Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110660.D
Acq On : 10 Nov 2018 6:41
Operator : JU/SJ
Sample : J5881-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 11 03:27:32 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	71707	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	291701	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	122396	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	192313	20.00	ng		0.00
76) Chrysene-d12	14.13	240	145072	20.00	ng		-0.01
87) Perylene-d12	15.66	264	108915	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	184245	41.74	ng		0.00
7) Phenol-d6	6.56	99	138093	24.46	ng		-0.01
23) Nitrobenzene-d5	7.51	82	477742	94.32	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	92509	75.01	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	862560	100.65	ng		0.00
79) Terphenyl-d14	13.06	244	552478	71.32	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.58	94	18017	2.752	ng	#	68
19) n-Nitroso-di-n-propylamine	7.51	70	62439	17.327	ng	#	83
25) Isophorone	7.51	82	477739	57.546	ng	#	67
50) Dimethylphthalate	9.69	163	24671	2.701	ng		100
51) 2,6-Dinitrotoluene	9.99	165	15703	7.816	ng	#	21
57) 2,4-Dinitrotoluene	9.99	165	15703	6.011	ng	#	17
67) 4-Bromophenyl-phenylether	10.78	248	5433	2.556	ng	#	1

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

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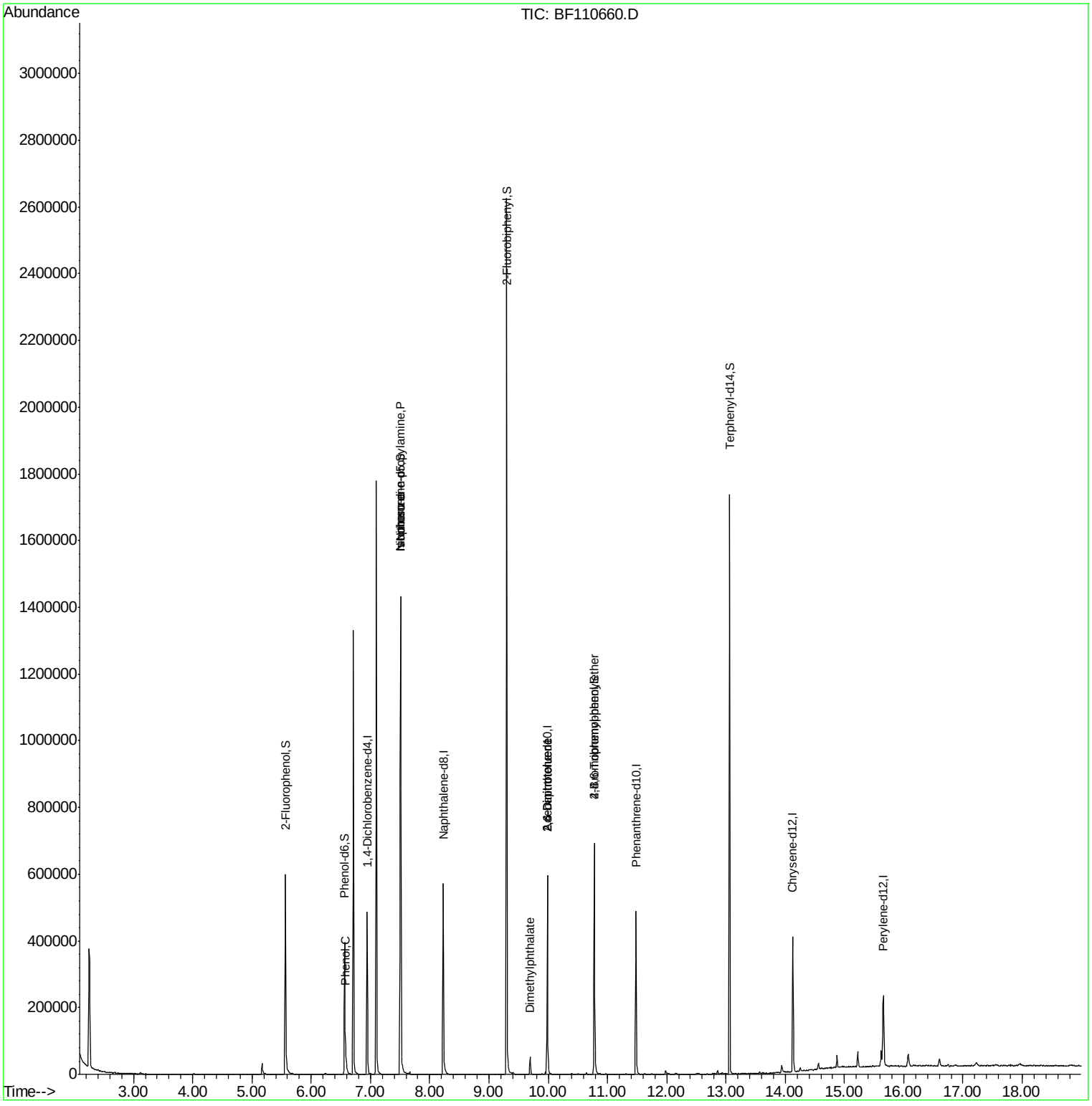
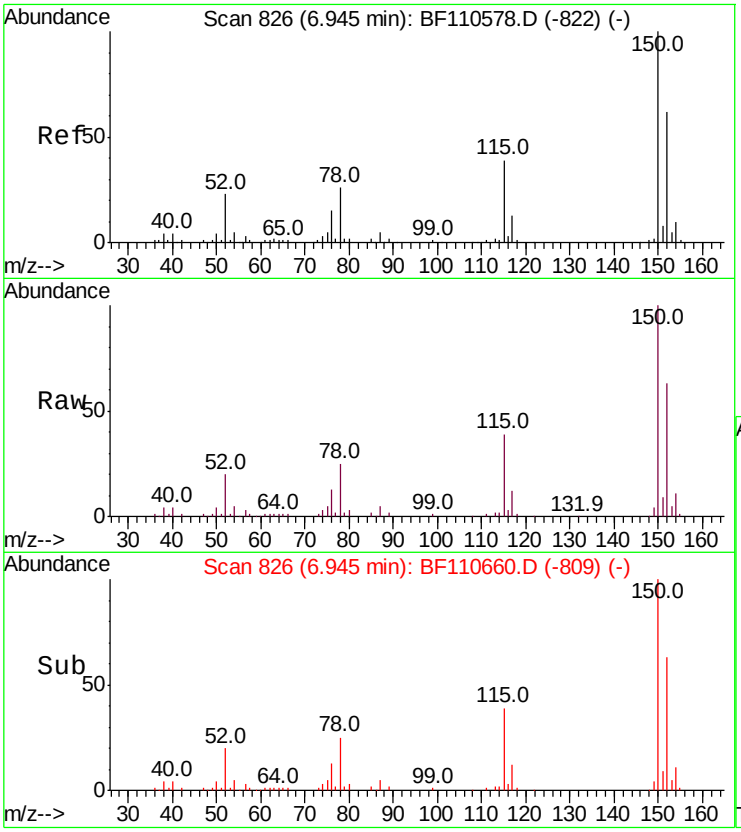


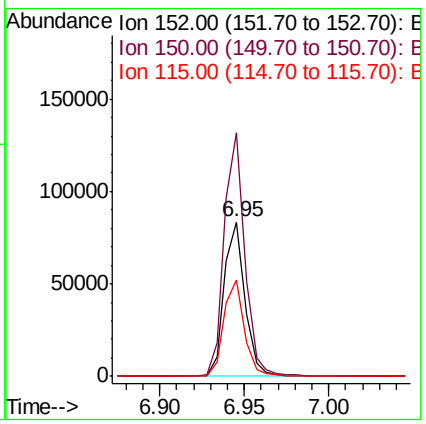


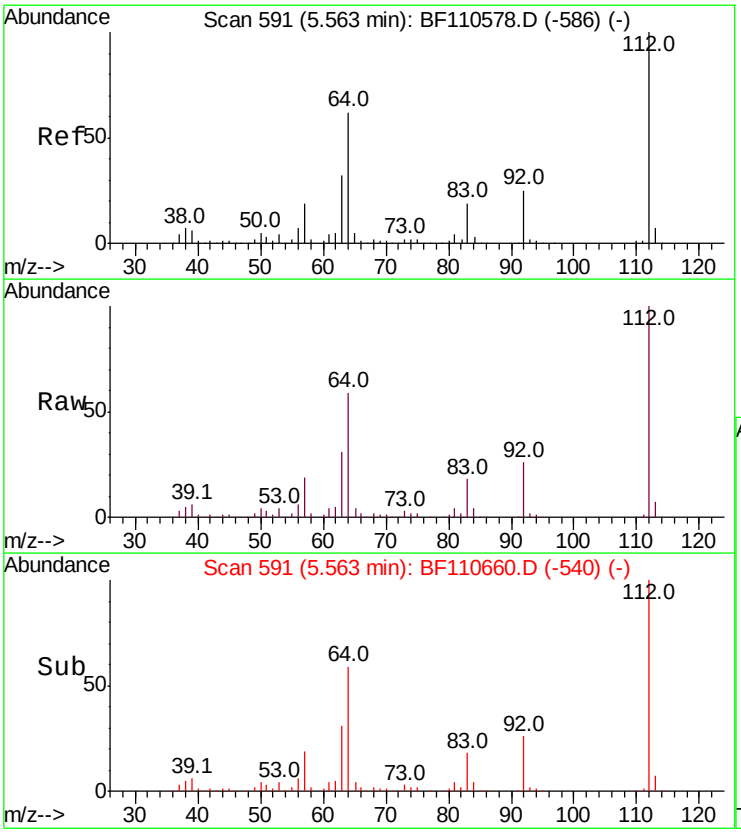
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110660.D
Acq: 10 Nov 2018 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 71707

Ion	Ratio	Lower	Upper
152	100		
150	157.6	122.7	184.1
115	62.0	49.1	73.7

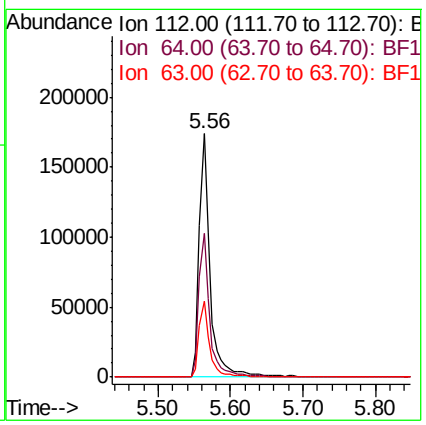


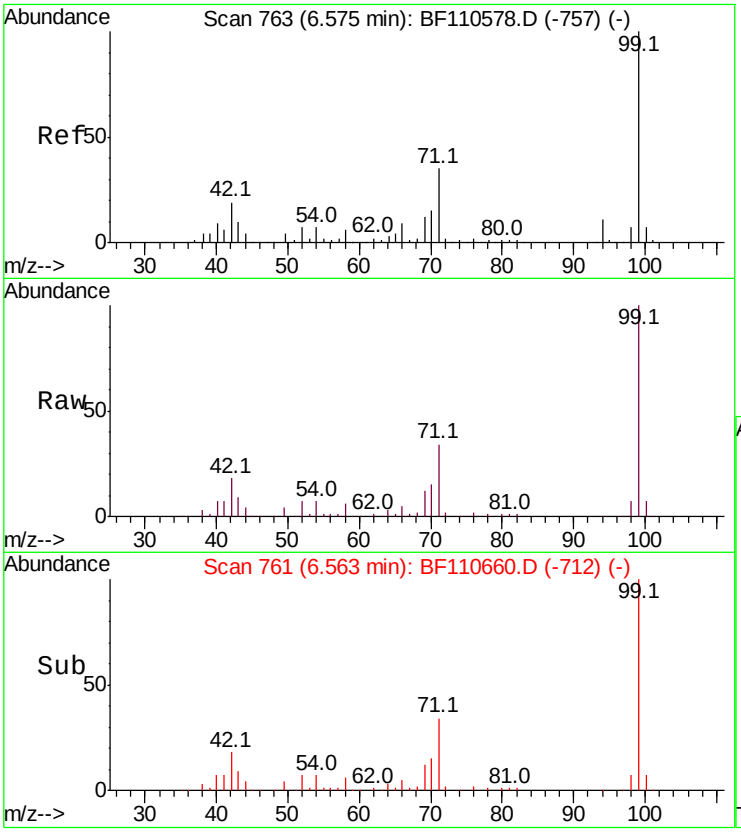


#5
2-Fluorophenol
Concen: 41.735 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110660.D
Acq: 10 Nov 2018 6:41

Tgt Ion:112 Resp: 184245

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



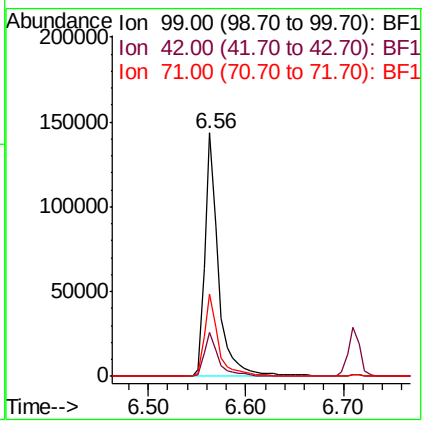


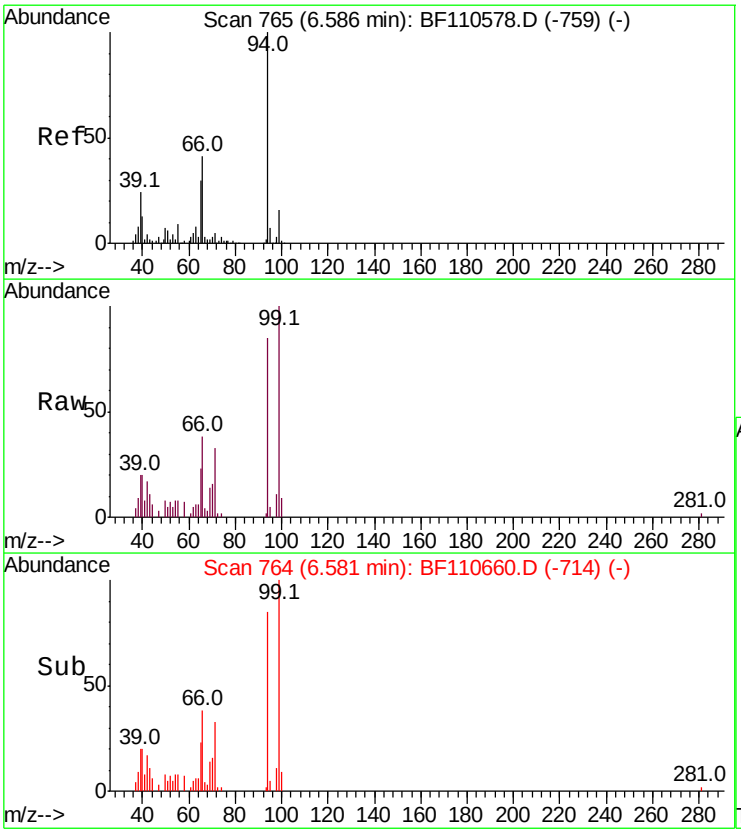
#7
Phenol-d6
Concen: 24.462 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110660.D
Acq: 10 Nov 2018 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 138093

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.8	23.6
71	34.0	28.0	42.0

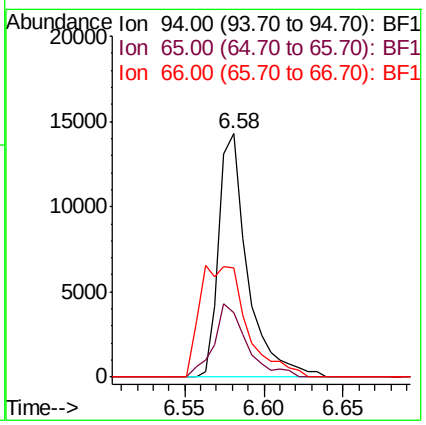


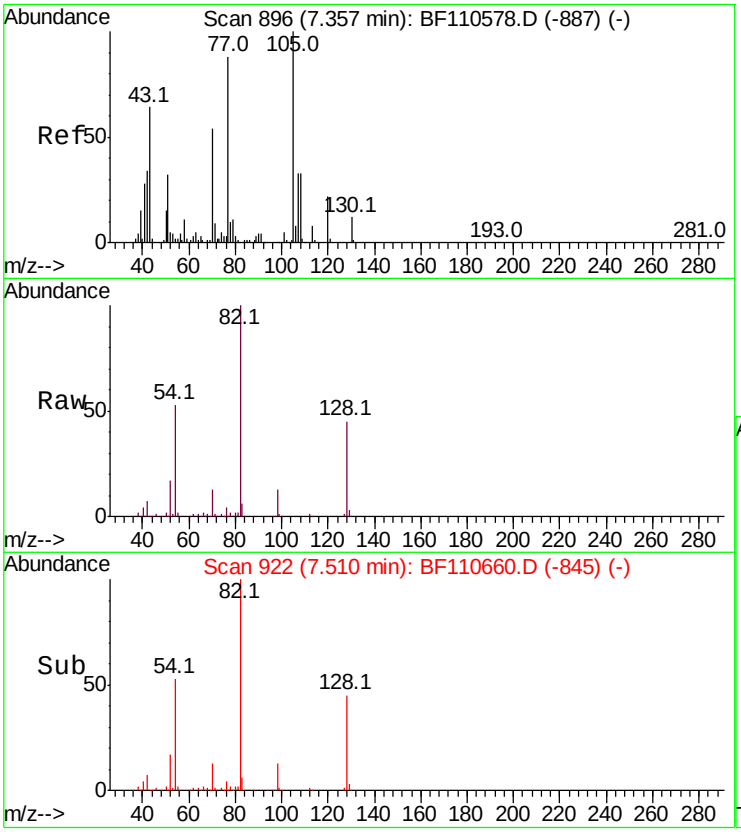


#10
Phenol
Concen: 2.752 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110660.D
Acq: 10 Nov 2018 6:41

Tgt Ion: 94 Resp: 18017

Ion	Ratio	Lower	Upper
94	100		
65	26.6	25.3	65.3
66	45.0	54.5	94.5#



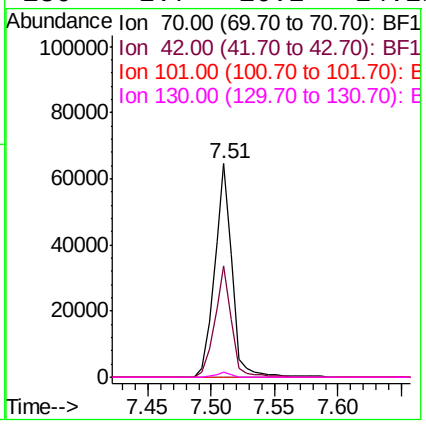


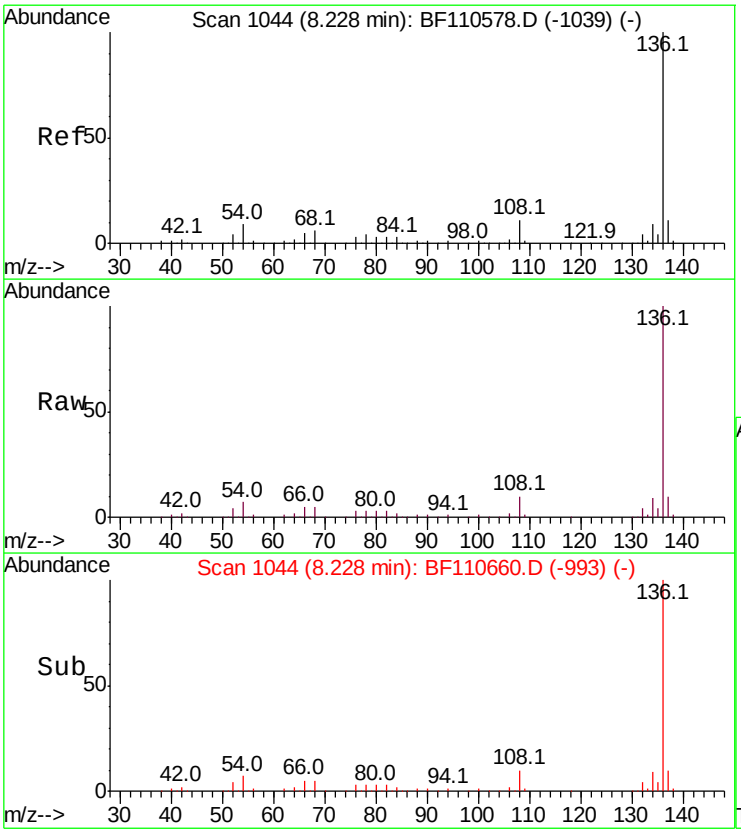
#19
n-Nitroso-di-n-propylamine
Concen: 17.327 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110660.D
Acq: 10 Nov 2018 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 62439

Ion	Ratio	Lower	Upper
70	100		
42	52.4	47.4	71.2
101	0.0	7.3	10.9#
130	2.7	16.2	24.2#

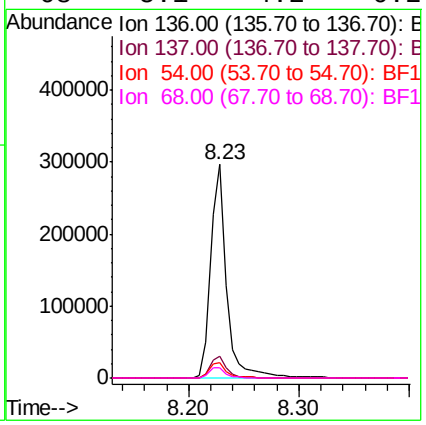


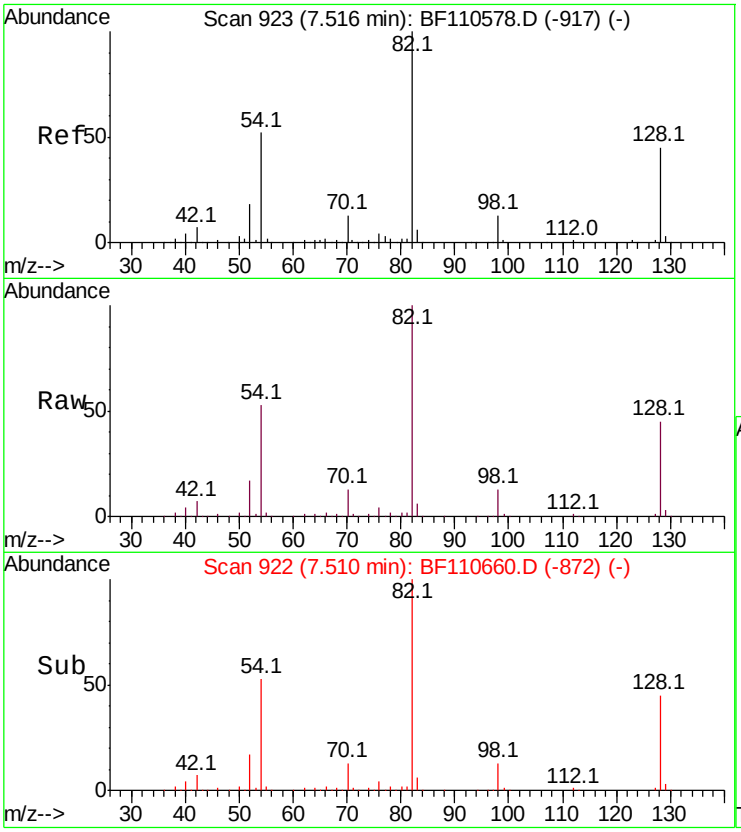


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110660.D
Acq: 10 Nov 2018 6:41

Tgt Ion:136 Resp: 291701

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.4	5.4	8.2
68	5.1	4.2	6.2



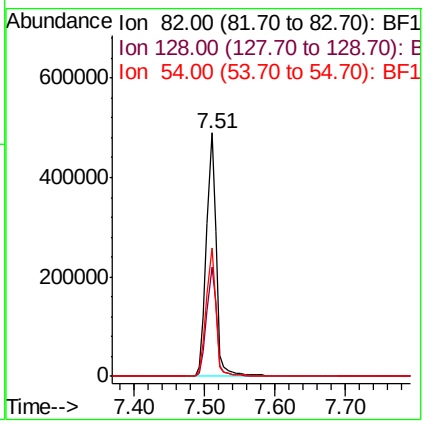


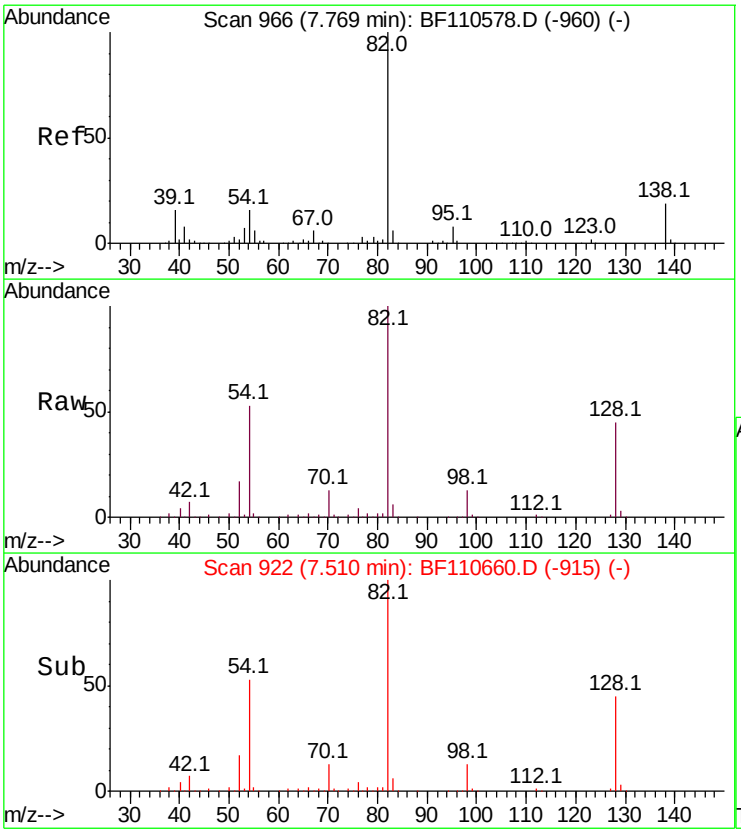
#23
Nitrobenzene-d5
Concen: 94.319 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110660.D
Acq: 10 Nov 2018 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 477742

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.2	51.2
54	52.9	38.6	58.0

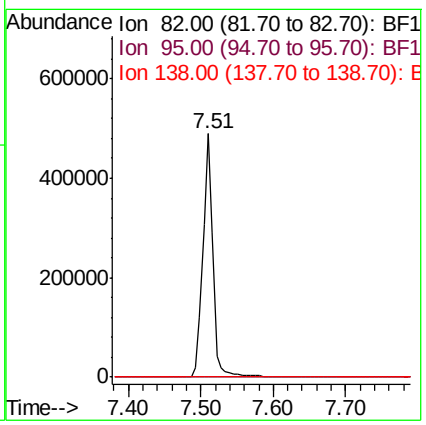


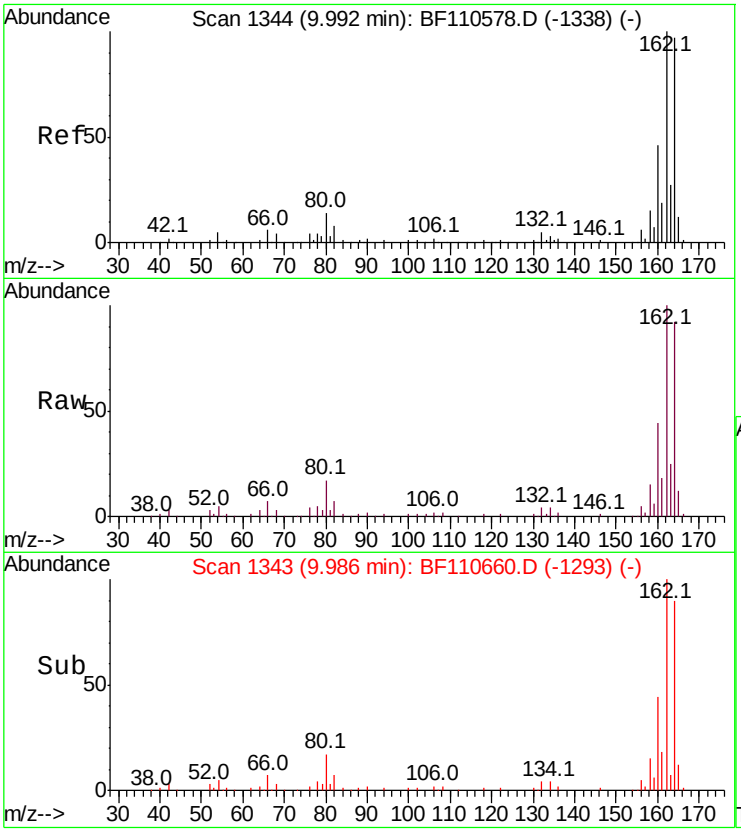


#25
Isophorone
Concen: 57.546 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110660.D
Acq: 10 Nov 2018 6:41

Tgt Ion: 82 Resp: 477739

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



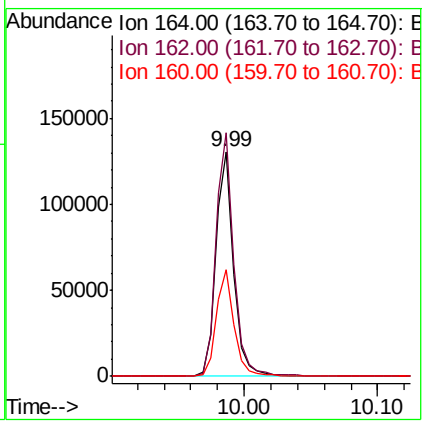


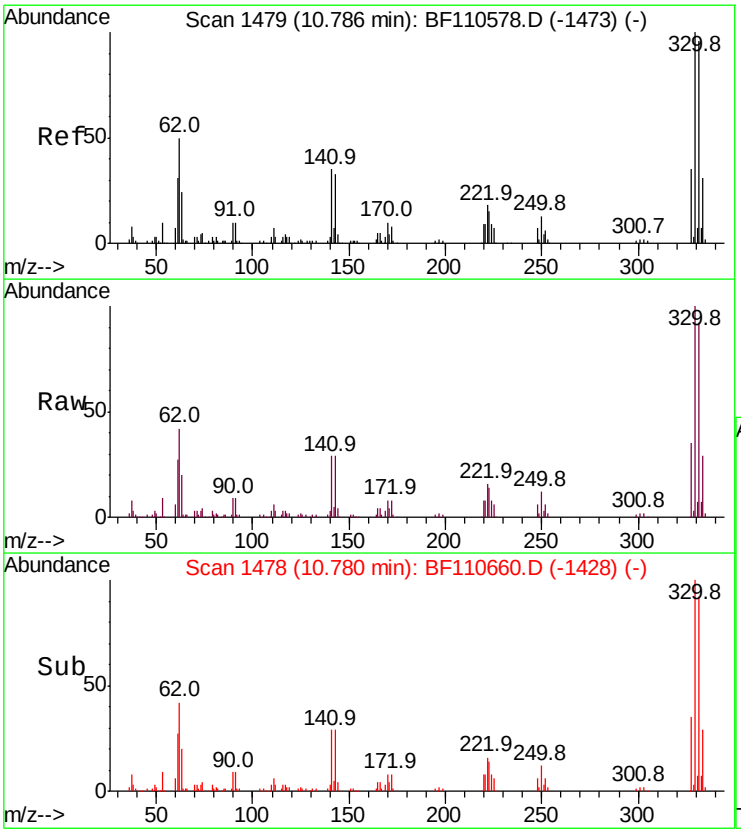
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110660.D
Acq: 10 Nov 2018 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 122396

Ion	Ratio	Lower	Upper
164	100		
162	108.5	83.0	124.6
160	47.7	37.0	55.6

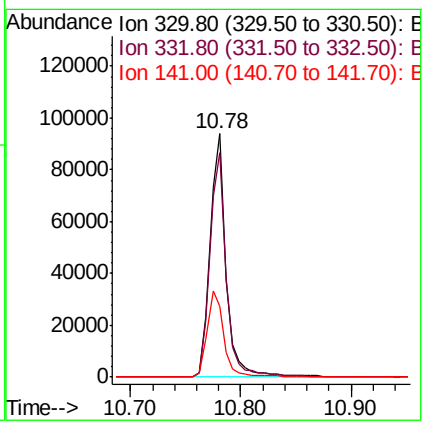


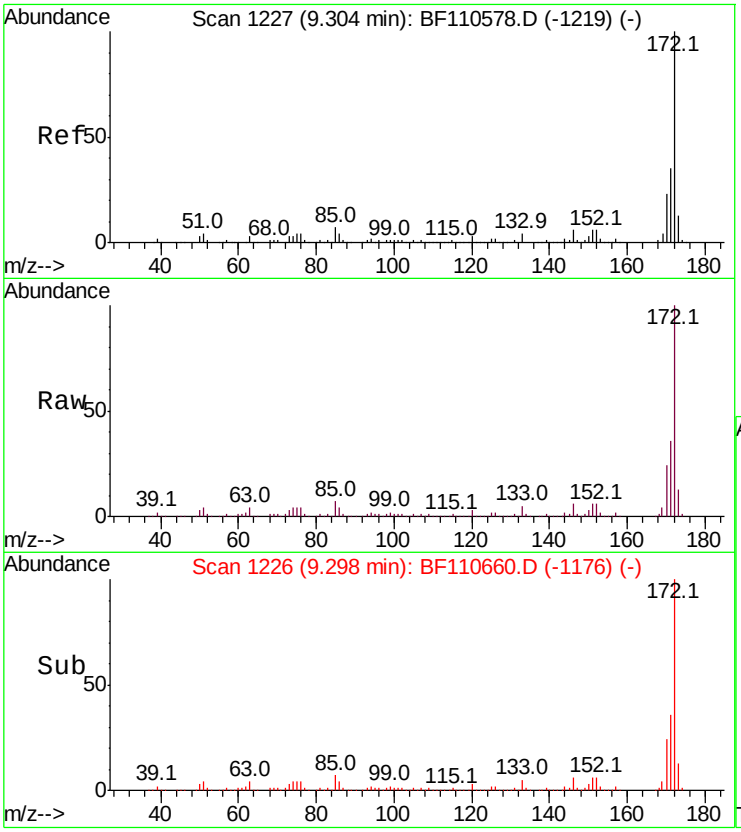


#42
2,4,6-Tribromophenol
Concen: 75.010 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110660.D
Acq: 10 Nov 2018 6:41

Tgt Ion:330 Resp: 92509

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.1	115.7
141	36.3	27.0	40.4



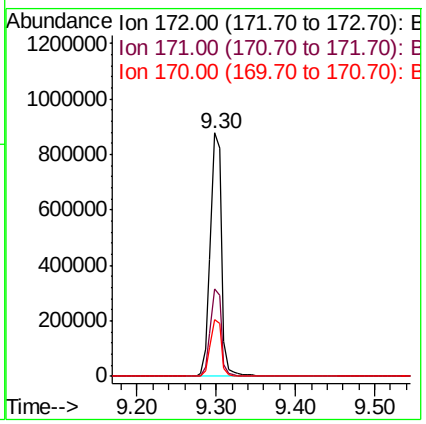


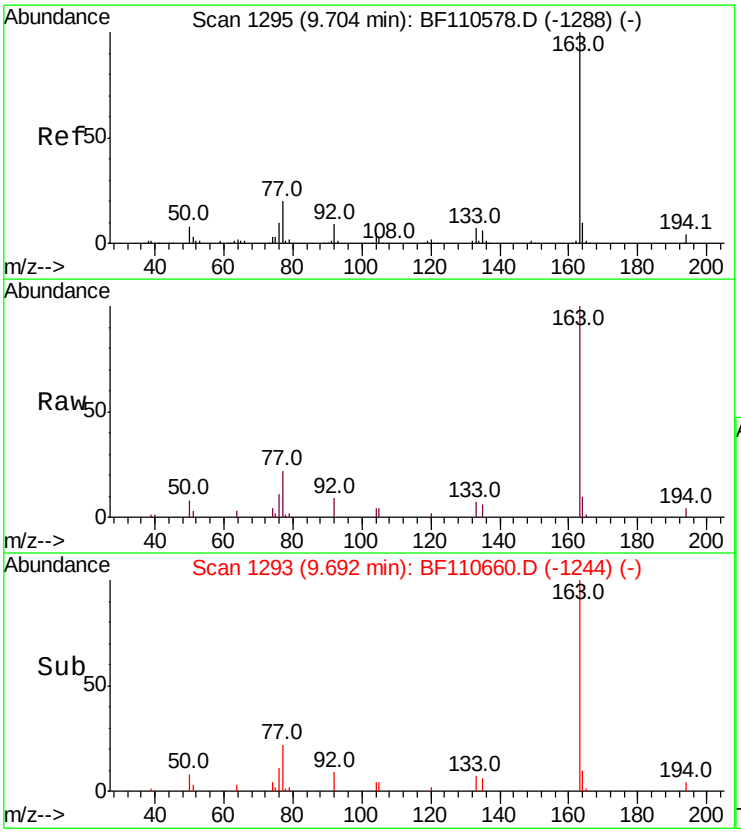
#45
2-Fluorobiphenyl
Concen: 100.648 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110660.D
Acq: 10 Nov 2018 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 862560

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.6	19.7	29.5

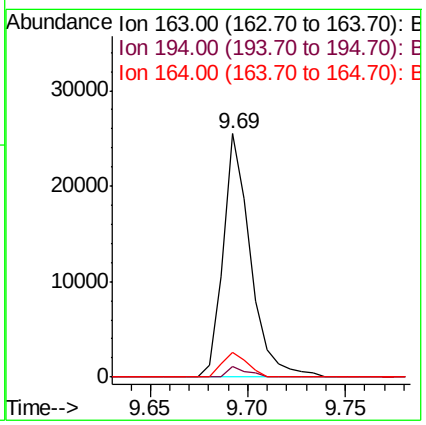


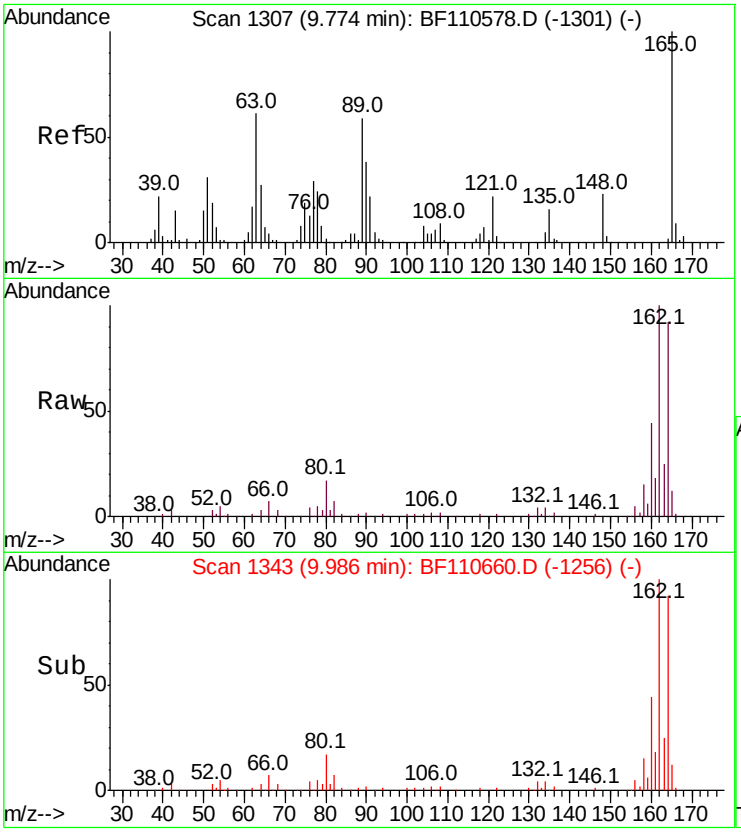


#50
Dimethylphthalate
Concen: 2.701 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110660.D
Acq: 10 Nov 2018 6:41

Tgt Ion:163 Resp: 24671

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.1	8.1	12.1



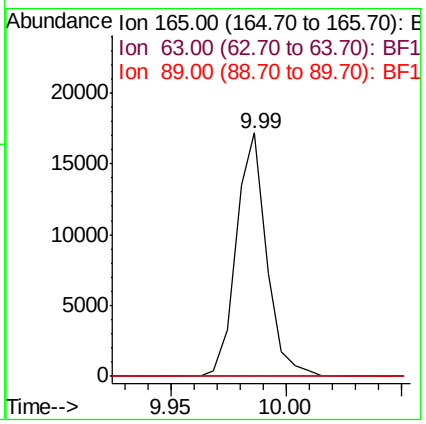


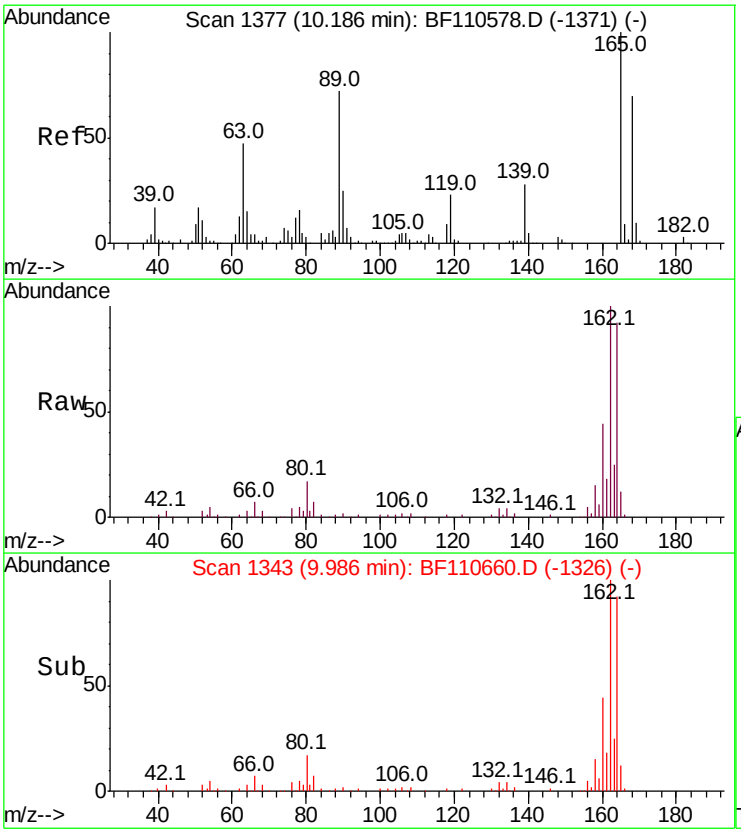
#51
2,6-Dinitrotoluene
Concen: 7.816 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110660.D
Acq: 10 Nov 2018 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15703

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

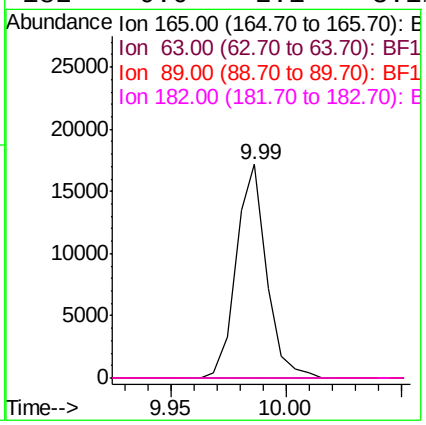


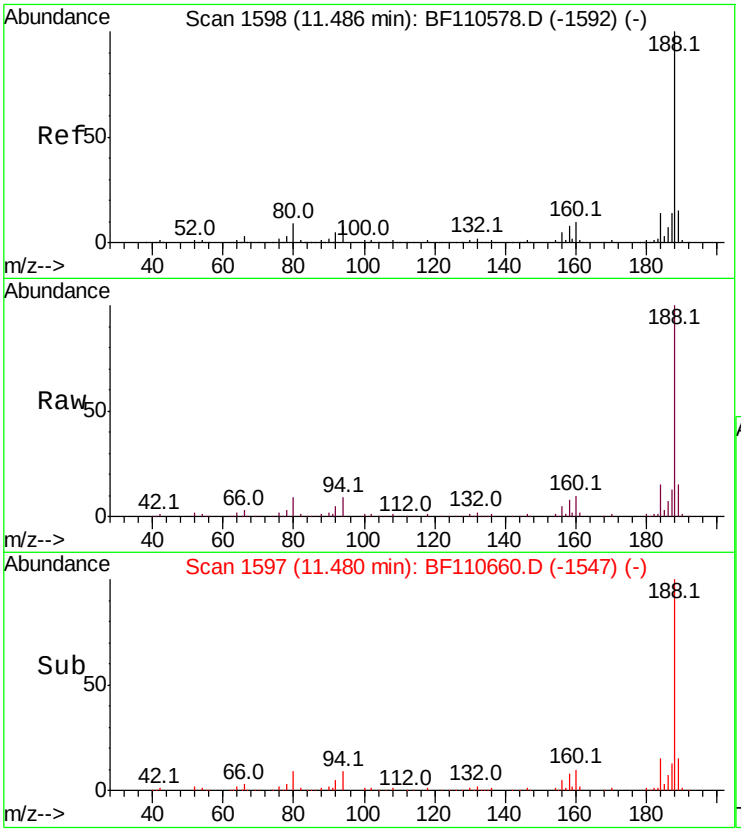


#57
2,4-Dinitrotoluene
Concen: 6.011 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110660.D
Acq: 10 Nov 2018 6:41

Tgt Ion:165 Resp: 15703

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#



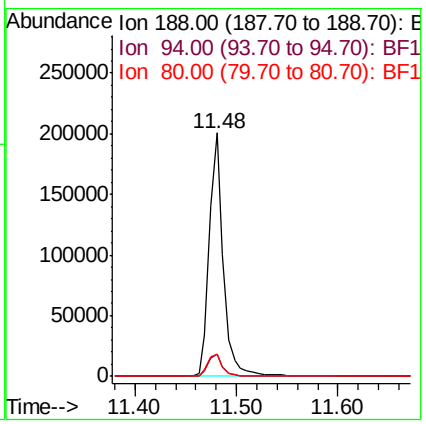


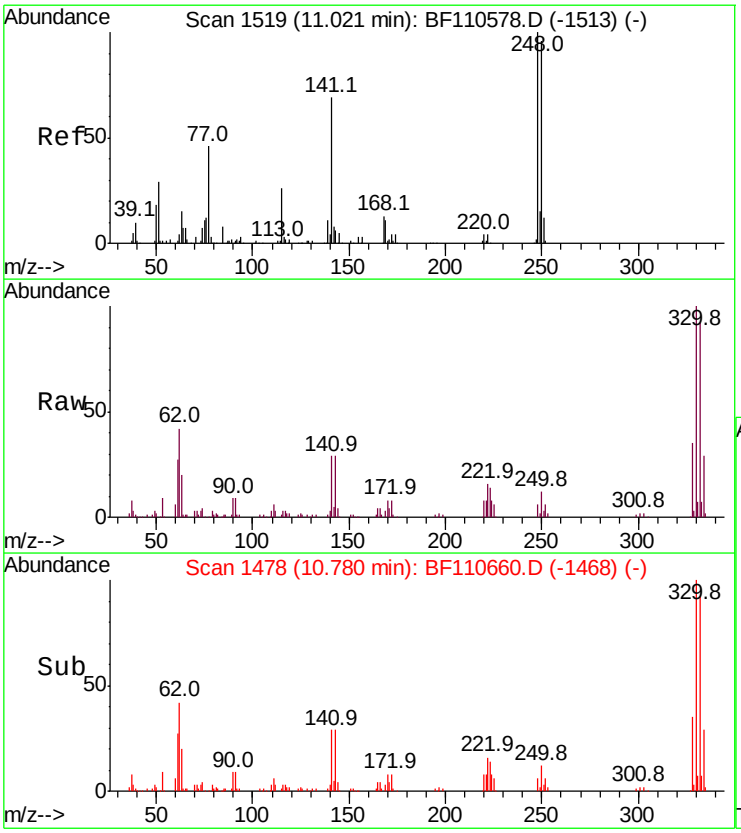
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110660.D
Acq: 10 Nov 2018 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 192313

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.3	7.9	11.9

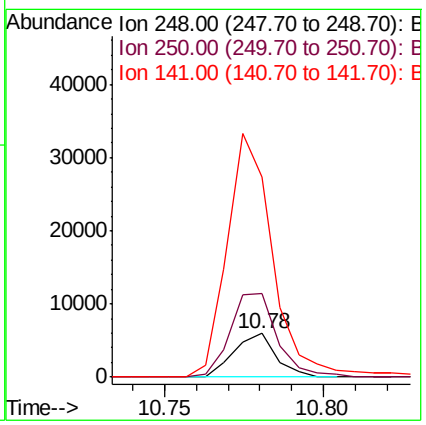


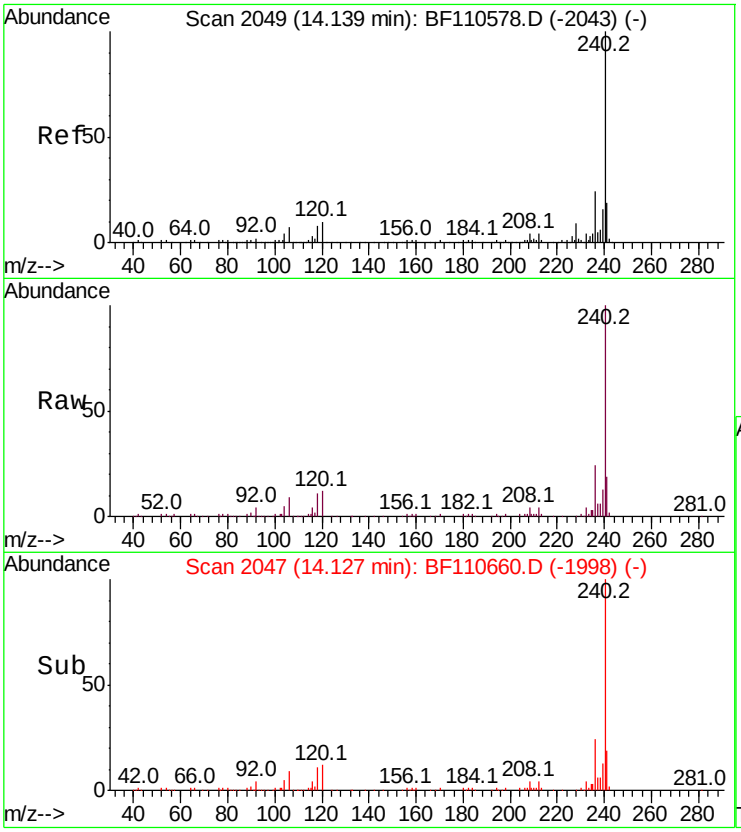


#67
4-Bromophenyl-phenylether
Concen: 2.556 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110660.D
Acq: 10 Nov 2018 6:41

Tgt Ion:248 Resp: 5433

Ion	Ratio	Lower	Upper
248	100		
250	193.2	79.4	119.2#
141	460.1	55.9	83.9#



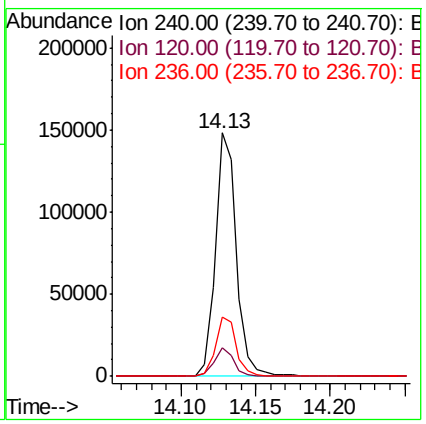


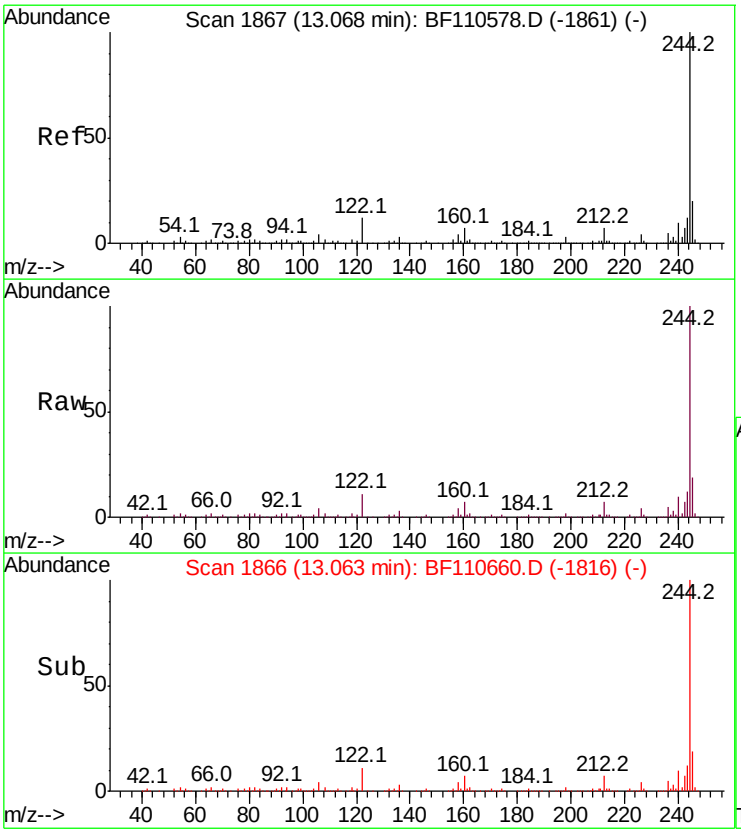
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110660.D
Acq: 10 Nov 2018 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 145072

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.3	12.5
236	24.3	21.2	31.8

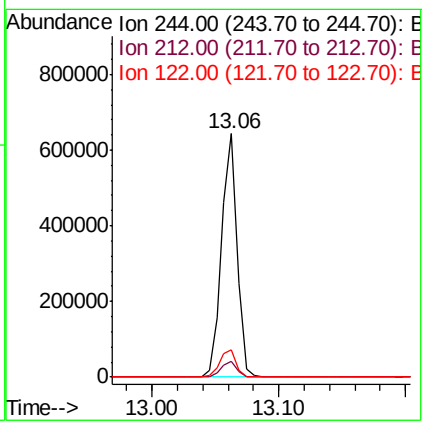


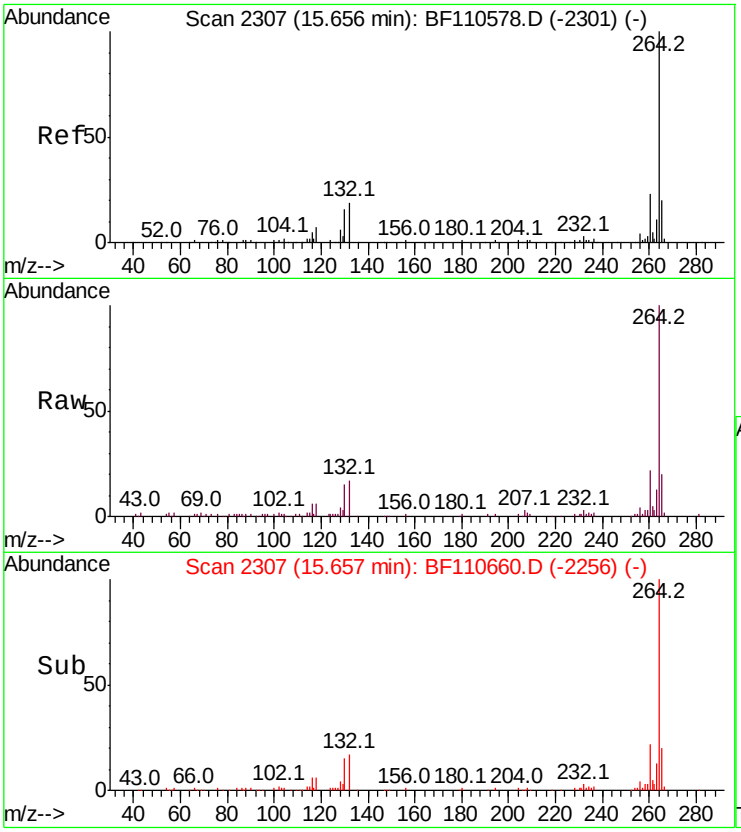


#79
Terphenyl-d14
Concen: 71.321 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110660.D
Acq: 10 Nov 2018 6:41

Tgt Ion:244 Resp: 552478

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.2	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: BF110660.D
Acq: 10 Nov 2018 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 108915

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.7	28.1
265	20.3	16.7	25.1