Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100502.D
Acq On : 13 Nov 2017 15:02
Operator : SJ/JU
Sample : I6355-11RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 13 15:37:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	101248	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	388269	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	186294	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	336013	20.00	ng	0.00
75) Chrysene-d12	14.05	240	228414	20.00	ng	0.00
86) Perylene-d12	15.53	264	188640	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	492888	78.04	ng	0.00
7) Phenol-d6	6.52	99	408120	52.40	ng	0.00
23) Nitrobenzene-d5	7.46	82	1097008	186.80	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	345109	181.80	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2014001	164.62	ng	0.00
78) Terphenyl-d14	13.01	244	1586368	159.58	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.66	77	18390	3.306	ng	# 80
15) Benzyl Alcohol	7.05	79	16773	2.759	ng	# 48
19) n-Nitroso-di-n-propylamine	7.46	70	150441	27.852	ng	# 80
25) Isophorone	7.46	82	1096993	88.889	ng	# 64
47) 2-Nitroaniline	9.63	65	252	2.853	ng	# 1
49) Dimethylphthalate	9.63	163	46348	3.258	ng	98
50) 2,6-Dinitrotoluene	9.93	165	23125	8.213	ng	# 26
56) 2,4-Dinitrotoluene	9.93	165	23125	6.511	ng	# 23
62) Azobenzene	10.64	77	27238	2.032	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.72	198	586	8.854	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	21296	5.912	ng	# 1
76) Benzidine	13.01	184	21464	2.346	ng	# 91

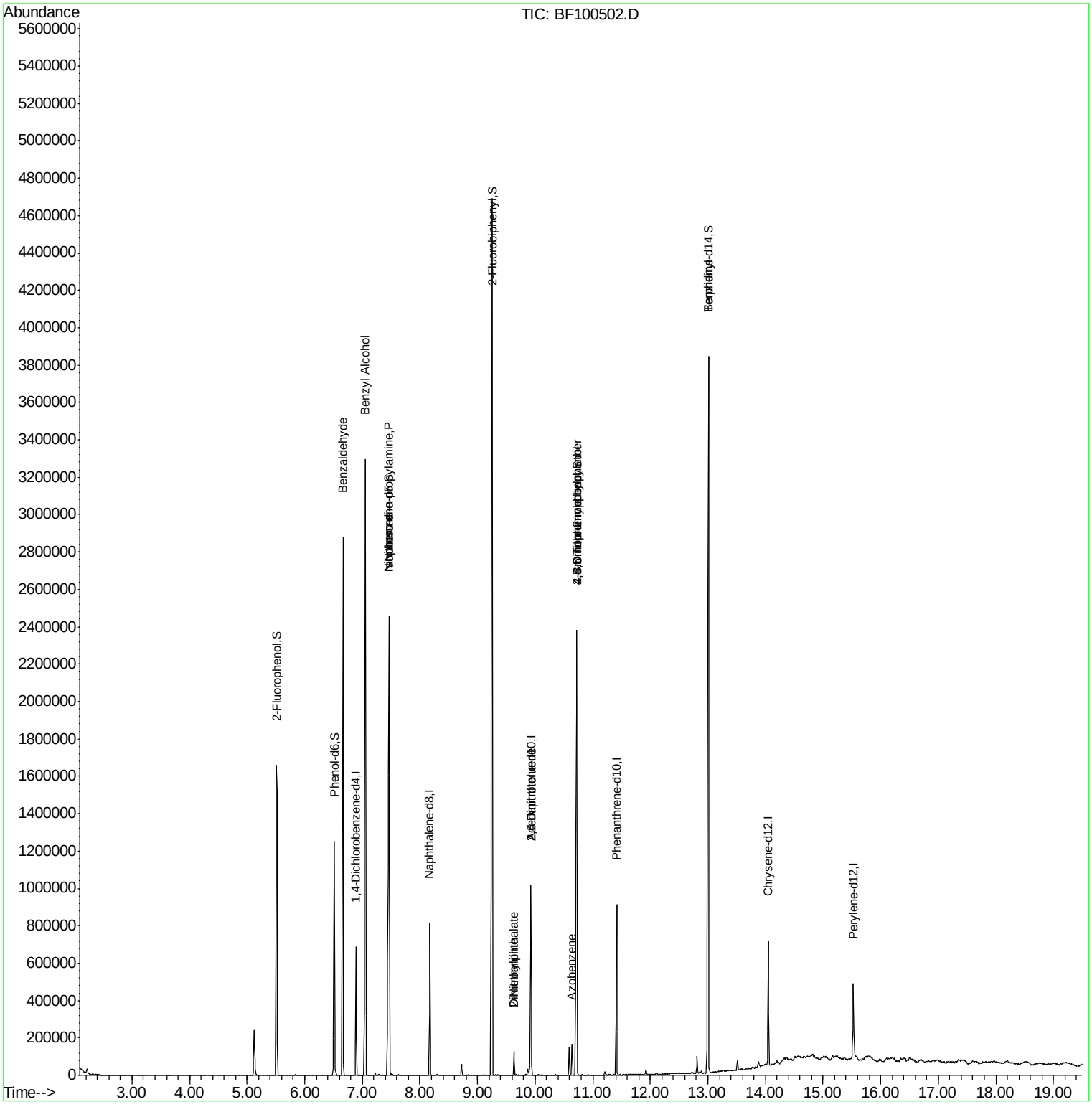
(#) = qualifier out of range (m) = manual integration (+) = signals summed

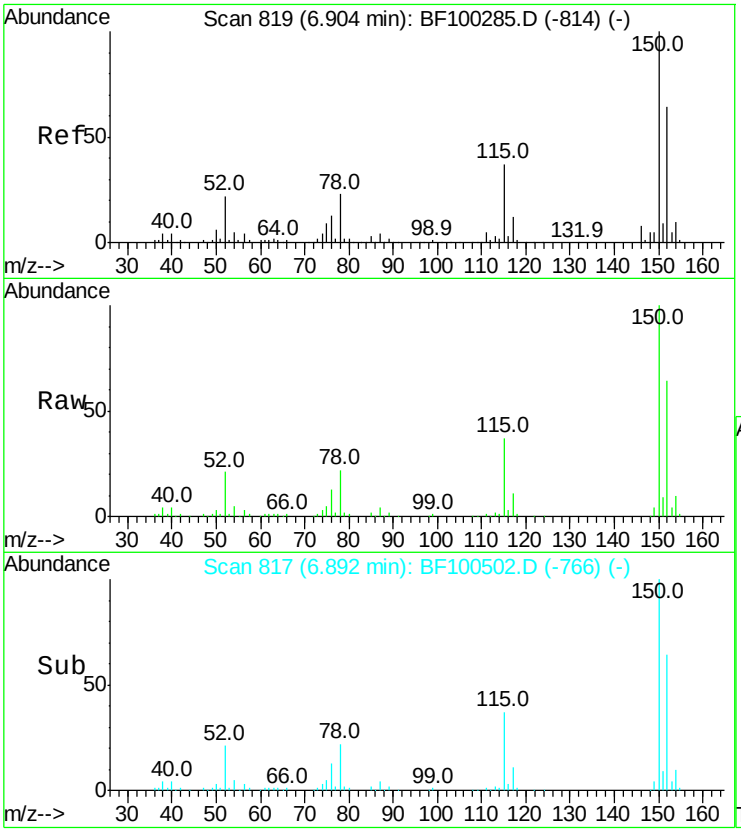
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100502.D
Acq On : 13 Nov 2017 15:02
Operator : SJ/JU
Sample : I6355-11RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 13 15:37:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration



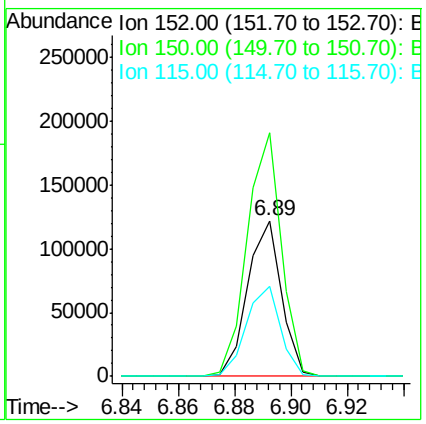


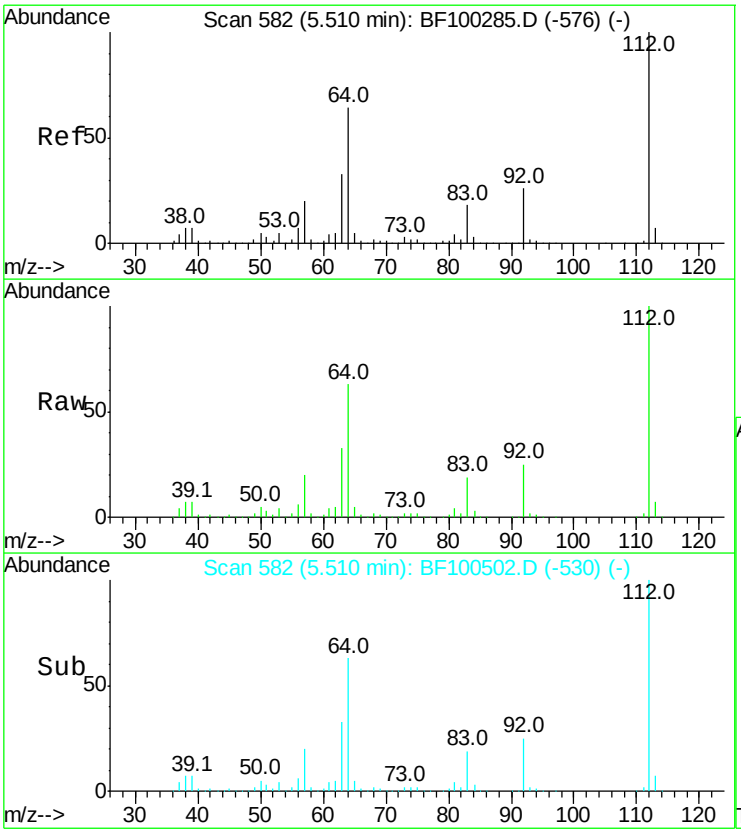
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 101248

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	57.6	50.1	75.1

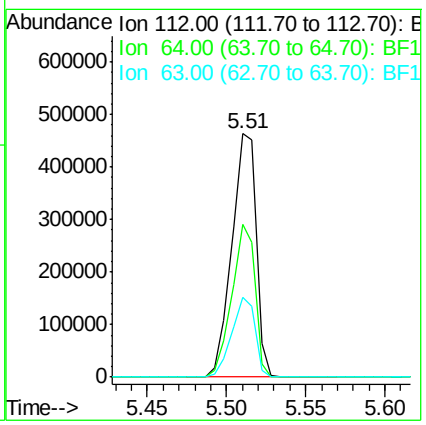


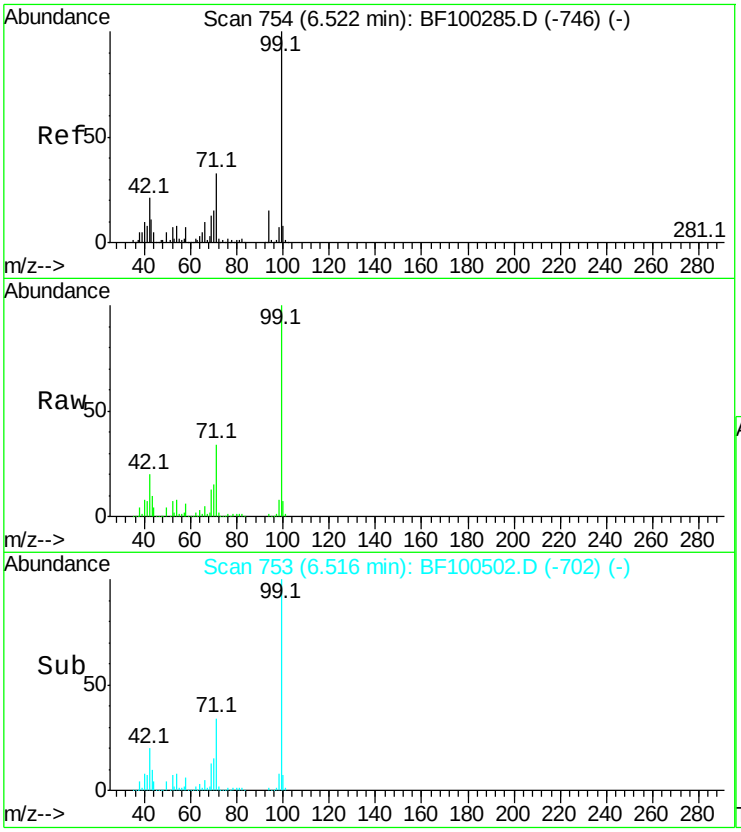


#5
2-Fluorophenol
Concen: 78.035 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Tgt Ion:112 Resp: 492888

Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.9	71.9
63	32.8	23.7	35.5



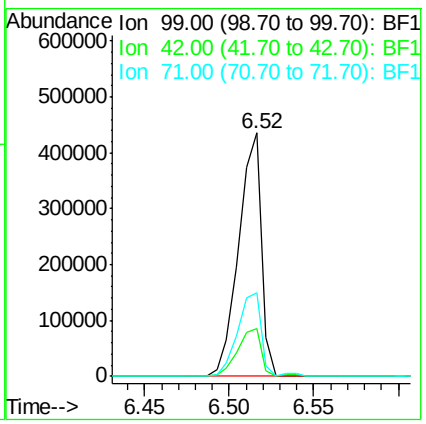


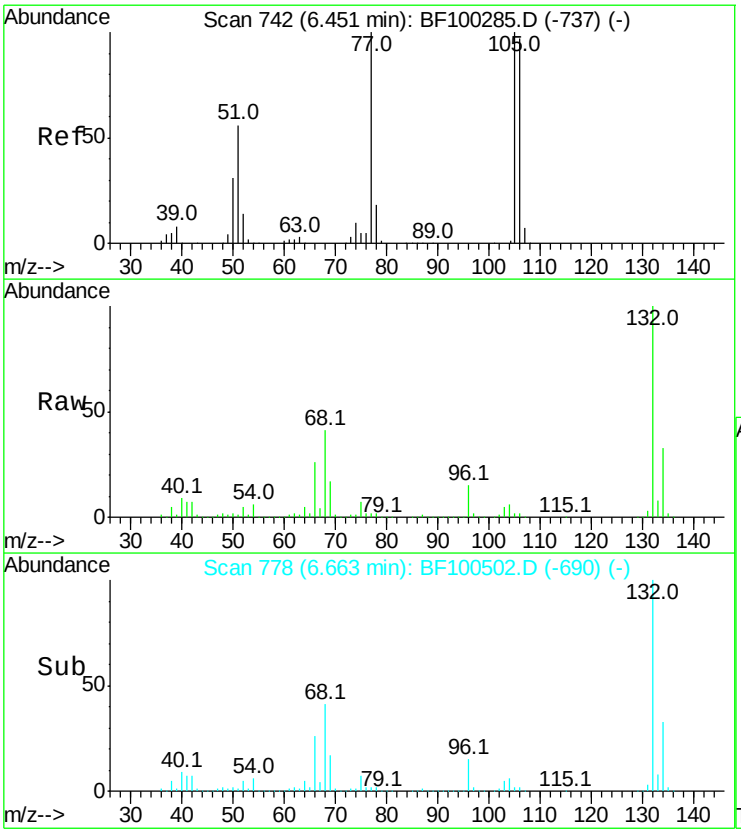
#7
Phenol-d6
Concen: 52.399 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 408120

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	34.3	25.4	38.0

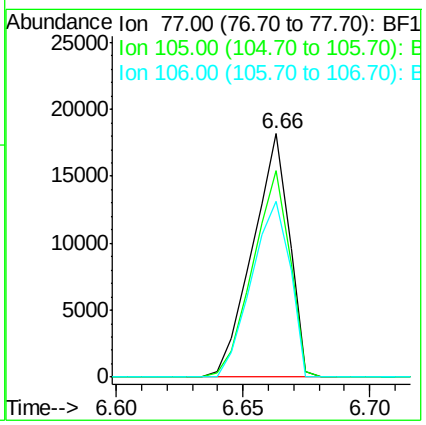


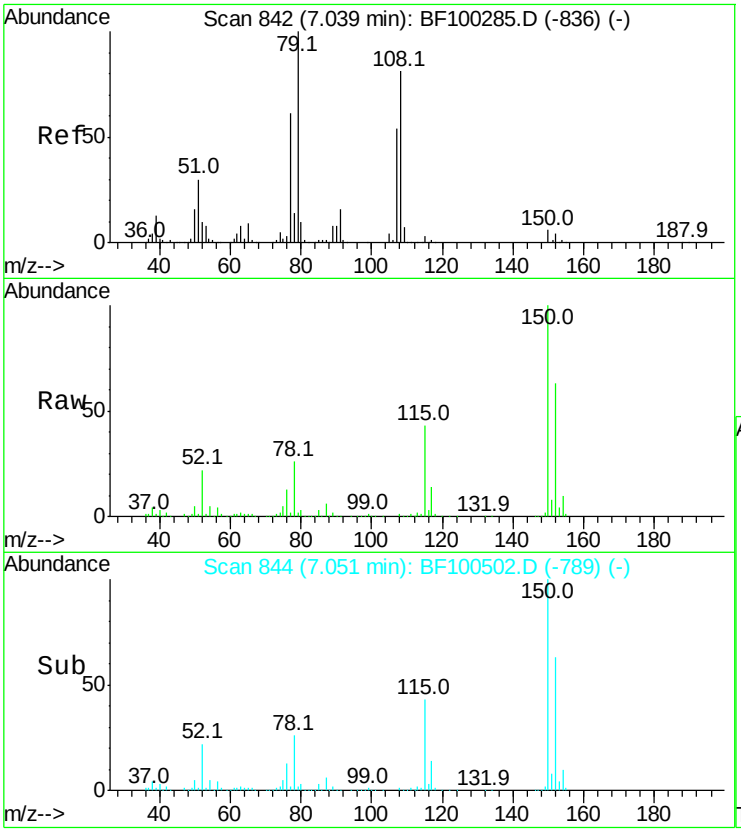


#9
Benzaldehyde
Concen: 3.306 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.22 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Tgt Ion: 77 Resp: 18390

Ion	Ratio	Lower	Upper
77	100		
105	84.6	81.1	121.1
106	72.2	74.5	114.5#



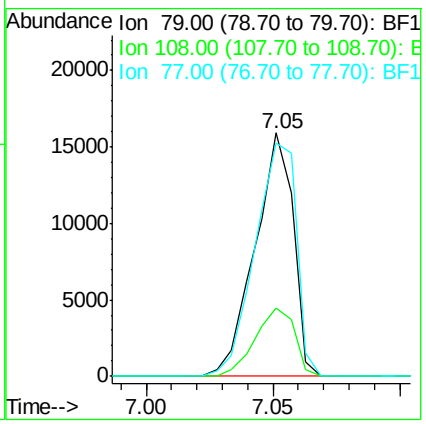


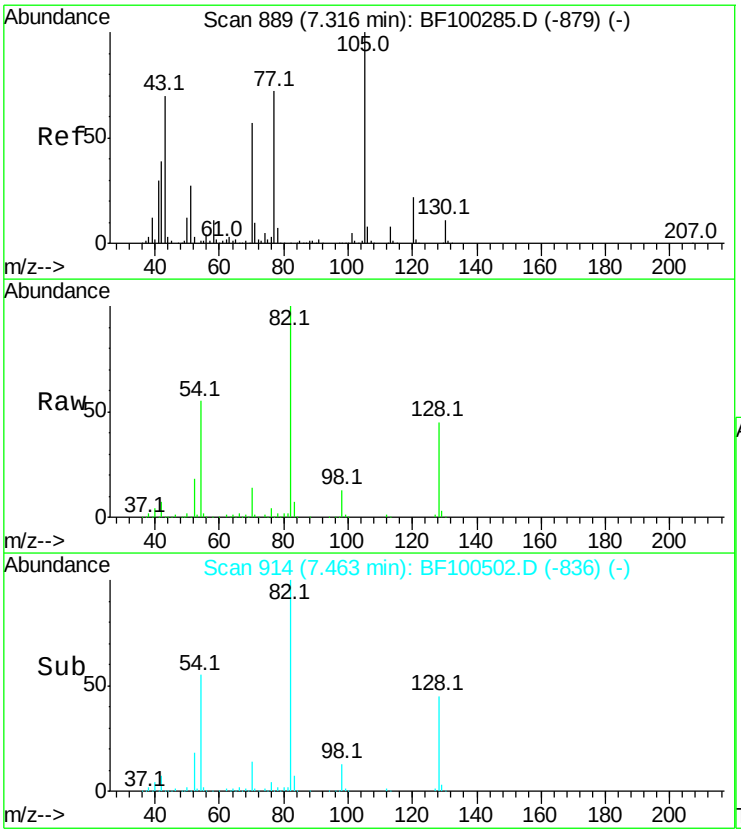
#15
Benzyl Alcohol
Concen: 2.759 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.02 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 16773

Ion	Ratio	Lower	Upper
79	100		
108	27.8	65.1	97.7#
77	95.8	50.6	75.8#

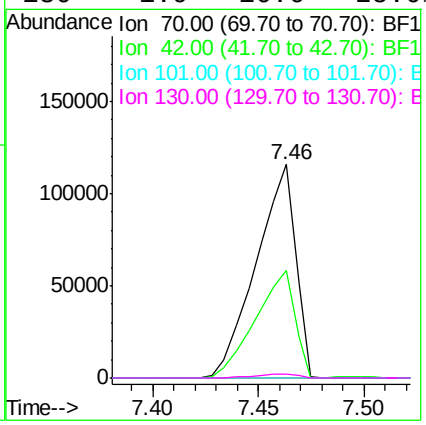


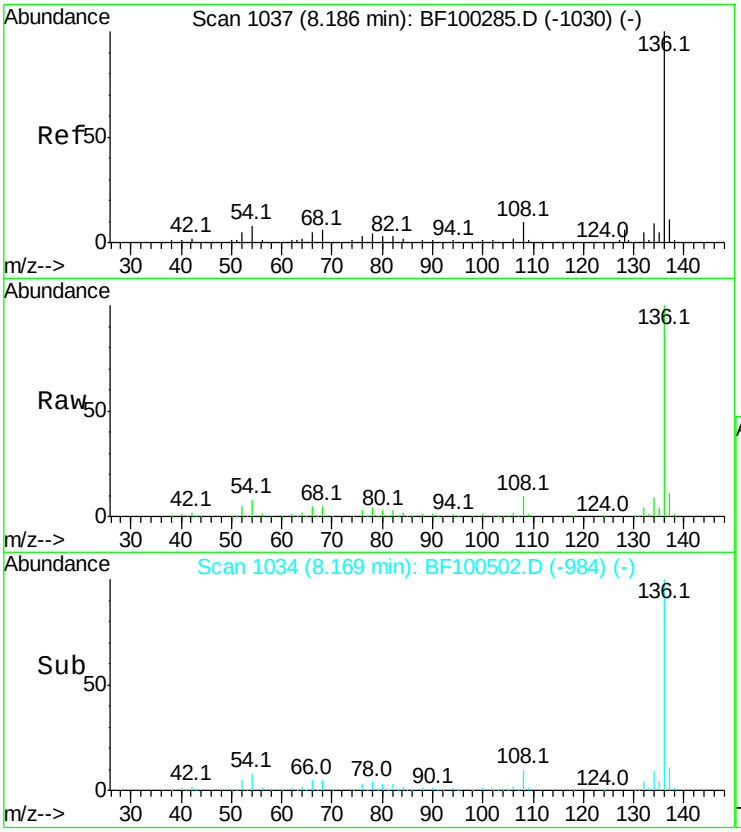


#19
n-Nitroso-di-n-propylamine
Concen: 27.852 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.16 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Tgt Ion: 70 Resp: 150441

Ion	Ratio	Lower	Upper
70	100		
42	50.5	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



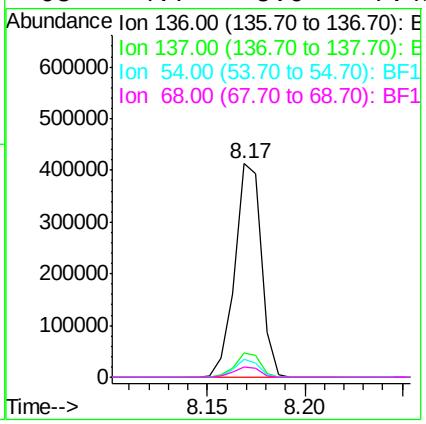


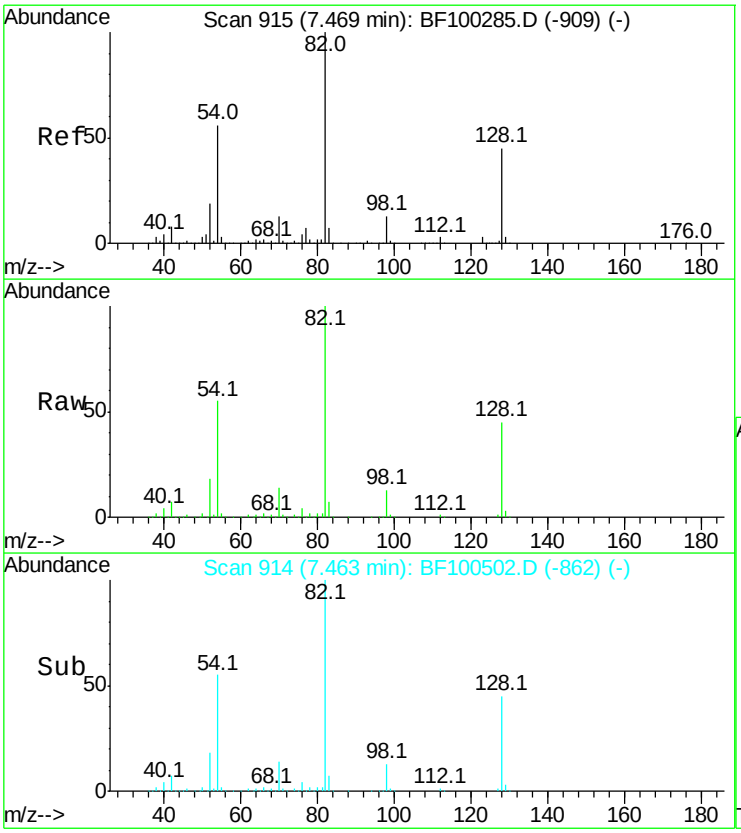
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 388269

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.2	6.6	9.8
68	4.7	5.0	7.4#

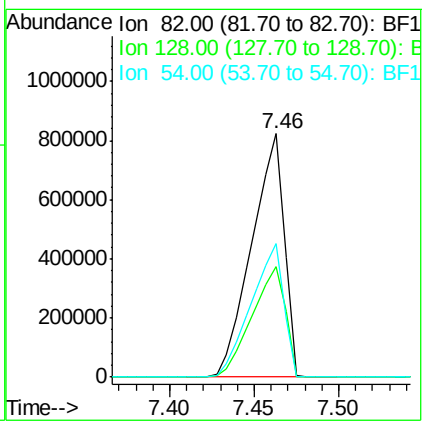


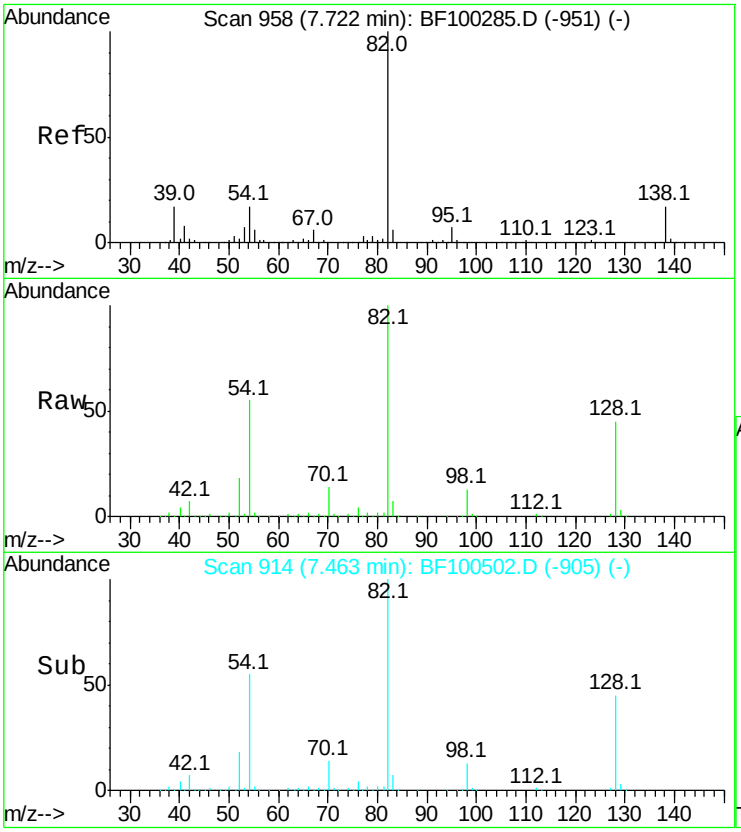


#23
Nitrobenzene-d5
Concen: 186.795 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Tgt Ion: 82 Resp: 1097008

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	54.9	41.4	62.2



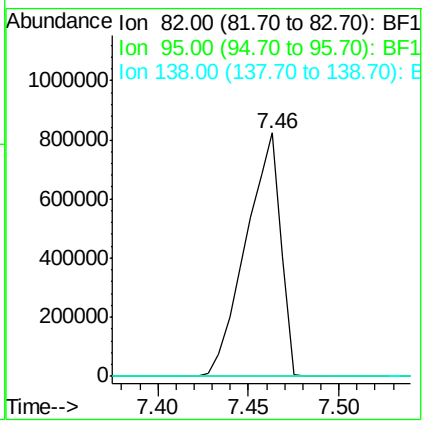


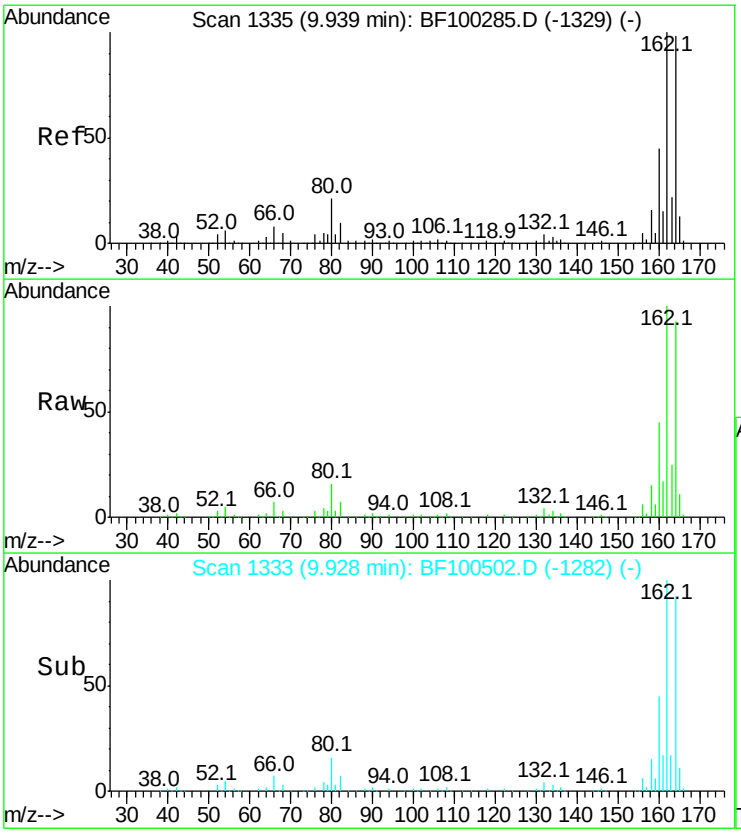
#25
Isophorone
Concen: 88.889 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.25 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1096993

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

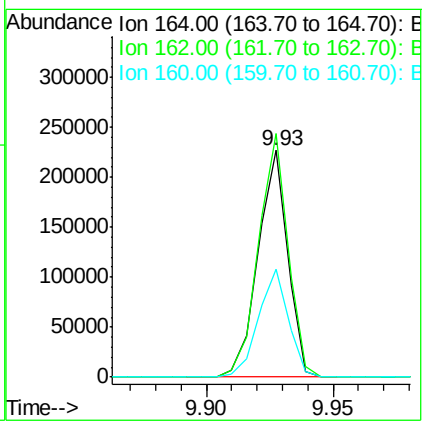


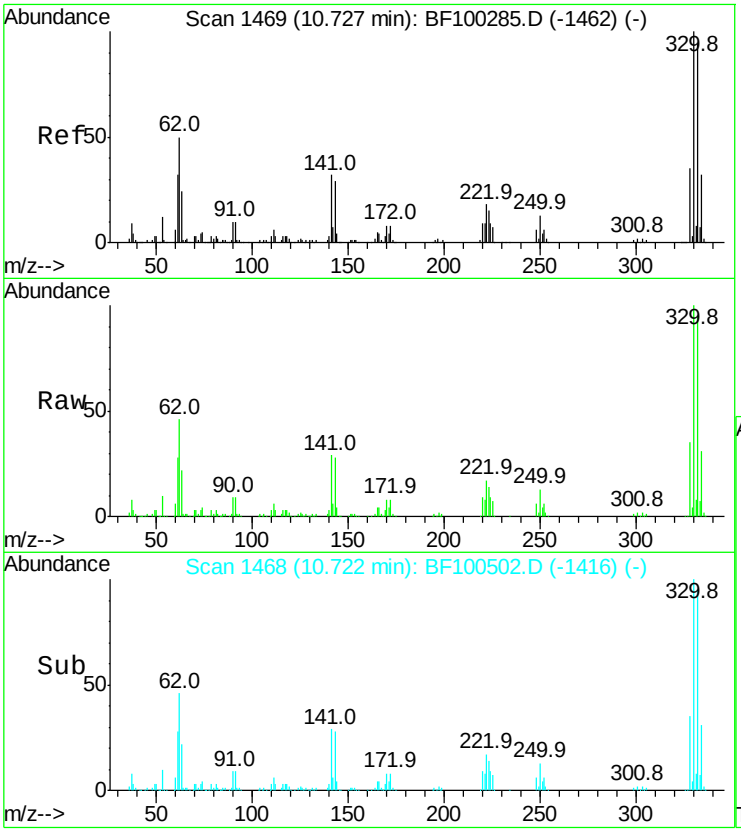


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Tgt Ion:164 Resp: 186294

Ion	Ratio	Lower	Upper
164	100		
162	107.4	86.1	129.1
160	47.8	38.3	57.5



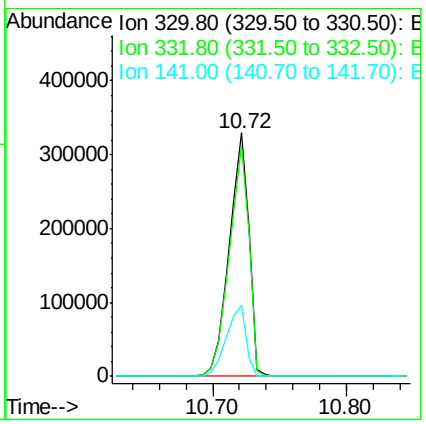


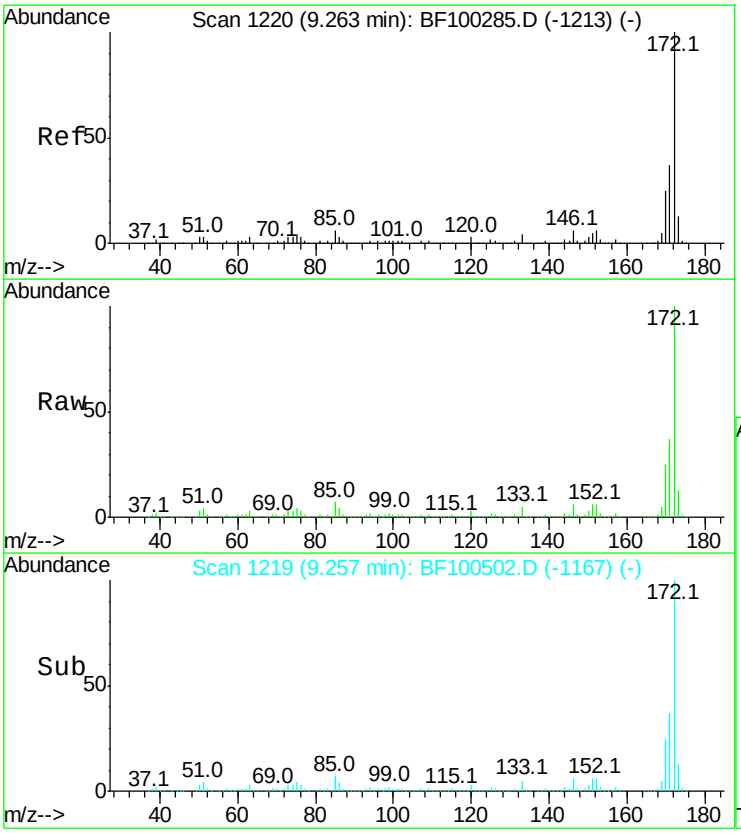
#41
2,4,6-Tribromophenol
Concen: 181.795 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 345109

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	29.1	29.9	44.9#

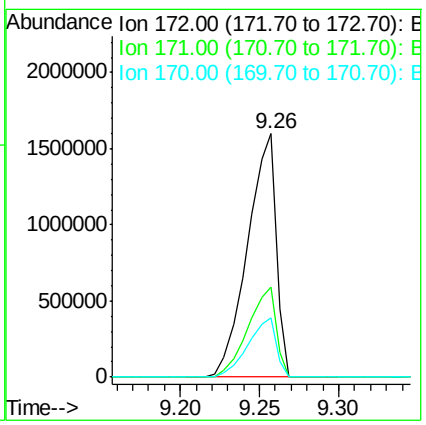


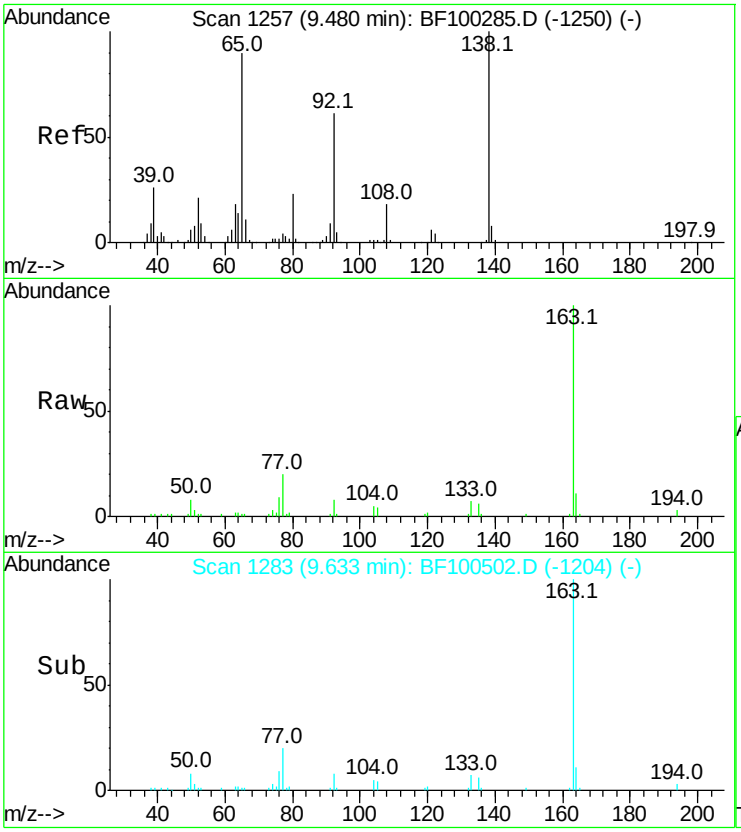


#44
2-Fluorobiphenyl
Concen: 164.618 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Tgt Ion:172 Resp: 2014001

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.5	19.6	29.4



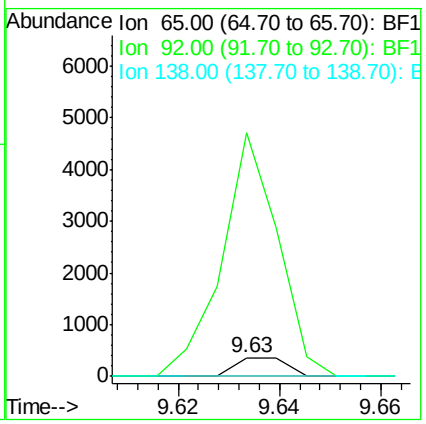


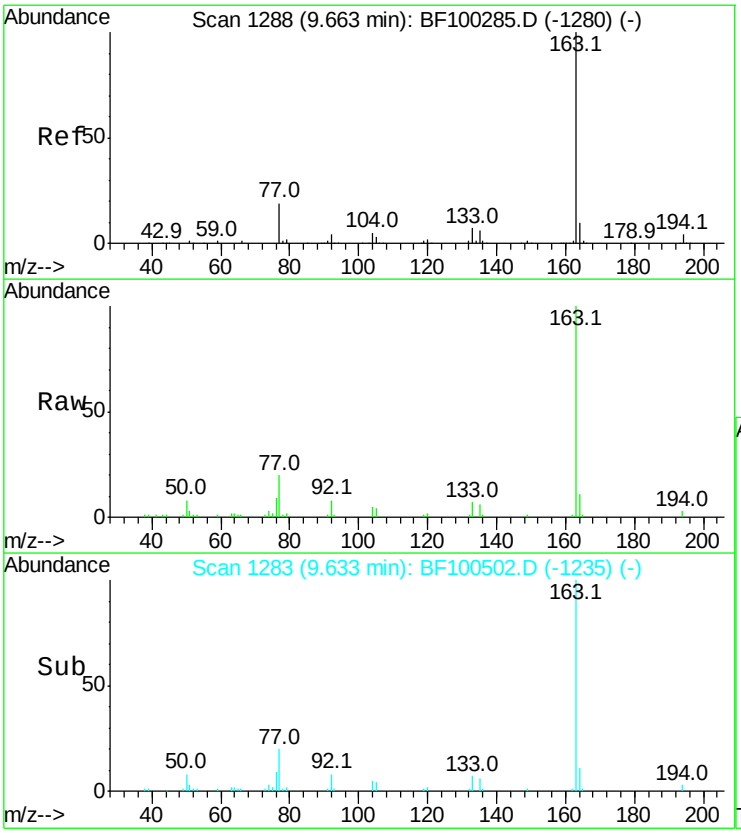
#47
2-Nitroaniline
Concen: 2.853 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.16 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 252

Ion	Ratio	Lower	Upper
65	100		
92	1319.0	55.8	83.6#
138	0.0	91.2	136.8#

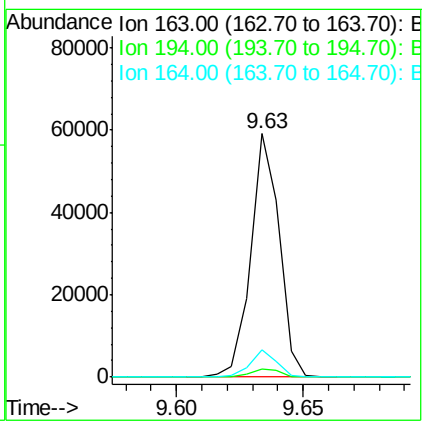


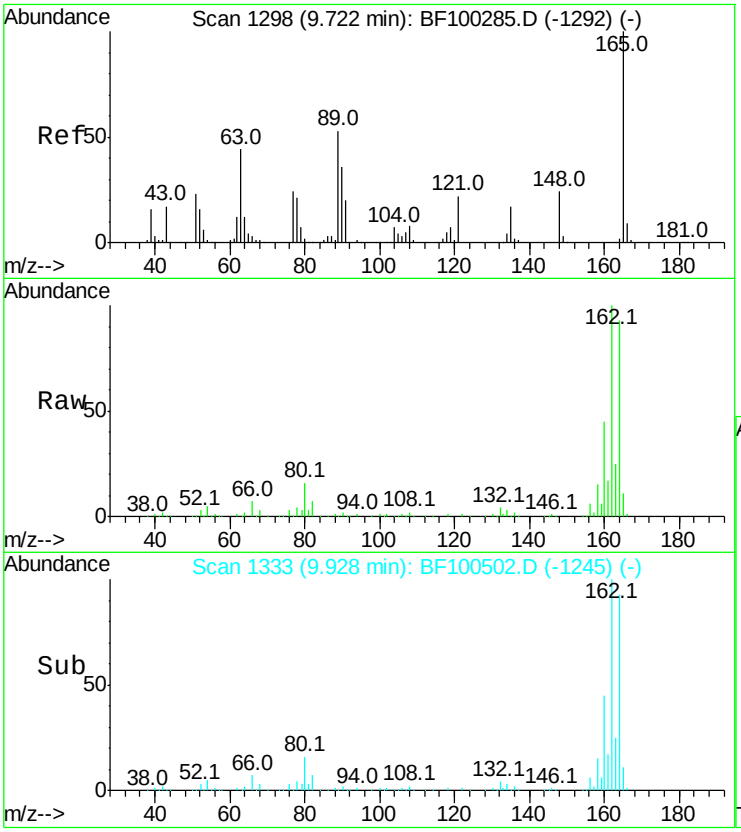


#49
Dimethylphthalate
Concen: 3.258 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Tgt Ion:163 Resp: 46348

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	11.0	8.2	12.2



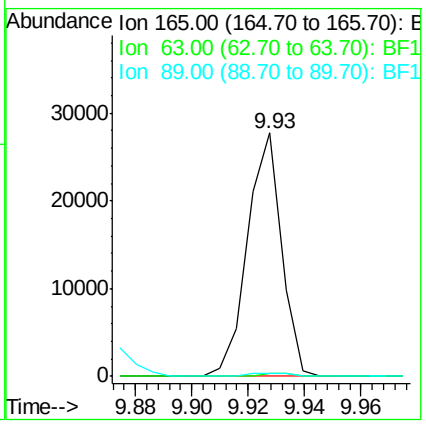


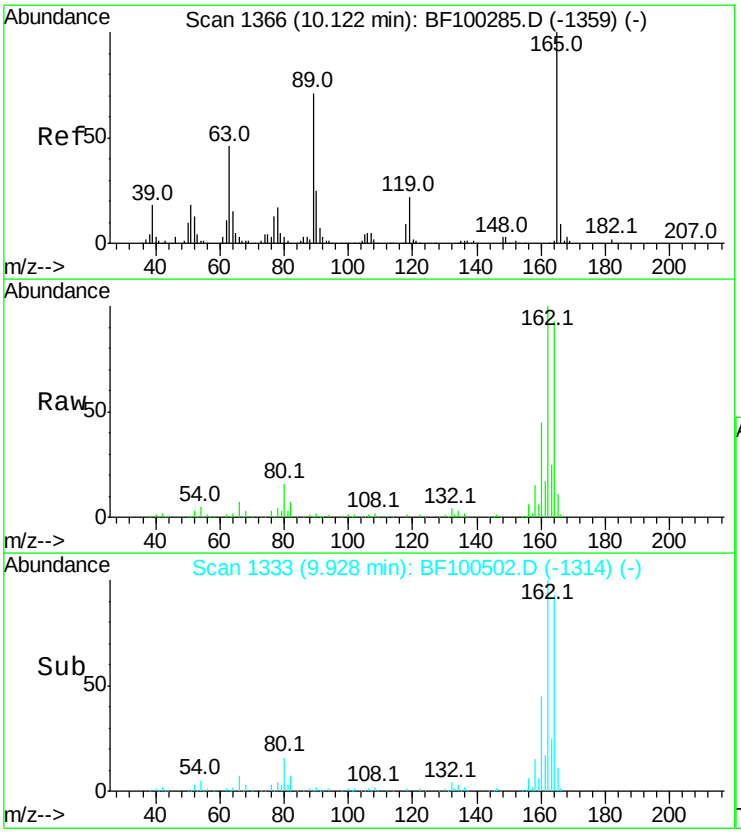
#50
2,6-Dinitrotoluene
Concen: 8.213 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23125

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	44.0	66.0#

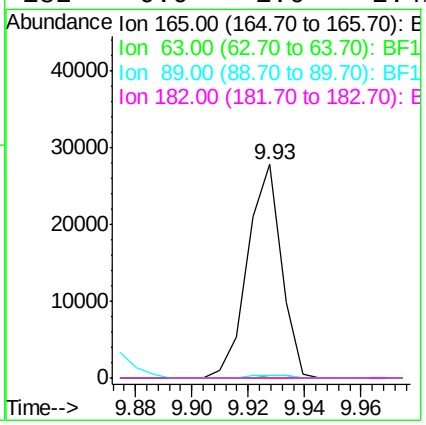


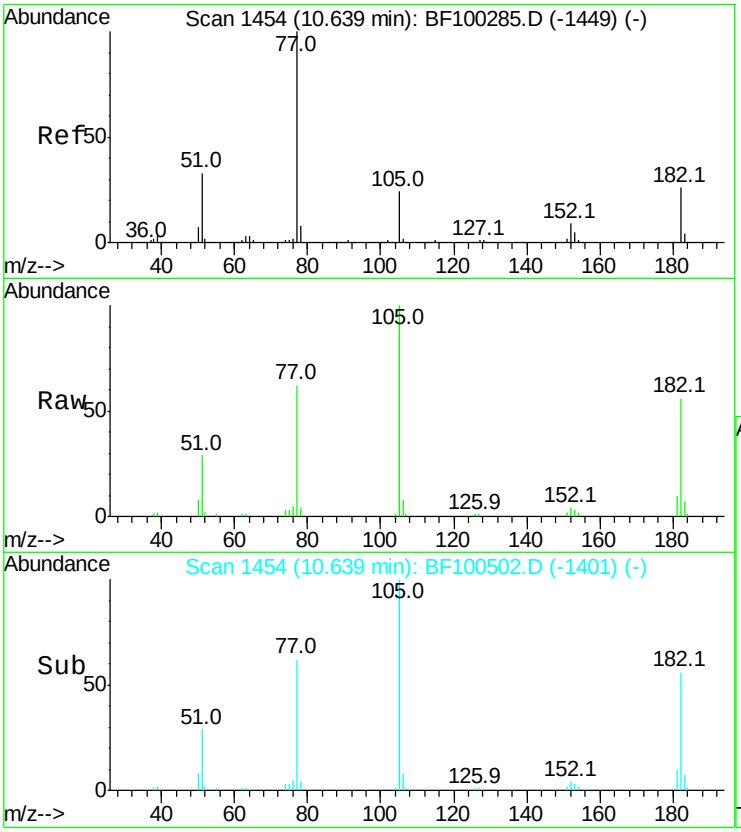


#56
2,4-Dinitrotoluene
Concen: 6.511 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Tgt Ion:165 Resp: 23125

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



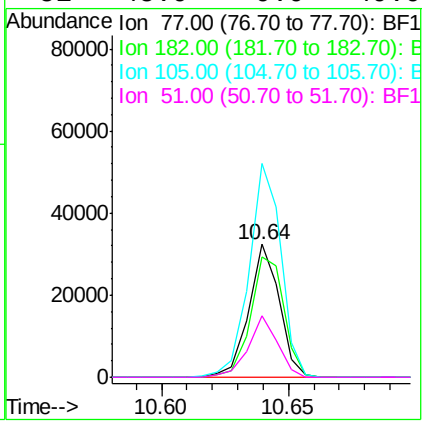


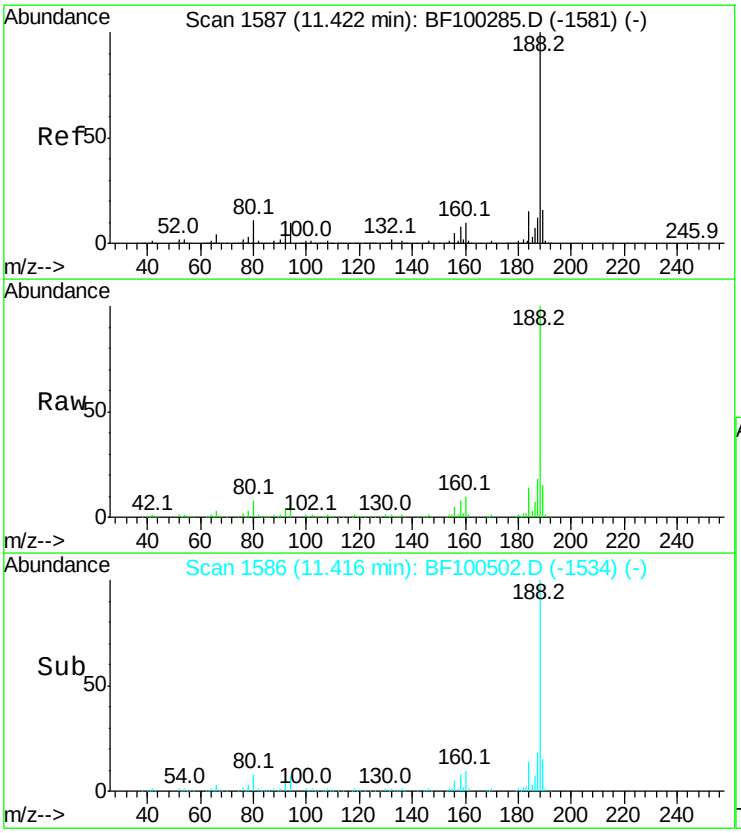
#62
Azobenzene
Concen: 2.032 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 27238

Ion	Ratio	Lower	Upper
77	100		
182	90.5	1.7	41.7#
105	161.1	3.0	43.0#
51	45.9	9.9	49.9

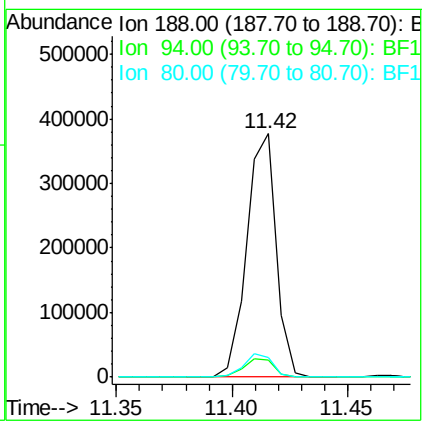


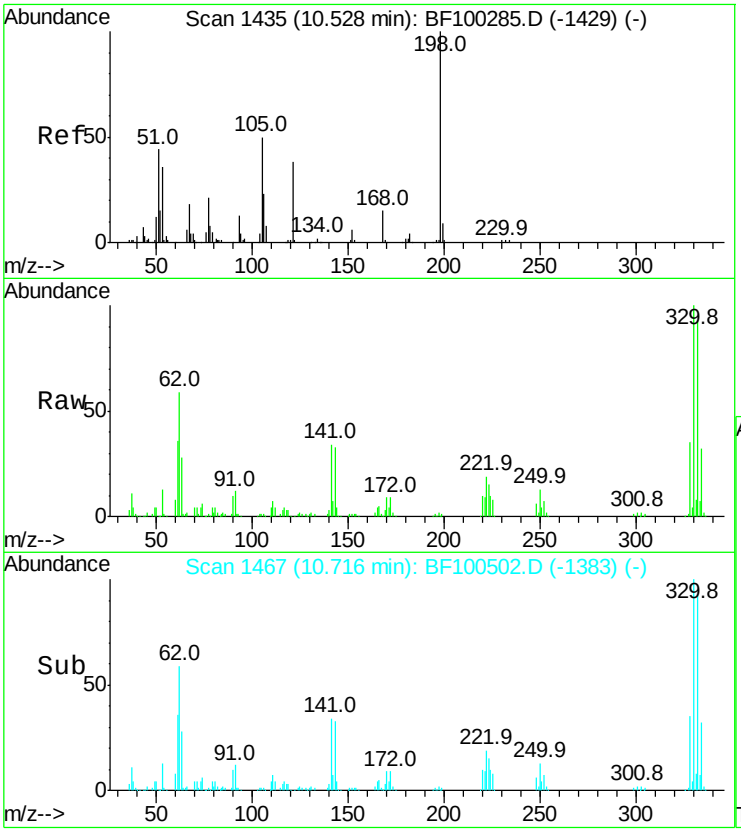


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Tgt Ion:188 Resp: 336013

Ion	Ratio	Lower	Upper
188	100		
94	6.9	8.5	12.7#
80	8.0	9.2	13.8#



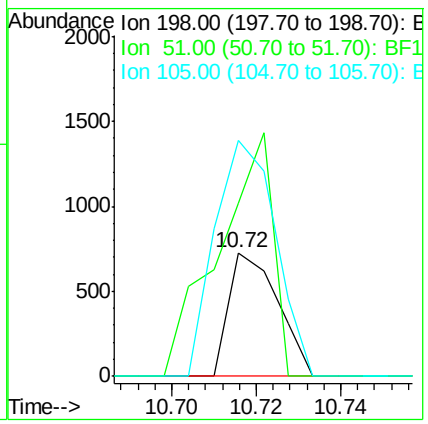


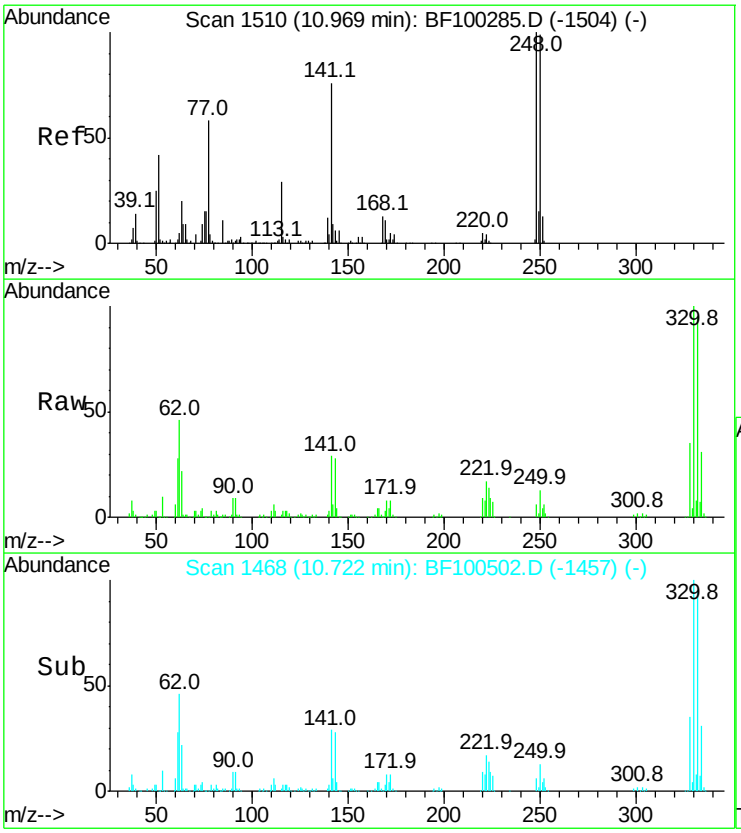
#64
4,6-Dinitro-2-methylphenol
Concen: 8.854 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 586

Ion	Ratio	Lower	Upper
198	100		
51	139.8	37.7	77.7#
105	191.1	36.3	76.3#

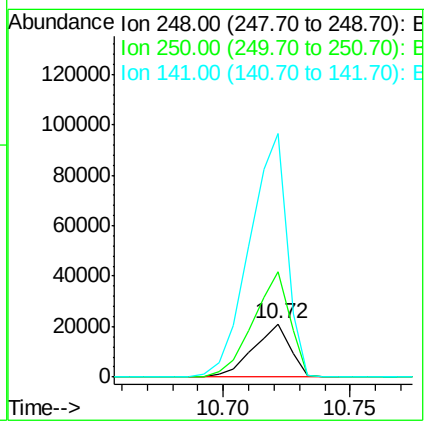


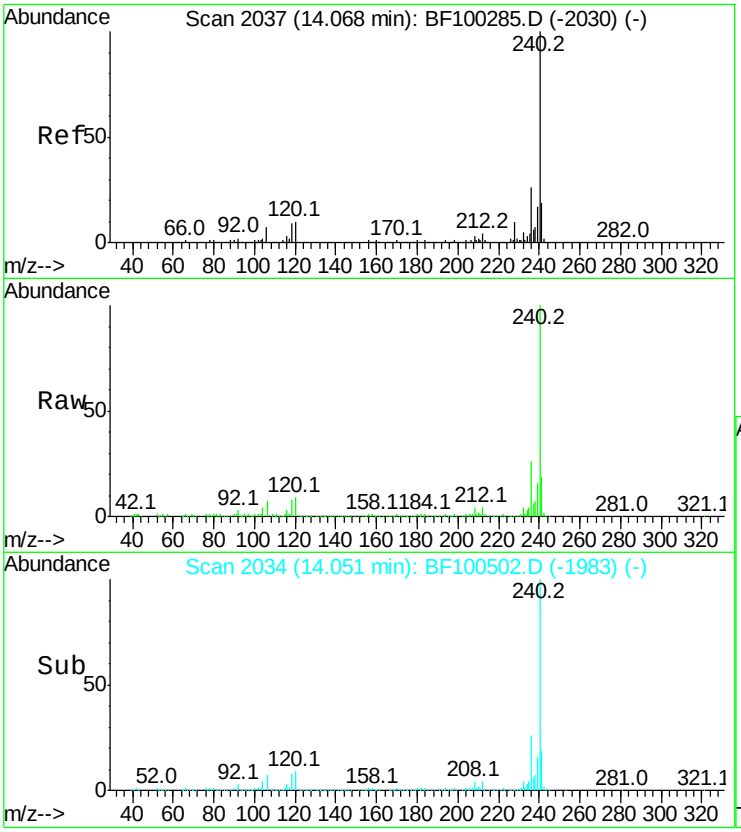


#66
4-Bromophenyl-phenylether
Concen: 5.912 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Tgt Ion:248 Resp: 21296

Ion	Ratio	Lower	Upper
248	100		
250	199.8	76.9	115.3#
141	459.8	74.4	111.6#



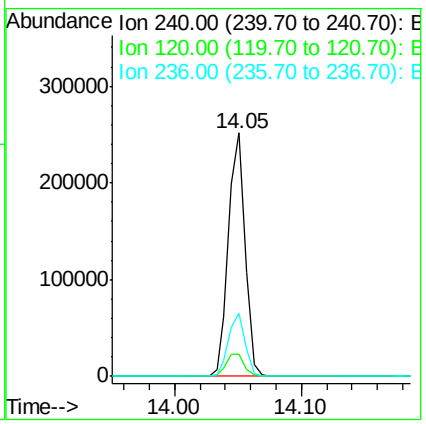


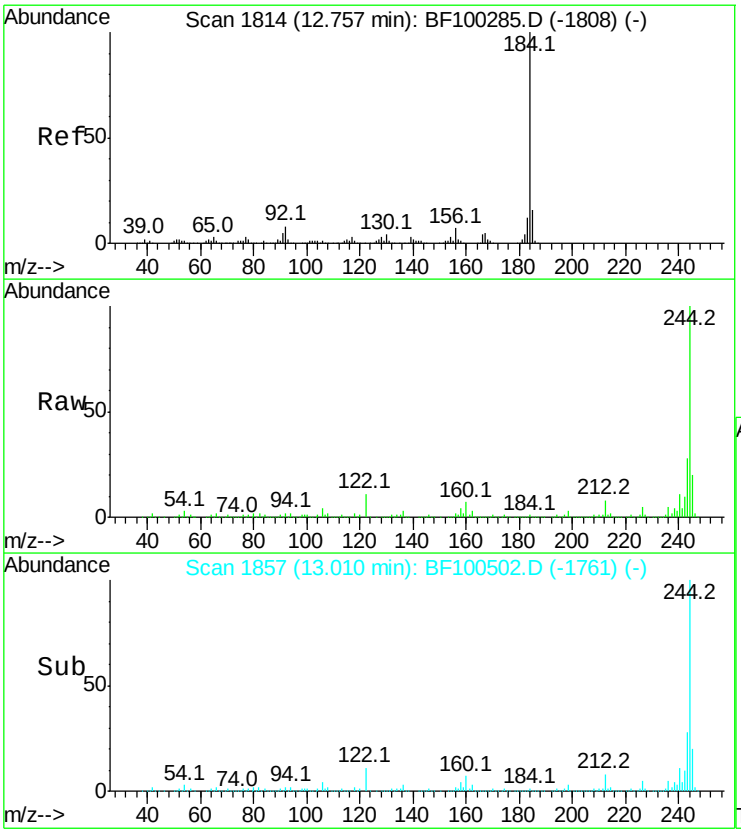
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 228414

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	25.9	20.7	31.1

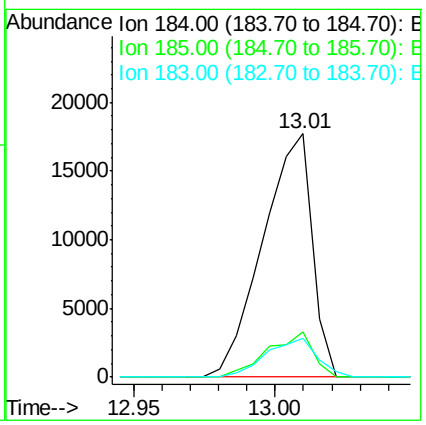


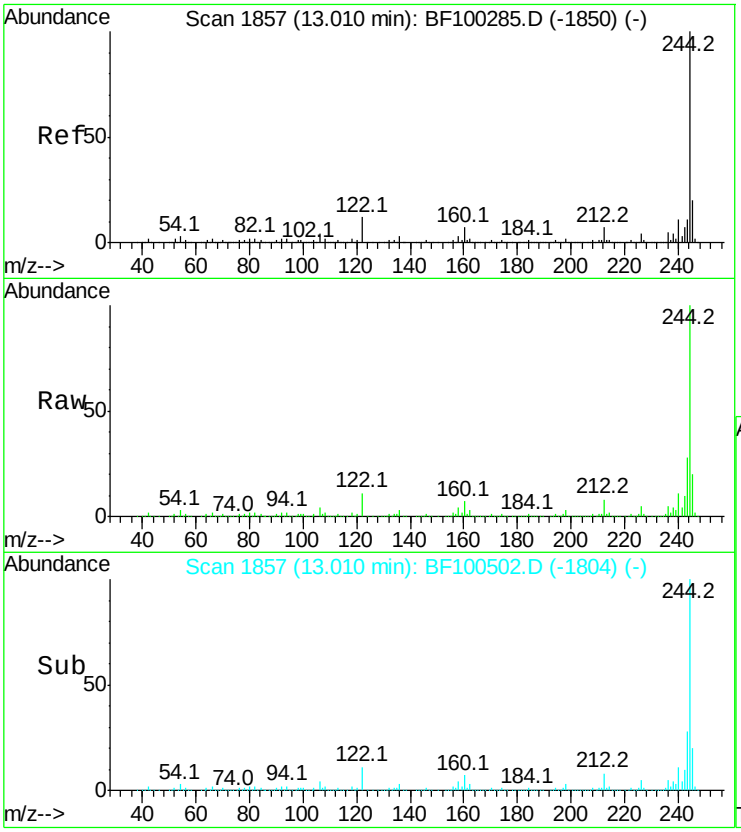


#76
Benzidine
Concen: 2.346 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.26 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Tgt Ion:184 Resp: 21464

Ion	Ratio	Lower	Upper
184	100		
185	18.7	12.6	18.8
183	15.9	9.3	13.9#



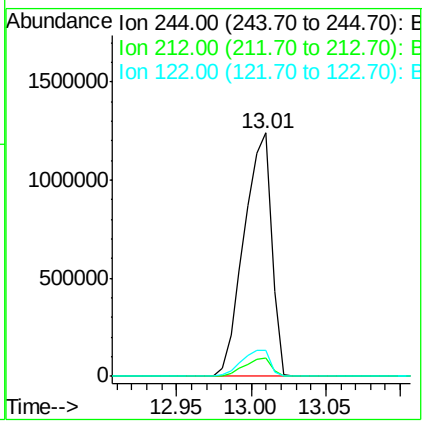


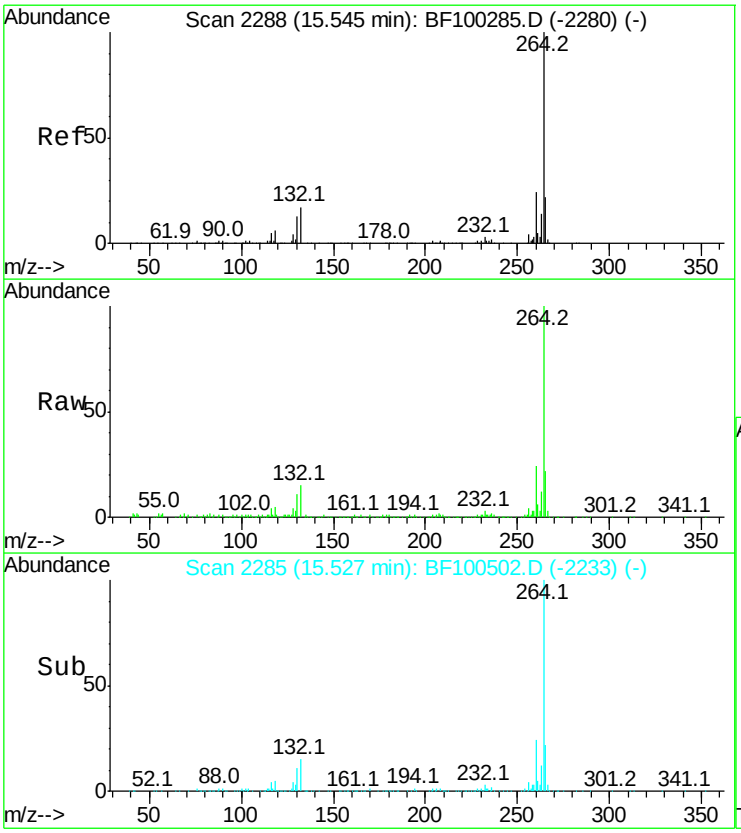
#78
Terphenyl-d14
Concen: 159.579 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1586368

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	10.8	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF100502.D
Acq: 13 Nov 2017 15:02

Tgt Ion:264 Resp: 188640

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	17.5	26.3