Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF111011.D
Acq On : 27 Nov 2018 15:56
Operator : JU/SJ
Sample : J6050-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 27 17:29:00 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	6.94	152	47921	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	170032	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	70340	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	143661	20.00	ng		0.00
76) Chrysene-d12	14.14	240	116489	20.00	ng		0.00
87) Perylene-d12	15.67	264	75224	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	149271	51.66	ng		0.01
7) Phenol-d6	6.57	99	102894	27.32	ng		0.00
23) Nitrobenzene-d5	7.50	82	232672	78.31	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	78177	111.91	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	363552	74.88	ng		0.00
79) Terphenyl-d14	13.06	244	459361	76.76	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.50	70	30036	12.244	ng	#	81
25) Isophorone	7.50	82	232672	47.742	ng	#	67
51) 2,6-Dinitrotoluene	9.98	165	8990	7.828	ng	#	21
52) Acenaphthene	10.02	154	16473	3.843	ng		96
56) 4-Nitrophenol	10.20	139	111	4.379	ng	#	6
57) 2,4-Dinitrotoluene	9.98	165	8990	6.034	ng	#	17
67) 4-Bromophenyl-phenylether	10.78	248	4954	3.166	ng	#	1
75) Fluoranthene	12.70	202	18466	2.361	ng		94
77) Benzidine	13.06	184	6392	2.145	ng	#	93

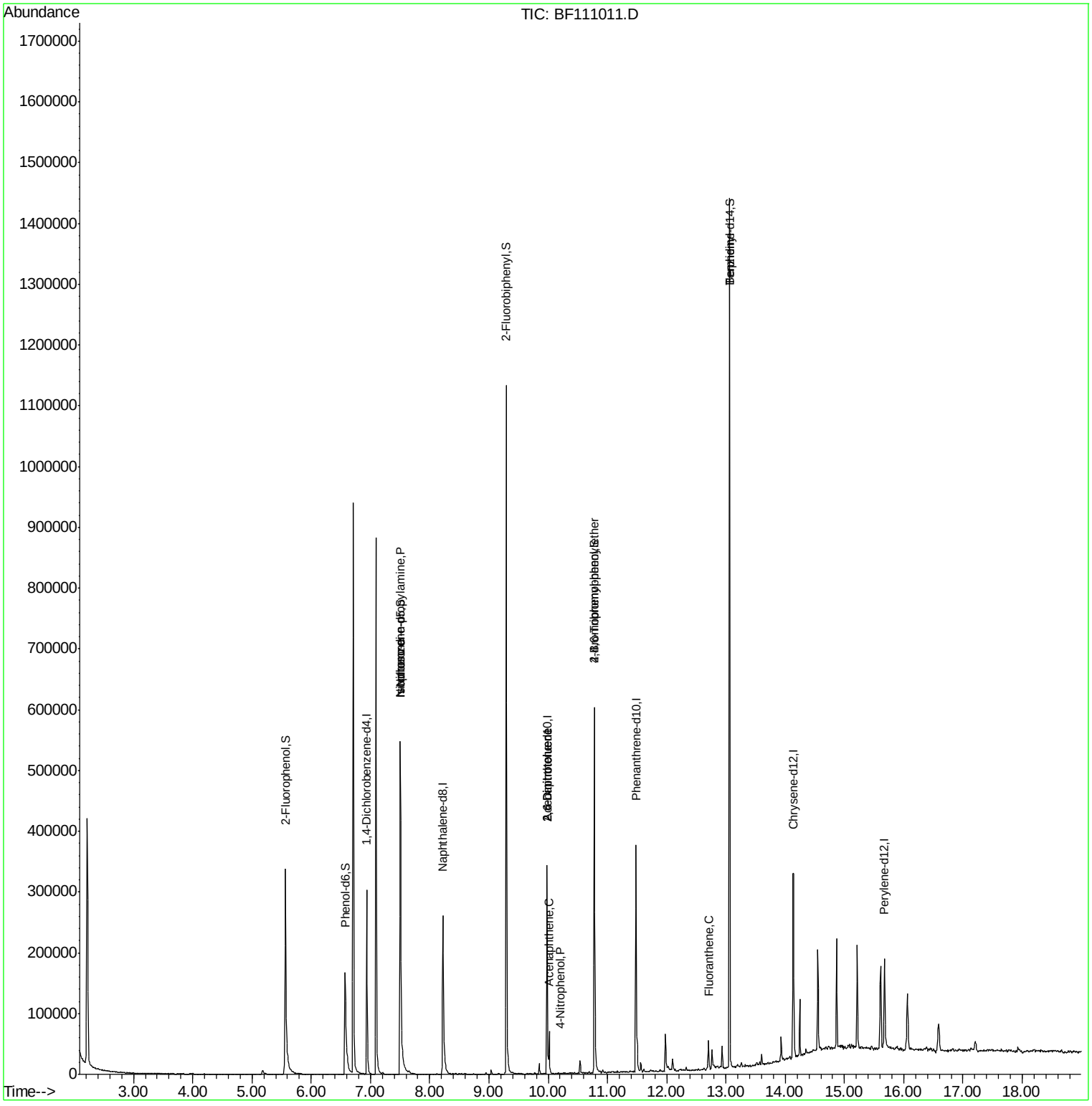
(#) = qualifier out of range (m) = manual integration (+) = signals summed

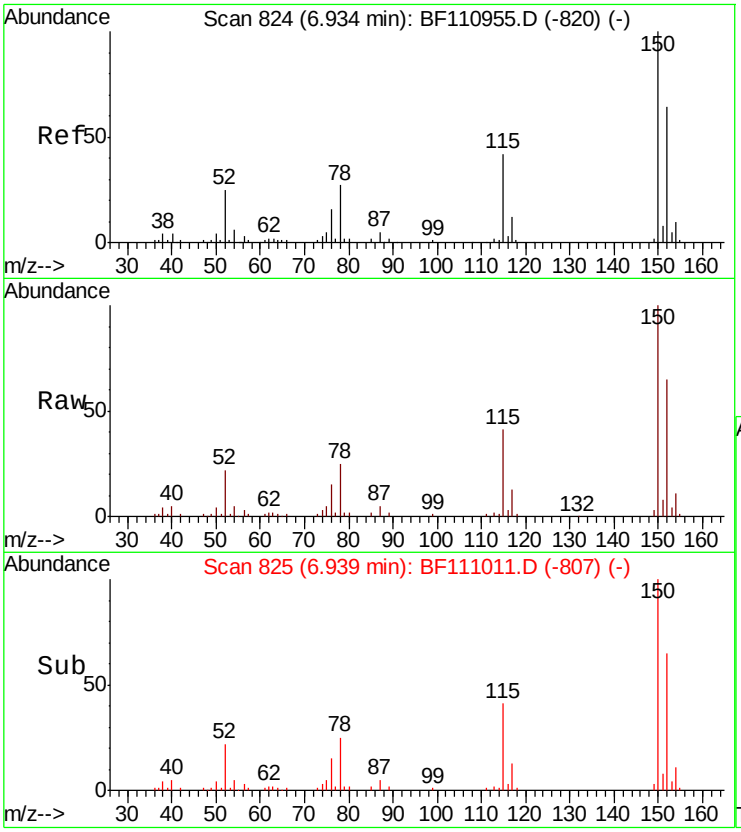
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF111011.D
Acq On : 27 Nov 2018 15:56
Operator : JU/SJ
Sample : J6050-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 27 17:29:00 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



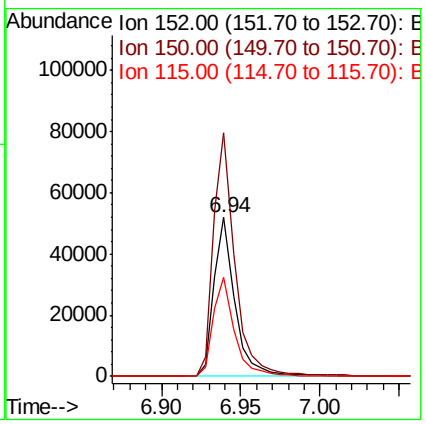


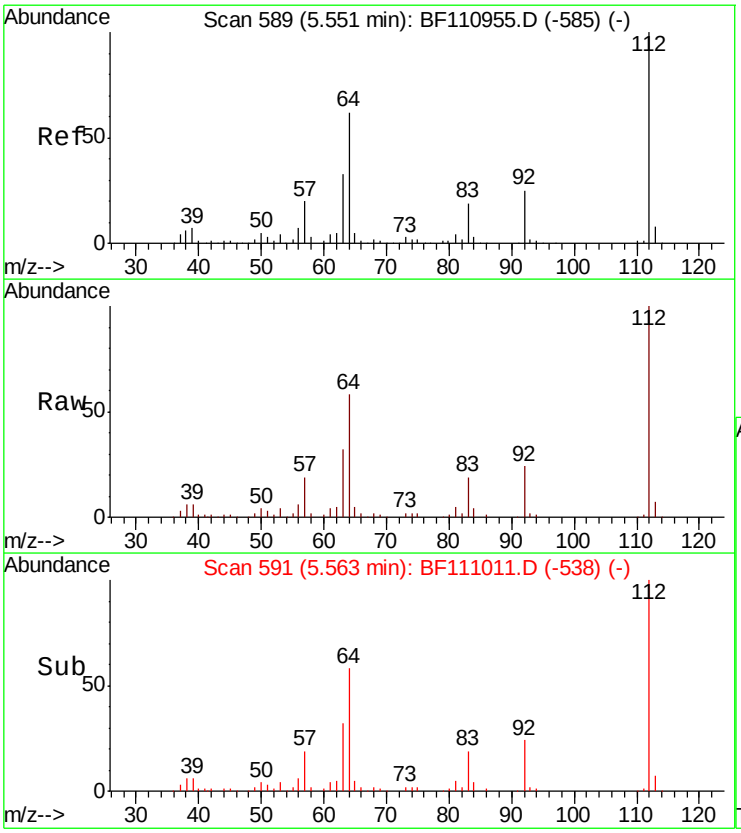
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 47921

Ion	Ratio	Lower	Upper
152	100		
150	153.6	122.7	184.1
115	62.3	49.1	73.7

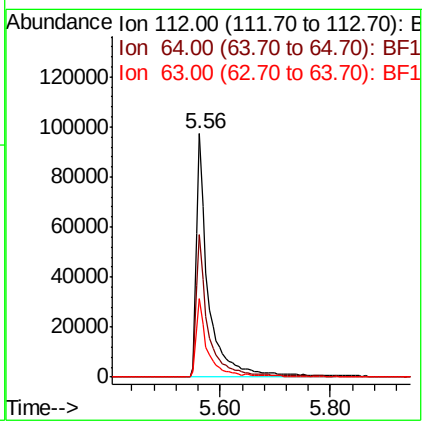


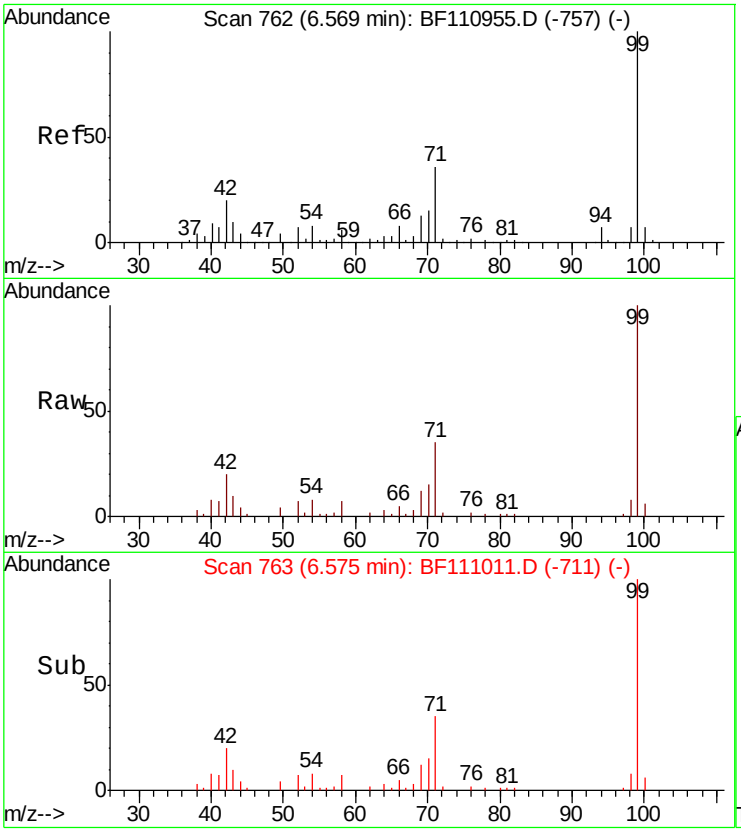


#5
2-Fluorophenol
Concen: 51.656 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Tgt Ion:112 Resp: 149271

Ion	Ratio	Lower	Upper
112	100		
64	58.3	44.1	66.1
63	32.4	23.7	35.5



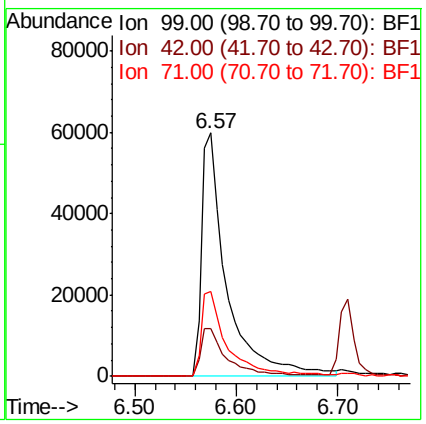


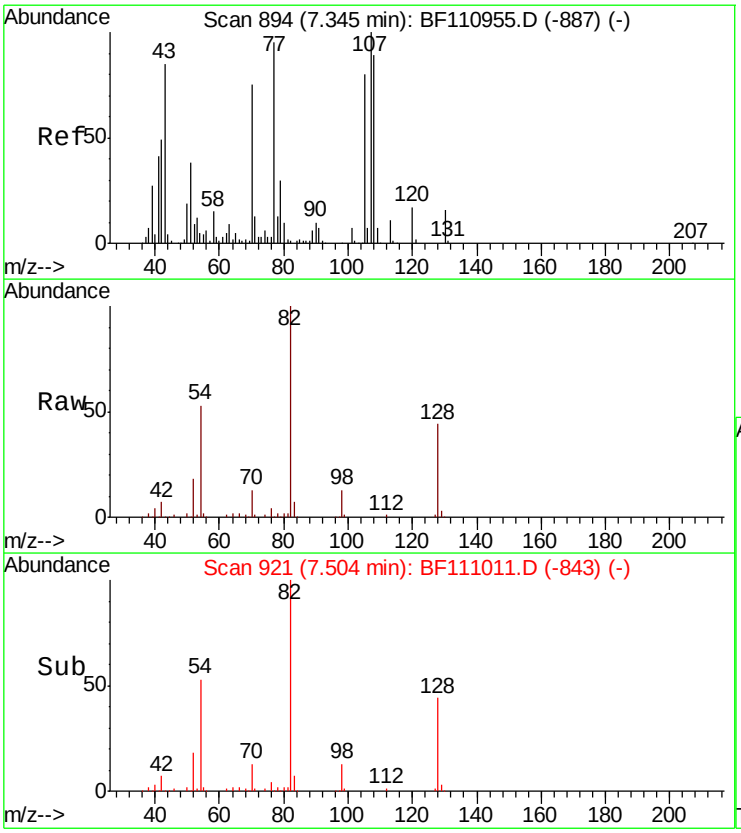
#7
Phenol-d6
Concen: 27.323 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 102894

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	34.7	28.0	42.0

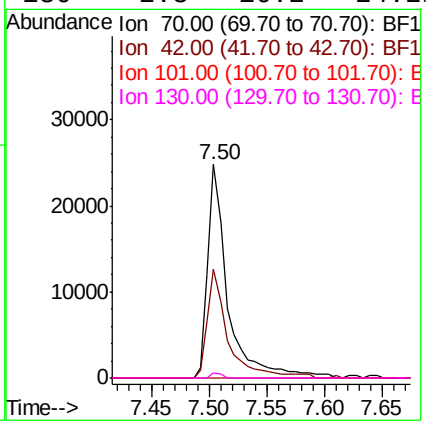


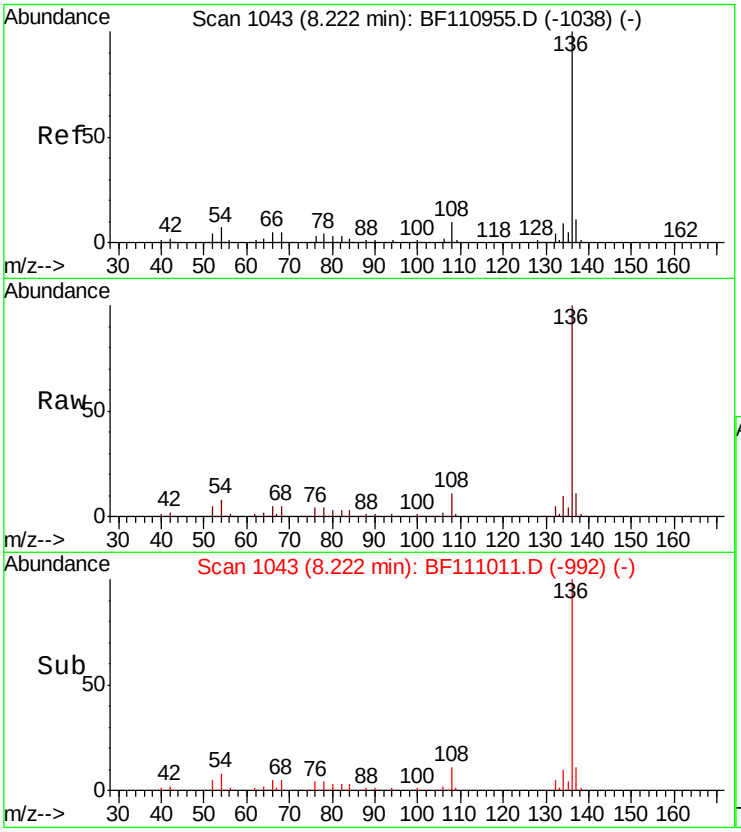


#19
n-Nitroso-di-n-propylamine
Concen: 12.244 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.16 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Tgt Ion: 70 Resp: 30036

Ion	Ratio	Lower	Upper
70	100		
42	51.0	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#



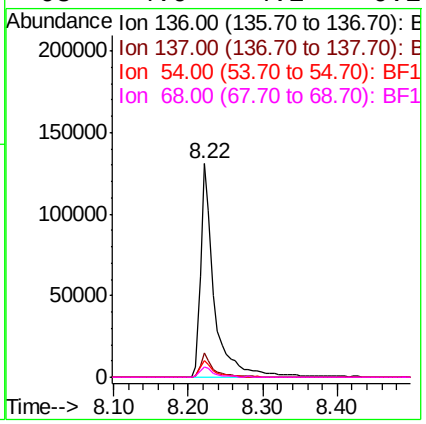


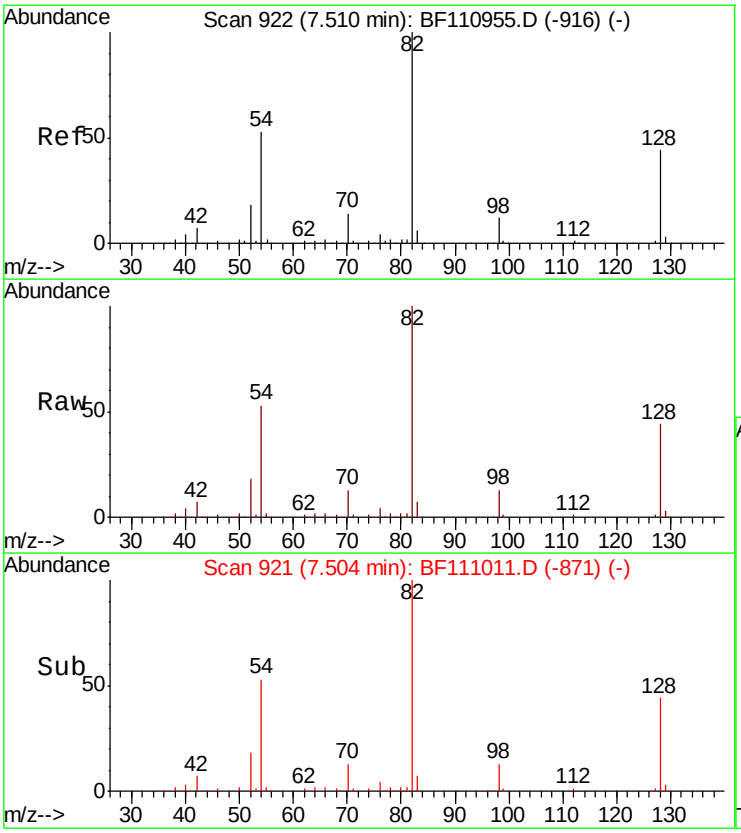
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 170032

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.9	5.4	8.2
68	4.9	4.2	6.2

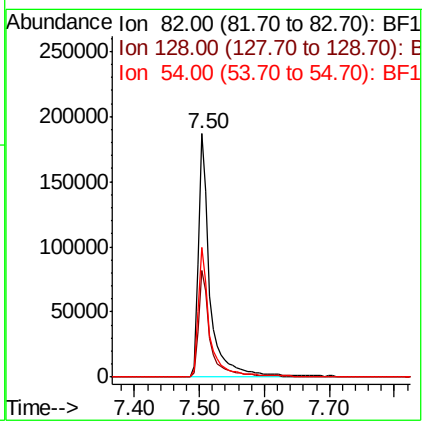


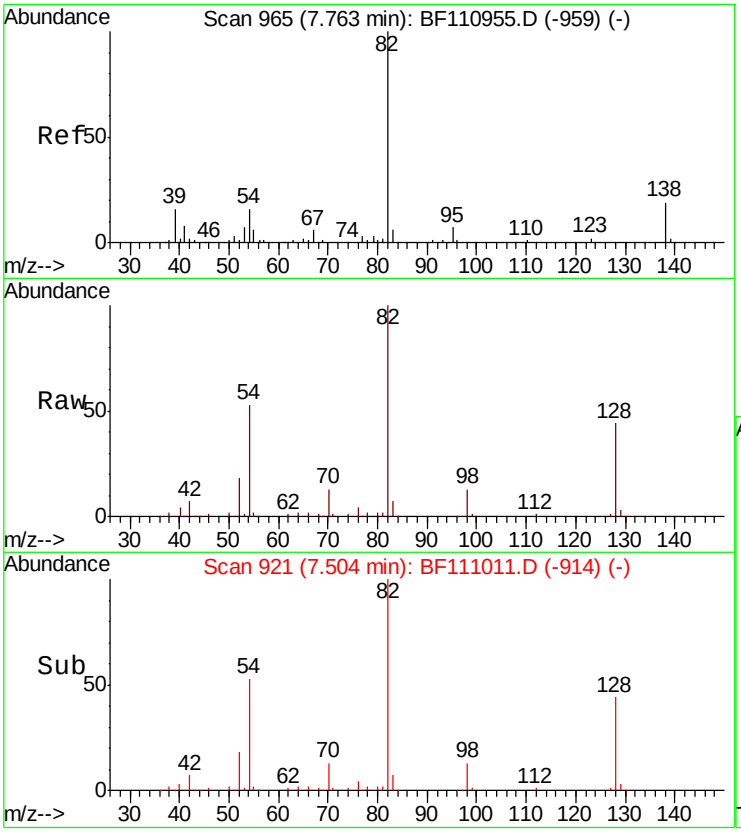


#23
Nitrobenzene-d5
Concen: 78.315 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Tgt Ion: 82 Resp: 232672

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.2	51.2
54	53.4	38.6	58.0



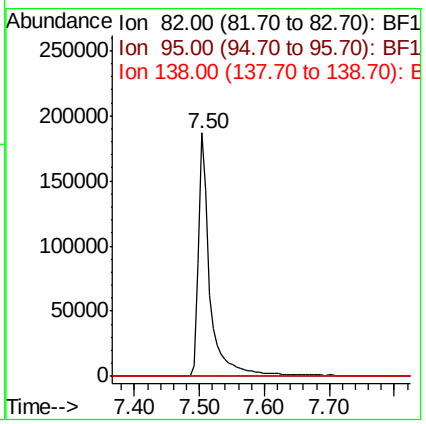


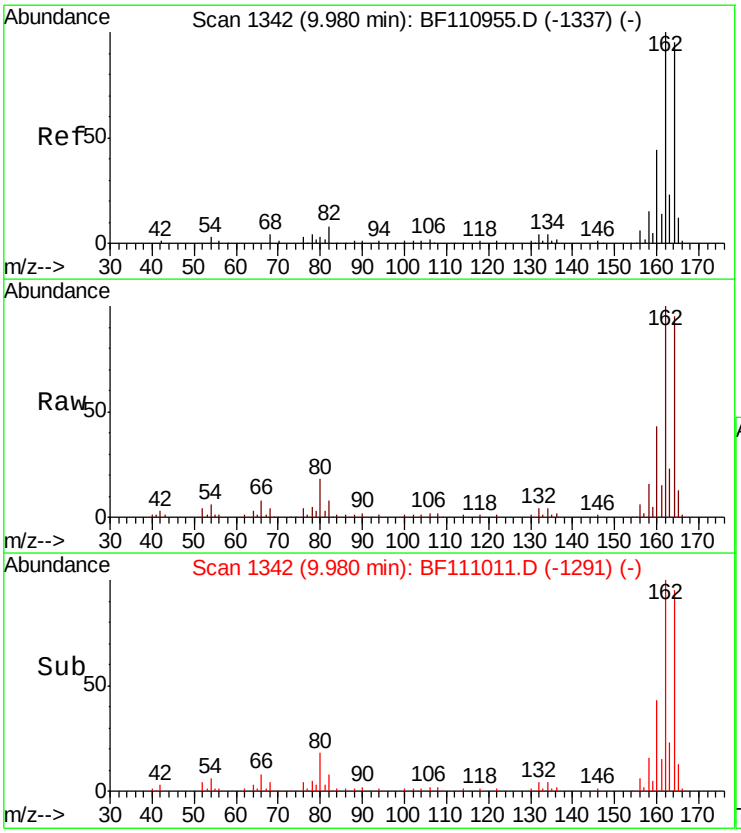
#25
Isophorone
Concen: 47.742 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 232672

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

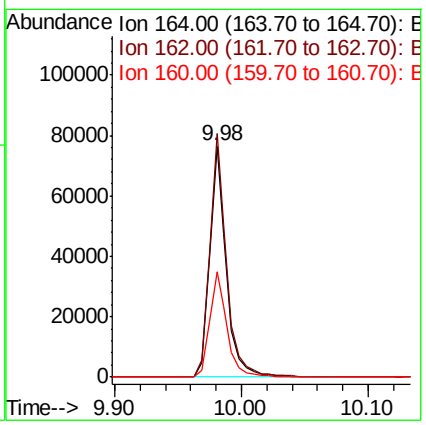


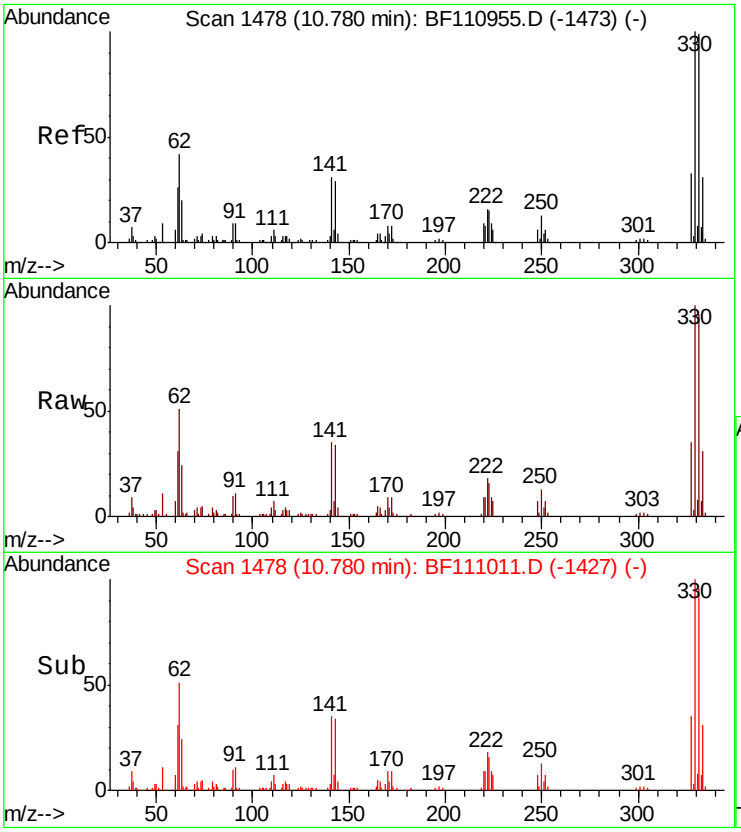


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Tgt Ion:164 Resp: 70340

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.0	124.6
160	45.8	37.0	55.6



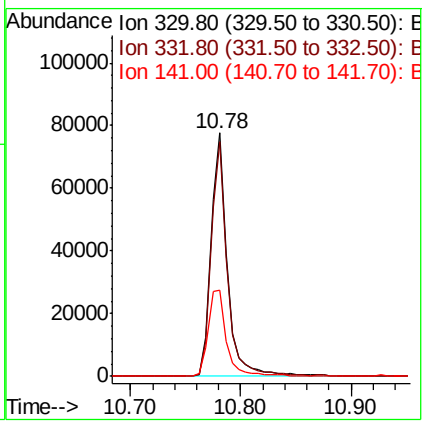


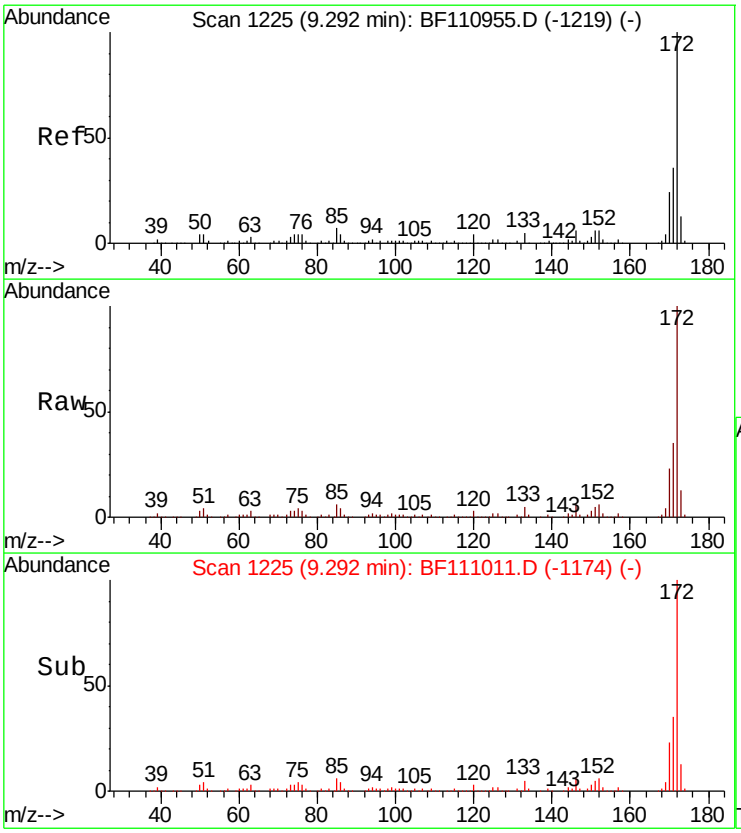
#42
2,4,6-Tribromophenol
Concen: 111.910 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 78177

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.1	115.7
141	39.1	27.0	40.4

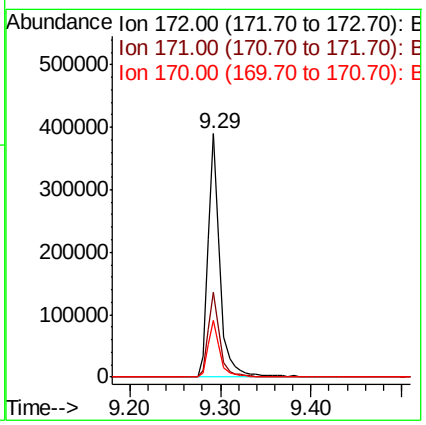


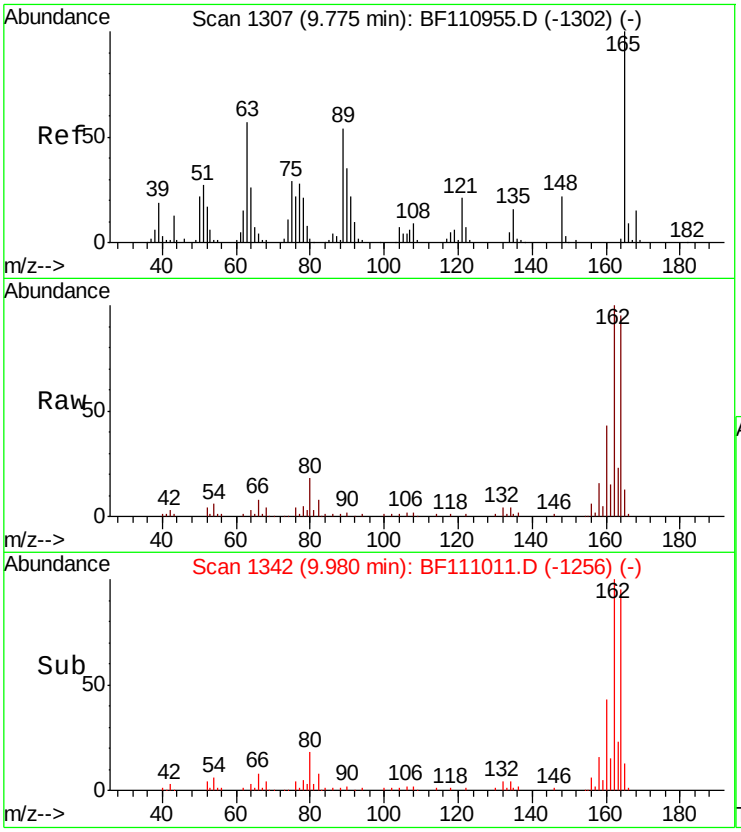


#45
2-Fluorobiphenyl
Concen: 74.880 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Tgt Ion:172 Resp: 363552

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.5	19.7	29.5



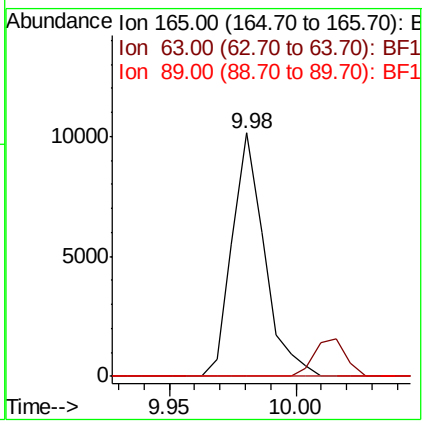


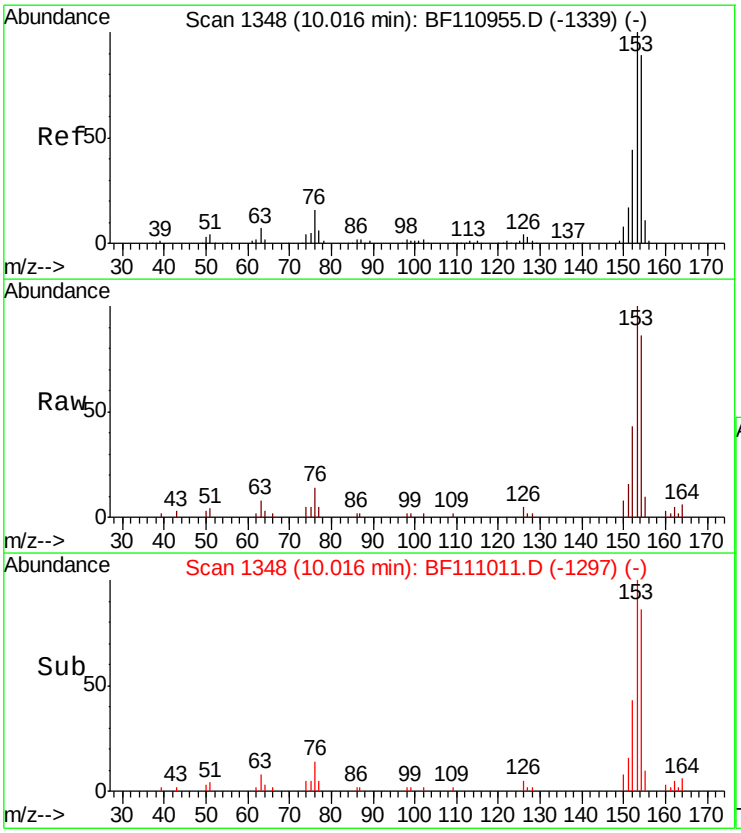
#51
2,6-Dinitrotoluene
Concen: 7.828 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 8990

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

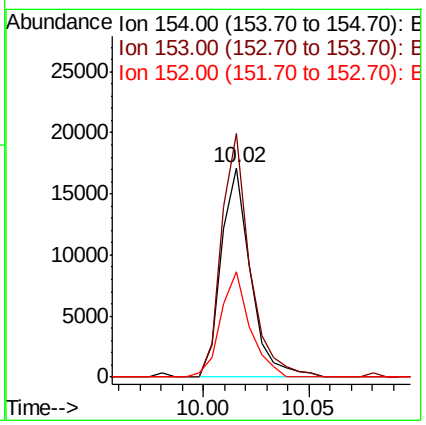


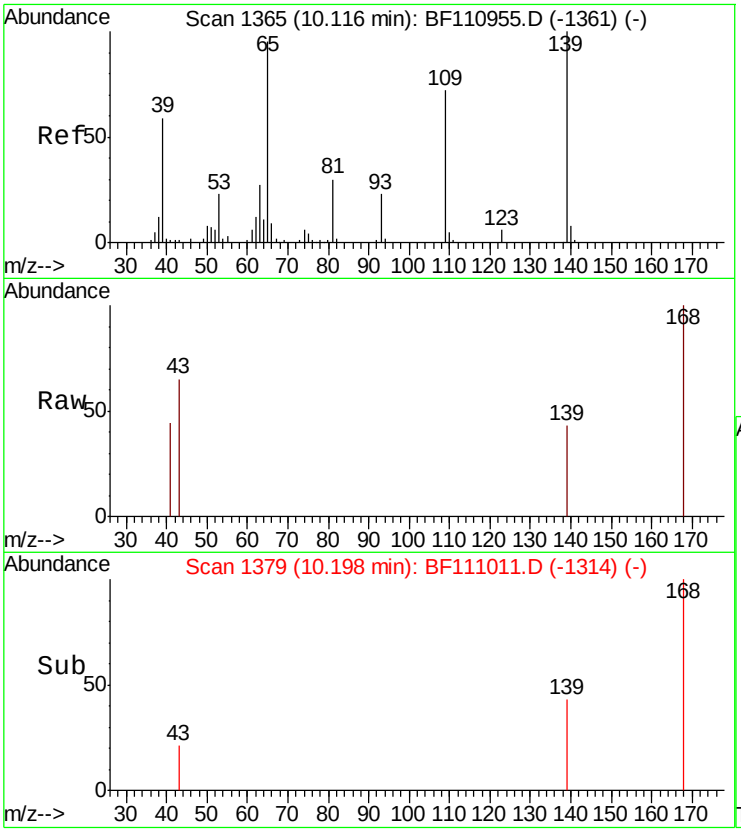


#52
Acenaphthene
Concen: 3.843 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Tgt Ion:154 Resp: 16473

Ion	Ratio	Lower	Upper
154	100		
153	116.1	90.1	135.1
152	50.3	43.4	65.2



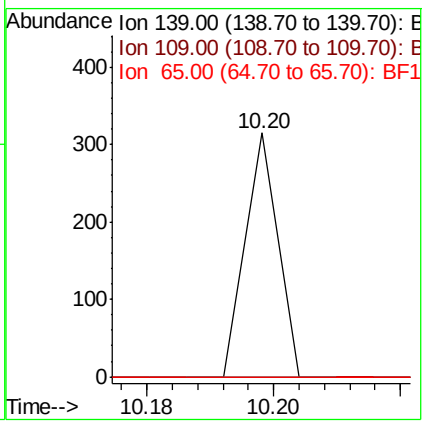


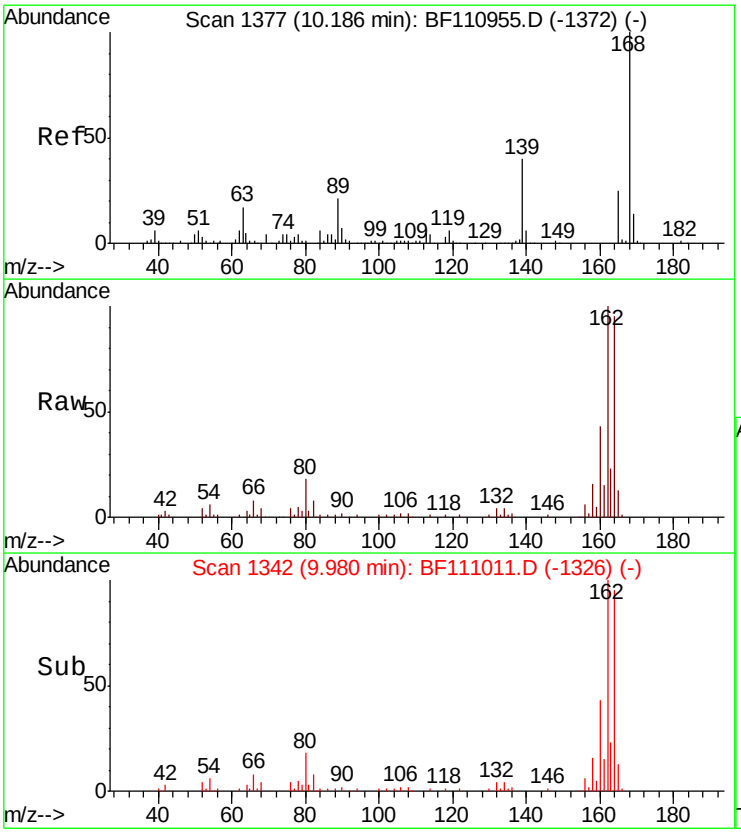
#56
4-Nitrophenol
Concen: 4.379 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.08 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 111

Ion	Ratio	Lower	Upper
139	100		
109	0.0	55.8	95.8#
65	0.0	77.9	117.9#

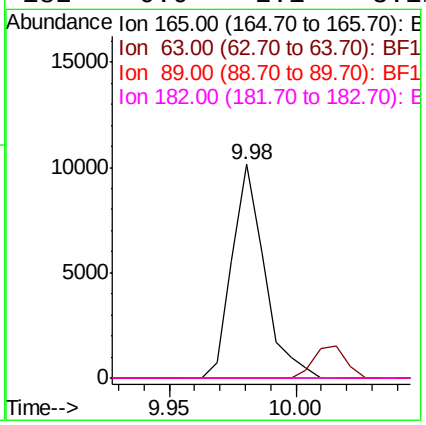


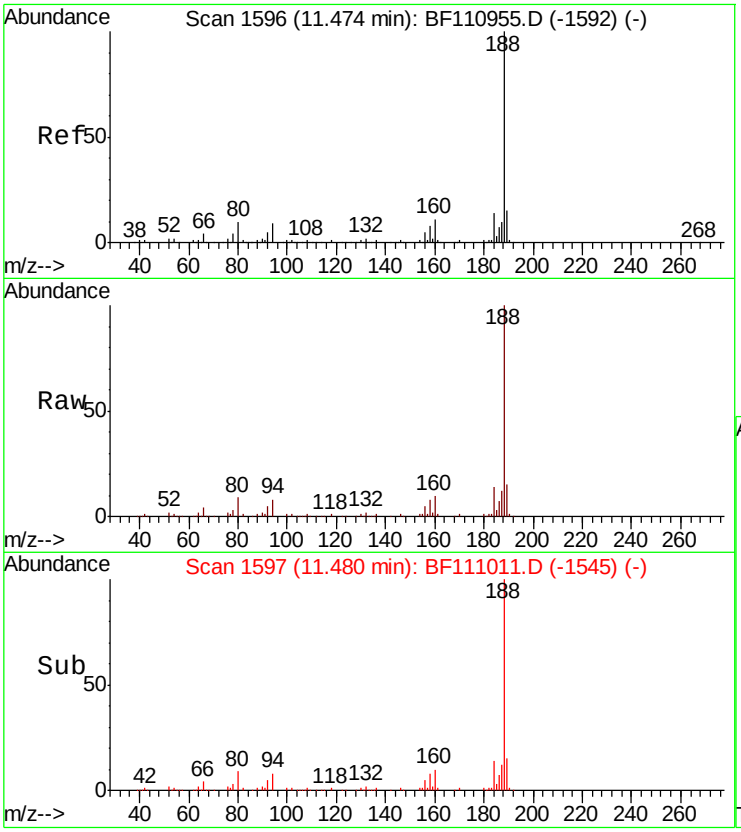


#57
2,4-Dinitrotoluene
Concen: 6.034 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Tgt Ion:165 Resp: 8990

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#



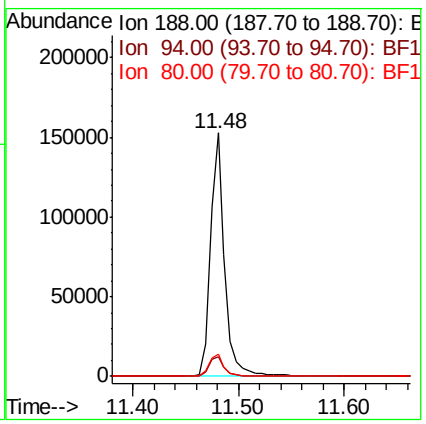


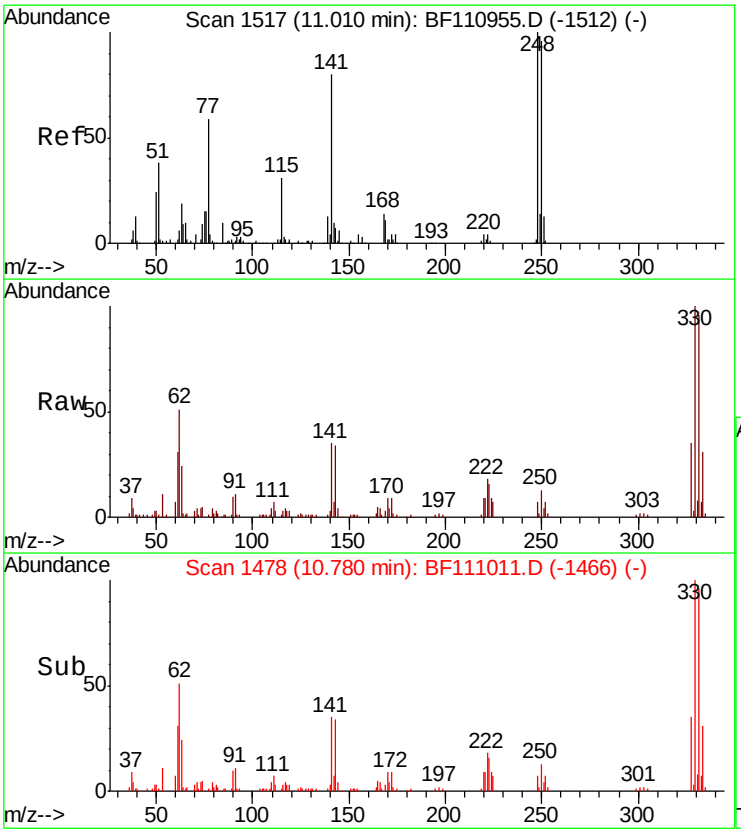
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 143661

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	9.0	7.9	11.9

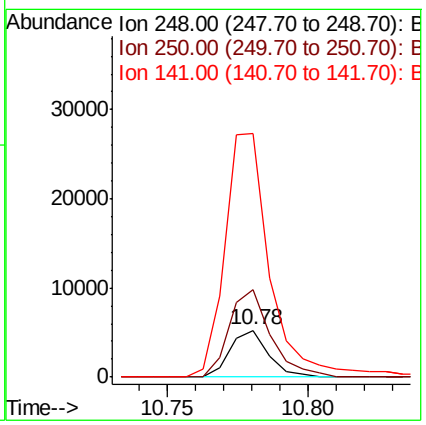


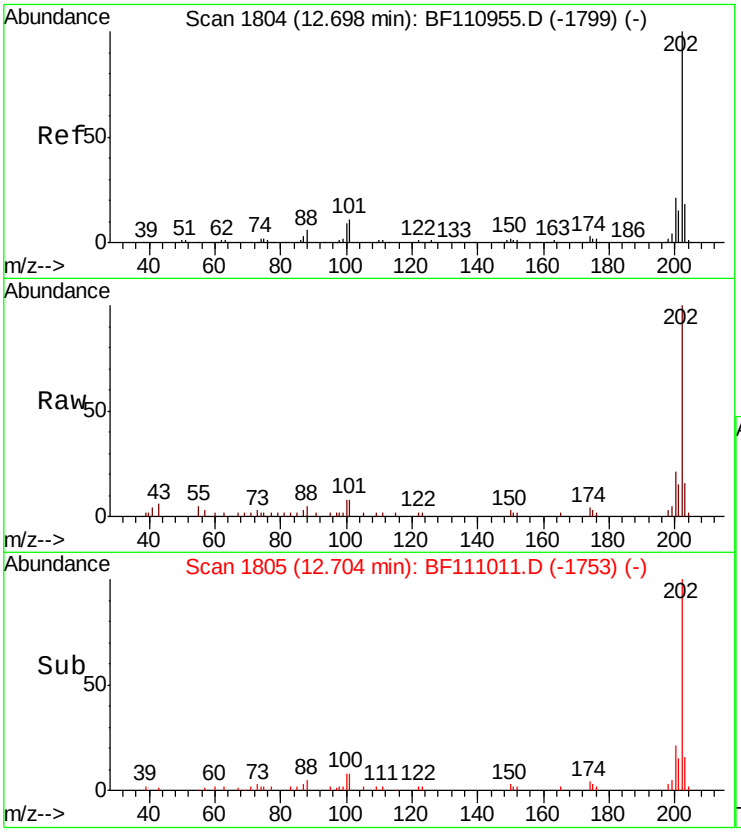


#67
4-Bromophenyl-phenylether
Concen: 3.166 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.23 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Tgt Ion:248 Resp: 4954

Ion	Ratio	Lower	Upper
248	100		
250	187.0	79.4	119.2#
141	519.1	55.9	83.9#



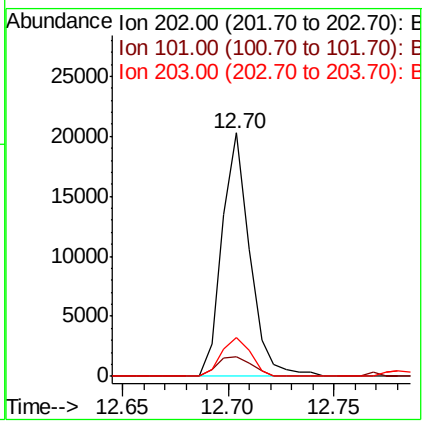


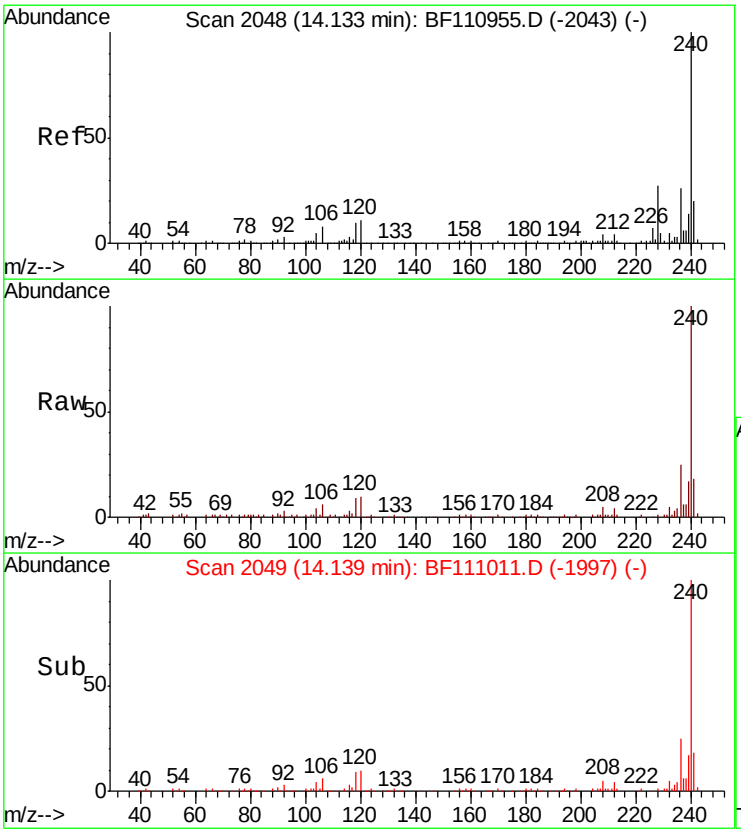
#75
Fluoranthene
Concen: 2.361 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 18466

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	31.4
203	16.0	0.0	37.7

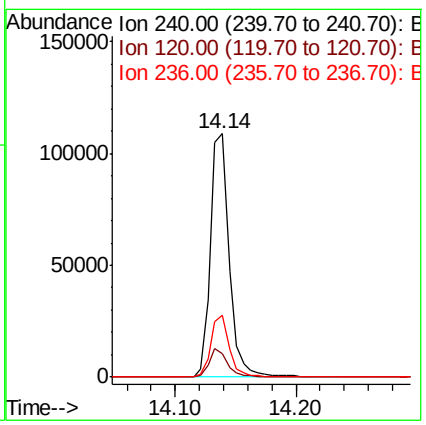


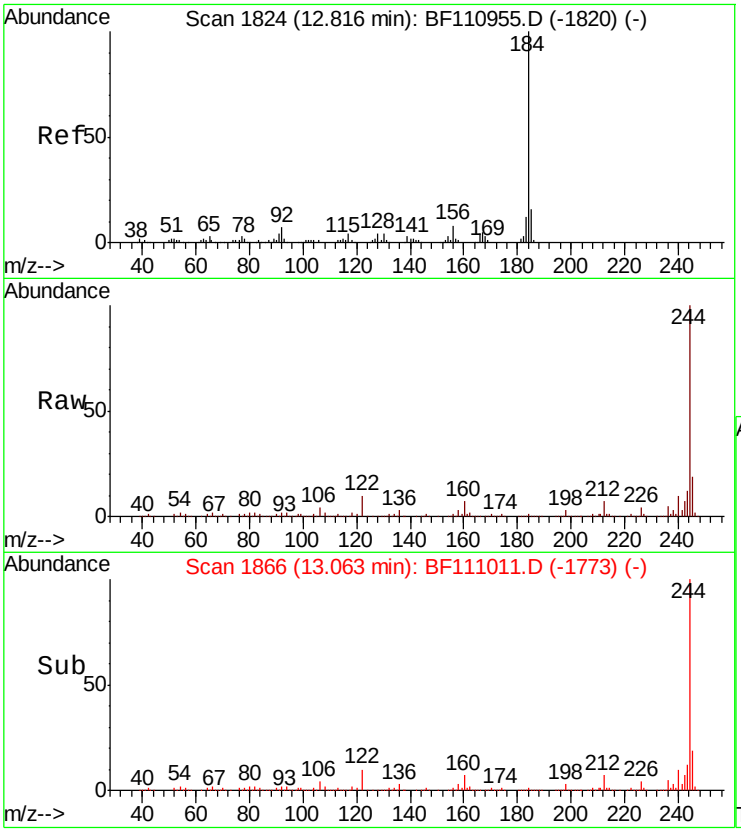


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Tgt Ion:240 Resp: 116489

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.3	12.5
236	25.4	21.2	31.8



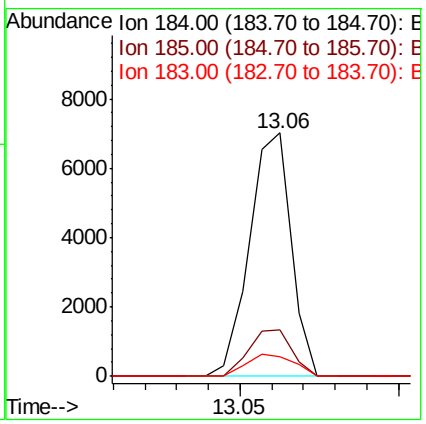


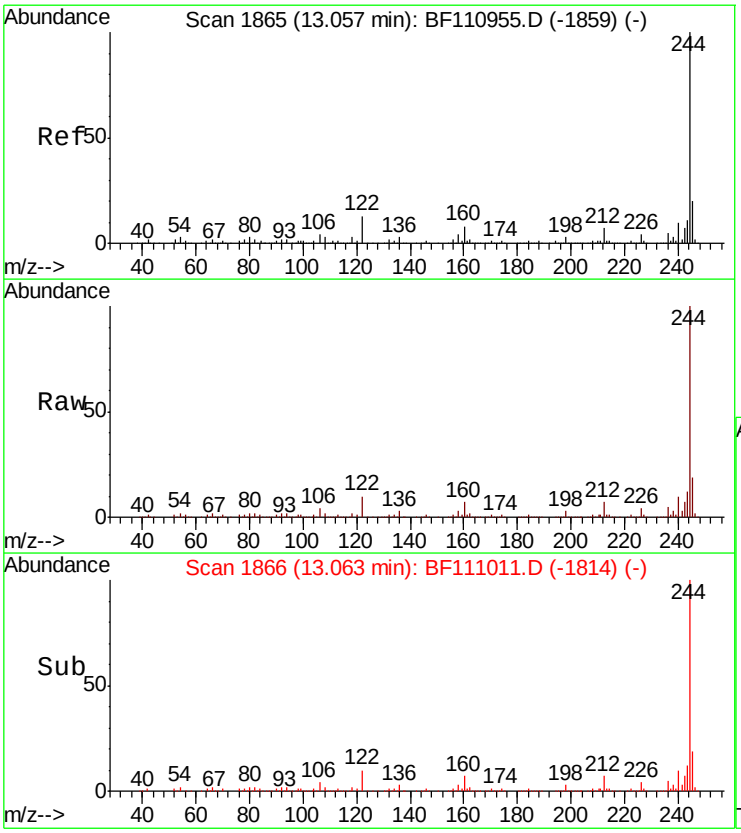
#77
Benzidine
Concen: 2.145 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.25 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 6392

Ion	Ratio	Lower	Upper
184	100		
185	19.3	13.4	20.2
183	8.1	9.4	14.2#

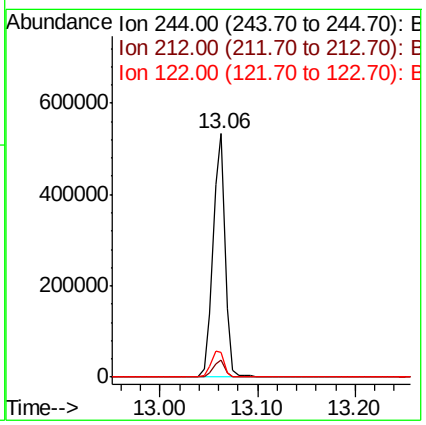


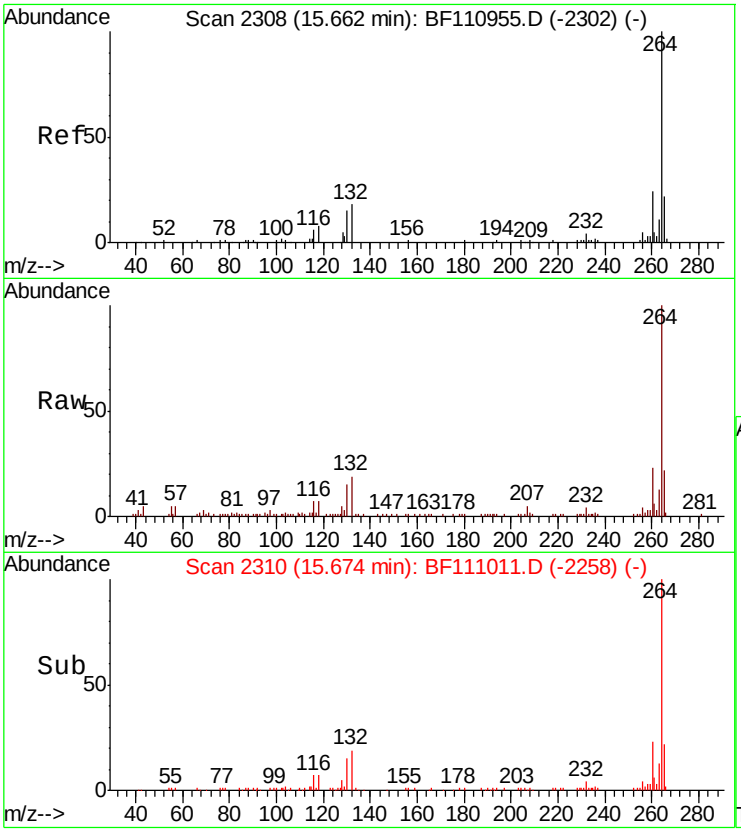


#79
Terphenyl-d14
Concen: 76.764 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.01 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Tgt Ion:244 Resp: 459361

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.1	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 75224

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.7	16.7	25.1