Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110708.D
Acq On : 13 Nov 2018 7:39
Operator : JU/SJ
Sample : J5904-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 13 10:37:43 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	79770	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	330069	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	138085	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	218102	20.00	ng	0.00
76) Chrysene-d12	14.13	240	151331	20.00	ng	-0.01
87) Perylene-d12	15.66	264	113183	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	222409	45.29	ng	0.00
7) Phenol-d6	6.56	99	169729	27.03	ng	-0.01
23) Nitrobenzene-d5	7.51	82	570436	99.53	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	101493	72.94	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	1014187	104.90	ng	0.00
79) Terphenyl-d14	13.06	244	655358	81.10	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	75098	18.734	ng	# 81
25) Isophorone	7.51	82	570432	60.724	ng	# 67
50) Dimethylphthalate	9.69	163	29918	2.904	ng	# 98
51) 2,6-Dinitrotoluene	9.99	165	16866	7.441	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	16866	5.723	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	6145	2.549	ng	# 1
77) Benzidine	13.06	184	8440	2.028	ng	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110708.D
Acq On : 13 Nov 2018 7:39
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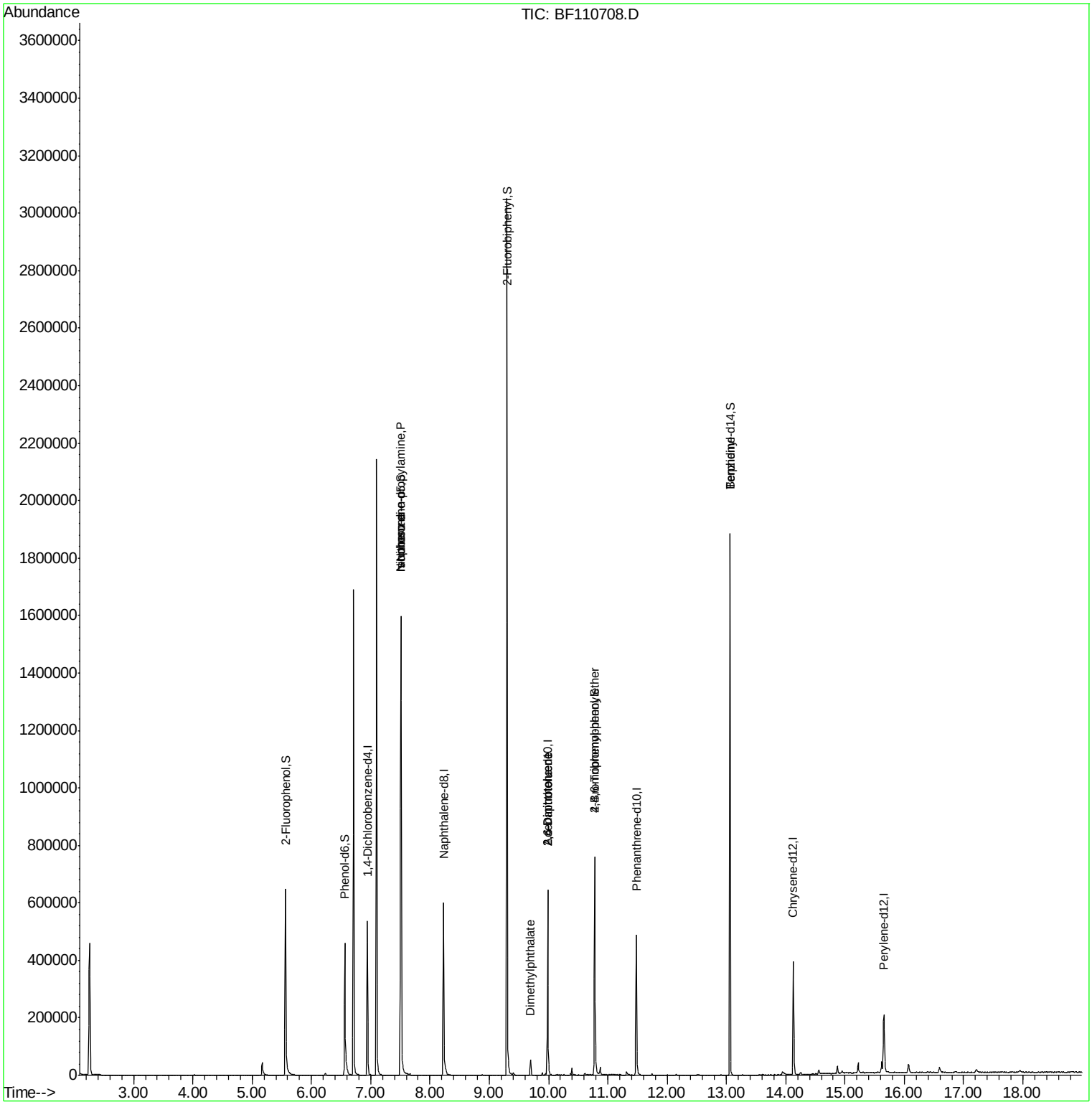
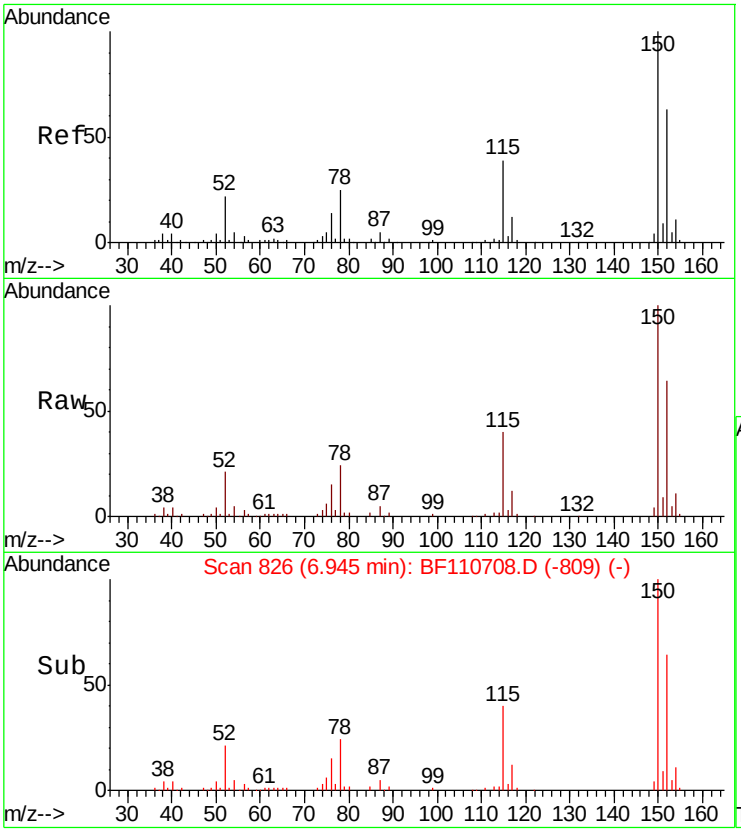
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration



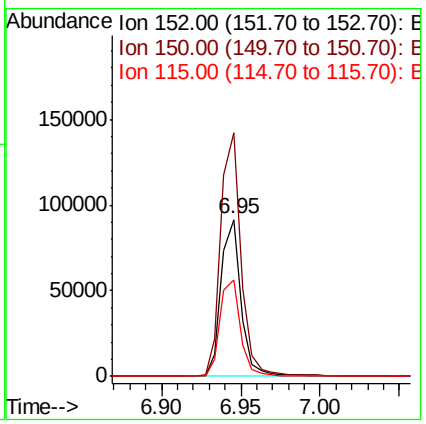


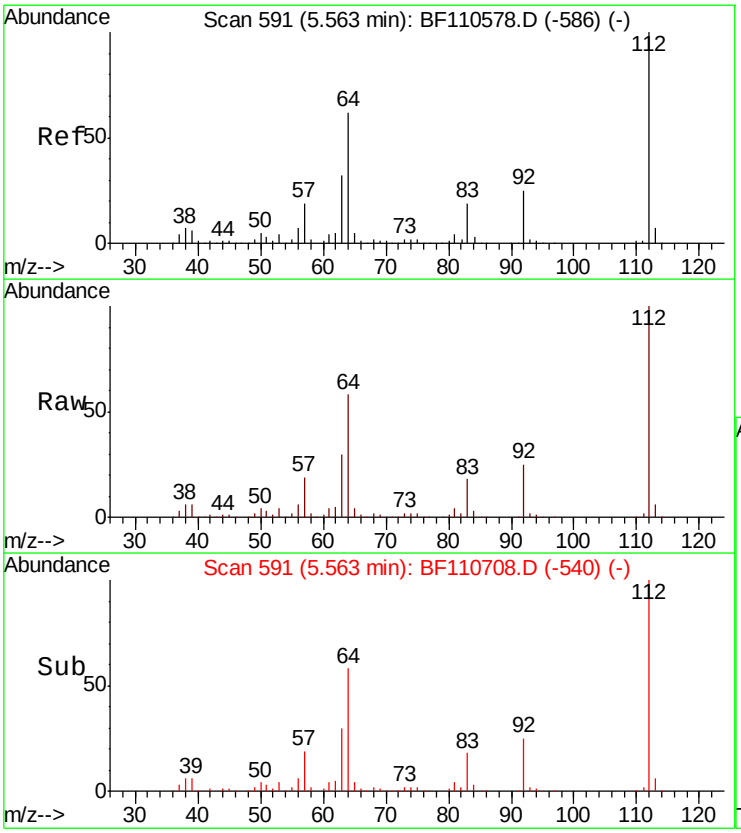
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110708.D
Acq: 13 Nov 2018 7:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 79770

Ion	Ratio	Lower	Upper
152	100		
150	155.3	122.7	184.1
115	61.7	49.1	73.7

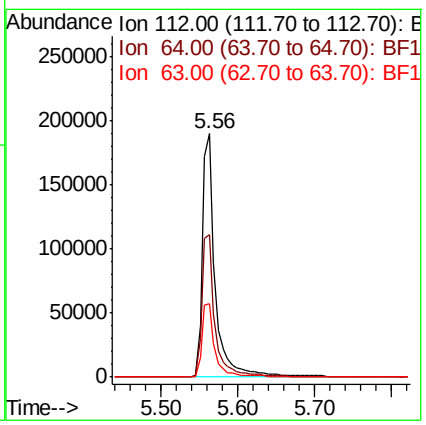


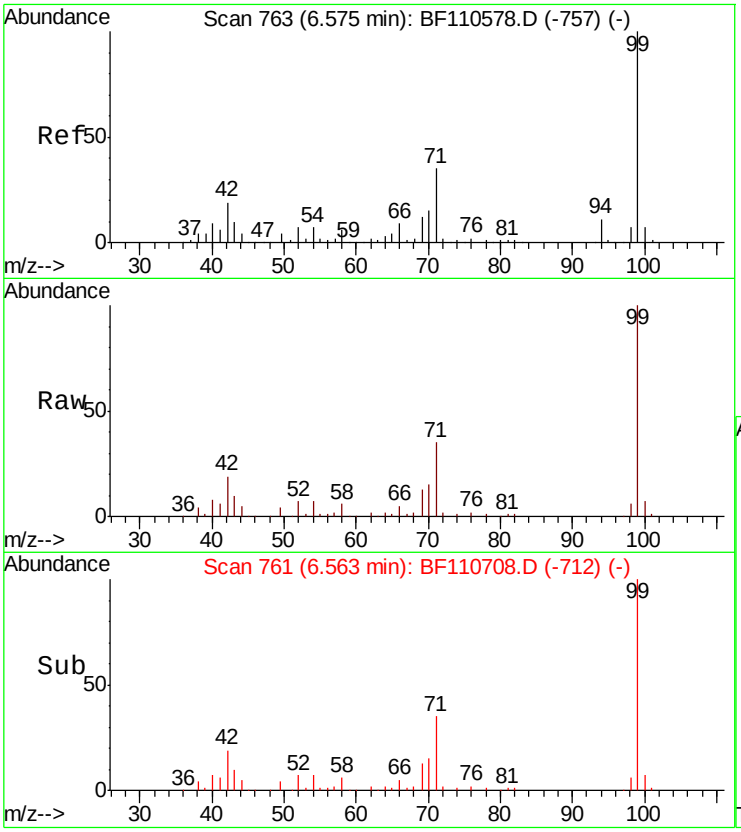


#5
2-Fluorophenol
Concen: 45.288 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110708.D
Acq: 13 Nov 2018 7:39

Tgt Ion:112 Resp: 222409

Ion	Ratio	Lower	Upper
112	100		
64	58.4	44.1	66.1
63	30.3	23.7	35.5



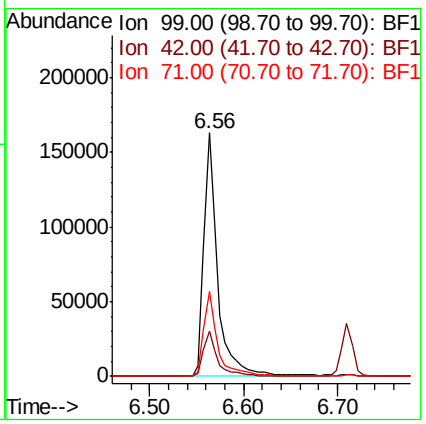


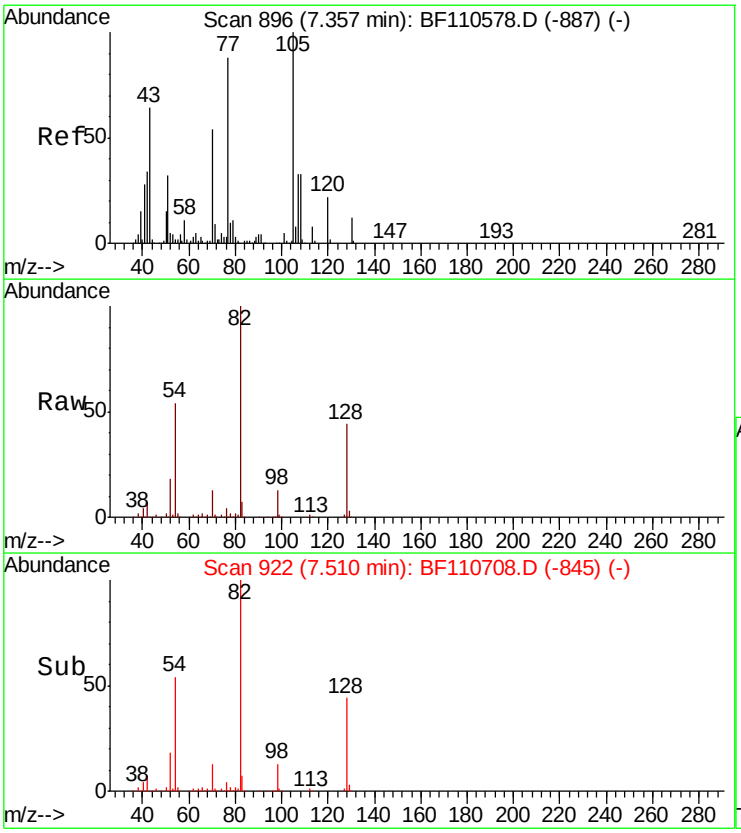
#7
Phenol-d6
Concen: 27.027 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110708.D
Acq: 13 Nov 2018 7:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 169729

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.8	23.6
71	34.9	28.0	42.0

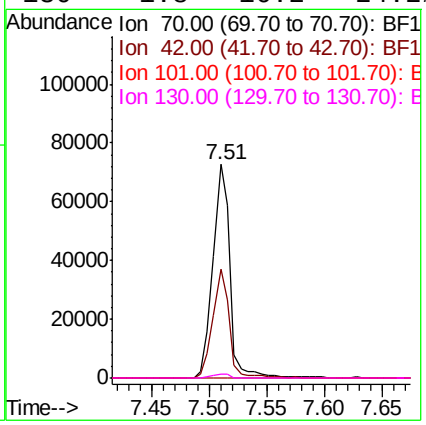


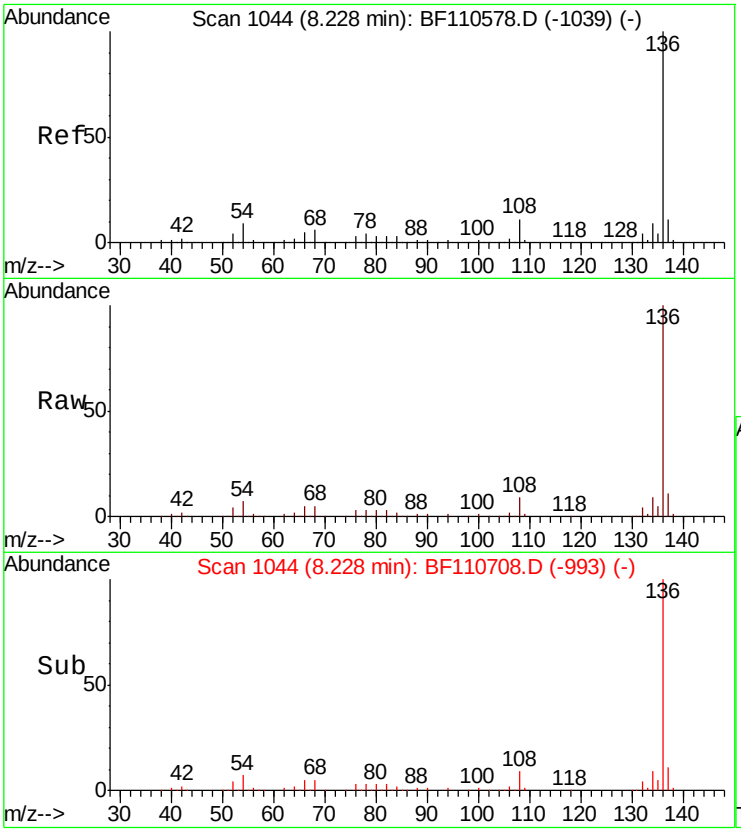


#19
n-Nitroso-di-n-propylamine
Concen: 18.734 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110708.D
Acq: 13 Nov 2018 7:39

Tgt Ion: 70 Resp: 75098

Ion	Ratio	Lower	Upper
70	100		
42	50.7	47.4	71.2
101	0.0	7.3	10.9#
130	1.8	16.2	24.2#



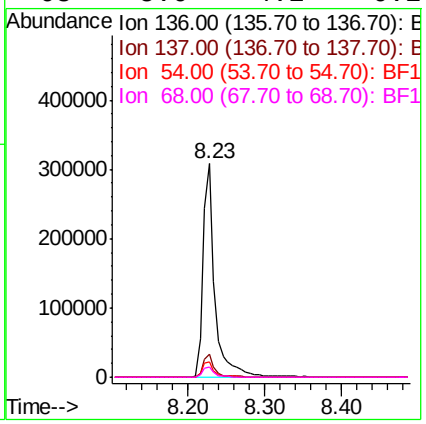


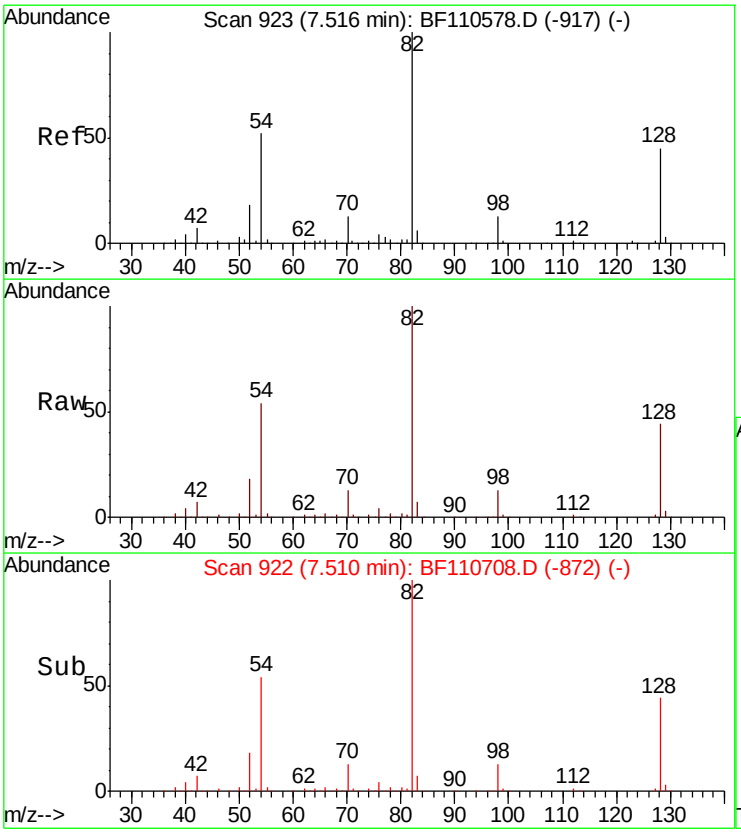
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110708.D
Acq: 13 Nov 2018 7:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 330069

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.4	5.4	8.2
68	5.0	4.2	6.2

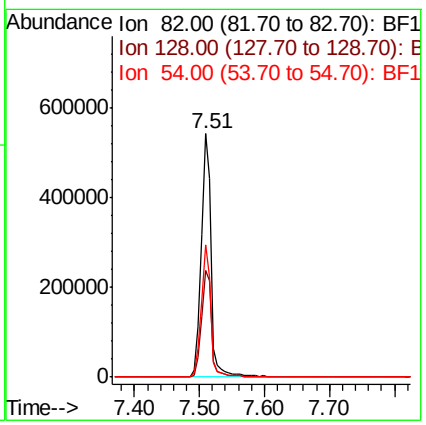


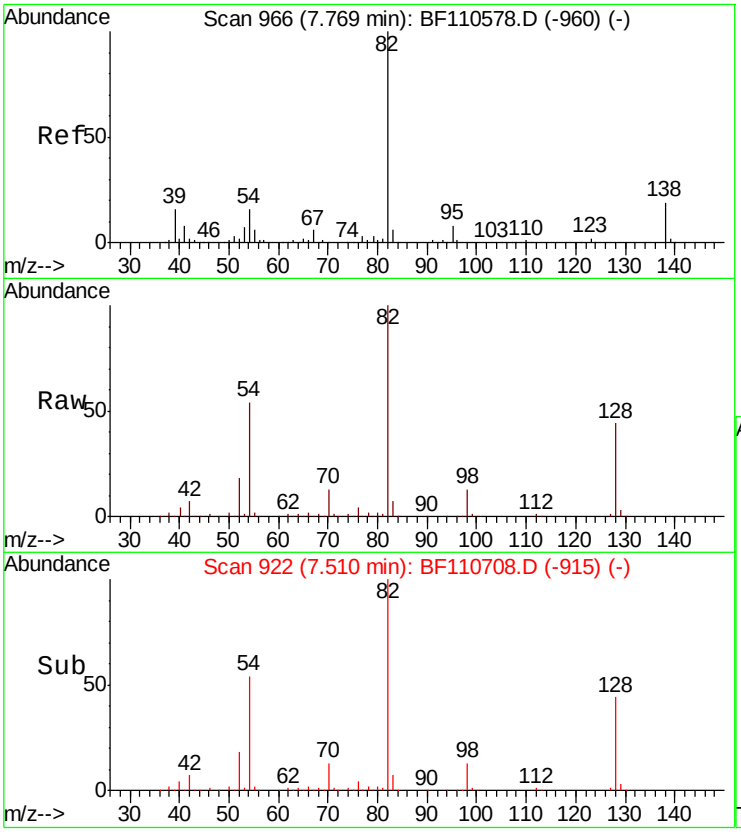


#23
Nitrobenzene-d5
Concen: 99.528 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110708.D
Acq: 13 Nov 2018 7:39

Tgt Ion: 82 Resp: 570436

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.2	51.2
54	54.1	38.6	58.0



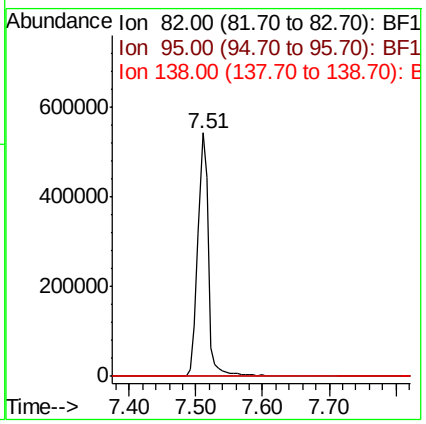


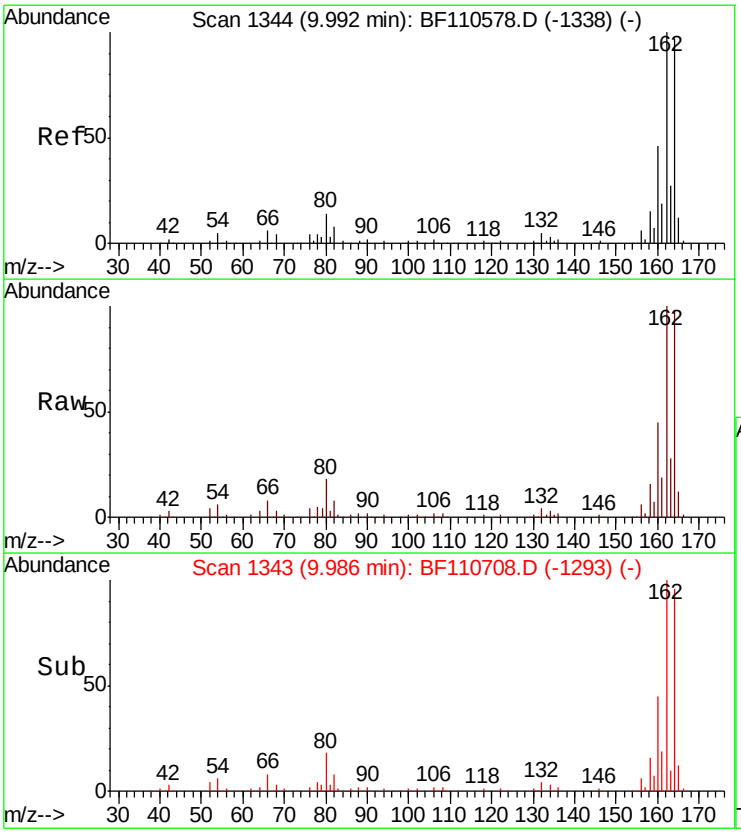
#25
Isophorone
Concen: 60.724 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110708.D
Acq: 13 Nov 2018 7:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 570432

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

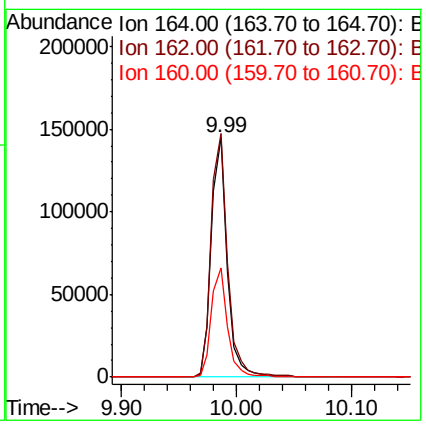


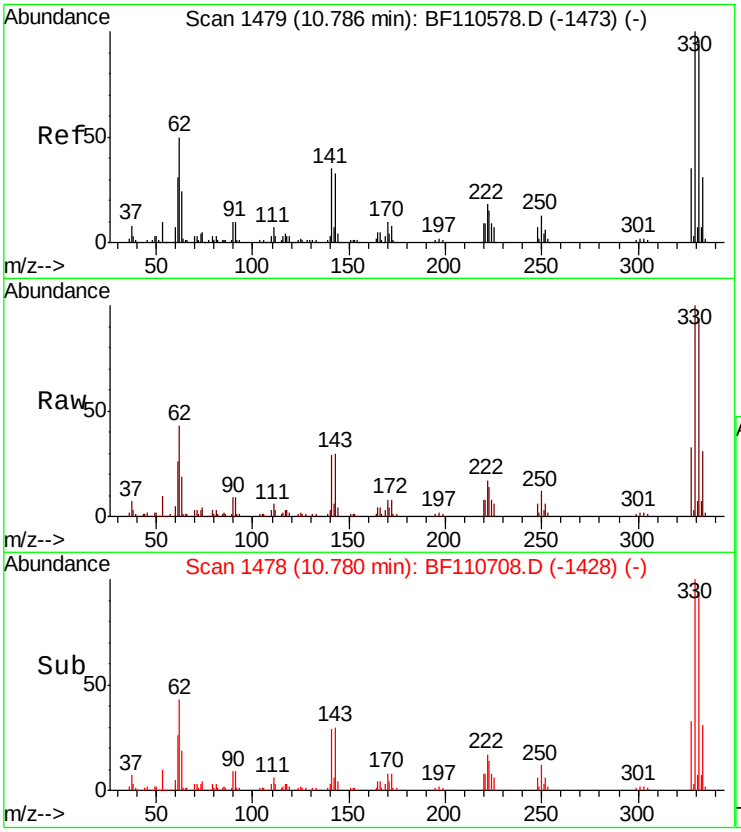


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110708.D
Acq: 13 Nov 2018 7:39

Tgt Ion:164 Resp: 138085

Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.0	124.6
160	45.7	37.0	55.6



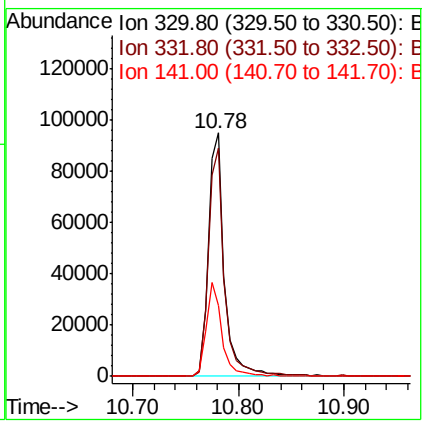


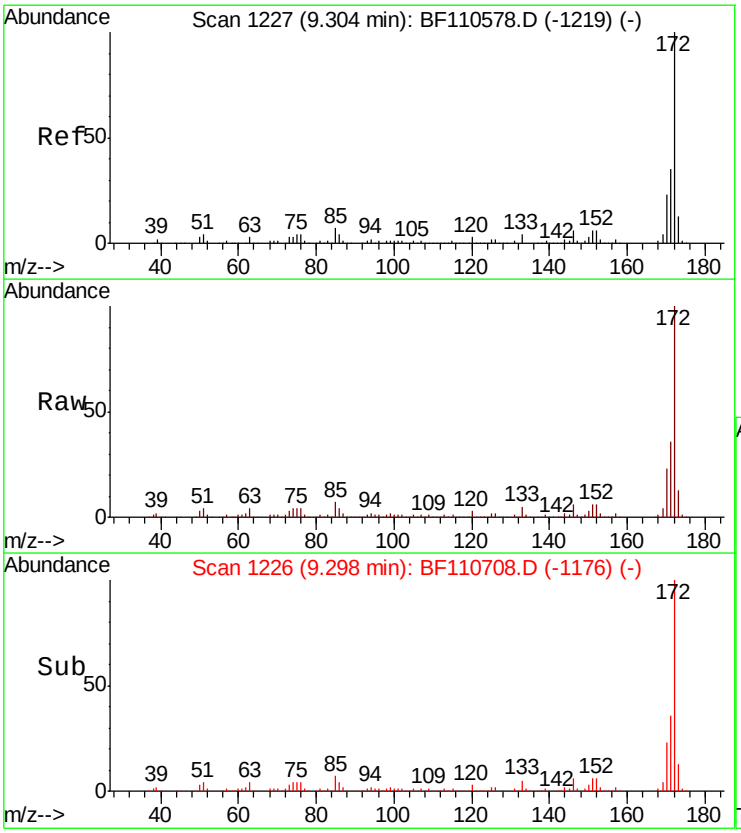
#42
2,4,6-Tribromophenol
Concen: 72.944 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110708.D
Acq: 13 Nov 2018 7:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 101493

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.1	115.7
141	38.0	27.0	40.4

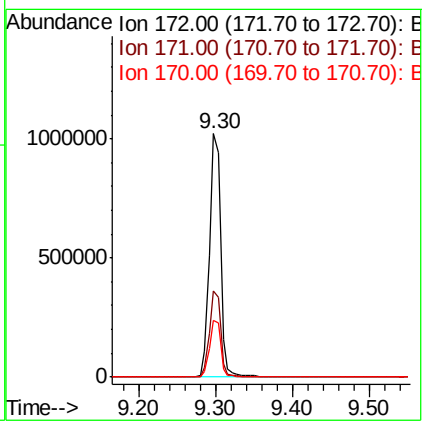


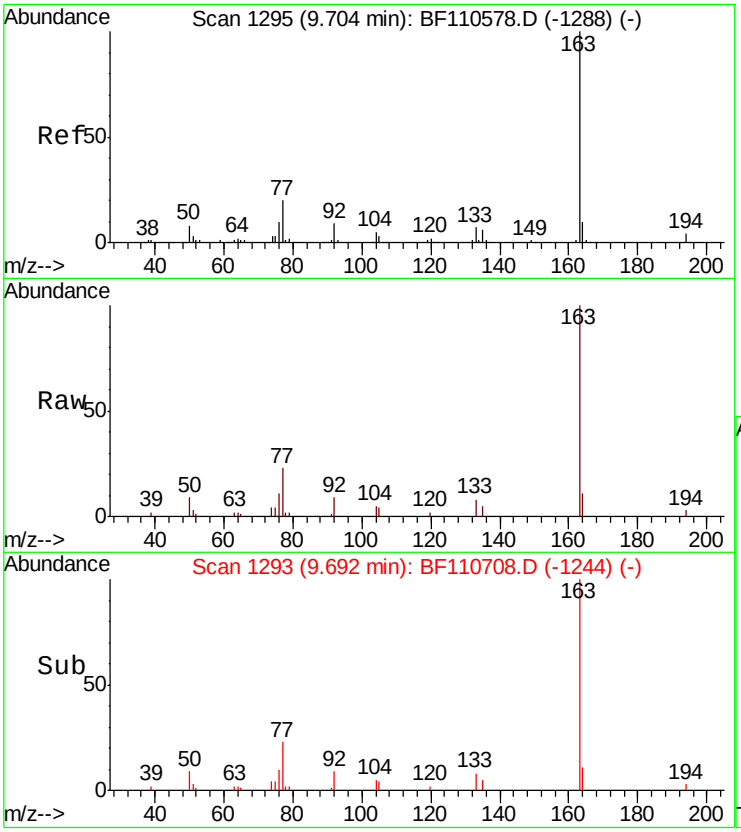


#45
2-Fluorobiphenyl
Concen: 104.895 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110708.D
Acq: 13 Nov 2018 7:39

Tgt Ion:172 Resp: 1014187

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.4	19.7	29.5



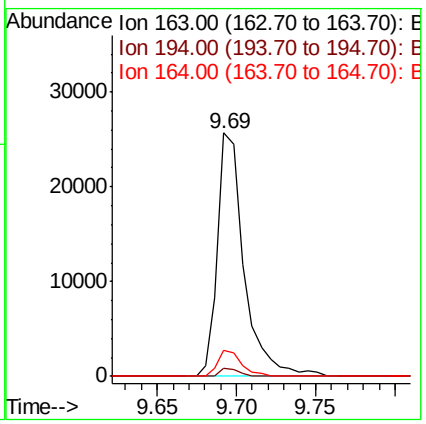


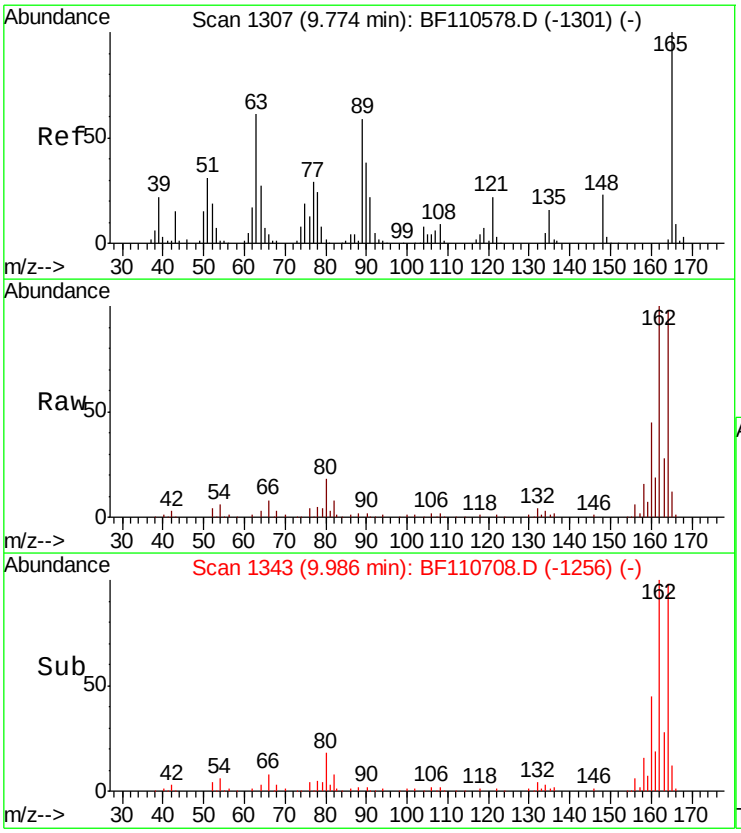
#50
Dimethylphthalate
Concen: 2.904 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110708.D
Acq: 13 Nov 2018 7:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 29918

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

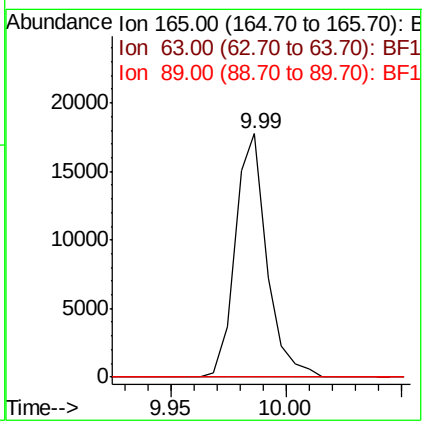


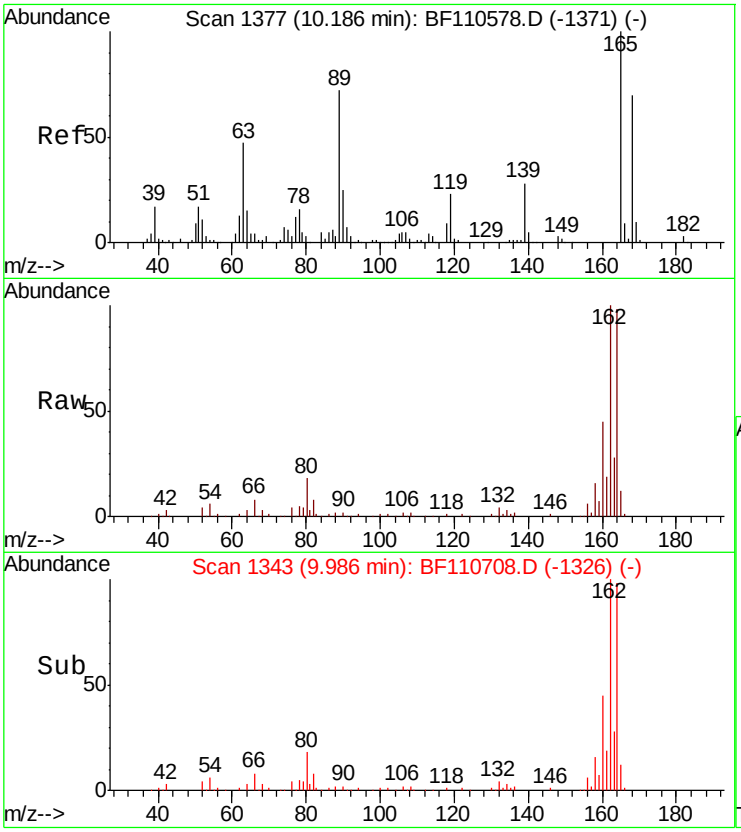


#51
2,6-Dinitrotoluene
Concen: 7.441 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110708.D
Acq: 13 Nov 2018 7:39

Tgt Ion:165 Resp: 16866

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



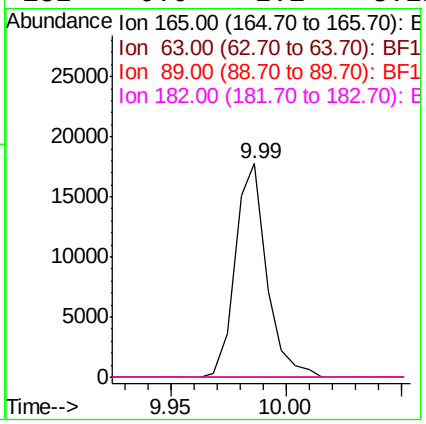


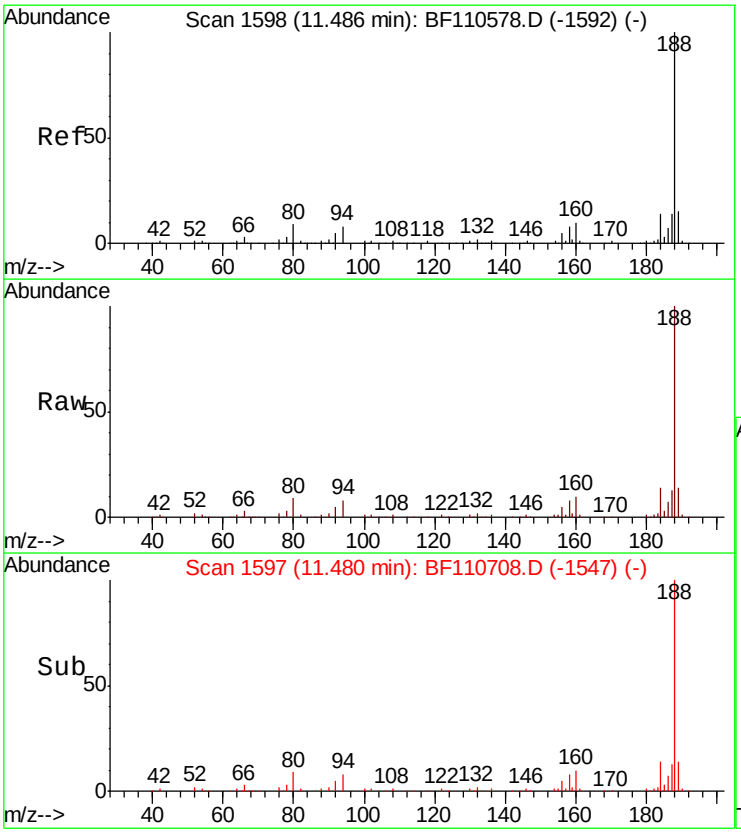
#57
2,4-Dinitrotoluene
Concen: 5.723 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110708.D
Acq: 13 Nov 2018 7:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 16866

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#

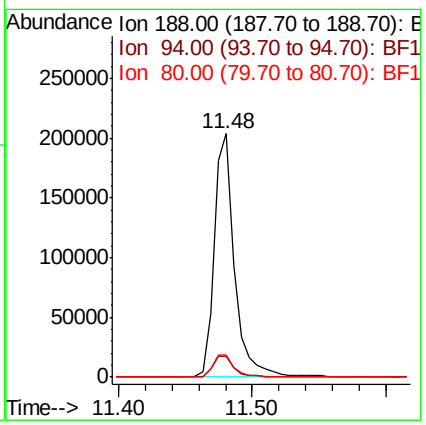


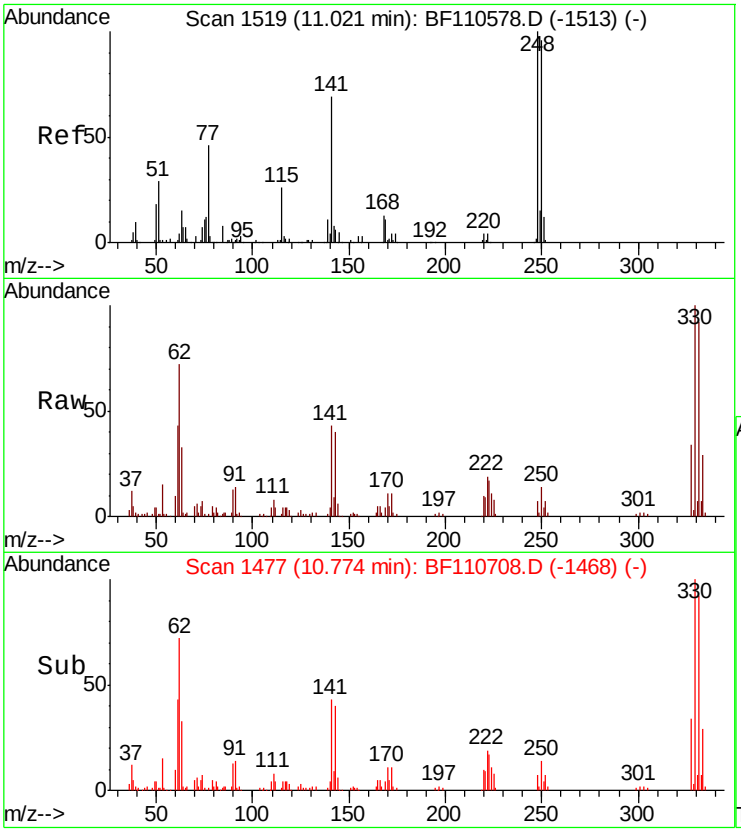


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110708.D
Acq: 13 Nov 2018 7:39

Tgt Ion:188 Resp: 218102

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	9.1	7.9	11.9



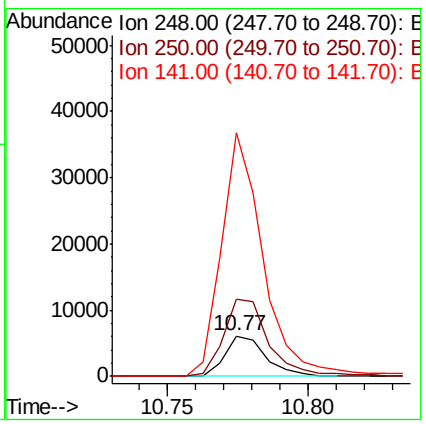


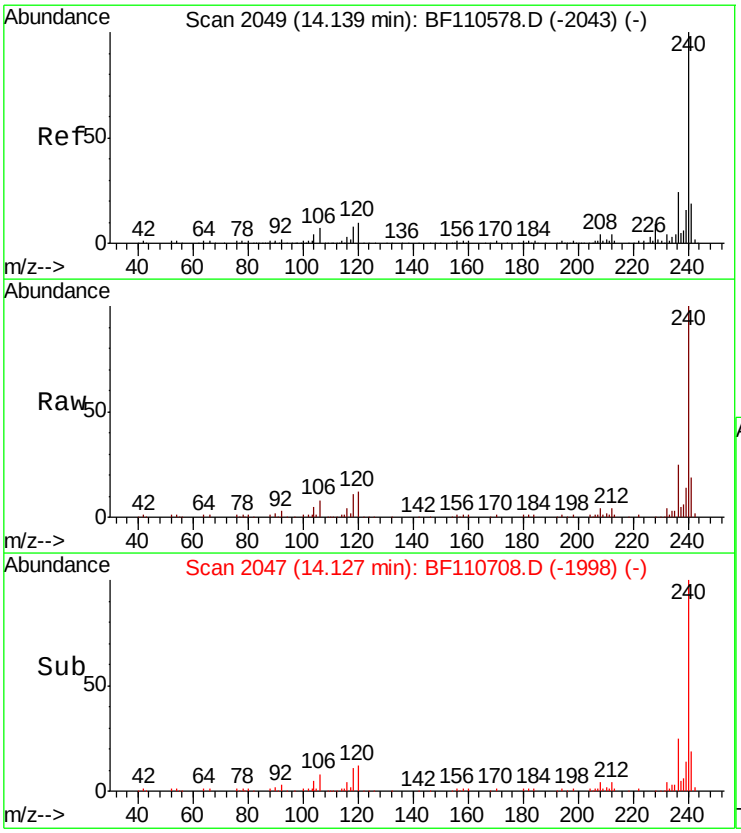
#67
4-Bromophenyl-phenylether
Concen: 2.549 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110708.D
Acq: 13 Nov 2018 7:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6145

Ion	Ratio	Lower	Upper
248	100		
250	190.8	79.4	119.2#
141	598.4	55.9	83.9#

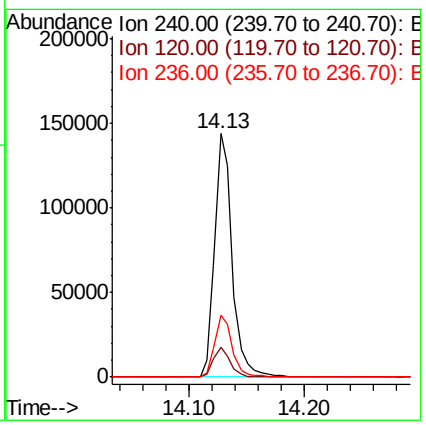


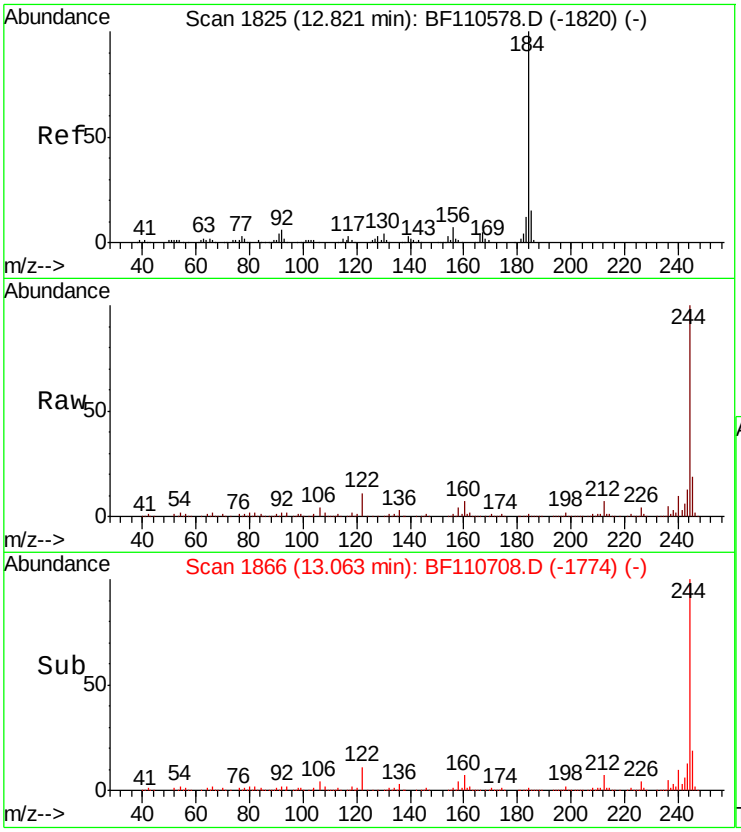


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110708.D
Acq: 13 Nov 2018 7:39

Tgt Ion:240 Resp: 151331

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.3	12.5
236	25.3	21.2	31.8



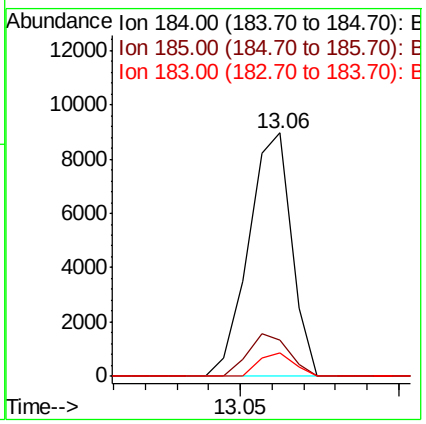


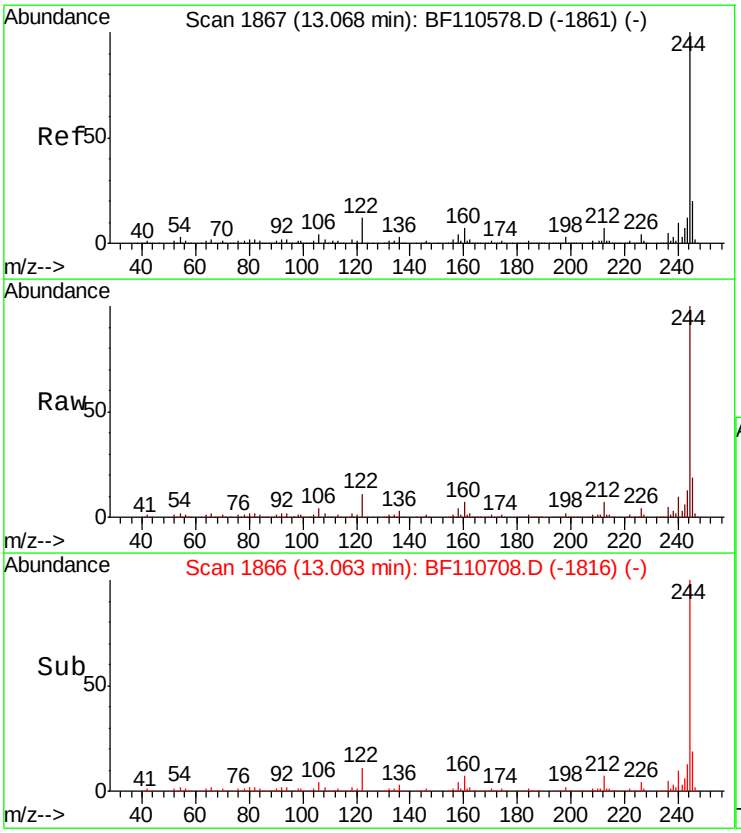
#77
Benzidine
Concen: 2.028 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.24 min
Lab File: BF110708.D
Acq: 13 Nov 2018 7:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 8440

Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.4	20.2
183	9.7	9.4	14.2

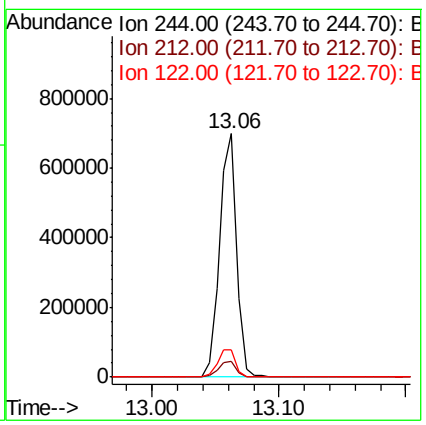


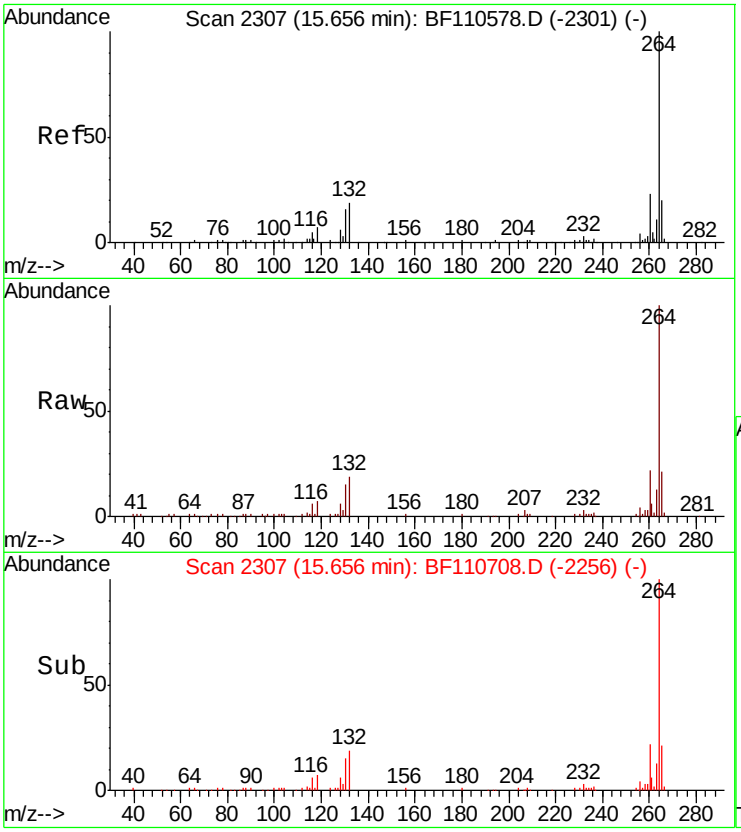


#79
Terphenyl-d14
Concen: 81.102 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110708.D
Acq: 13 Nov 2018 7:39

Tgt Ion:244 Resp: 655358

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.3	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: BF110708.D
Acq: 13 Nov 2018 7:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 113183

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.7	28.1
265	21.4	16.7	25.1