Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110669.D
Acq On : 10 Nov 2018 10:44
Operator : JU/SJ
Sample : J5881-20
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 11 03:28:58 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	75687	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	308569	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	127154	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	194065	20.00	ng	0.00
76) Chrysene-d12	14.13	240	145297	20.00	ng	-0.01
87) Perylene-d12	15.65	264	104525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	202953	43.56	ng	0.00
7) Phenol-d6	6.56	99	154591	25.94	ng	-0.01
23) Nitrobenzene-d5	7.51	82	538261	100.46	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	101953	79.57	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	969153	108.85	ng	0.00
79) Terphenyl-d14	13.06	244	580232	74.79	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.57	94	20701	2.996	ng	# 72
19) n-Nitroso-di-n-propylamine	7.51	70	71269	18.738	ng	# 80
25) Isophorone	7.51	82	538257	61.291	ng	# 67
50) Dimethylphthalate	9.69	163	20212	2.130	ng	99
51) 2,6-Dinitrotoluene	9.99	165	15910	7.623	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	15910	5.863	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	6524	3.042	ng	# 1

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

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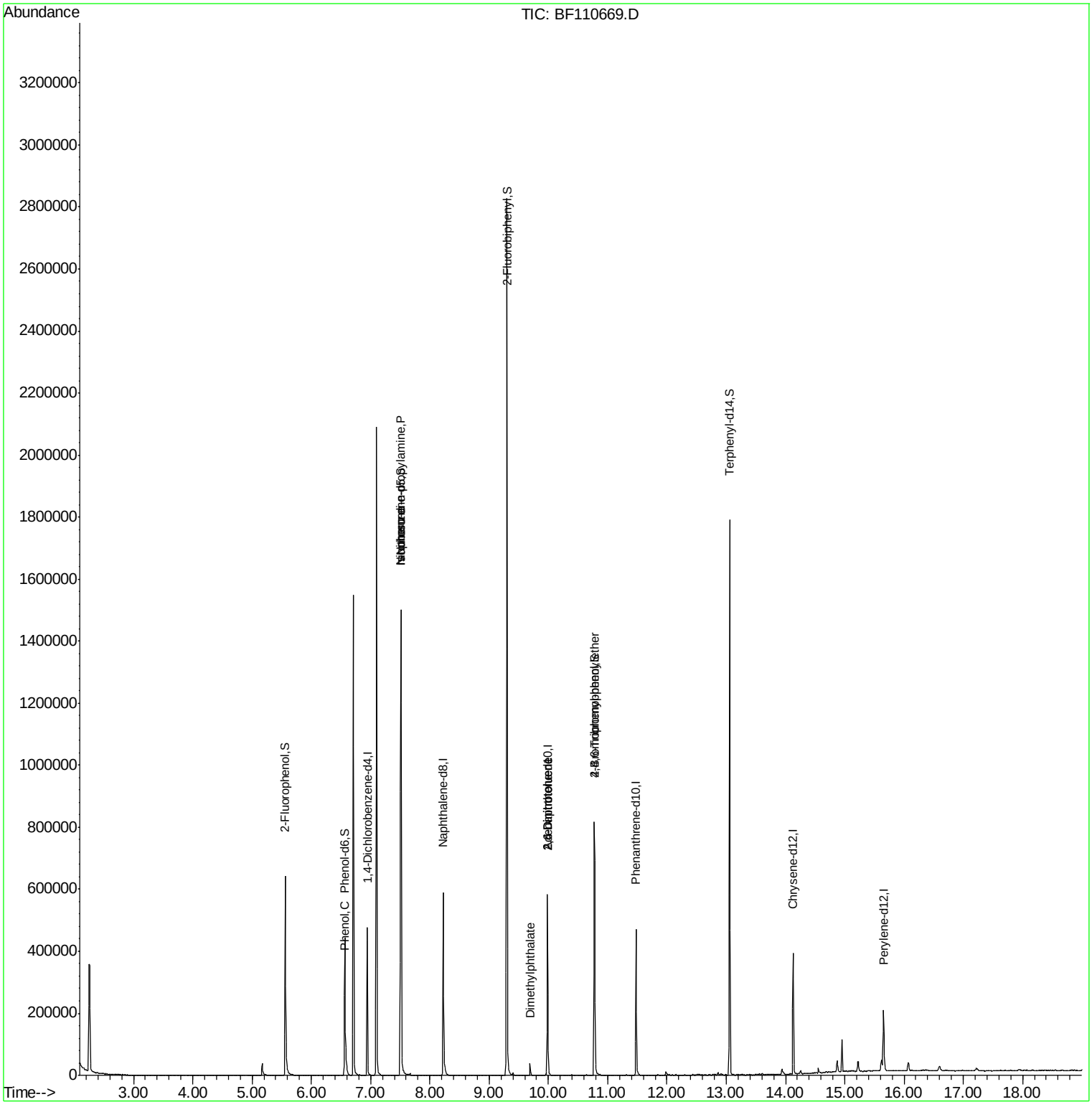
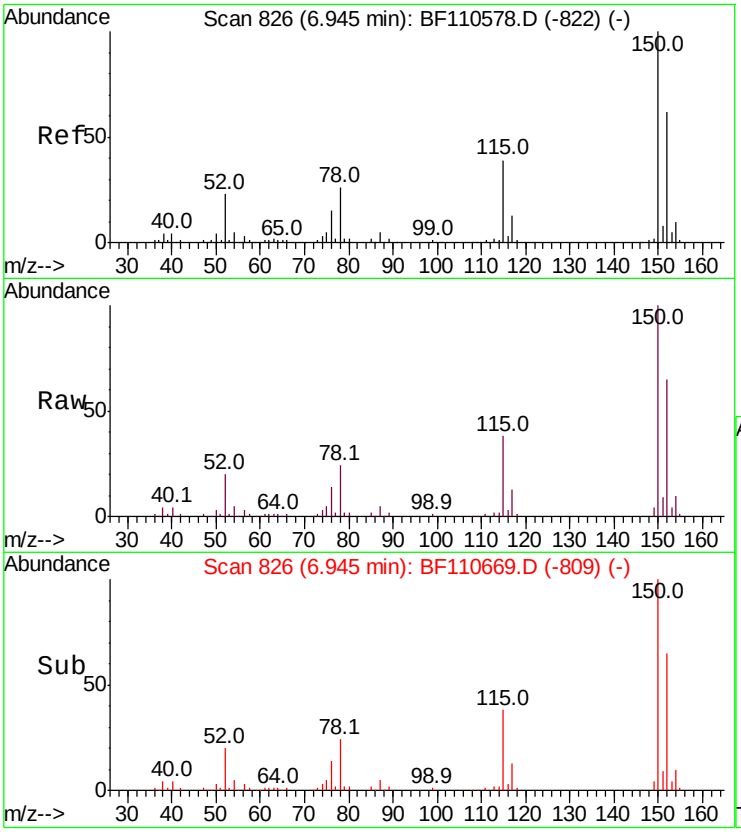


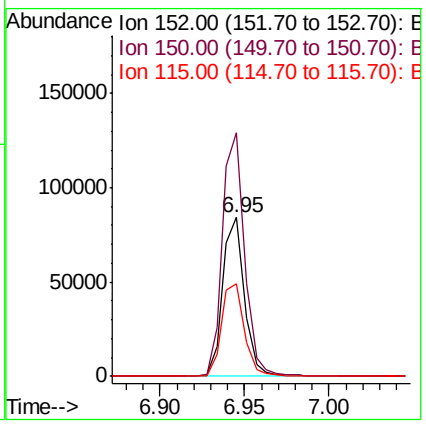


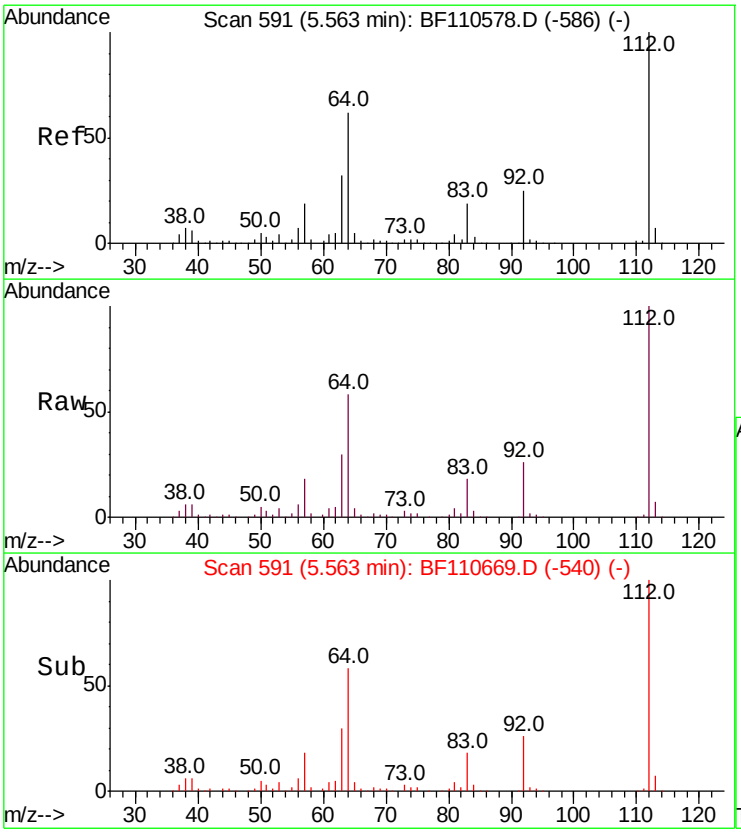
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 75687

Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.7	184.1
115	58.0	49.1	73.7

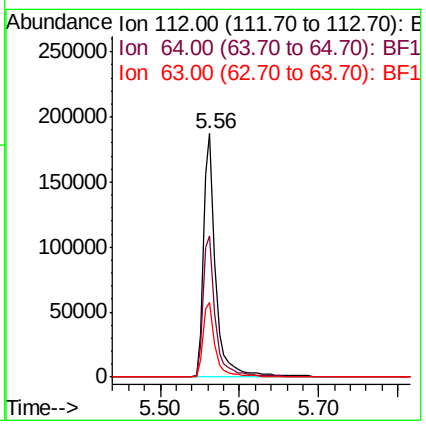


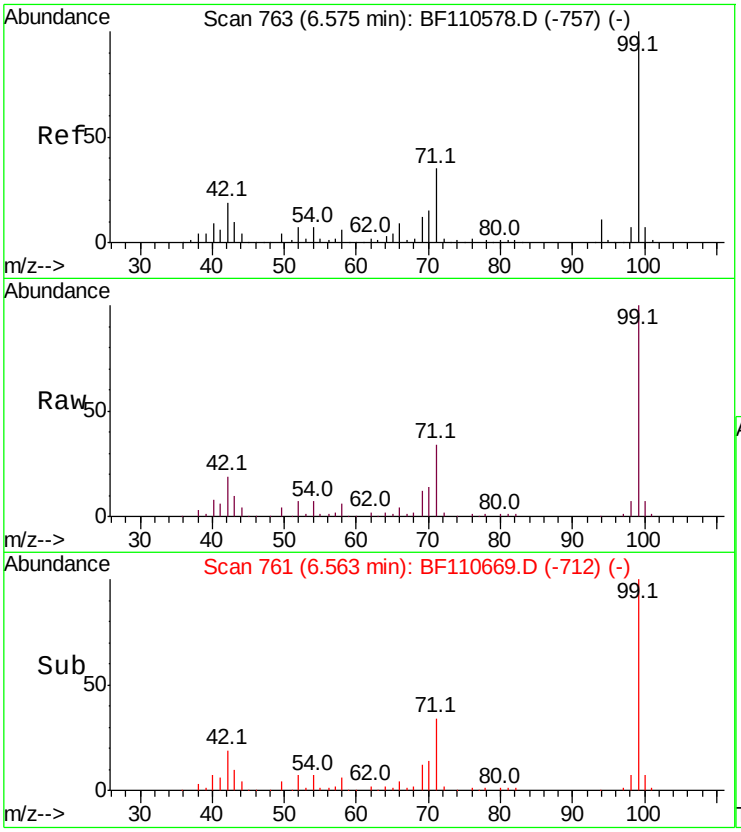


#5
2-Fluorophenol
Concen: 43.556 ng
RT: 5.56 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

Tgt Ion:112 Resp: 202953

Ion	Ratio	Lower	Upper
112	100		
64	58.2	44.1	66.1
63	30.4	23.7	35.5



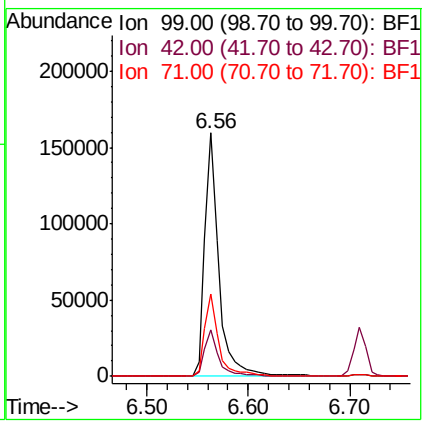


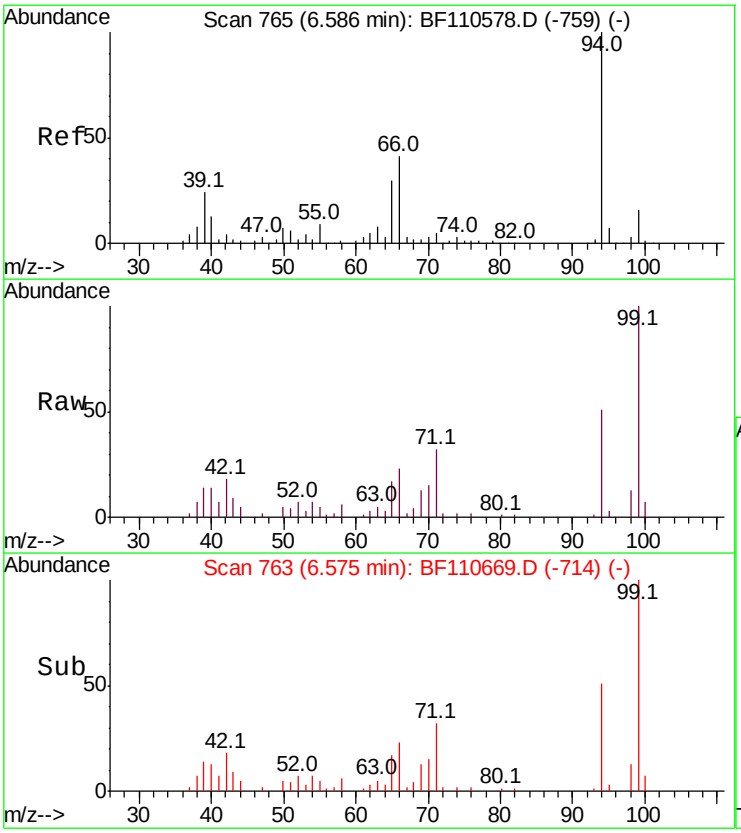
#7
Phenol-d6
Concen: 25.944 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 154591

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.8	23.6
71	33.9	28.0	42.0

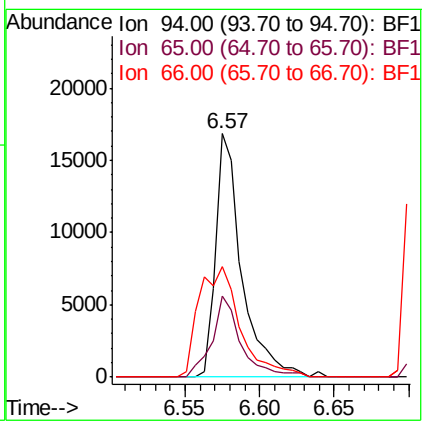


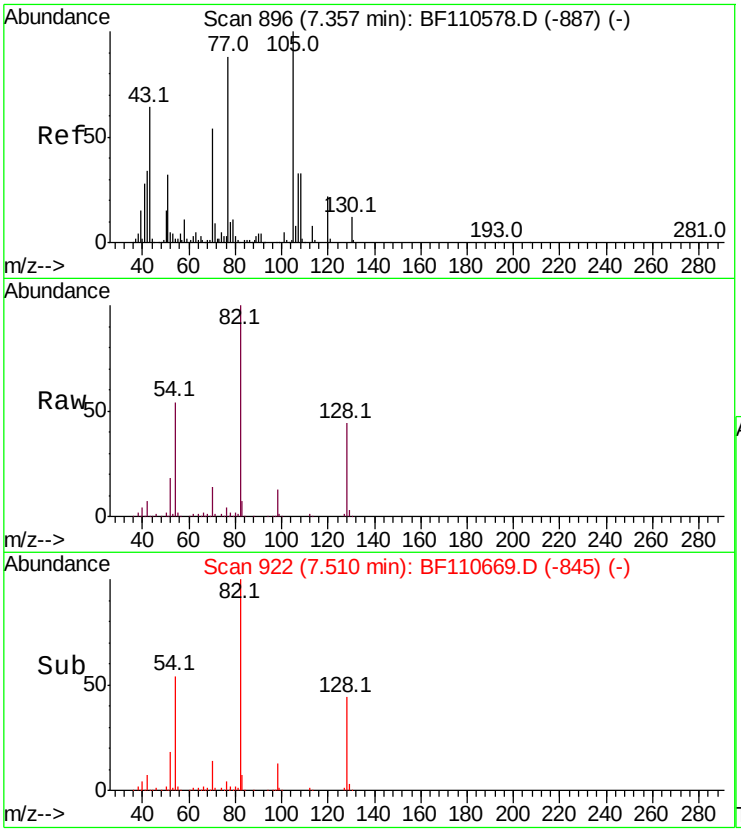


#10
Phenol
Concen: 2.996 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

Tgt Ion: 94 Resp: 20701

Ion	Ratio	Lower	Upper
94	100		
65	33.3	25.3	65.3
66	45.3	54.5	94.5#



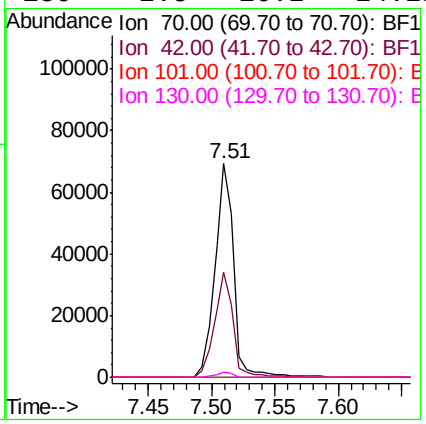


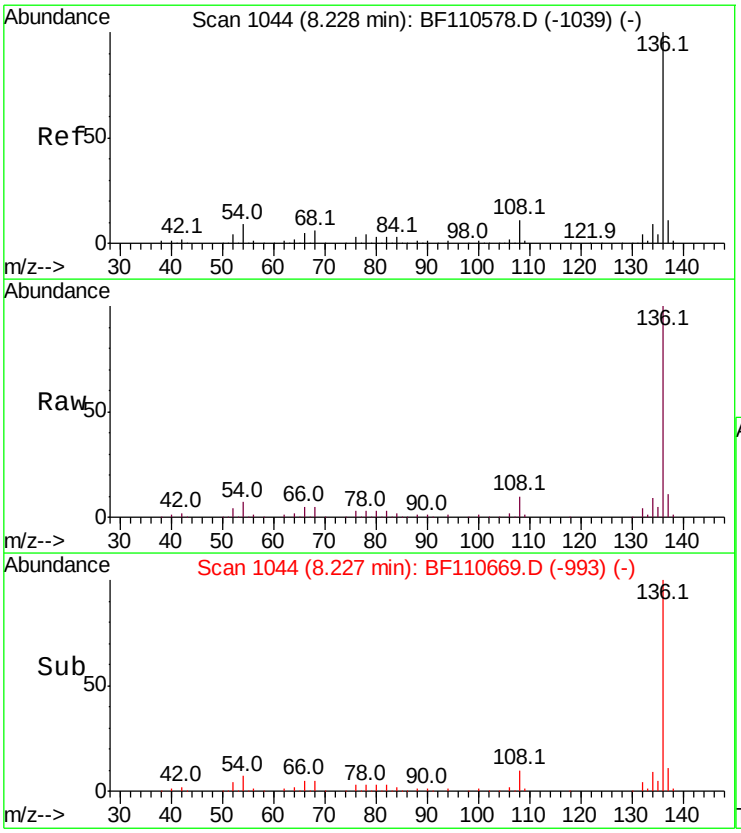
#19
n-Nitroso-di-n-propylamine
Concen: 18.738 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 71269

Ion	Ratio	Lower	Upper
70	100		
42	49.3	47.4	71.2
101	0.0	7.3	10.9#
130	2.5	16.2	24.2#

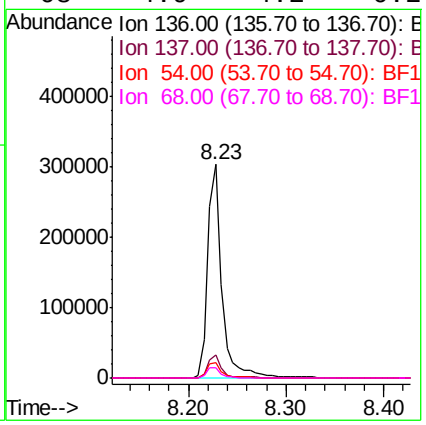


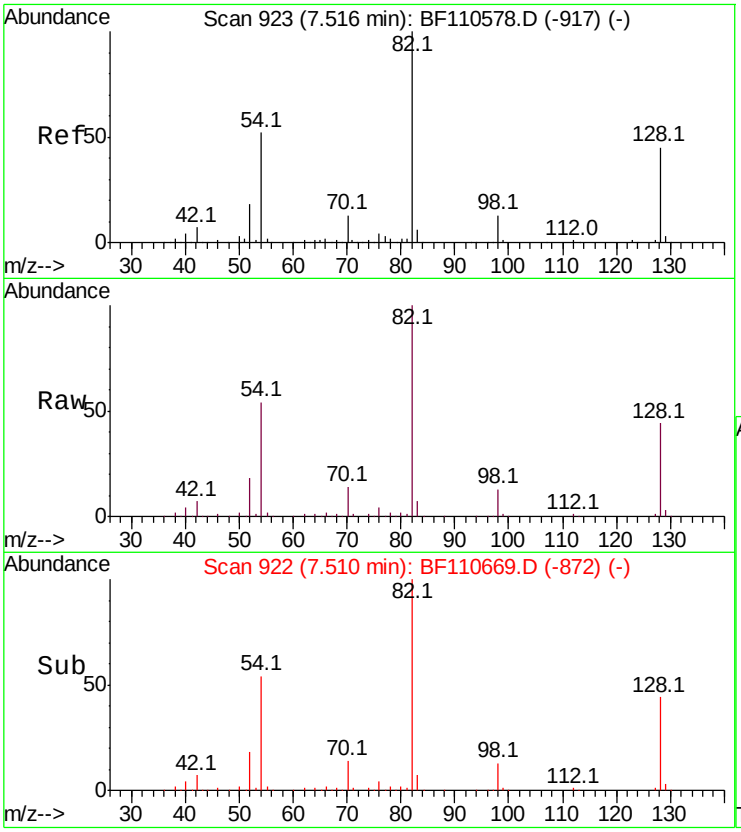


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

Tgt Ion:136 Resp: 308569

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.5	5.4	8.2
68	4.9	4.2	6.2



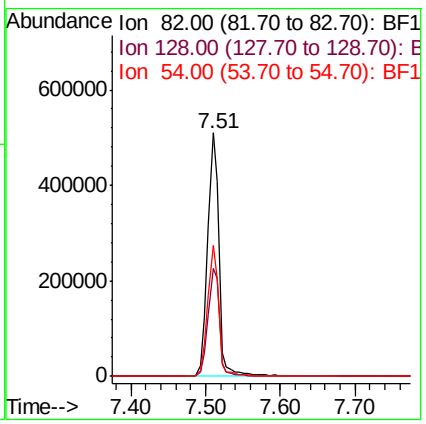


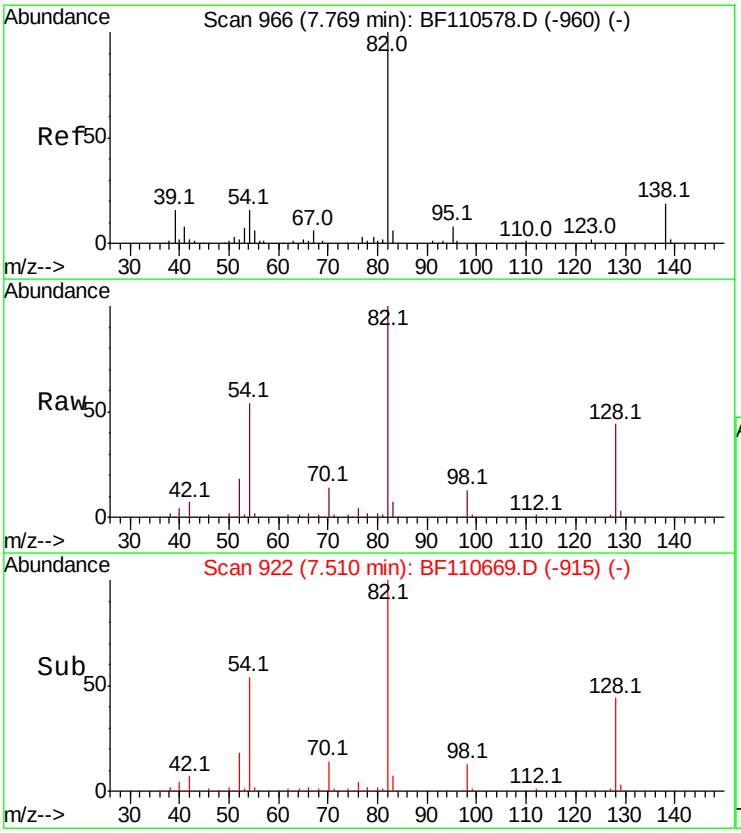
#23
Nitrobenzene-d5
Concen: 100.458 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 538261

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.2	51.2
54	53.9	38.6	58.0

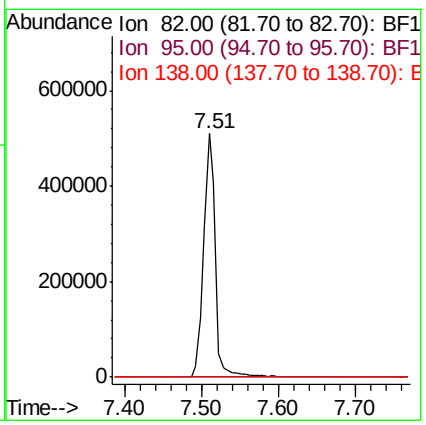


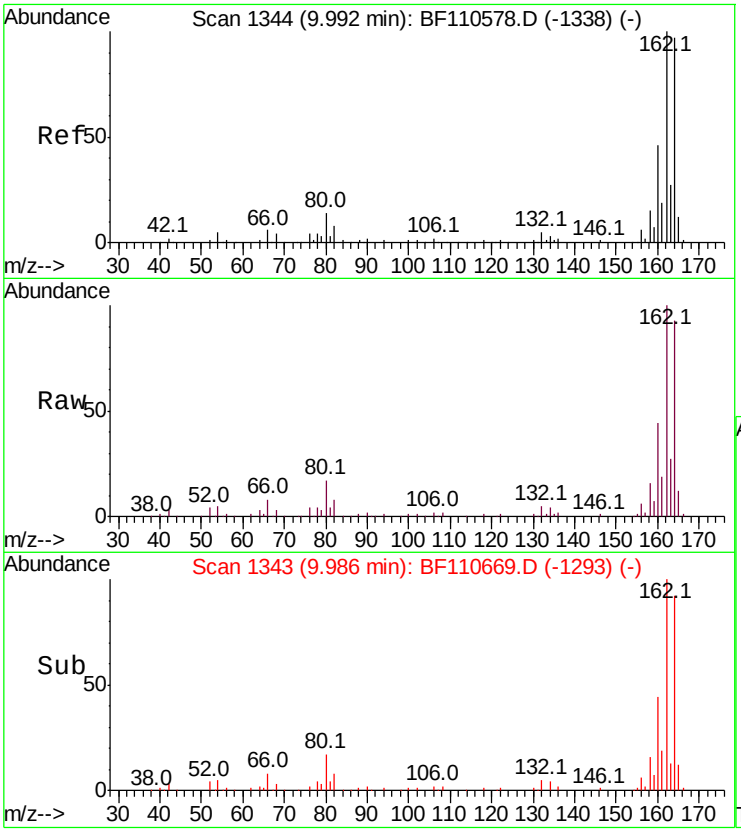


#25
Isophorone
Concen: 61.291 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

Tgt Ion: 82 Resp: 538257

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



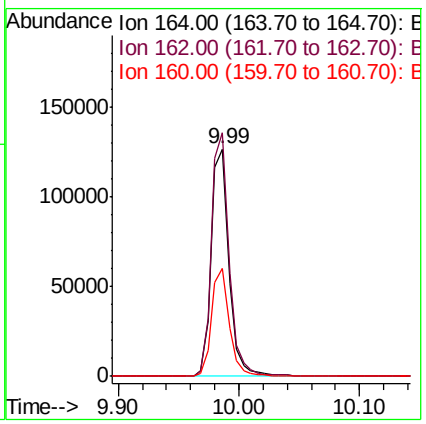


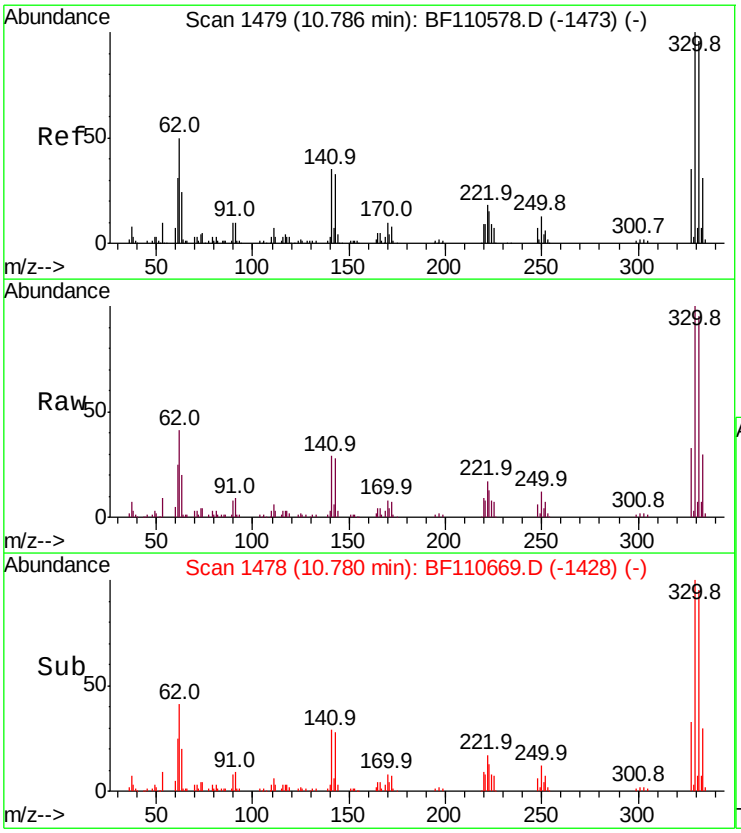
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 127154

Ion	Ratio	Lower	Upper
164	100		
162	107.1	83.0	124.6
160	47.5	37.0	55.6

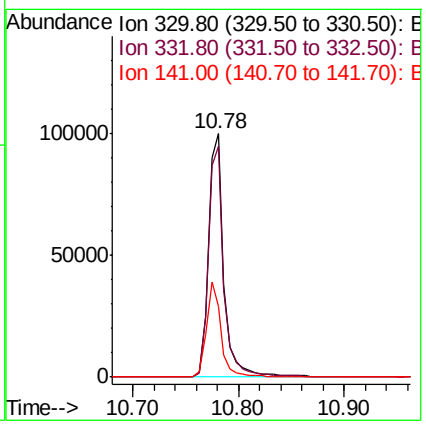


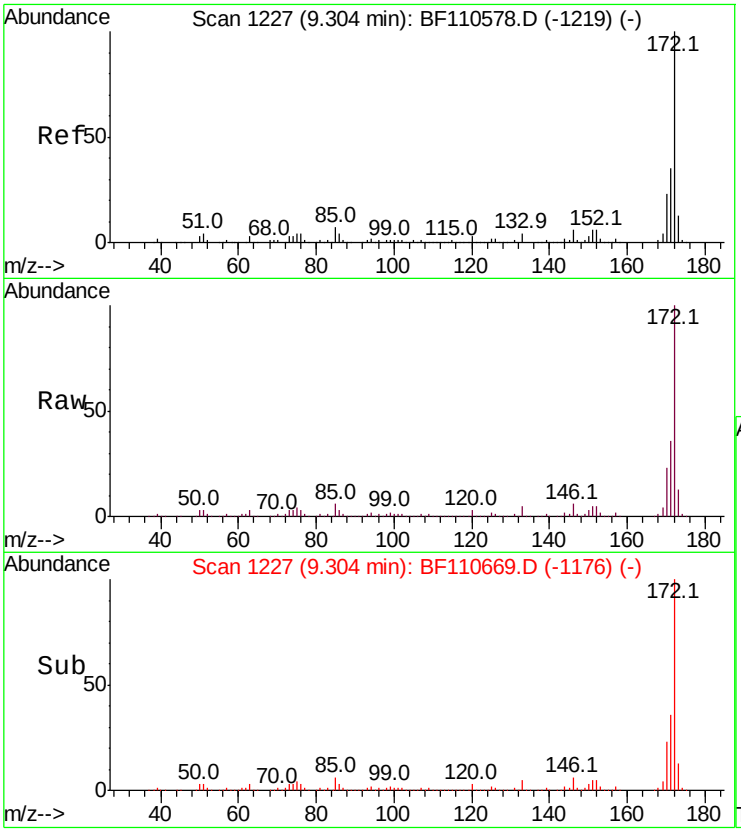


#42
2,4,6-Tribromophenol
Concen: 79.574 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

Tgt Ion:330 Resp: 101953

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.1	115.7
141	36.8	27.0	40.4



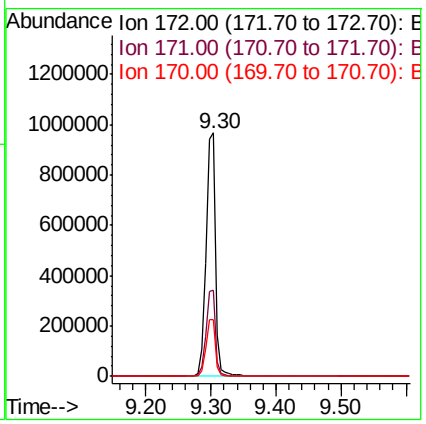


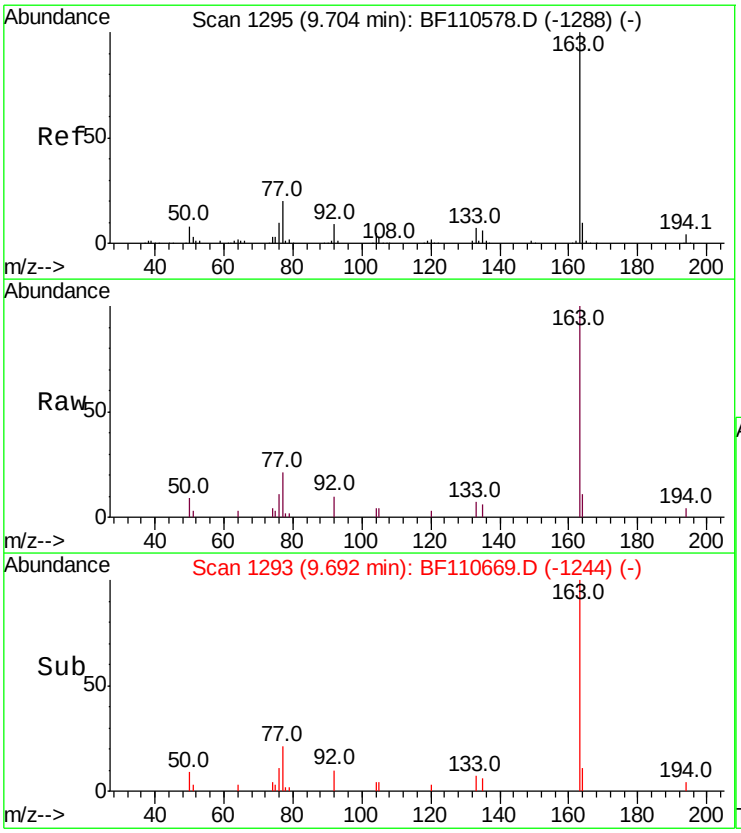
#45
2-Fluorobiphenyl
Concen: 108.854 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 969153

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.2	19.7	29.5

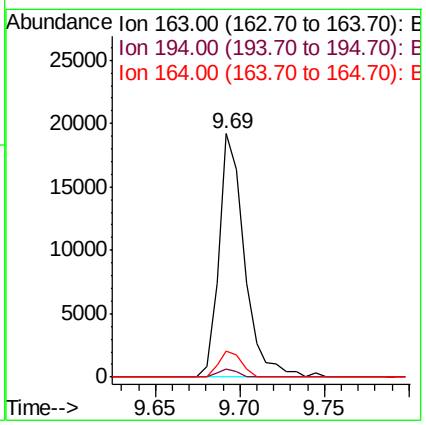


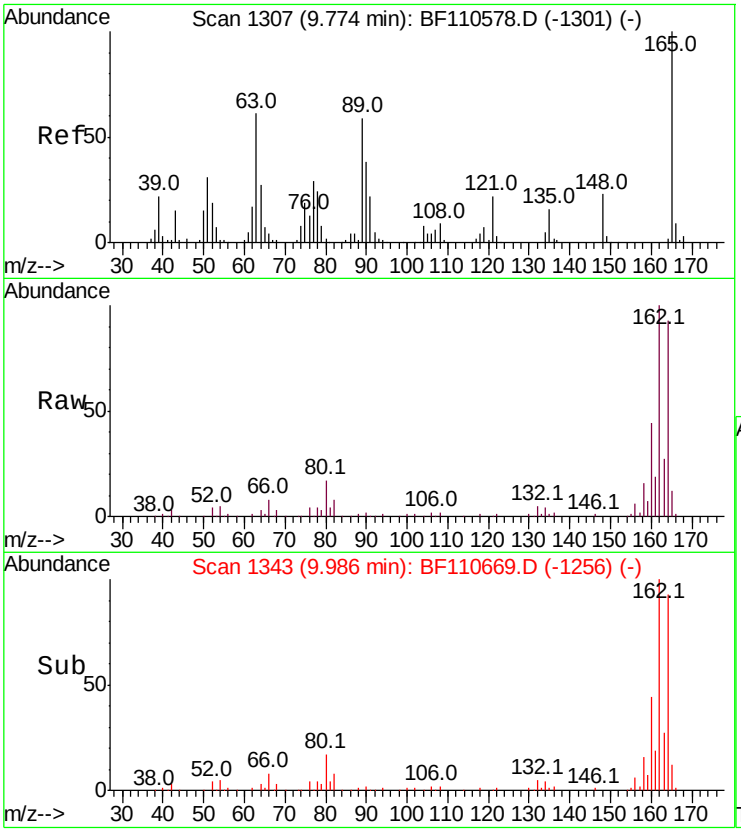


#50
Dimethylphthalate
Concen: 2.130 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

Tgt Ion:163 Resp: 20212

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	10.6	8.1	12.1



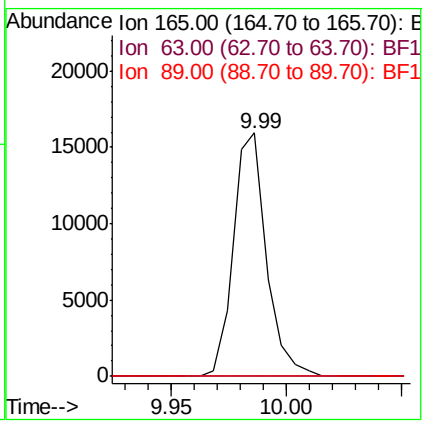


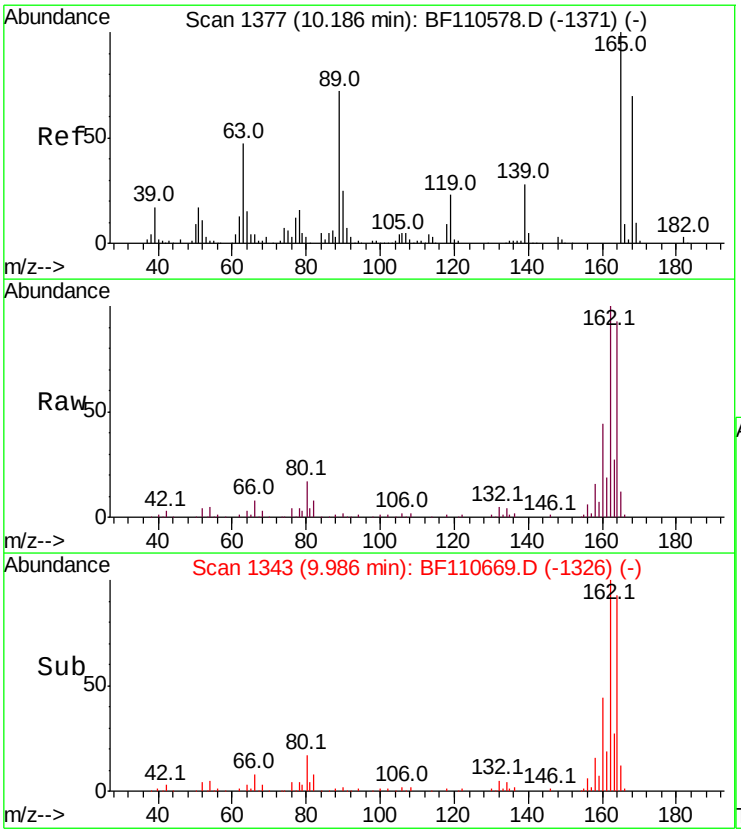
#51
2,6-Dinitrotoluene
Concen: 7.623 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15910

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

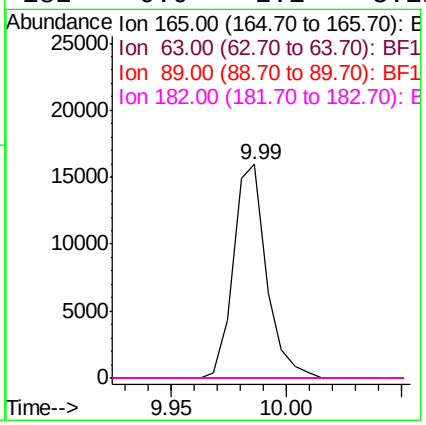


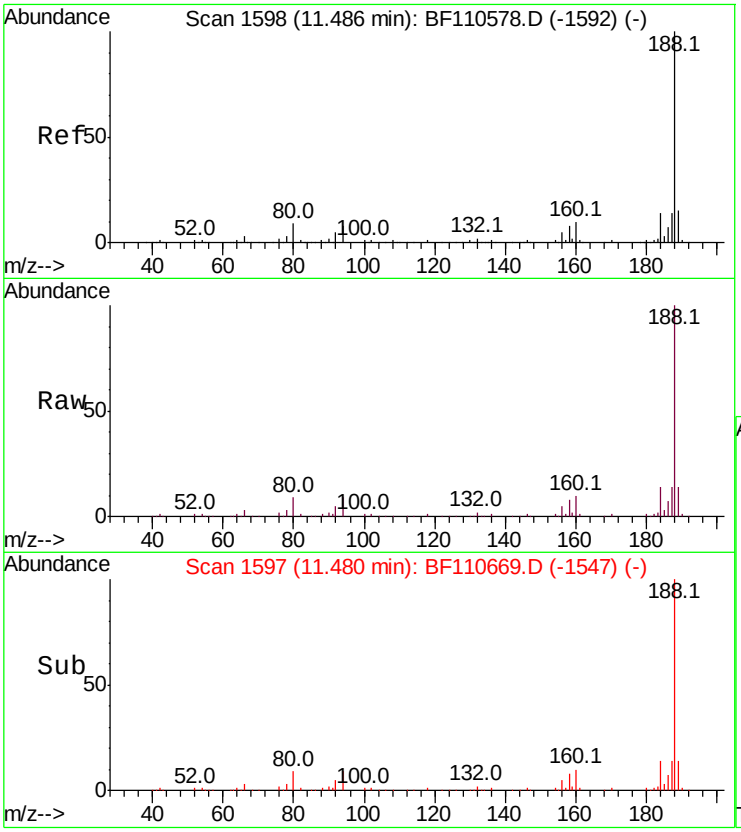


#57
2,4-Dinitrotoluene
Concen: 5.863 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

Tgt Ion:165 Resp: 15910

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#



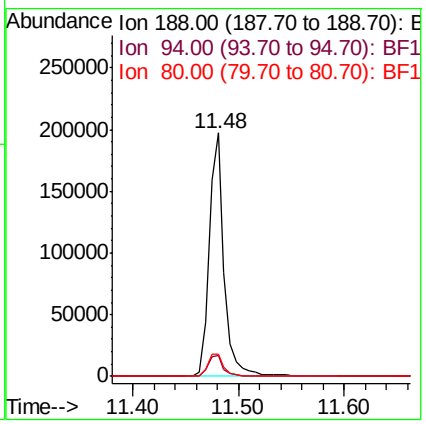


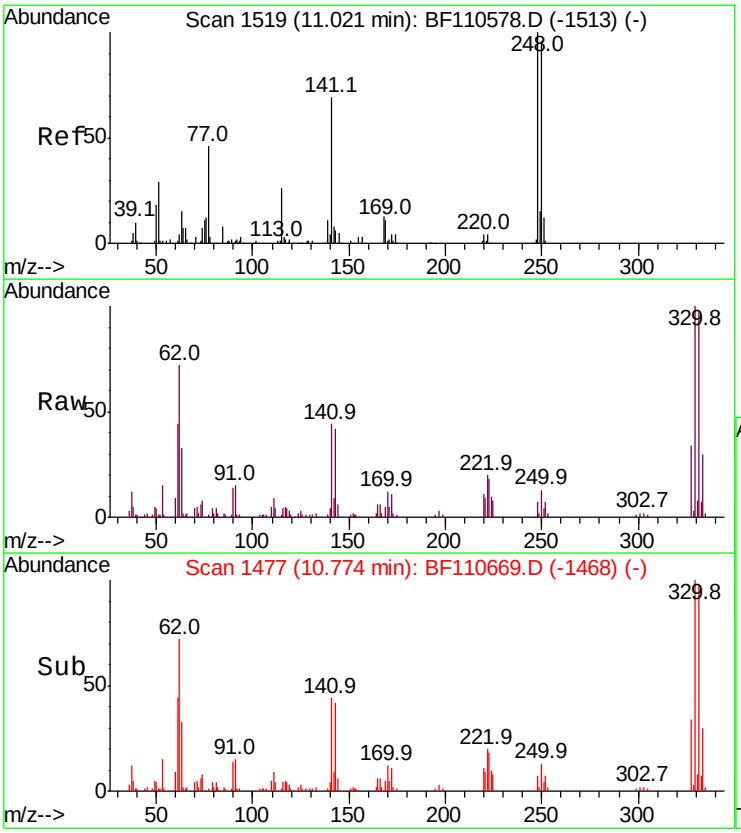
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 194065

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	8.9	7.9	11.9

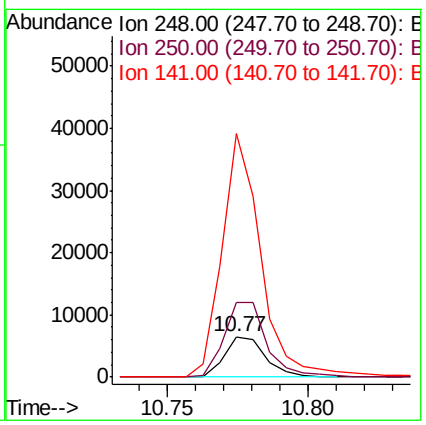


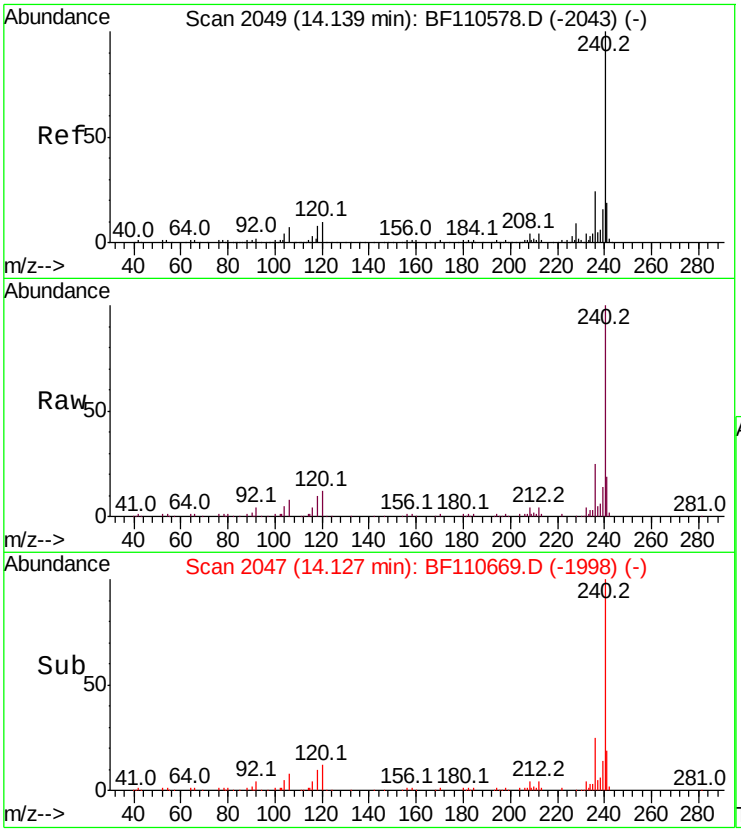


#67
4-Bromophenyl-phenylether
Concen: 3.042 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

Tgt Ion:248 Resp: 6524

Ion	Ratio	Lower	Upper
248	100		
250	185.8	79.4	119.2#
141	602.8	55.9	83.9#



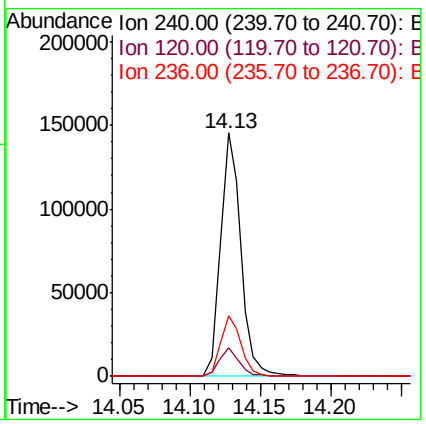


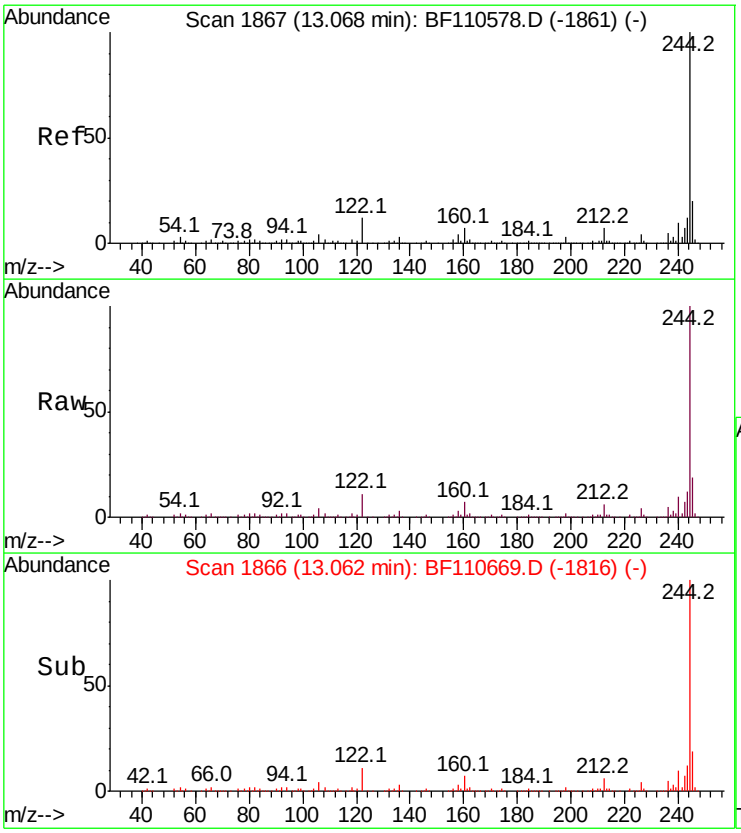
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 145297

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	25.1	21.2	31.8

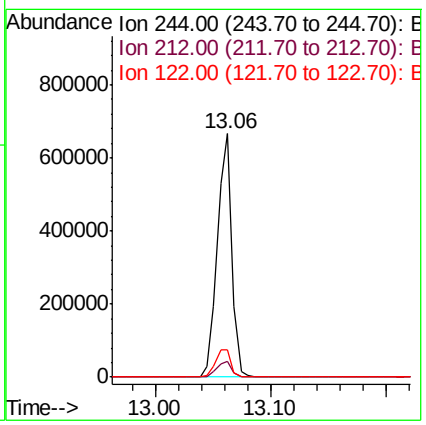


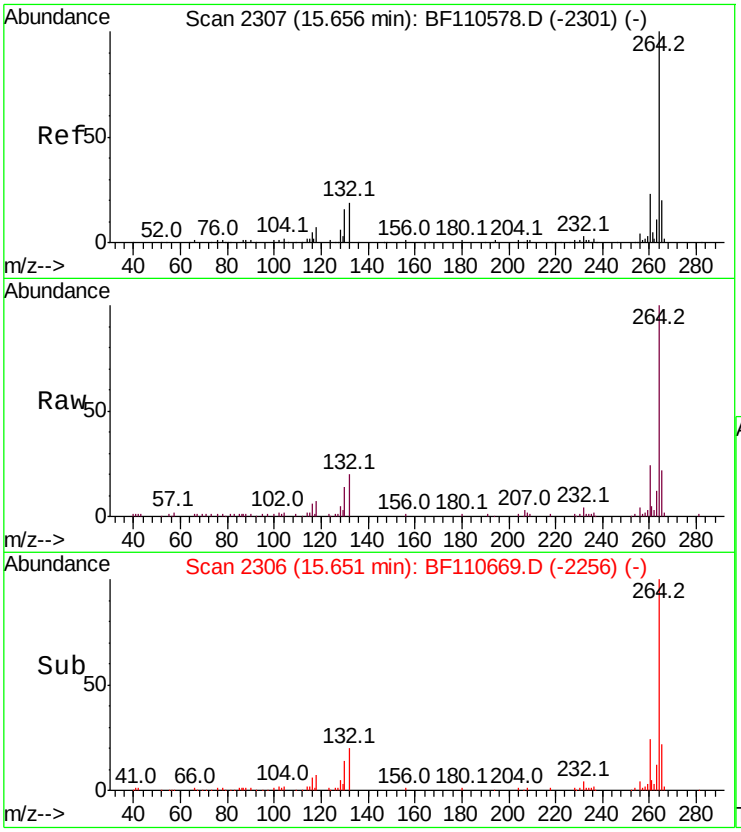


#79
Terphenyl-d14
Concen: 74.787 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

Tgt Ion:244 Resp: 580232

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	11.0	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 104525

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.7	16.7	25.1