Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
Data File : BF111046.D
Acq On : 28 Nov 2018 15:34
Operator : JU/SJ
Sample : J6083-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 28 17:17:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	63359	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	264743	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	124147	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	219765	20.00	ng	0.00
76) Chrysene-d12	14.13	240	128266	20.00	ng	0.00
87) Perylene-d12	15.67	264	125864	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	516832	135.27	ng	0.01
7) Phenol-d6	6.57	99	674663	135.50	ng	0.00
23) Nitrobenzene-d5	7.50	82	443395	95.85	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	154204	125.07	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	732785	85.51	ng	0.00
79) Terphenyl-d14	13.05	244	542938	82.40	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	1242	Below Cal	#	1
10) Phenol	6.58	94	39448	7.035	ng	# 77
19) n-Nitroso-di-n-propylamine	7.50	70	58136	17.925	ng	# 79
25) Isophorone	7.50	82	443395	58.433	ng	# 67
50) Dimethylphthalate	9.69	163	43480	4.775	ng	99
51) 2,6-Dinitrotoluene	9.97	165	15688	7.740	ng	# 21
57) 2,4-Dinitrotoluene	9.97	165	15688	5.965	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	9777	4.085	ng	# 1
77) Benzidine	13.05	184	7144	2.178	ng	# 94

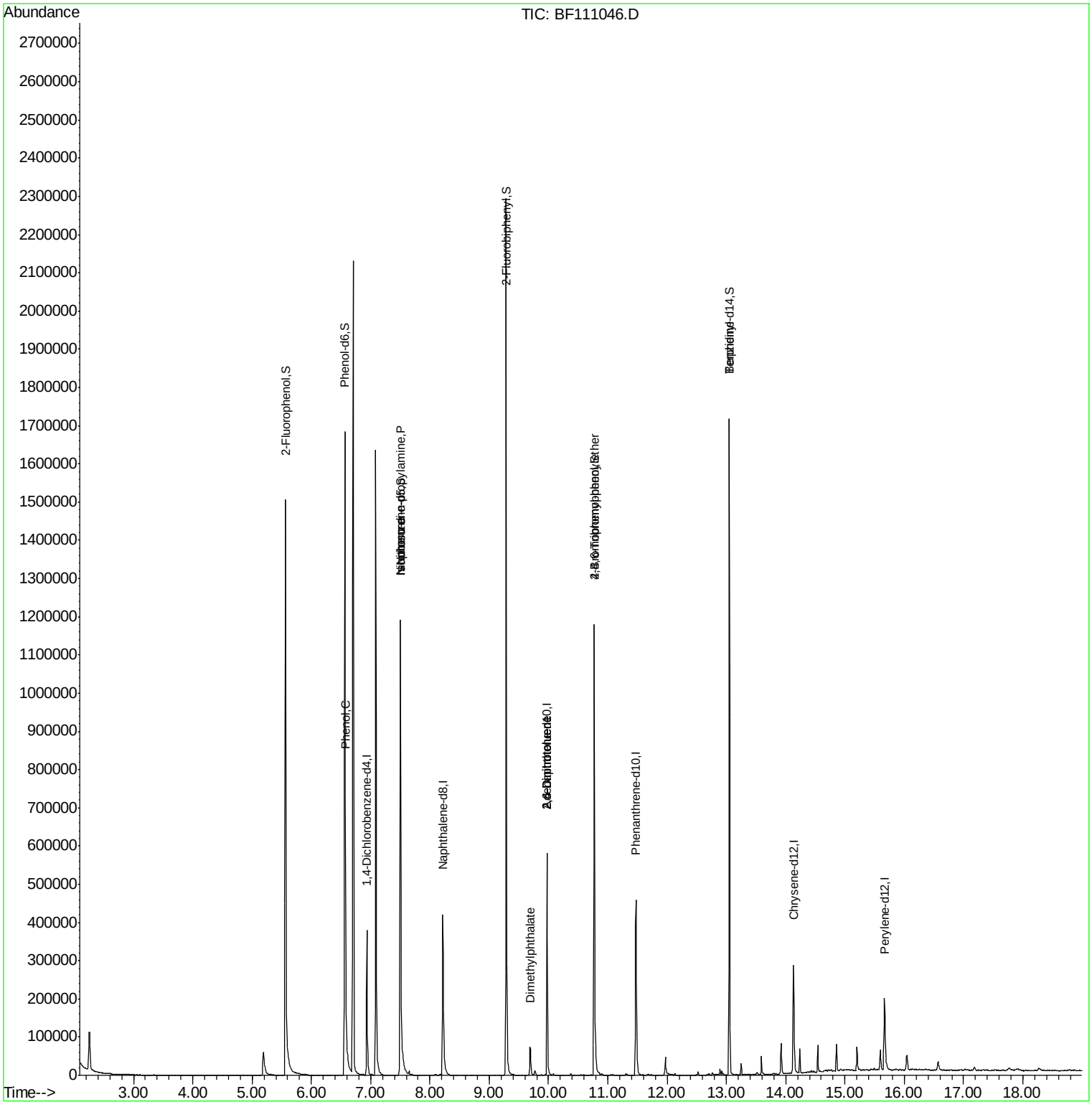
(#) = qualifier out of range (m) = manual integration (+) = signals summed

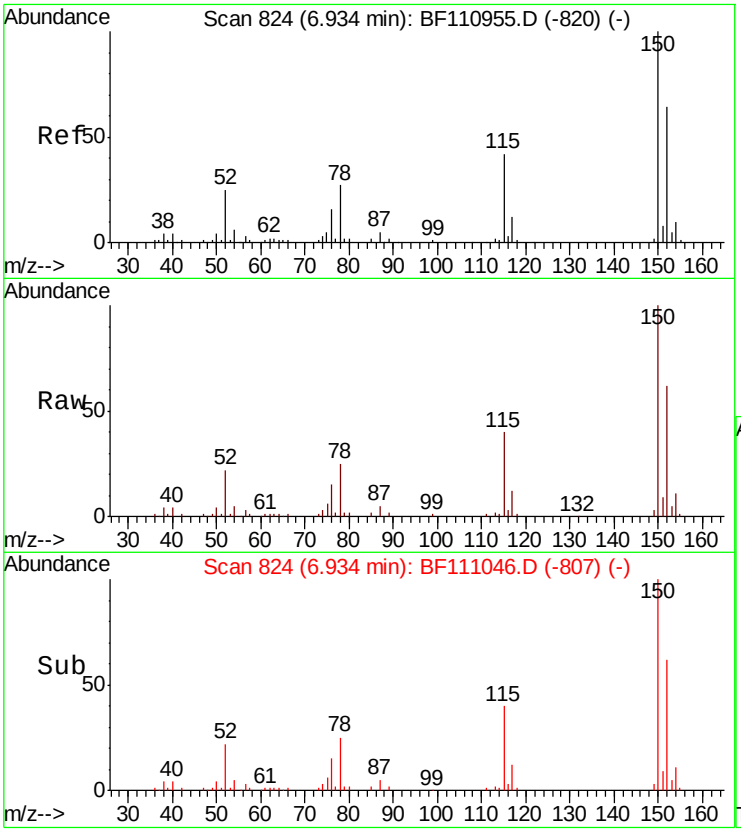
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
Data File : BF111046.D
Acq On : 28 Nov 2018 15:34
Operator : JU/SJ
Sample : J6083-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 28 17:17:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration



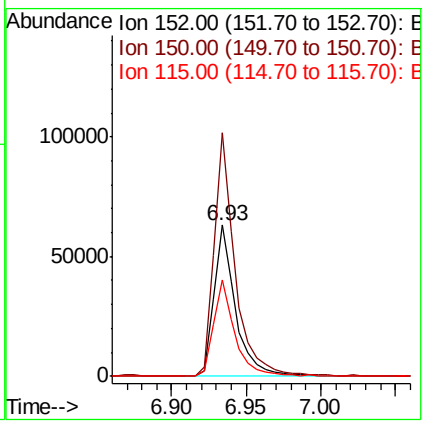


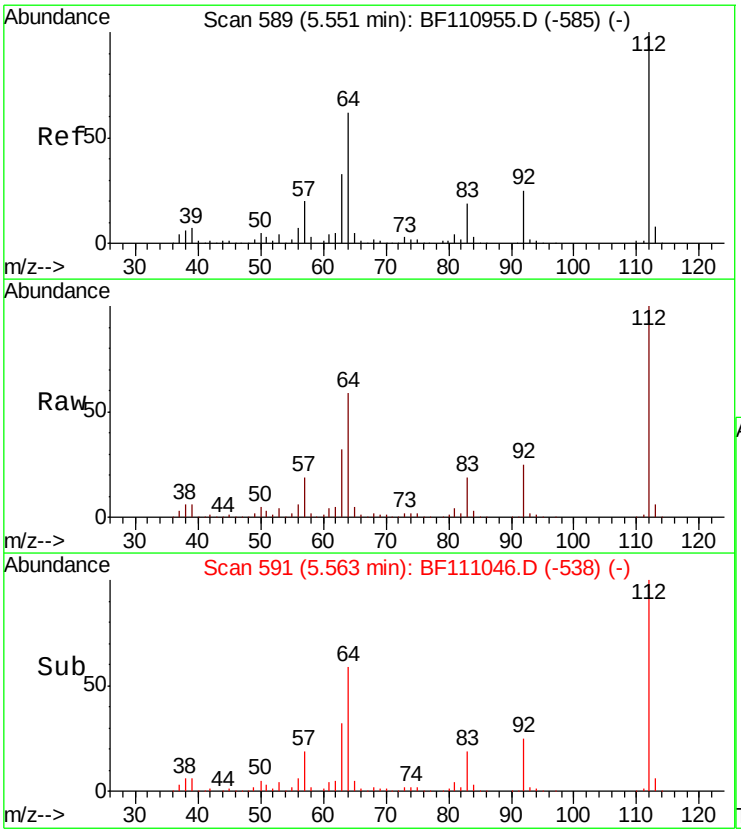
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF111046.D
Acq: 28 Nov 2018 15:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 63359

Ion	Ratio	Lower	Upper
152	100		
150	161.1	122.7	184.1
115	63.7	49.1	73.7

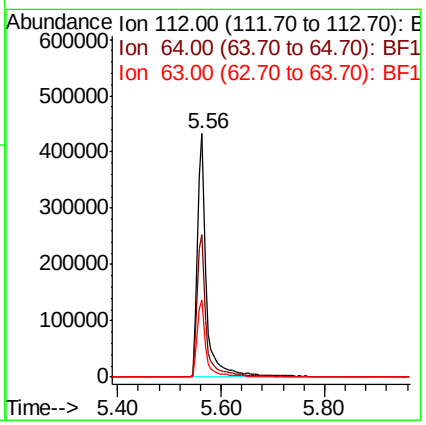


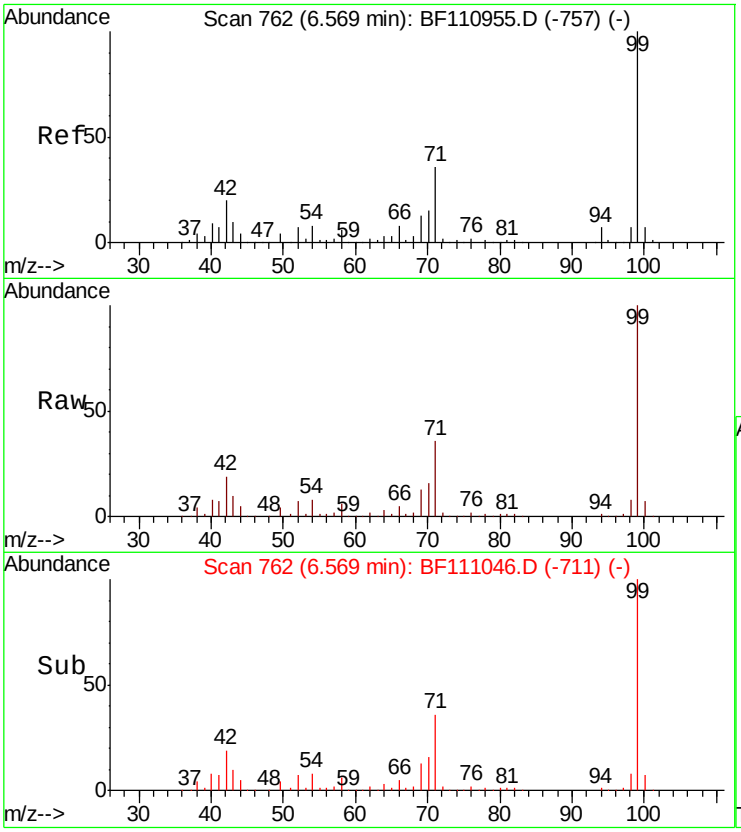


#5
2-Fluorophenol
Concen: 135.272 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111046.D
Acq: 28 Nov 2018 15:34

Tgt Ion:112 Resp: 516832

Ion	Ratio	Lower	Upper
112	100		
64	58.7	44.1	66.1
63	31.8	23.7	35.5



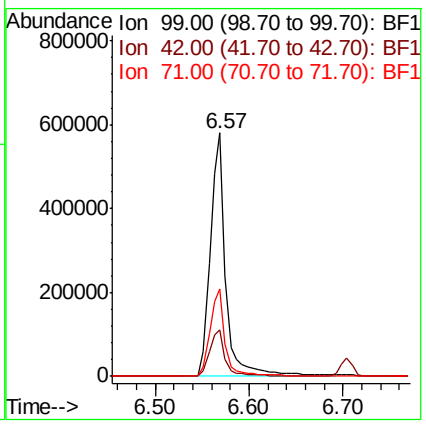


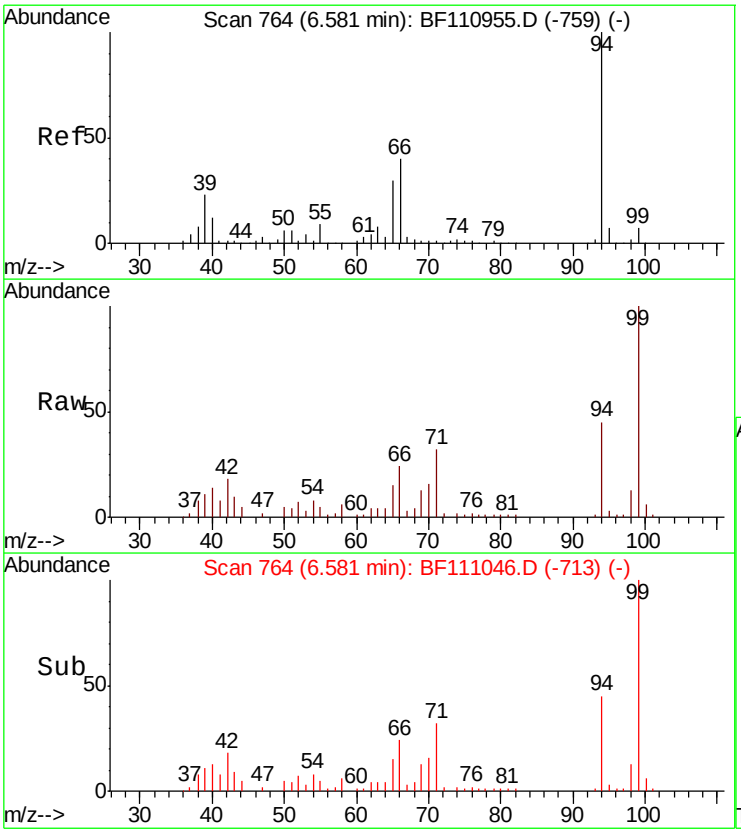
#7
Phenol-d6
Concen: 135.502 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF111046.D
Acq: 28 Nov 2018 15:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 674663

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.8	23.6
71	36.1	28.0	42.0

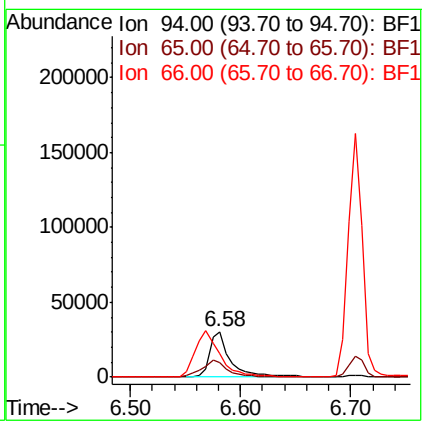


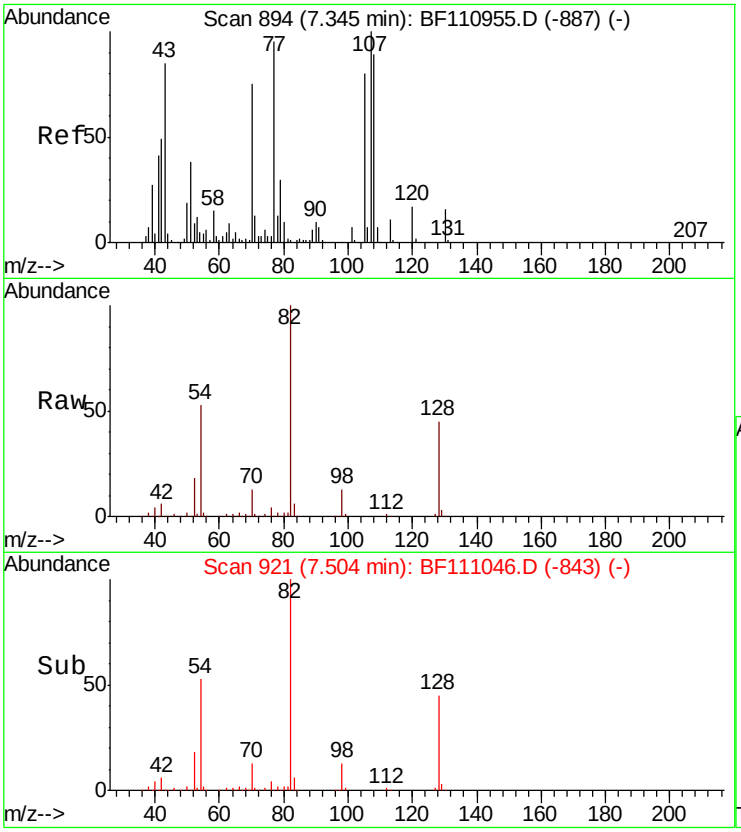


#10
Phenol
Concen: 7.035 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF111046.D
Acq: 28 Nov 2018 15:34

Tgt Ion: 94 Resp: 39448

Ion	Ratio	Lower	Upper
94	100		
65	33.3	25.3	65.3
66	52.6	54.5	94.5#



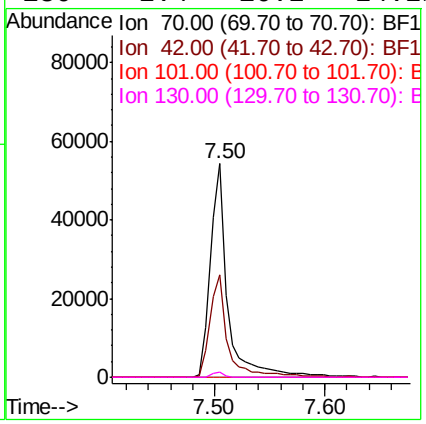


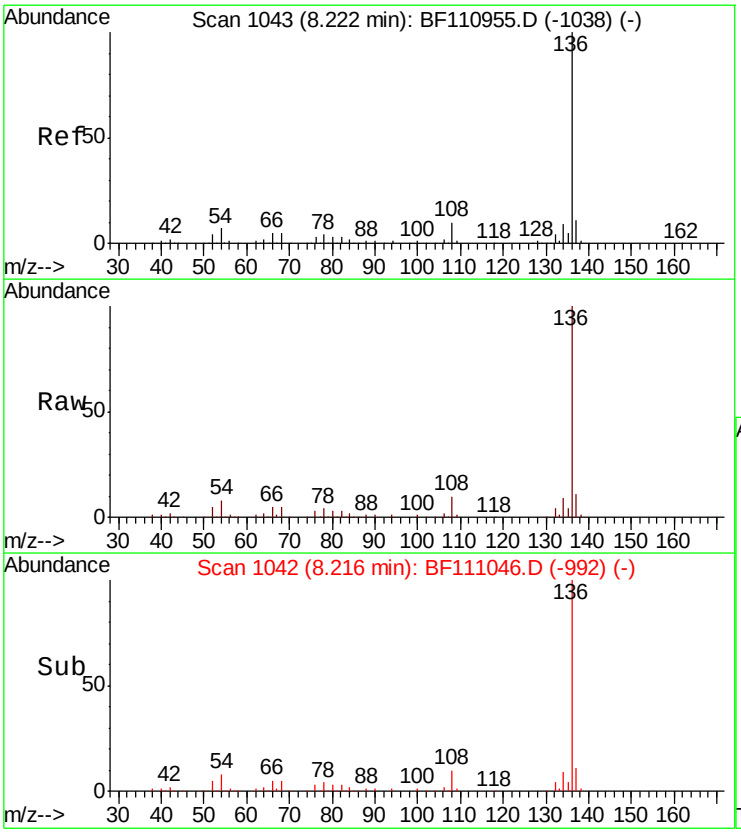
#19
n-Nitroso-di-n-propylamine
Concen: 17.925 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.16 min
Lab File: BF111046.D
Acq: 28 Nov 2018 15:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 58136

Ion	Ratio	Lower	Upper
70	100		
42	48.1	47.4	71.2
101	0.0	7.3	10.9#
130	2.4	16.2	24.2#

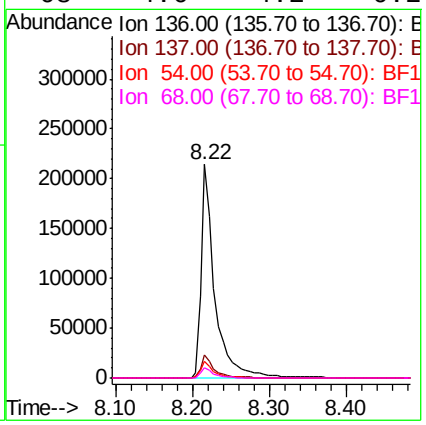


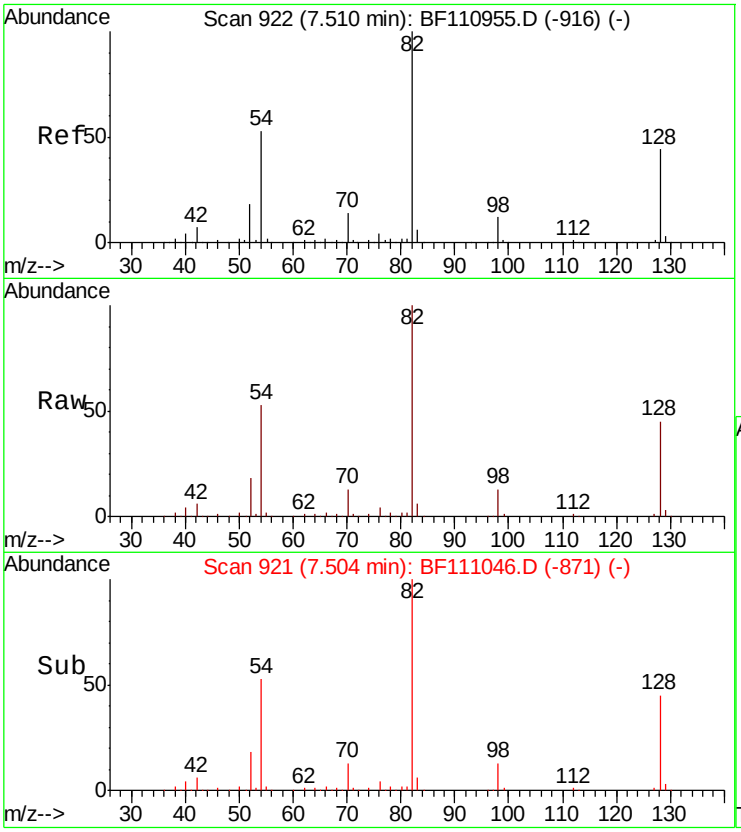


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111046.D
Acq: 28 Nov 2018 15:34

Tgt Ion:136 Resp: 264743

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.0	5.4	8.2
68	4.6	4.2	6.2



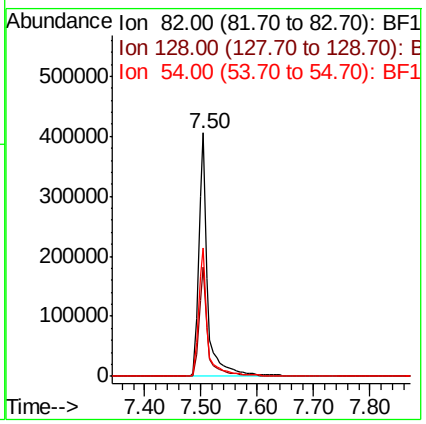


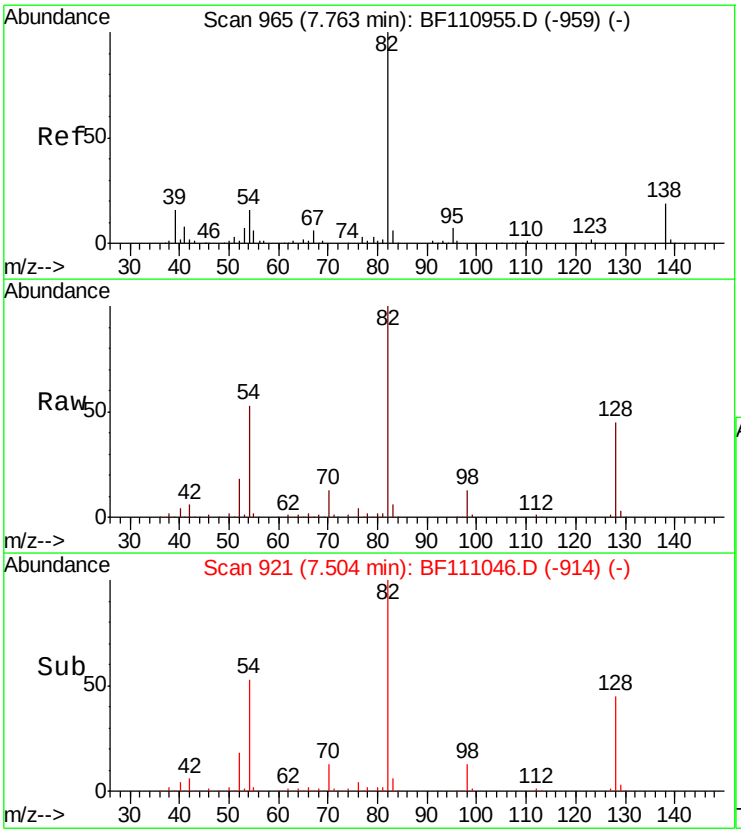
#23
Nitrobenzene-d5
Concen: 95.851 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111046.D
Acq: 28 Nov 2018 15:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 443395

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.2	51.2
54	52.9	38.6	58.0

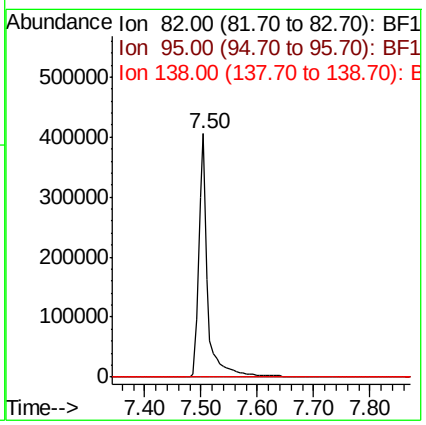


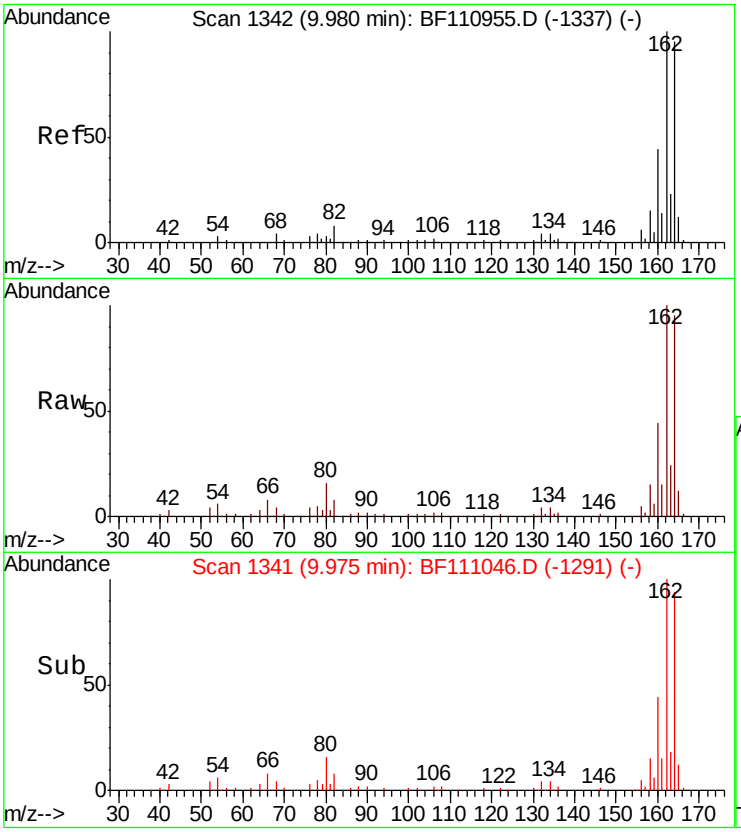


#25
Isophorone
Concen: 58.433 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF111046.D
Acq: 28 Nov 2018 15:34

Tgt Ion: 82 Resp: 443395

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



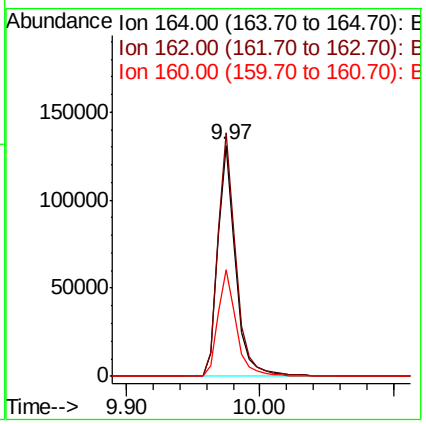


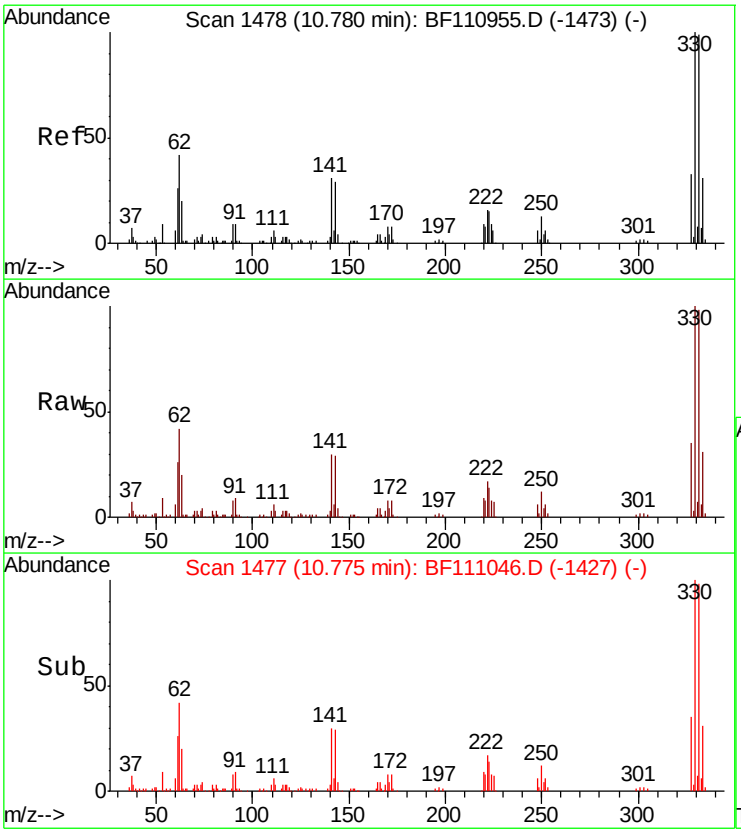
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF111046.D
Acq: 28 Nov 2018 15:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 124147

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.0	124.6
160	45.9	37.0	55.6

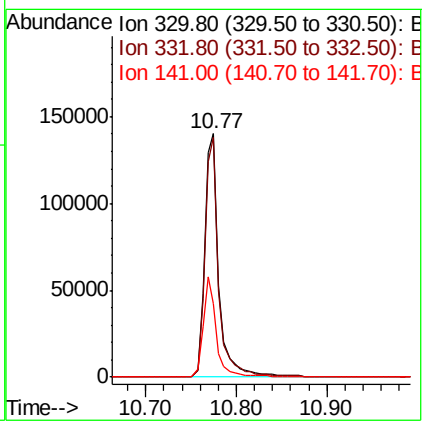


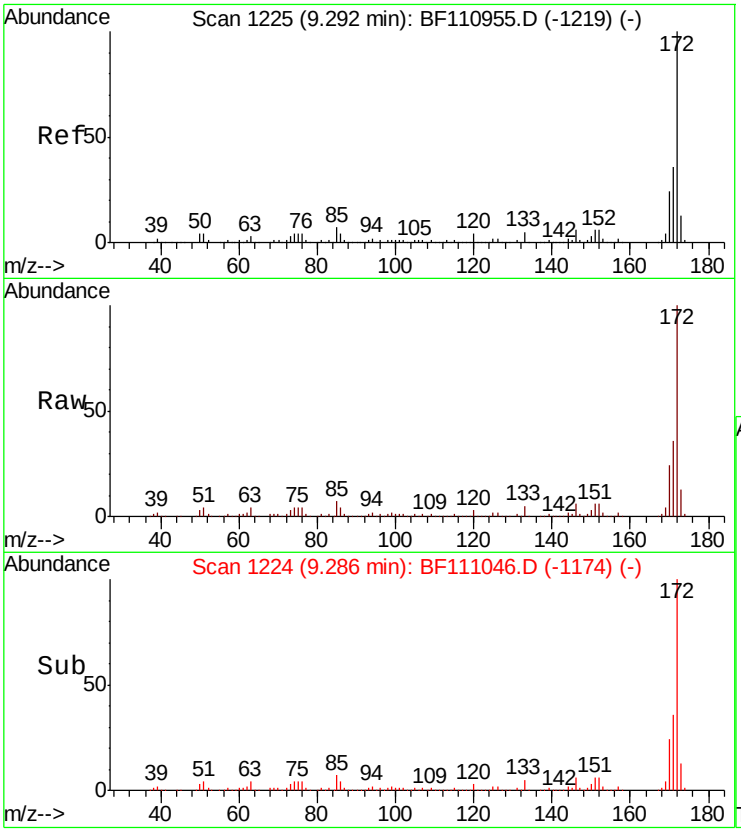


#42
2,4,6-Tribromophenol
Concen: 125.069 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF111046.D
Acq: 28 Nov 2018 15:34

Tgt Ion:330 Resp: 154204

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	38.1	27.0	40.4

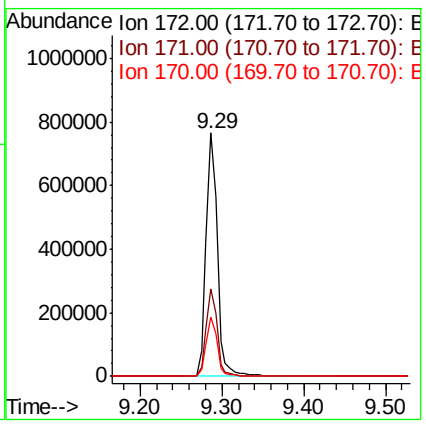




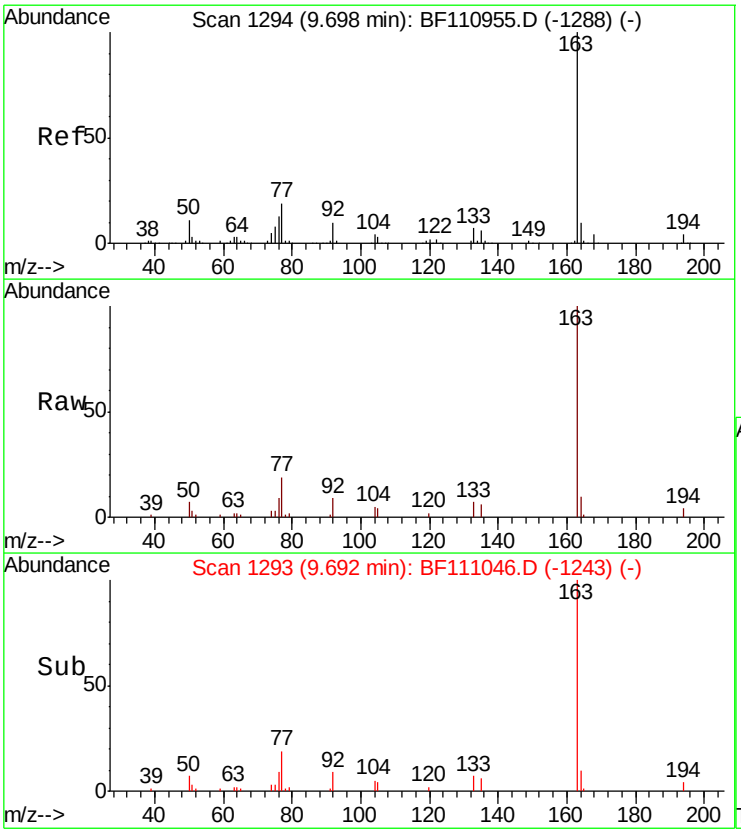
#45
2-Fluorobiphenyl
Concen: 85.515 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111046.D
Acq: 28 Nov 2018 15:34

Tgt Ion:172 Resp: 732785

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.1	19.7	29.5



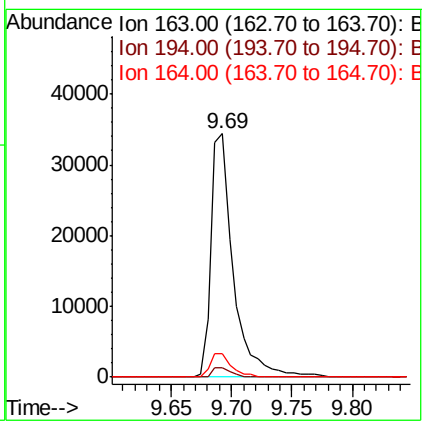
Instrument :
BNA_F
ClientSampleId :

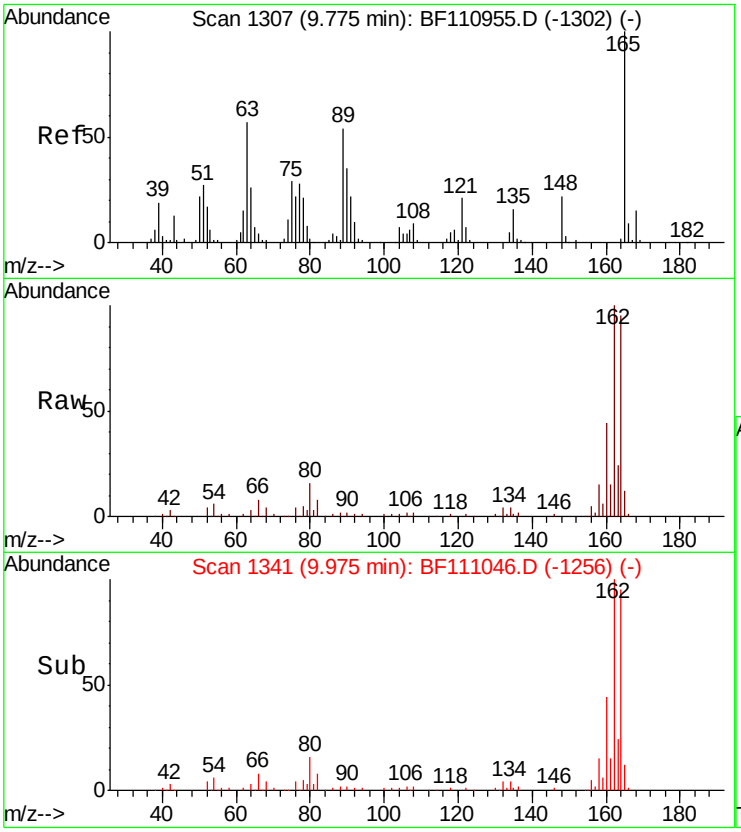


#50
Dimethylphthalate
Concen: 4.775 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF111046.D
Acq: 28 Nov 2018 15:34

Tgt Ion:163 Resp: 43480

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.7	8.1	12.1



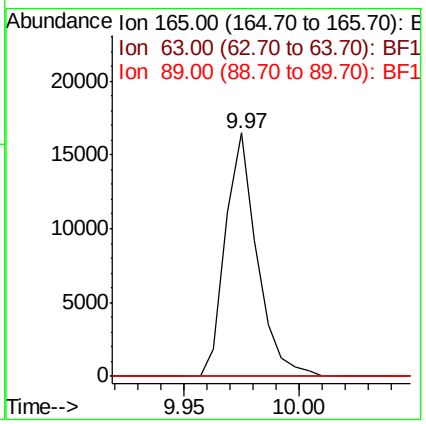


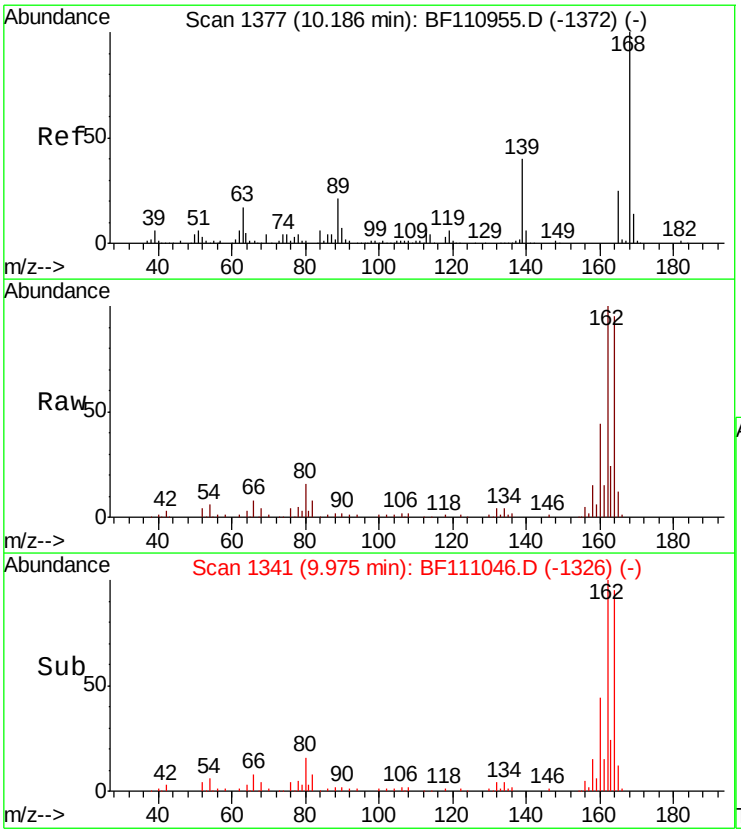
#51
2,6-Dinitrotoluene
Concen: 7.740 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.20 min
Lab File: BF111046.D
Acq: 28 Nov 2018 15:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15688

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

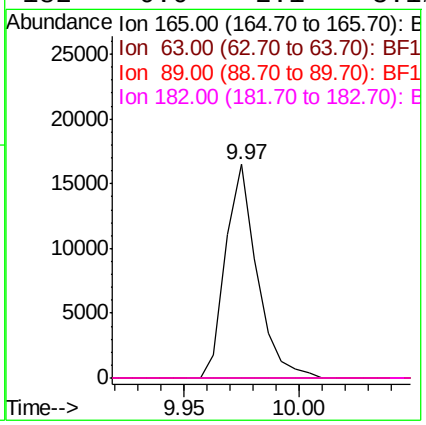


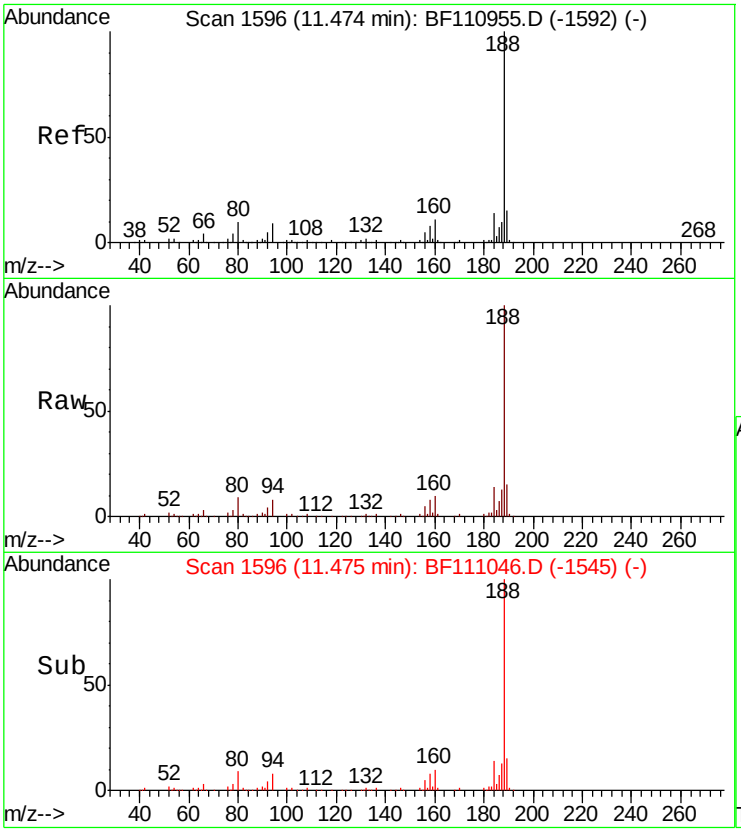


#57
2,4-Dinitrotoluene
Concen: 5.965 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.21 min
Lab File: BF111046.D
Acq: 28 Nov 2018 15:34

Tgt Ion:165 Resp: 15688

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#



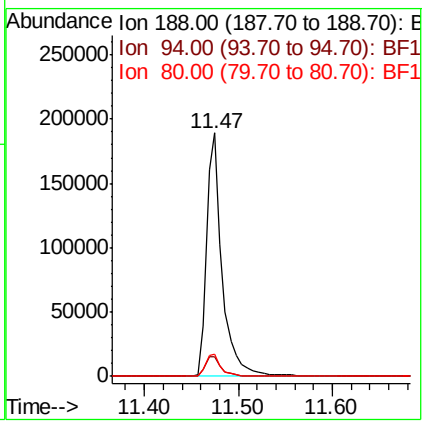


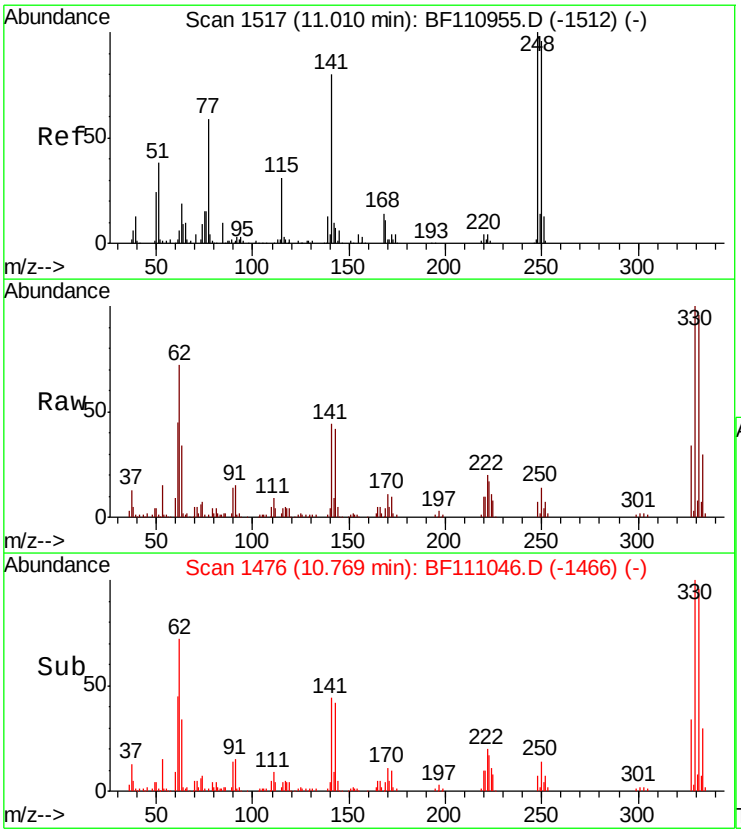
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF111046.D
Acq: 28 Nov 2018 15:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 219765

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	9.1	7.9	11.9

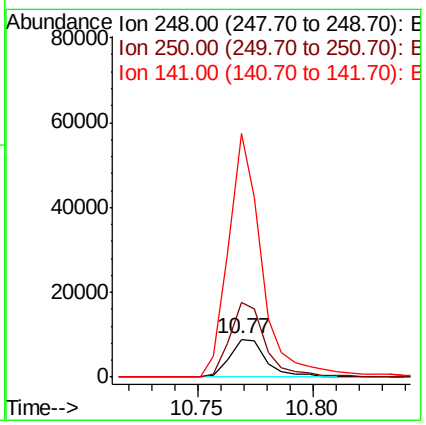


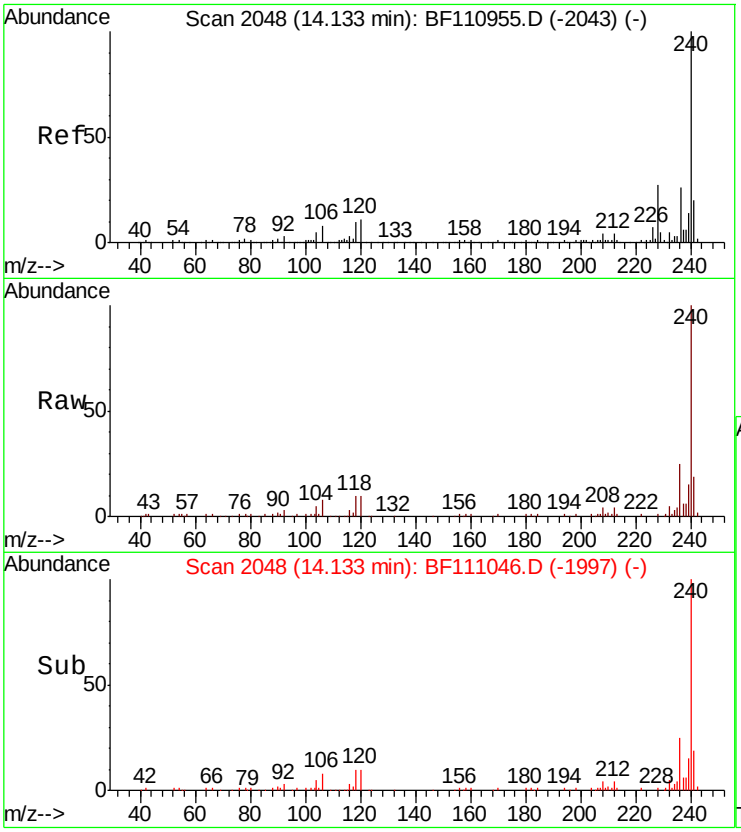


#67
4-Bromophenyl-phenylether
Concen: 4.085 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.24 min
Lab File: BF111046.D
Acq: 28 Nov 2018 15:34

Tgt Ion:248 Resp: 9777

Ion	Ratio	Lower	Upper
248	100		
250	196.4	79.4	119.2#
141	639.9	55.9	83.9#



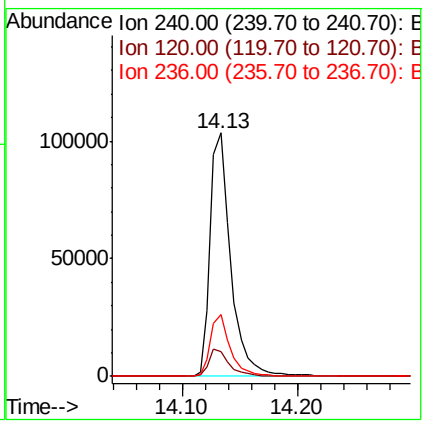


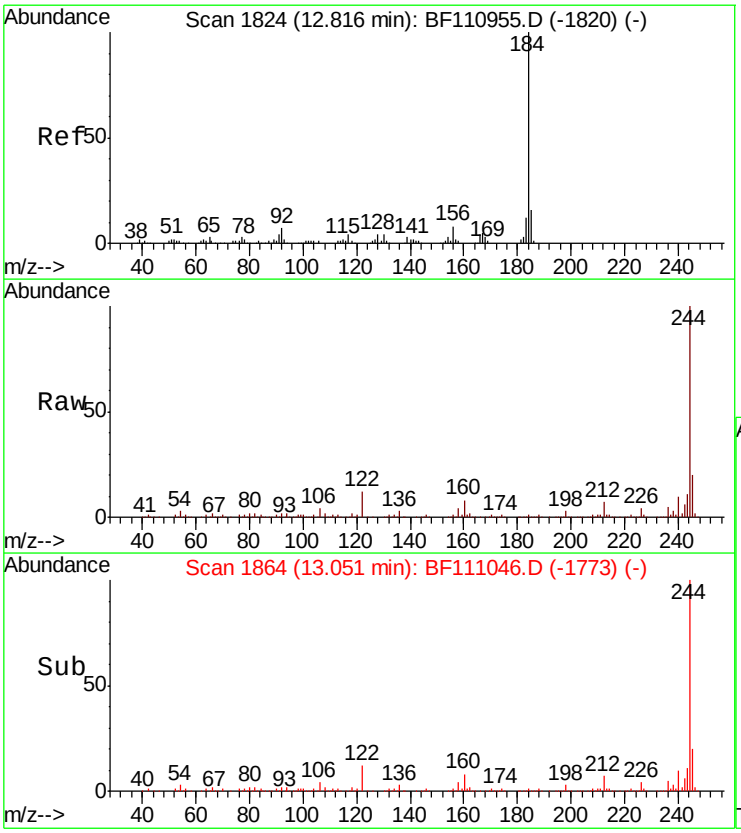
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BF111046.D
Acq: 28 Nov 2018 15:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 128266

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.3	12.5
236	25.4	21.2	31.8

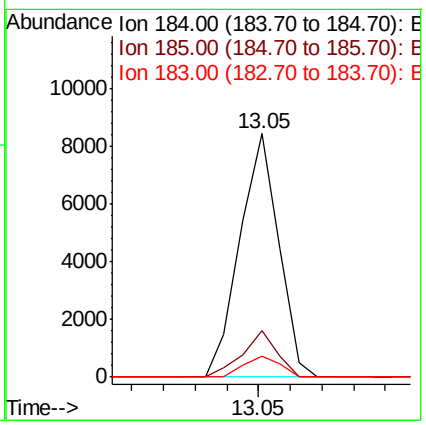


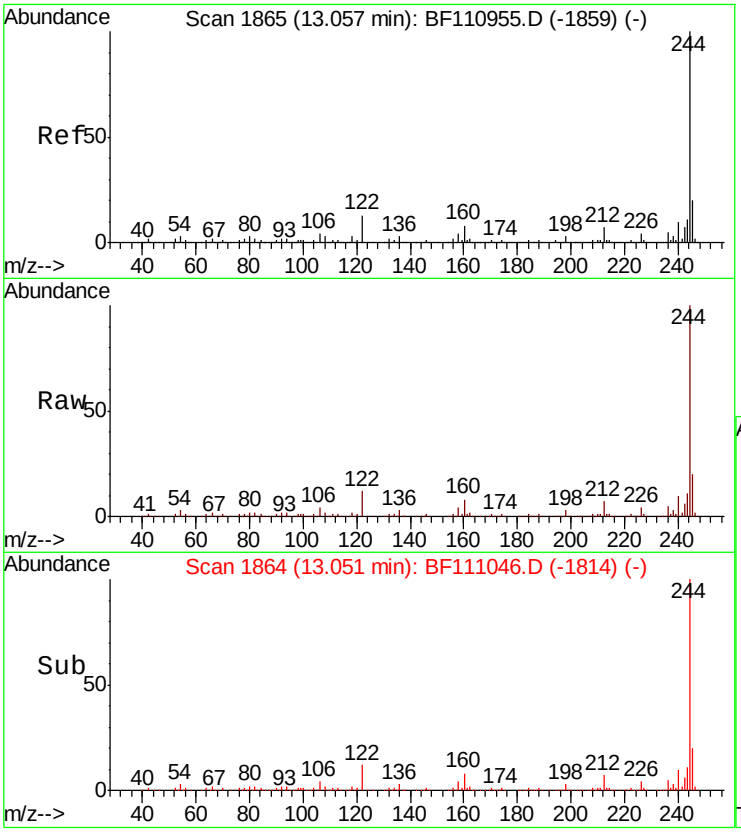


#77
Benzidine
Concen: 2.178 ng
RT: 13.05 min Scan# 1864
Delta R.T. 0.24 min
Lab File: BF111046.D
Acq: 28 Nov 2018 15:34

Tgt Ion:184 Resp: 7144

Ion	Ratio	Lower	Upper
184	100		
185	18.9	13.4	20.2
183	8.6	9.4	14.2#



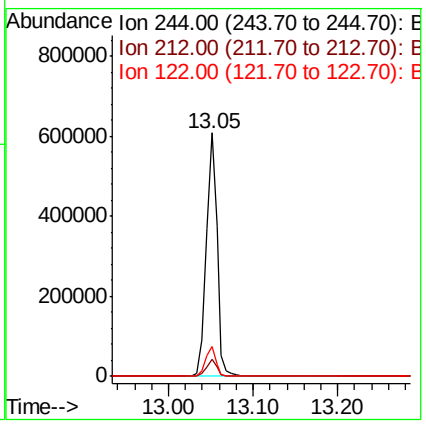


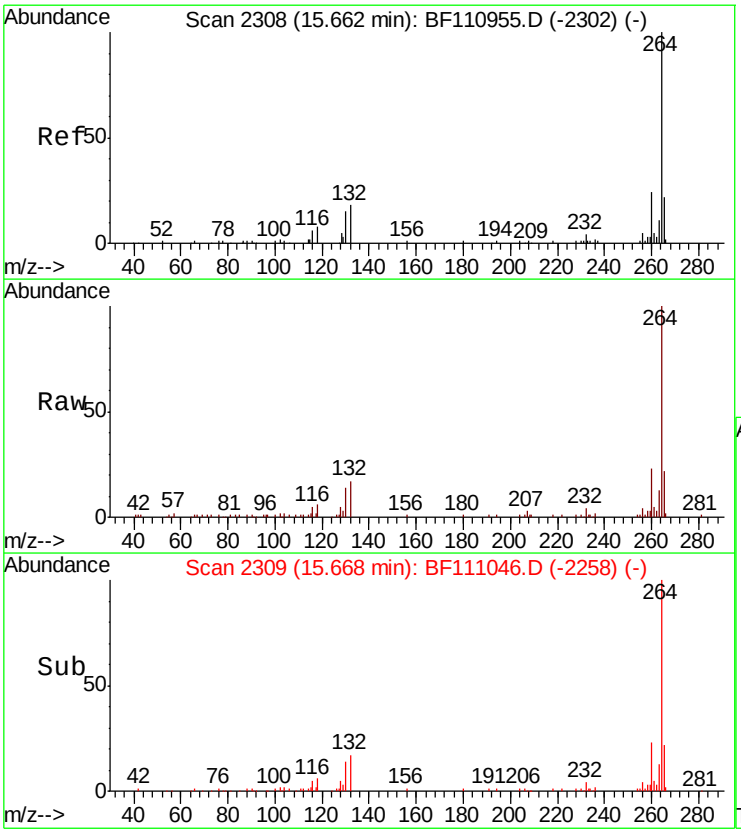
#79
Terphenyl-d14
Concen: 82.400 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF111046.D
Acq: 28 Nov 2018 15:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 542938

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.3	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BF111046.D
Acq: 28 Nov 2018 15:34

Tgt Ion:264 Resp: 125864

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.6	16.7	25.1