Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100341.D
Acq On : 9 Nov 2017 14:50
Operator : SJ/JU
Sample : PB103997BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 09 16:08:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 16:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	145958	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	541457	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	211464	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	357451	20.00	ng	0.00
75) Chrysene-d12	14.06	240	316244	20.00	ng	0.00
86) Perylene-d12	15.54	264	221981	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	976062	107.20	ng	0.02
7) Phenol-d6	6.53	99	1150652	102.48	ng	0.00
23) Nitrobenzene-d5	7.46	82	684081	83.53	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	212209	98.48	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1236341	89.03	ng	0.00
78) Terphenyl-d14	13.01	244	989870	71.92	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	93002	11.944	ng	# 79
25) Isophorone	7.46	82	683931	39.740	ng	# 64
47) 2-Nitroaniline	9.26	65	2060	3.279	ng	# 5
50) 2,6-Dinitrotoluene	9.94	165	27622	8.643	ng	# 25
56) 2,4-Dinitrotoluene	9.94	165	27622	6.851	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	400	8.752	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	13235	3.454	ng	# 1

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

Quantitation Report (Not Reviewed)

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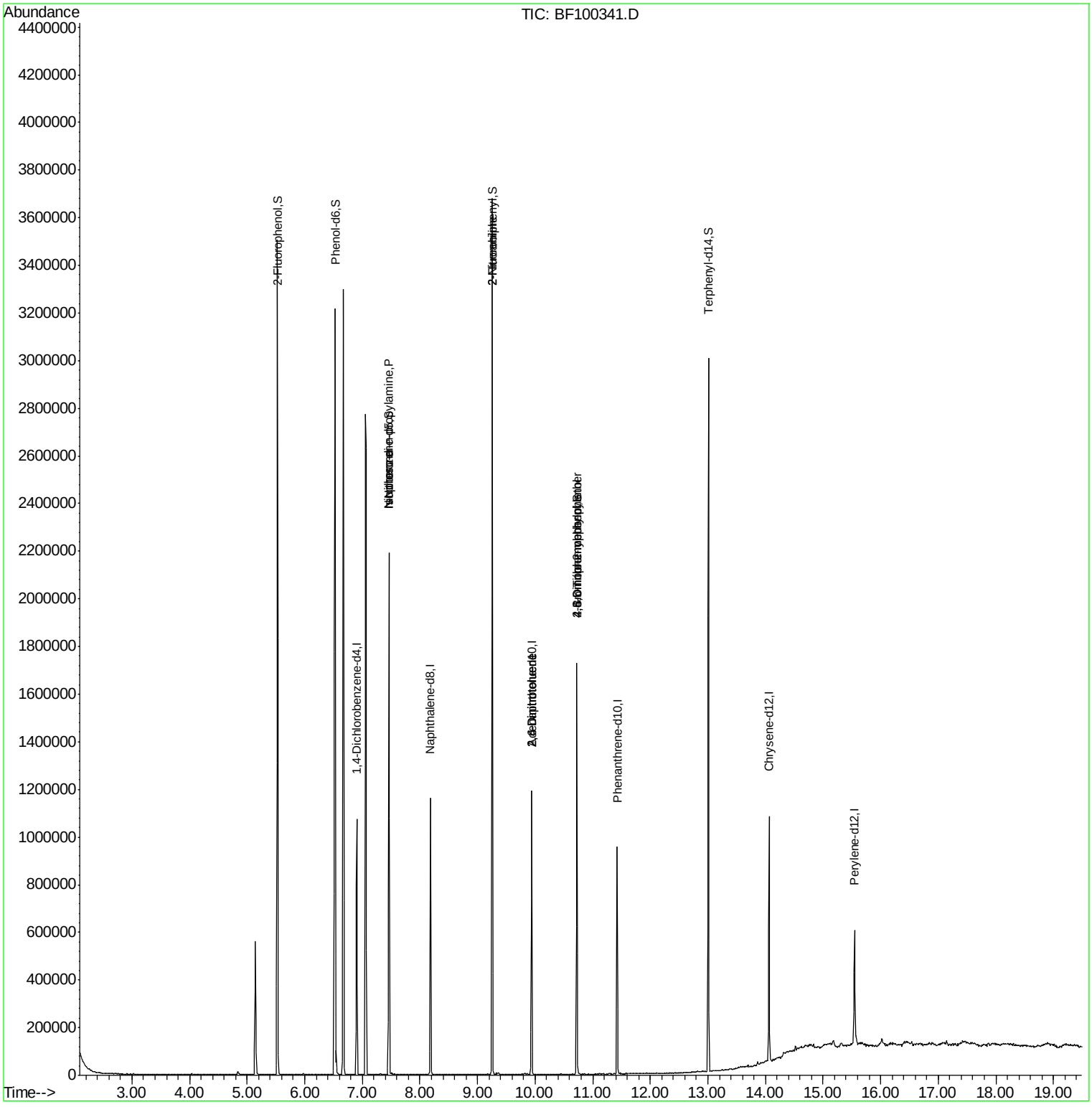
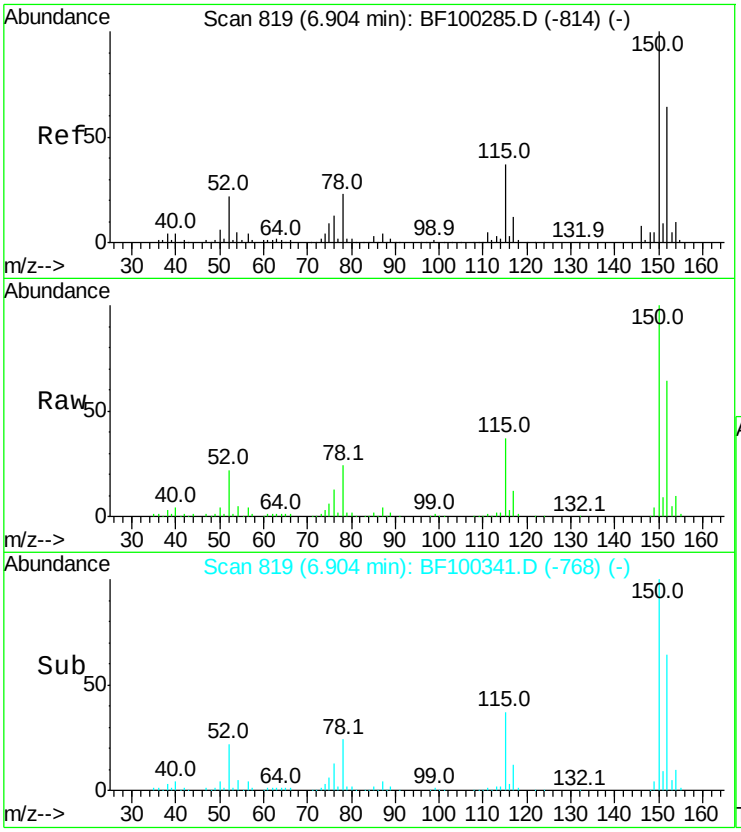


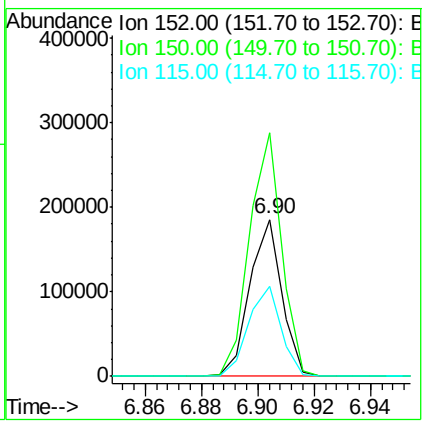


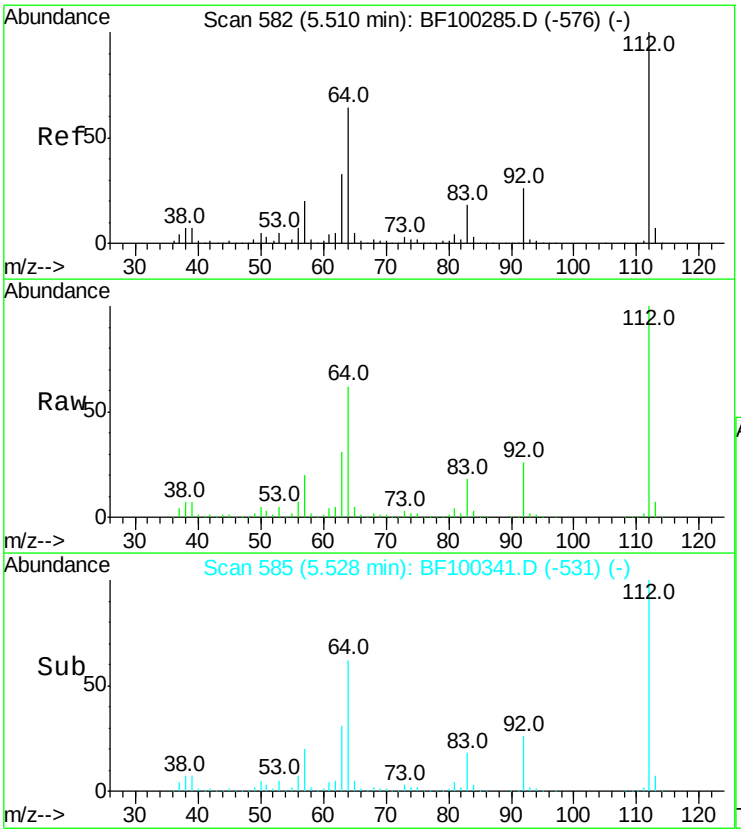
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100341.D
Acq: 9 Nov 2017 14:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 145958

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	57.7	50.1	75.1

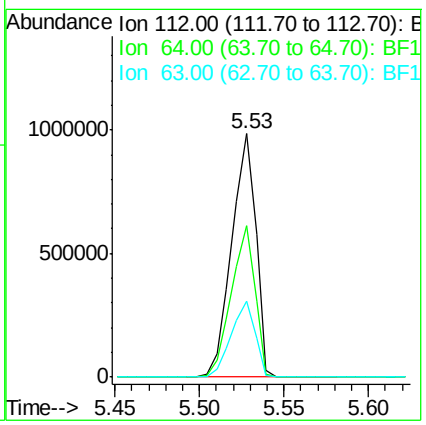


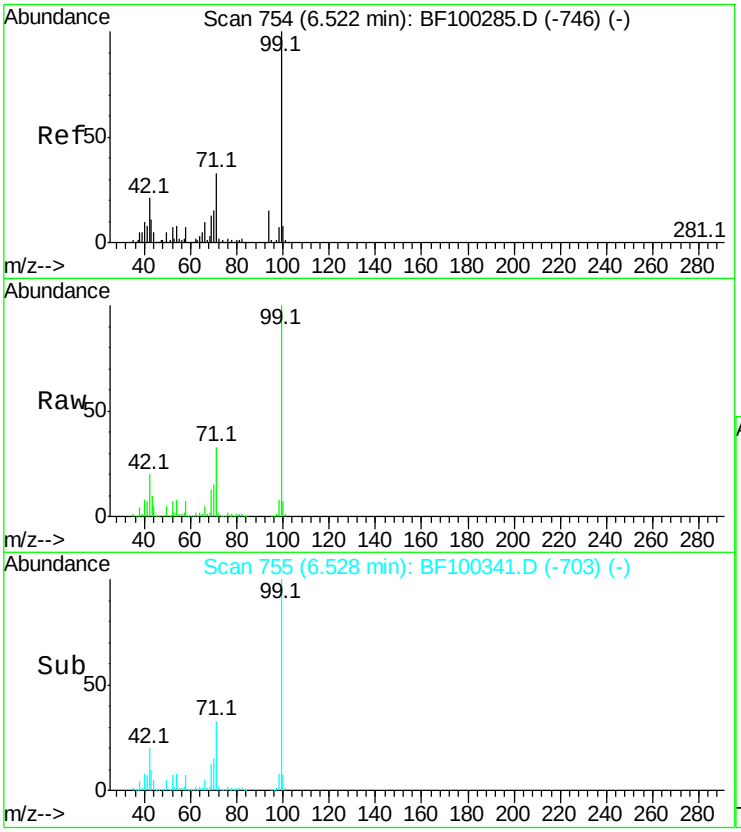


#5
2-Fluorophenol
Concen: 107.196 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF100341.D
Acq: 9 Nov 2017 14:50

Tgt Ion:112 Resp: 976062

Ion	Ratio	Lower	Upper
112	100		
64	62.1	47.9	71.9
63	31.2	23.7	35.5



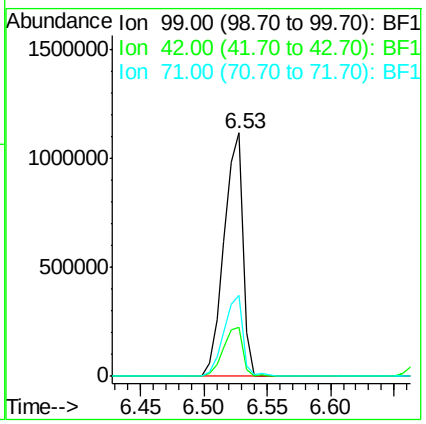


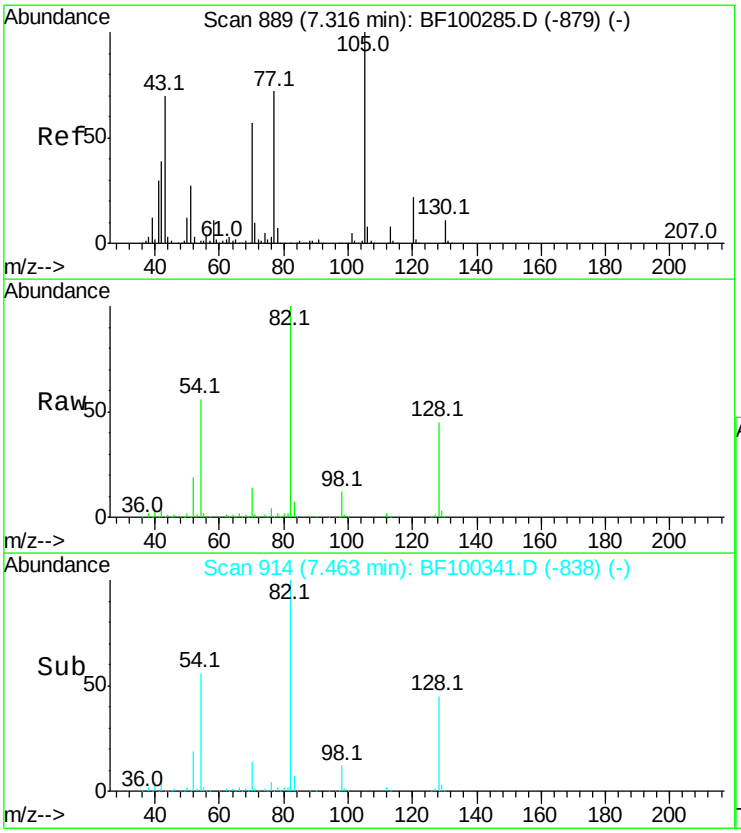
#7
Phenol-d6
Concen: 102.479 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF100341.D
Acq: 9 Nov 2017 14:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1150652

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	33.2	25.4	38.0

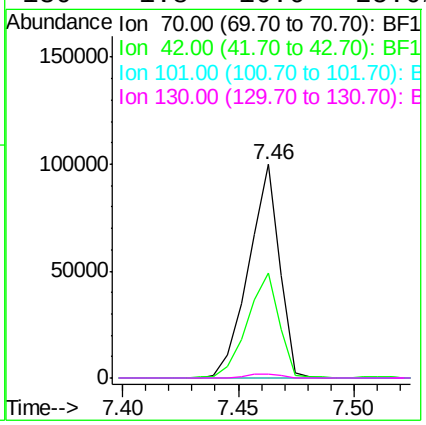


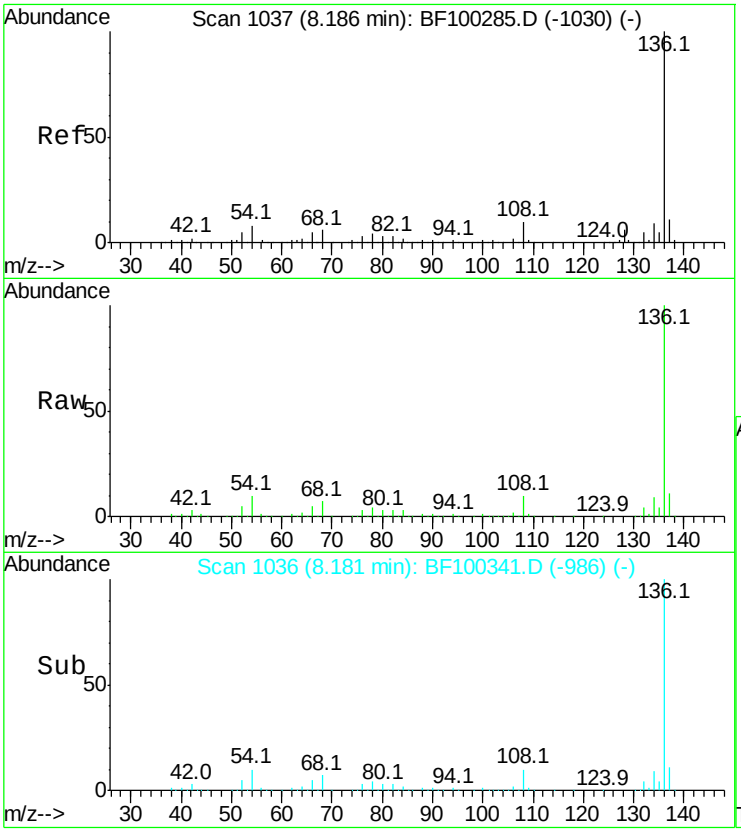


#19
n-Nitroso-di-n-propylamine
Concen: 11.944 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100341.D
Acq: 9 Nov 2017 14:50

Tgt Ion: 70 Resp: 93002

Ion	Ratio	Lower	Upper
70	100		
42	49.2	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



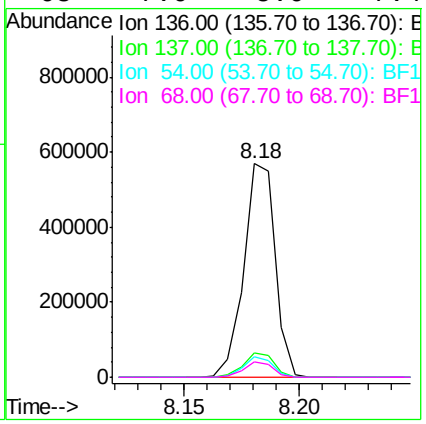


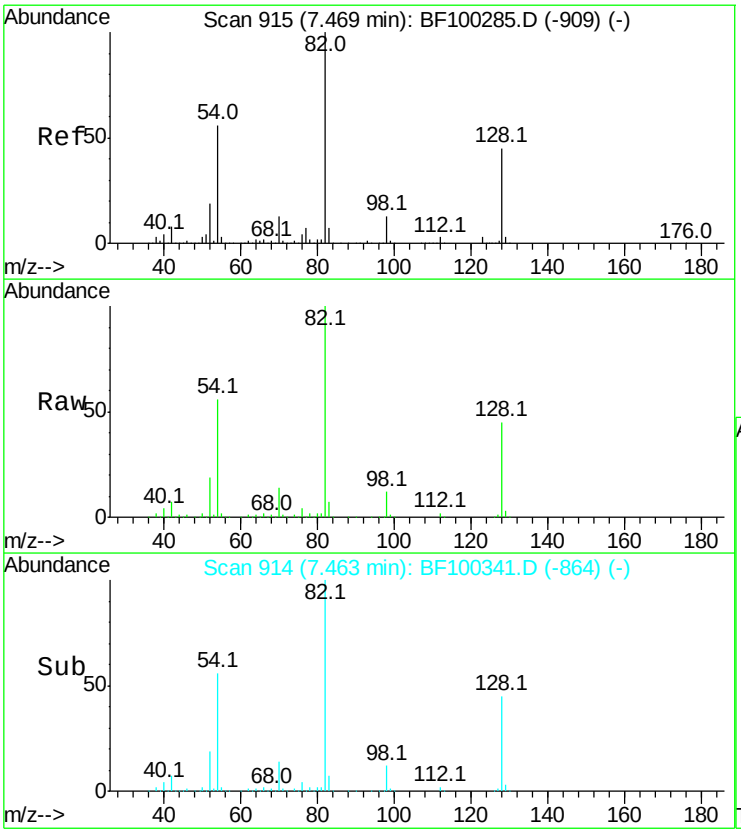
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100341.D
Acq: 9 Nov 2017 14:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 541457

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.6	6.6	9.8
68	7.0	5.0	7.4

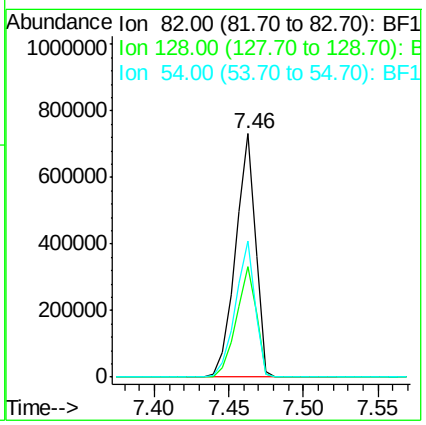


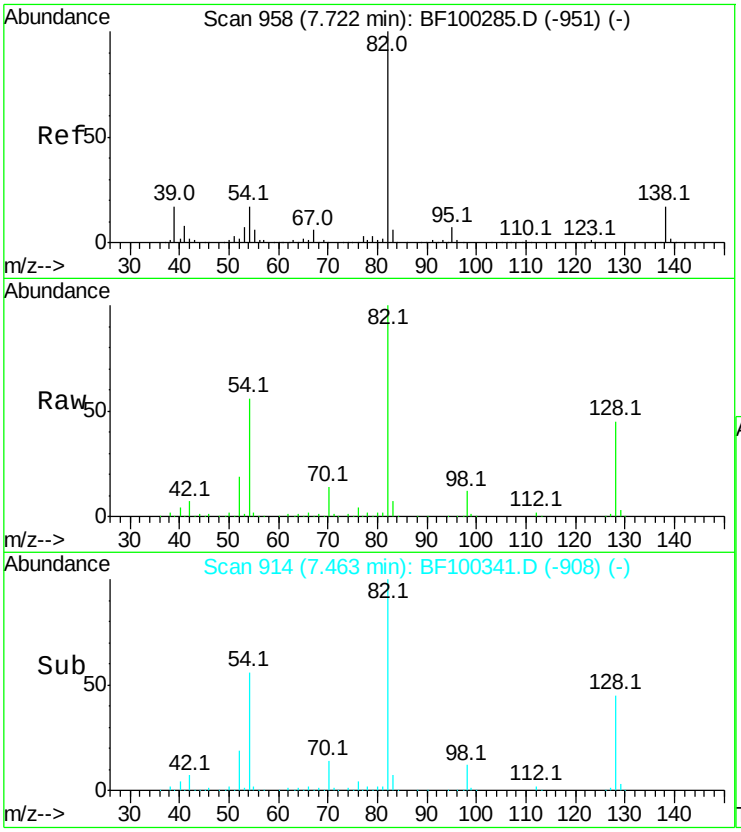


#23
Nitrobenzene-d5
Concen: 83.528 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100341.D
Acq: 9 Nov 2017 14:50

Tgt Ion: 82 Resp: 684081

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	55.7	41.4	62.2



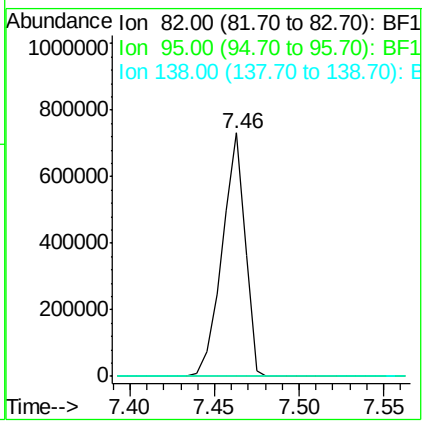


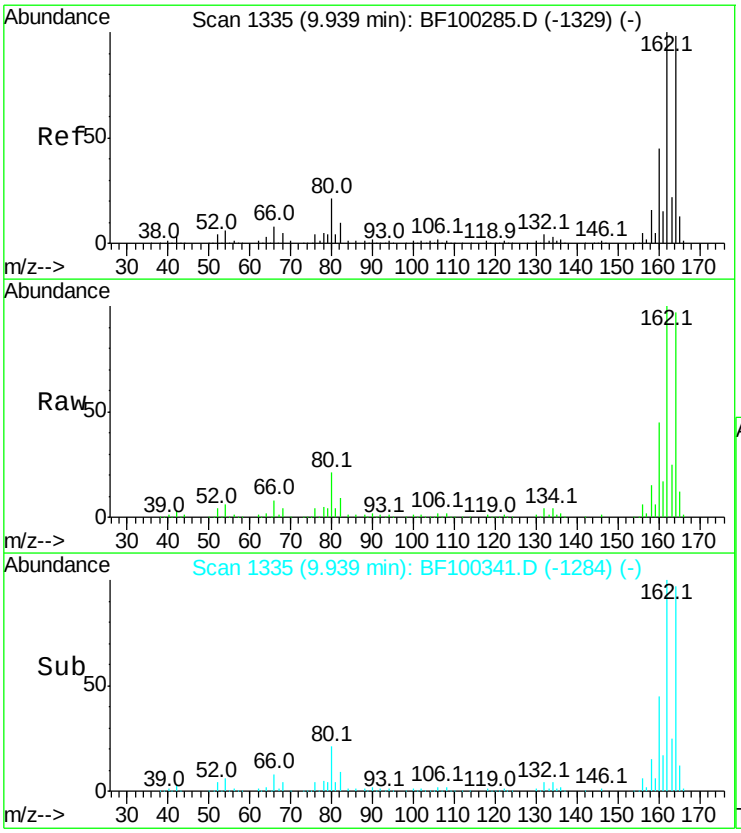
#25
Isophorone
Concen: 39.740 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100341.D
Acq: 9 Nov 2017 14:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 683931

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

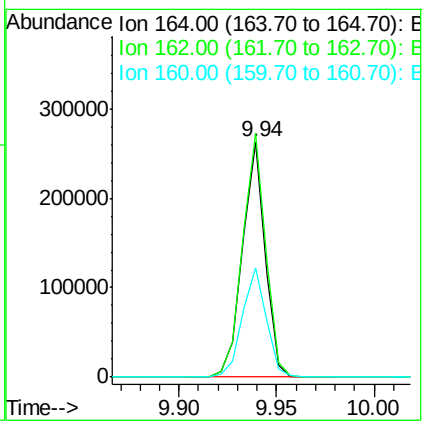


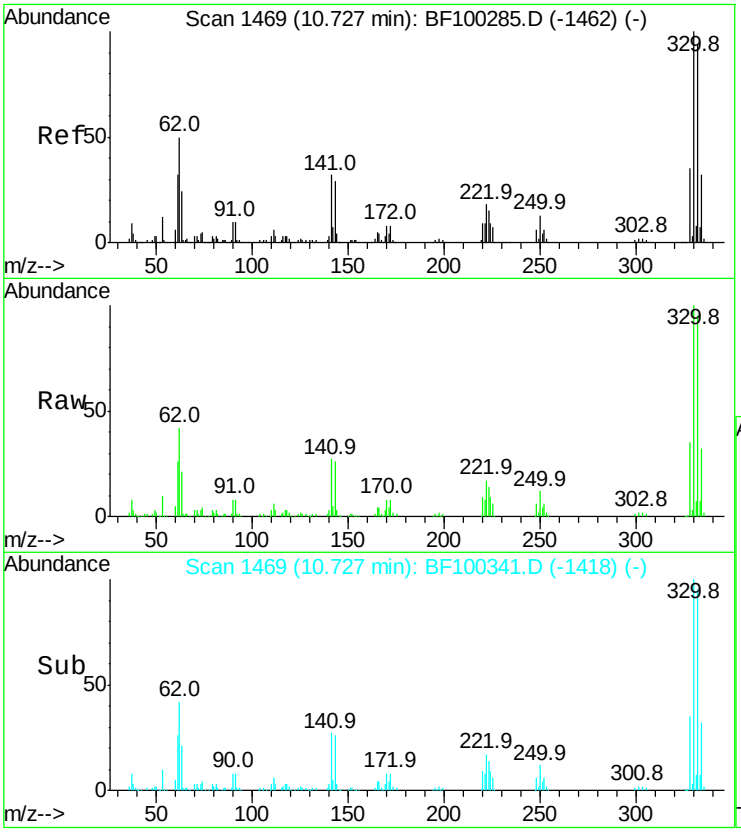


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF100341.D
Acq: 9 Nov 2017 14:50

Tgt Ion:164 Resp: 211464

Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	46.3	38.3	57.5



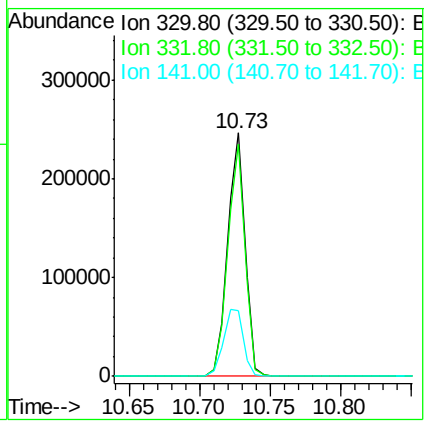


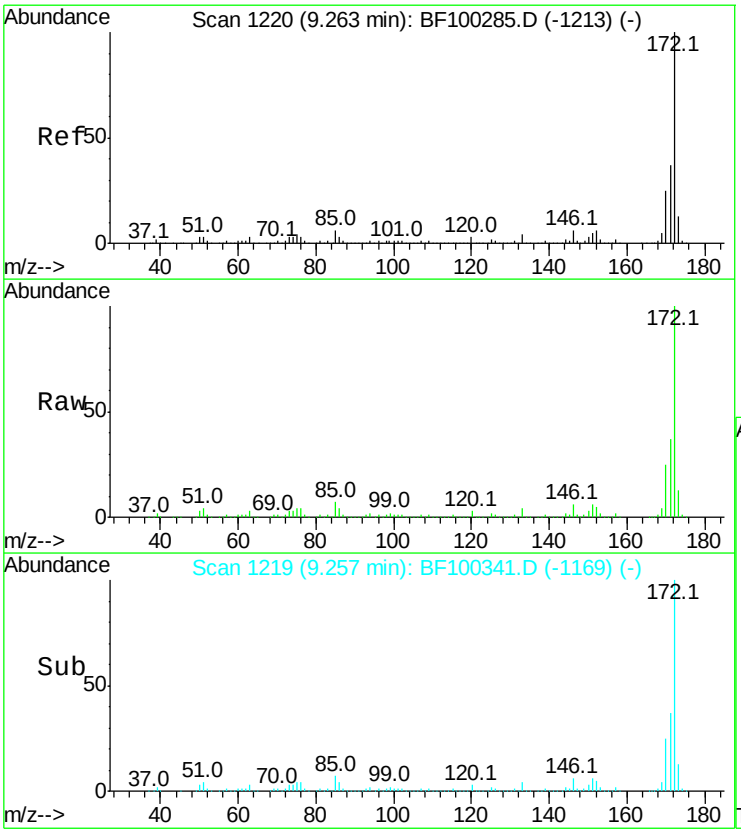
#41
2,4,6-Tribromophenol
Concen: 98.481 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF100341.D
Acq: 9 Nov 2017 14:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 212209

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	31.1	29.9	44.9

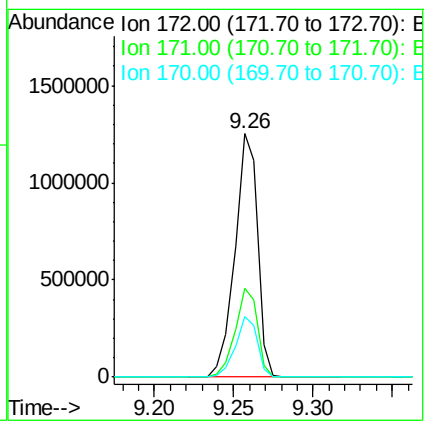


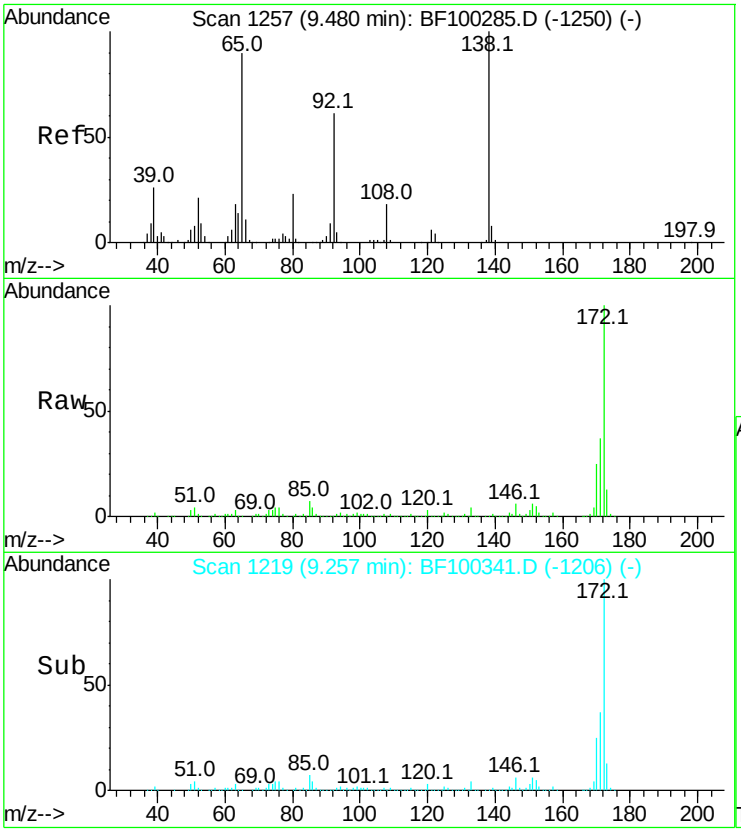


#44
2-Fluorobiphenyl
Concen: 89.027 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100341.D
Acq: 9 Nov 2017 14:50

Tgt Ion:172 Resp: 1236341

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.7	19.6	29.4



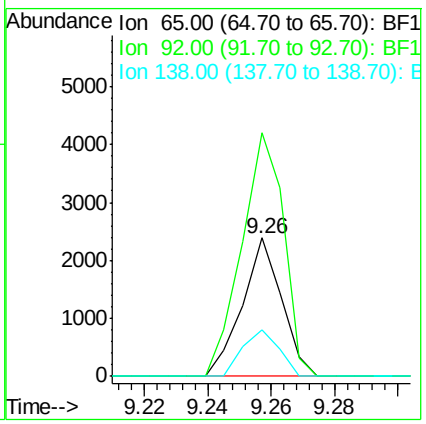


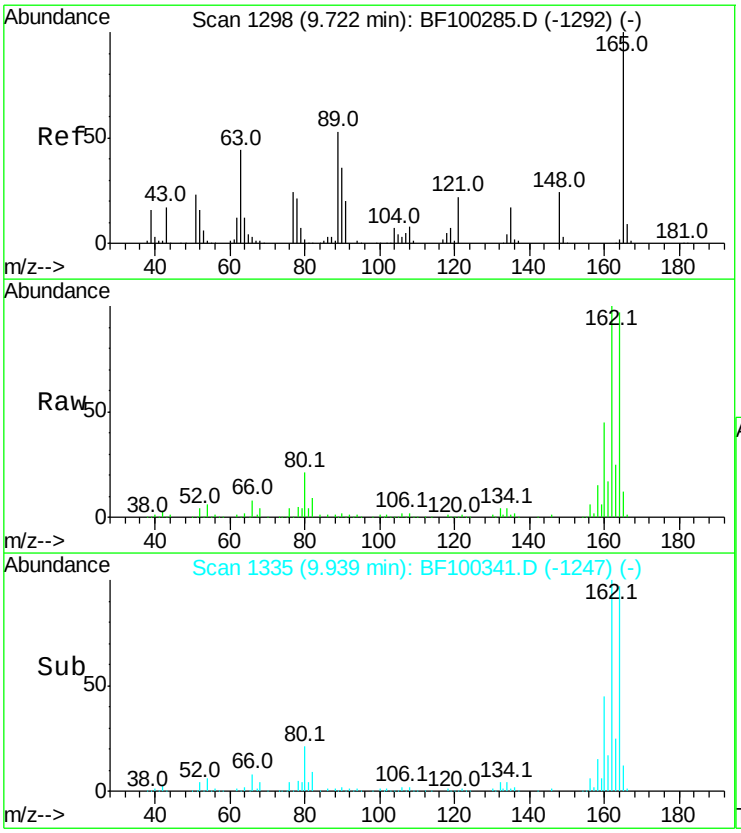
#47
2-Nitroaniline
Concen: 3.279 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.22 min
Lab File: BF100341.D
Acq: 9 Nov 2017 14:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 2060

Ion	Ratio	Lower	Upper
65	100		
92	175.8	55.8	83.6#
138	33.7	91.2	136.8#

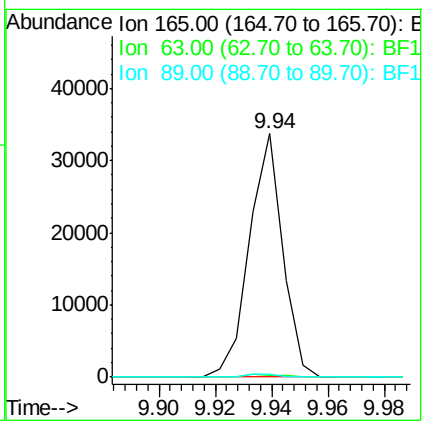


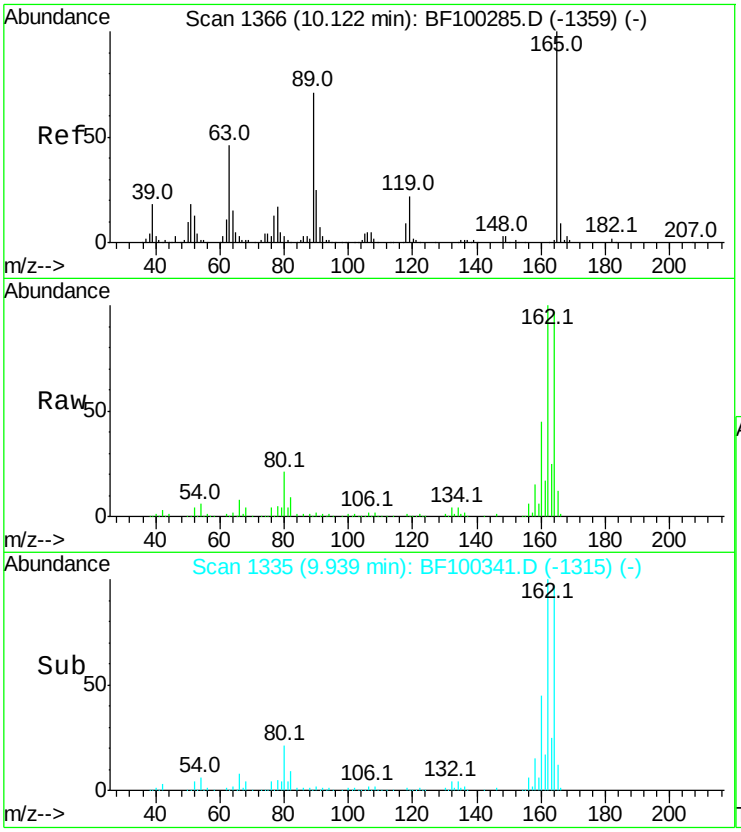


#50
2,6-Dinitrotoluene
Concen: 8.643 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100341.D
Acq: 9 Nov 2017 14:50

Tgt Ion:165 Resp: 27622

Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.7	67.1#
89	1.1	44.0	66.0#



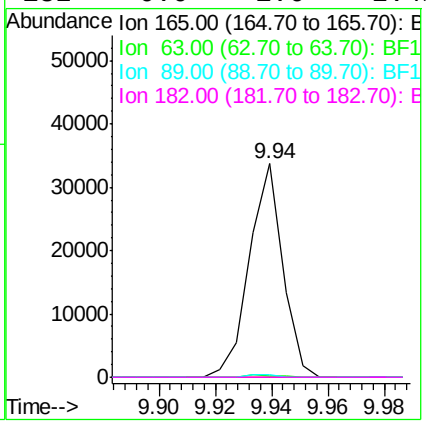


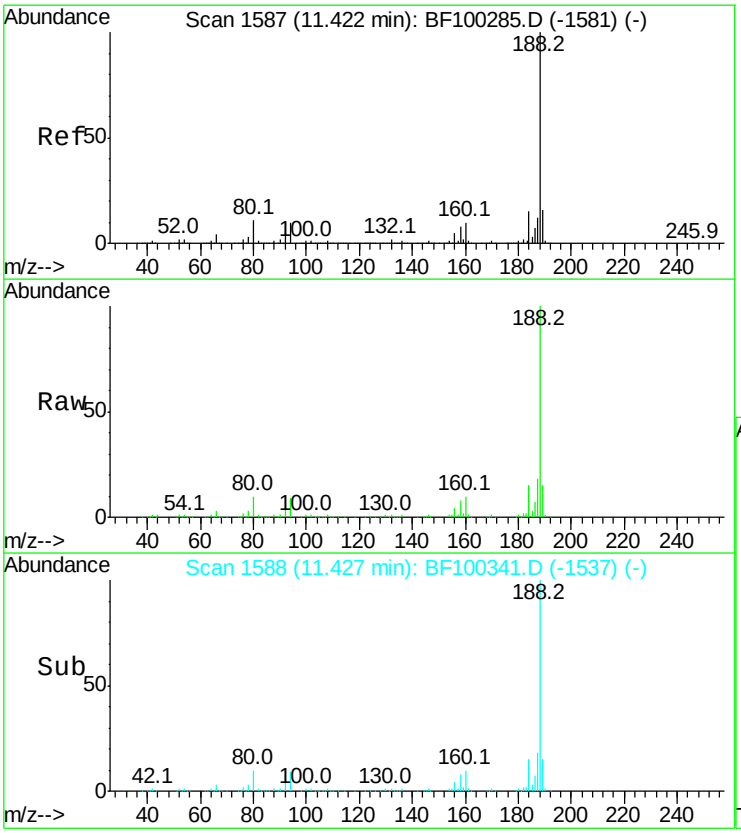
#56
2,4-Dinitrotoluene
Concen: 6.851 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.18 min
Lab File: BF100341.D
Acq: 9 Nov 2017 14:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 27622

Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

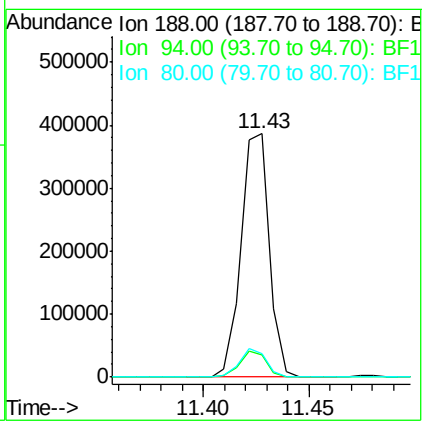


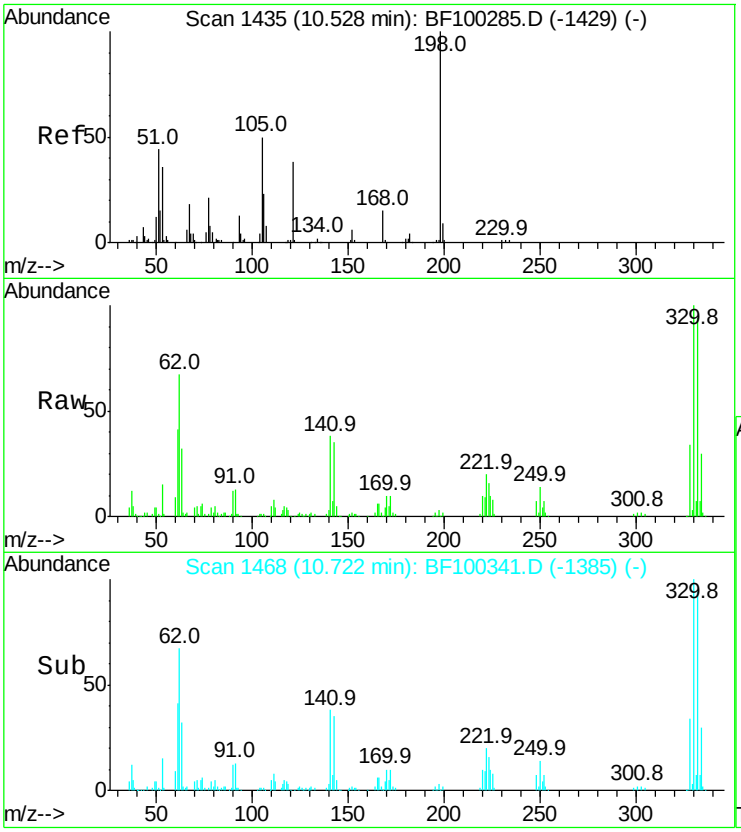


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF100341.D
Acq: 9 Nov 2017 14:50

Tgt Ion:188 Resp: 357451

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.5	9.2	13.8



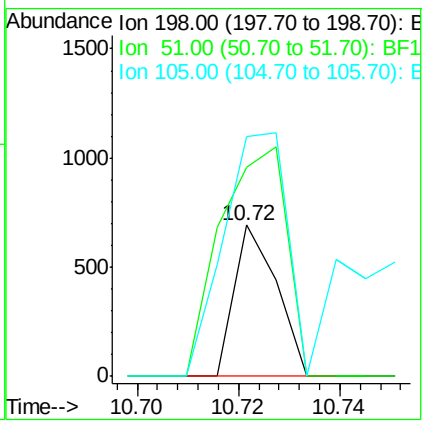


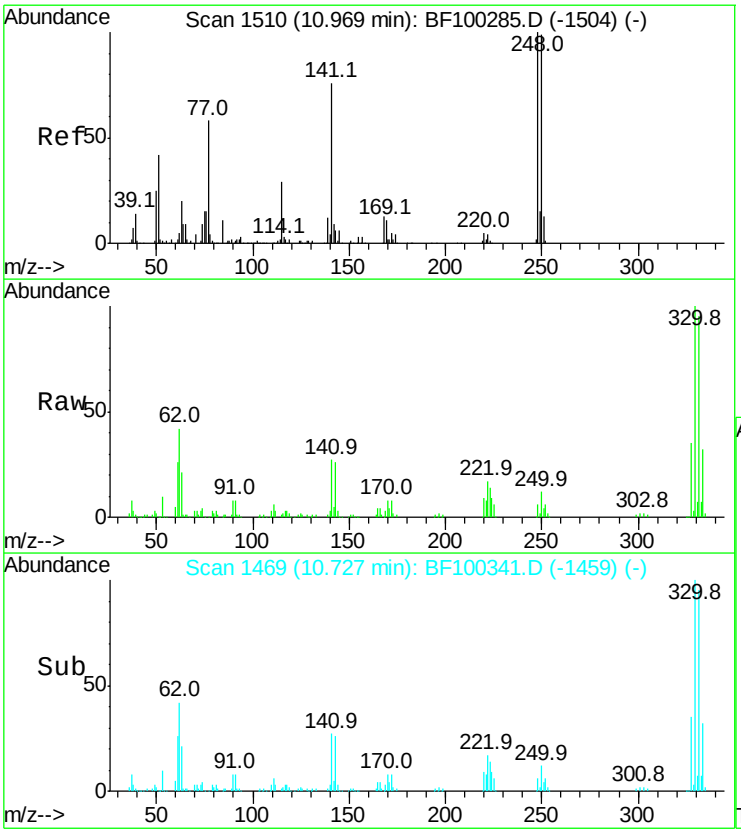
#64
4,6-Dinitro-2-methylphenol
Concen: 8.752 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF100341.D
Acq: 9 Nov 2017 14:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 400

Ion	Ratio	Lower	Upper
198	100		
51	138.3	37.7	77.7#
105	158.4	36.3	76.3#

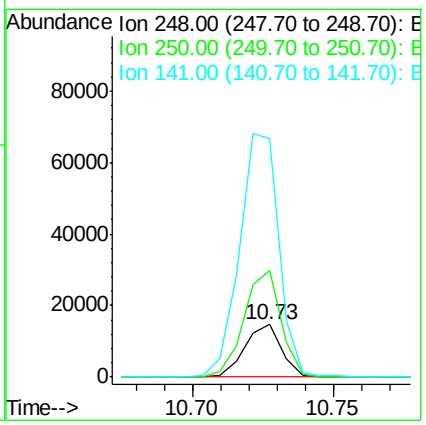


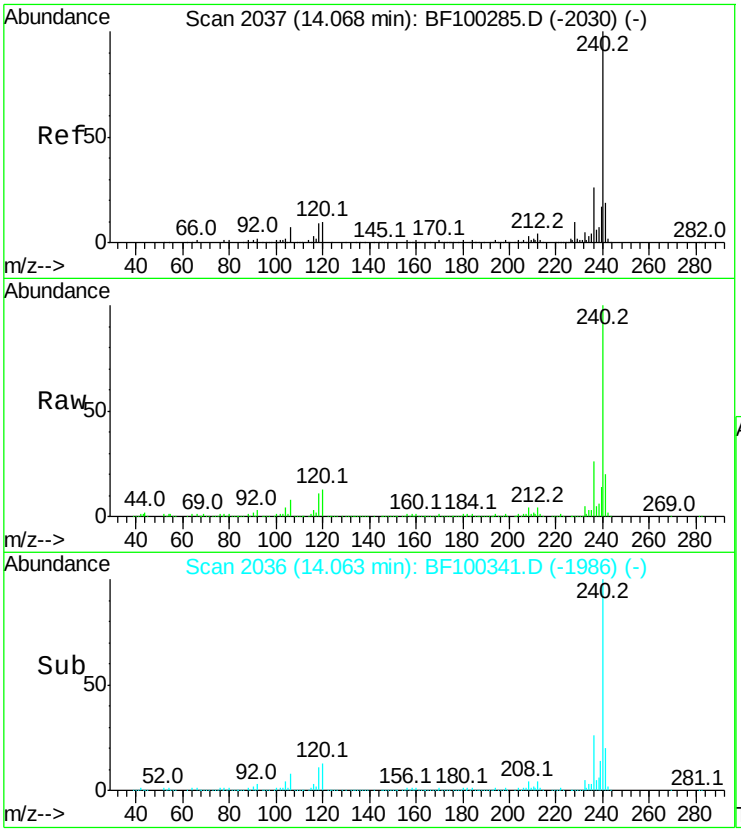


#66
4-Bromophenyl-phenylether
Concen: 3.454 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100341.D
Acq: 9 Nov 2017 14:50

Tgt Ion:248 Resp: 13235

Ion	Ratio	Lower	Upper
248	100		
250	203.2	76.9	115.3#
141	454.0	74.4	111.6#



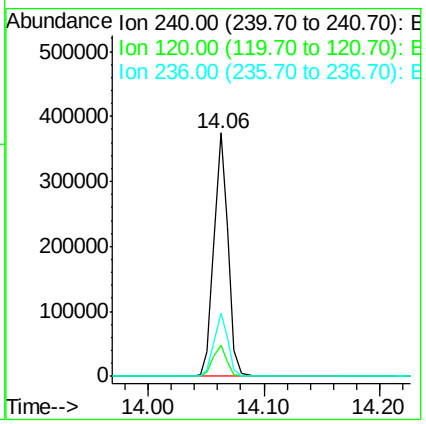


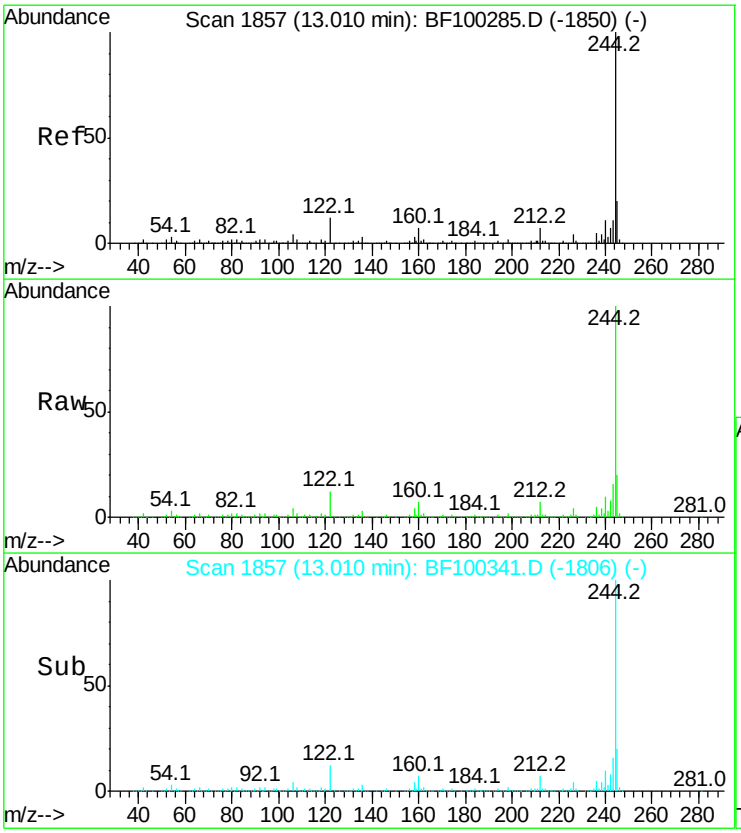
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100341.D
Acq: 9 Nov 2017 14:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 316244

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	26.0	20.7	31.1

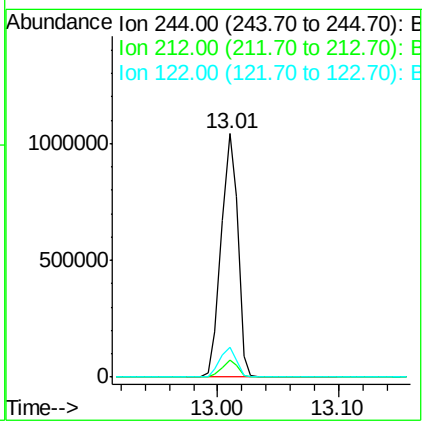


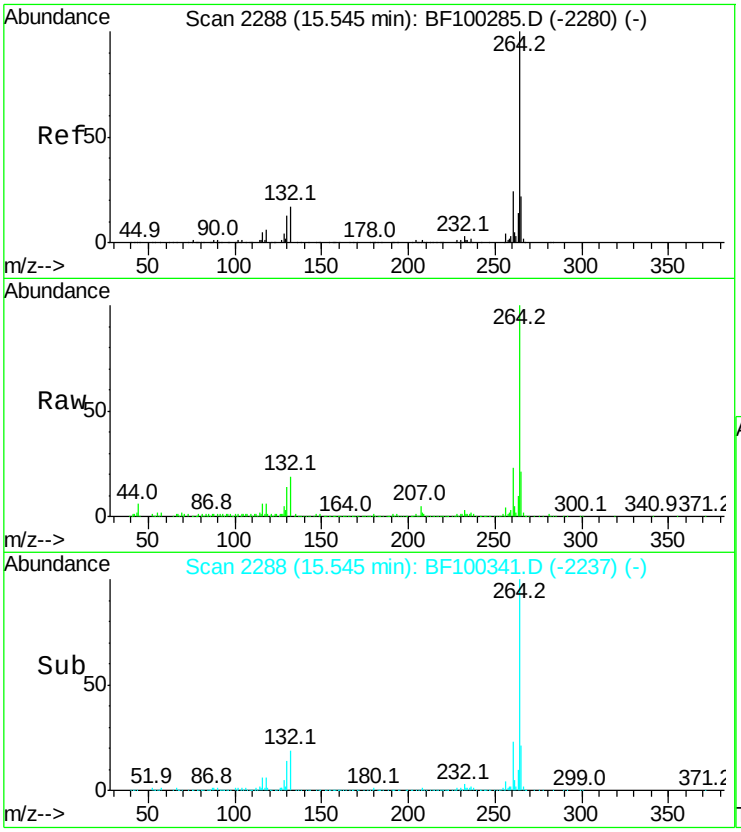


#78
Terphenyl-d14
Concen: 71.920 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BF100341.D
Acq: 9 Nov 2017 14:50

Tgt Ion:244 Resp: 989870

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.0	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: BF100341.D
Acq: 9 Nov 2017 14:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 221981

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.1	17.5	26.3