Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100526.D
Acq On : 14 Nov 2017 5:53
Operator : SJ/JU
Sample : I6441-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 14 08:42:04 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	119890	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	435470	20.00	ng	-0.02
38) Acenaphthene-d10	9.93	164	172972	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	280765	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	262009	20.00	ng	-0.02
86) Perylene-d12	15.53	264	203149	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	875336	117.04	ng	0.01
7) Phenol-d6	6.52	99	931085	100.95	ng	0.00
23) Nitrobenzene-d5	7.45	82	736356	111.79	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	231259	131.20	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1263944	111.27	ng	-0.02
78) Terphenyl-d14	13.00	244	987223	86.58	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	96288	15.05	ng	# 81
25) Isophorone	7.45	82	736338	53.20	ng	# 64
47) 2-Nitroaniline	9.25	65	1813	3.32	ng	# 5
50) 2,6-Dinitrotoluene	9.93	165	21940	8.39	ng	# 25
56) 2,4-Dinitrotoluene	9.93	165	21940	6.65	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.72	198	153	8.66	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	14744	4.90	ng	# 1

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

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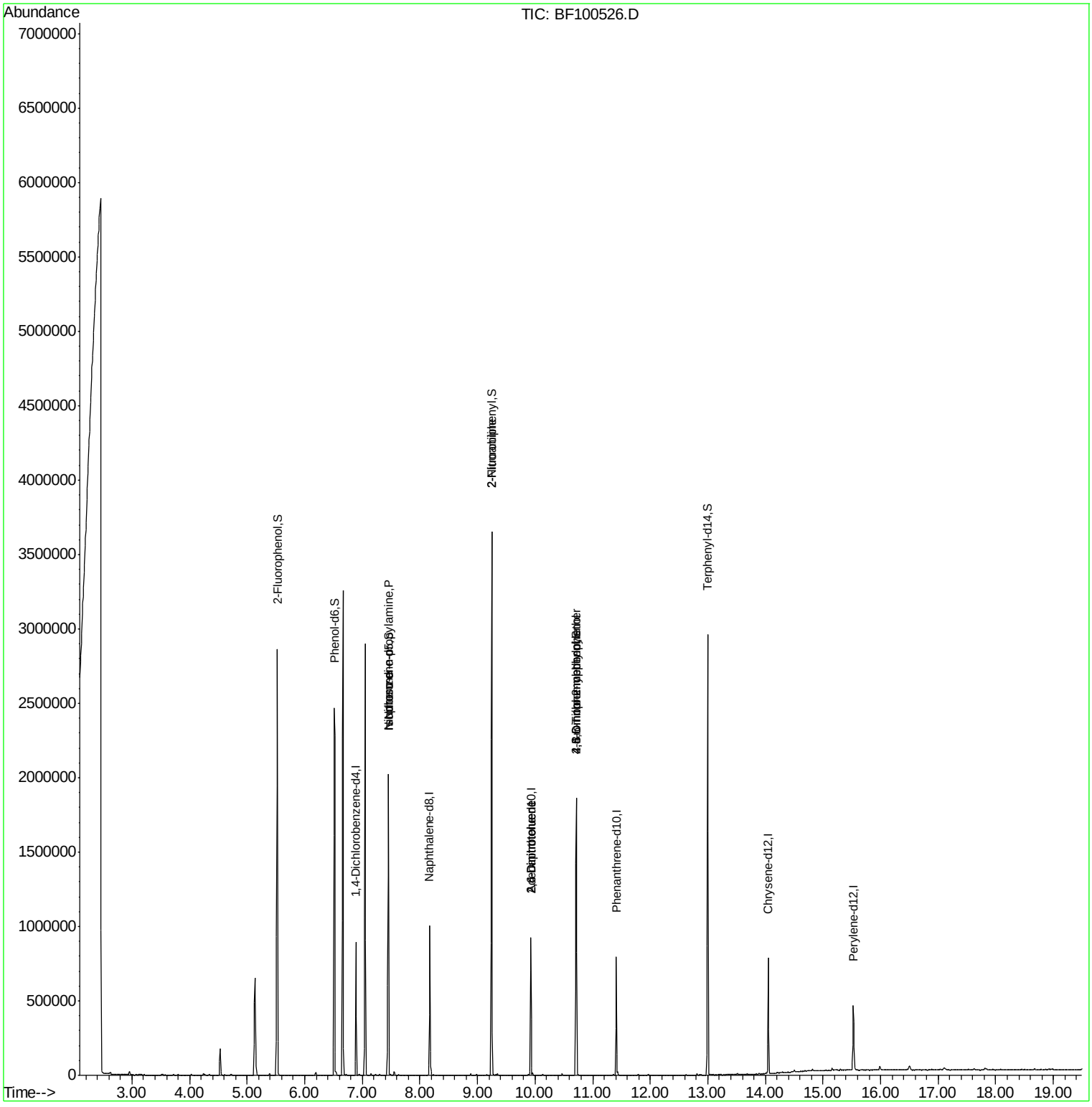
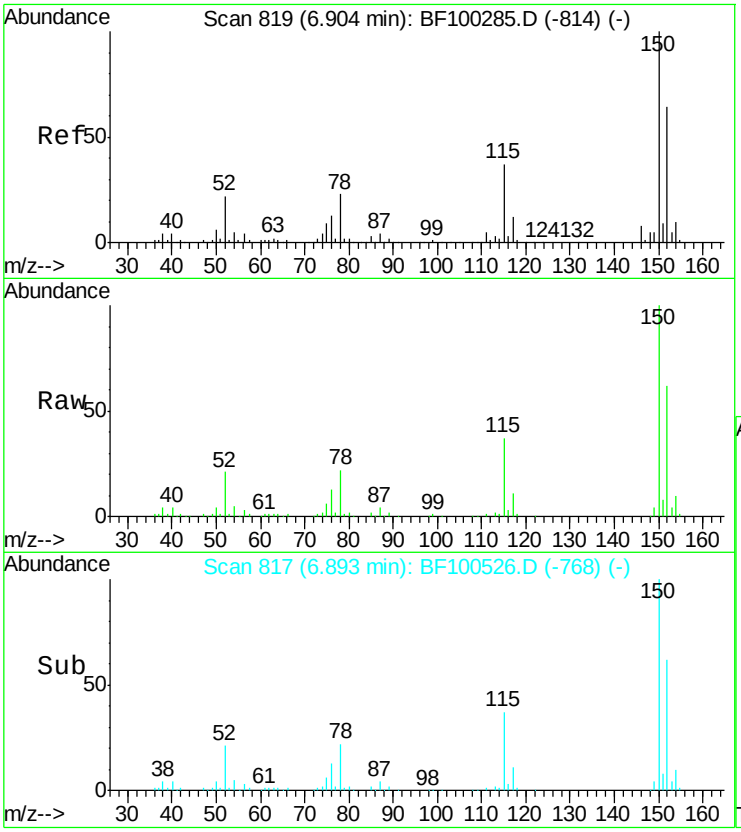
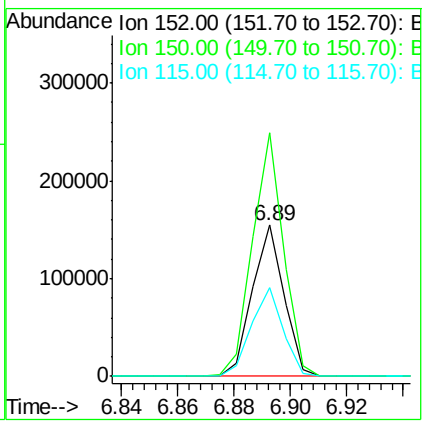




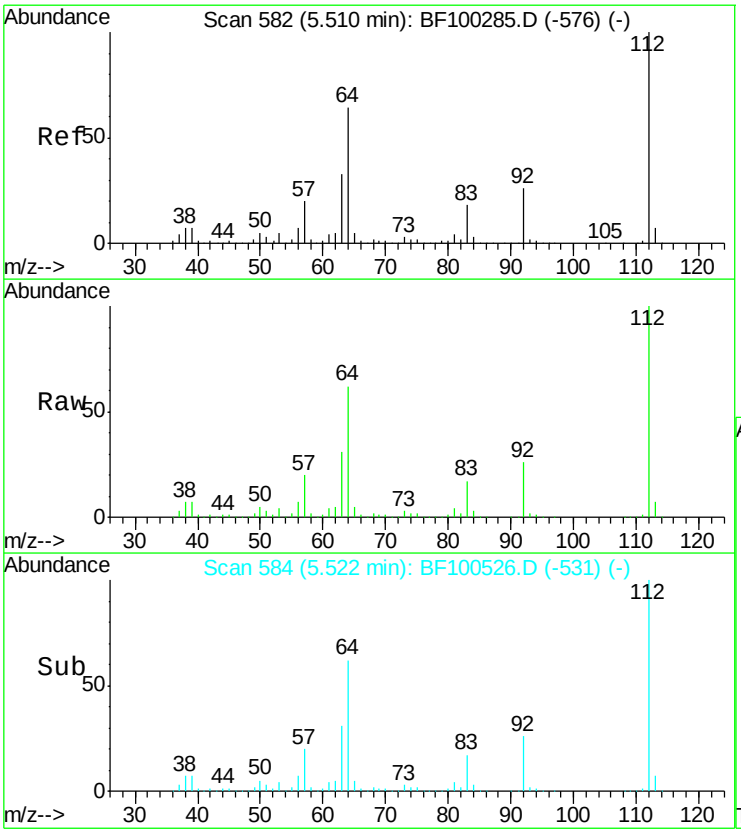
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF100526.D
Acq: 14 Nov 2017 5:53

Tgt Ion:152 Resp: 119890

Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.6	186.8
115	58.8	50.1	75.1



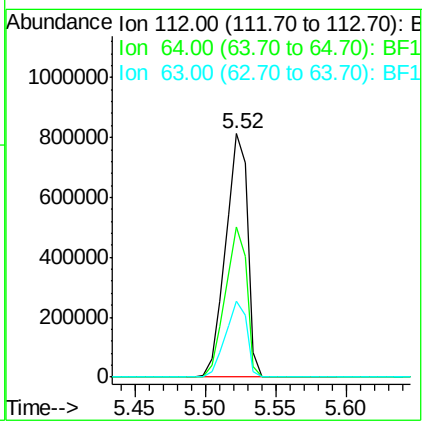
Instrument :
BNA_F
ClientSampleId :

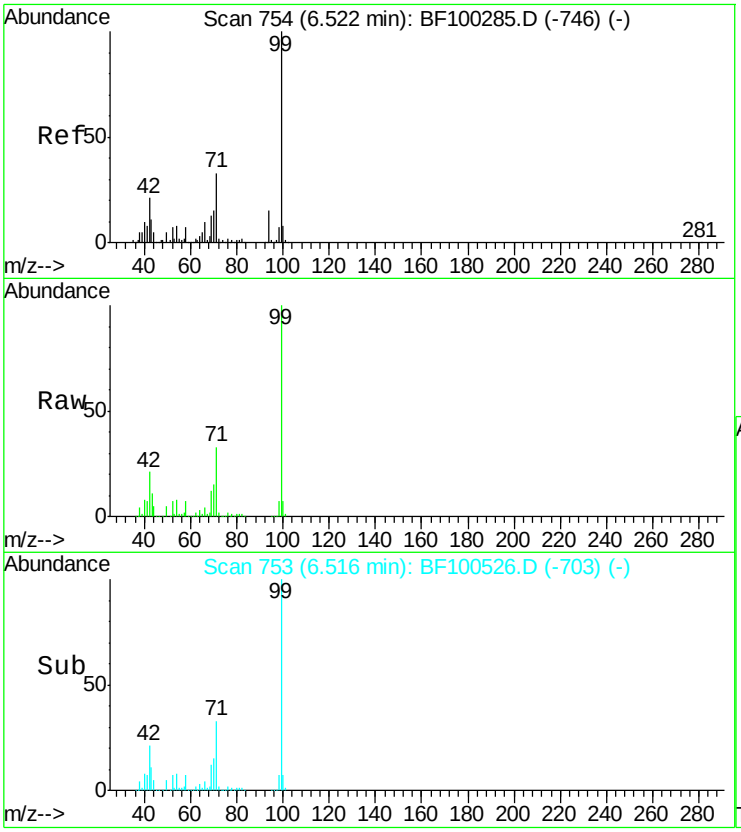


#5
2-Fluorophenol
Concen: 117.04 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100526.D
Acq: 14 Nov 2017 5:53

Tgt Ion:112 Resp: 875336

Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.9	71.9
63	31.1	23.7	35.5



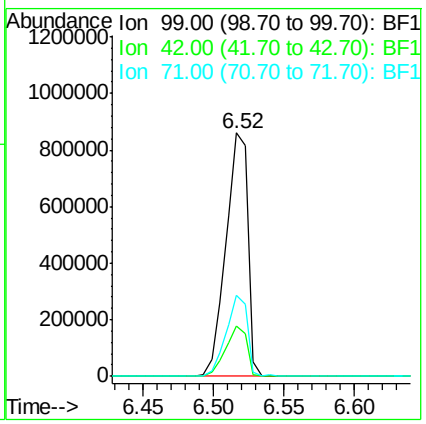


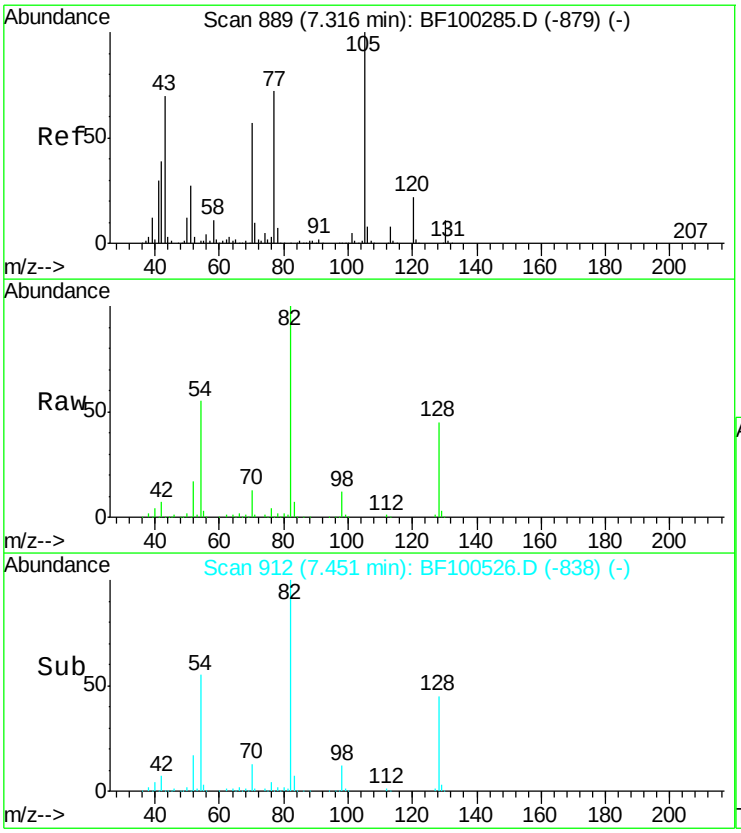
#7
Phenol-d6
Concen: 100.95 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF100526.D
Acq: 14 Nov 2017 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 931085

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	33.5	25.4	38.0

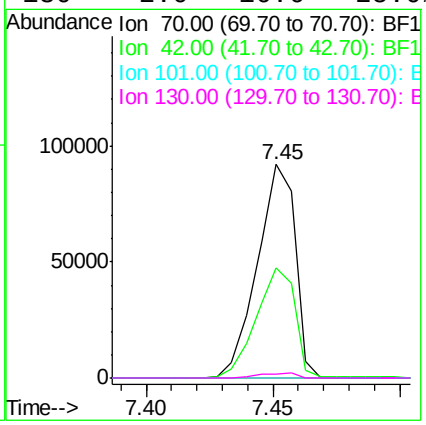


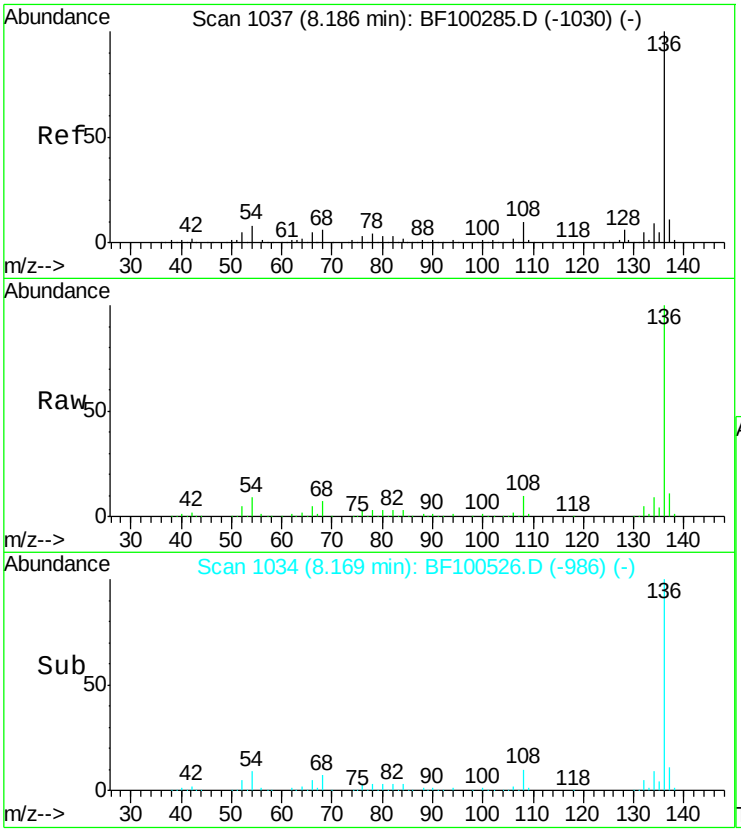


#19
n-Nitroso-di-n-propylamine
Concen: 15.05 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF100526.D
Acq: 14 Nov 2017 5:53

Tgt Ion: 70 Resp: 96288

Ion	Ratio	Lower	Upper
70	100		
42	51.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



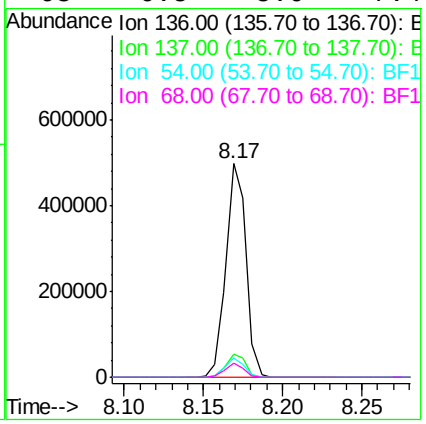


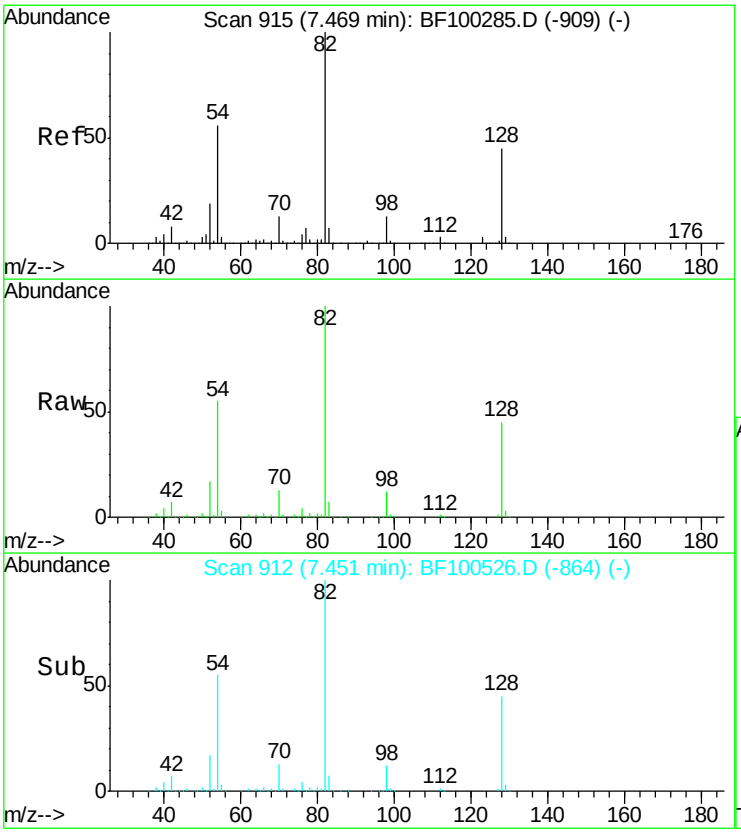
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF100526.D
Acq: 14 Nov 2017 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 435470

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.2	6.6	9.8
68	6.5	5.0	7.4

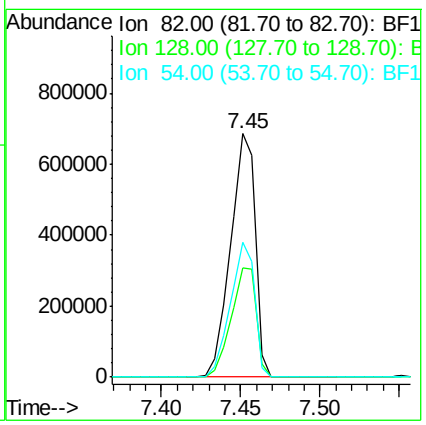


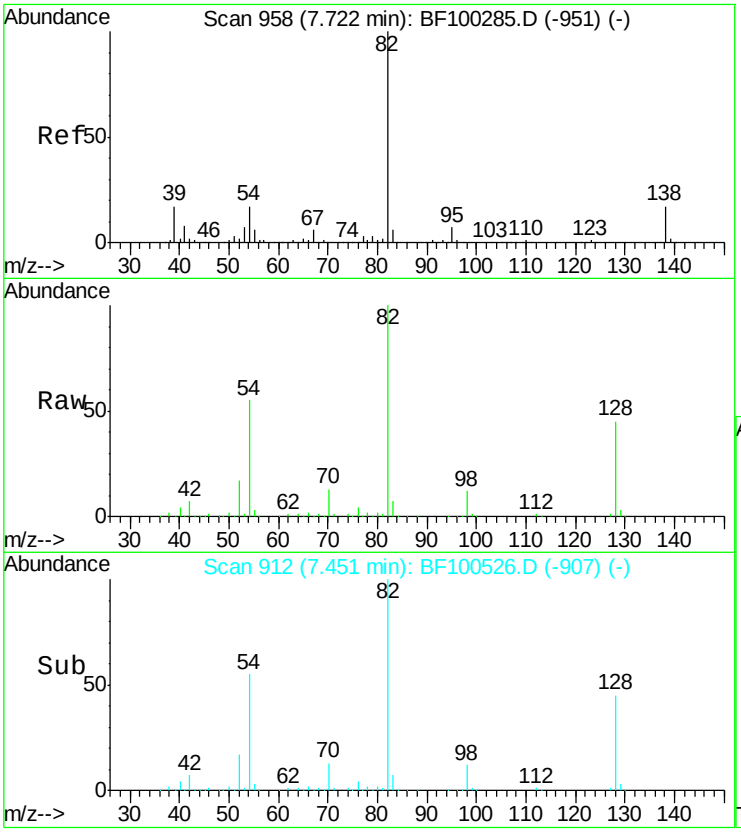


#23
Nitrobenzene-d5
Concen: 111.79 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF100526.D
Acq: 14 Nov 2017 5:53

Tgt Ion: 82 Resp: 736356

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	55.4	41.4	62.2



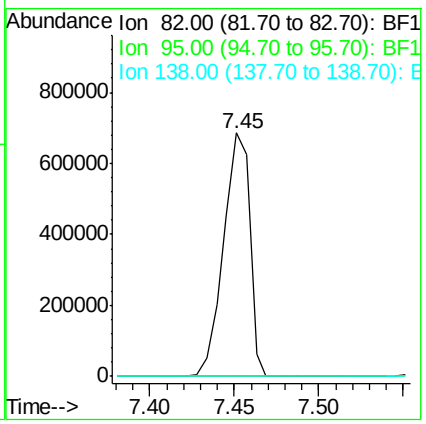


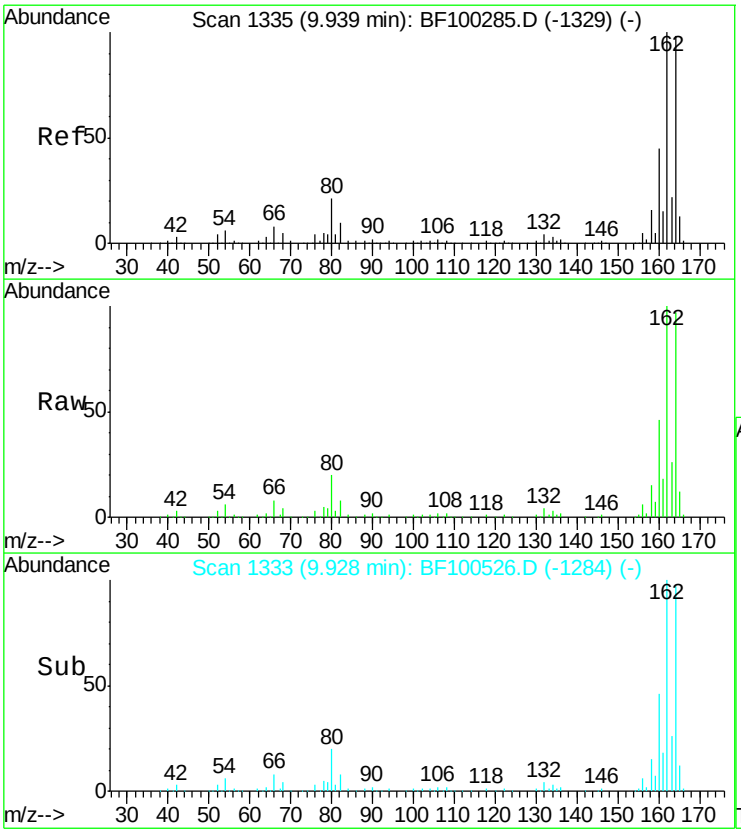
#25
Isophorone
Concen: 53.20 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.27 min
Lab File: BF100526.D
Acq: 14 Nov 2017 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 736338

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

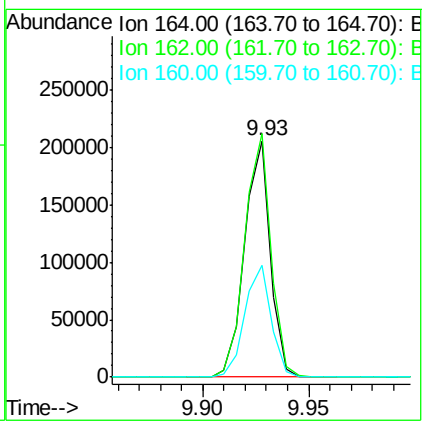


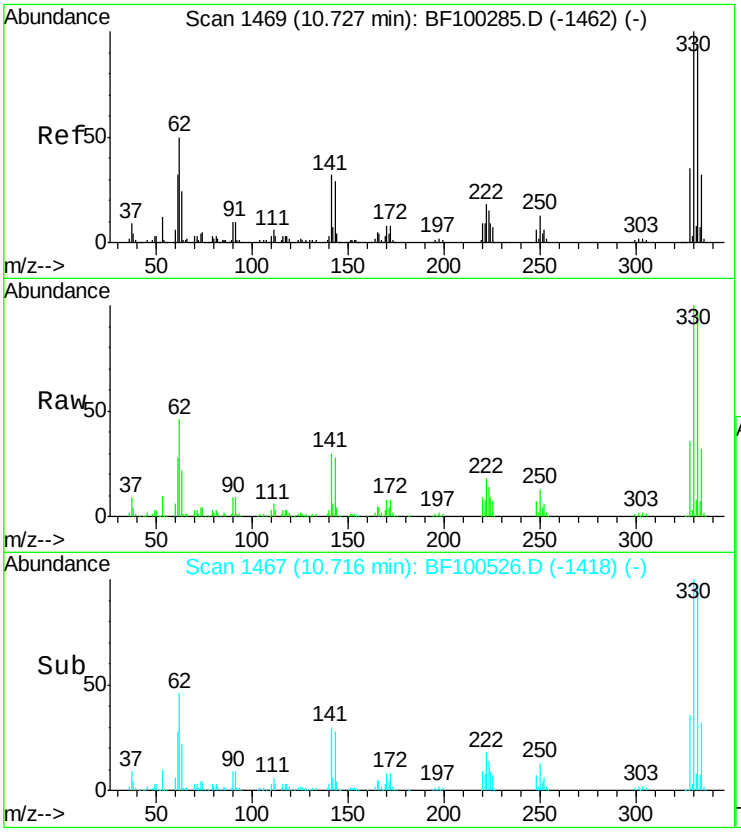


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF100526.D
Acq: 14 Nov 2017 5:53

Tgt Ion:164 Resp: 172972

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	47.3	38.3	57.5



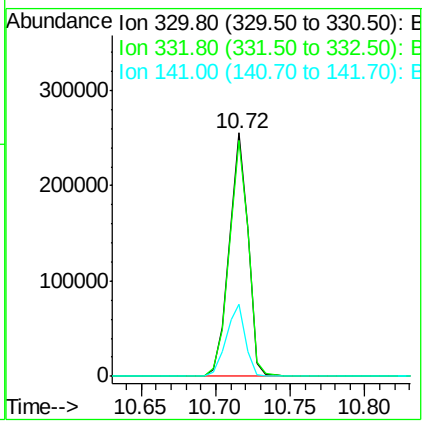


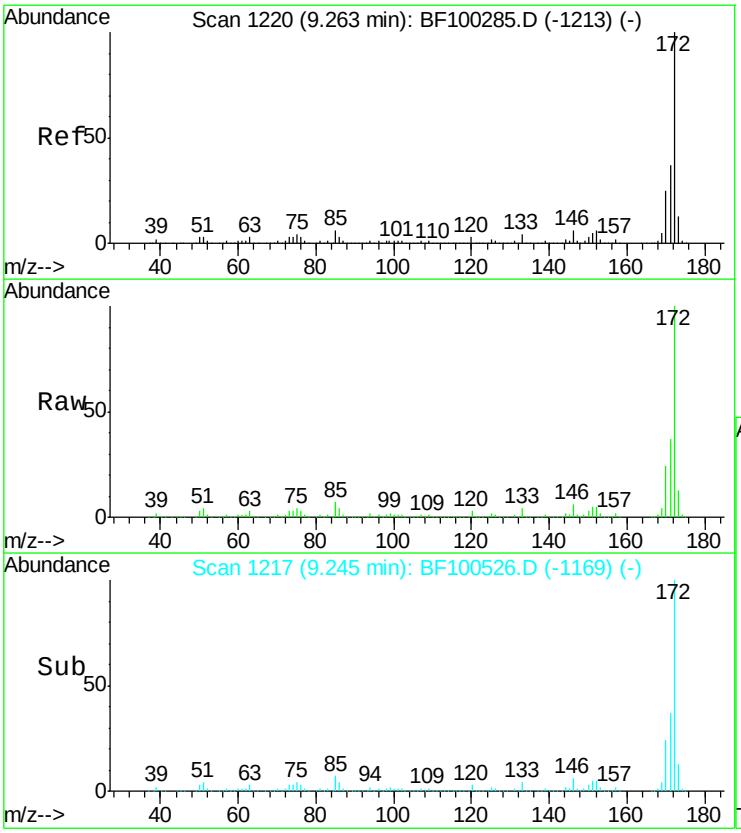
#41
2,4,6-Tribromophenol
Concen: 131.20 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF100526.D
Acq: 14 Nov 2017 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 231259

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

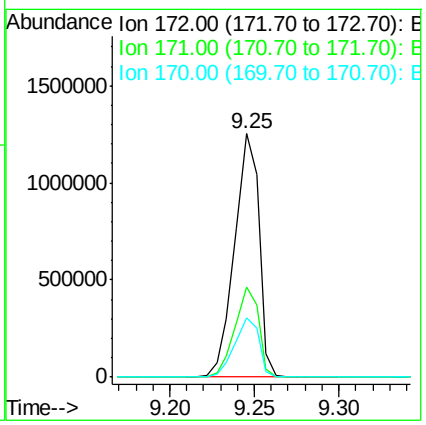


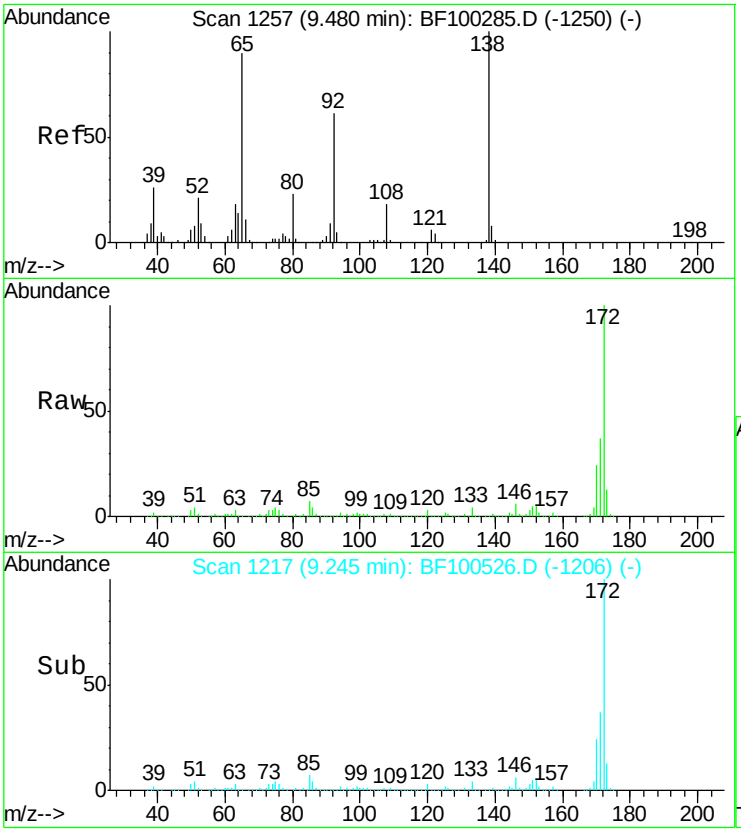


#44
2-Fluorobiphenyl
Concen: 111.27 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BF100526.D
Acq: 14 Nov 2017 5:53

Tgt Ion:172 Resp: 1263944

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.4	19.6	29.4



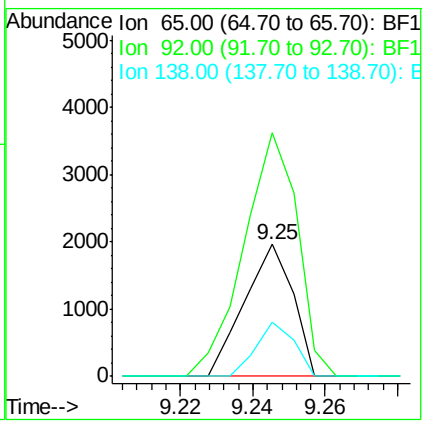


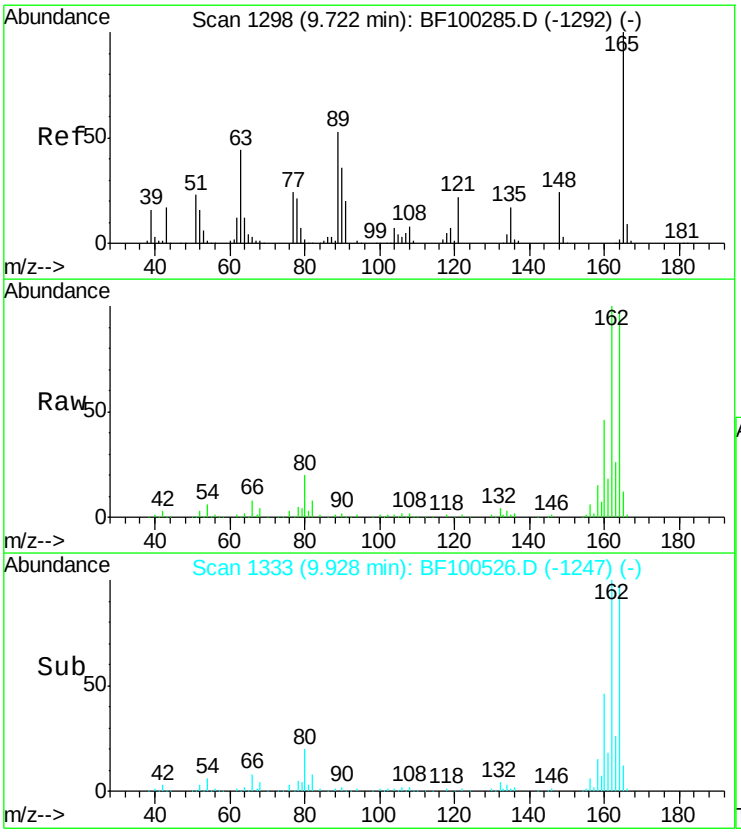
#47
2-Nitroaniline
Concen: 3.32 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.24 min
Lab File: BF100526.D
Acq: 14 Nov 2017 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 1813

Ion	Ratio	Lower	Upper
65	100		
92	184.6	55.8	83.6#
138	40.9	91.2	136.8#

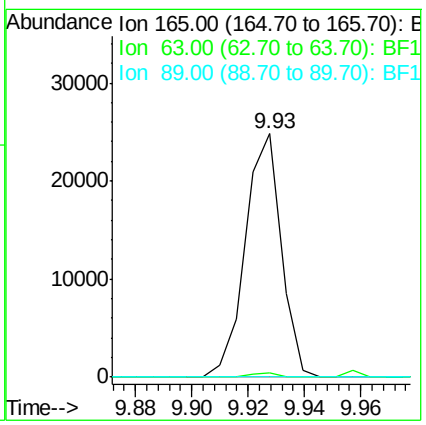


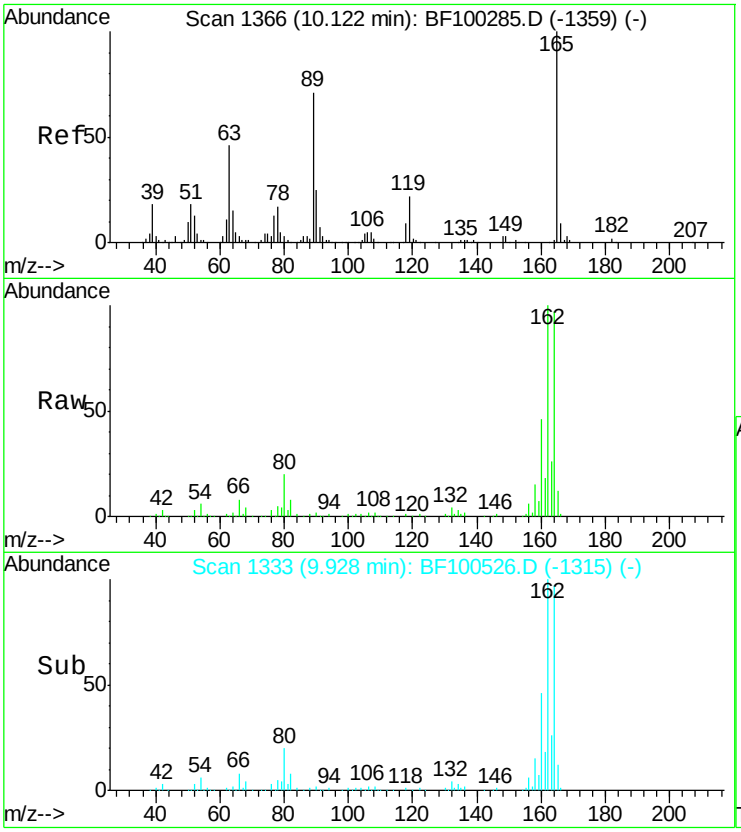


#50
2,6-Dinitrotoluene
Concen: 8.39 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.21 min
Lab File: BF100526.D
Acq: 14 Nov 2017 5:53

Tgt Ion:165 Resp: 21940

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	0.0	44.0	66.0#



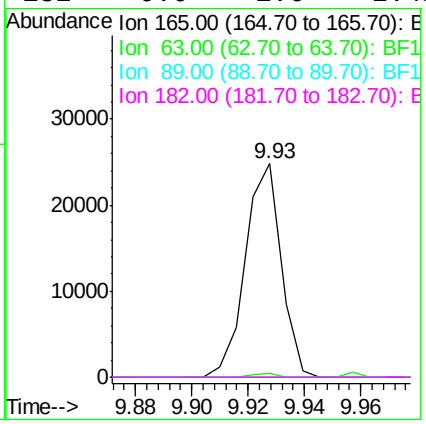


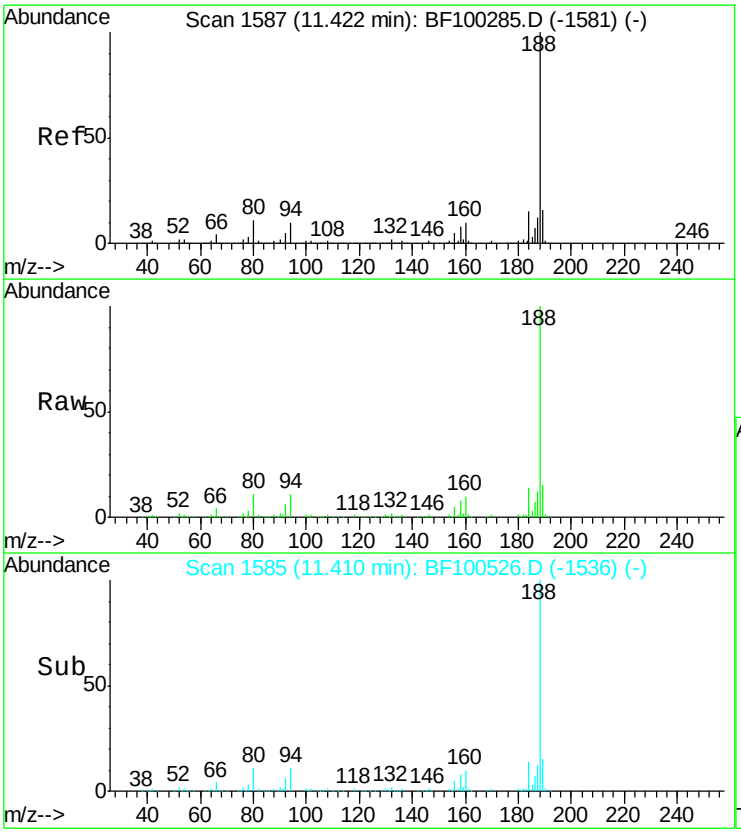
#56
2,4-Dinitrotoluene
Concen: 6.65 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF100526.D
Acq: 14 Nov 2017 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21940

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

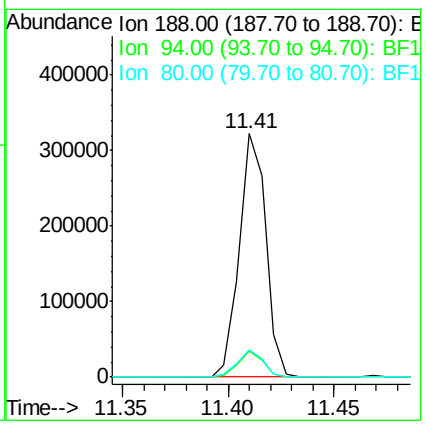


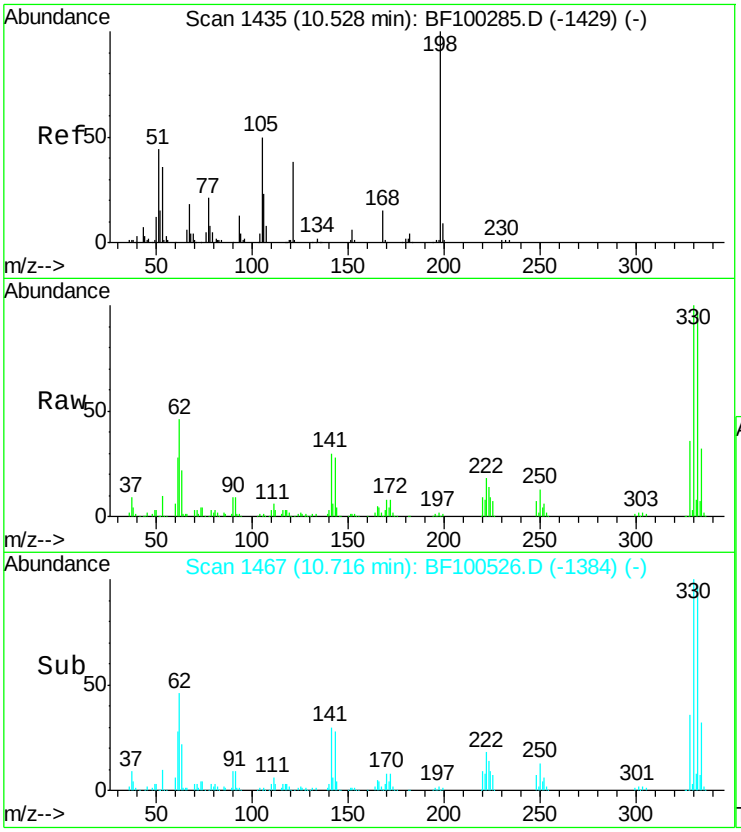


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF100526.D
Acq: 14 Nov 2017 5:53

Tgt Ion:188 Resp: 280765

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.4	9.2	13.8



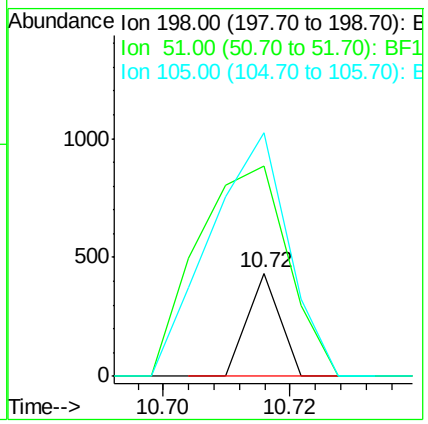


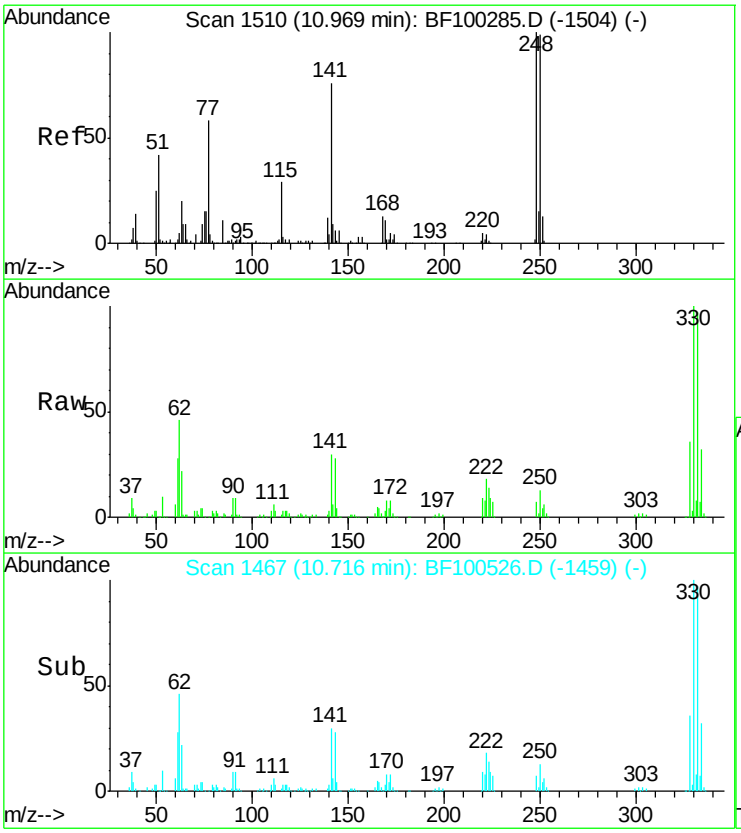
#64
4,6-Dinitro-2-methylphenol
Concen: 8.66 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF100526.D
Acq: 14 Nov 2017 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 153

Ion	Ratio	Lower	Upper
198	100		
51	203.9	37.7	77.7#
105	235.9	36.3	76.3#

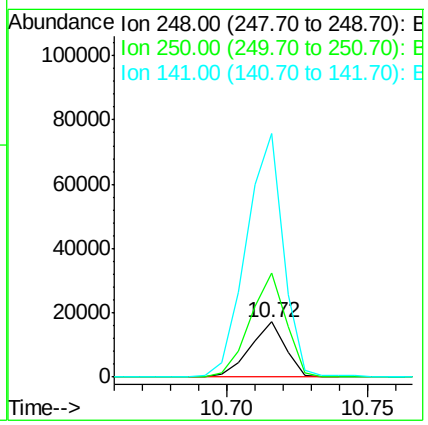


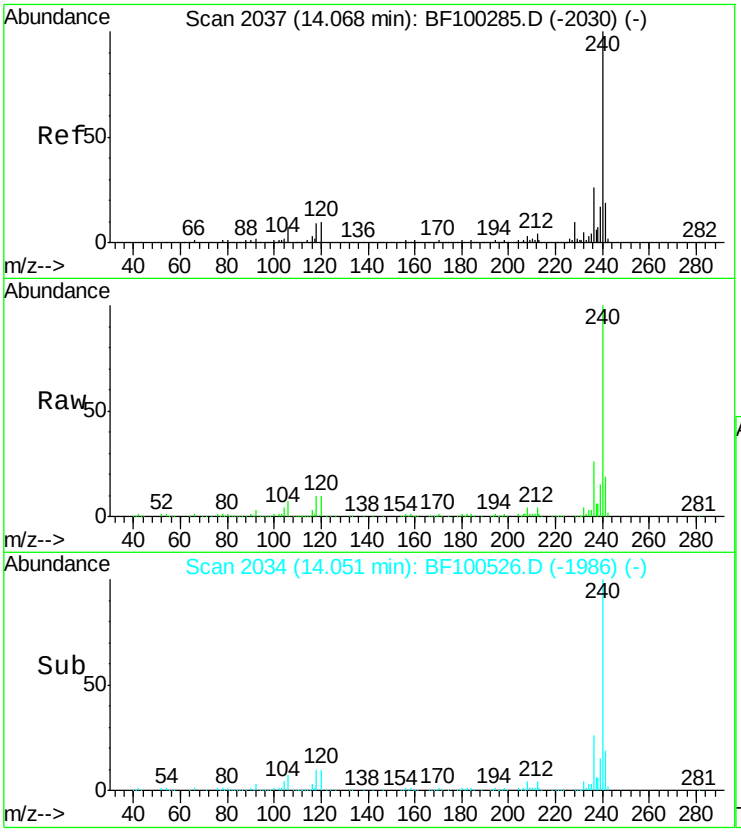


#66
4-Bromophenyl-phenylether
Concen: 4.90 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF100526.D
Acq: 14 Nov 2017 5:53

Tgt Ion:248 Resp: 14744

Ion	Ratio	Lower	Upper
248	100		
250	189.0	76.9	115.3#
141	441.8	74.4	111.6#



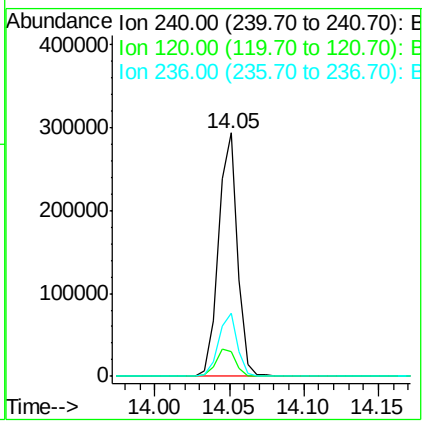


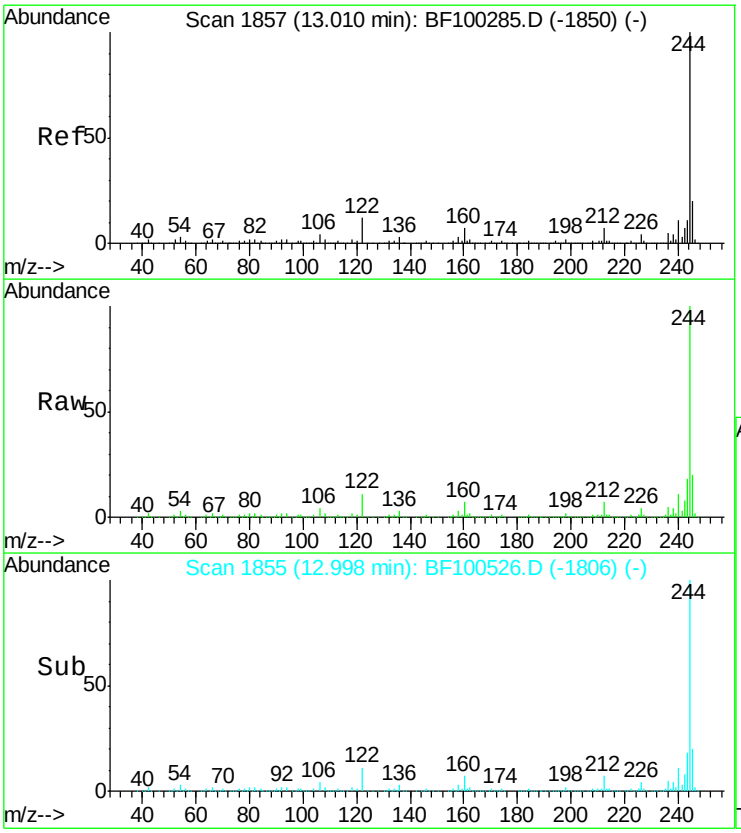
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF100526.D
Acq: 14 Nov 2017 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 262009

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	25.9	20.7	31.1

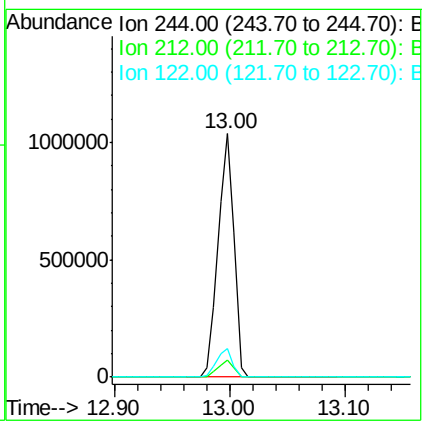


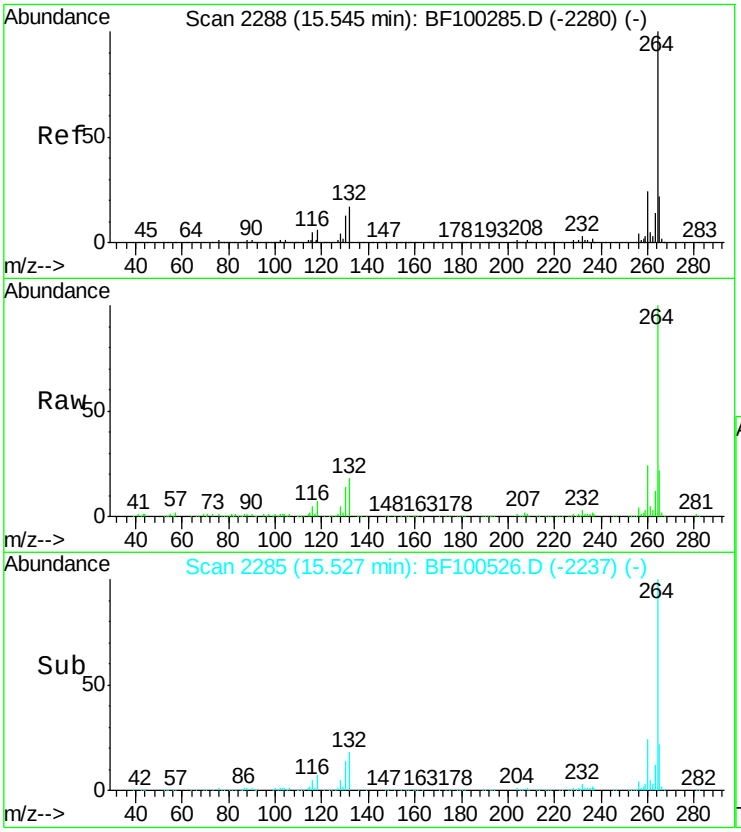


#78
Terphenyl-d14
Concen: 86.58 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF100526.D
Acq: 14 Nov 2017 5:53

Tgt Ion:244 Resp: 987223

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.5	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: BF100526.D
Acq: 14 Nov 2017 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 203149

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.9	17.5	26.3