Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110646.D
Acq On : 9 Nov 2018 23:52
Operator : JU/SJ
Sample : J5884-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 11 03:25:28 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	80630	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	324449	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	141312	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	213332	20.00	ng	0.00
76) Chrysene-d12	14.13	240	145850	20.00	ng	-0.01
87) Perylene-d12	15.66	264	115253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	693552	139.72	ng	0.01
7) Phenol-d6	6.57	99	898510	141.55	ng	0.00
23) Nitrobenzene-d5	7.51	82	558926	99.21	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	170723	119.90	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	868595	87.79	ng	0.00
79) Terphenyl-d14	13.06	244	564746	72.52	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.58	77	1716	Below Cal	#	1
10) Phenol	6.59	94	57254	7.779	ng	# 65
19) n-Nitroso-di-n-propylamine	7.51	70	75780	18.702	ng	# 79
25) Isophorone	7.51	82	558922	60.530	ng	# 67
50) Dimethylphthalate	9.69	163	69004	6.544	ng	# 99
52) Acenaphthene	10.02	154	48612	5.624	ng	99
57) 2,4-Dinitrotoluene	9.99	165	18057	5.987	ng	# 19
58) Fluorene	10.53	166	33907	3.491	ng	98
67) 4-Bromophenyl-phenylether	10.78	248	10480	4.445	ng	# 1

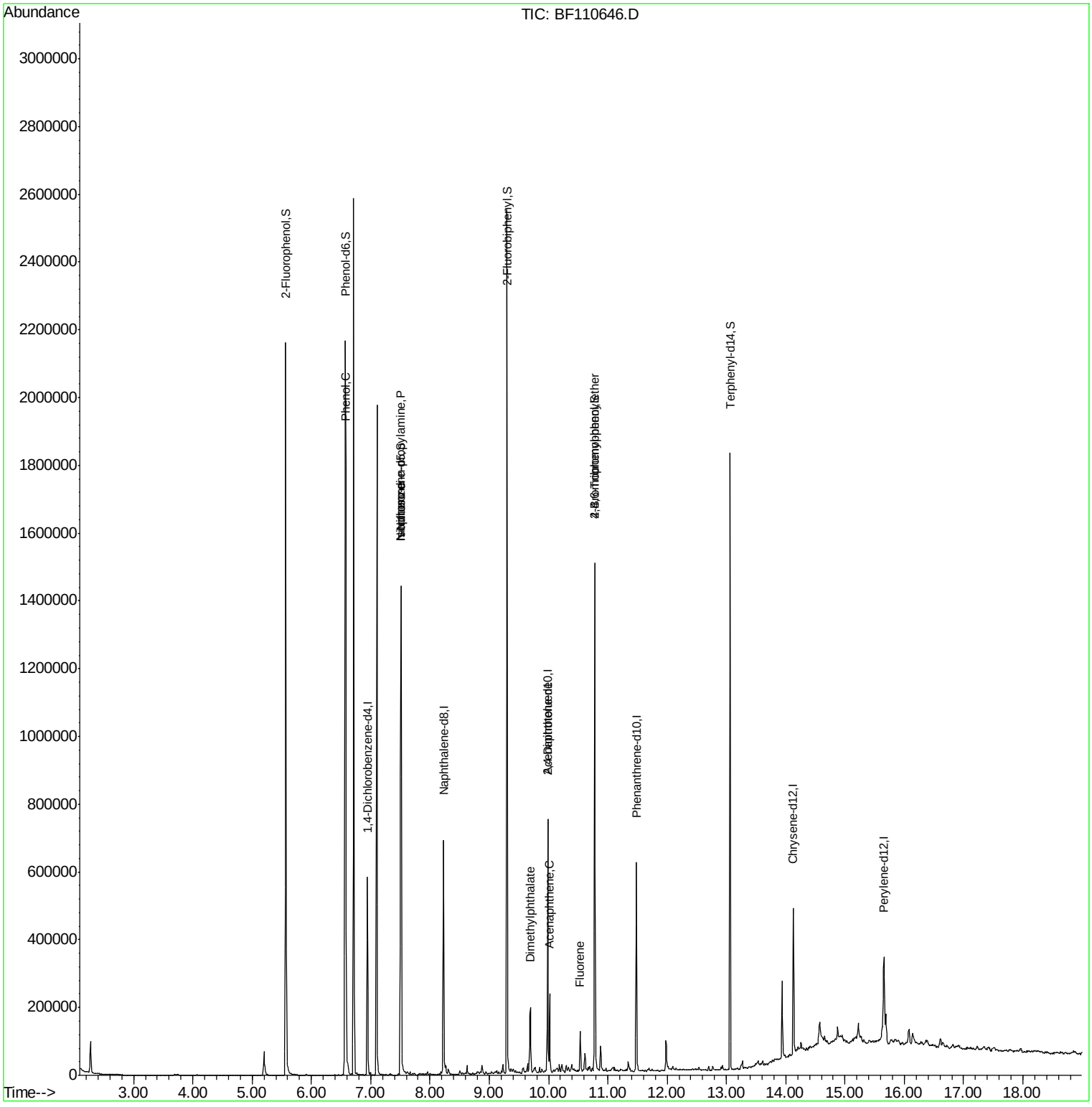
(#) = qualifier out of range (m) = manual integration (+) = signals summed

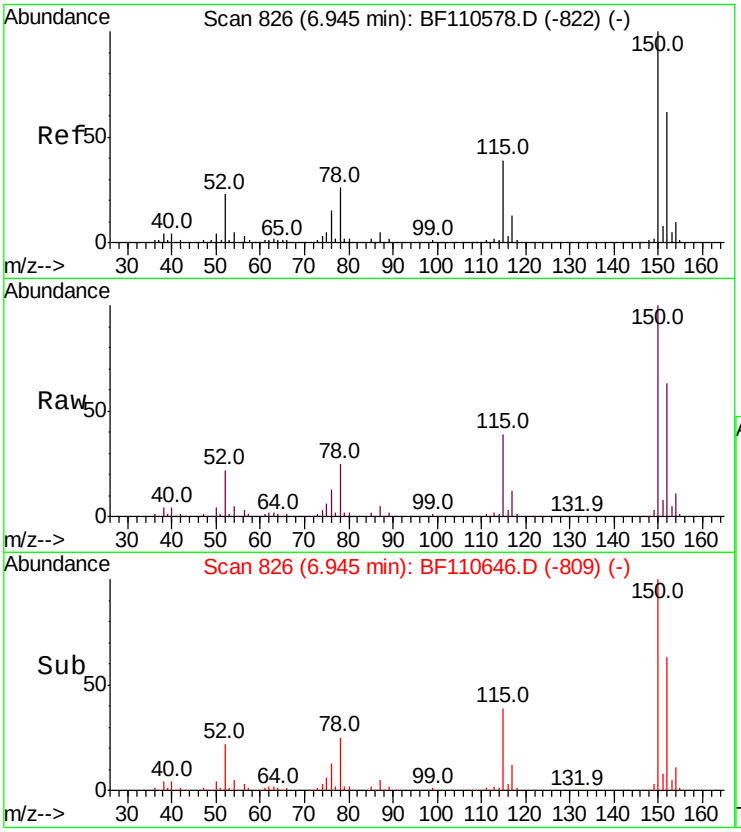
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110646.D
Acq On : 9 Nov 2018 23:52
Operator : JU/SJ
Sample : J5884-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 11 03:25:28 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



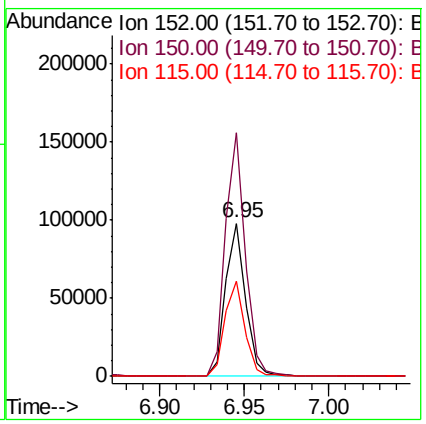


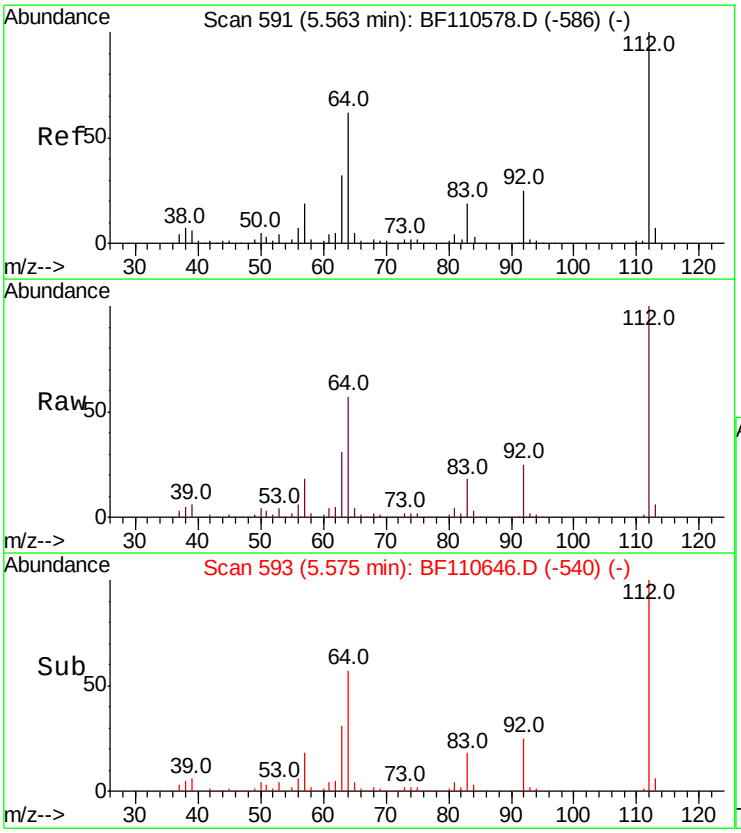
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 80630

Ion	Ratio	Lower	Upper
152	100		
150	158.8	122.7	184.1
115	62.1	49.1	73.7

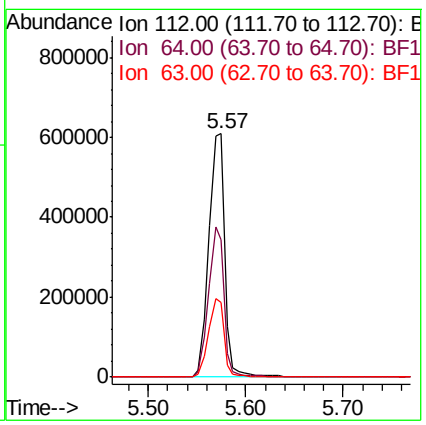


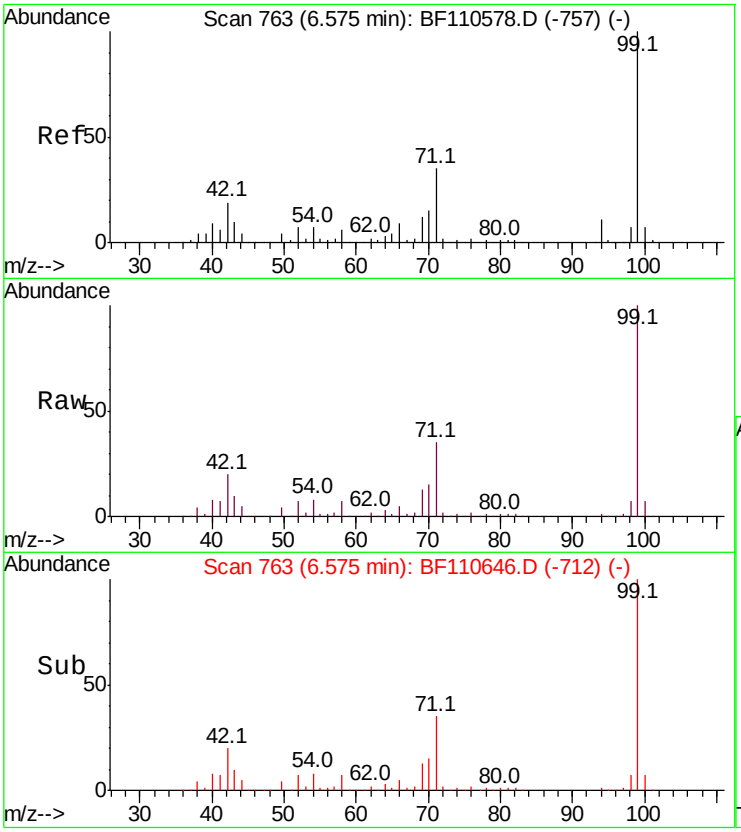


#5
2-Fluorophenol
Concen: 139.718 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Tgt Ion:112 Resp: 693552

Ion	Ratio	Lower	Upper
112	100		
64	56.6	44.1	66.1
63	30.5	23.7	35.5



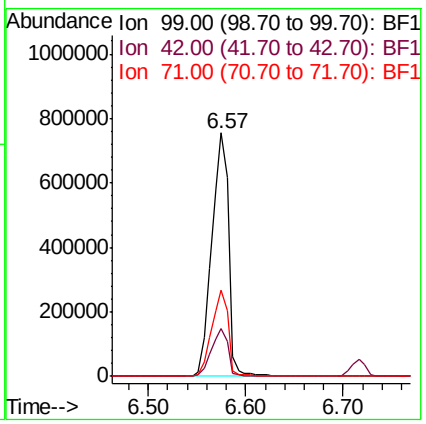


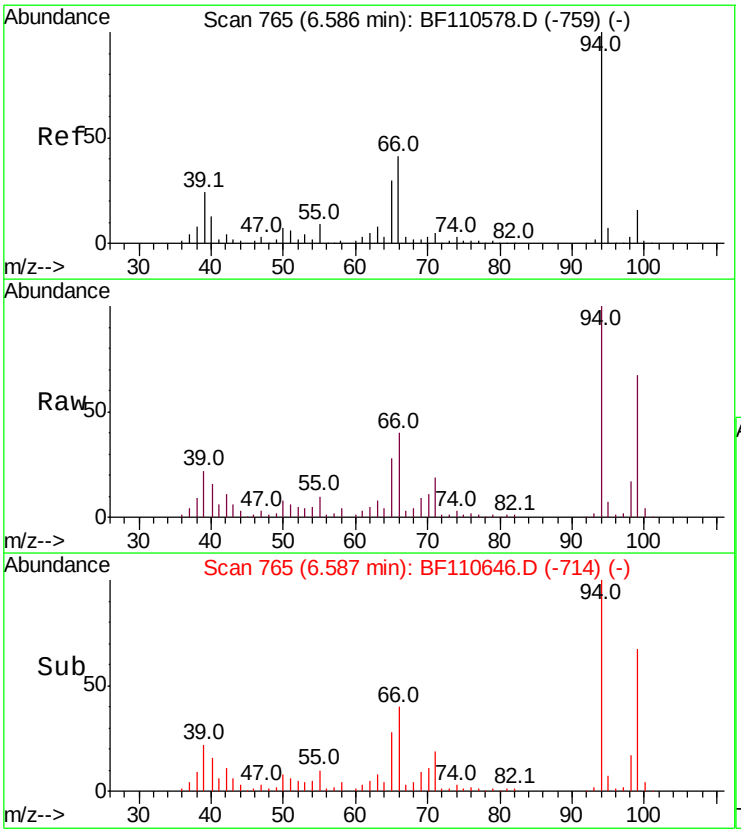
#7
Phenol-d6
Concen: 141.549 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 898510

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.8	23.6
71	35.2	28.0	42.0

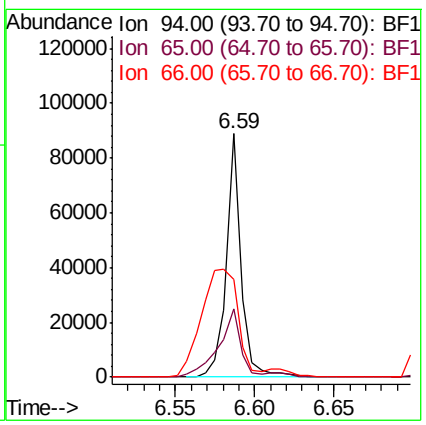


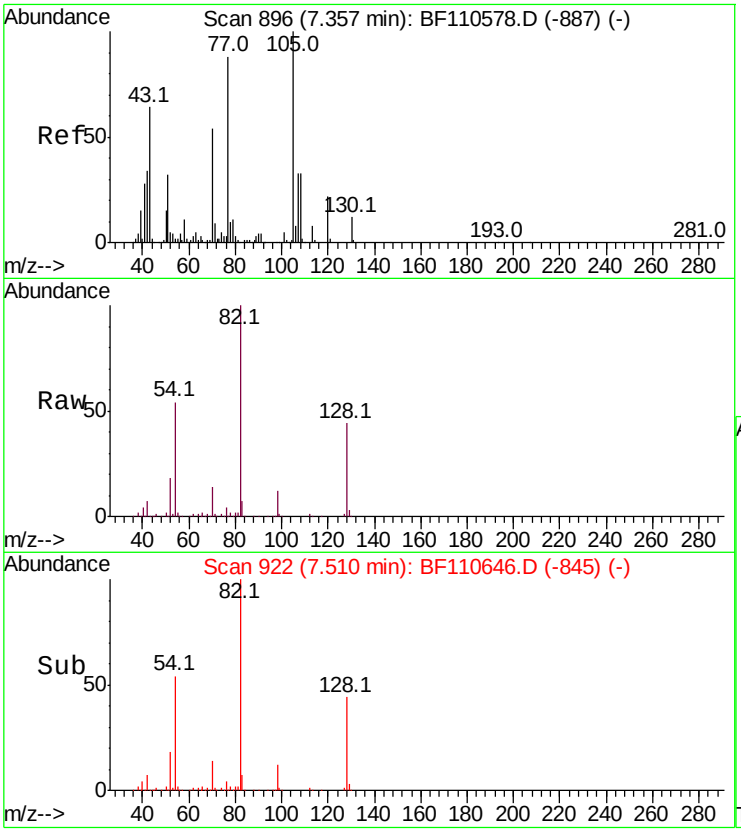


#10
Phenol
Concen: 7.779 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Tgt Ion: 94 Resp: 57254

Ion	Ratio	Lower	Upper
94	100		
65	27.8	25.3	65.3
66	40.3	54.5	94.5#



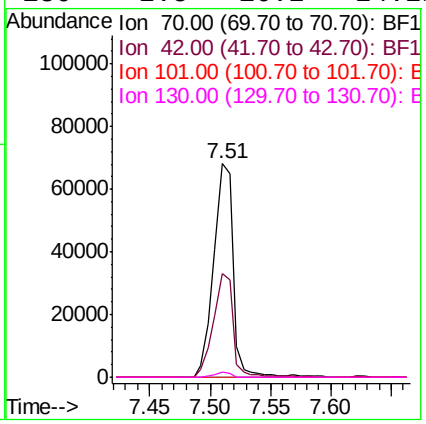


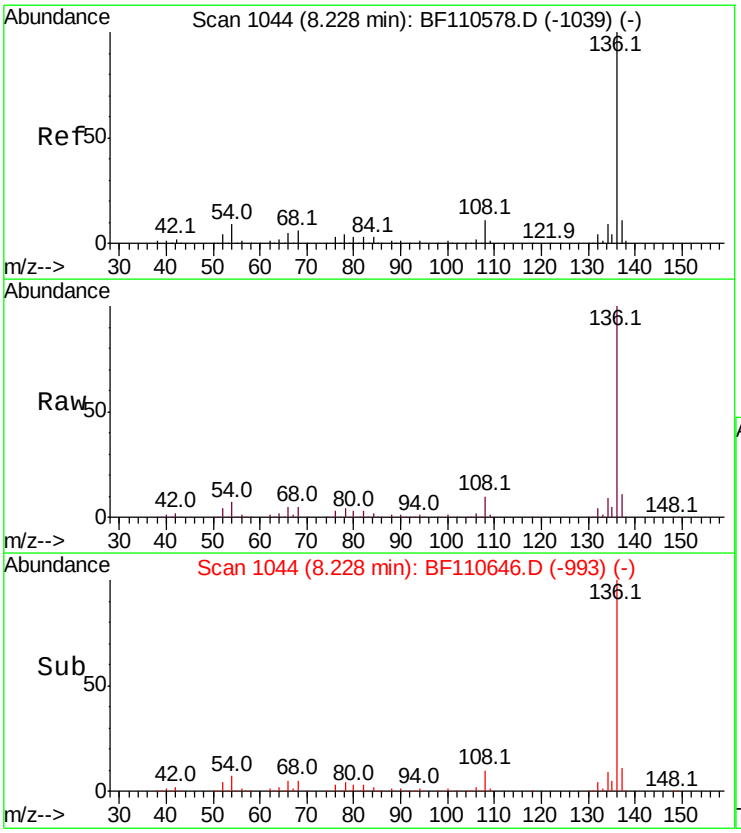
#19
n-Nitroso-di-n-propylamine
Concen: 18.702 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 75780

Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.4	71.2
101	0.0	7.3	10.9#
130	2.5	16.2	24.2#

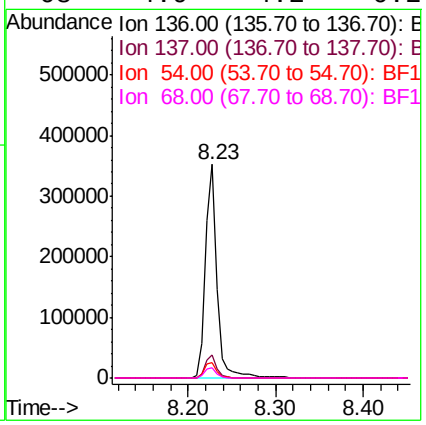


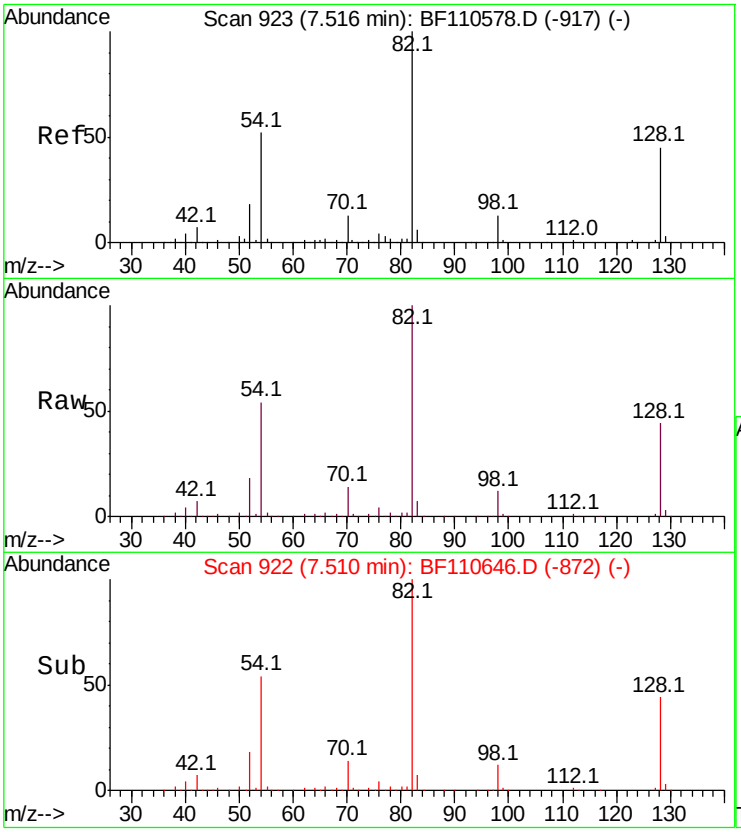


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Tgt Ion:136 Resp: 324449

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.4	5.4	8.2
68	4.9	4.2	6.2



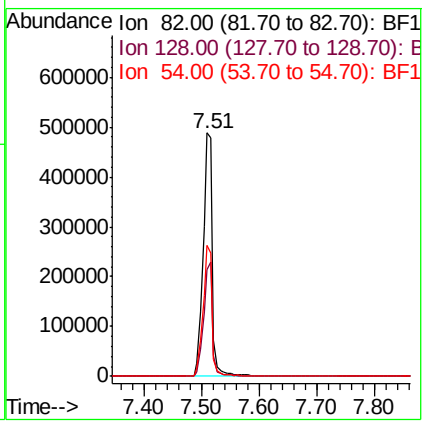


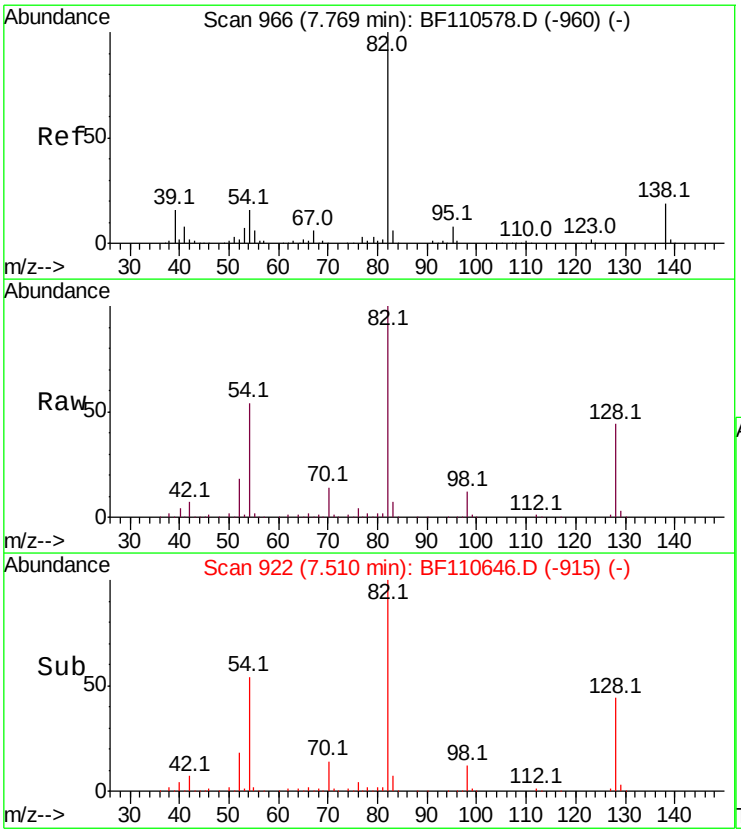
#23
Nitrobenzene-d5
Concen: 99.209 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 558926

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.2	51.2
54	53.9	38.6	58.0

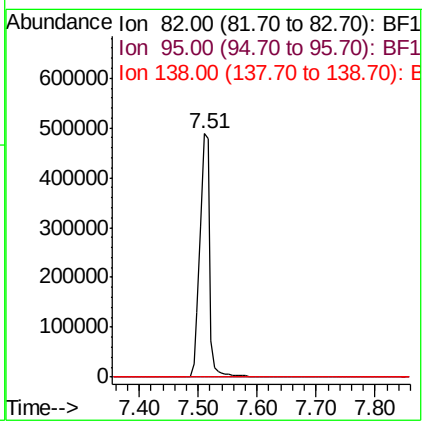


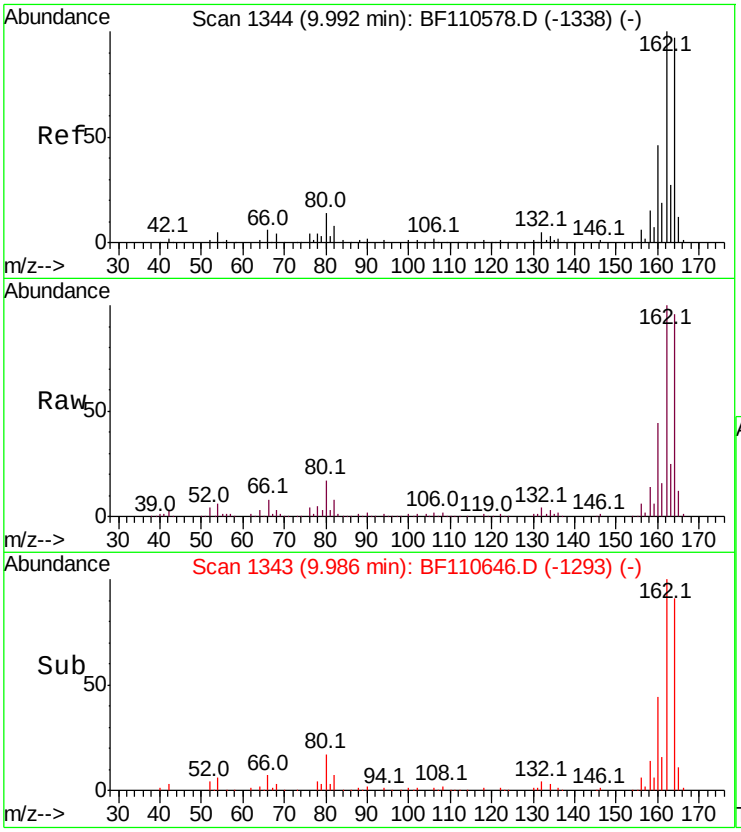


#25
Isophorone
Concen: 60.530 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Tgt Ion: 82 Resp: 558922

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



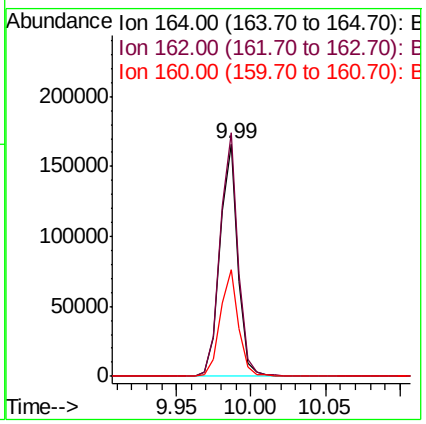


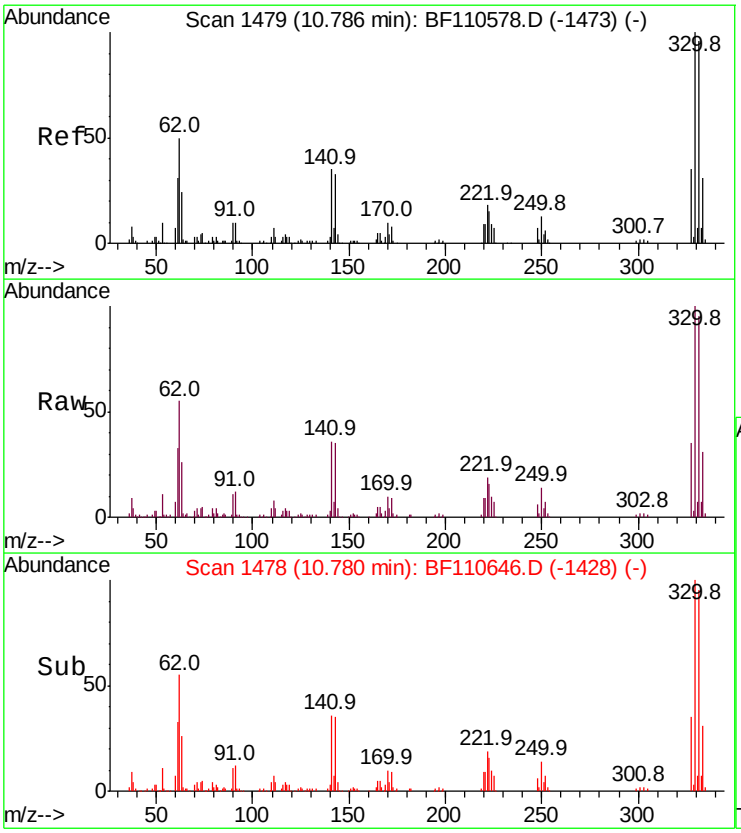
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 141312

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.0	124.6
160	46.1	37.0	55.6

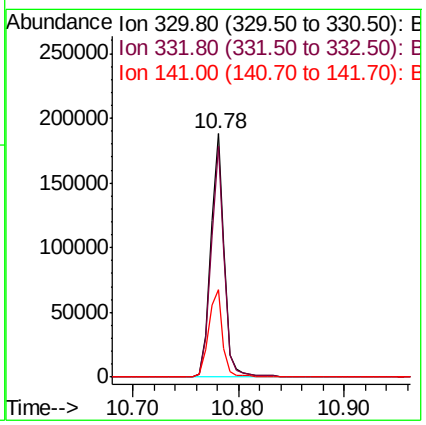


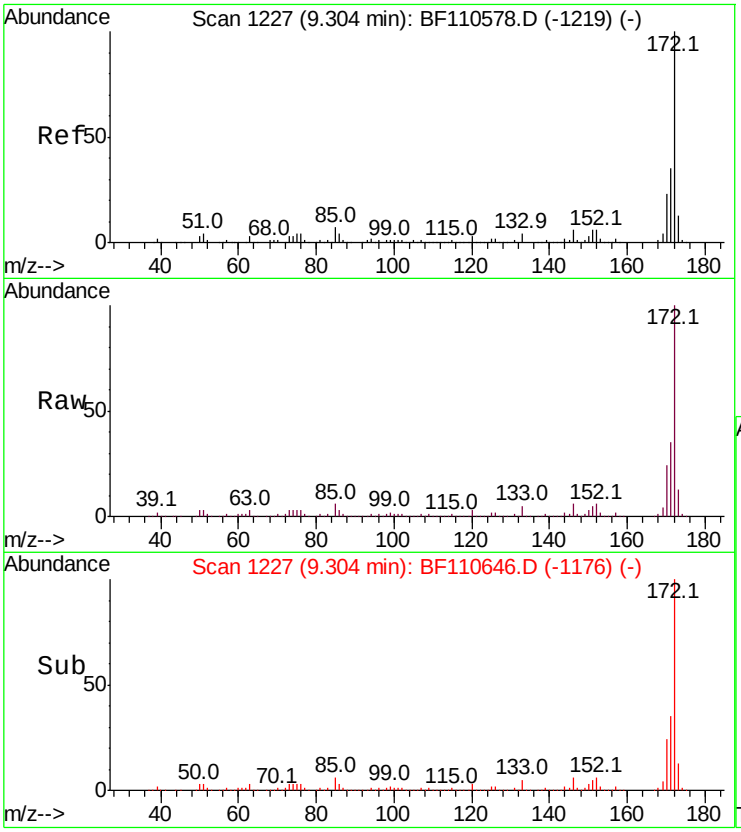


#42
2,4,6-Tribromophenol
Concen: 119.899 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Tgt Ion:330 Resp: 170723

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.1	115.7
141	37.0	27.0	40.4



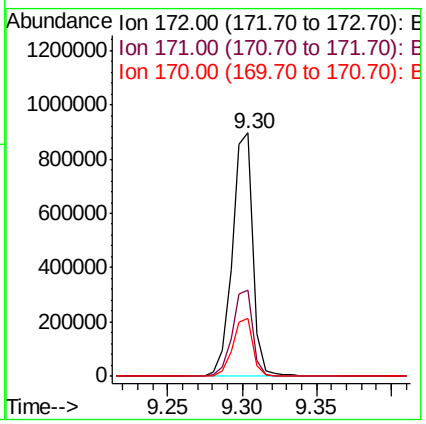


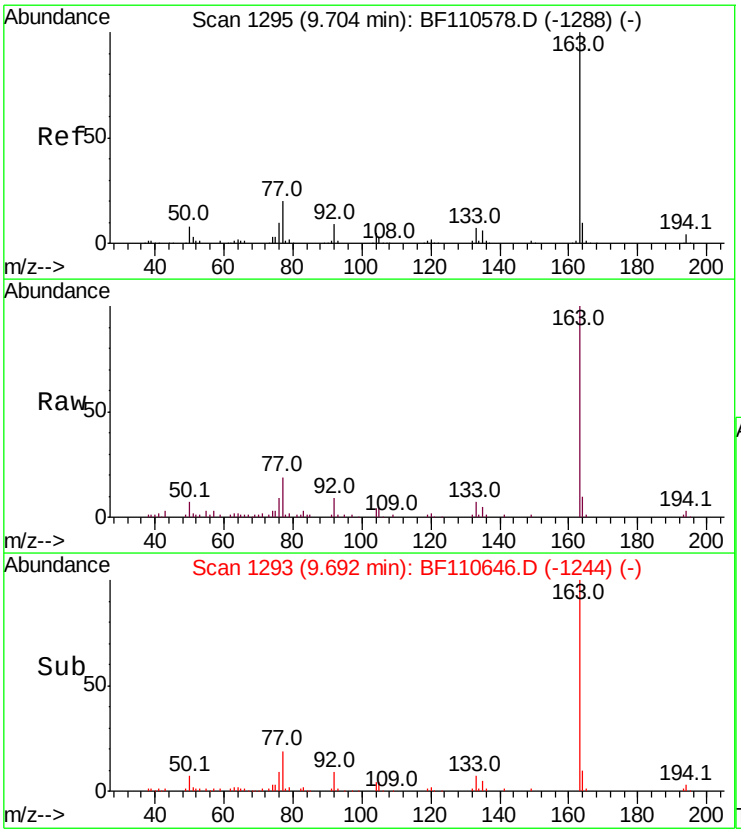
#45
2-Fluorobiphenyl
Concen: 87.785 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 868595

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.9	19.7	29.5

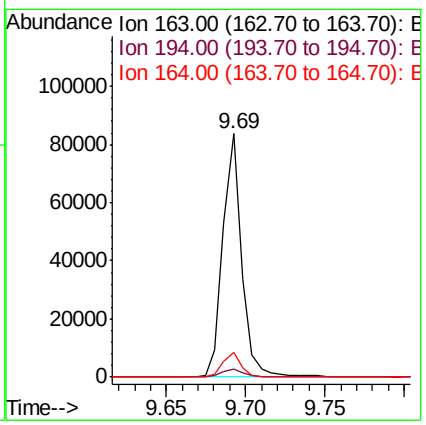


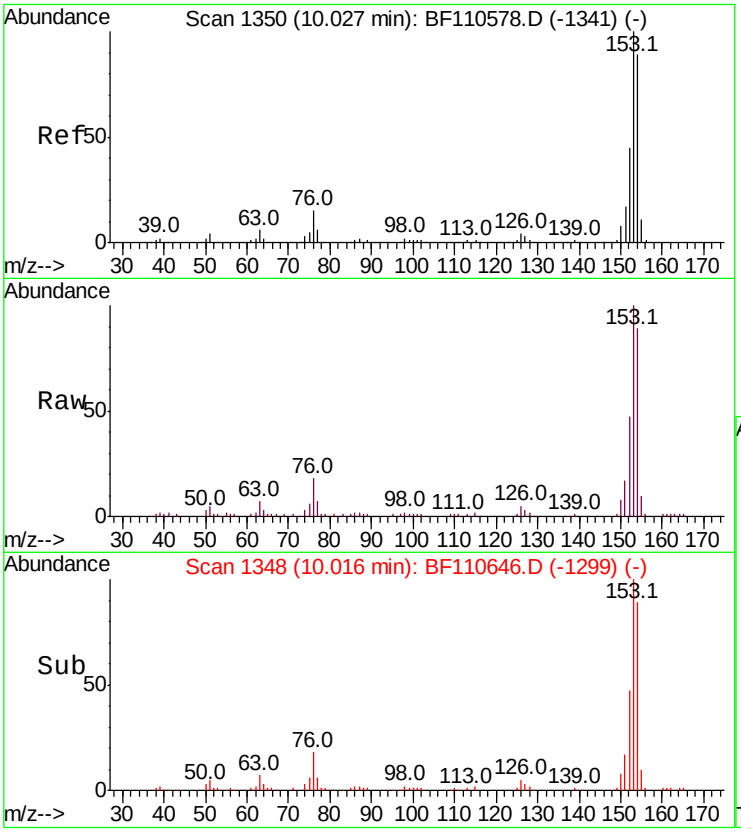


#50
Dimethylphthalate
Concen: 6.544 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Tgt Ion:163 Resp: 69004

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.2	4.8#
164	10.0	8.1	12.1



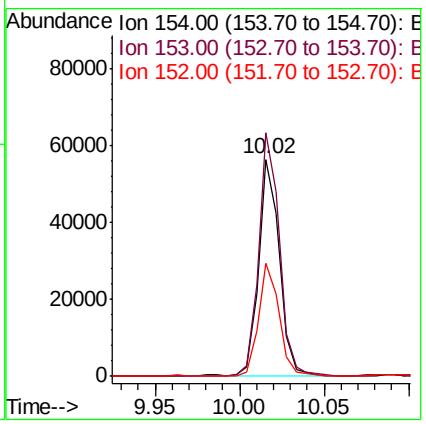


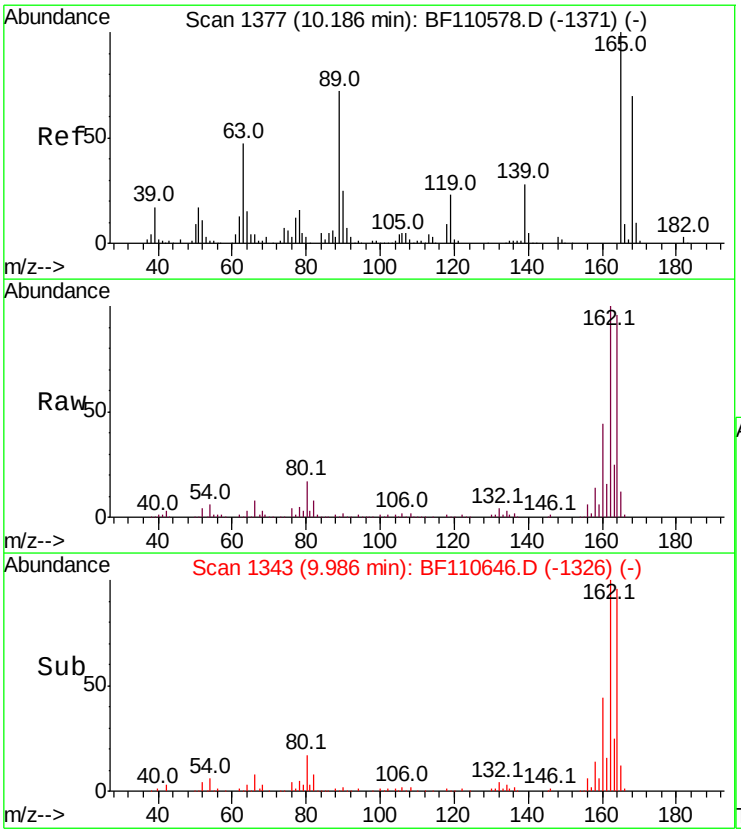
#52
Acenaphthene
Concen: 5.624 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 48612

Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.1	135.1
152	52.2	43.4	65.2

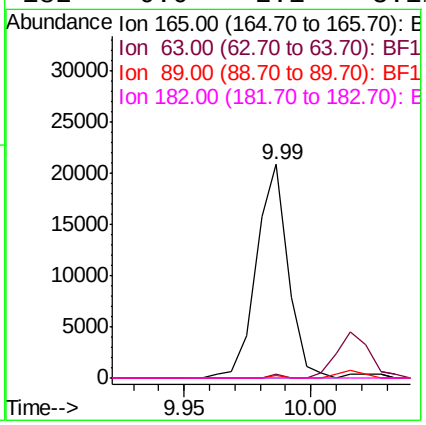


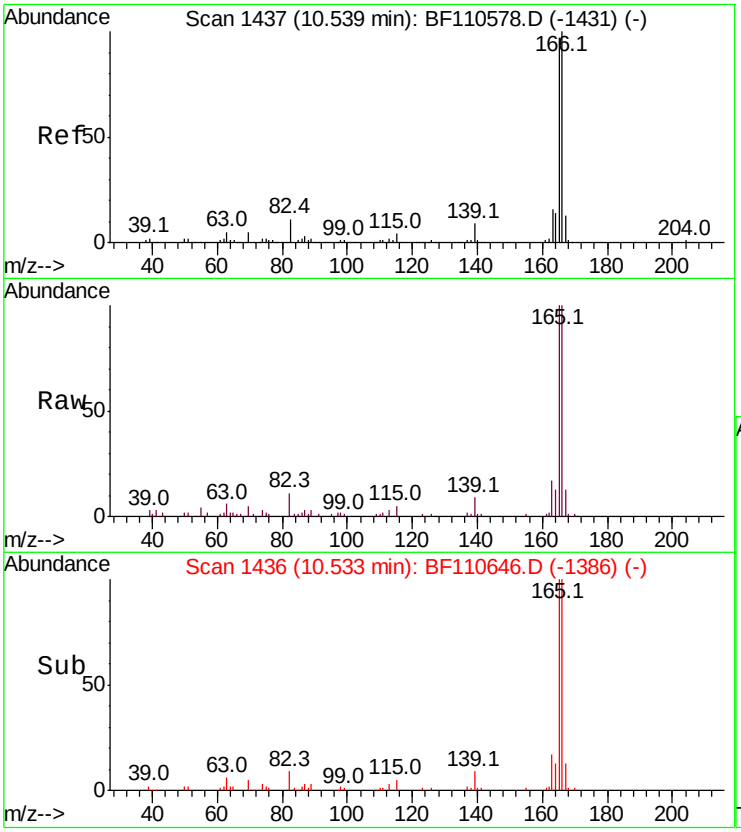


#57
2,4-Dinitrotoluene
Concen: 5.987 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Tgt Ion:165 Resp: 18057

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.8	67.2#
89	1.5	62.2	93.4#
182	0.0	2.1	3.1#



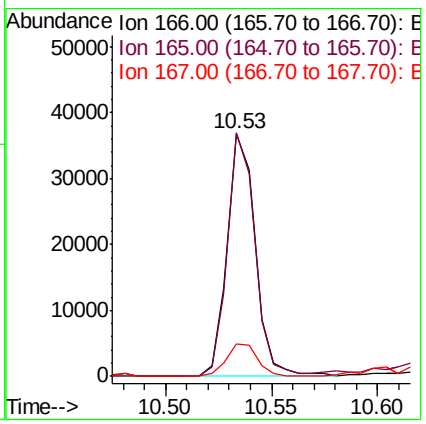


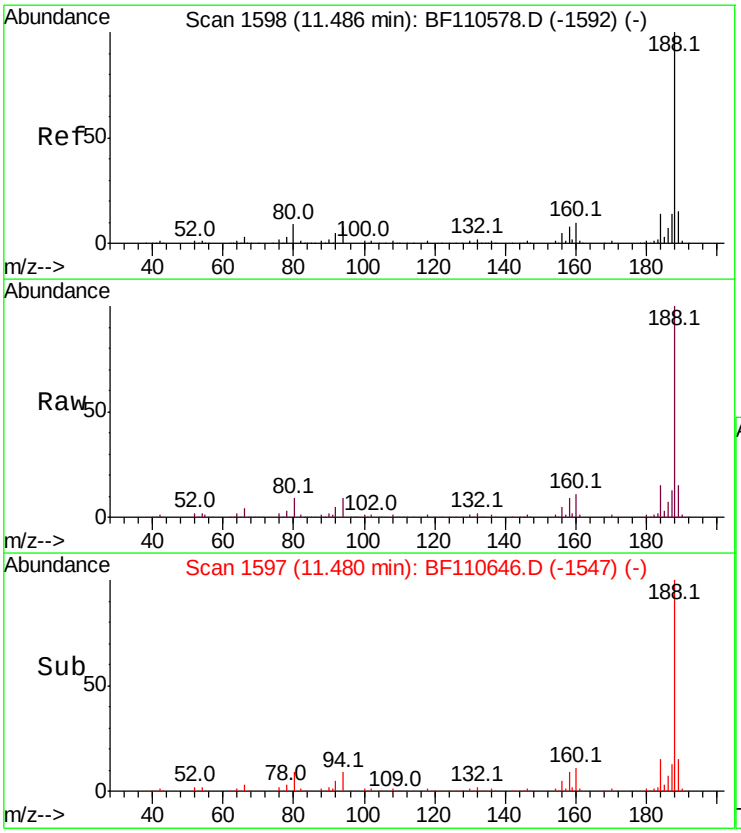
#58
Fluorene
Concen: 3.491 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 33907

Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.6	117.8
167	13.5	10.8	16.2

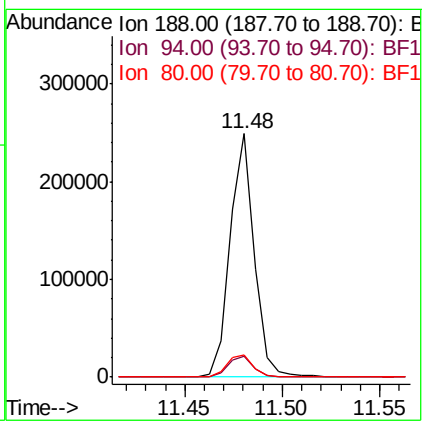


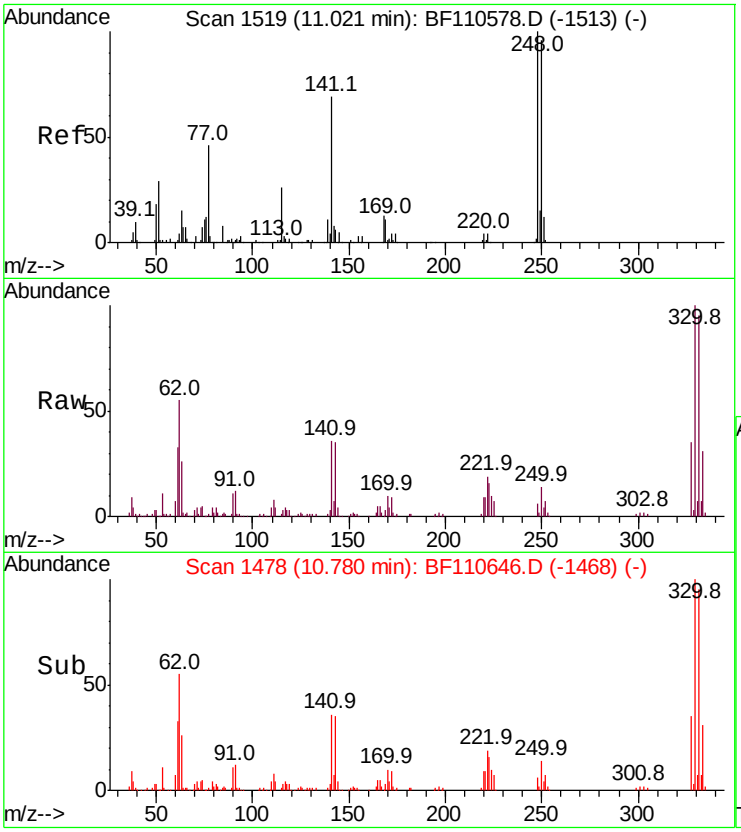


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Tgt Ion:188 Resp: 213332

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.2	7.9	11.9



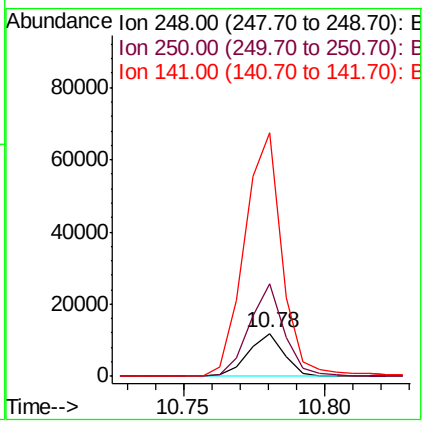


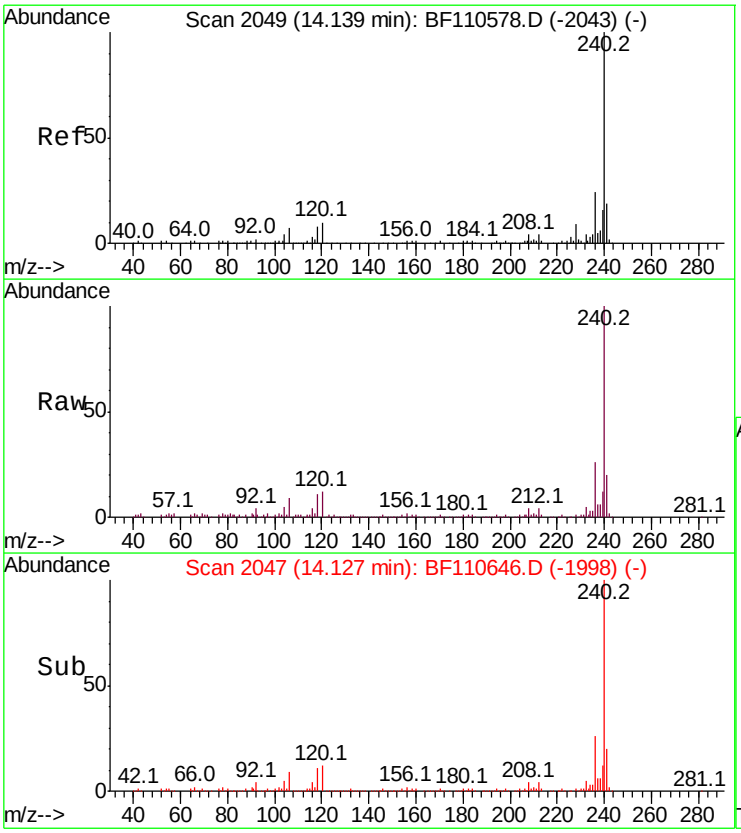
#67
4-Bromophenyl-phenylether
Concen: 4.445 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 10480

Ion	Ratio	Lower	Upper
248	100		
250	215.9	79.4	119.2#
141	566.5	55.9	83.9#

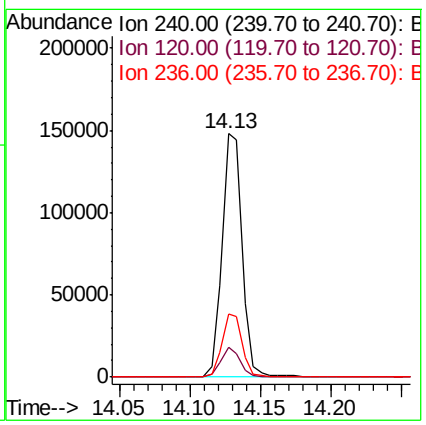


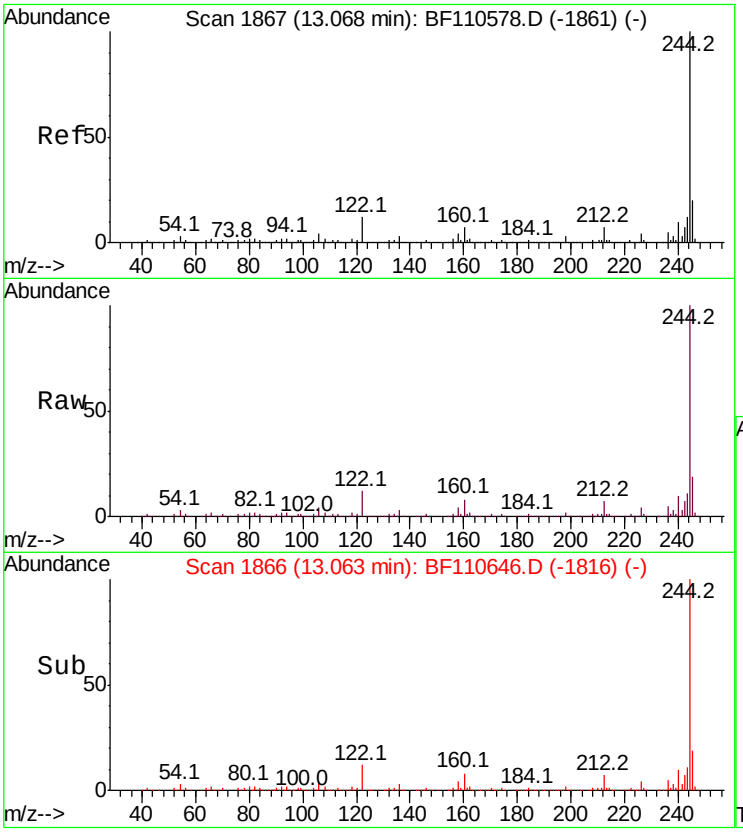


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Tgt Ion:240 Resp: 145850

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.3	12.5
236	25.8	21.2	31.8



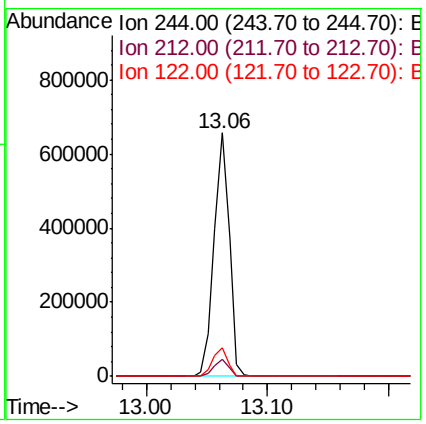


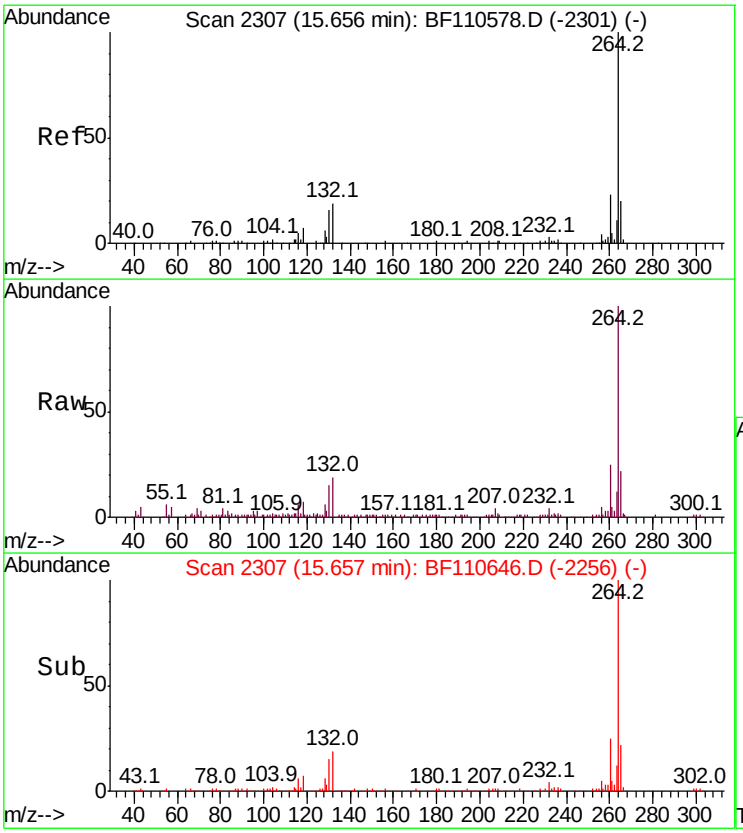
#79
Terphenyl-d14
Concen: 72.515 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110646.D
Acq: 9 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 564746

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.0	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: BF110646.D
Acq: 9 Nov 2018 23:52

Tgt Ion:264 Resp: 115253

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.7	28.1
265	22.2	16.7	25.1