Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
Data File : BF110601.D
Acq On : 8 Nov 2018 22:41
Operator : JU/SJ
Sample : J5838-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 09 08:43:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 08 14:14:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	87791	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	356892	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	170443	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	334411	20.00	ng		-0.01
76) Chrysene-d12	14.13	240	223743	20.00	ng		-0.01
87) Perylene-d12	15.65	264	175290	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	570459	105.55	ng		0.00
7) Phenol-d6	6.57	99	743895	107.63	ng		0.00
23) Nitrobenzene-d5	7.51	82	464919	75.02	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	183060	106.59	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	836920	70.13	ng		0.00
79) Terphenyl-d14	13.06	244	851770	71.29	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	1389	Below Cal		#	1
10) Phenol	6.58	94	37367	4.66	ng	#	67
19) n-Nitroso-di-n-propylamine	7.51	70	61862	14.02	ng	#	79
25) Isophorone	7.51	82	464914	45.77	ng	#	67
50) Dimethylphthalate	9.69	163	69907	5.50	ng		99
57) 2,4-Dinitrotoluene	9.98	165	21260	5.84	ng	#	18
67) 4-Bromophenyl-phenylether	10.77	248	11431	3.09	ng	#	1
75) Fluoranthene	12.70	202	41549	2.31	ng		96
88) Benzo(b)fluoranthene	15.20	252	27107	2.58	ng	#	94
89) Benzo(k)fluoranthene	15.20	252	27107	2.62	ng	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
Data File : BF110601.D
Acq On : 8 Nov 2018 22:41
Operator : JU/SJ
Sample : J5838-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 09 08:43:18 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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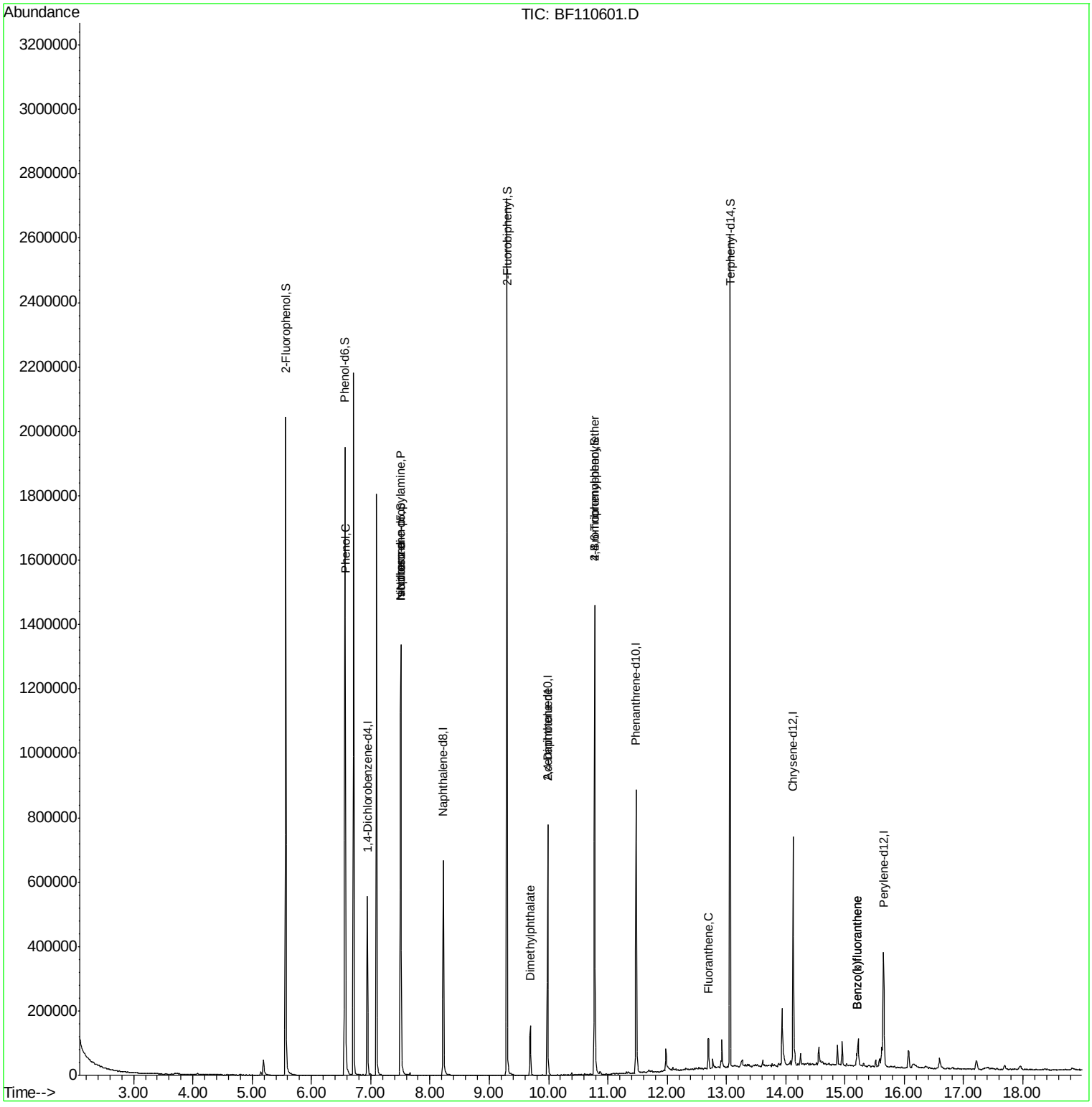
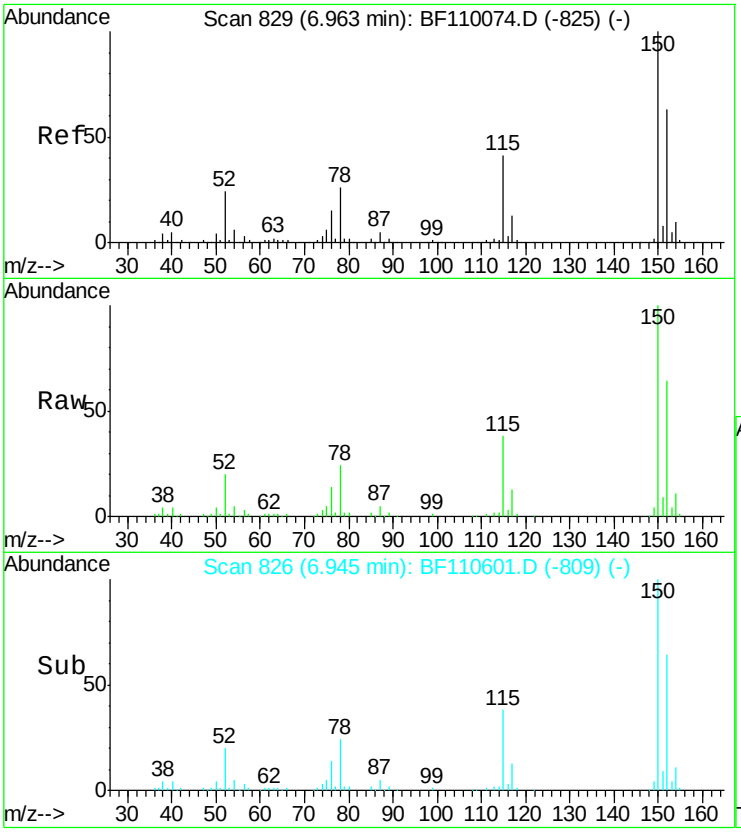


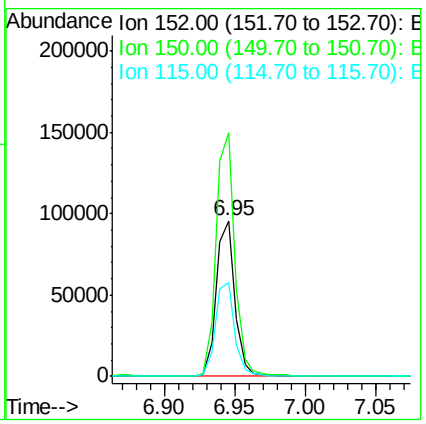


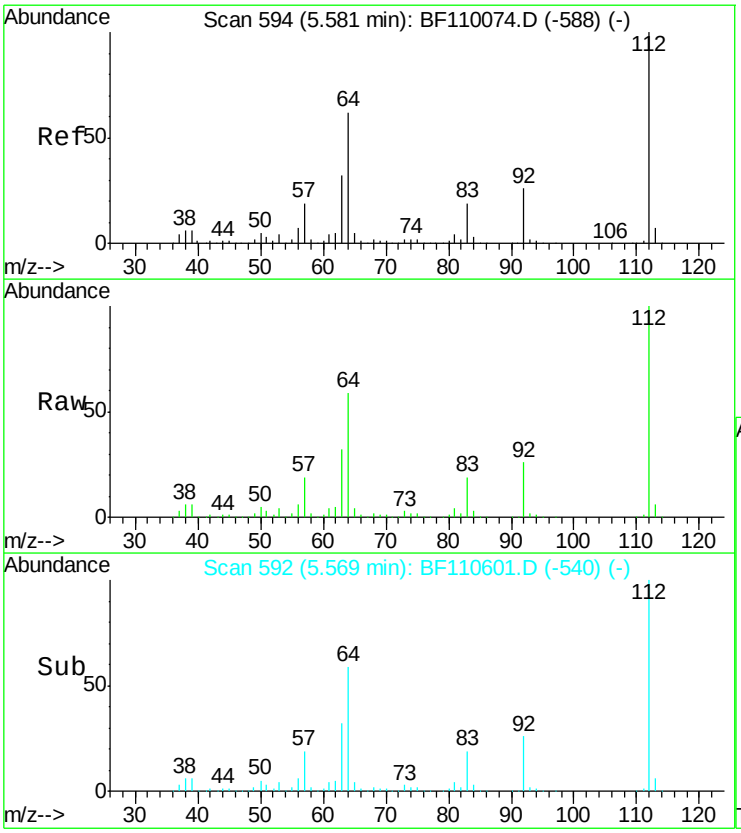
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 87791

Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.7	184.1
115	60.1	49.1	73.7

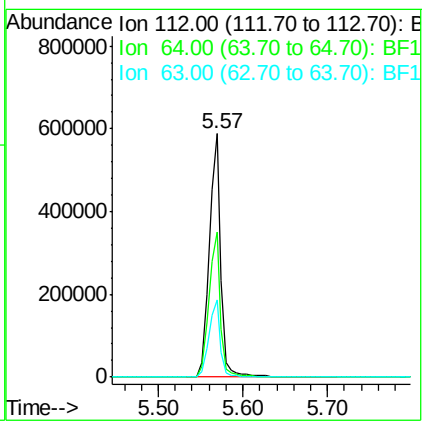


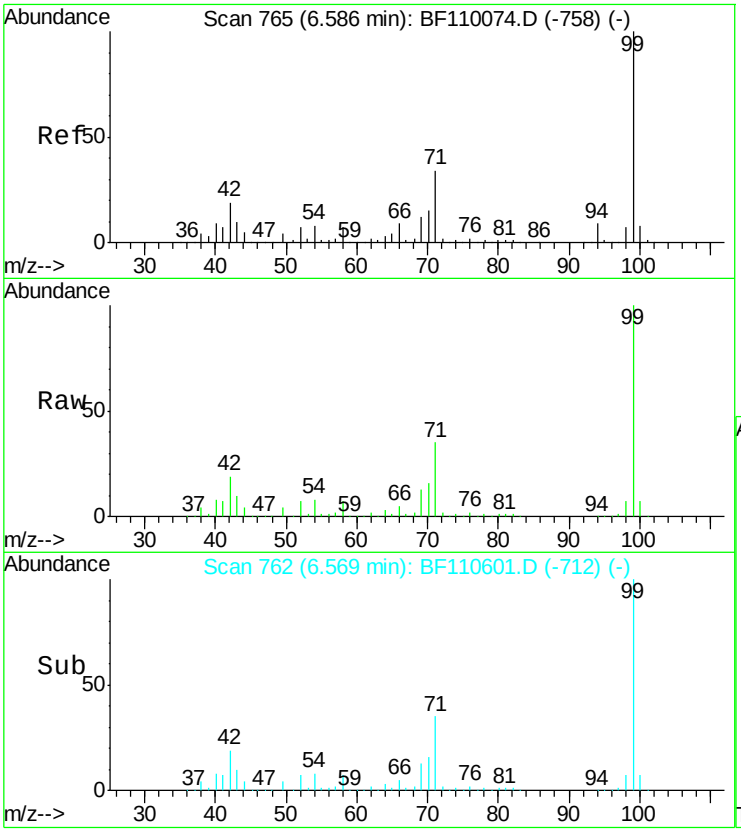


#5
2-Fluorophenol
Concen: 105.55 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Tgt Ion:112 Resp: 570459

Ion	Ratio	Lower	Upper
112	100		
64	59.3	44.1	66.1
63	31.7	23.7	35.5



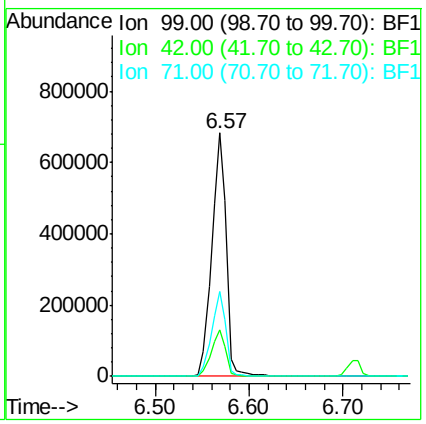


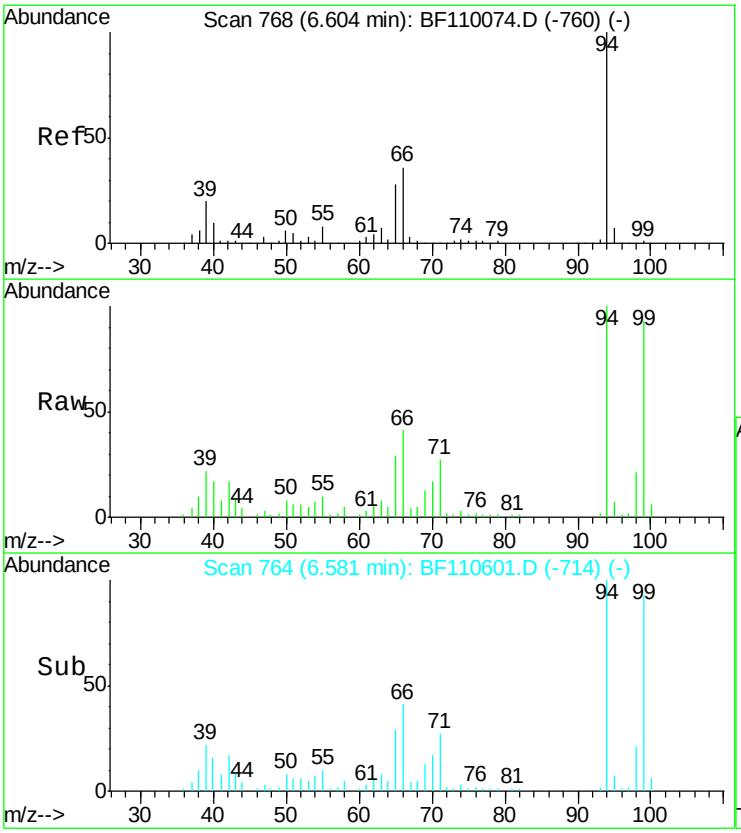
#7
Phenol-d6
Concen: 107.63 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 743895

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.8	23.6
71	34.7	28.0	42.0

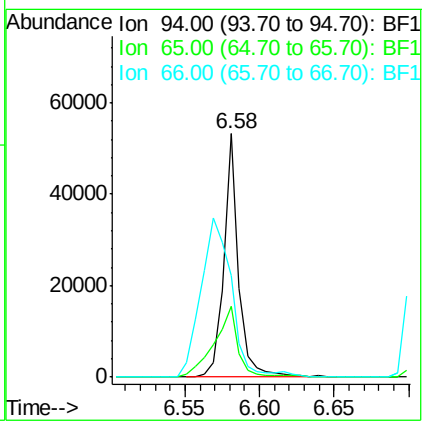


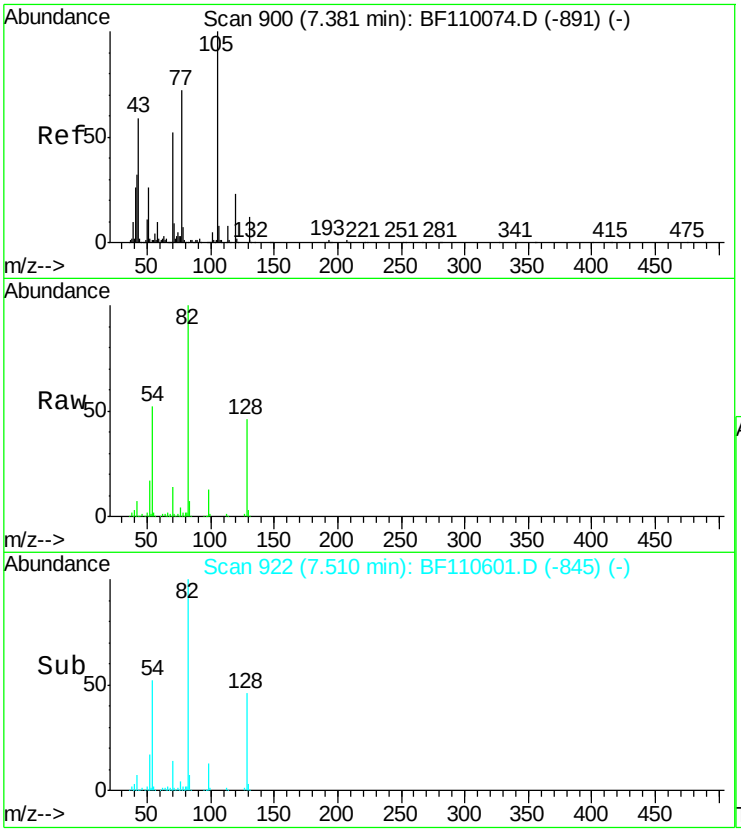


#10
Phenol
Concen: 4.66 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Tgt Ion: 94 Resp: 37367

Ion	Ratio	Lower	Upper
94	100		
65	29.3	25.3	65.3
66	41.5	54.5	94.5#



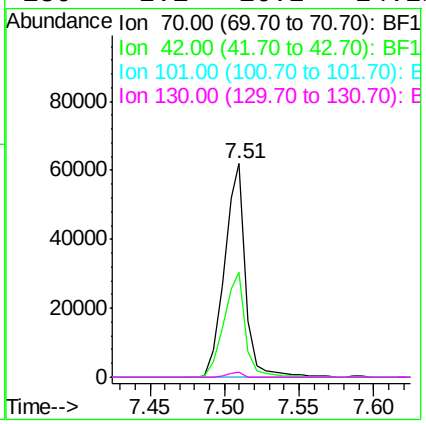


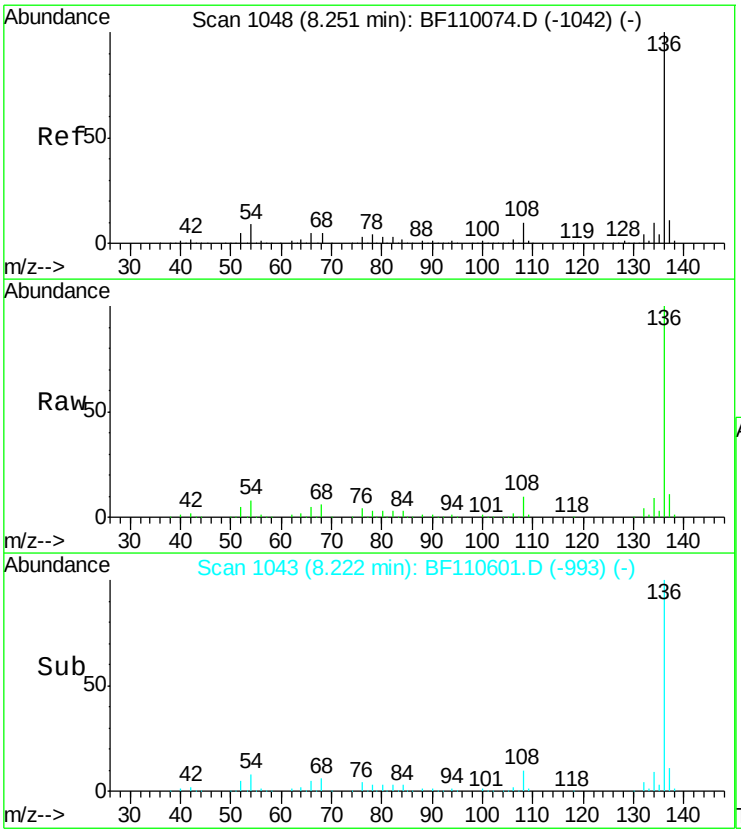
#19
n-Nitroso-di-n-propylamine
Concen: 14.02 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 61862

Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#

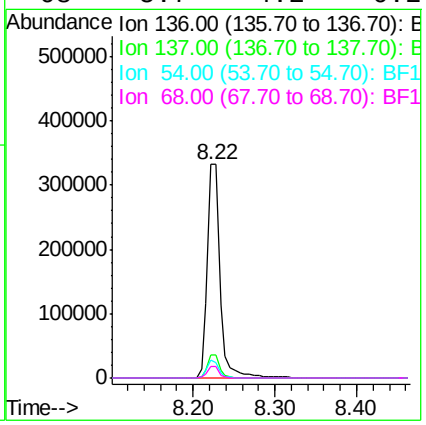


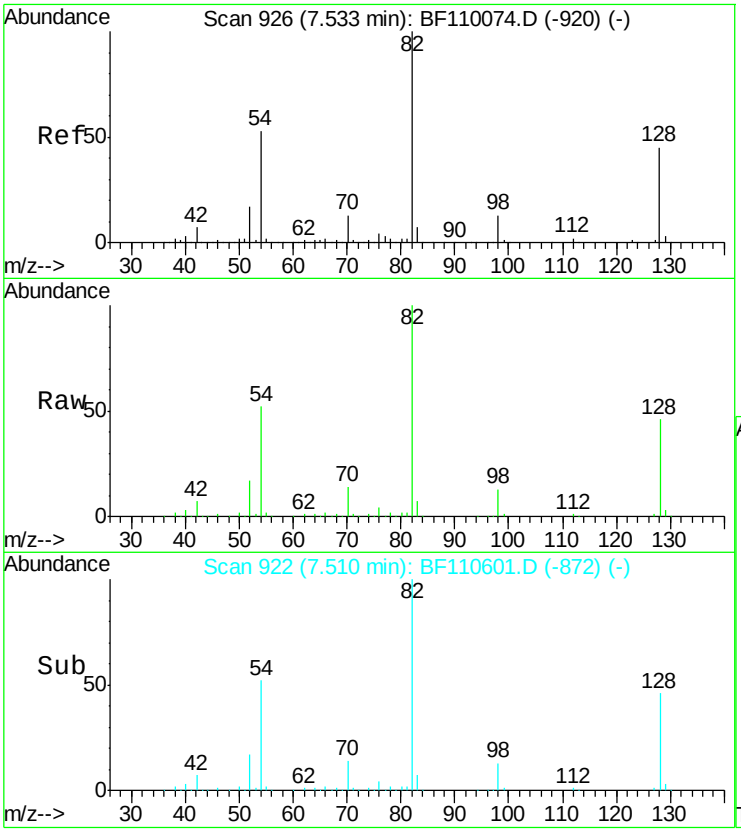


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Tgt Ion:136 Resp: 356892

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.4	5.4	8.2#
68	5.7	4.2	6.2



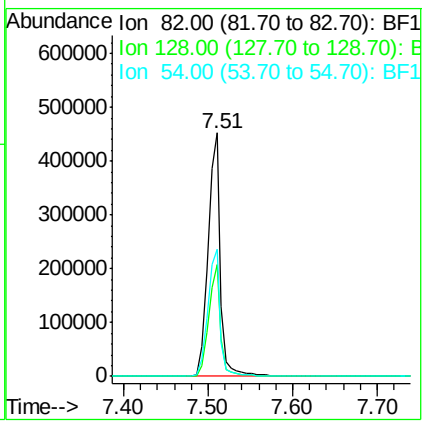


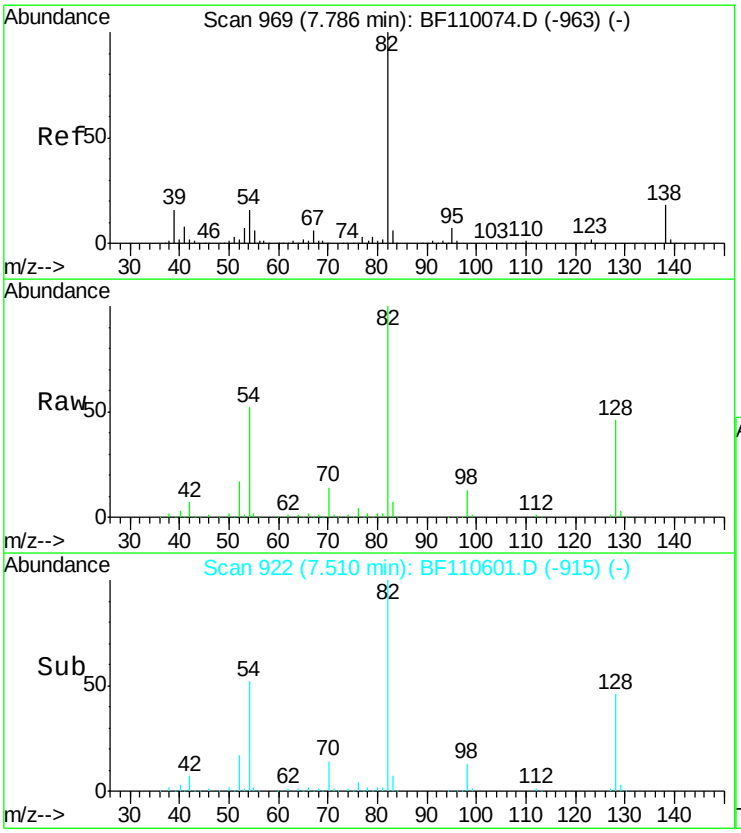
#23
Nitrobenzene-d5
Concen: 75.02 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 464919

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.2	51.2
54	52.3	38.6	58.0

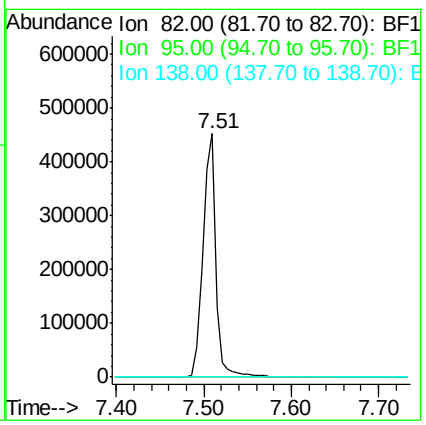


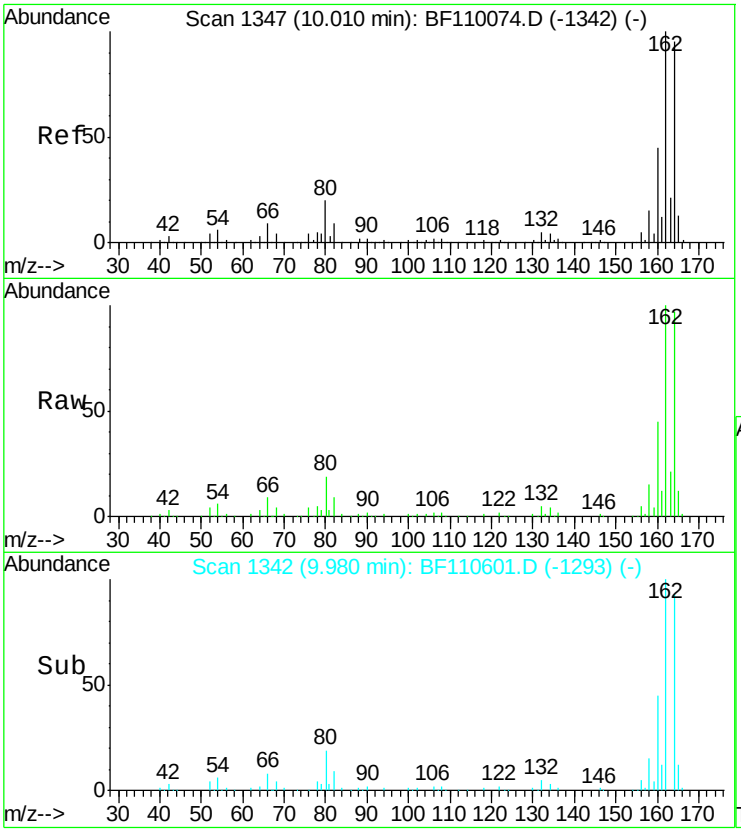


#25
Isophorone
Concen: 45.77 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Tgt Ion: 82 Resp: 464914

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



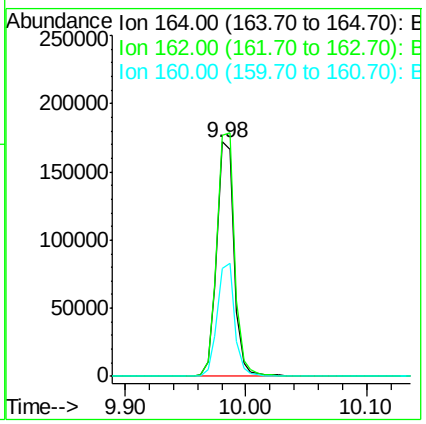


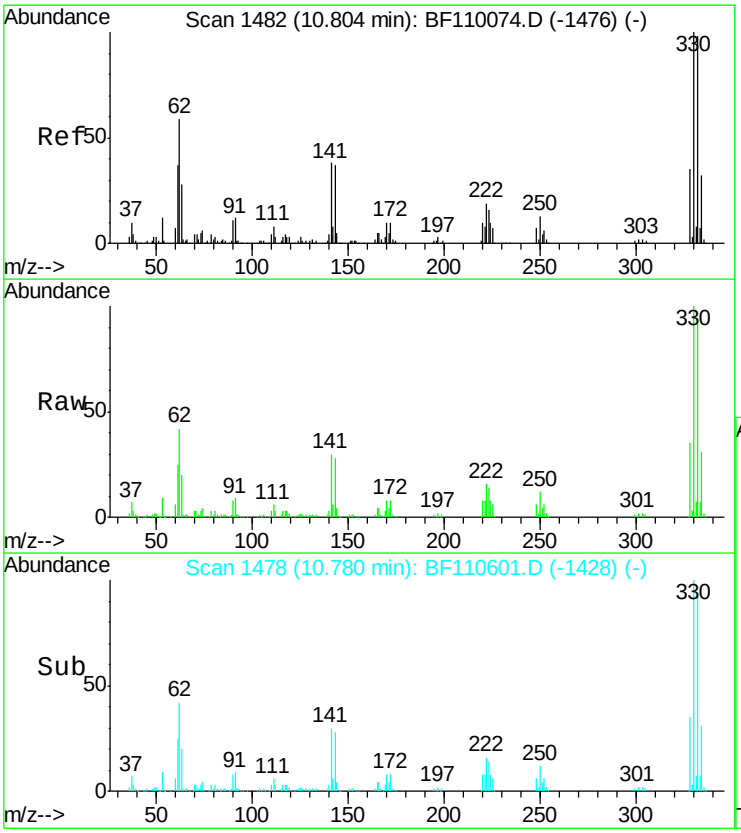
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 170443

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.6
160	46.0	37.0	55.6

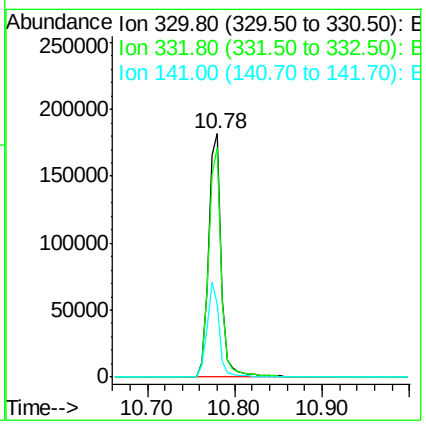


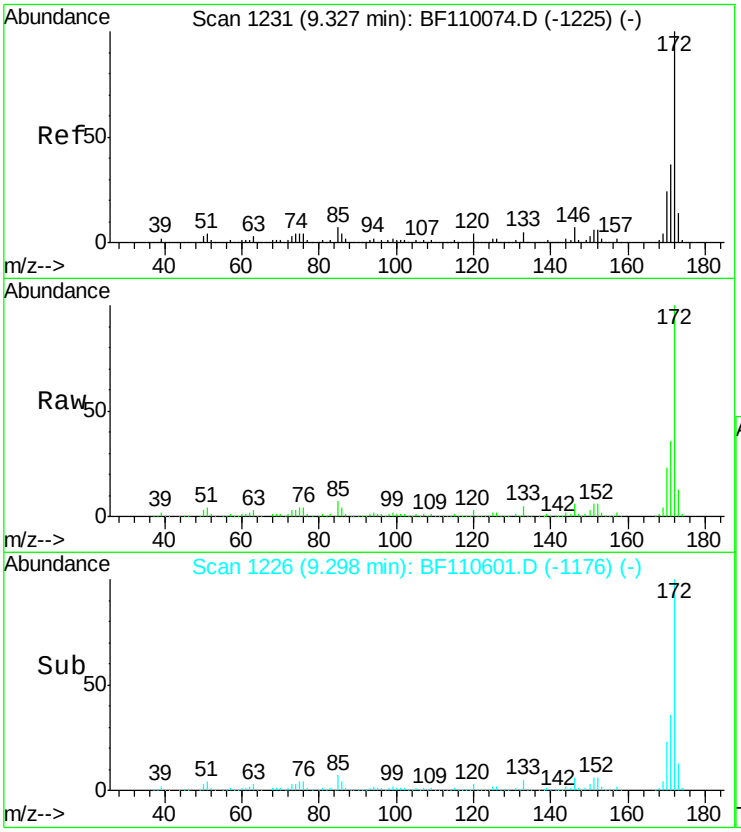


#42
2,4,6-Tribromophenol
Concen: 106.59 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Tgt Ion:330 Resp: 183060

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.1	115.7
141	37.6	27.0	40.4



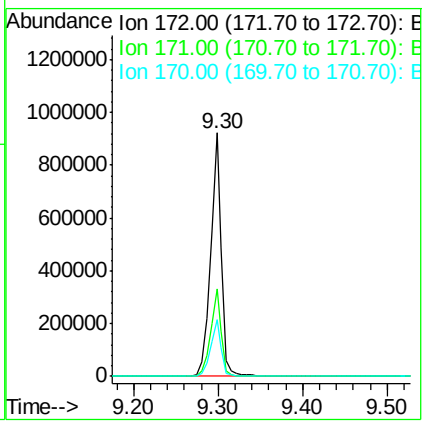


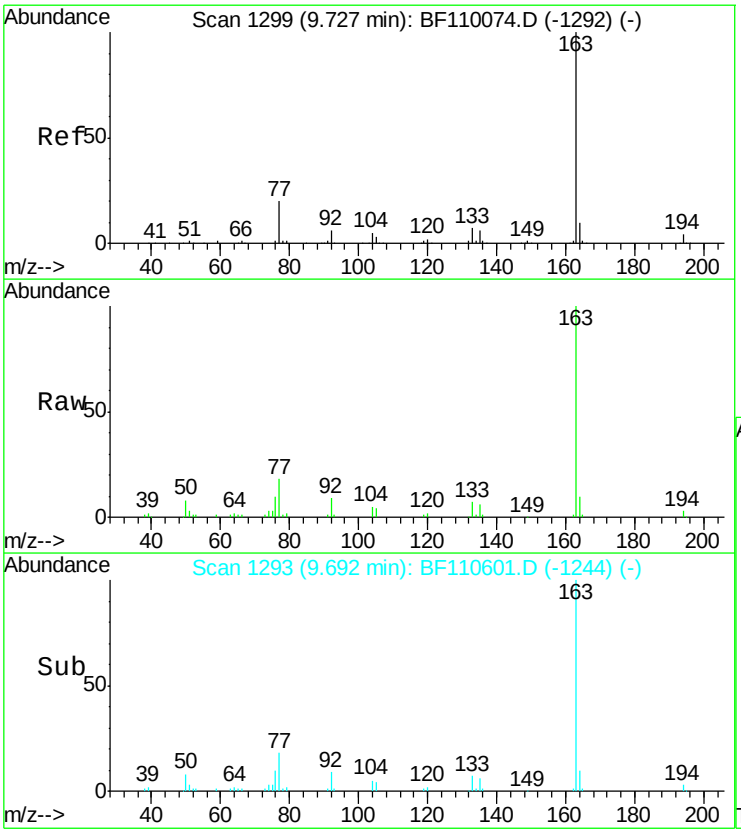
#45
2-Fluorobiphenyl
Concen: 70.13 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 836920

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.3	19.7	29.5

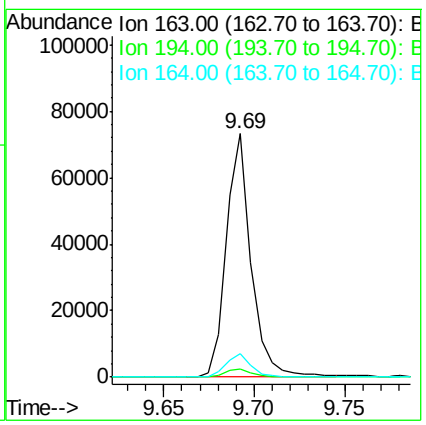


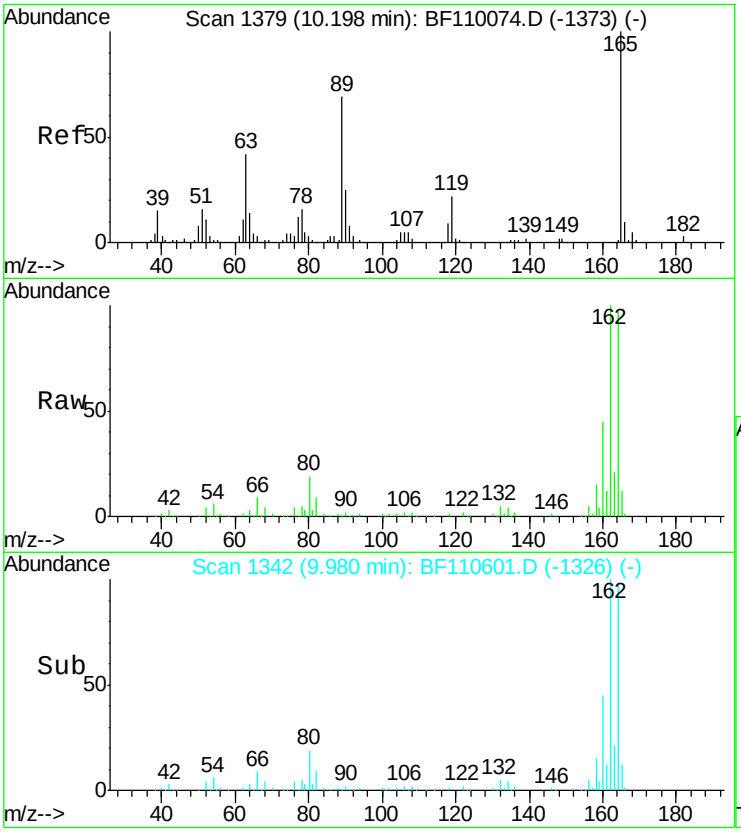


#50
Dimethylphthalate
Concen: 5.50 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Tgt Ion:163 Resp: 69907

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	9.8	8.1	12.1



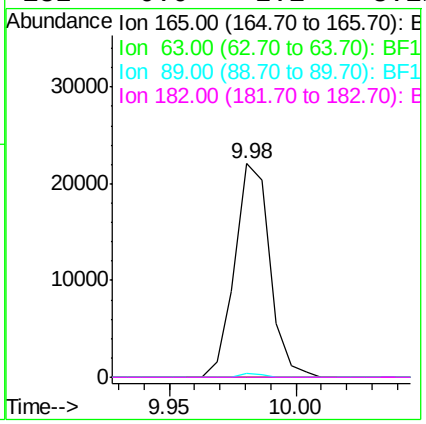


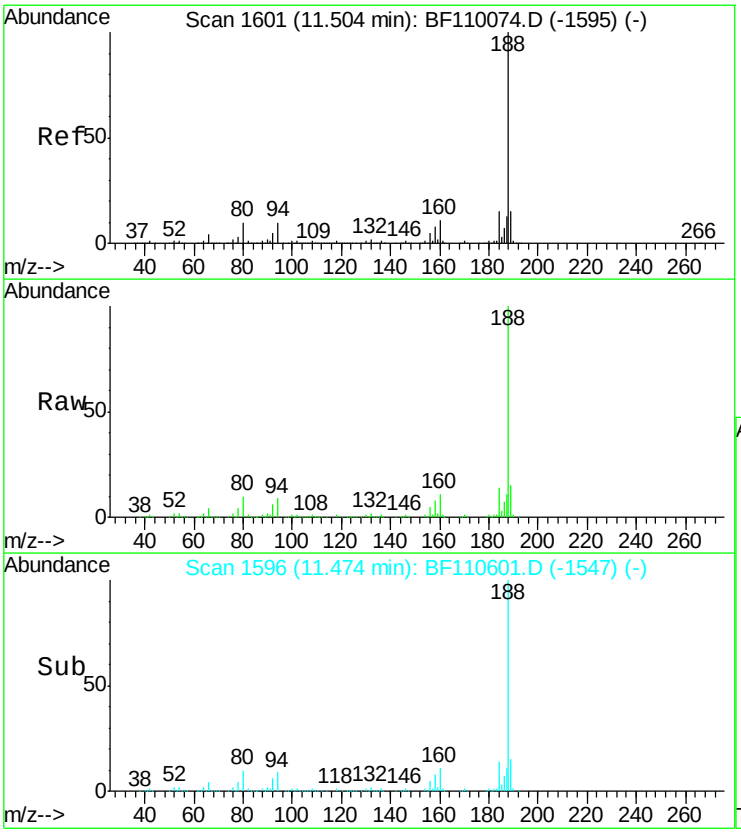
#57
2,4-Dinitrotoluene
Concen: 5.84 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21260

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.9	62.2	93.4#
182	0.0	2.1	3.1#

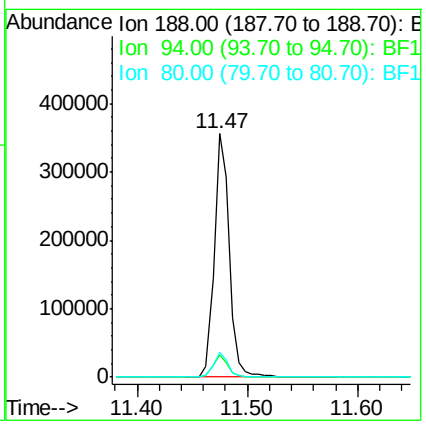


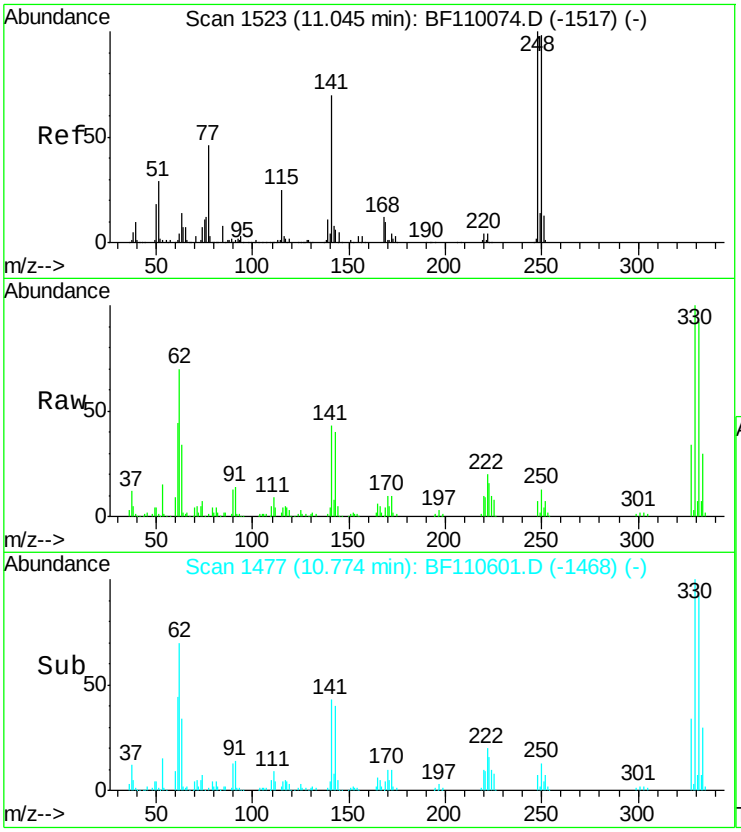


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Tgt Ion:188 Resp: 334411

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.0	7.9	11.9



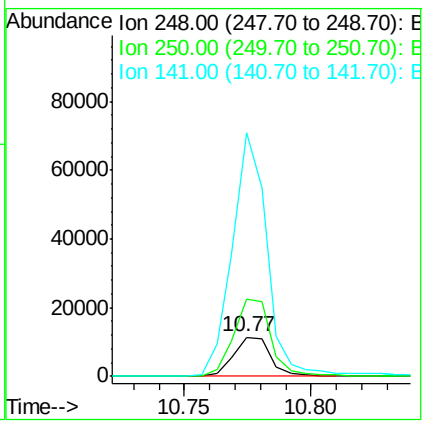


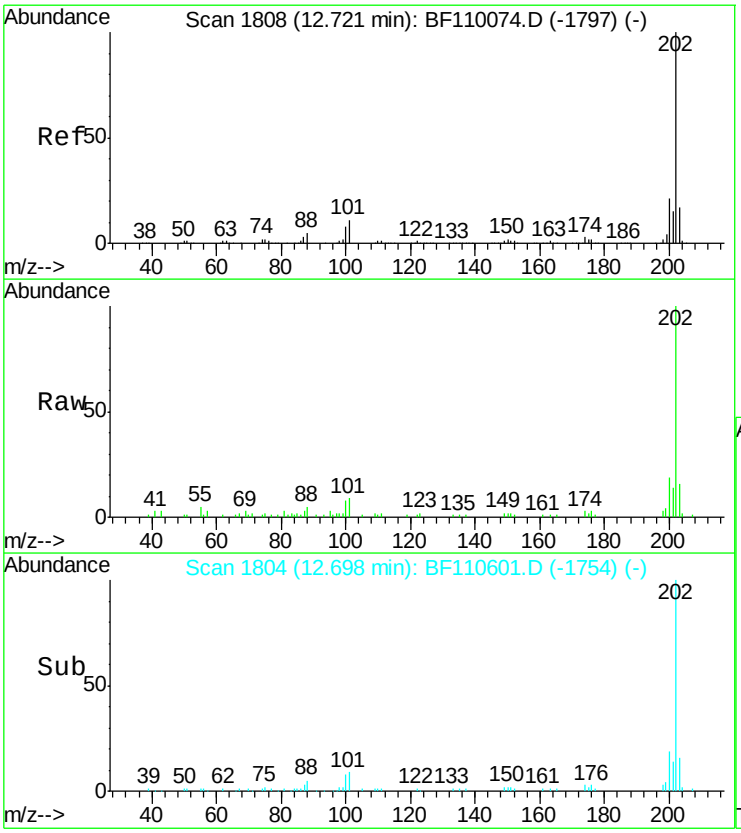
#67
4-Bromophenyl-phenylether
Concen: 3.09 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11431

Ion	Ratio	Lower	Upper
248	100		
250	197.2	79.4	119.2#
141	626.5	55.9	83.9#

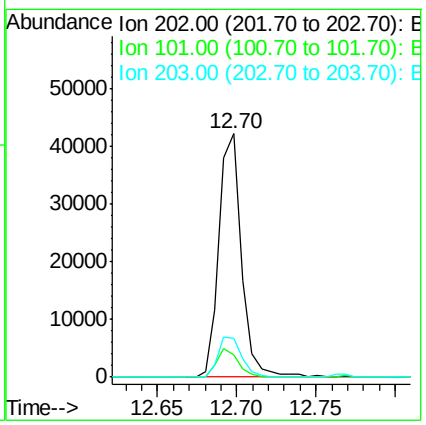


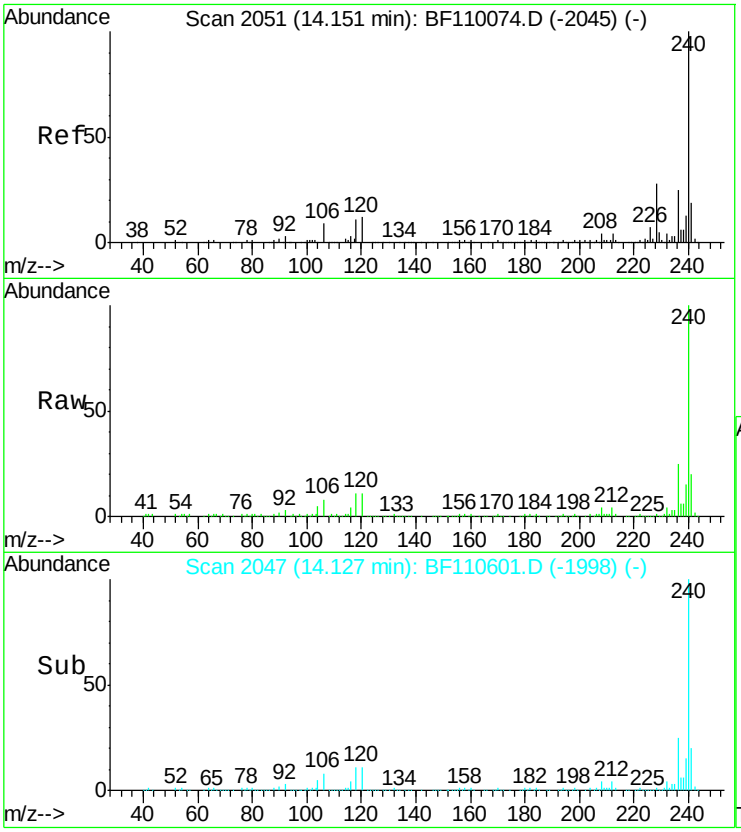


#75
Fluoranthene
Concen: 2.31 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Tgt Ion:202 Resp: 41549

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	31.4
203	16.2	0.0	37.7



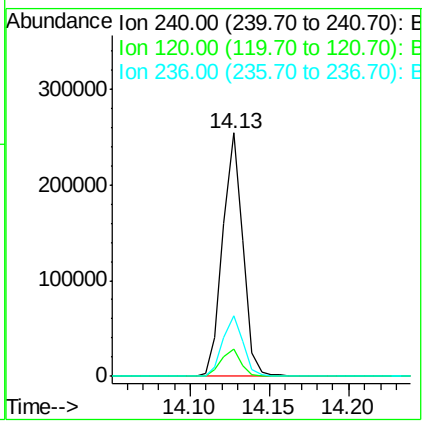


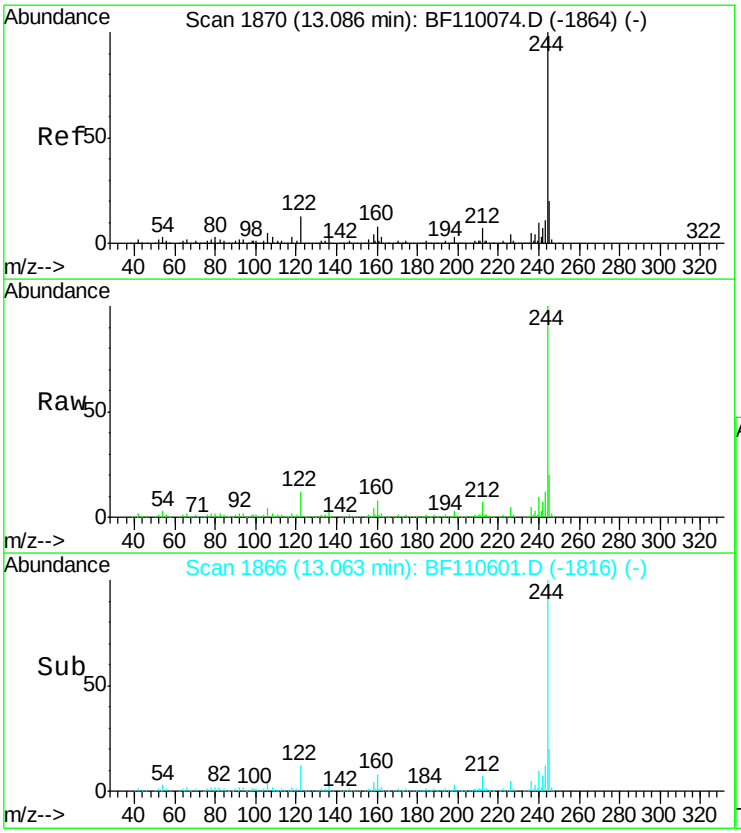
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 223743

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	24.9	21.2	31.8

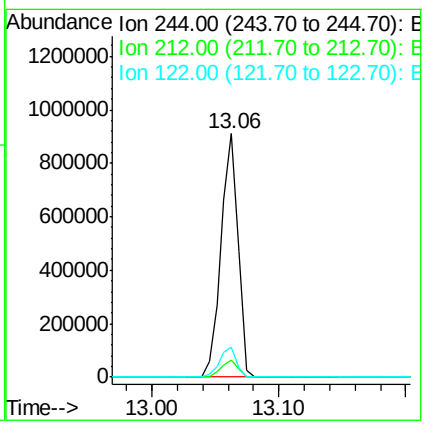


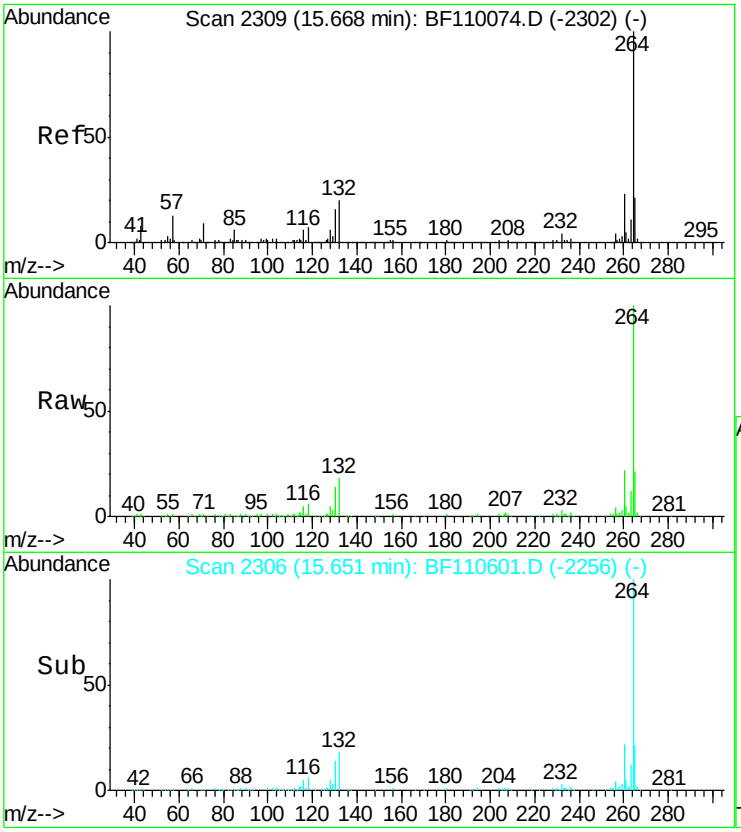


#79
Terphenyl-d14
Concen: 71.29 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Tgt Ion:244 Resp: 851770

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.4	8.7	13.1



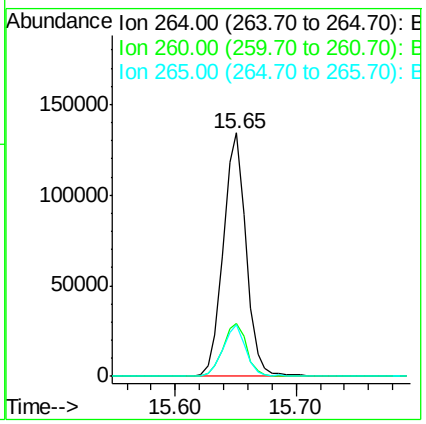


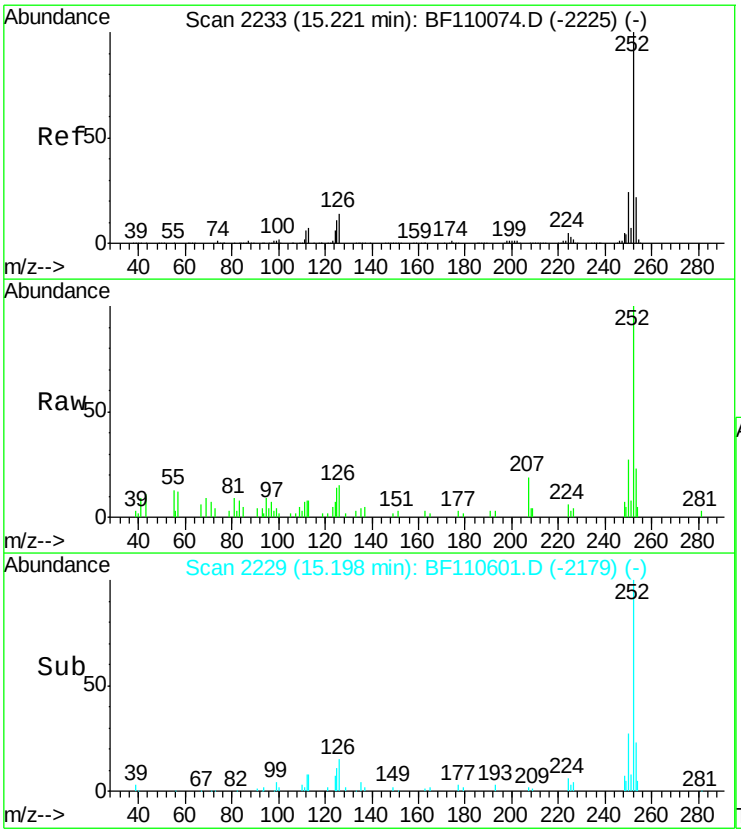
#87
Perylene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 175290

Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.7	28.1
265	21.4	16.7	25.1

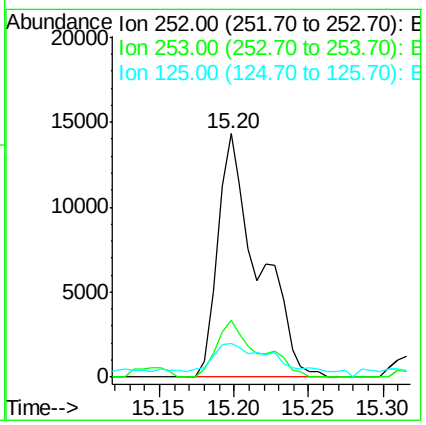


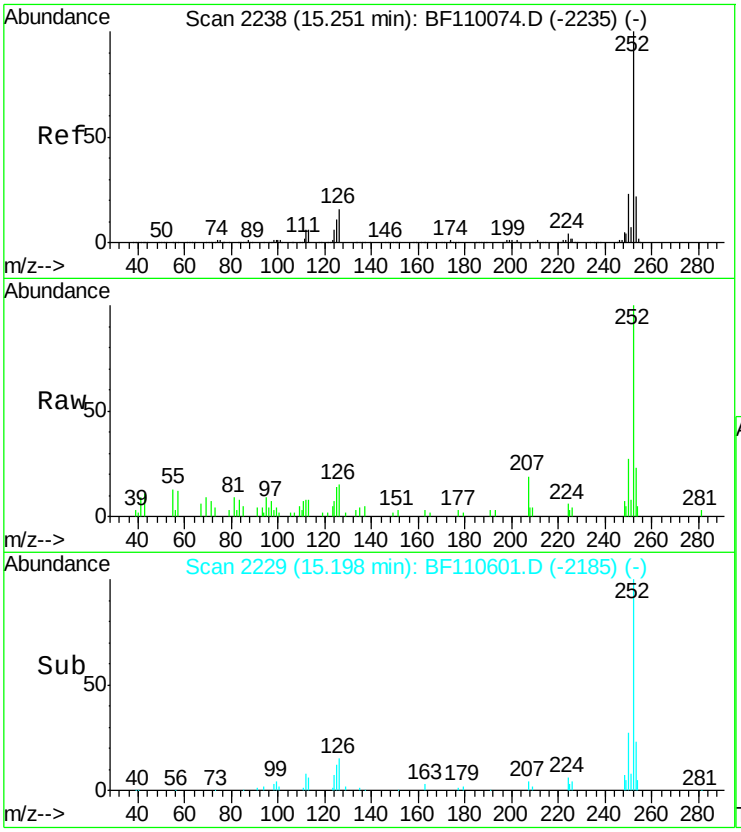


#88
Benzo(b)fluoranthene
Concen: 2.58 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Tgt Ion:252 Resp: 27107

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	14.0	8.2	12.4#





#89
Benzo(k)fluoranthene
Concen: 2.62 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.04 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 27107

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	14.0	7.4	11.0#