Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100926.D
Acq On : 28 Nov 2017 11:48
Operator : SJ/JU
Sample : PB104515BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 28 15:23:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	63001	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	250266	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	123661	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	255228	20.00	ng		0.00
75) Chrysene-d12	14.02	240	215203	20.00	ng		0.00
86) Perylene-d12	15.49	264	154098	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	428334	108.98	ng		0.00
7) Phenol-d6	6.49	99	529406	109.24	ng		0.00
23) Nitrobenzene-d5	7.42	82	328408	86.76	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	169112	134.20	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	712585	87.74	ng		0.00
78) Terphenyl-d14	12.97	244	793600	84.73	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	42861	12.752	ng	#	80
25) Isophorone	7.42	82	328279	41.268	ng	#	64
47) 2-Nitroaniline	9.35	65	634	3.044	ng	#	2
50) 2,6-Dinitrotoluene	9.89	165	15919	8.518	ng	#	25
56) 2,4-Dinitrotoluene	9.89	165	15919	6.752	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.68	198	252	8.731	ng	#	1
66) 4-Bromophenyl-phenylether	10.69	248	10319	3.772	ng	#	1

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

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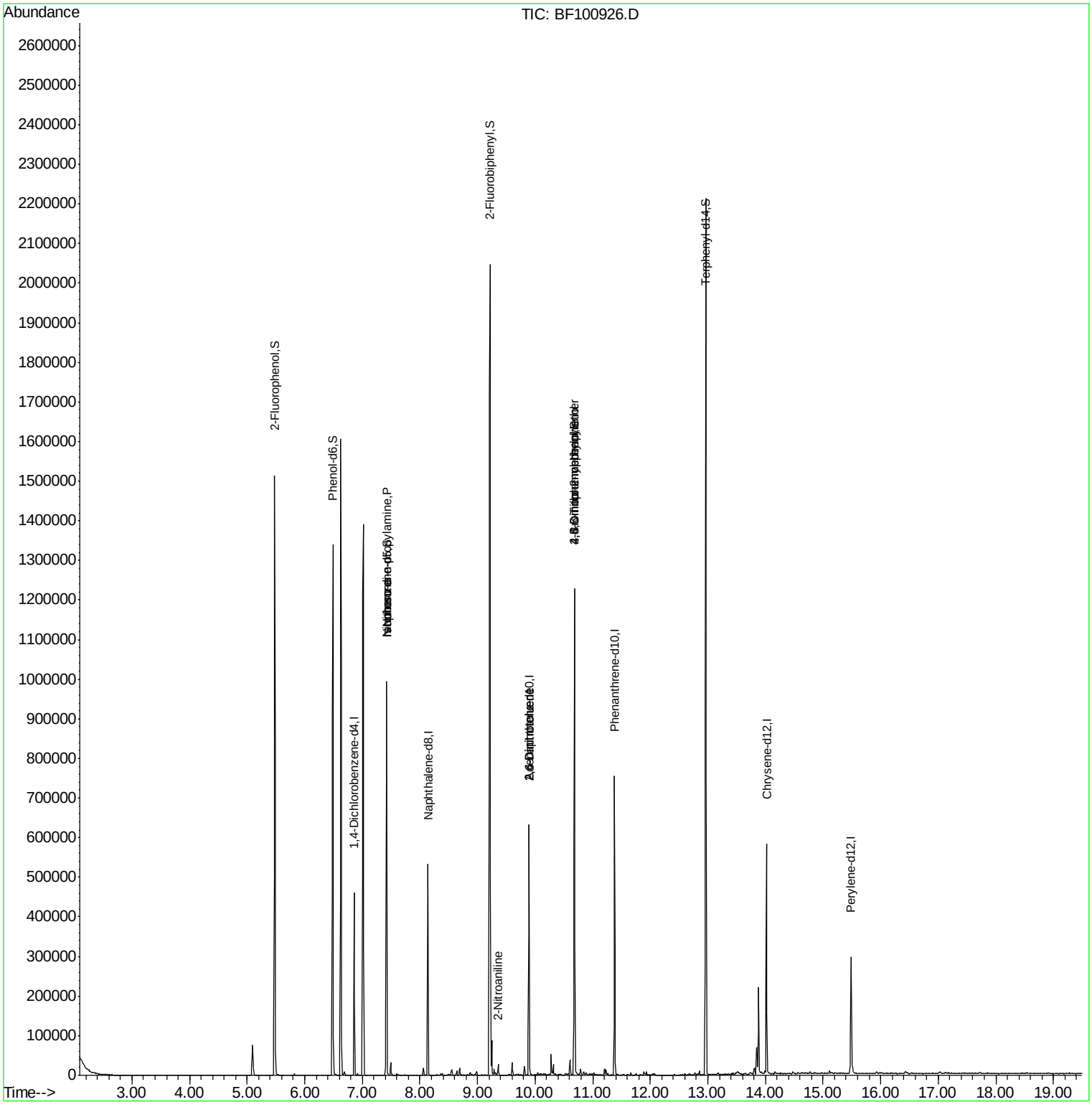
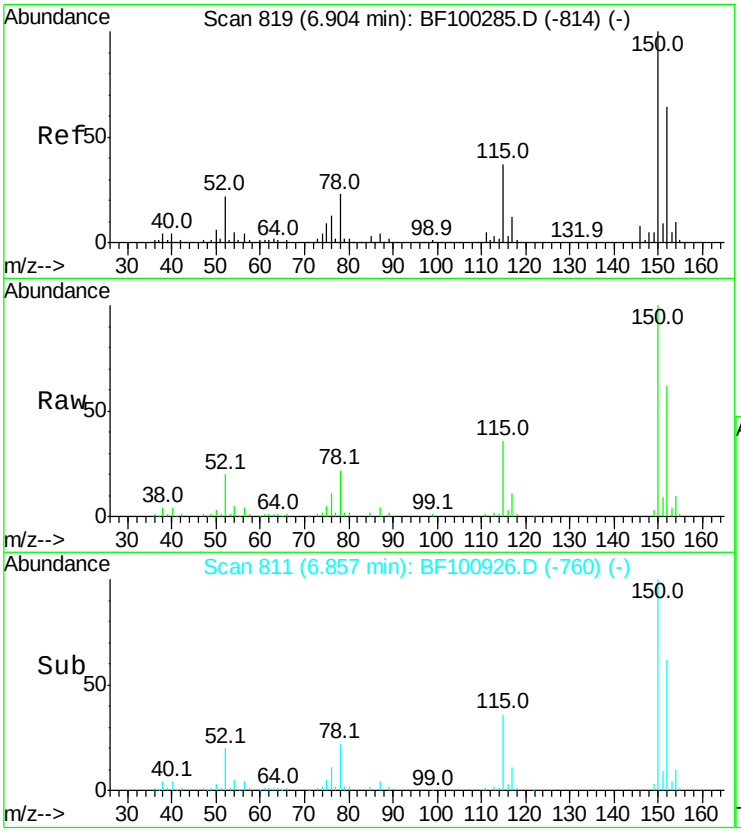


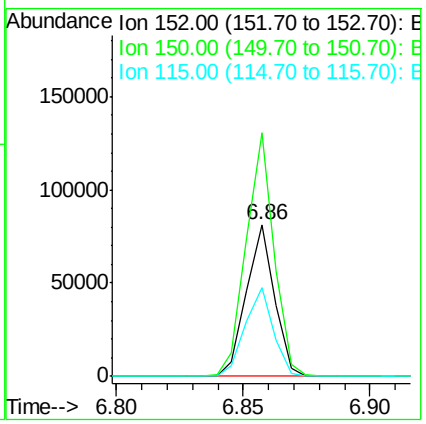


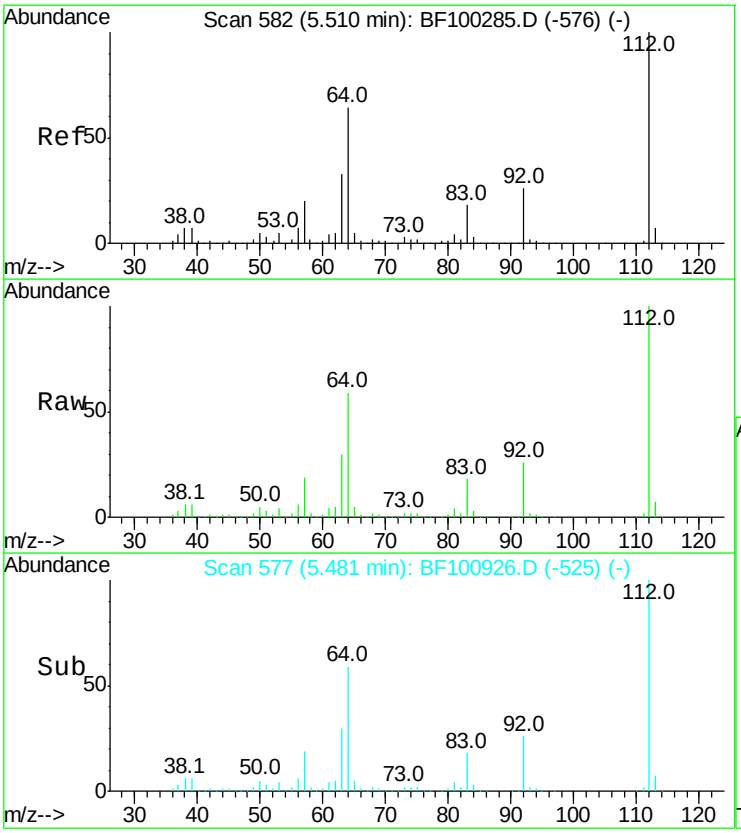
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100926.D
Acq: 28 Nov 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 63001

Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.6	186.8
115	58.3	50.1	75.1

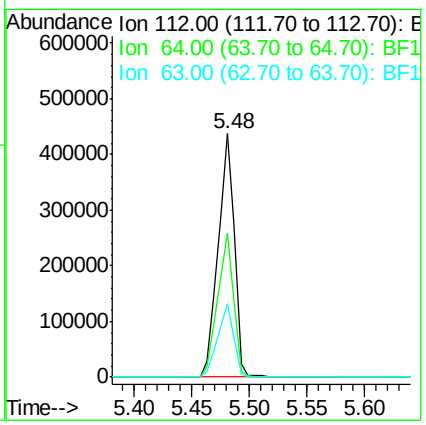


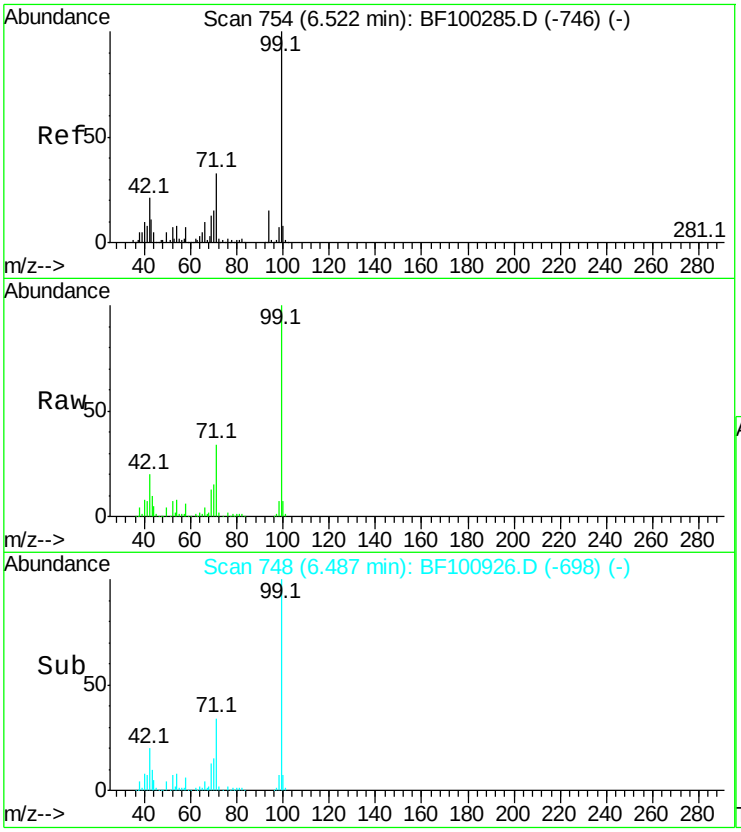


#5
2-Fluorophenol
Concen: 108.985 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF100926.D
Acq: 28 Nov 2017 11:48

Tgt Ion:112 Resp: 428334

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.9	71.9
63	30.2	23.7	35.5



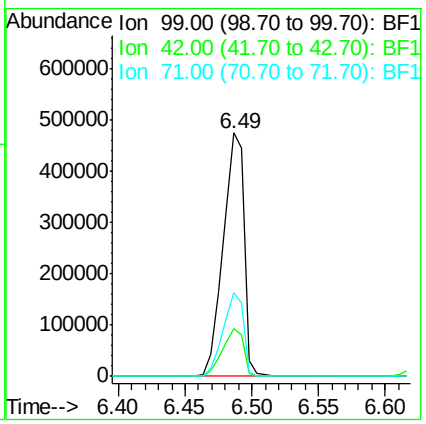


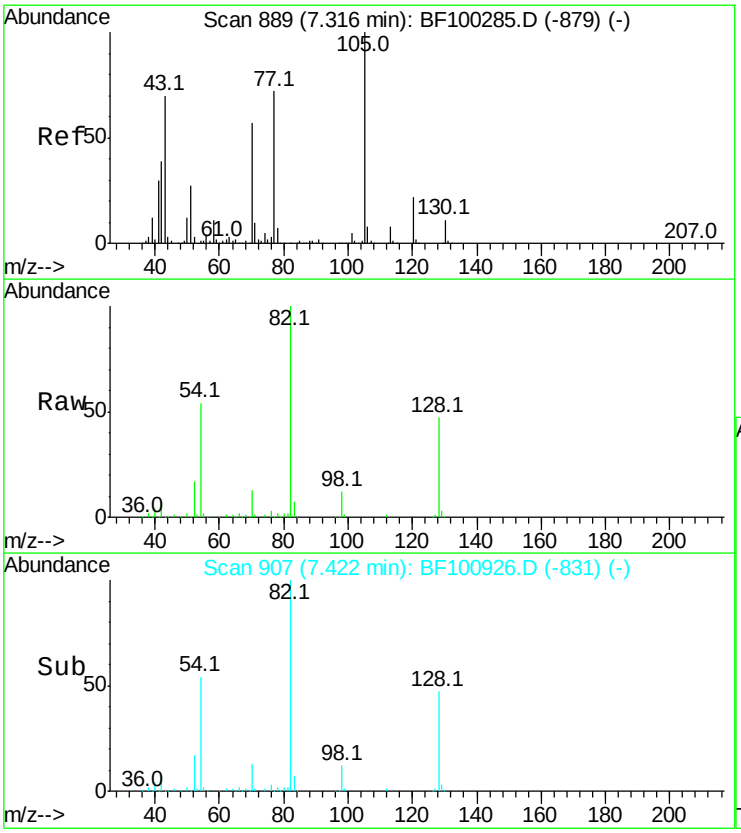
#7
Phenol-d6
Concen: 109.235 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF100926.D
Acq: 28 Nov 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 529406

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	34.3	25.4	38.0

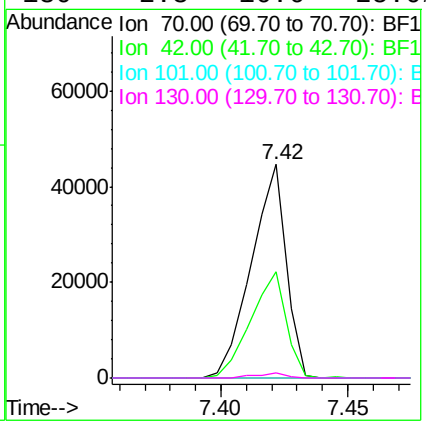


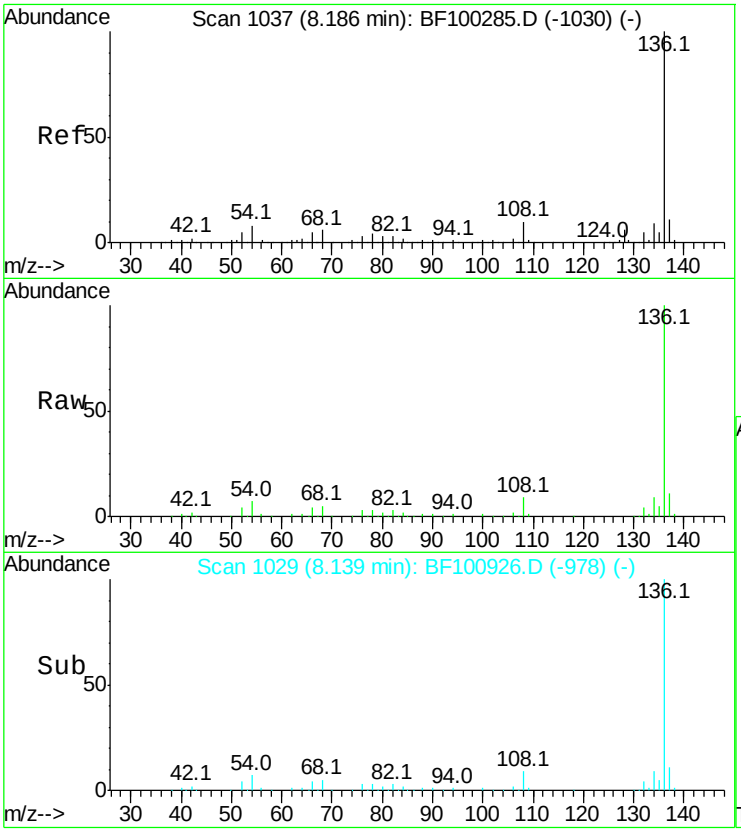


#19
n-Nitroso-di-n-propylamine
Concen: 12.752 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF100926.D
Acq: 28 Nov 2017 11:48

Tgt Ion: 70 Resp: 42861

Ion	Ratio	Lower	Upper
70	100		
42	49.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



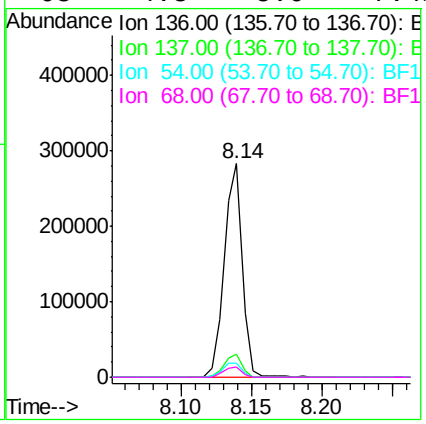


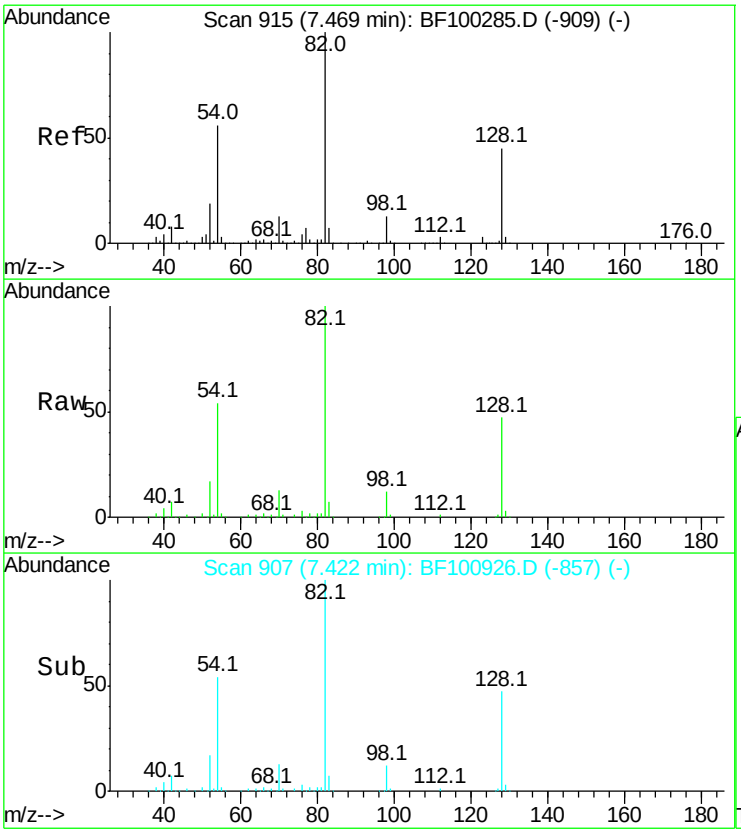
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF100926.D
Acq: 28 Nov 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 250266

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.6	6.6	9.8
68	4.8	5.0	7.4#

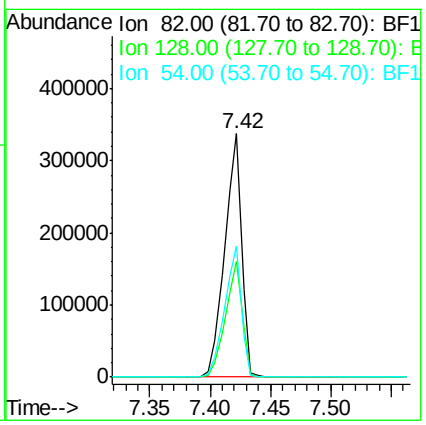


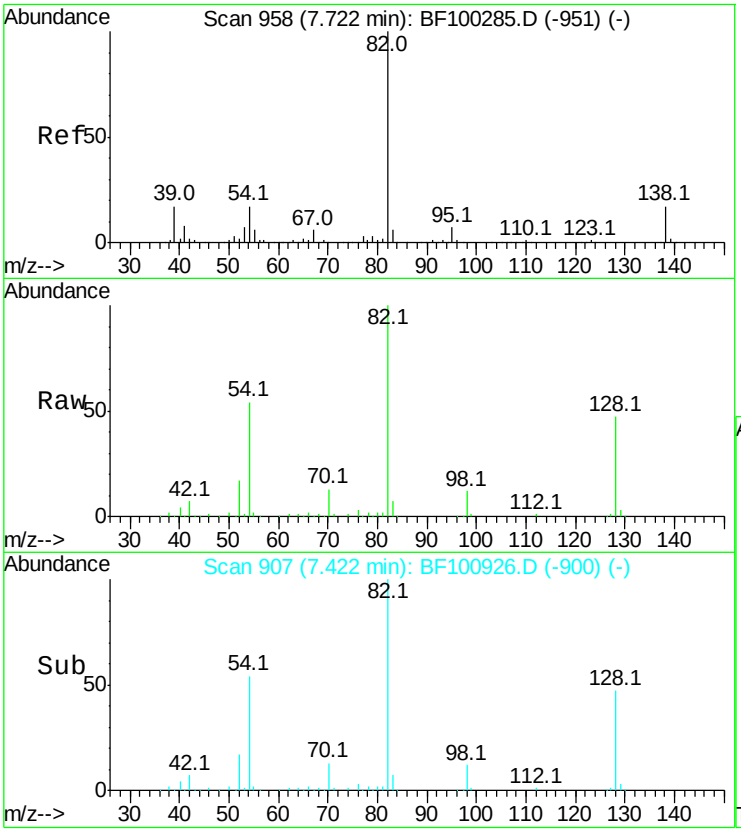


#23
Nitrobenzene-d5
Concen: 86.756 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100926.D
Acq: 28 Nov 2017 11:48

Tgt Ion: 82 Resp: 328408

Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.1	54.1
54	54.0	41.4	62.2



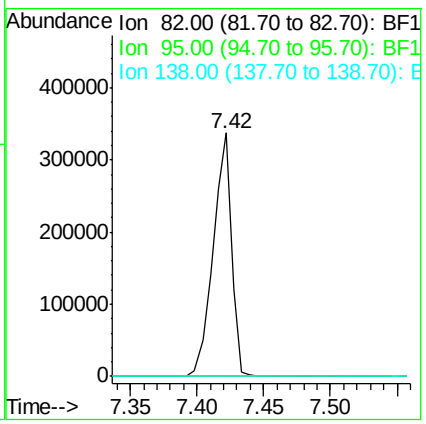


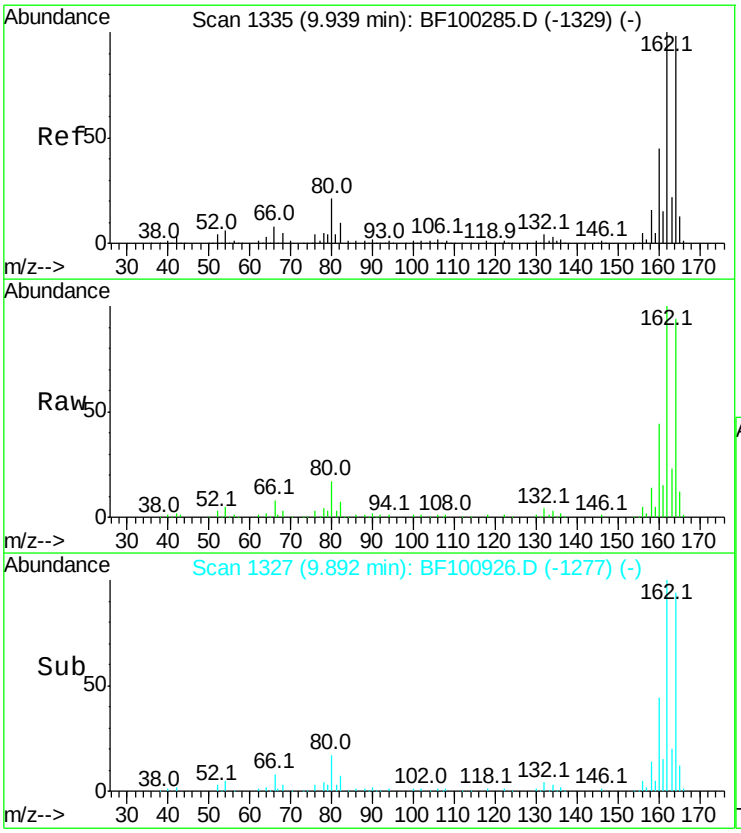
#25
Isophorone
Concen: 41.268 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF100926.D
Acq: 28 Nov 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 328279

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

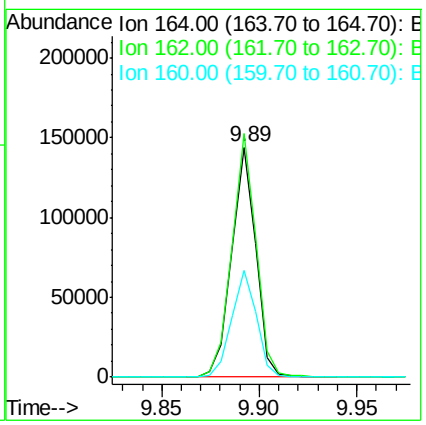


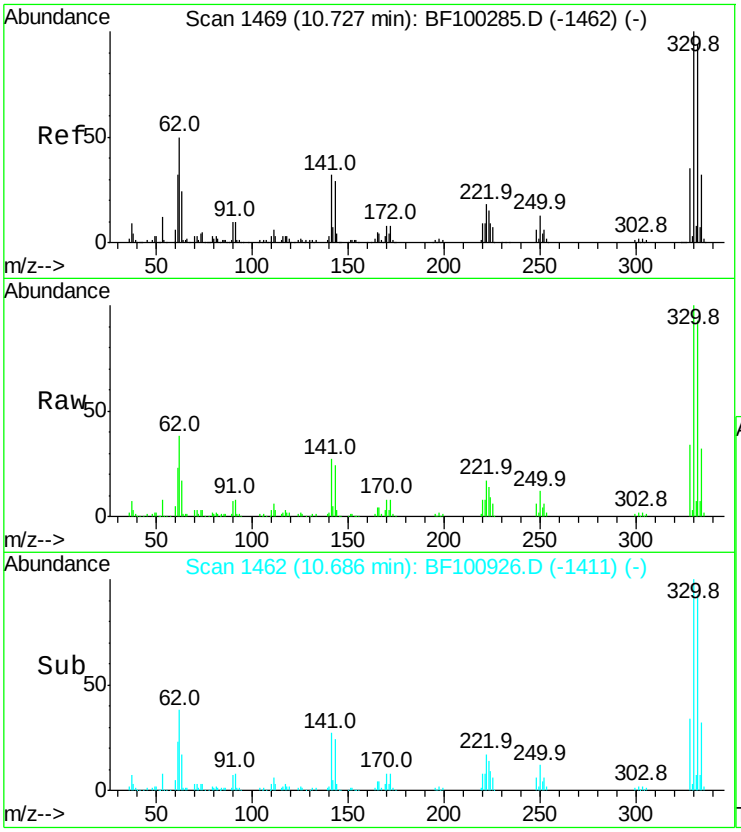


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100926.D
Acq: 28 Nov 2017 11:48

Tgt Ion:164 Resp: 123661

Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.1	129.1
160	46.3	38.3	57.5



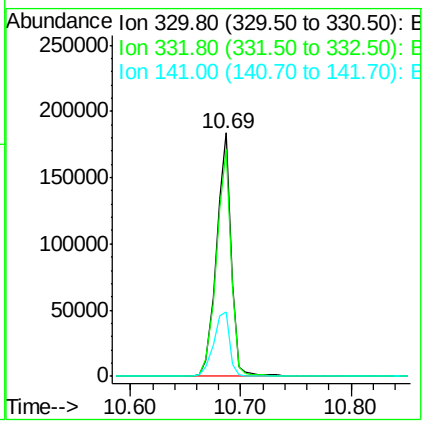


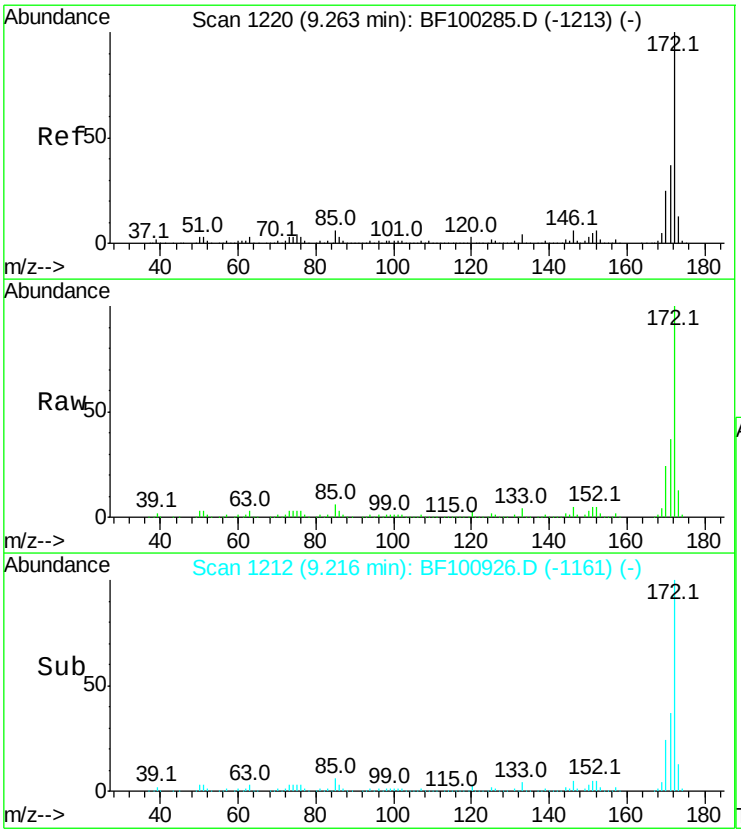
#41
2,4,6-Tribromophenol
Concen: 134.205 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BF100926.D
Acq: 28 Nov 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 169112

Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	28.9	29.9	44.9#

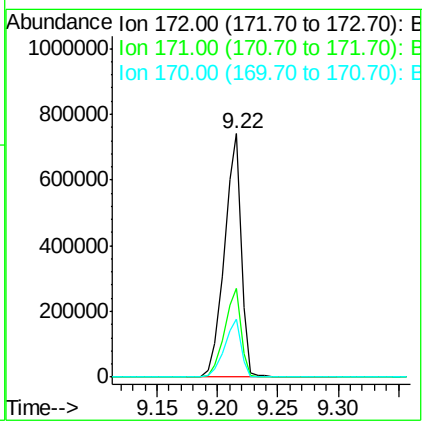


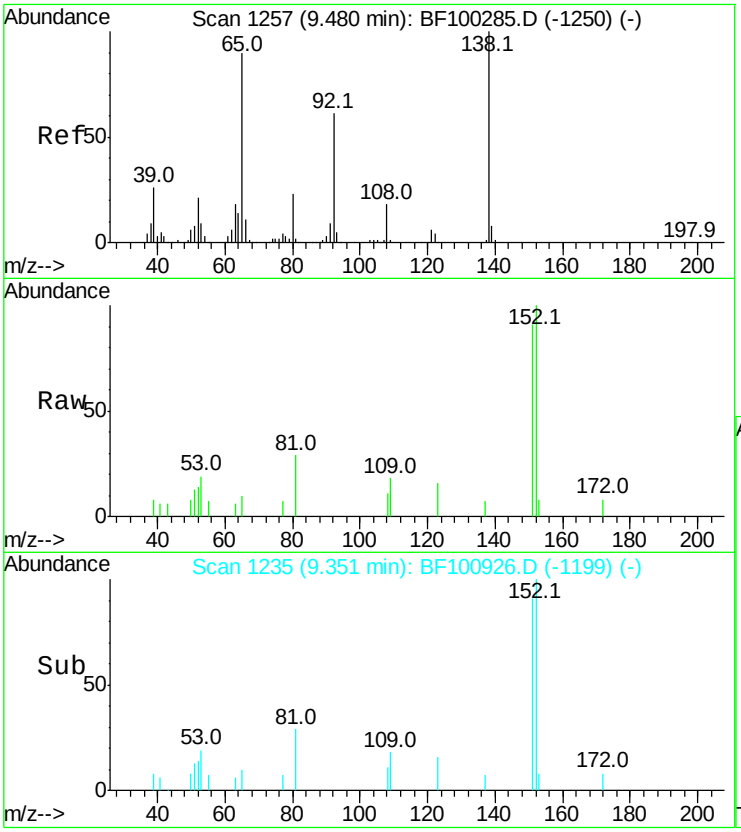


#44
2-Fluorobiphenyl
Concen: 87.745 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF100926.D
Acq: 28 Nov 2017 11:48

Tgt Ion:172 Resp: 712585

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.0	19.6	29.4



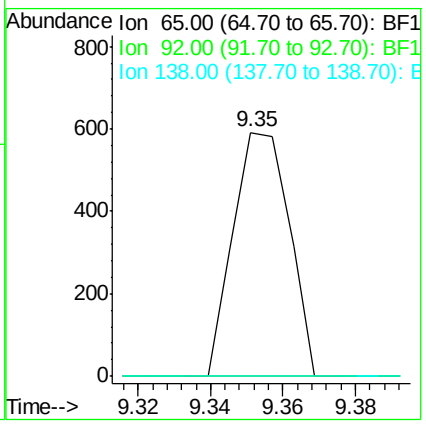


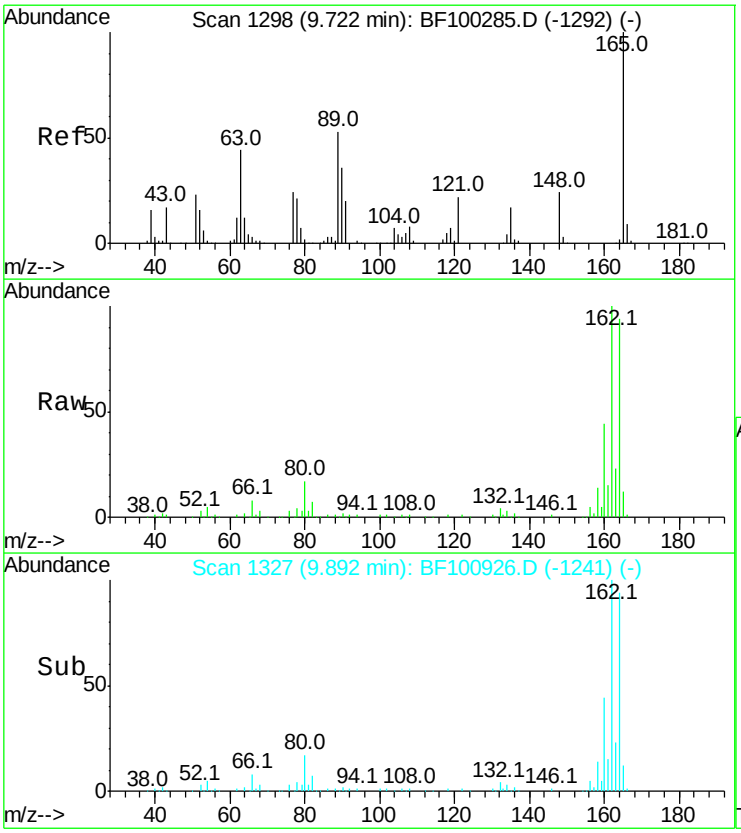
#47
2-Nitroaniline
Concen: 3.044 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.09 min
Lab File: BF100926.D
Acq: 28 Nov 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 634

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

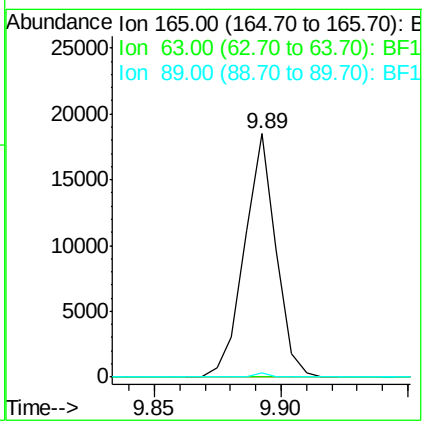


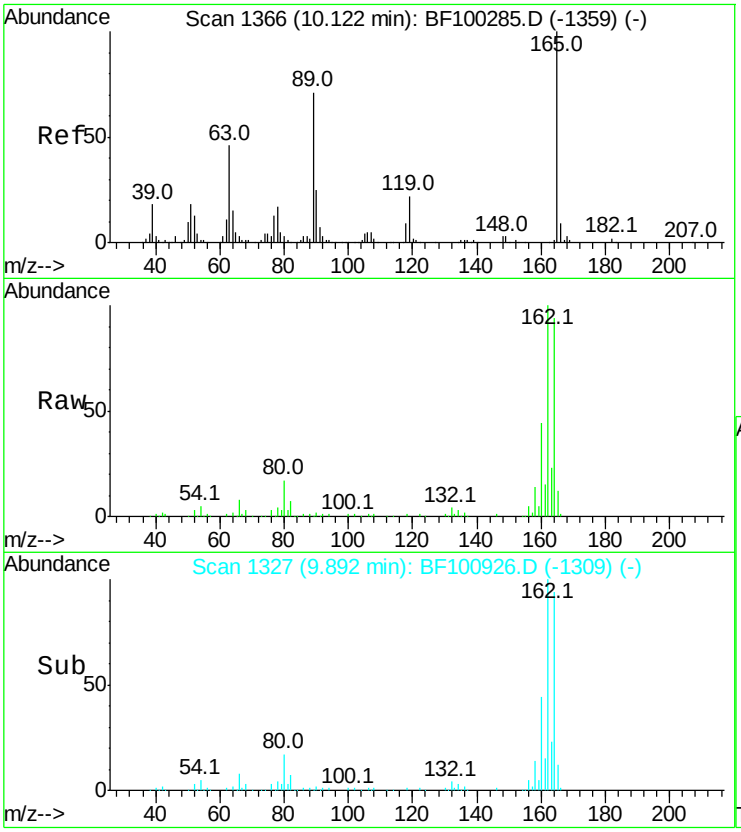


#50
2,6-Dinitrotoluene
Concen: 8.518 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF100926.D
Acq: 28 Nov 2017 11:48

Tgt Ion:165 Resp: 15919

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.7	44.0	66.0#



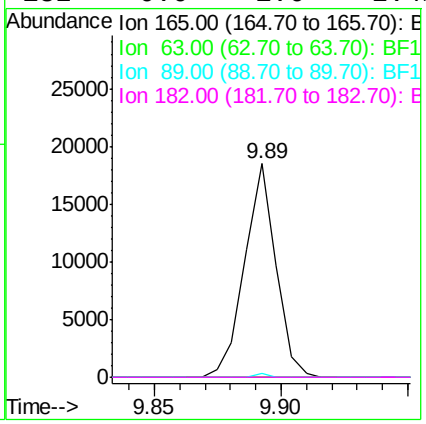


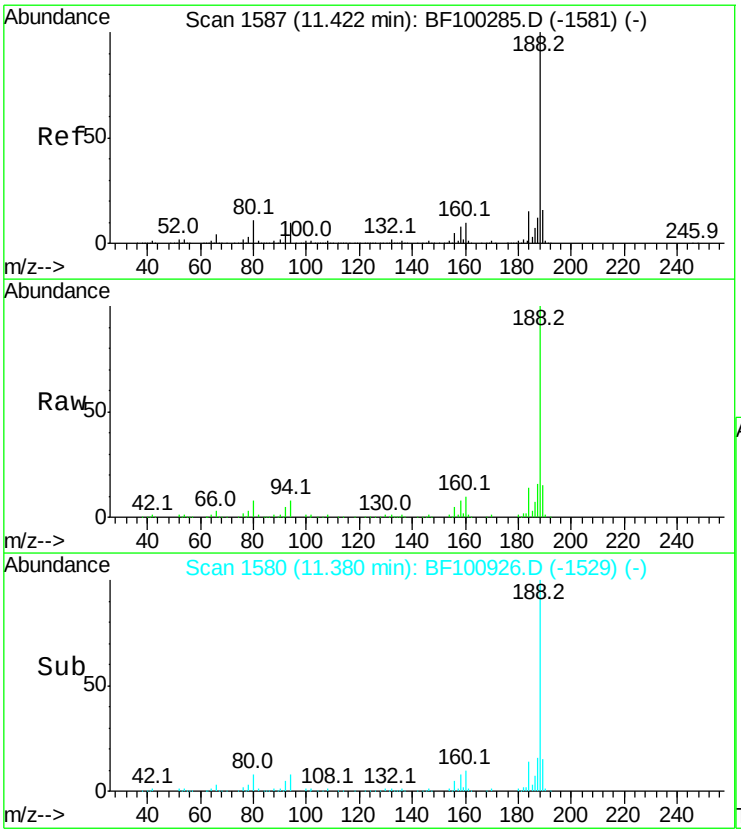
#56
2,4-Dinitrotoluene
Concen: 6.752 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF100926.D
Acq: 28 Nov 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15919

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

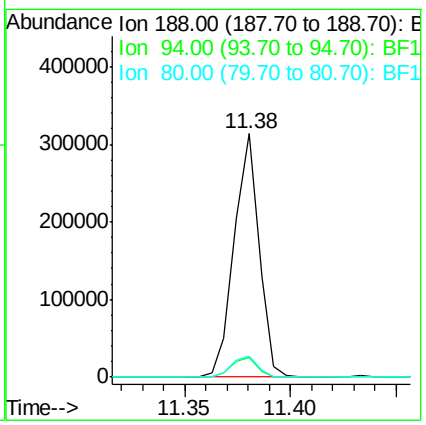


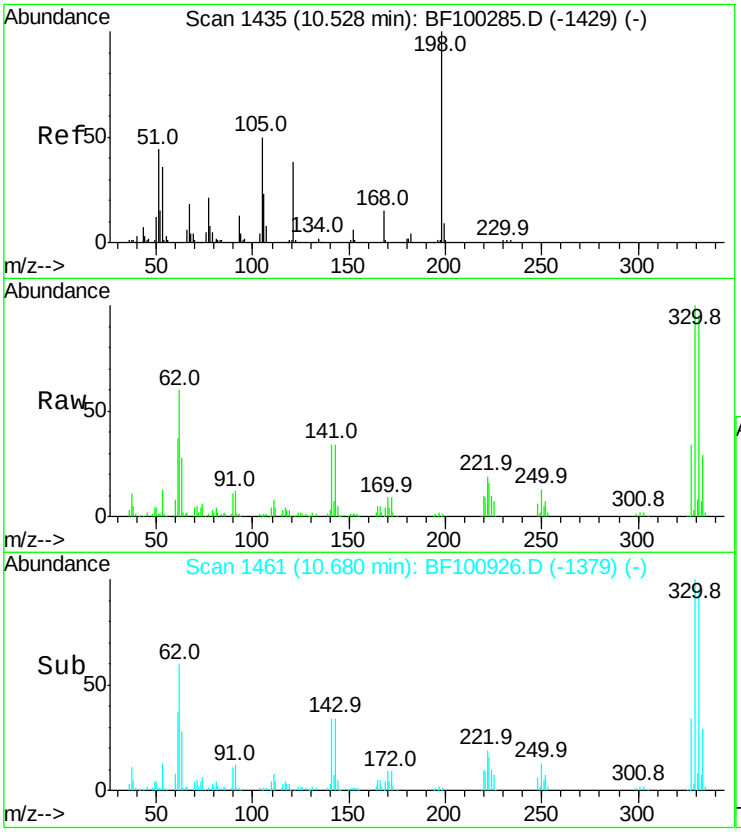


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100926.D
Acq: 28 Nov 2017 11:48

Tgt Ion:188 Resp: 255228

Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.4	9.2	13.8#



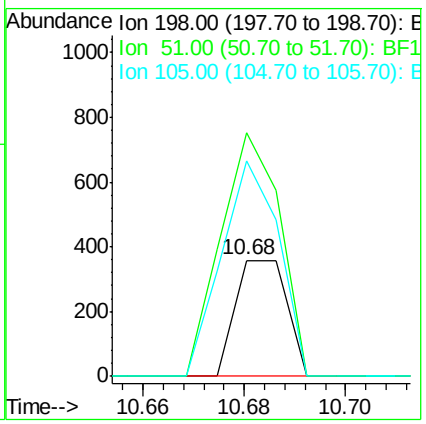


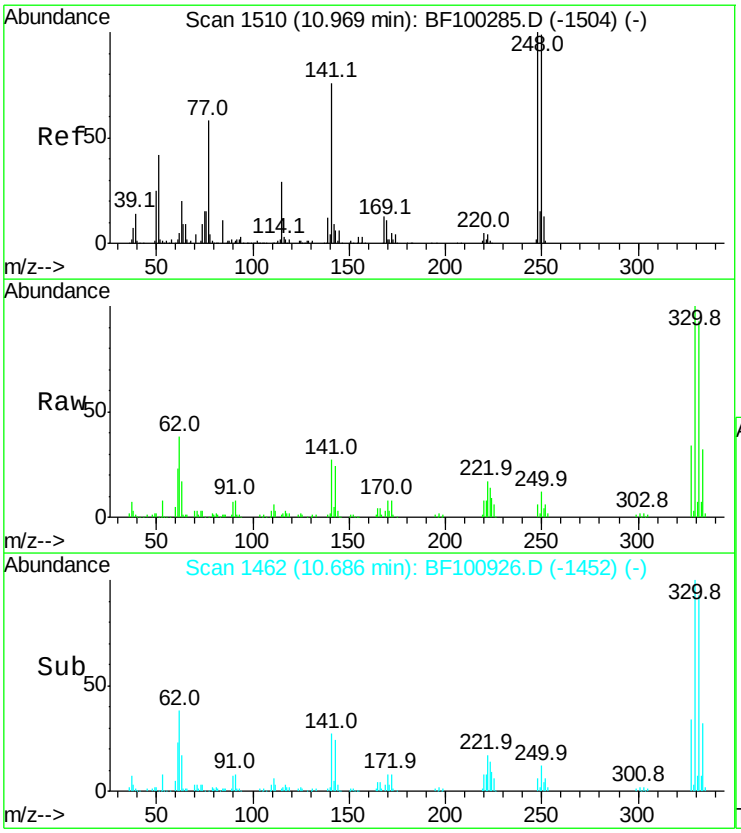
#64
4,6-Dinitro-2-methylphenol
Concen: 8.731 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.18 min
Lab File: BF100926.D
Acq: 28 Nov 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 252

Ion	Ratio	Lower	Upper
198	100		
51	210.6	37.7	77.7#
105	186.0	36.3	76.3#

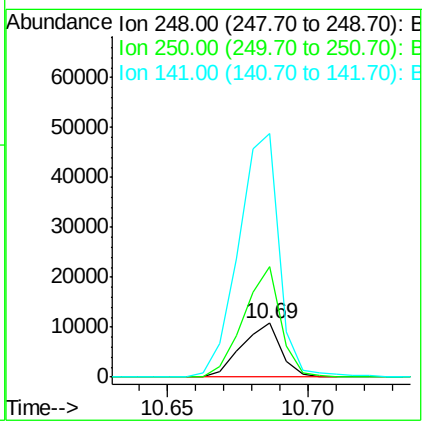


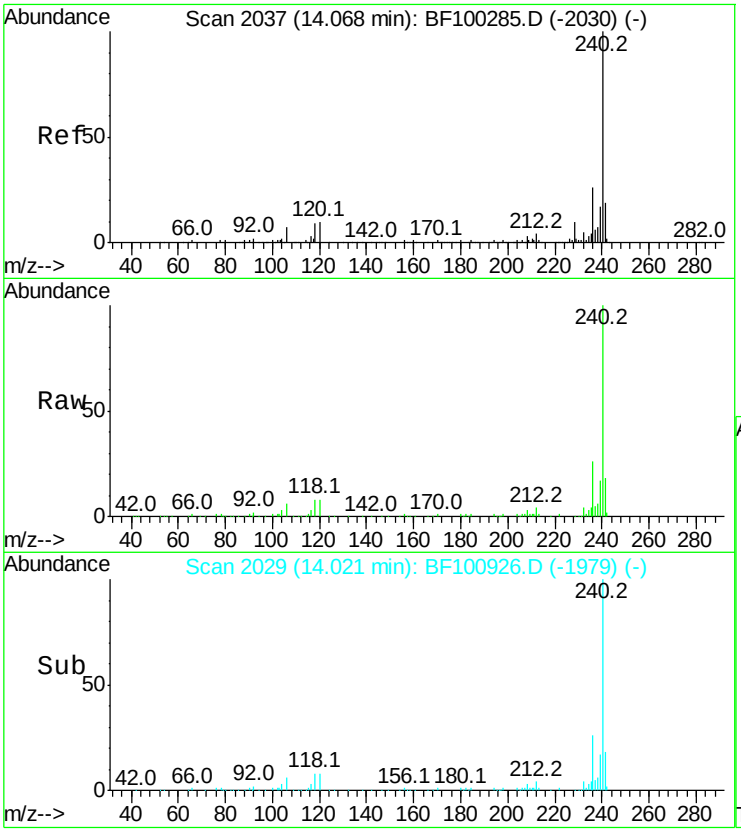


#66
4-Bromophenyl-phenylether
Concen: 3.772 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF100926.D
Acq: 28 Nov 2017 11:48

Tgt Ion:248 Resp: 10319

Ion	Ratio	Lower	Upper
248	100		
250	203.5	76.9	115.3#
141	450.0	74.4	111.6#



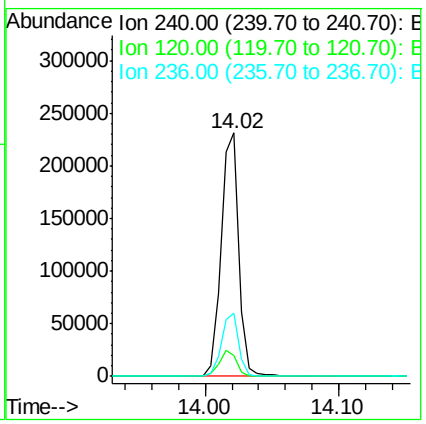


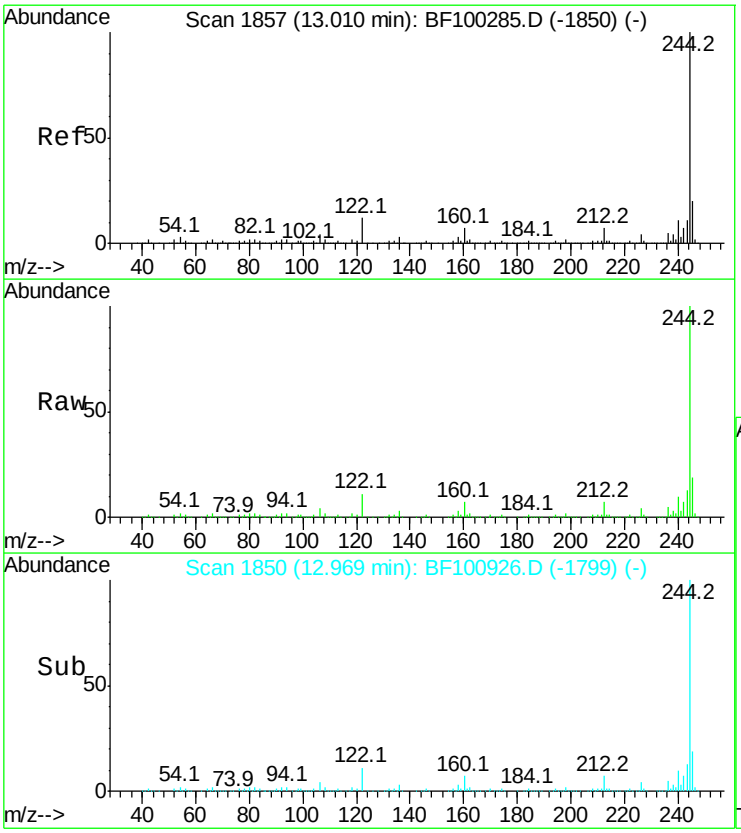
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100926.D
Acq: 28 Nov 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 215203

Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	25.9	20.7	31.1

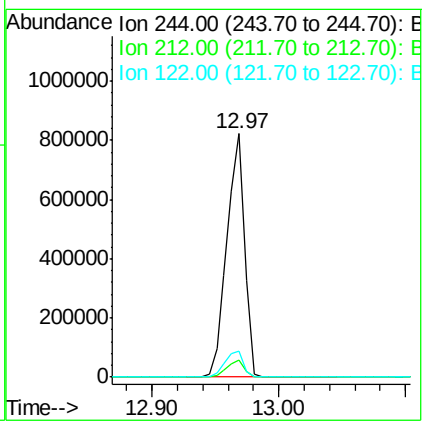


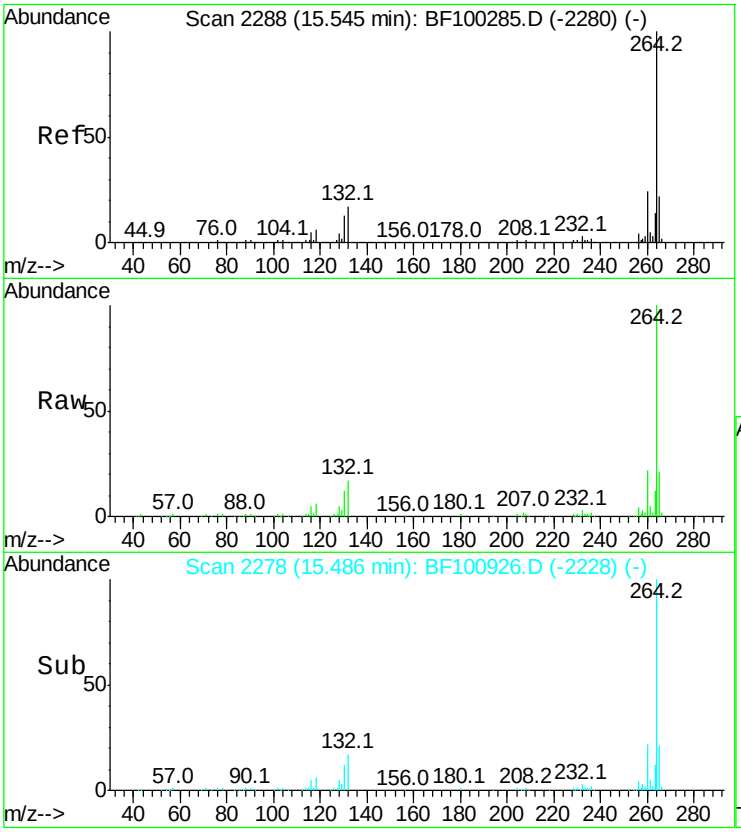


#78
Terphenyl-d14
Concen: 84.732 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BF100926.D
Acq: 28 Nov 2017 11:48

Tgt Ion:244 Resp: 793600

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.6	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF100926.D
Acq: 28 Nov 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 154098

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	21.3	17.5	26.3