Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100524.D
Acq On : 14 Nov 2017 5:00
Operator : SJ/JU
Sample : PB104497TB
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 14 08:41:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 02:37:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	128669	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	511205	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	217787	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	366121	20.00	ng	0.00
75) Chrysene-d12	14.05	240	263545	20.00	ng	-0.02
86) Perylene-d12	15.53	264	216549	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	852789	106.24	ng	0.00
7) Phenol-d6	6.52	99	1033096	104.37	ng	0.00
23) Nitrobenzene-d5	7.45	82	647741	83.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	216828	97.70	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1212636	84.78	ng	-0.02
78) Terphenyl-d14	13.00	244	884992	77.16	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	84139	12.26	ng	# 83
25) Isophorone	7.45	82	647508	39.85	ng	# 64
47) 2-Nitroaniline	9.25	65	1694	3.18	ng	# 1
50) 2,6-Dinitrotoluene	9.93	165	28197	8.57	ng	# 25
56) 2,4-Dinitrotoluene	9.93	165	28197	6.79	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	397	8.75	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	13220	3.37	ng	# 1

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

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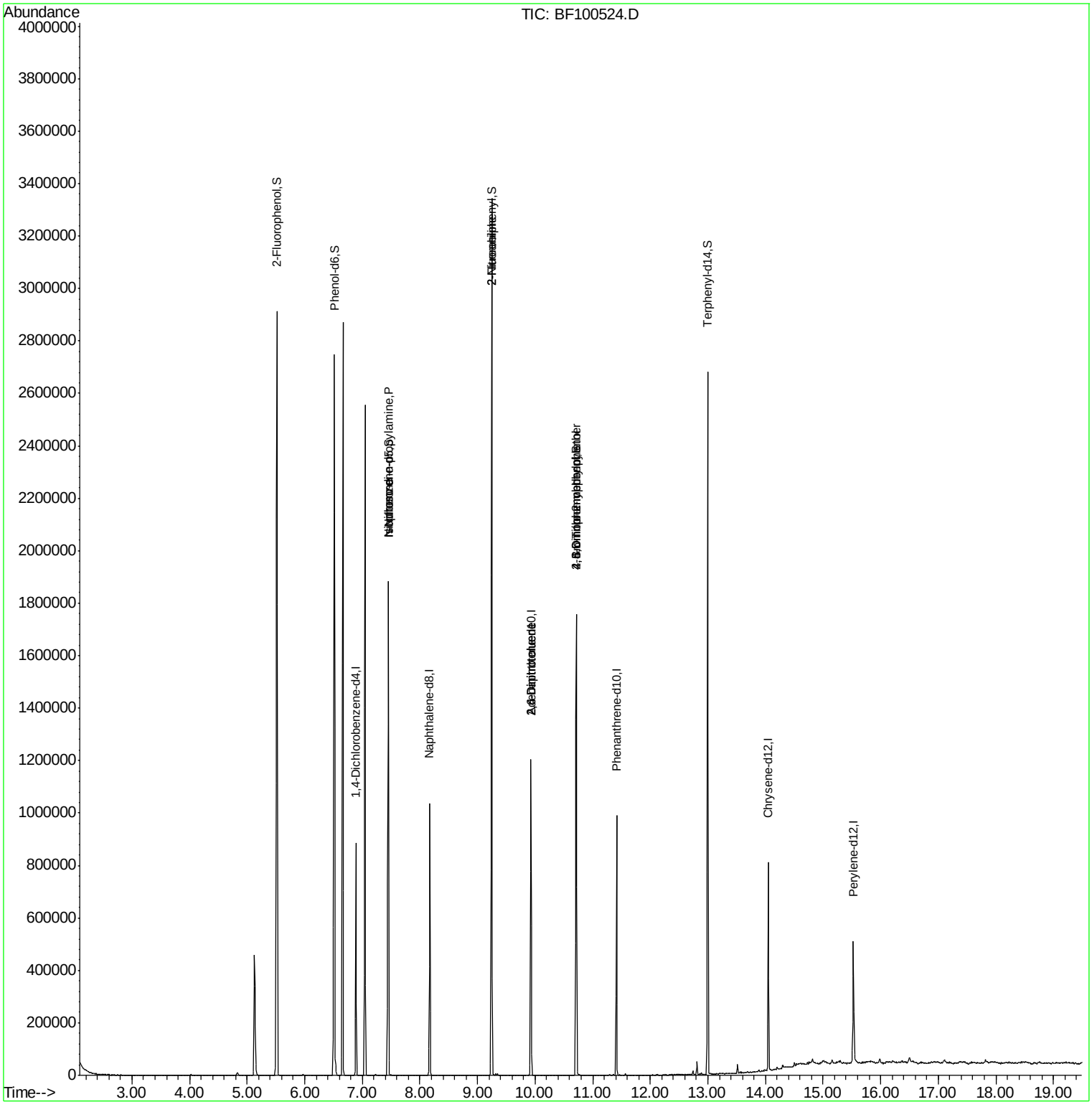
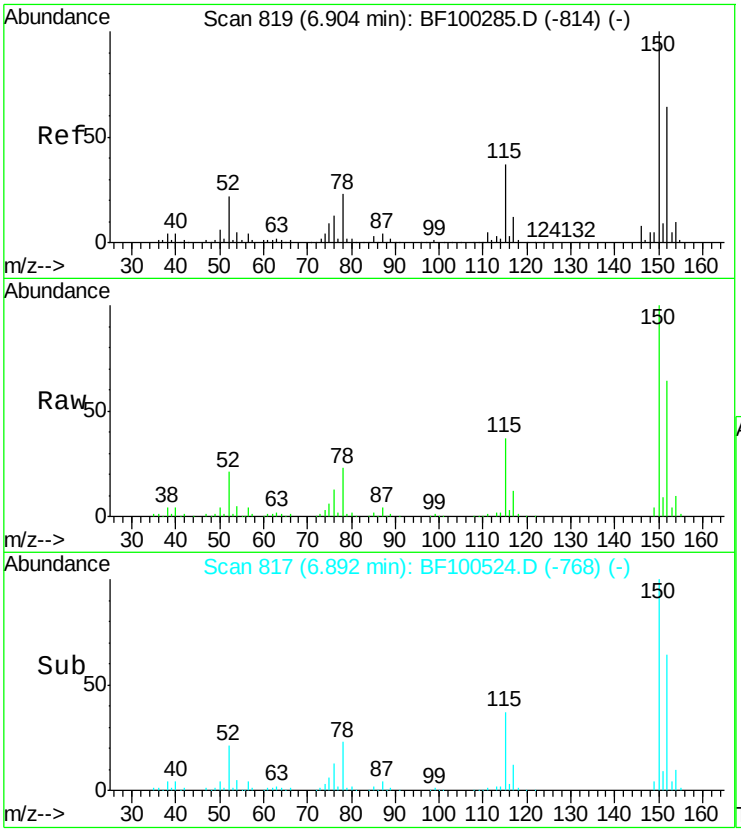


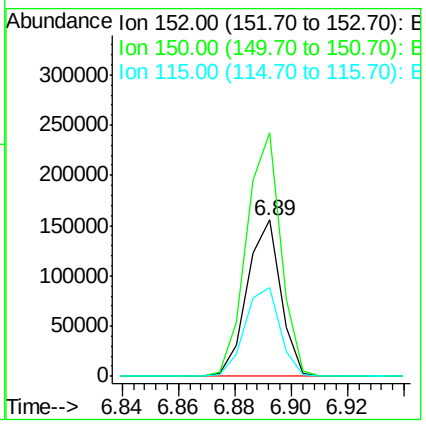


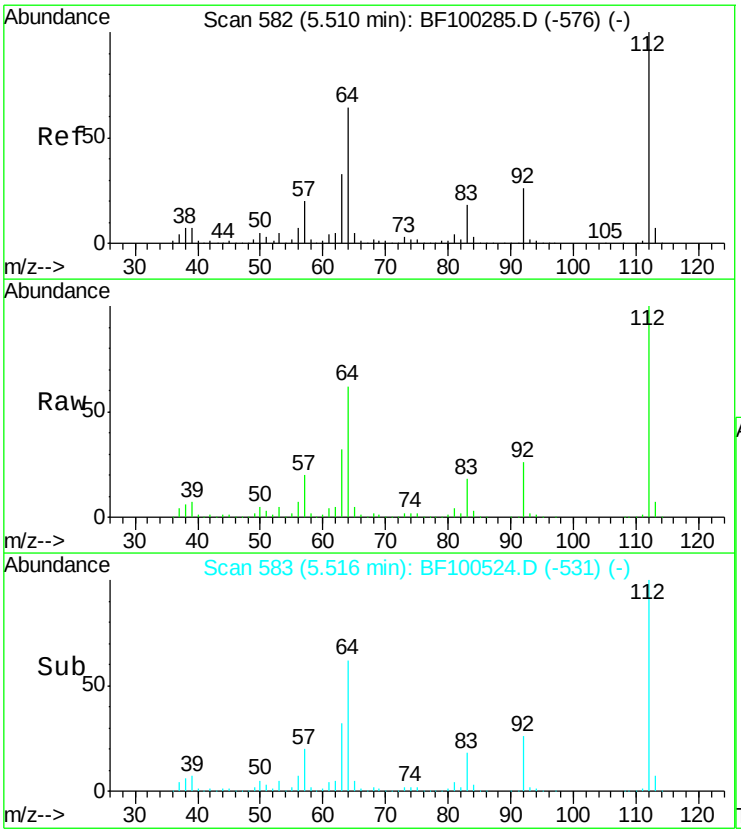
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF100524.D
Acq: 14 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 128669

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	57.0	50.1	75.1

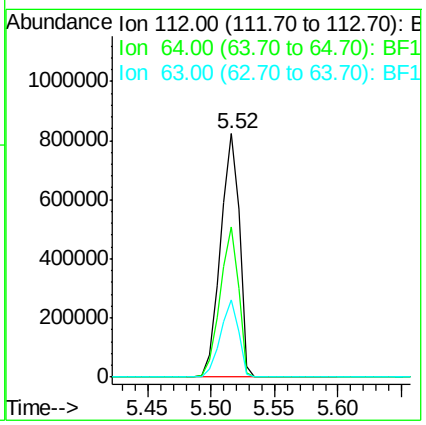


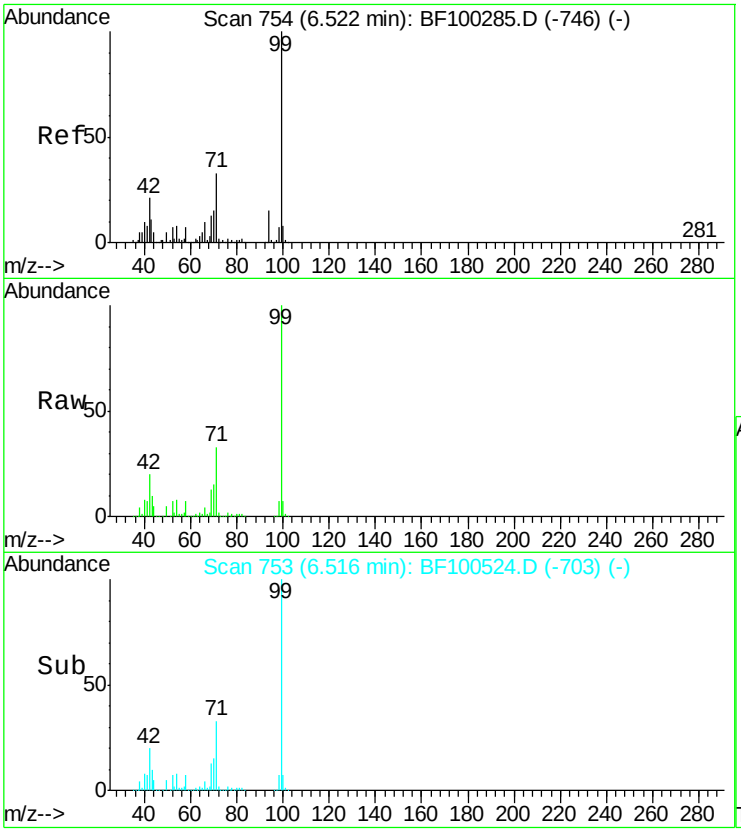


#5
2-Fluorophenol
Concen: 106.24 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF100524.D
Acq: 14 Nov 2017 5:00

Tgt Ion:112 Resp: 852789

Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.9	71.9
63	31.7	23.7	35.5



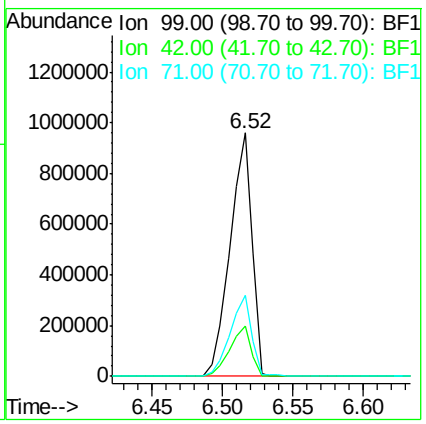


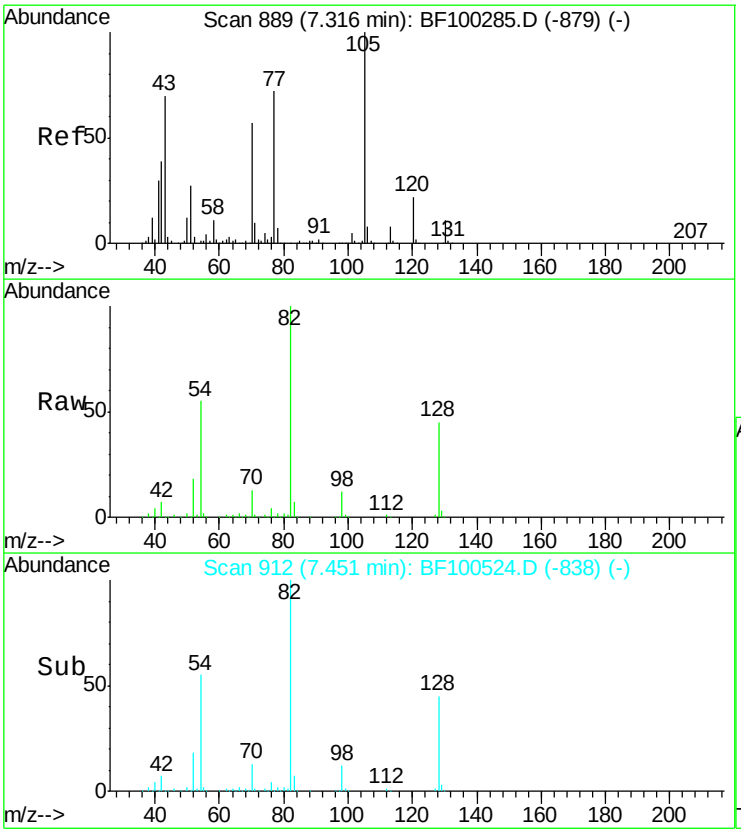
#7
Phenol-d6
Concen: 104.37 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF100524.D
Acq: 14 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1033096

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	33.4	25.4	38.0

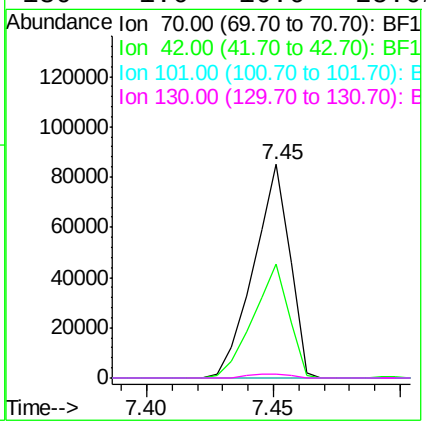


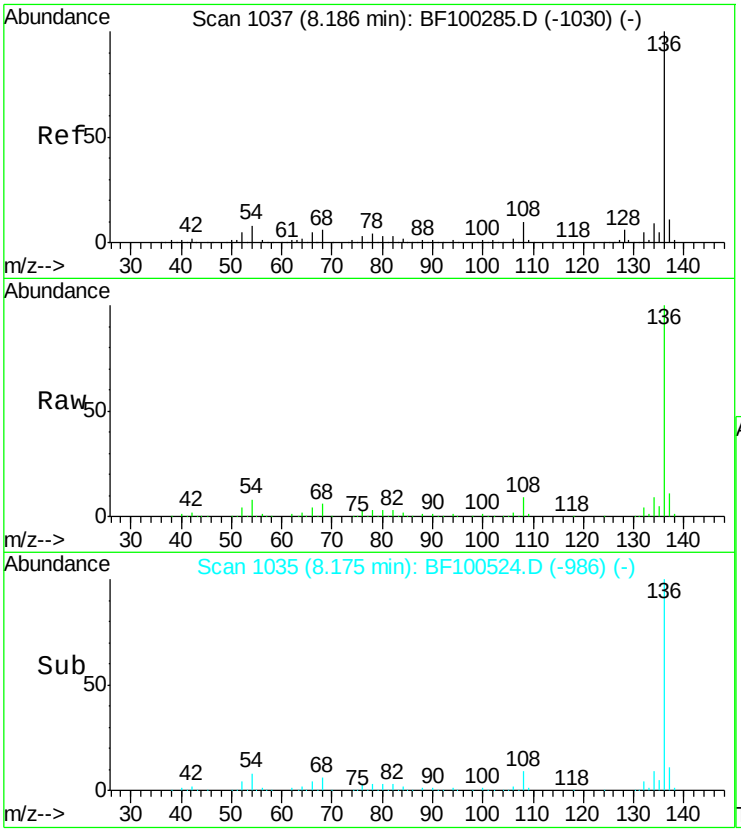


#19
n-Nitroso-di-n-propylamine
Concen: 12.26 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF100524.D
Acq: 14 Nov 2017 5:00

Tgt Ion: 70 Resp: 84139

Ion	Ratio	Lower	Upper
70	100		
42	53.4	47.5	71.3
101	0.0	7.4	11.2#
130	1.6	16.6	25.0#



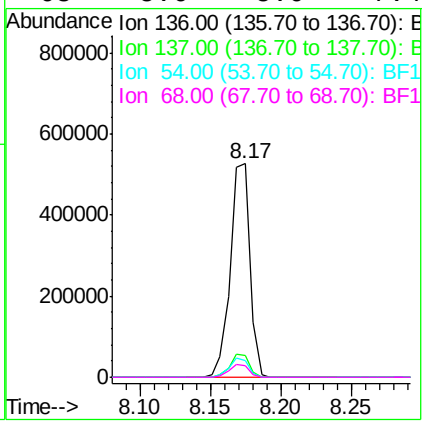


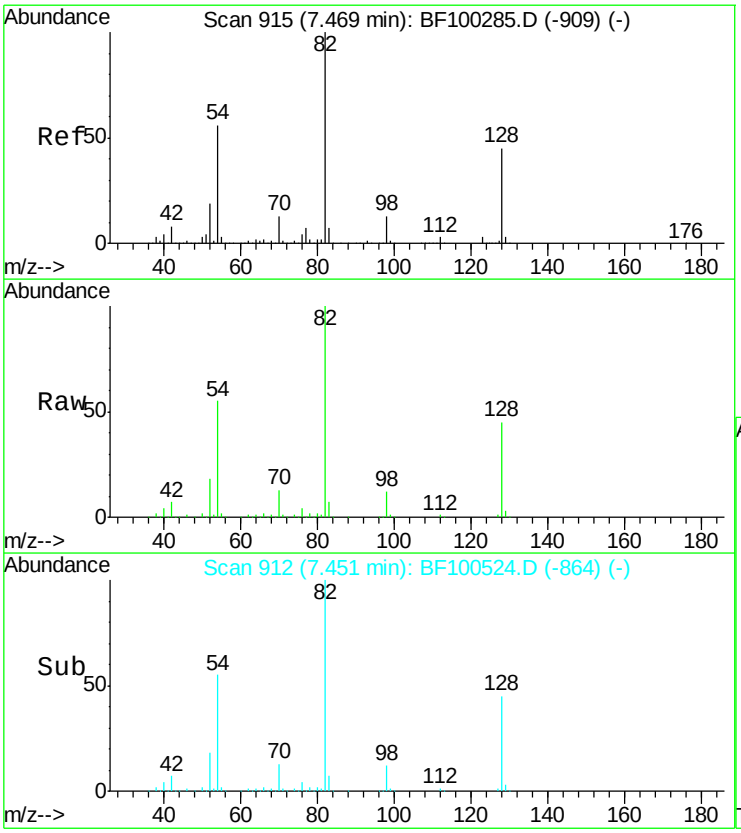
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF100524.D
Acq: 14 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 511205

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.0	6.6	9.8
68	5.6	5.0	7.4

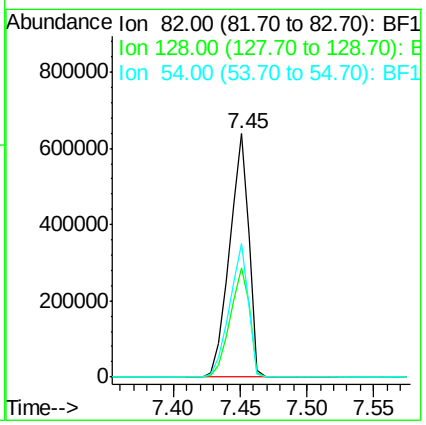


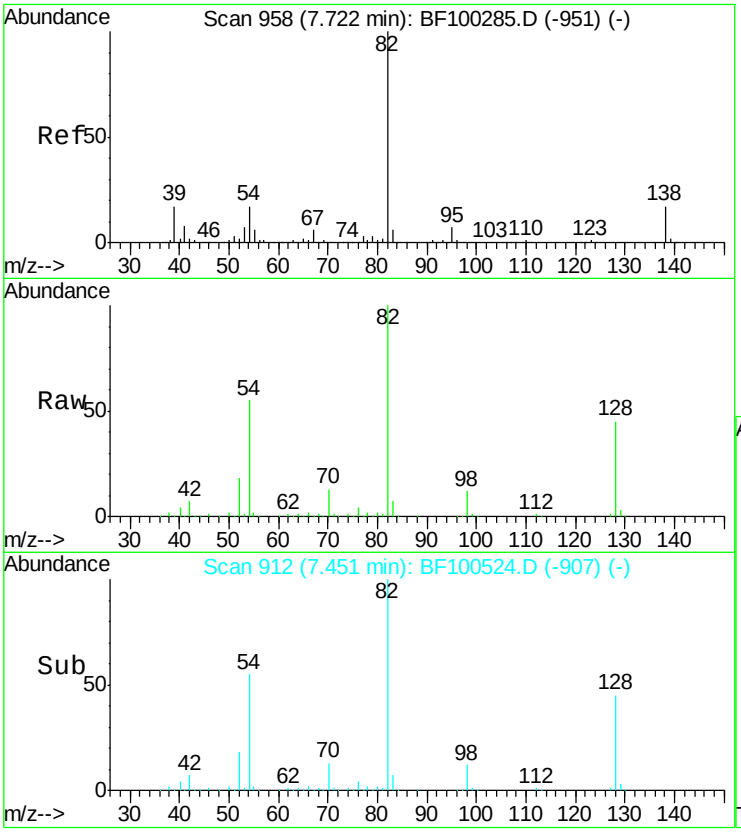


#23
Nitrobenzene-d5
Concen: 83.77 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF100524.D
Acq: 14 Nov 2017 5:00

Tgt Ion: 82 Resp: 647741

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	54.7	41.4	62.2



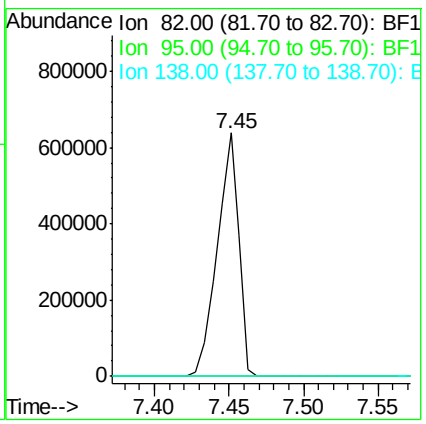


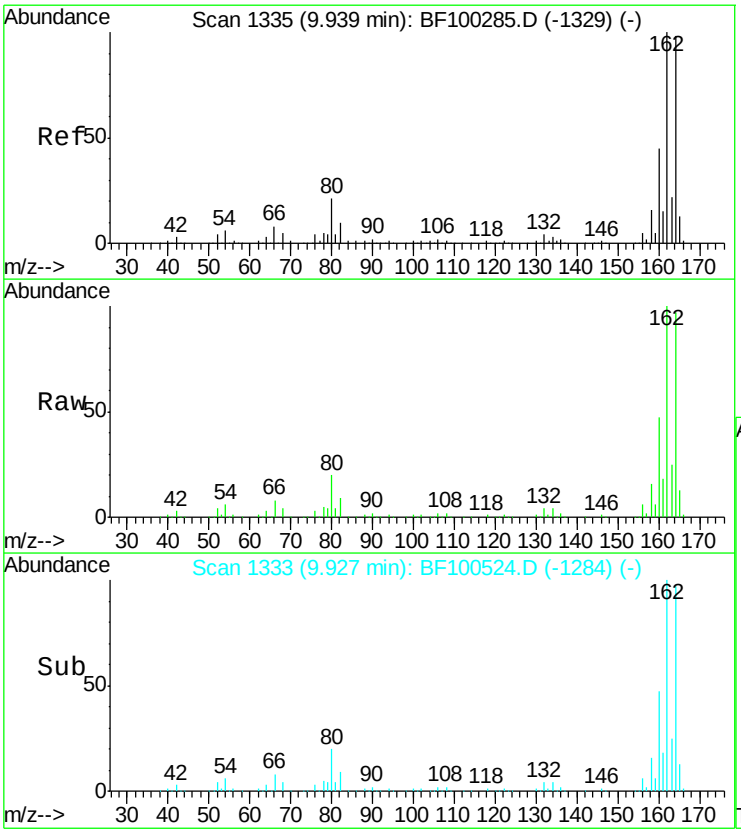
#25
Isophorone
Concen: 39.85 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.27 min
Lab File: BF100524.D
Acq: 14 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 647508

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

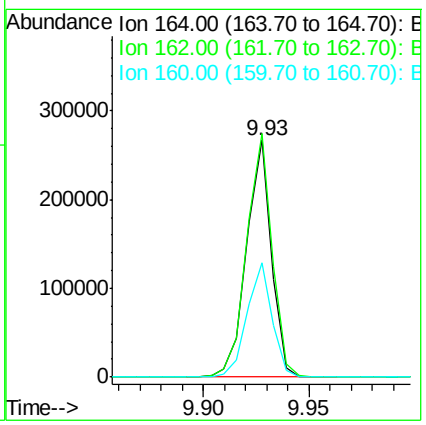


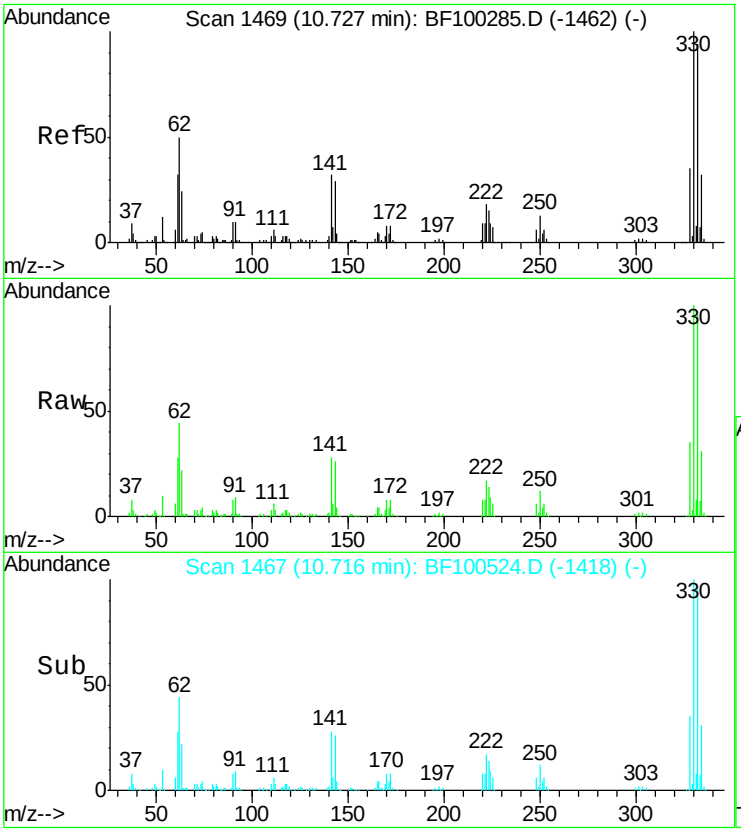


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF100524.D
Acq: 14 Nov 2017 5:00

Tgt Ion:164 Resp: 217787

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	48.6	38.3	57.5



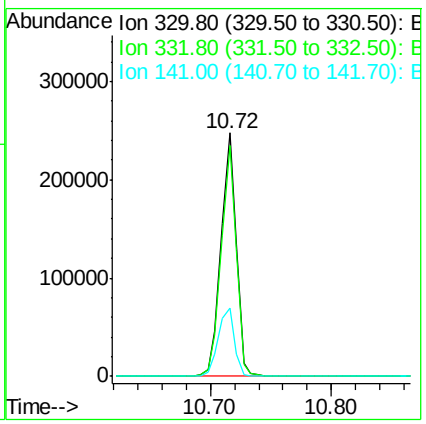


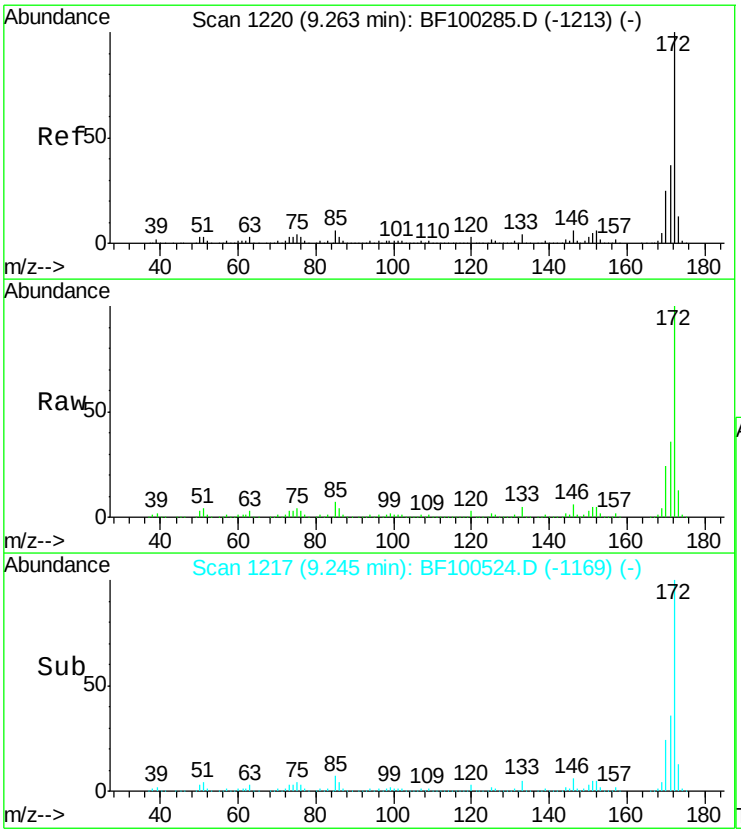
#41
2,4,6-Tribromophenol
Concen: 97.70 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF100524.D
Acq: 14 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 216828

Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	29.5	29.9	44.9#

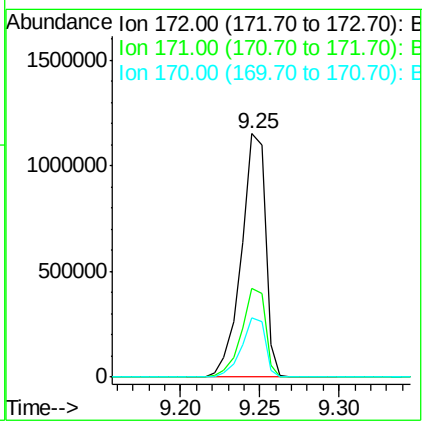


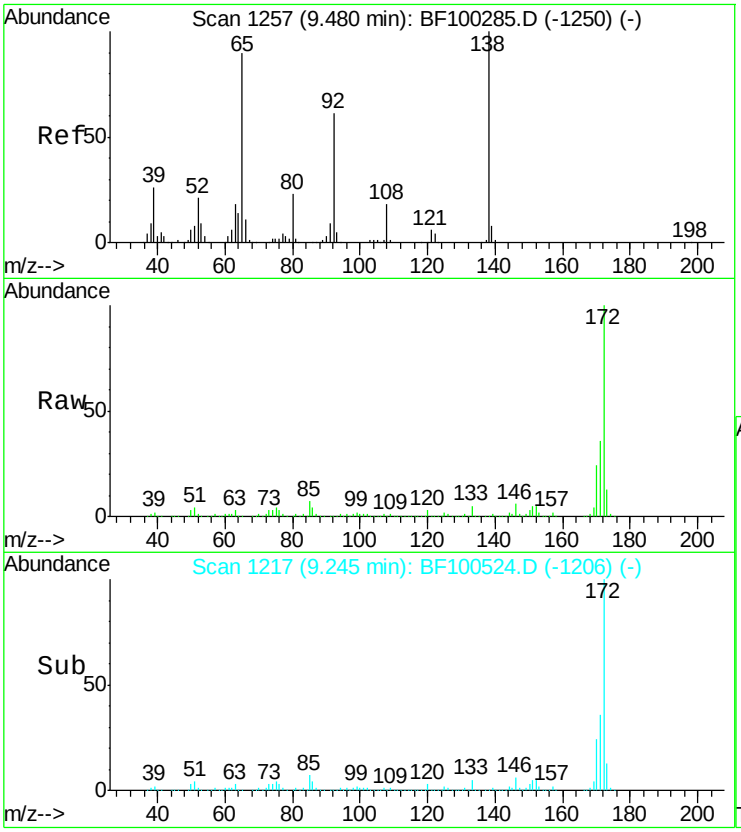


#44
2-Fluorobiphenyl
Concen: 84.78 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BF100524.D
Acq: 14 Nov 2017 5:00

Tgt Ion:172 Resp: 1212636

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.3	19.6	29.4



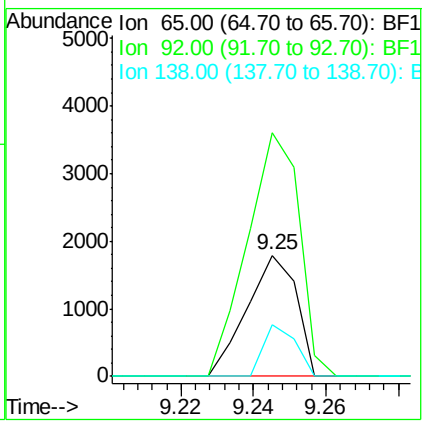


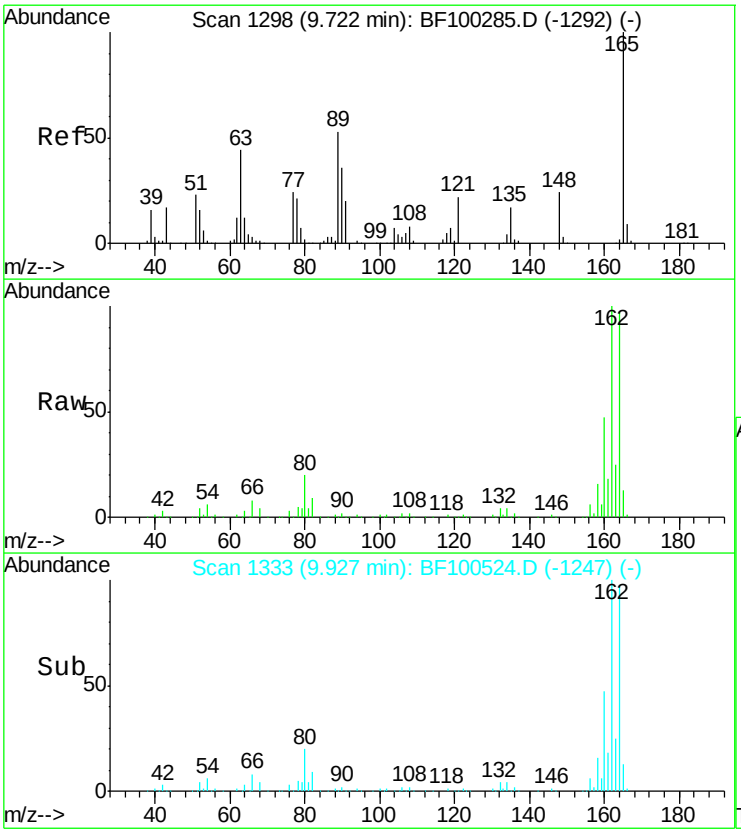
#47
2-Nitroaniline
Concen: 3.18 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.24 min
Lab File: BF100524.D
Acq: 14 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 1694

Ion	Ratio	Lower	Upper
65	100		
92	201.3	55.8	83.6#
138	42.3	91.2	136.8#

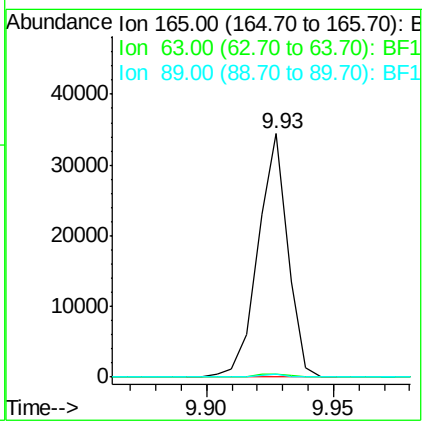


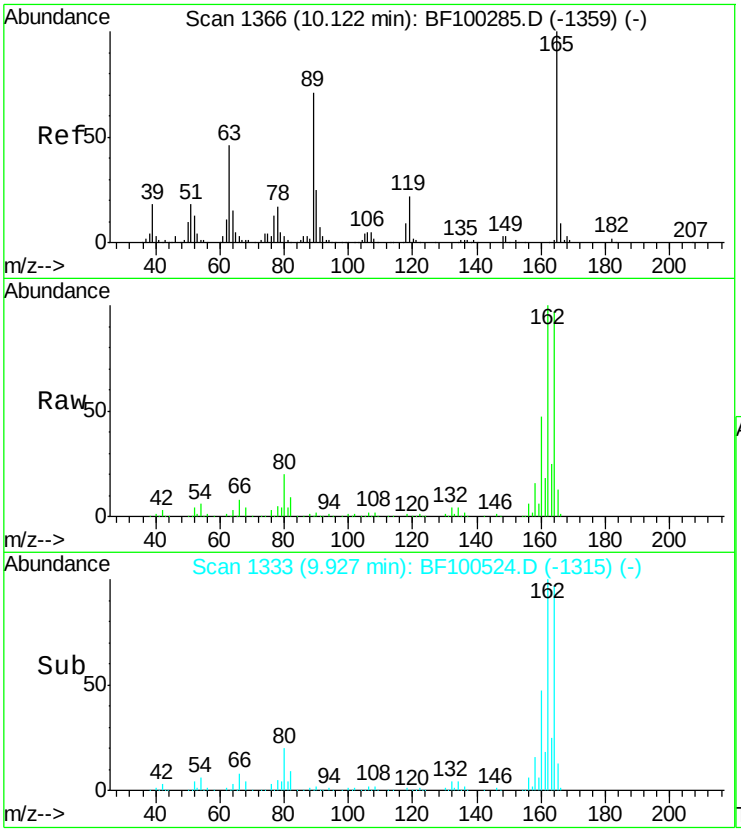


#50
2,6-Dinitrotoluene
Concen: 8.57 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.21 min
Lab File: BF100524.D
Acq: 14 Nov 2017 5:00

Tgt Ion:165 Resp: 28197

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.5	44.0	66.0#



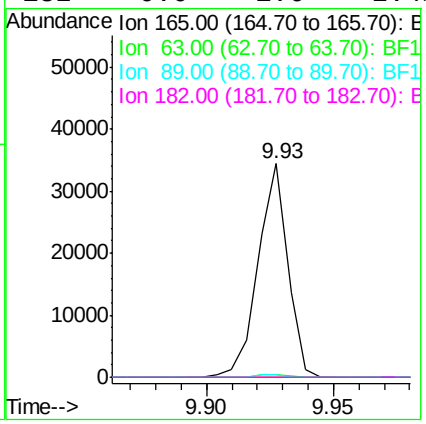


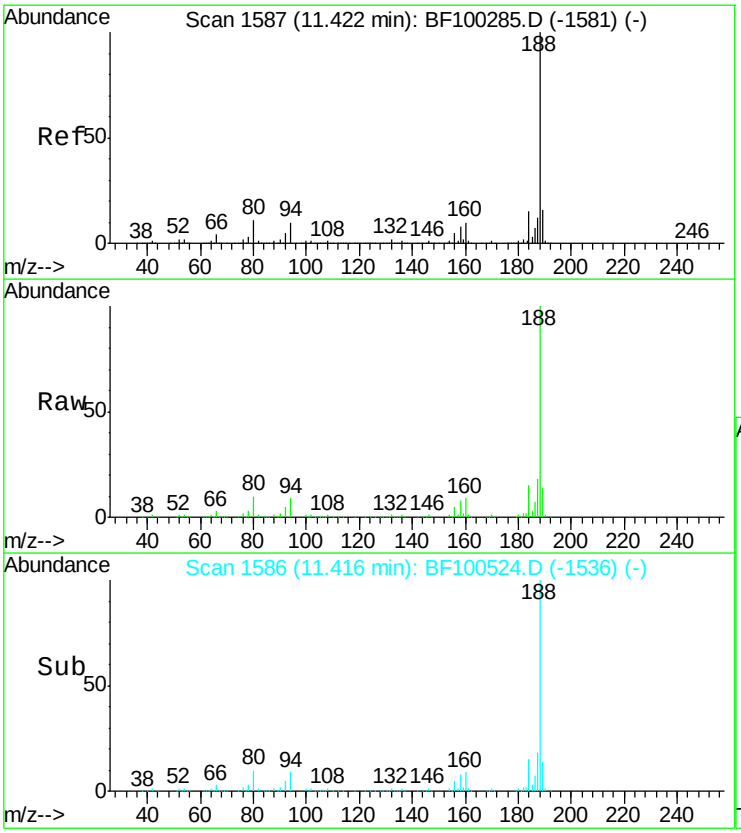
#56
2,4-Dinitrotoluene
Concen: 6.79 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF100524.D
Acq: 14 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28197

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

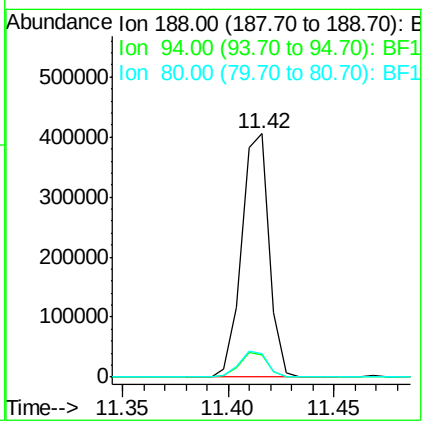


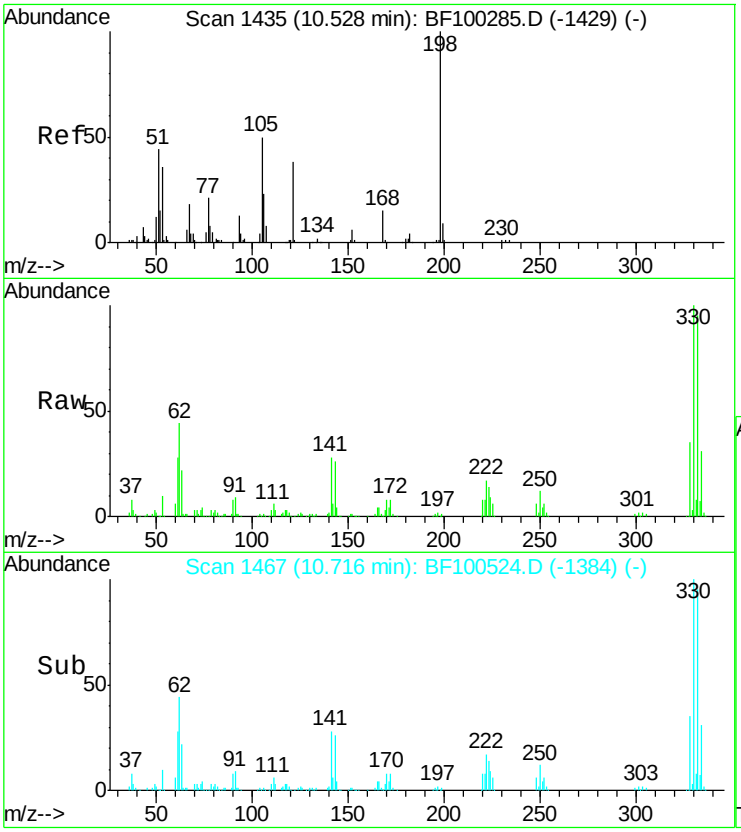


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF100524.D
Acq: 14 Nov 2017 5:00

Tgt Ion:188 Resp: 366121

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.8	9.2	13.8



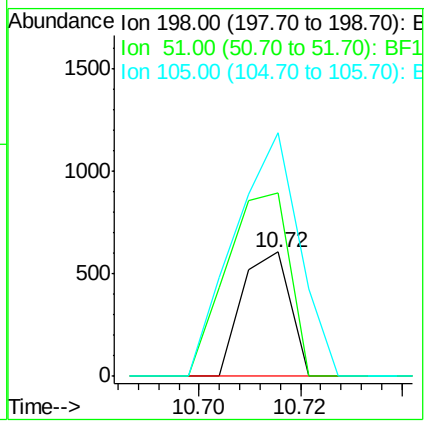


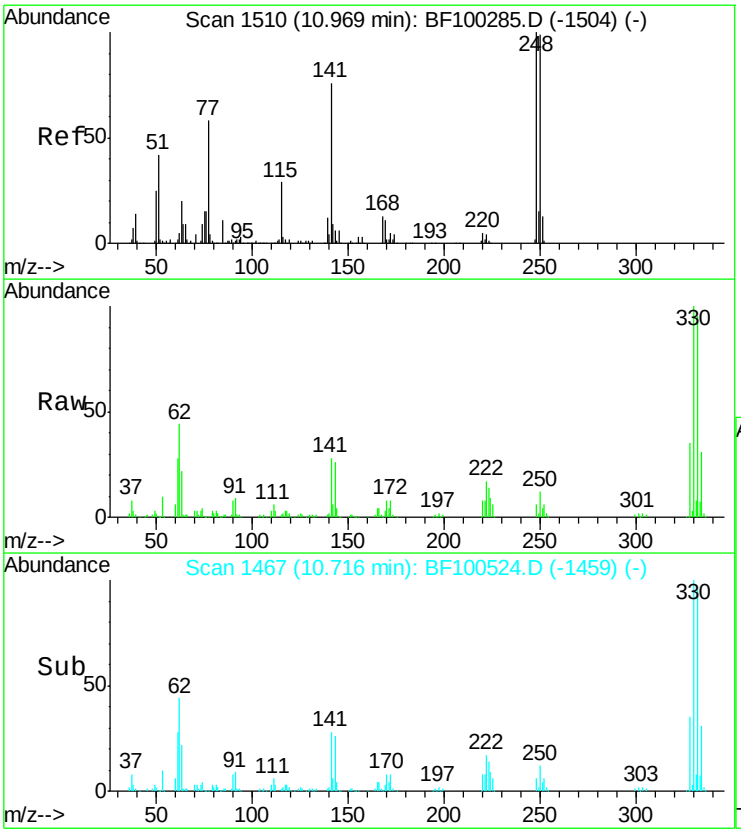
#64
4,6-Dinitro-2-methylphenol
Concen: 8.75 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF100524.D
Acq: 14 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 397

Ion	Ratio	Lower	Upper
198	100		
51	147.5	37.7	77.7#
105	196.2	36.3	76.3#

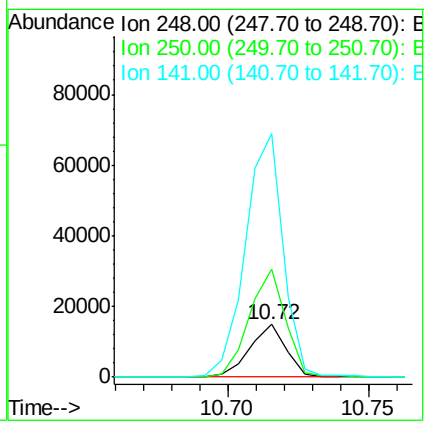


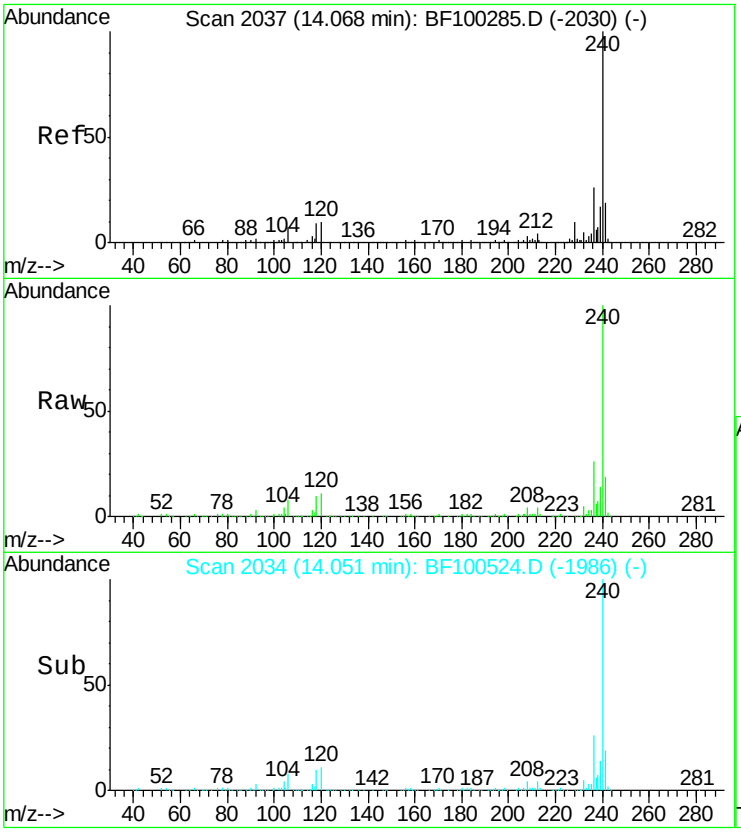


#66
4-Bromophenyl-phenylether
Concen: 3.37 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF100524.D
Acq: 14 Nov 2017 5:00

Tgt Ion:248 Resp: 13220

Ion	Ratio	Lower	Upper
248	100		
250	205.8	76.9	115.3#
141	463.0	74.4	111.6#



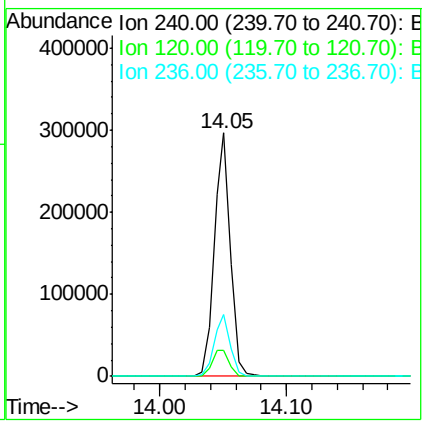


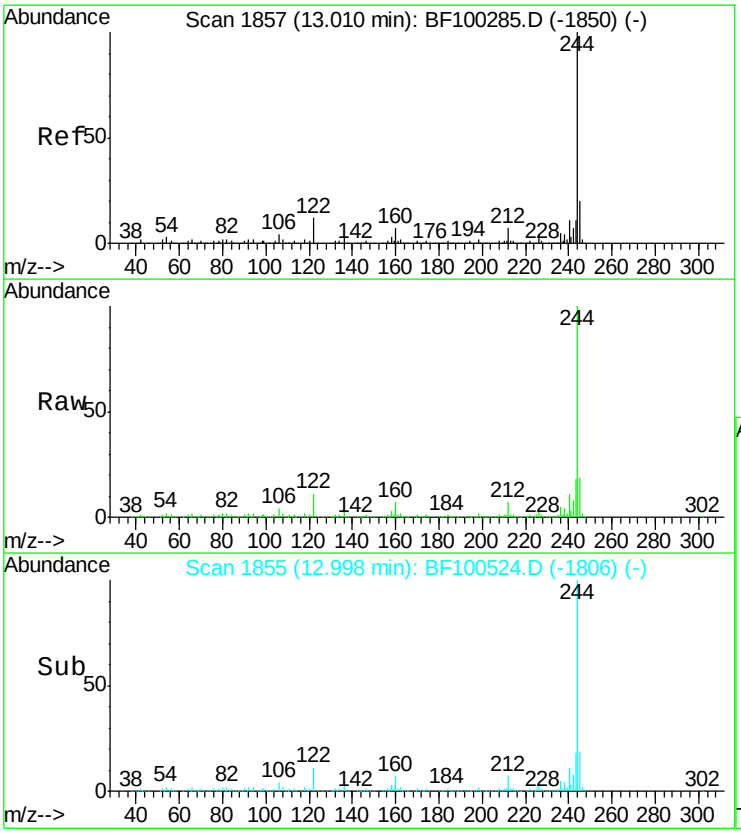
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF100524.D
Acq: 14 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 263545

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	25.5	20.7	31.1

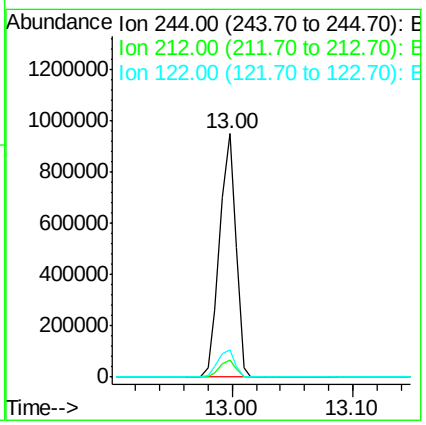


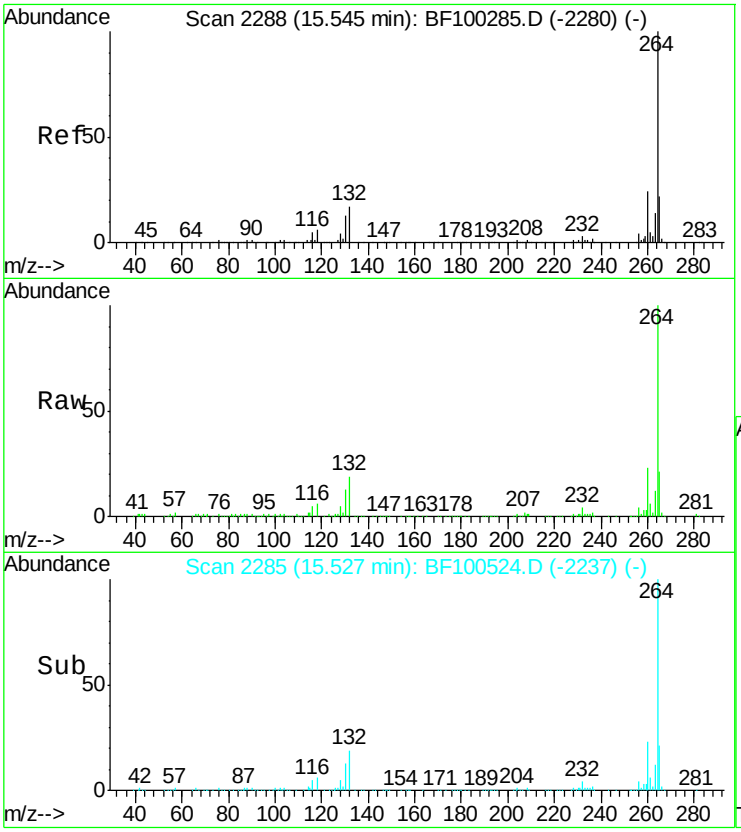


#78
Terphenyl-d14
Concen: 77.16 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF100524.D
Acq: 14 Nov 2017 5:00

Tgt Ion:244 Resp: 884992

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.2	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BF100524.D
Acq: 14 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 216549

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.1	17.5	26.3