Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
Data File : BF110596.D
Acq On : 8 Nov 2018 20:26
Operator : JU/SJ
Sample : J5851-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 09 08:42:35 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	69711	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	290773	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	139764	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	285687	20.00	ng	0.00
76) Chrysene-d12	14.13	240	237272	20.00	ng	-0.01
87) Perylene-d12	15.65	264	154537	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	183627	42.79	ng	0.00
7) Phenol-d6	6.56	99	139551	25.43	ng	-0.01
23) Nitrobenzene-d5	7.51	82	537598	106.47	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	130636	92.76	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	1033752	105.63	ng	0.00
79) Terphenyl-d14	13.06	244	1021557	80.63	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.57	94	21503	3.38	ng	# 70
15) Benzyl Alcohol	7.10	79	8808	2.05	ng	# 52
19) n-Nitroso-di-n-propylamine	7.51	70	70476	20.12	ng	# 79
25) Isophorone	7.51	82	537595	64.96	ng	# 67
50) Dimethylphthalate	9.69	163	32894	3.15	ng	100
51) 2,6-Dinitrotoluene	9.99	165	17790	7.75	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	17790	5.96	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	8510	2.70	ng	# 1
77) Benzidine	13.06	184	13521	2.07	ng	# 97

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

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Acq On : 8 Nov 2018 20:26
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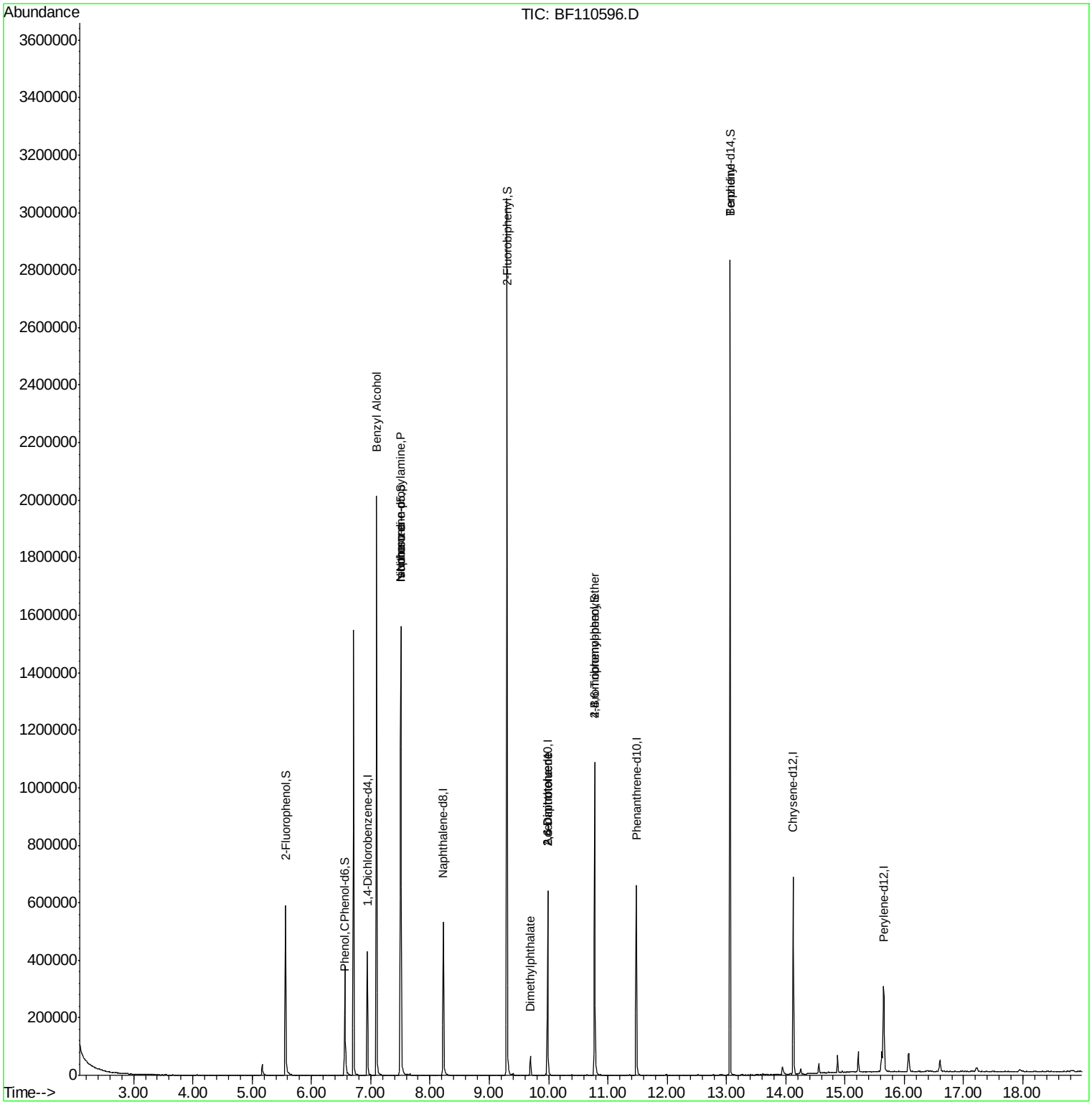
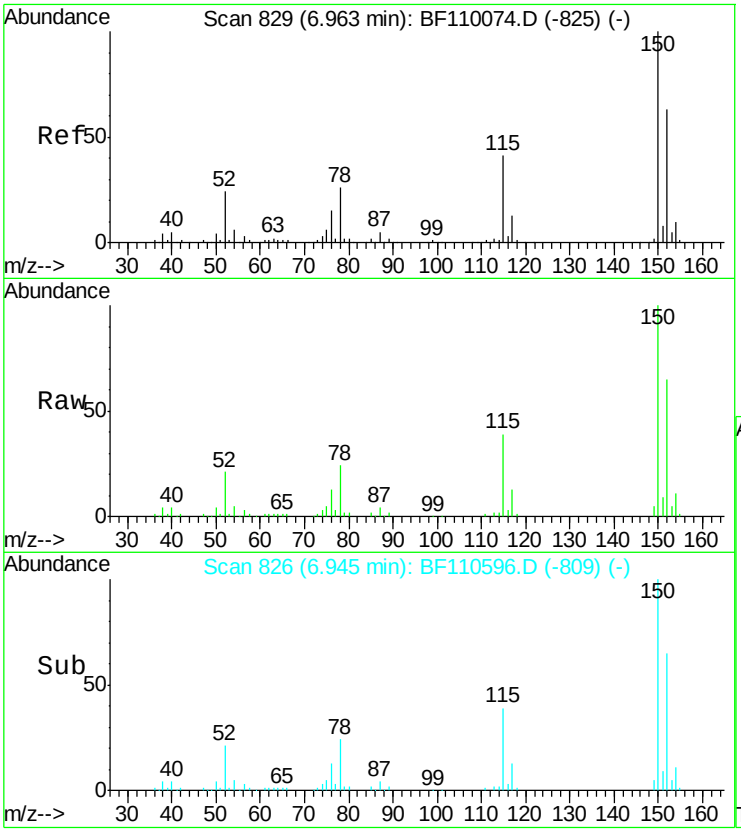


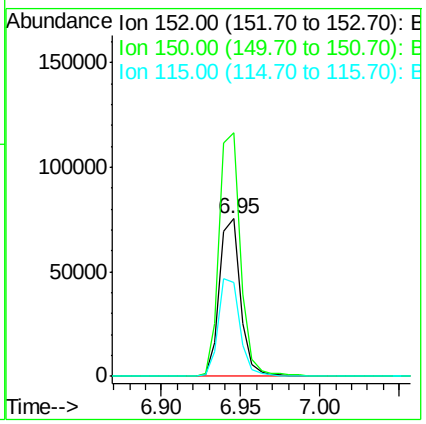


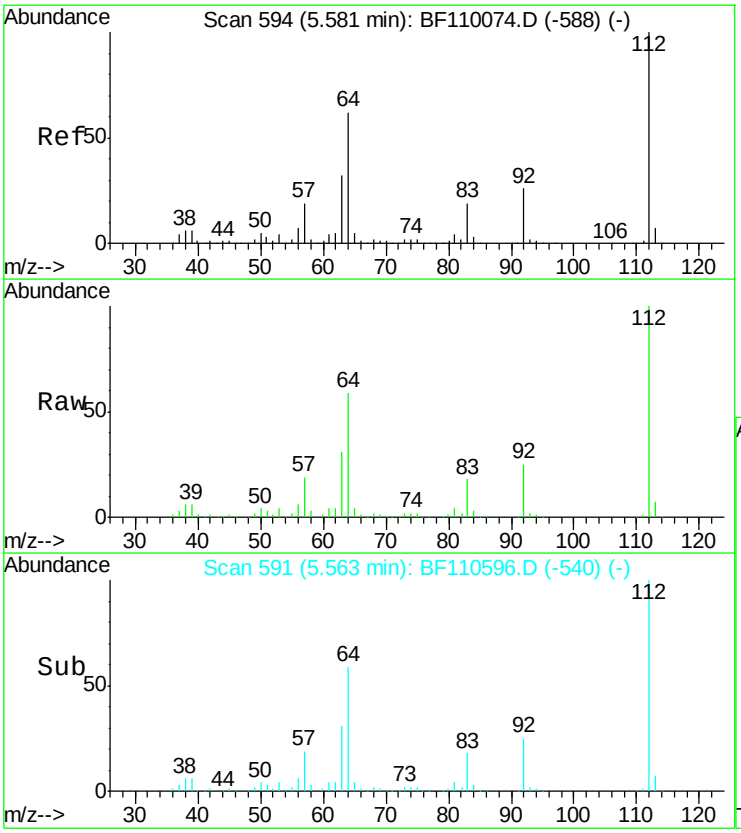
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110596.D
Acq: 8 Nov 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 69711

Ion	Ratio	Lower	Upper
152	100		
150	154.8	122.7	184.1
115	59.7	49.1	73.7

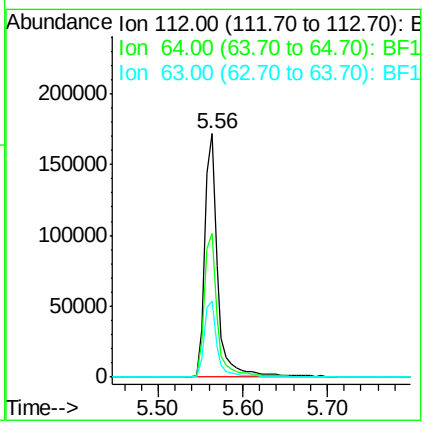


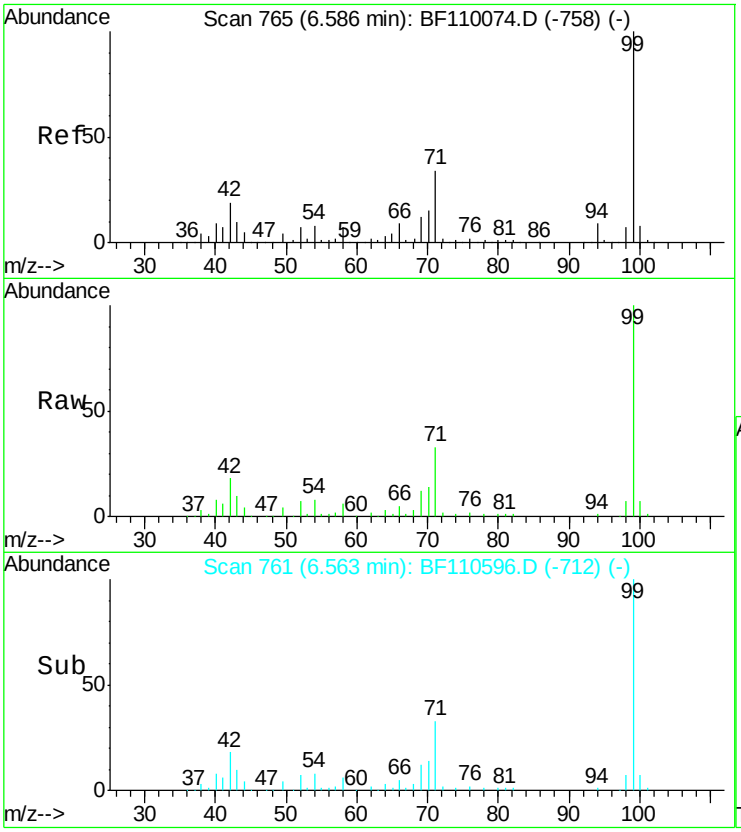


#5
2-Fluorophenol
Concen: 42.79 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110596.D
Acq: 8 Nov 2018 20:26

Tgt Ion:112 Resp: 183627

Ion	Ratio	Lower	Upper
112	100		
64	58.9	44.1	66.1
63	31.3	23.7	35.5



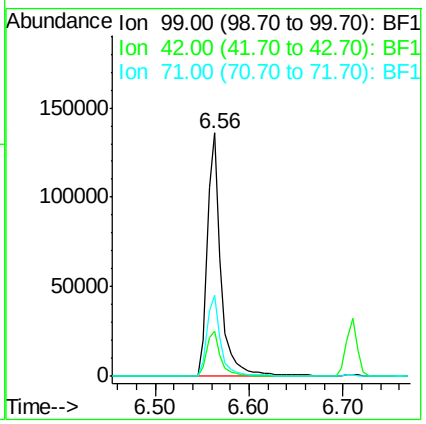


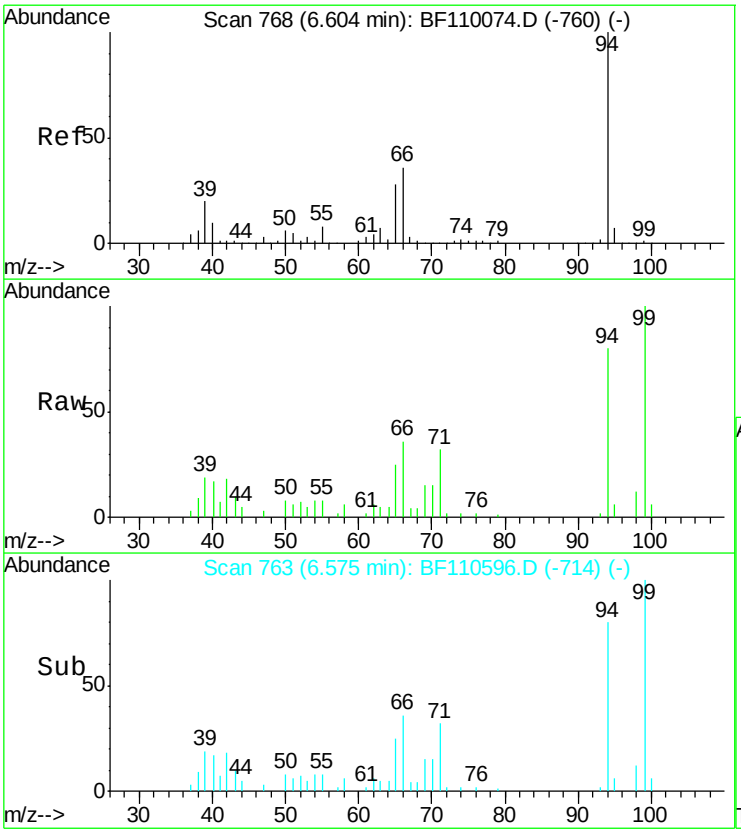
#7
Phenol-d6
Concen: 25.43 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110596.D
Acq: 8 Nov 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 139551

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.8	23.6
71	33.2	28.0	42.0

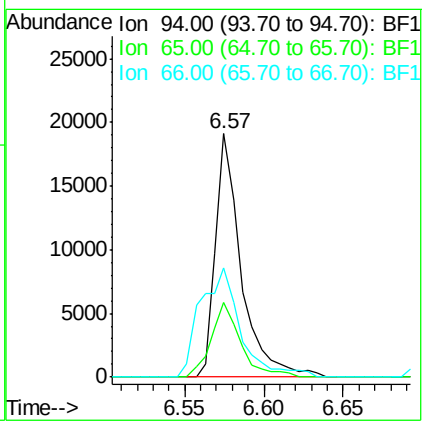


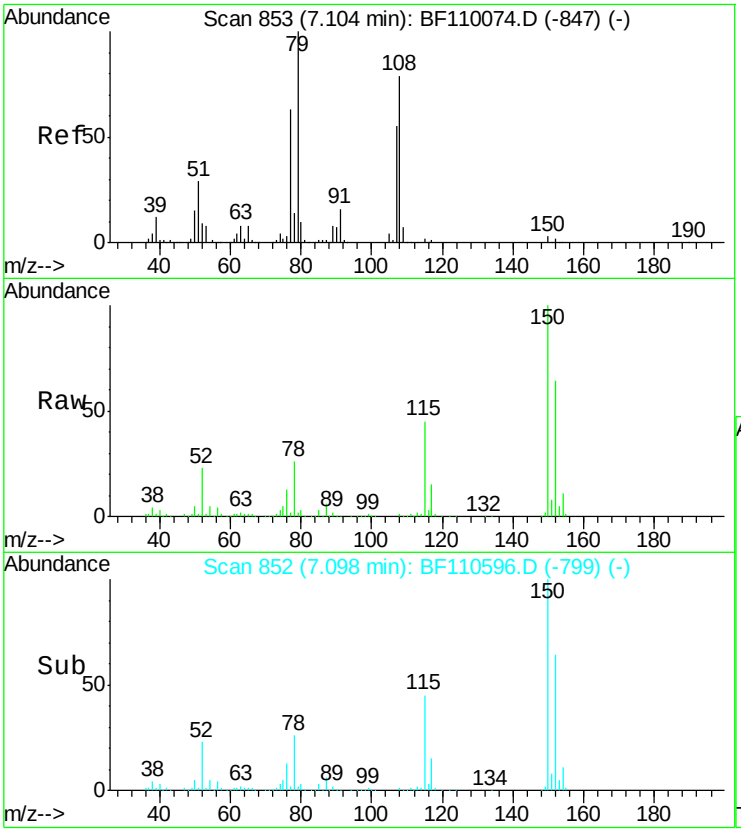


#10
Phenol
Concen: 3.38 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF110596.D
Acq: 8 Nov 2018 20:26

Tgt Ion: 94 Resp: 21503

Ion	Ratio	Lower	Upper
94	100		
65	30.7	25.3	65.3
66	44.9	54.5	94.5#



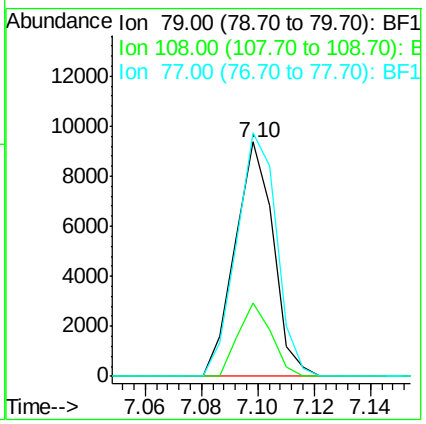


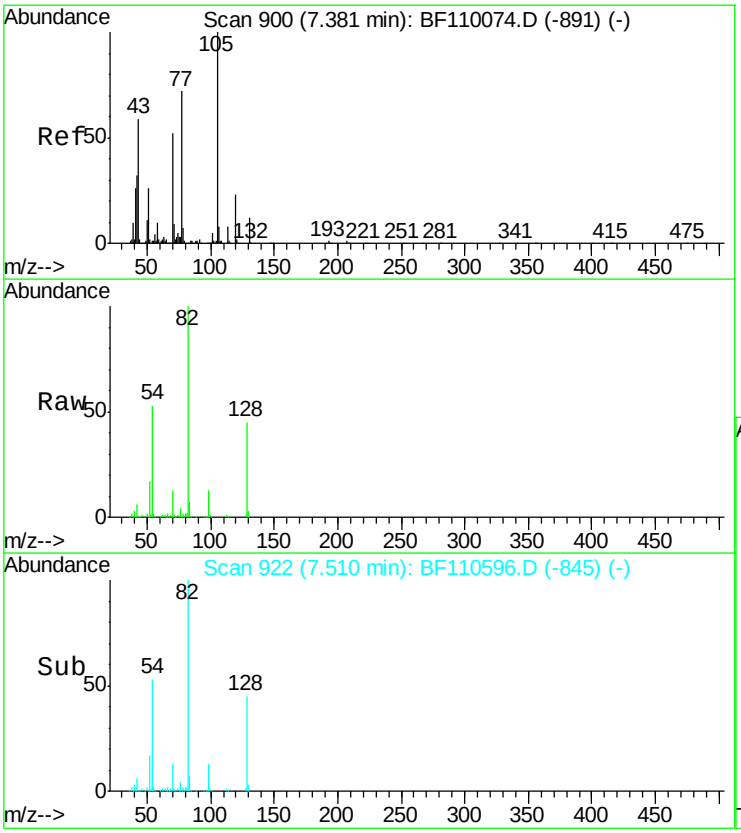
#15
Benzyl Alcohol
Concen: 2.05 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF110596.D
Acq: 8 Nov 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 8808

Ion	Ratio	Lower	Upper
79	100		
108	31.1	56.3	84.5#
77	103.9	52.9	79.3#

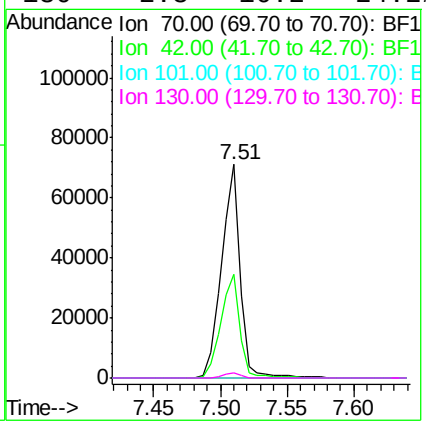


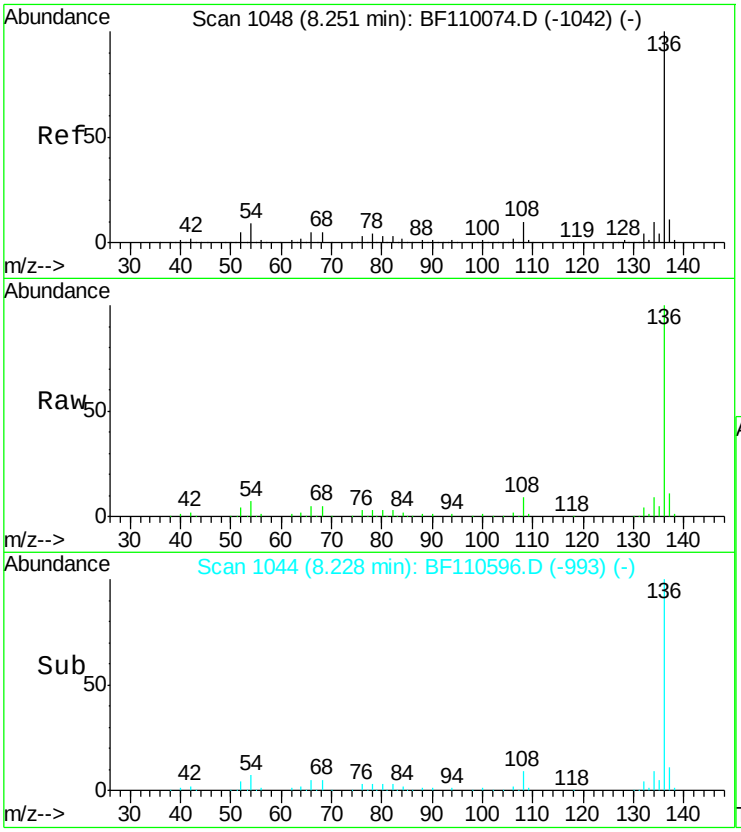


#19
n-Nitroso-di-n-propylamine
Concen: 20.12 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110596.D
Acq: 8 Nov 2018 20:26

Tgt Ion: 70 Resp: 70476

Ion	Ratio	Lower	Upper
70	100		
42	48.3	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#



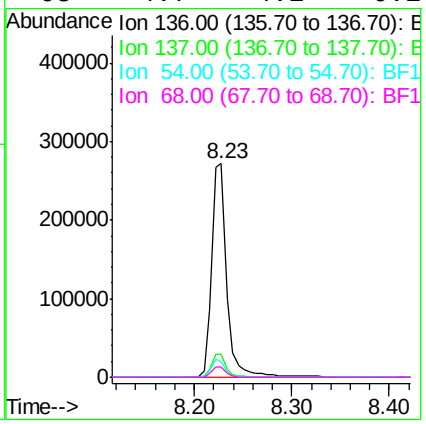


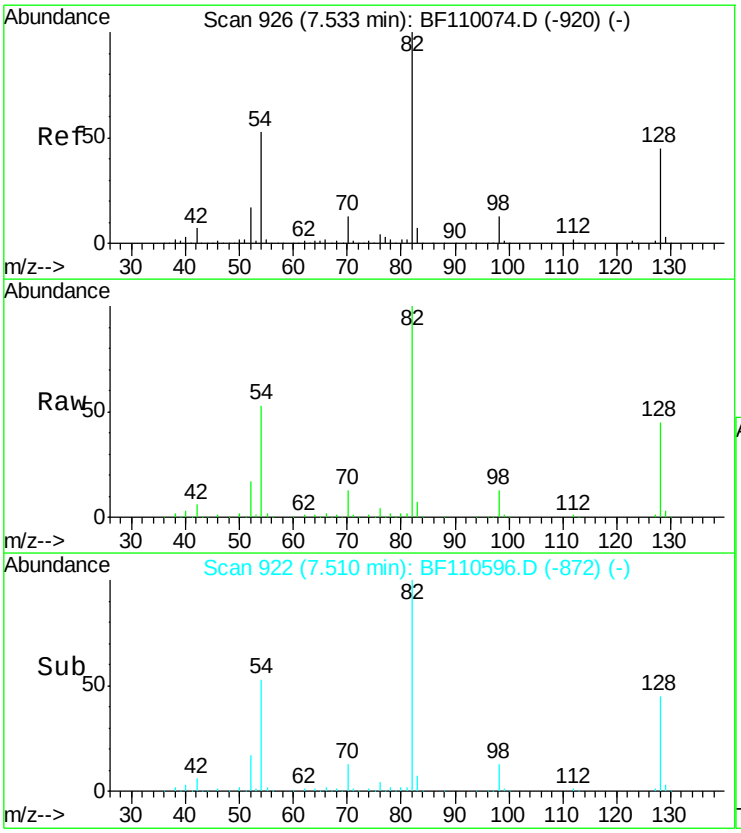
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110596.D
Acq: 8 Nov 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 290773

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.4	5.4	8.2
68	4.7	4.2	6.2

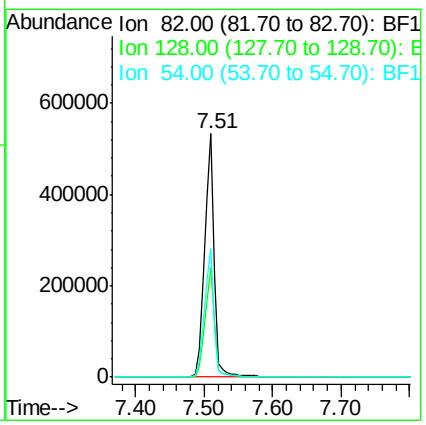


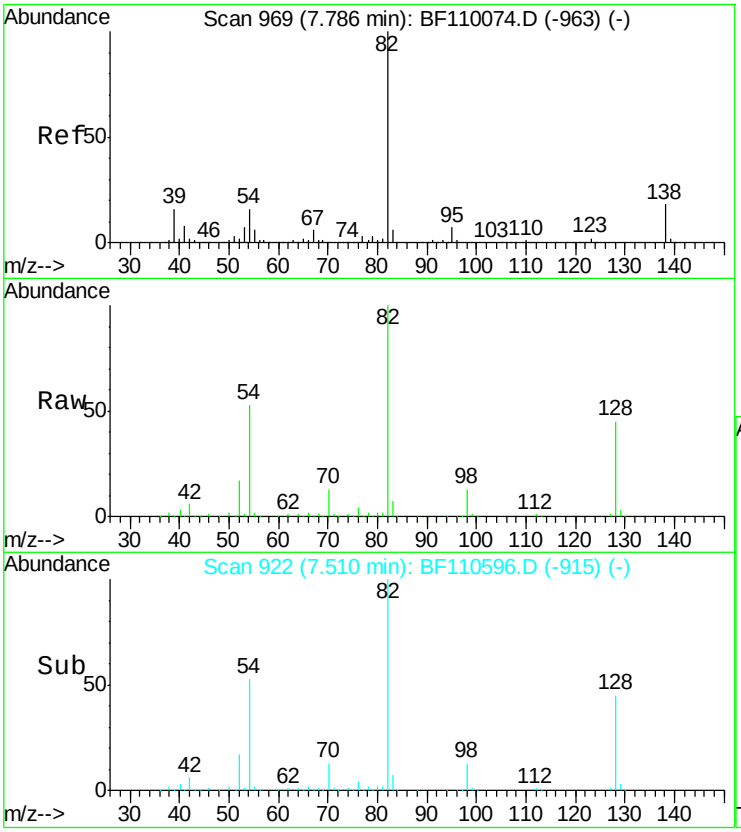


#23
Nitrobenzene-d5
Concen: 106.47 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110596.D
Acq: 8 Nov 2018 20:26

Tgt Ion: 82 Resp: 537598

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.2	51.2
54	52.5	38.6	58.0



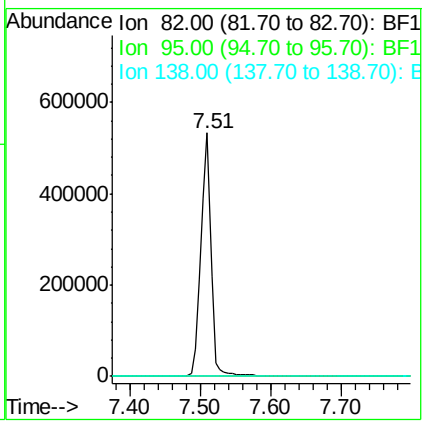


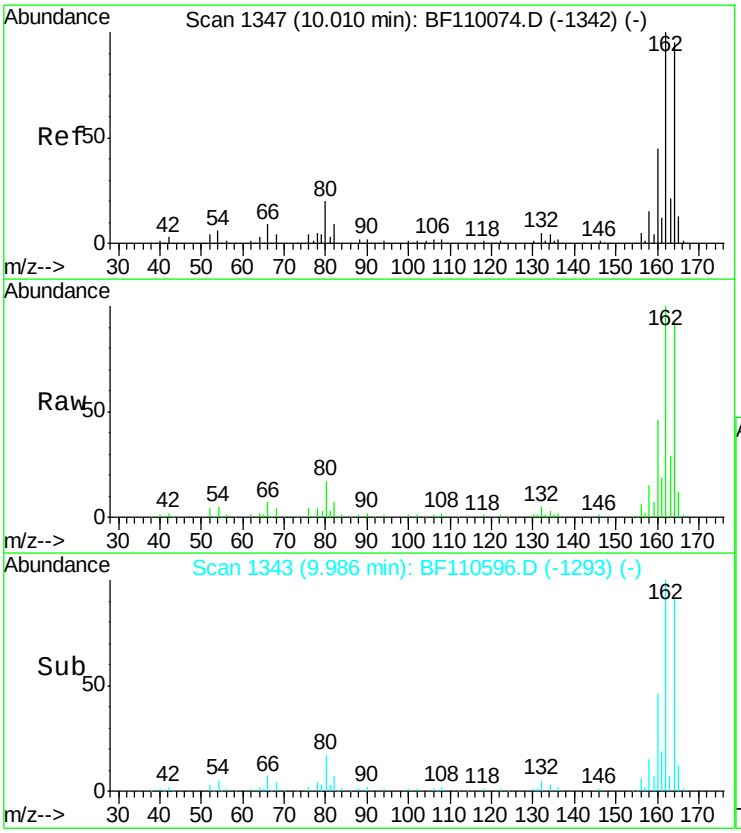
#25
Isophorone
Concen: 64.96 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110596.D
Acq: 8 Nov 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 537595

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

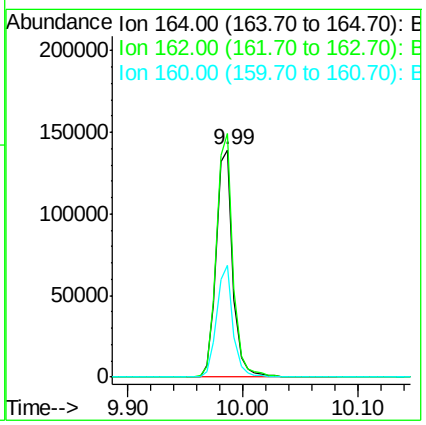


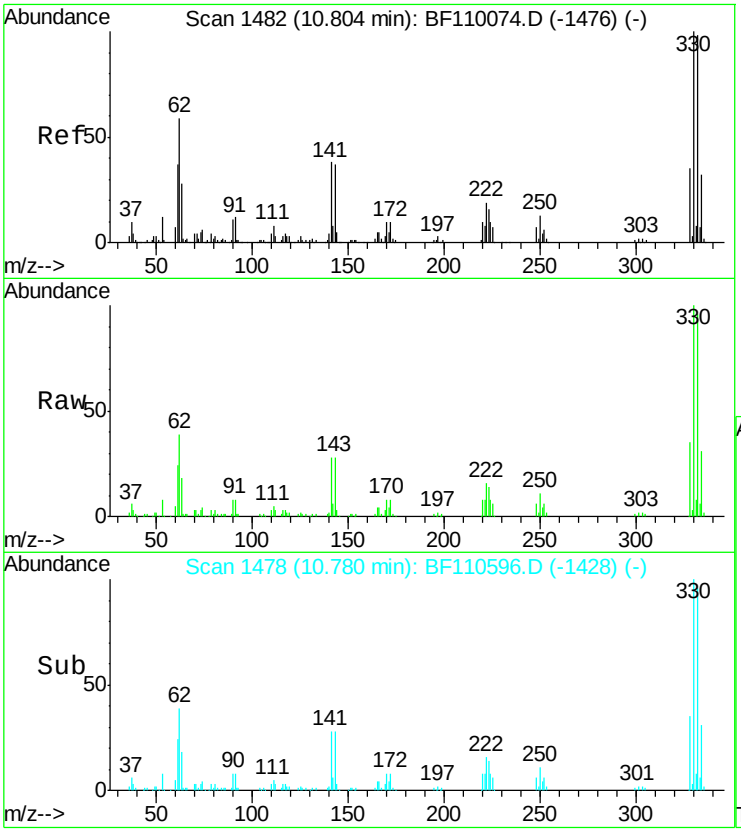


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110596.D
Acq: 8 Nov 2018 20:26

Tgt Ion:164 Resp: 139764

Ion	Ratio	Lower	Upper
164	100		
162	107.0	83.0	124.6
160	49.3	37.0	55.6



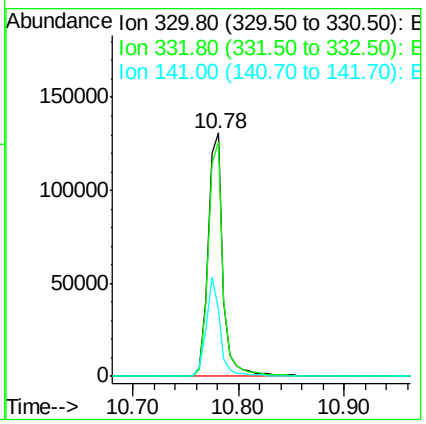


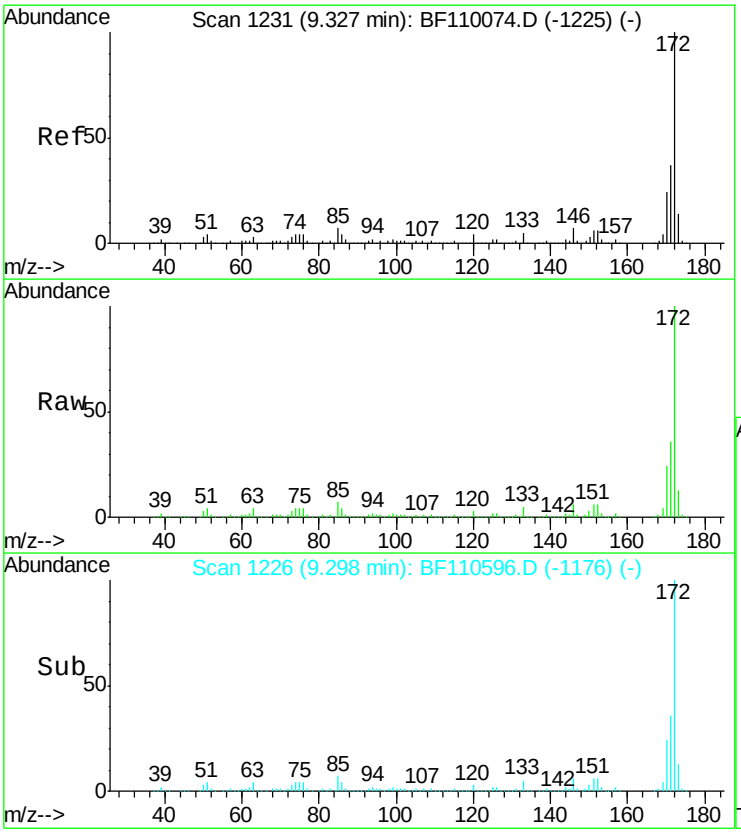
#42
2,4,6-Tribromophenol
Concen: 92.76 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110596.D
Acq: 8 Nov 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 130636

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	37.3	27.0	40.4

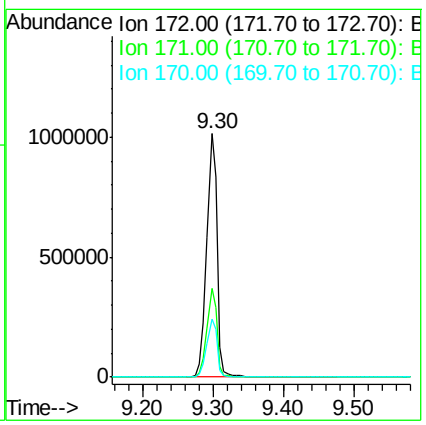


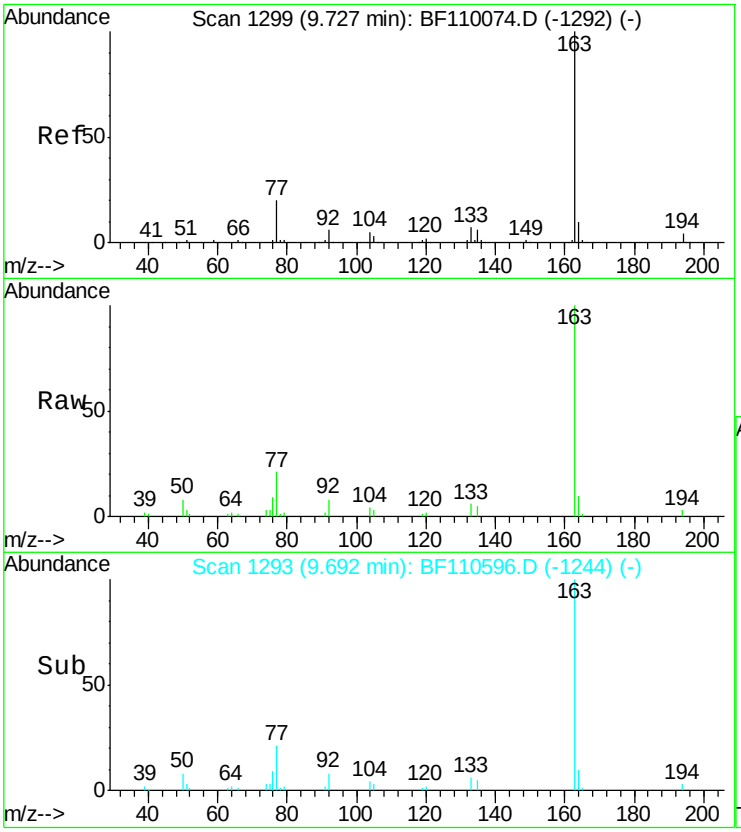


#45
2-Fluorobiphenyl
Concen: 105.63 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110596.D
Acq: 8 Nov 2018 20:26

Tgt Ion:172 Resp: 1033752

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	23.9	19.7	29.5



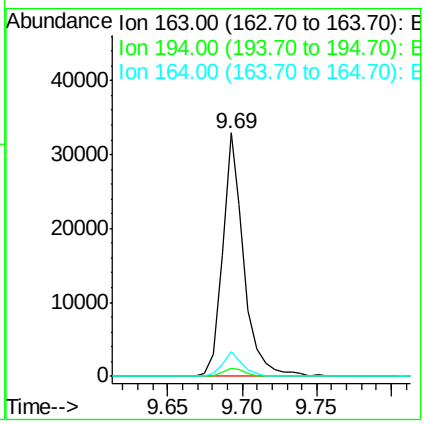


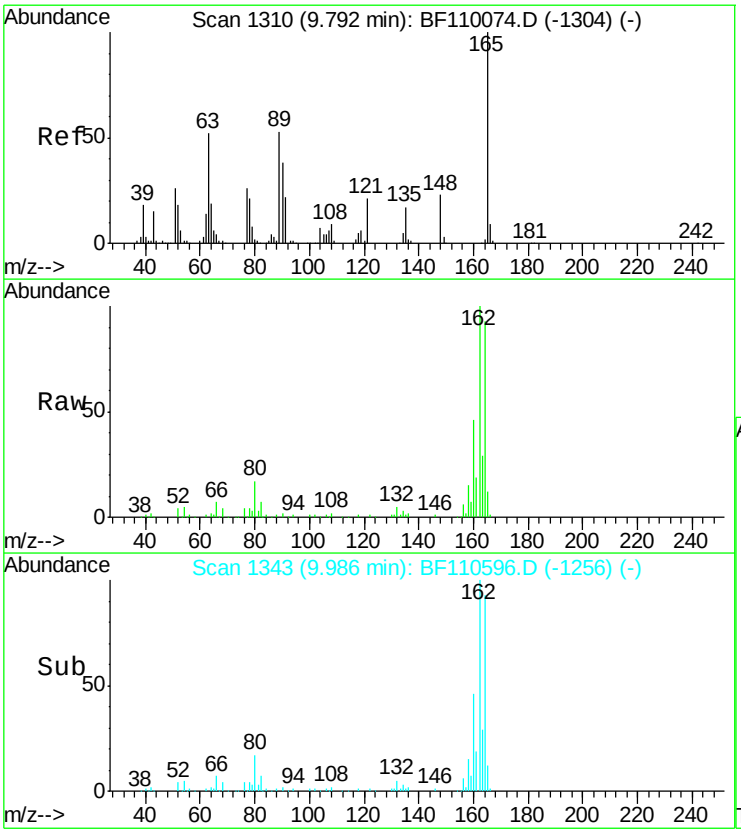
#50
Dimethylphthalate
Concen: 3.15 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110596.D
Acq: 8 Nov 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 32894

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	10.1	8.1	12.1

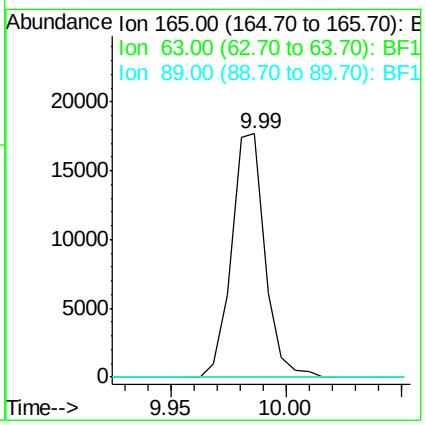


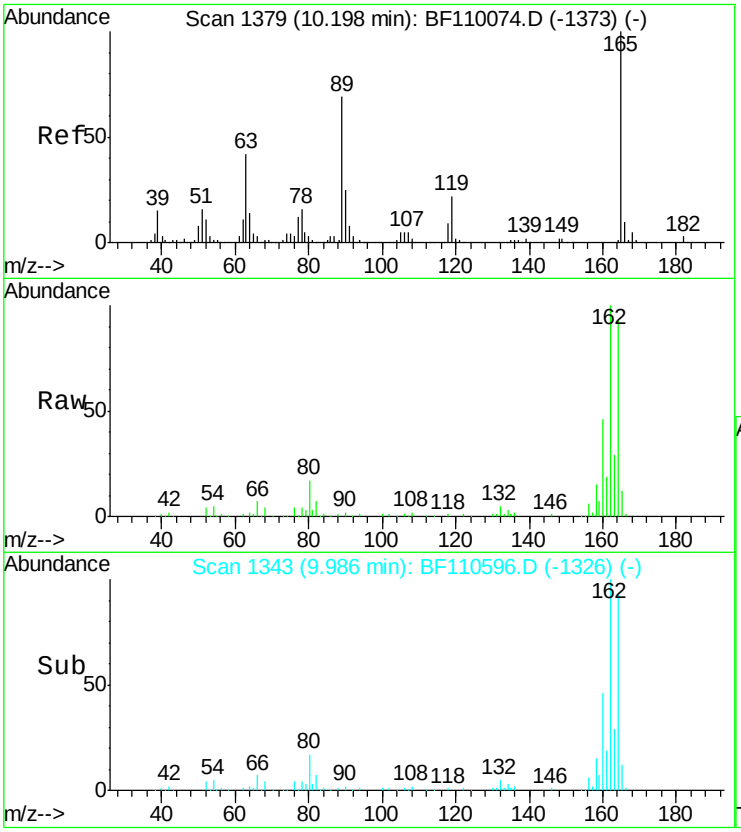


#51
2,6-Dinitrotoluene
Concen: 7.75 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110596.D
Acq: 8 Nov 2018 20:26

Tgt Ion:165 Resp: 17790

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



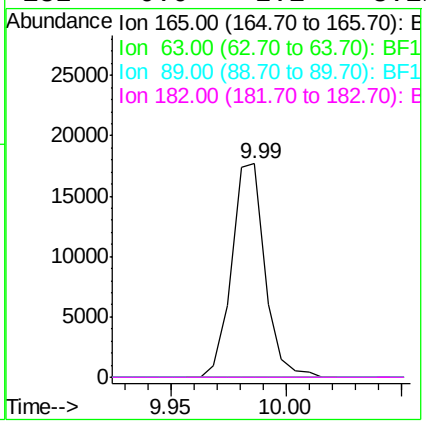


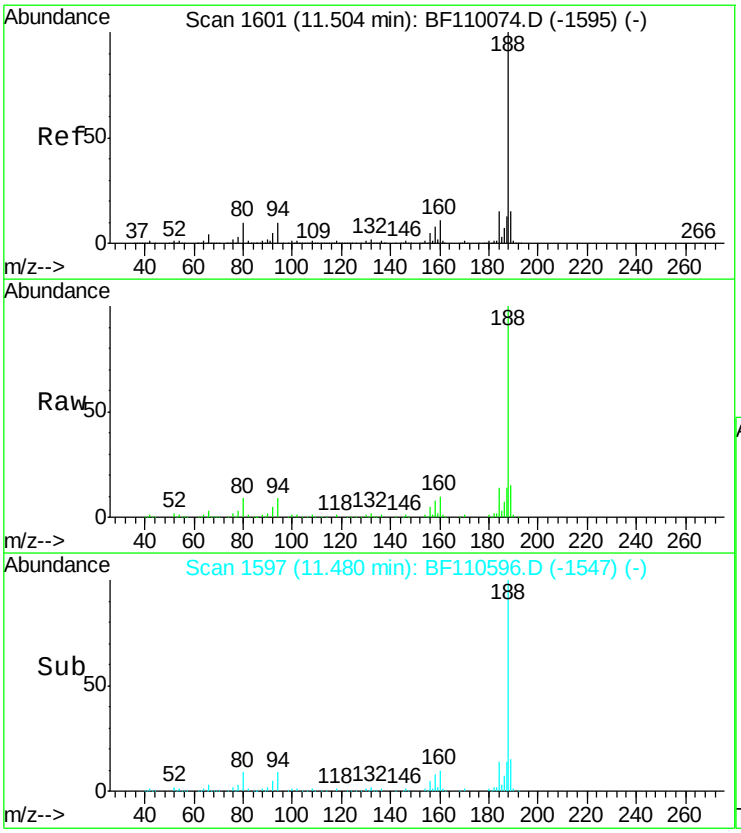
#57
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110596.D
Acq: 8 Nov 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 17790

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#

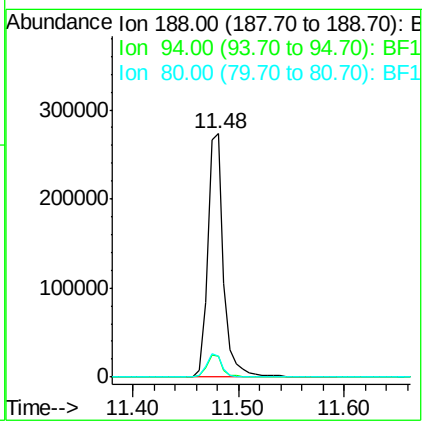


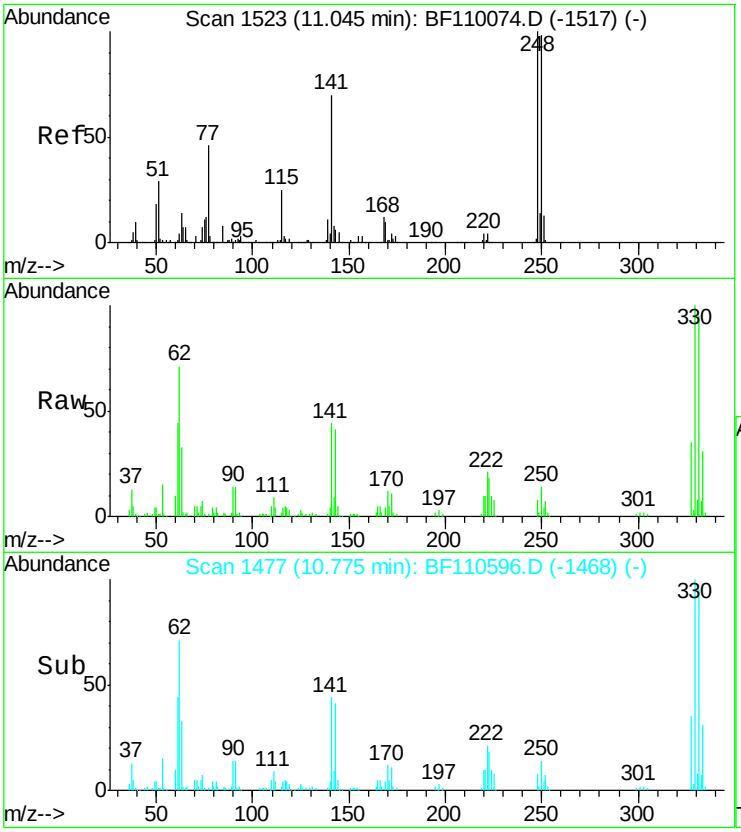


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110596.D
Acq: 8 Nov 2018 20:26

Tgt Ion:188 Resp: 285687

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	8.7	7.9	11.9



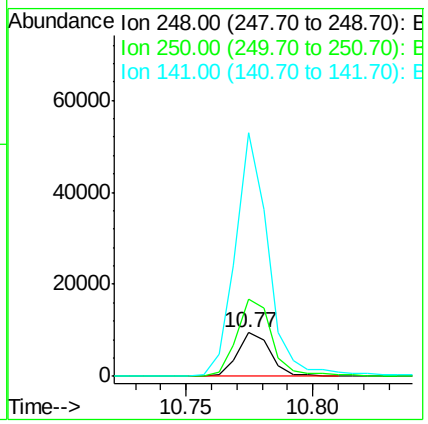


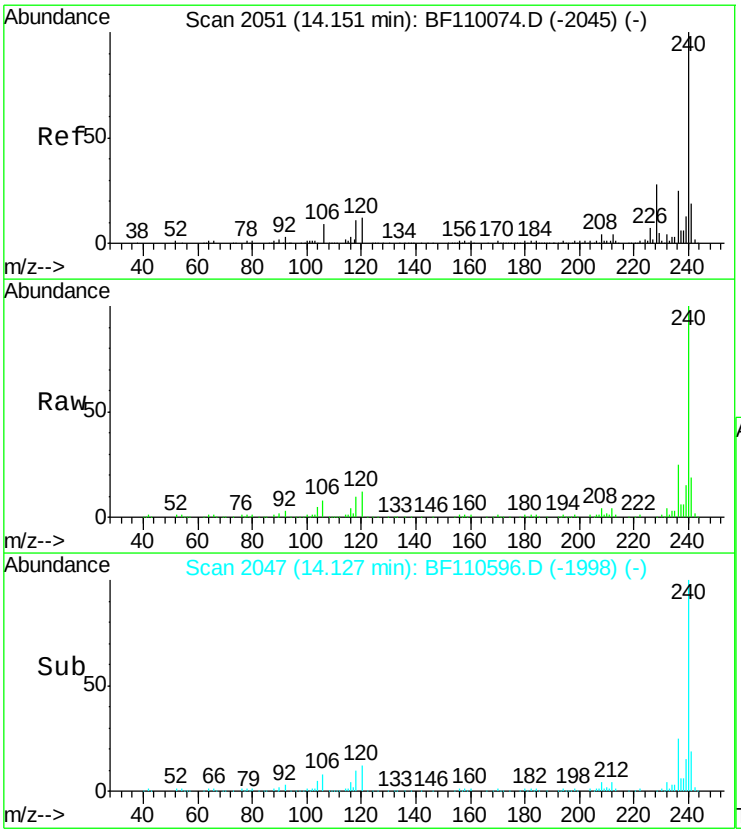
#67
4-Bromophenyl-phenylether
Concen: 2.70 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110596.D
Acq: 8 Nov 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8510

Ion	Ratio	Lower	Upper
248	100		
250	177.7	79.4	119.2#
141	561.5	55.9	83.9#

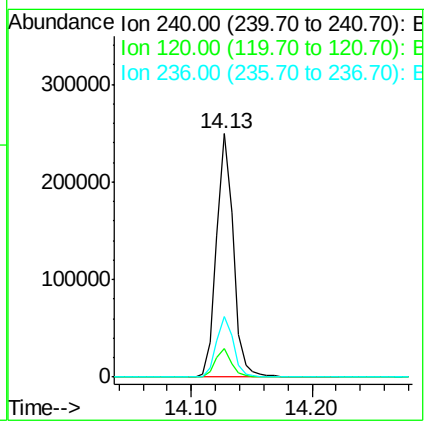


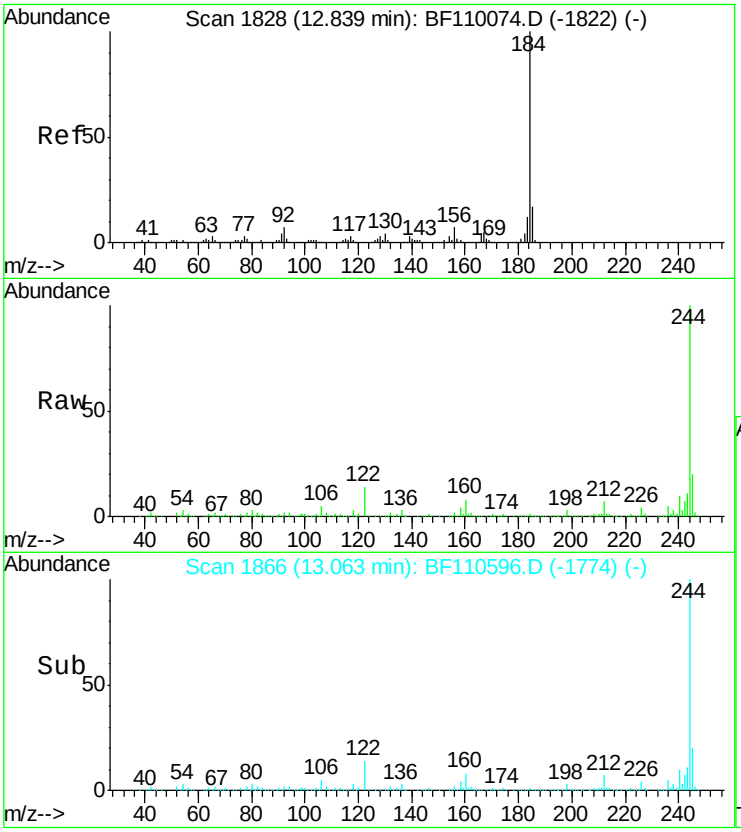


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110596.D
Acq: 8 Nov 2018 20:26

Tgt Ion:240 Resp: 237272

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.3	12.5
236	25.1	21.2	31.8



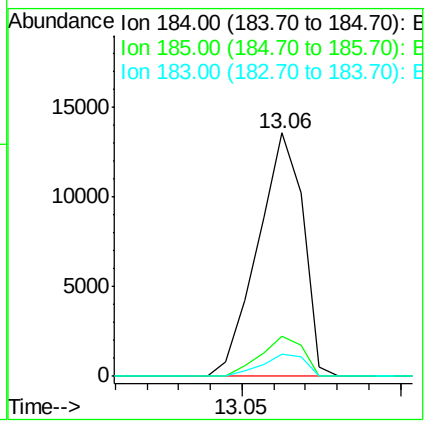


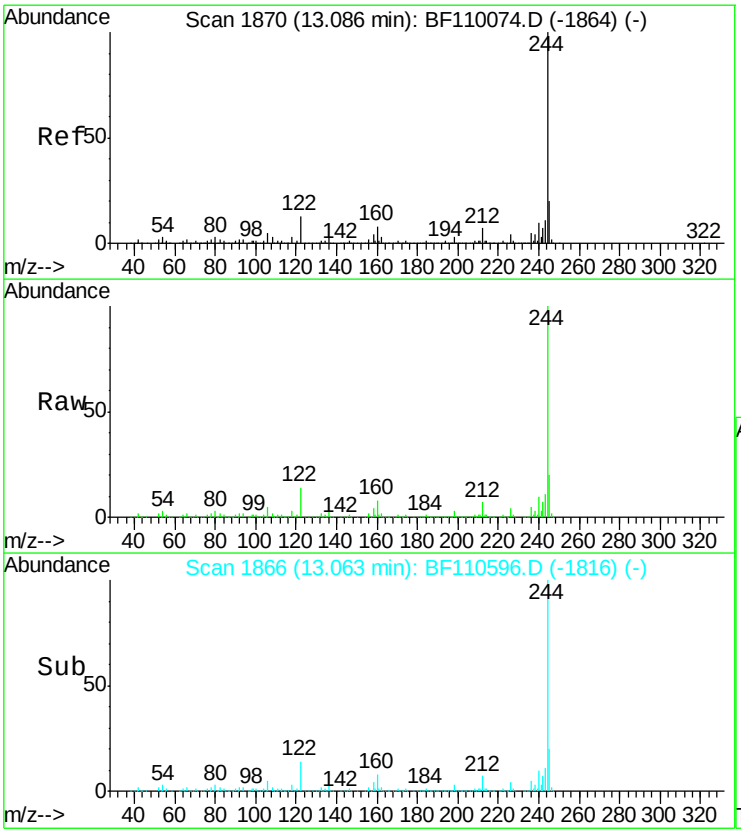
#77
Benzidine
Concen: 2.07 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.24 min
Lab File: BF110596.D
Acq: 8 Nov 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 13521

Ion	Ratio	Lower	Upper
184	100		
185	16.7	13.4	20.2
183	9.1	9.4	14.2#

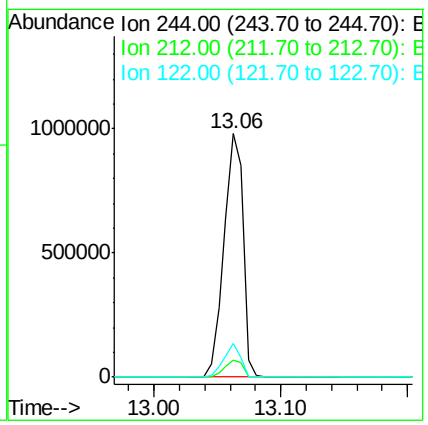


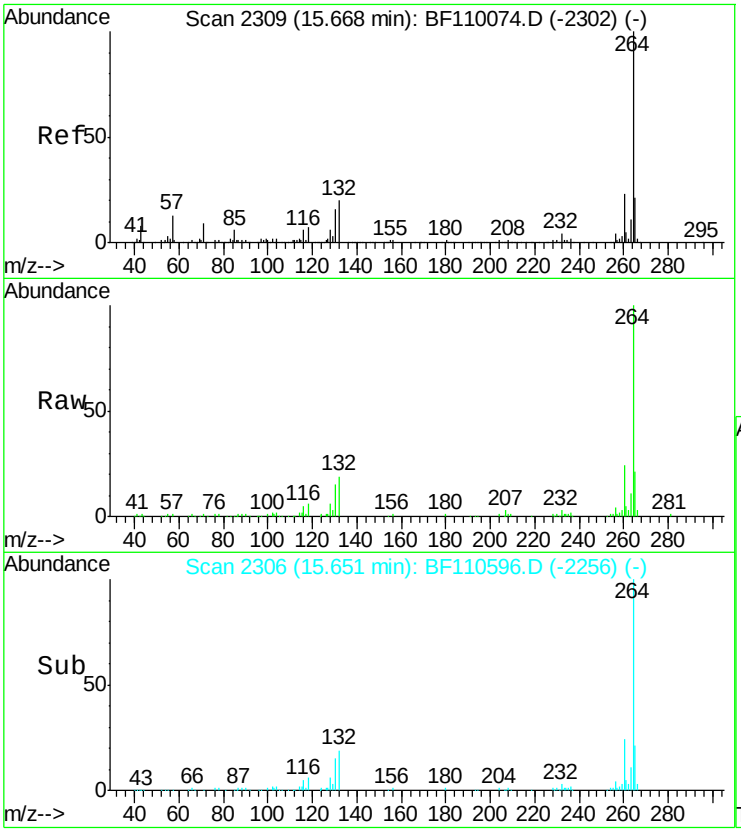


#79
Terphenyl-d14
Concen: 80.63 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110596.D
Acq: 8 Nov 2018 20:26

Tgt Ion:244 Resp: 1021557

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	13.8	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: BF110596.D
Acq: 8 Nov 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 154537

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.0	16.7	25.1