Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100422.D
Acq On : 11 Nov 2017 5:43
Operator : SJ/JU
Sample : I6355-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 13 07:18:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	163311	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	602343	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	249776	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	400348	20.00	ng	0.00
75) Chrysene-d12	14.06	240	332478	20.00	ng	0.00
86) Perylene-d12	15.54	264	256186	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	450246	44.19	ng	0.00
7) Phenol-d6	6.52	99	342990	27.30	ng	-0.01
23) Nitrobenzene-d5	7.47	82	948277	104.08	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	199147	78.24	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1549461	94.46	ng	0.00
78) Terphenyl-d14	13.01	244	1161121	80.24	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	128488	14.747	ng	# 81
25) Isophorone	7.47	82	946557	49.440	ng	# 64
47) 2-Nitroaniline	9.65	65	131	2.811	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	32032	8.485	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	32032	6.726	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.73	198	448	8.752	ng	# 22
66) 4-Bromophenyl-phenylether	10.72	248	12612	2.939	ng	# 1

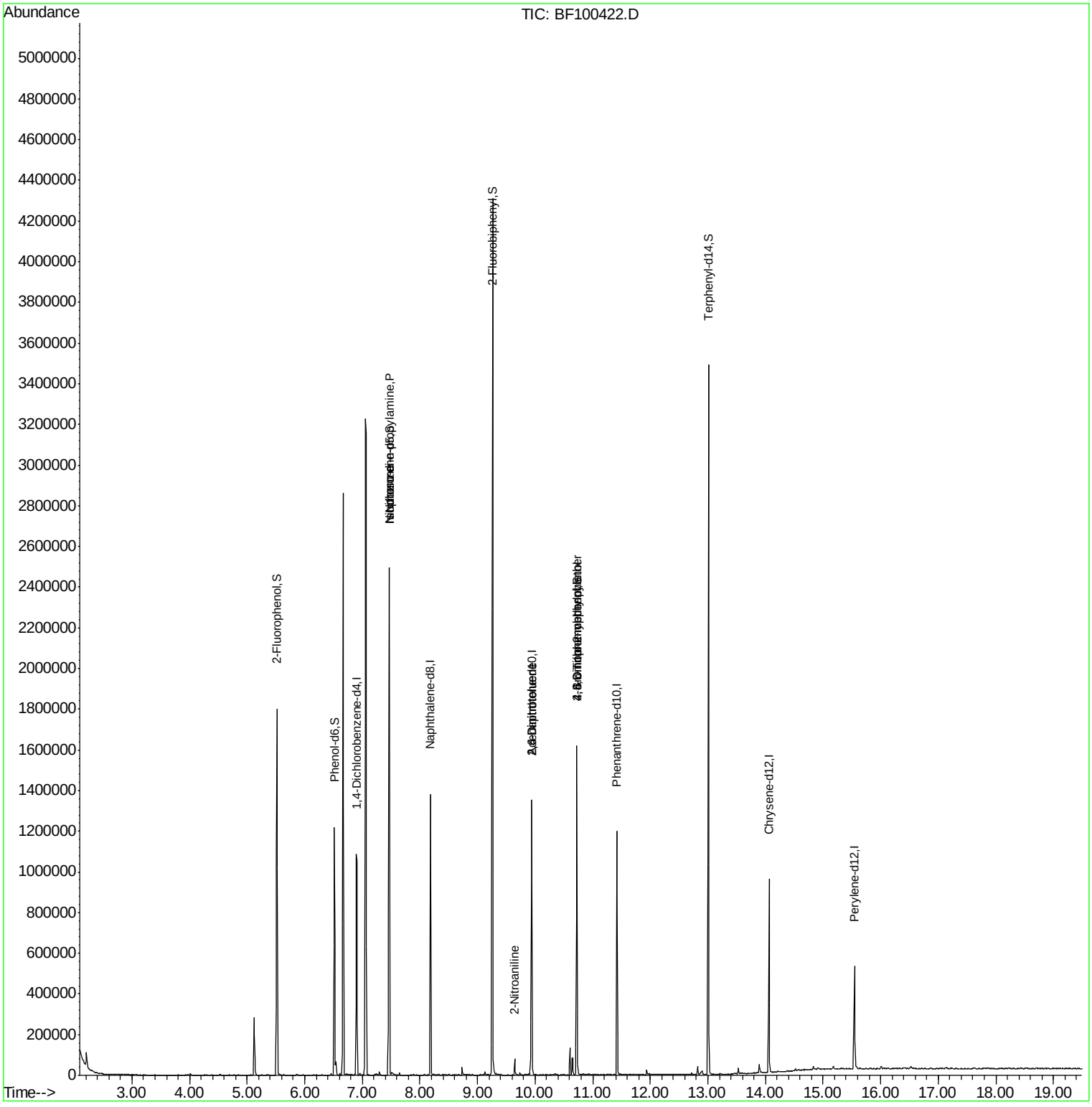
(#) = qualifier out of range (m) = manual integration (+) = signals summed

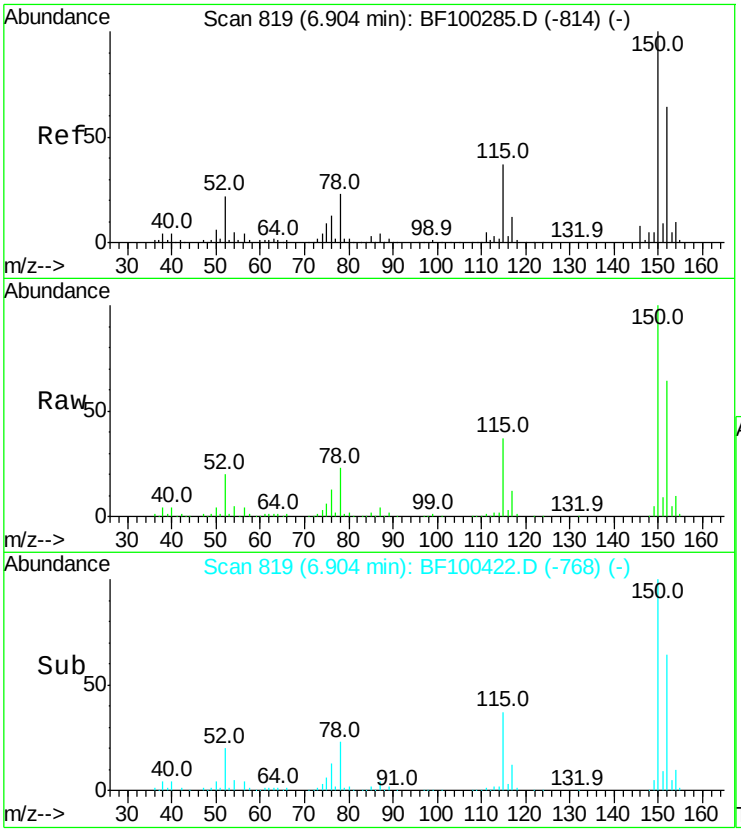
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100422.D
Acq On : 11 Nov 2017 5:43
Operator : SJ/JU
Sample : I6355-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 13 07:18:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration



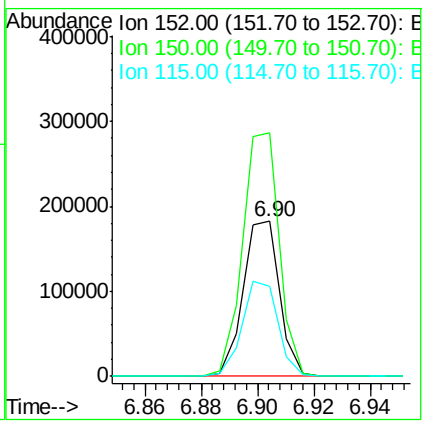


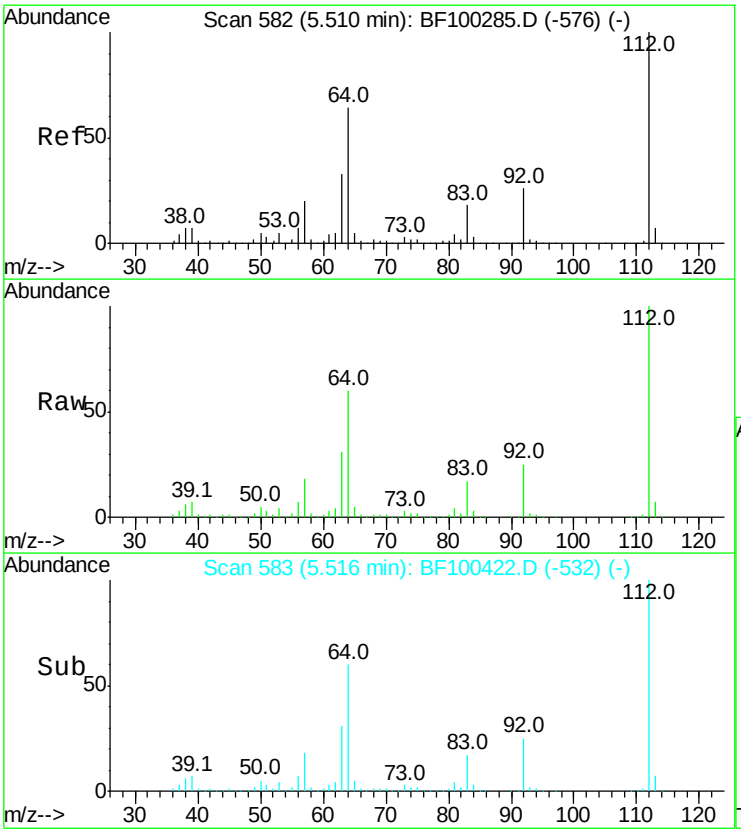
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 163311

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	57.8	50.1	75.1

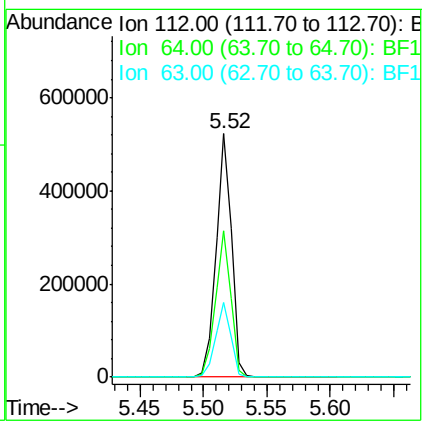


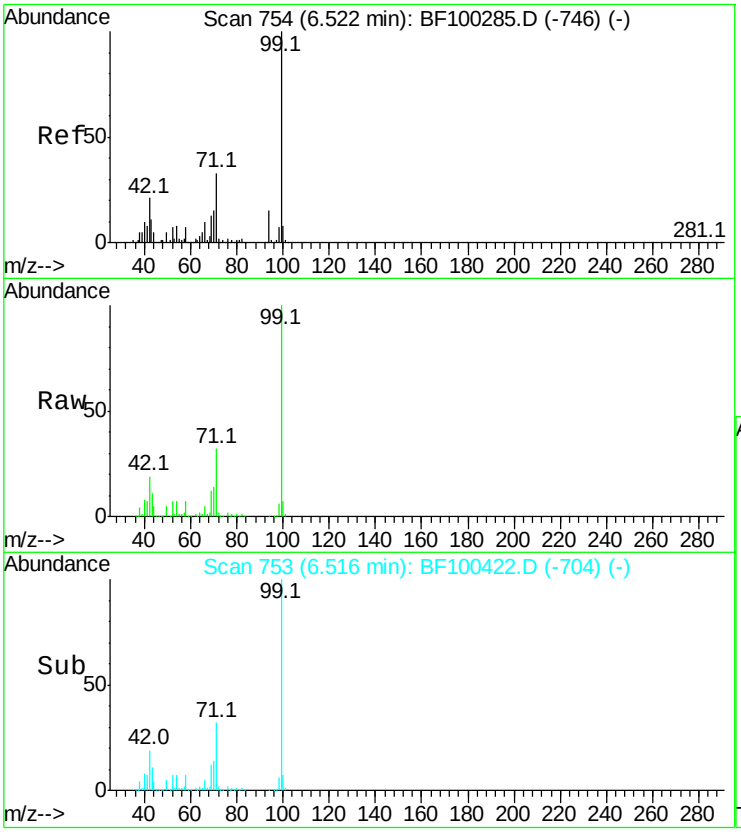


#5
2-Fluorophenol
Concen: 44.194 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Tgt Ion:112 Resp: 450246

Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	30.7	23.7	35.5



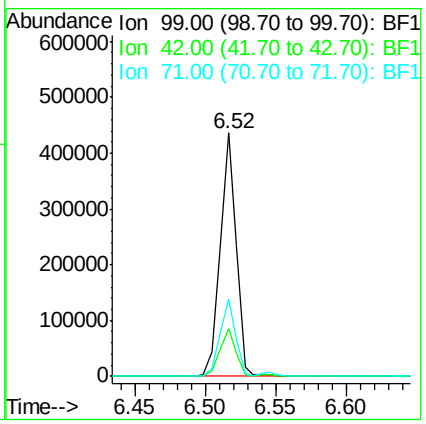


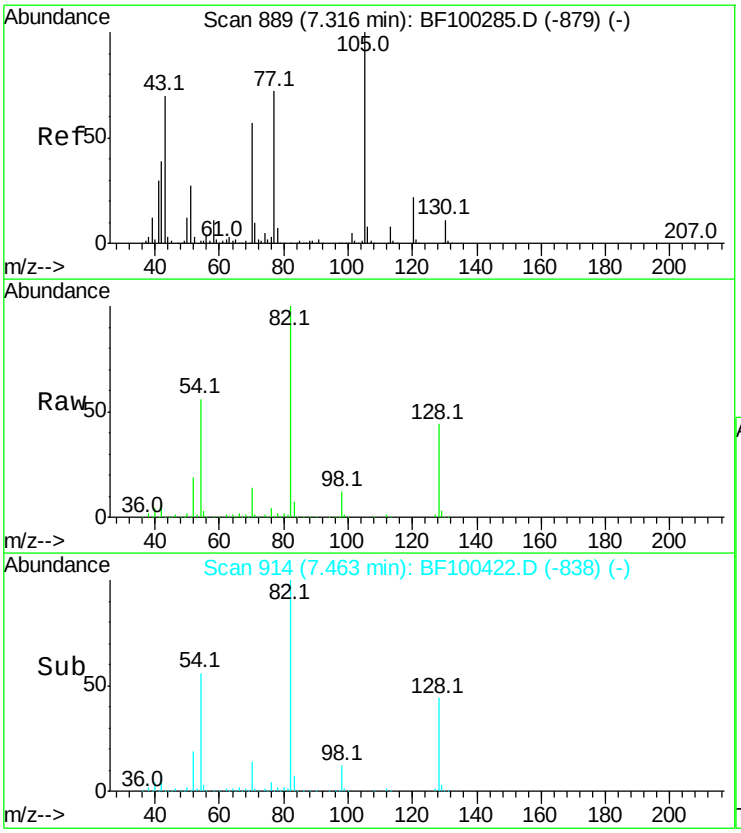
#7
Phenol-d6
Concen: 27.302 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 342990

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	32.0	25.4	38.0

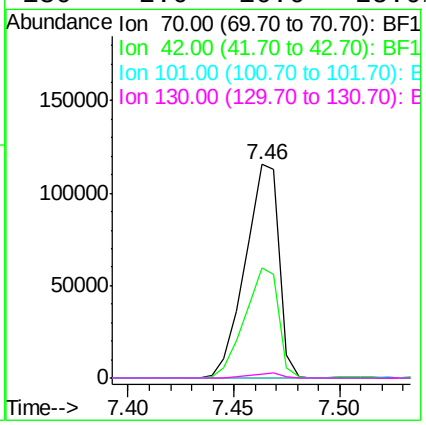


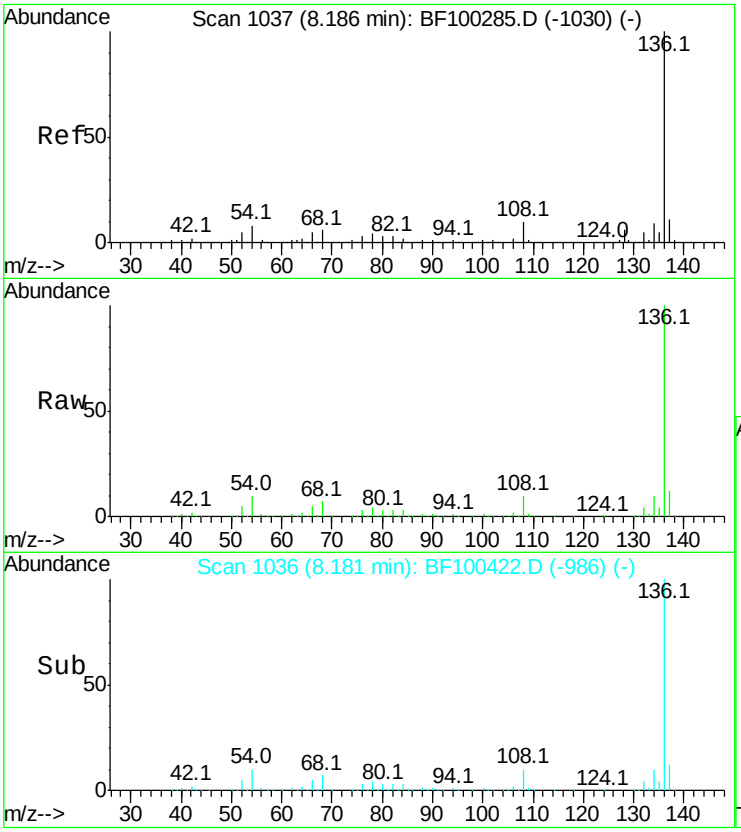


#19
n-Nitroso-di-n-propylamine
Concen: 14.747 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Tgt Ion: 70 Resp: 128488

Ion	Ratio	Lower	Upper
70	100		
42	51.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



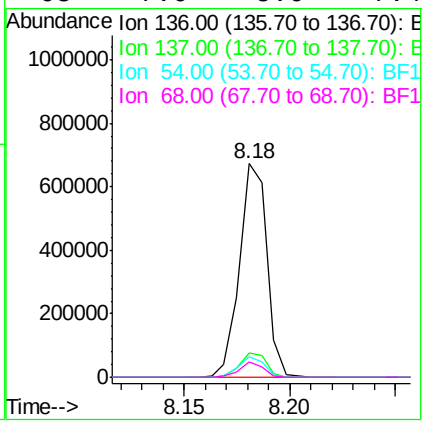


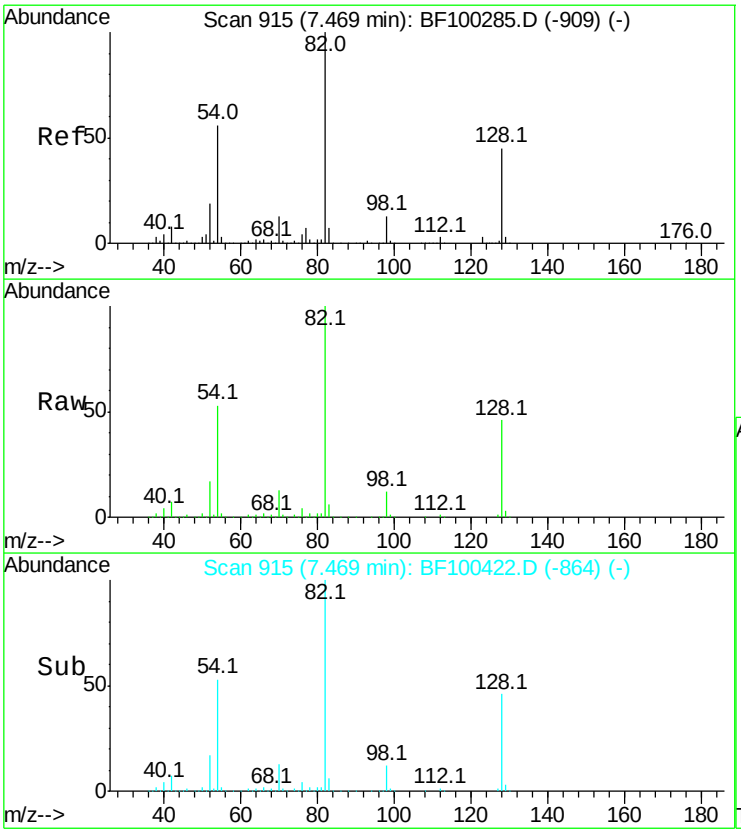
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 602343

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	9.6	6.6	9.8
68	7.0	5.0	7.4

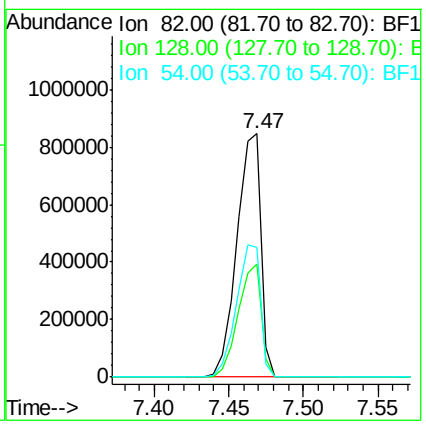


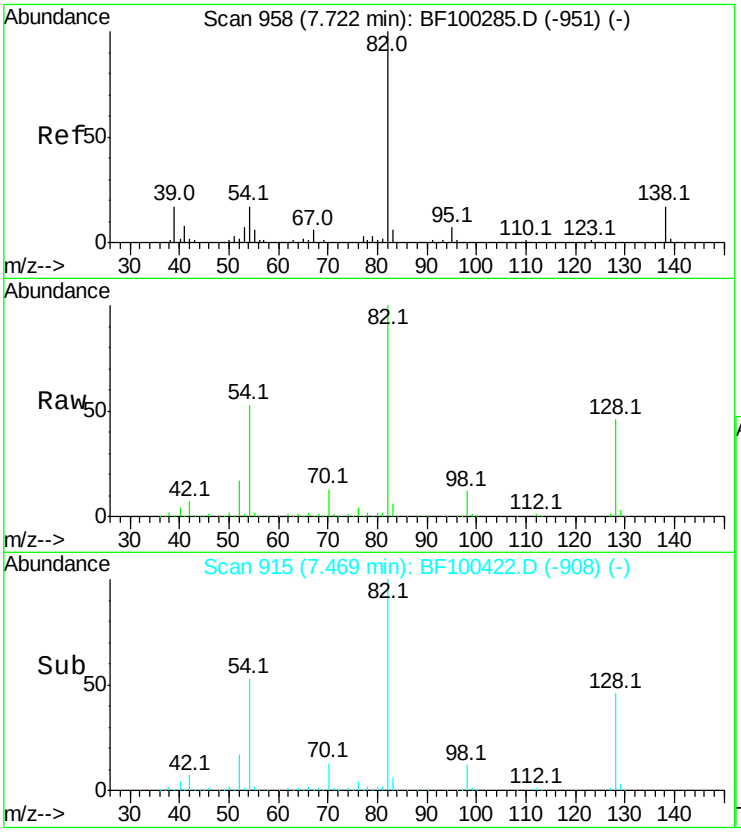


#23
Nitrobenzene-d5
Concen: 104.083 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Tgt Ion: 82 Resp: 948277

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	53.2	41.4	62.2



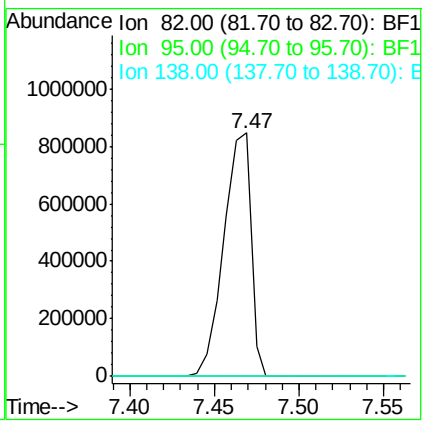


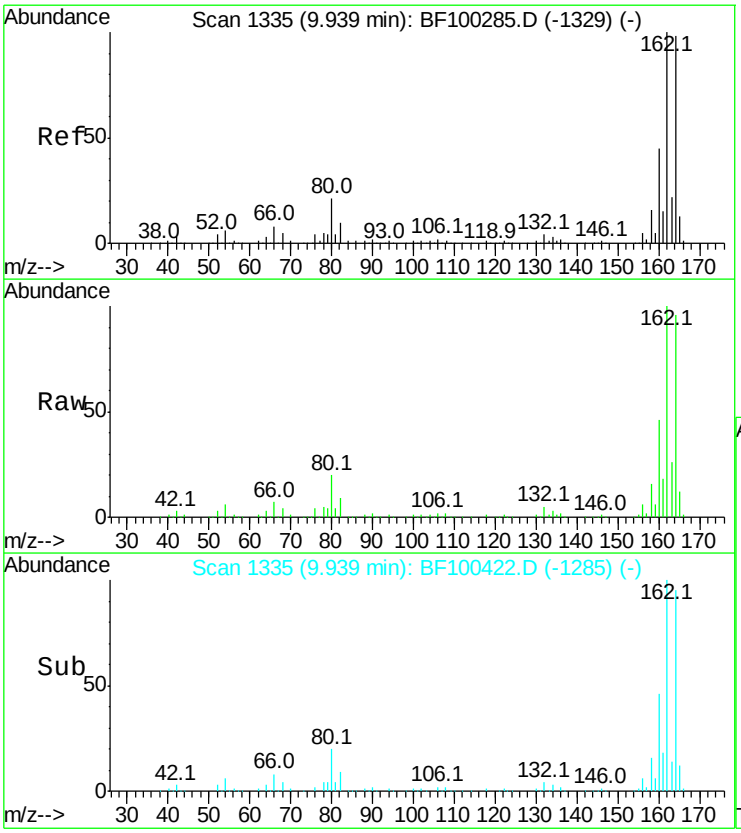
#25
Isophorone
Concen: 49.440 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.26 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 946557

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

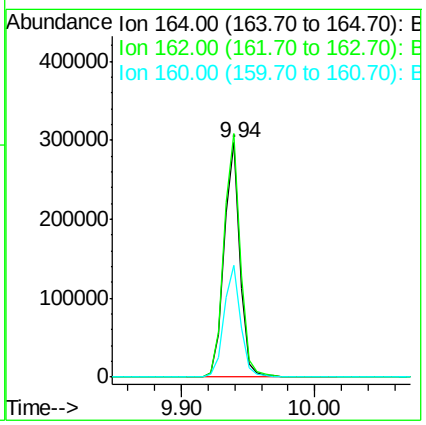


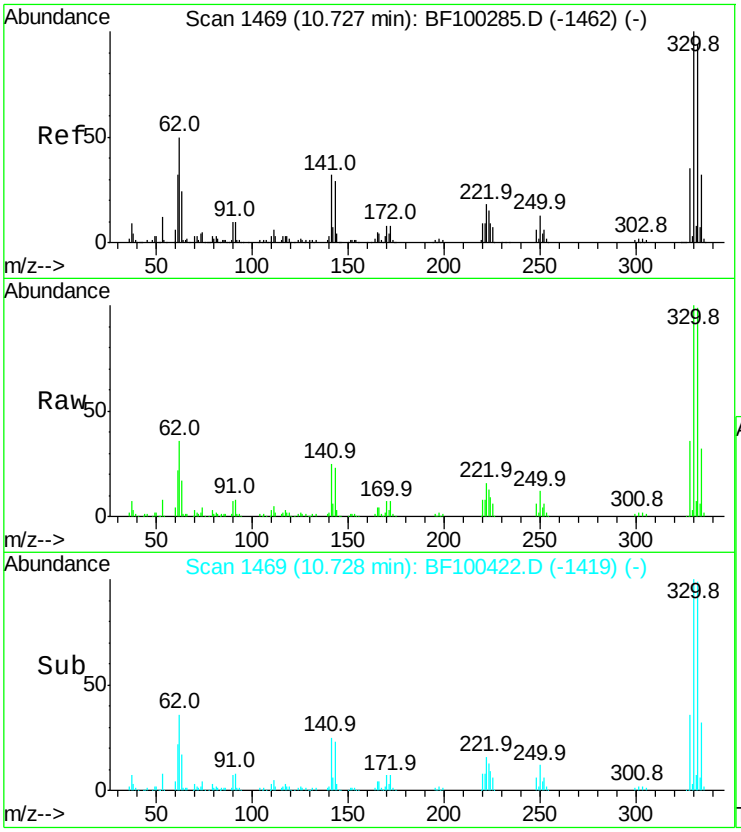


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Tgt Ion:164 Resp: 249776

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	48.0	38.3	57.5



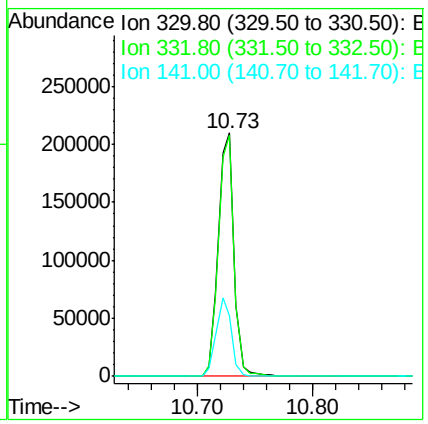


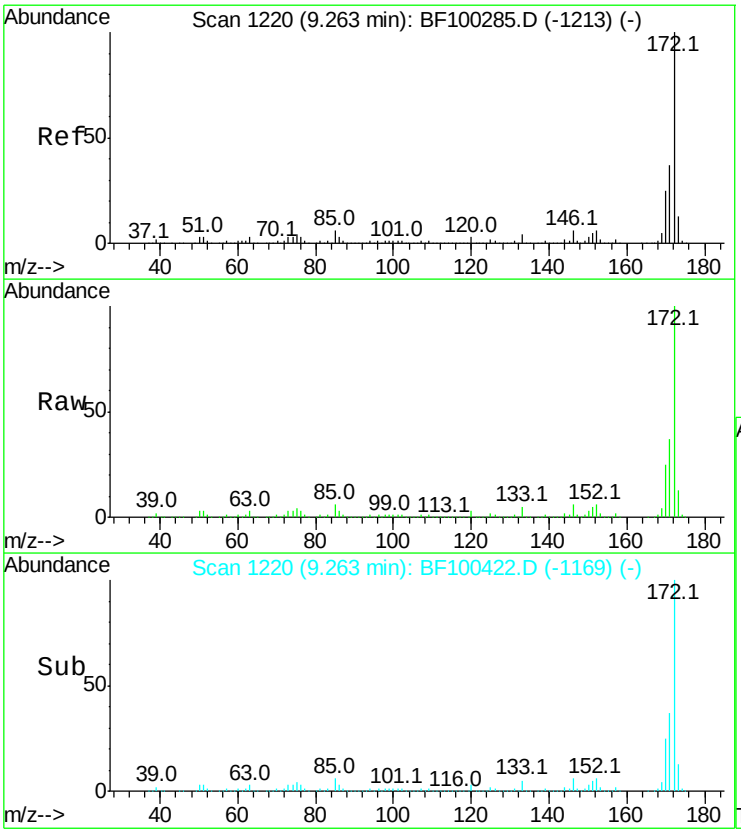
#41
2,4,6-Tribromophenol
Concen: 78.244 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 199147

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	31.2	29.9	44.9

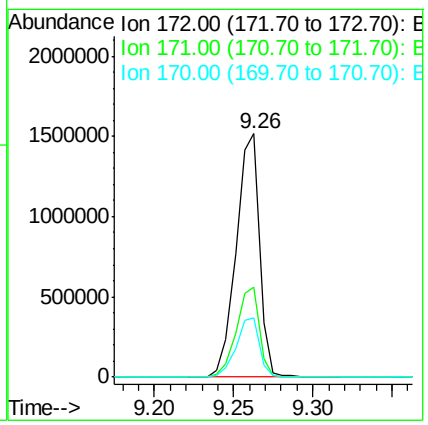


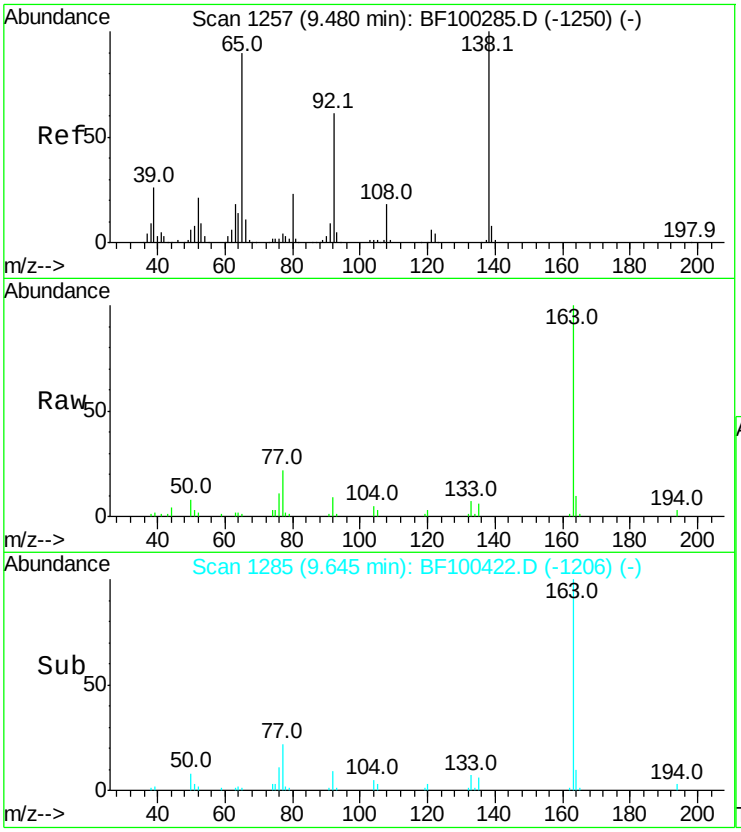


#44
2-Fluorobiphenyl
Concen: 94.460 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Tgt Ion:172 Resp: 1549461

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.6	19.6	29.4



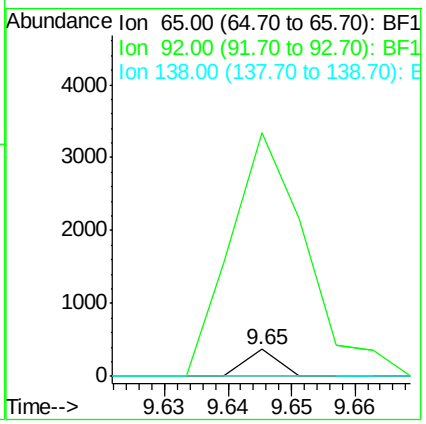


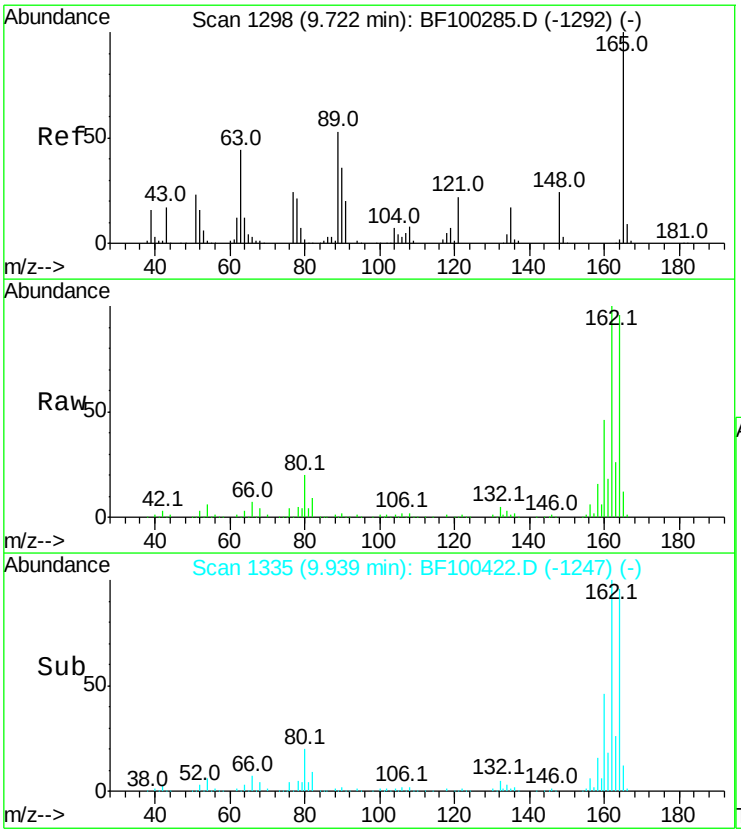
#47
2-Nitroaniline
Concen: 2.811 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.16 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 131

Ion	Ratio	Lower	Upper
65	100		
92	902.7	55.8	83.6#
138	0.0	91.2	136.8#

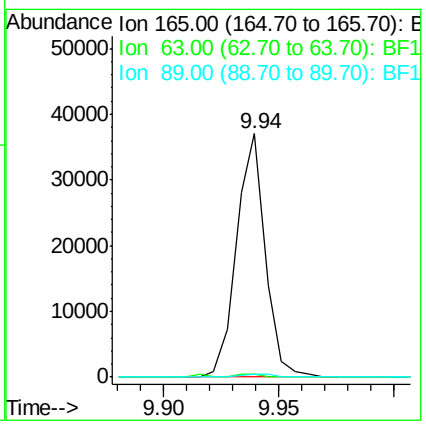


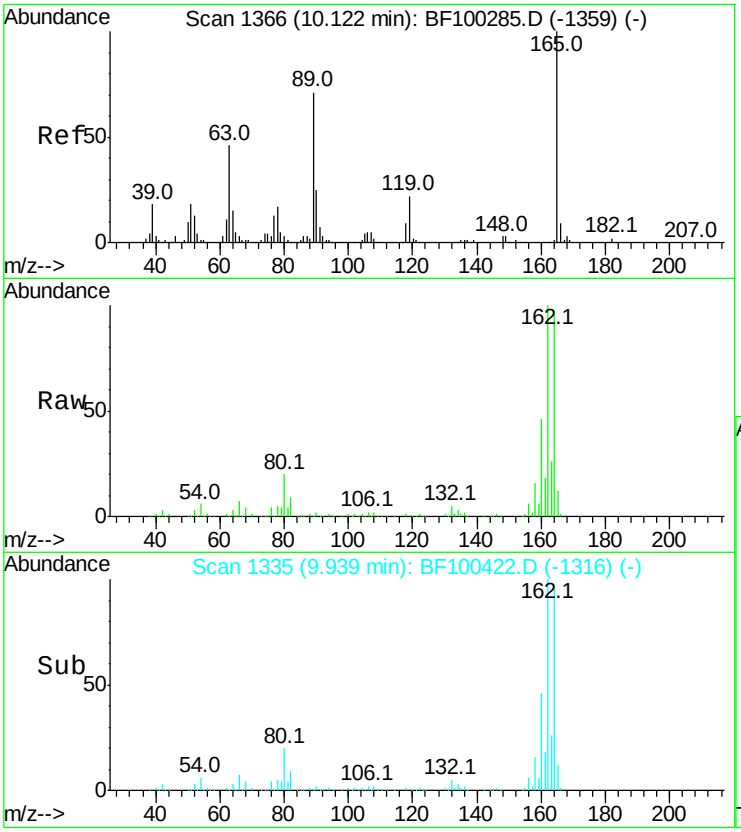


#50
2,6-Dinitrotoluene
Concen: 8.485 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Tgt Ion:165 Resp: 32032

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.5	44.0	66.0#



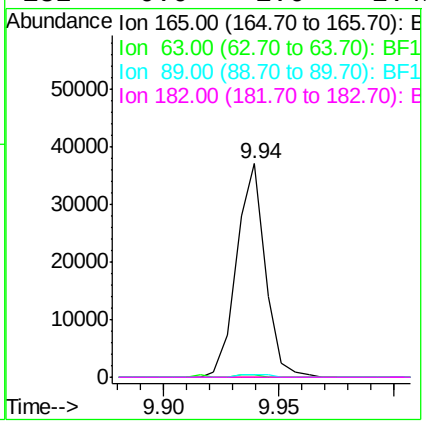


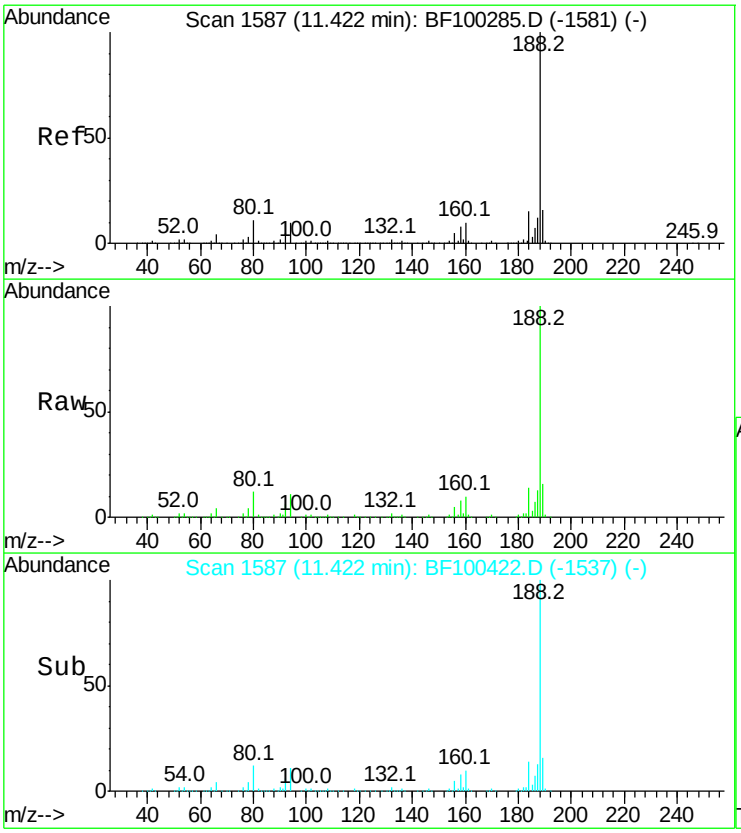
#56
2,4-Dinitrotoluene
Concen: 6.726 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.19 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32032

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

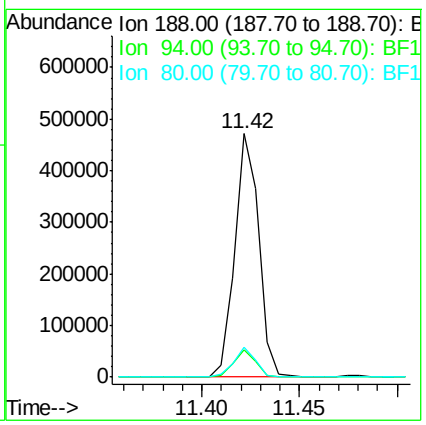


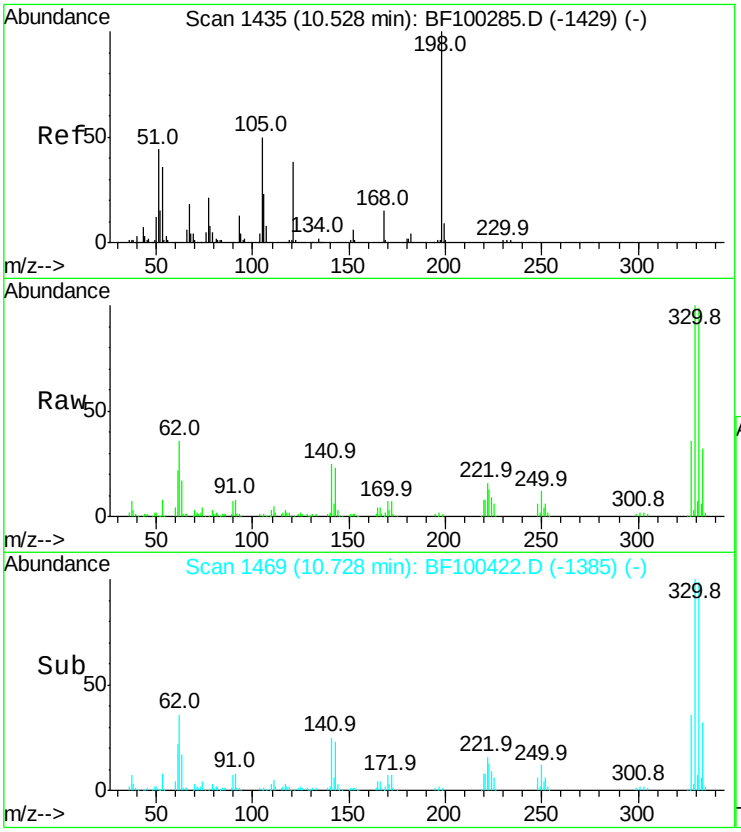


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Tgt Ion:188 Resp: 400348

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.0	9.2	13.8



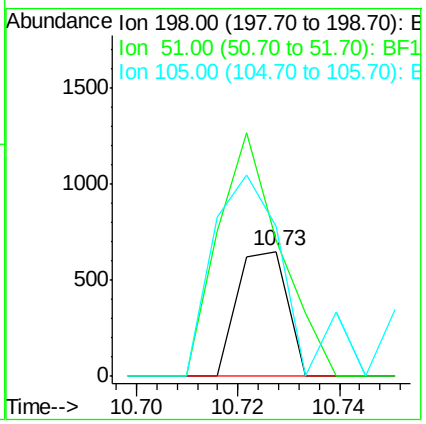


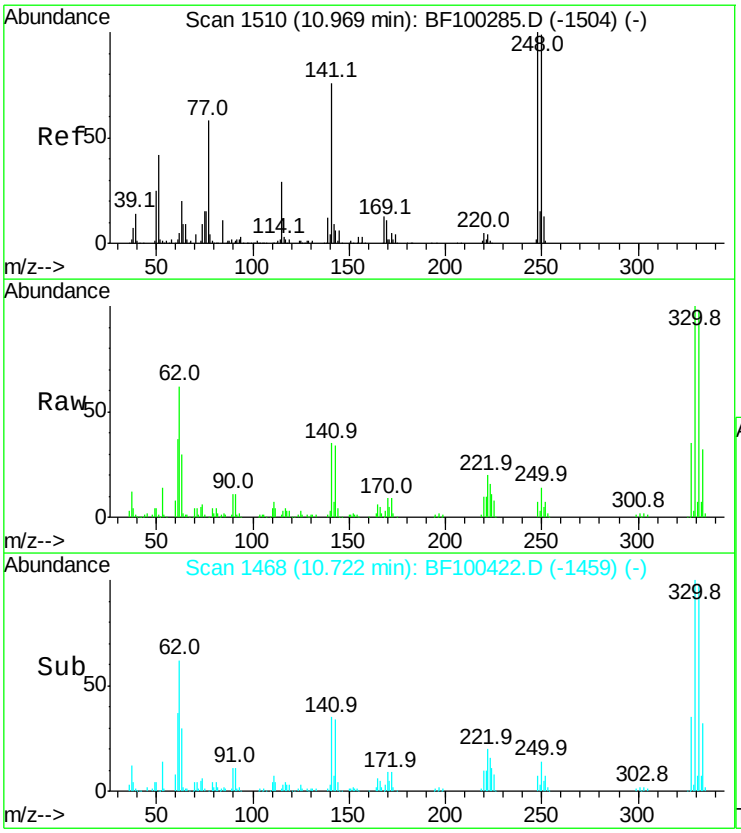
#64
4,6-Dinitro-2-methylphenol
Concen: 8.752 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.19 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 448

Ion	Ratio	Lower	Upper
198	100		
51	108.8	37.7	77.7#
105	120.5	36.3	76.3#

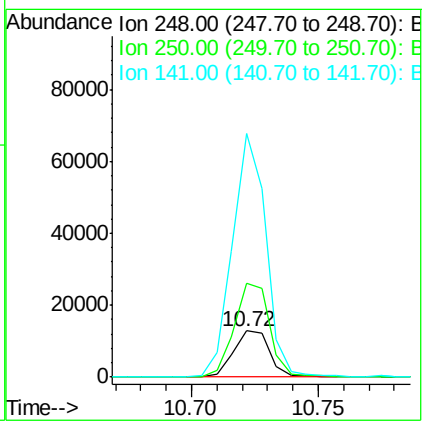


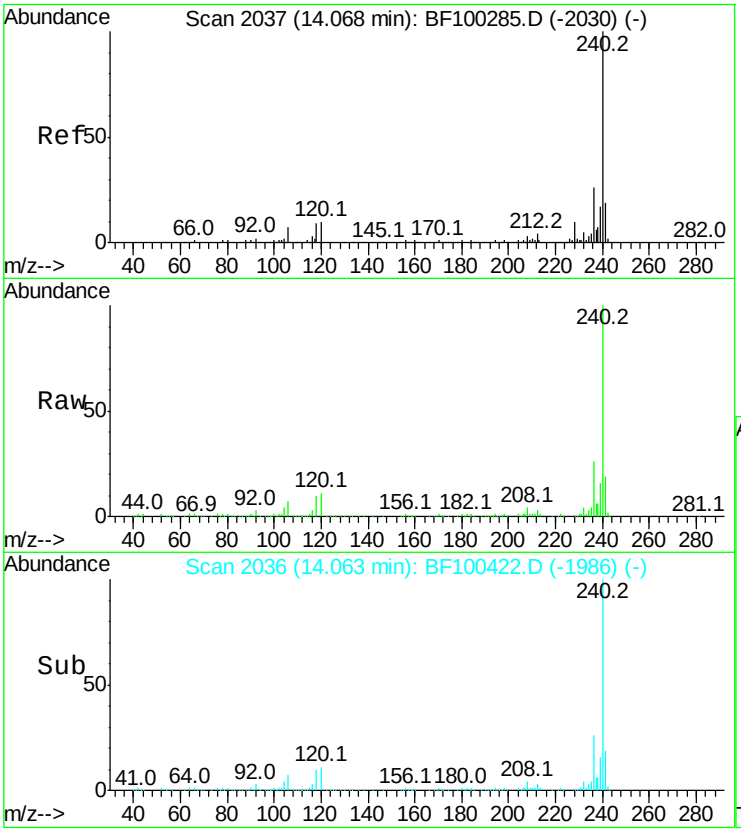


#66
4-Bromophenyl-phenylether
Concen: 2.939 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.25 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Tgt Ion:248 Resp: 12612

Ion	Ratio	Lower	Upper
248	100		
250	203.3	76.9	115.3#
141	524.0	74.4	111.6#



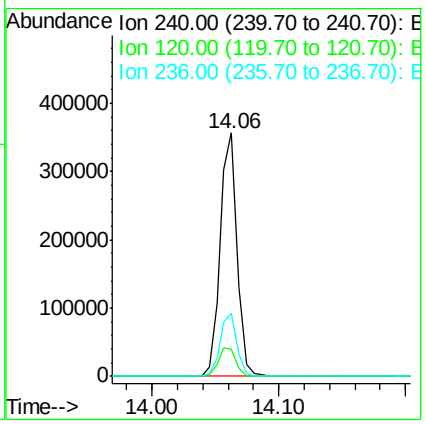


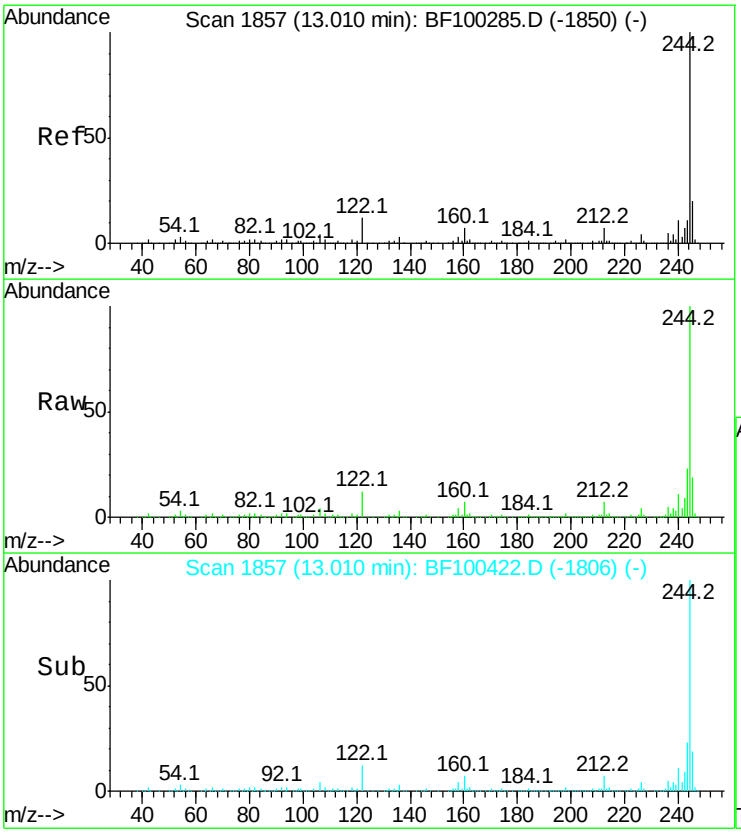
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 332478

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.9	20.7	31.1

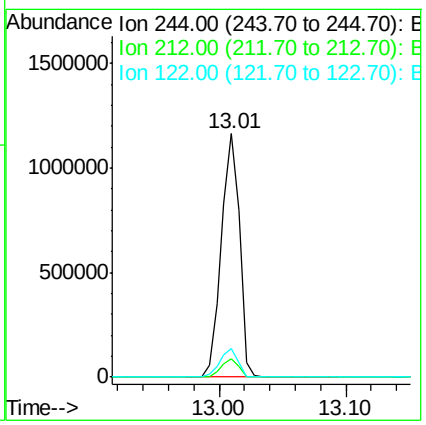


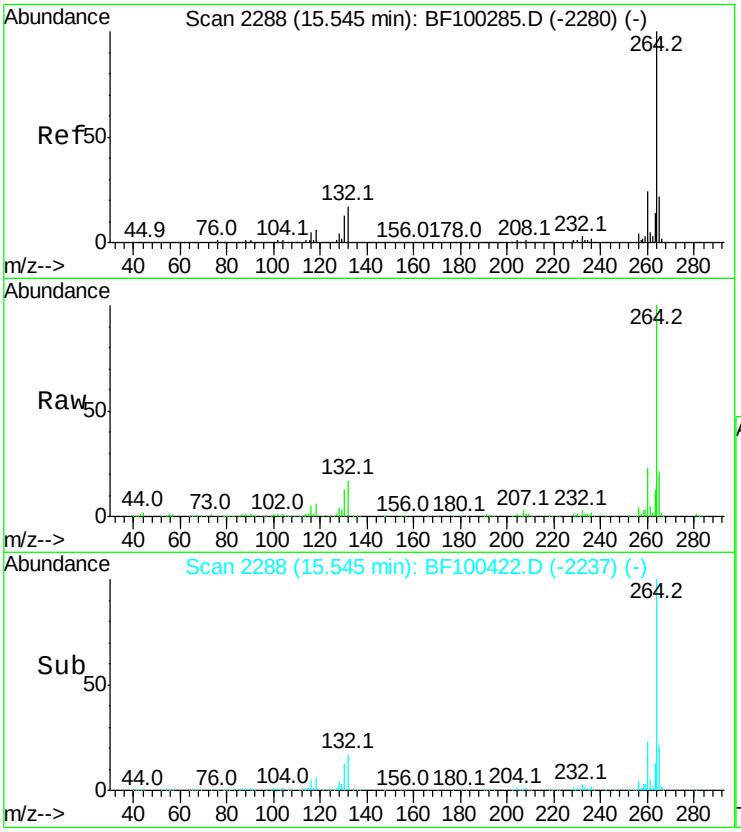


#78
Terphenyl-d14
Concen: 80.243 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Tgt Ion:244 Resp: 1161121

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	11.8	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF100422.D
Acq: 11 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 256186

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.8	17.5	26.3