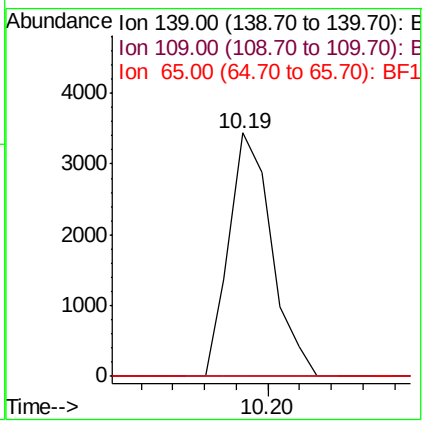


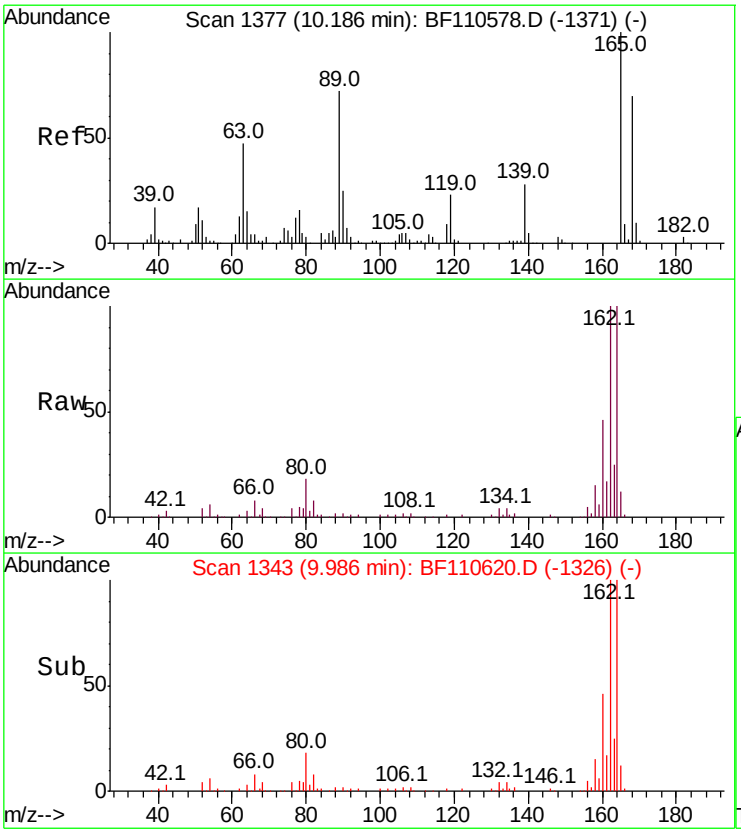
#56
4-Nitrophenol
Concen: 2.014 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.08 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 3212

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

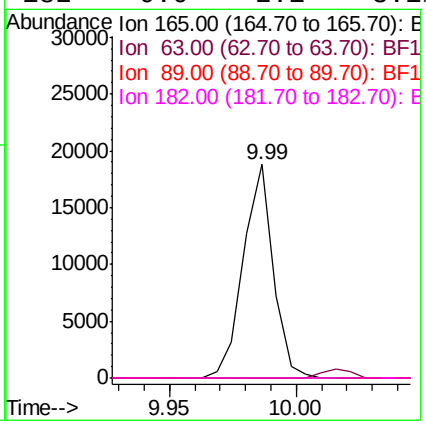


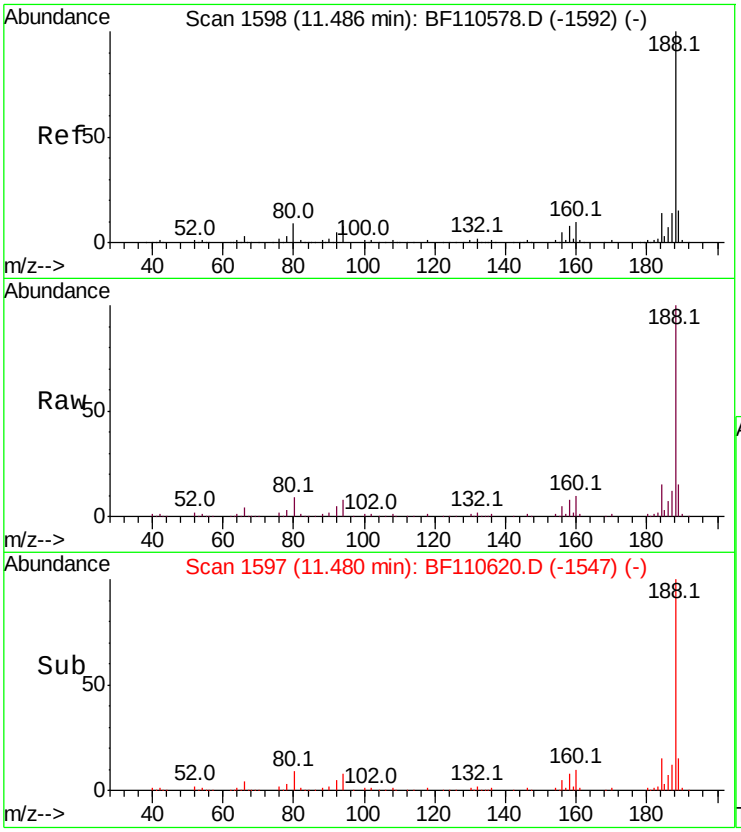


#57
2,4-Dinitrotoluene
Concen: 5.732 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Tgt Ion:165 Resp: 15467

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#



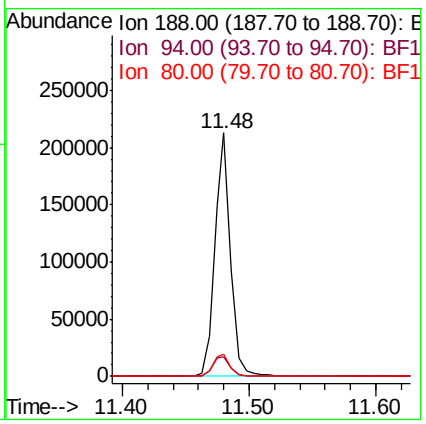


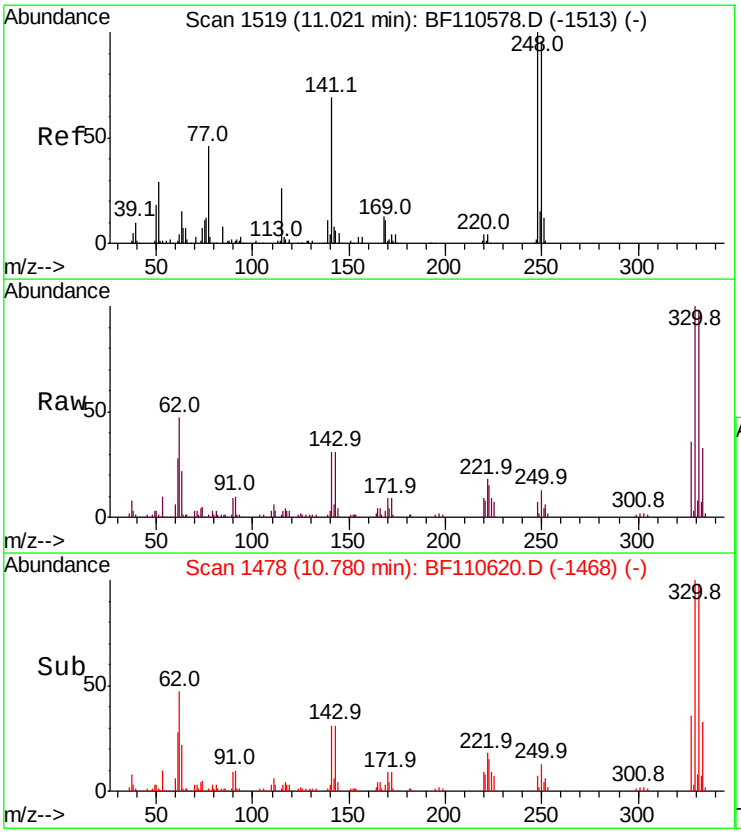
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 184020

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	9.1	7.9	11.9

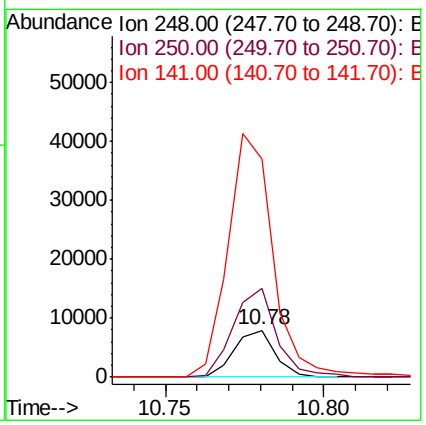


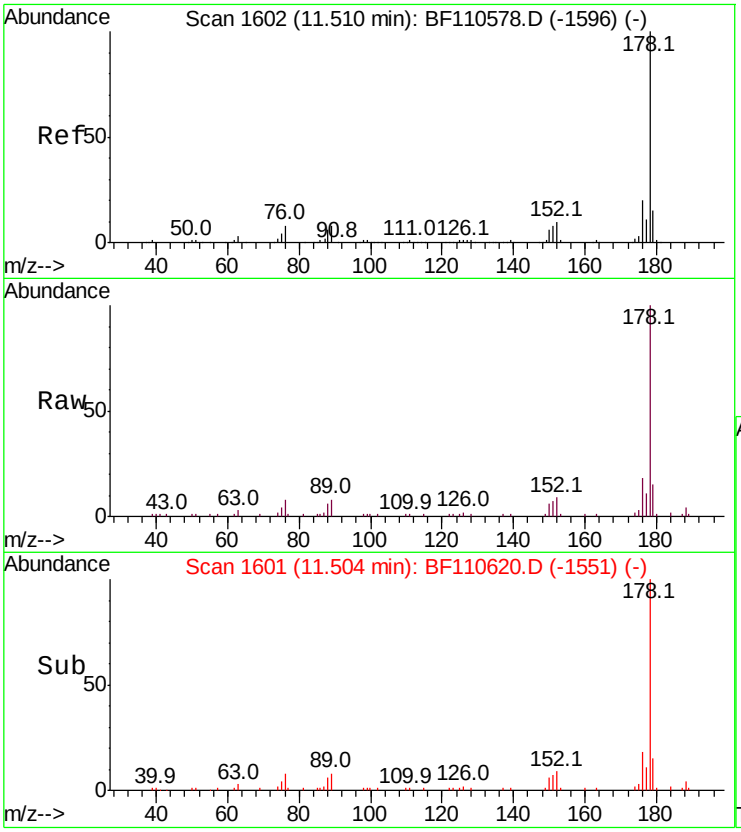


#67
4-Bromophenyl-phenylether
Concen: 3.456 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Tgt Ion:248 Resp: 7028

Ion	Ratio	Lower	Upper
248	100		
250	189.4	79.4	119.2#
141	469.8	55.9	83.9#



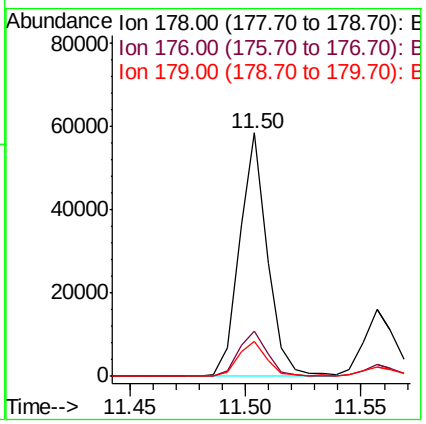


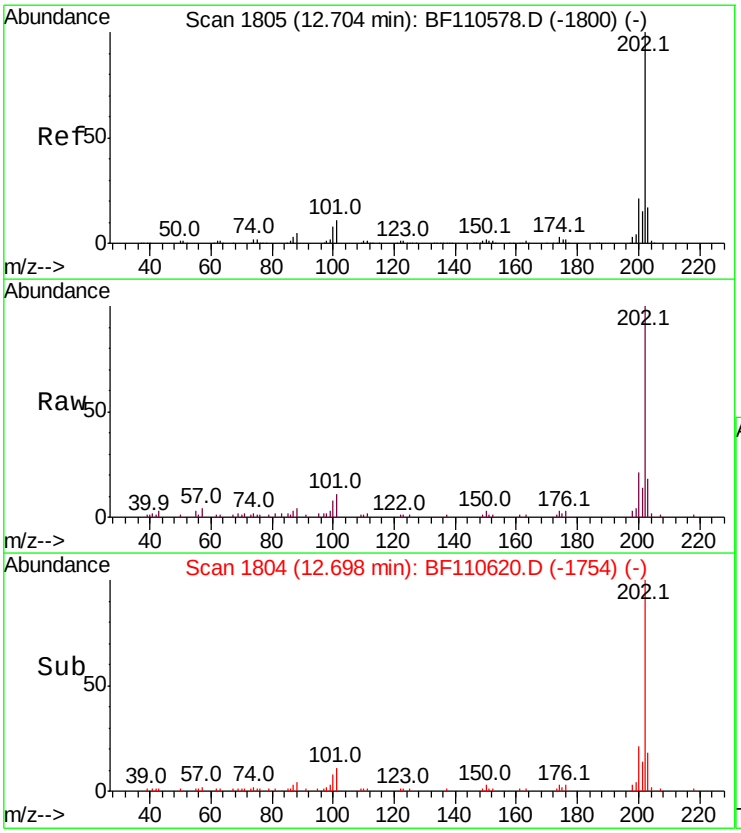
#71
Phenanthrene
Concen: 5.012 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 49416

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.5	23.3
179	14.6	12.5	18.7

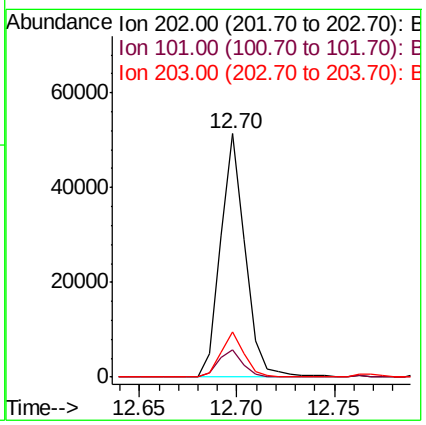


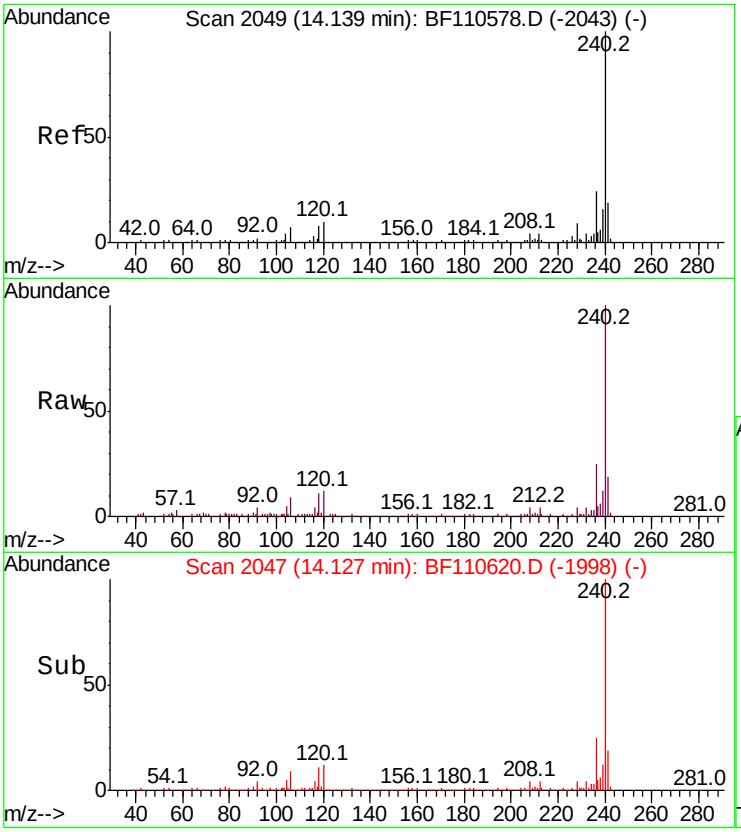


#75
Fluoranthene
Concen: 4.542 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Tgt Ion:202 Resp: 44891

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.4
203	18.4	0.0	37.7



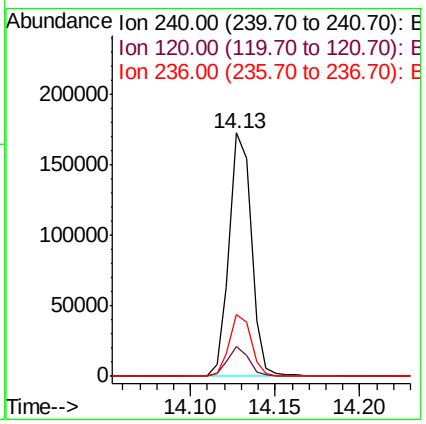


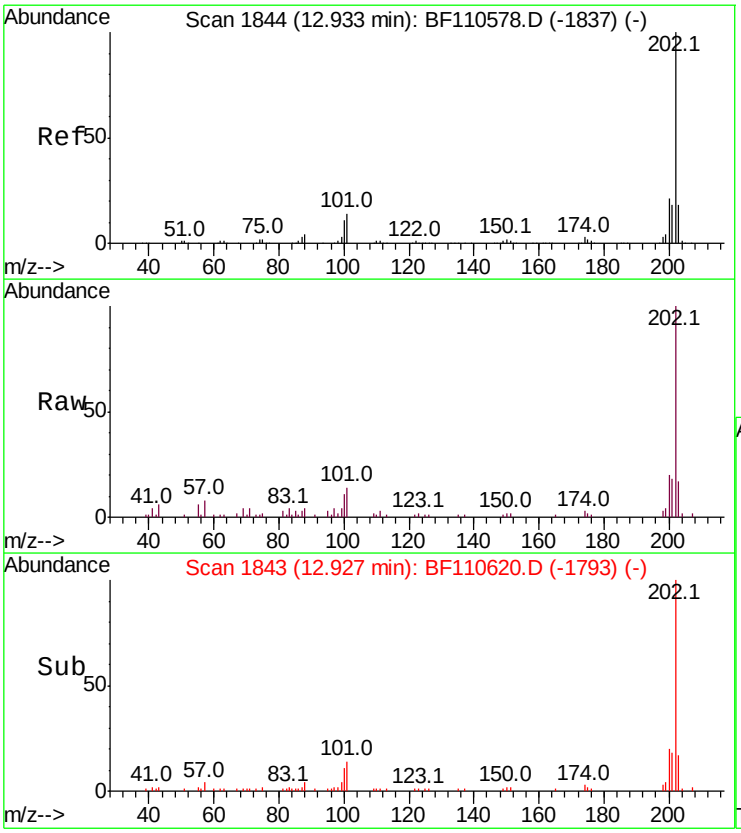
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 158219

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.3	12.5
236	25.4	21.2	31.8

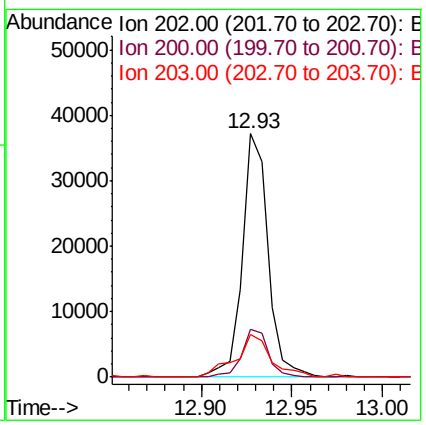


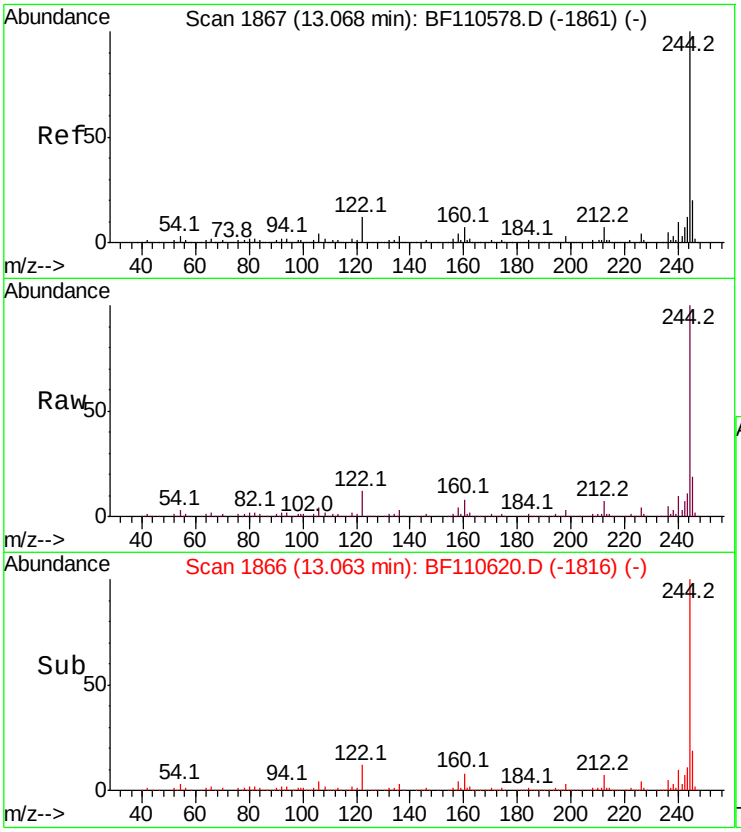


#78
Pyrene
Concen: 3.003 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Tgt Ion:202 Resp: 36583

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.8	26.6
203	17.5	14.2	21.4



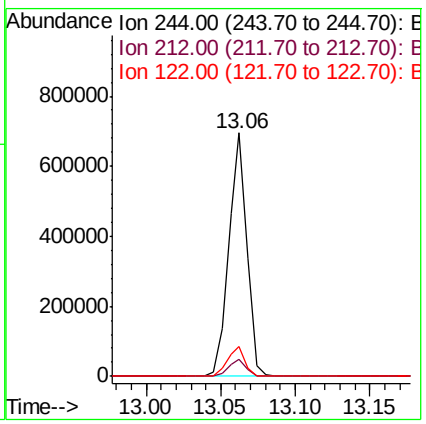


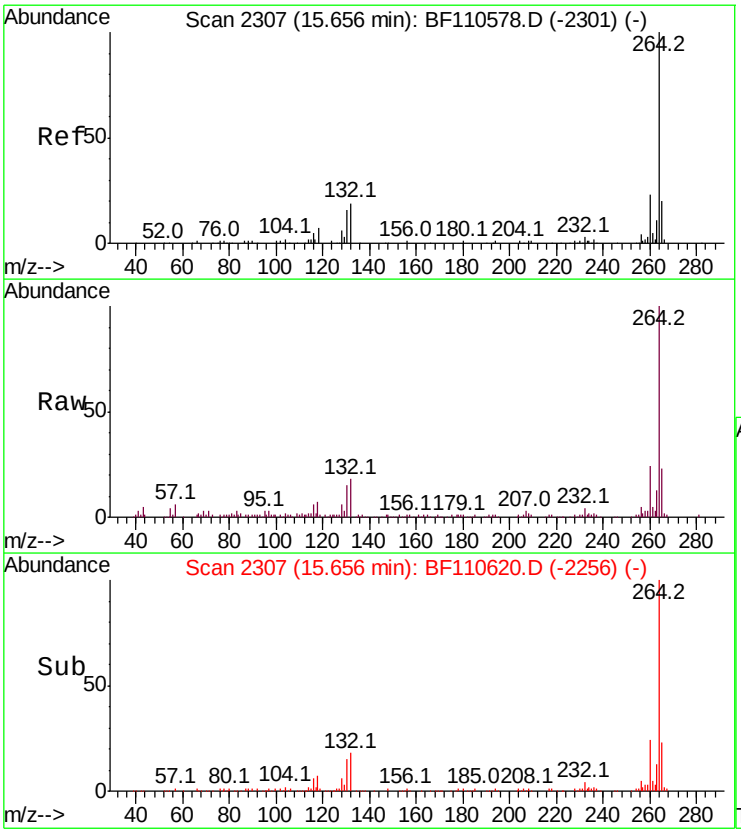
#79
Terphenyl-d14
Concen: 70.479 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 595438

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

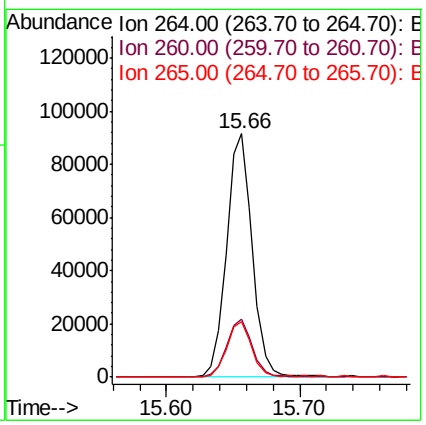


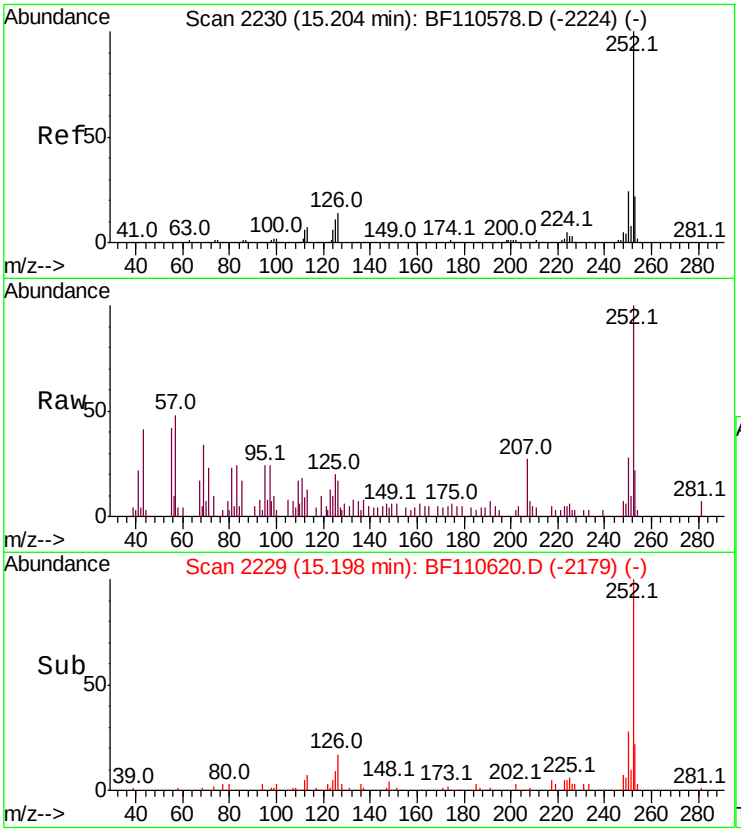


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Tgt Ion:264 Resp: 122790

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.6	16.7	25.1



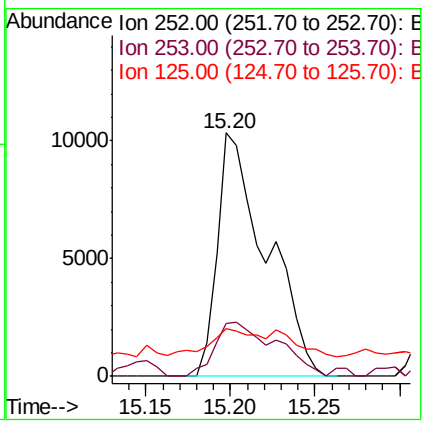


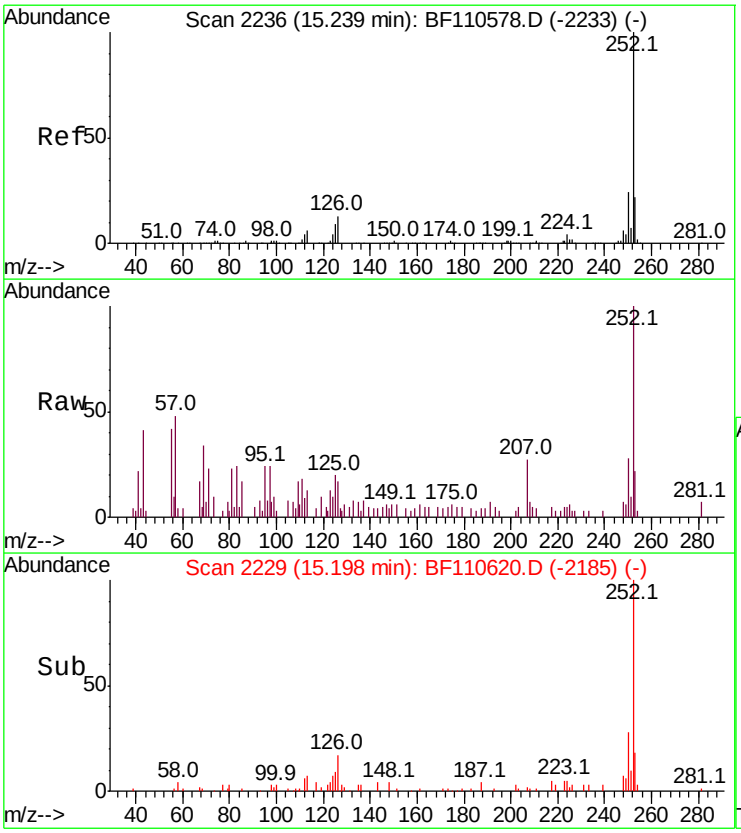
#88
Benzo(b)fluoranthene
Concen: 2.832 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 20804

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	19.6	8.2	12.4#





#89
Benzo(k)fluoranthene
Concen: 2.866 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.04 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Tgt Ion:252 Resp: 20804

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	19.6	7.4	11.0#