Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100809.D
Acq On : 22 Nov 2017 5:06
Operator : SJ/JU
Sample : I6542-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 22 07:37:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	85500	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	322017	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	138924	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	223182	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	159994	20.00	ng	-0.01
86) Perylene-d12	15.51	264	142295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	227960	42.74	ng	0.00
7) Phenol-d6	6.49	99	170603	25.94	ng	-0.02
23) Nitrobenzene-d5	7.44	82	542511	111.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	124328	87.82	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1004426	110.09	ng	0.00
78) Terphenyl-d14	12.98	244	645780	92.74	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	71604	15.70	ng	# 81
25) Isophorone	7.44	82	542505	53.00	ng	# 64
47) 2-Nitroaniline	9.23	65	1267	3.25	ng	# 1
50) 2,6-Dinitrotoluene	9.91	165	17978	8.56	ng	# 25
56) 2,4-Dinitrotoluene	9.91	165	17978	6.79	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.70	198	119	8.66	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	7766	3.25	ng	# 1

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

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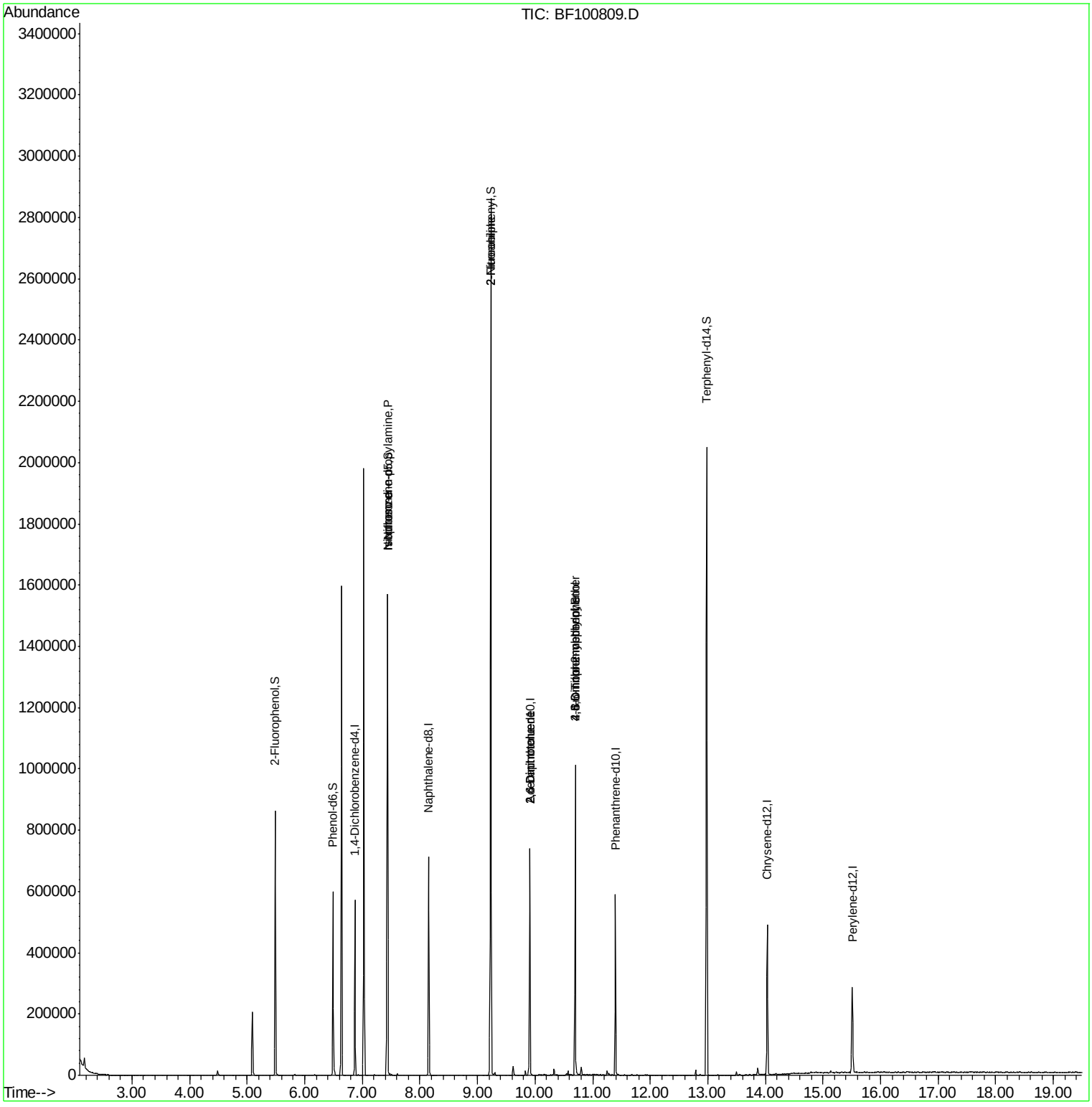
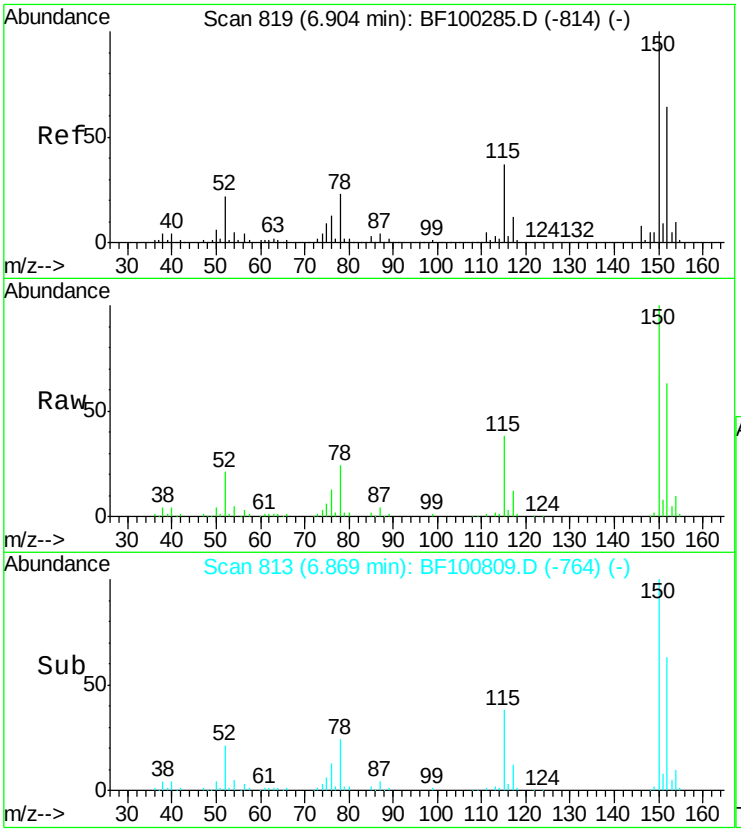
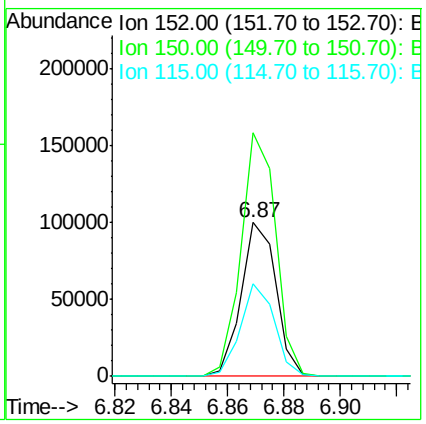




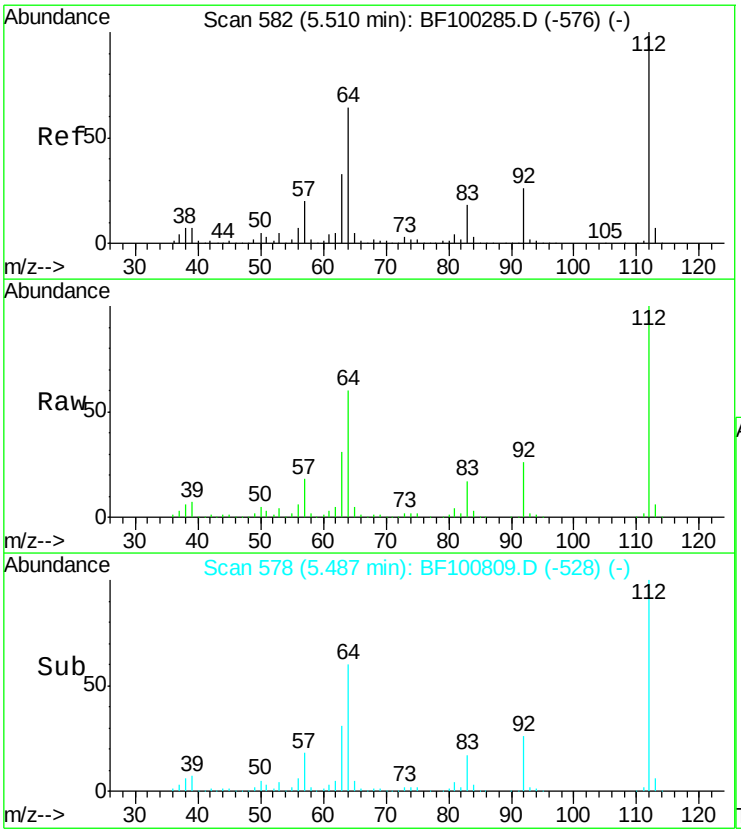
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100809.D
Acq: 22 Nov 2017 5:06

Tgt Ion:152 Resp: 85500

Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	60.6	50.1	75.1



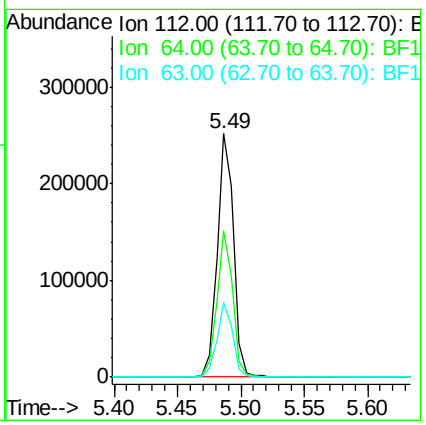
Instrument :
BNA_F
ClientSampleId :

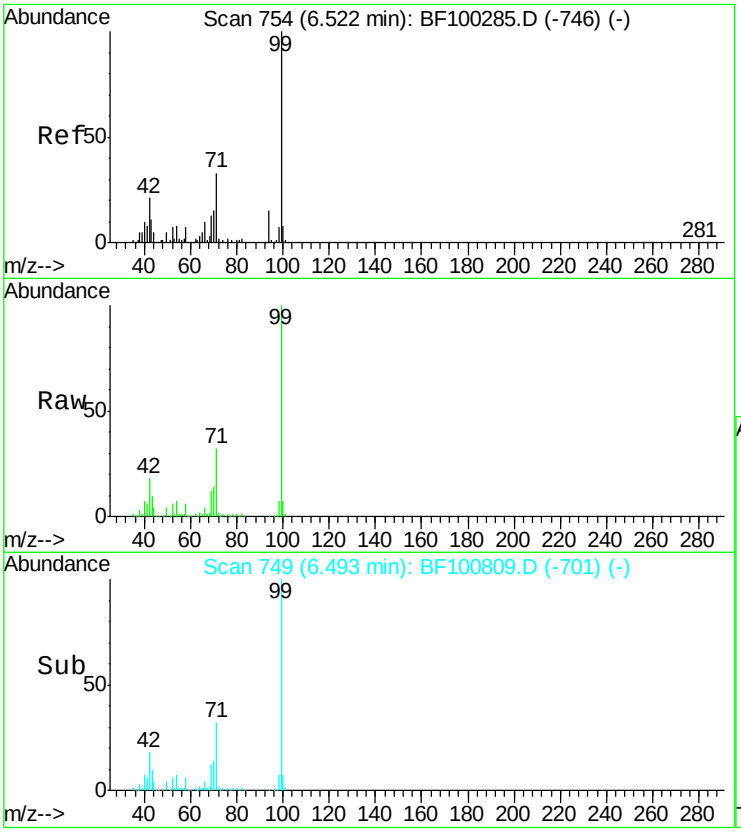


#5
2-Fluorophenol
Concen: 42.74 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100809.D
Acq: 22 Nov 2017 5:06

Tgt Ion:112 Resp: 227960

Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	30.7	23.7	35.5



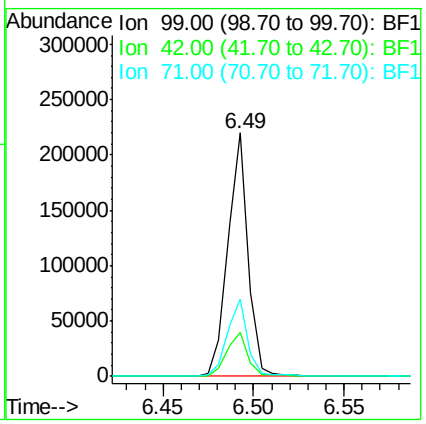


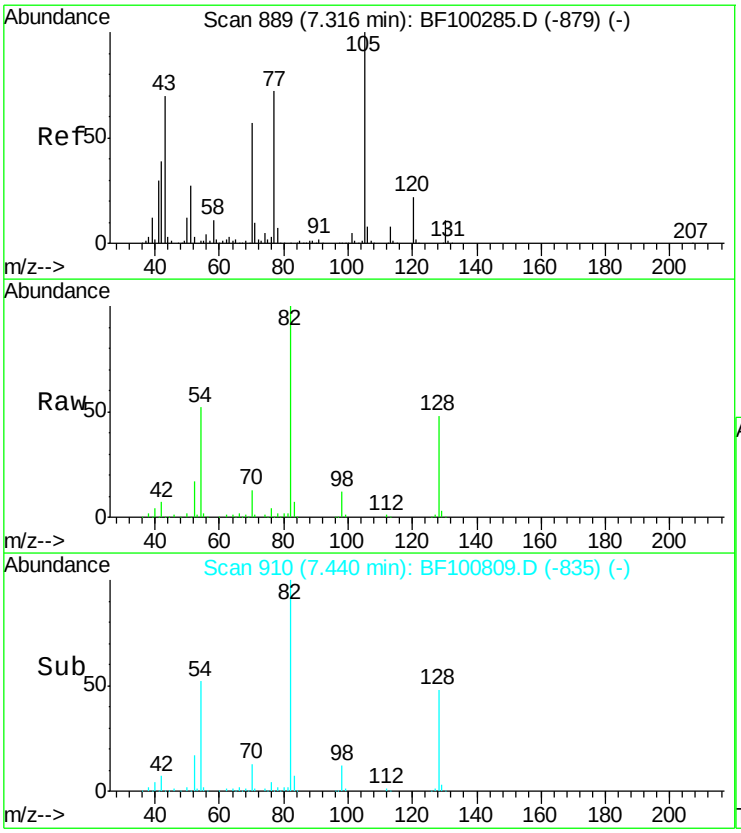
#7
Phenol-d6
Concen: 25.94 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF100809.D
Acq: 22 Nov 2017 5:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 170603

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	31.8	25.4	38.0

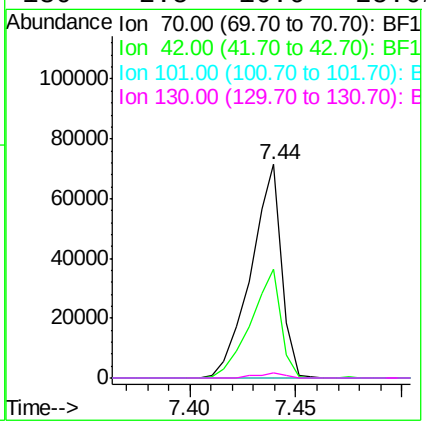


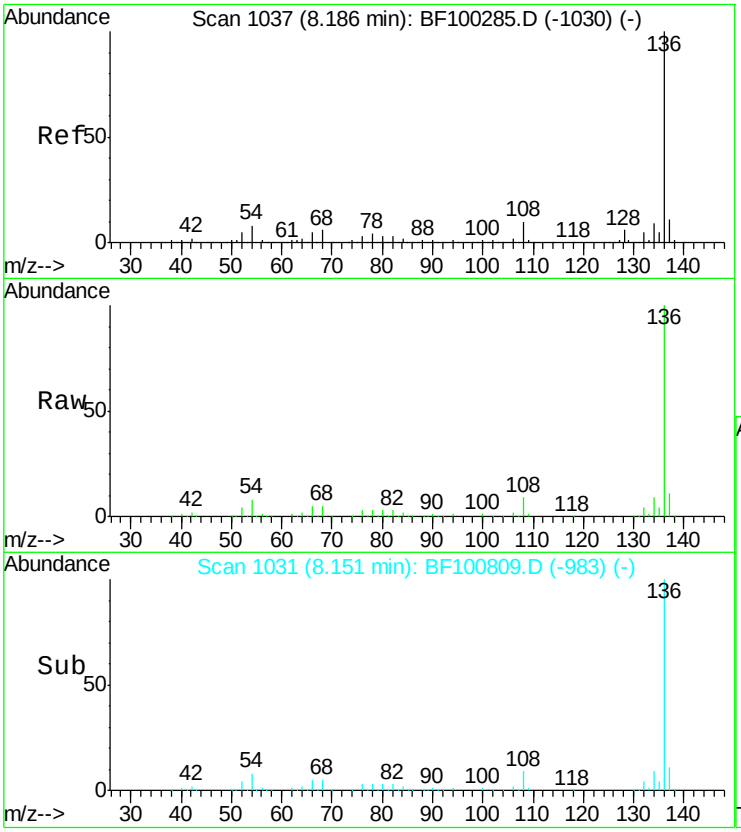


#19
n-Nitroso-di-n-propylamine
Concen: 15.70 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF100809.D
Acq: 22 Nov 2017 5:06

Tgt Ion: 70 Resp: 71604

Ion	Ratio	Lower	Upper
70	100		
42	50.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



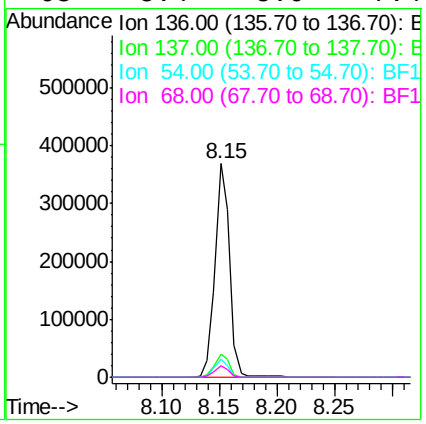


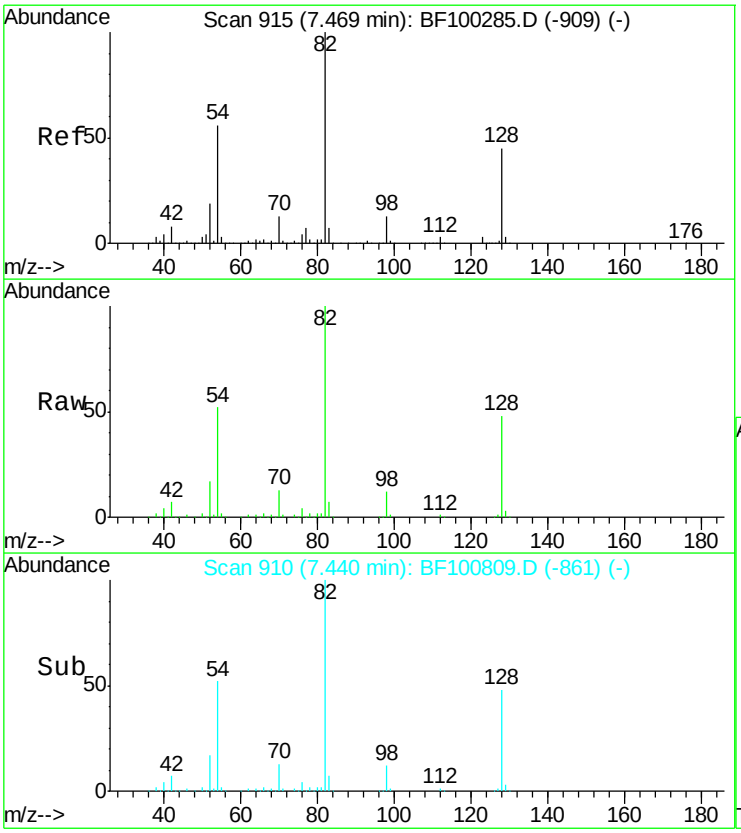
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100809.D
Acq: 22 Nov 2017 5:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 322017

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.2	6.6	9.8
68	5.4	5.0	7.4

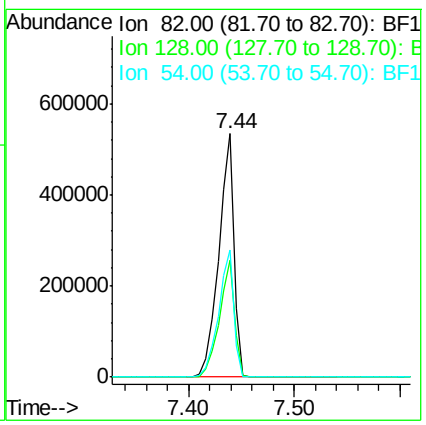


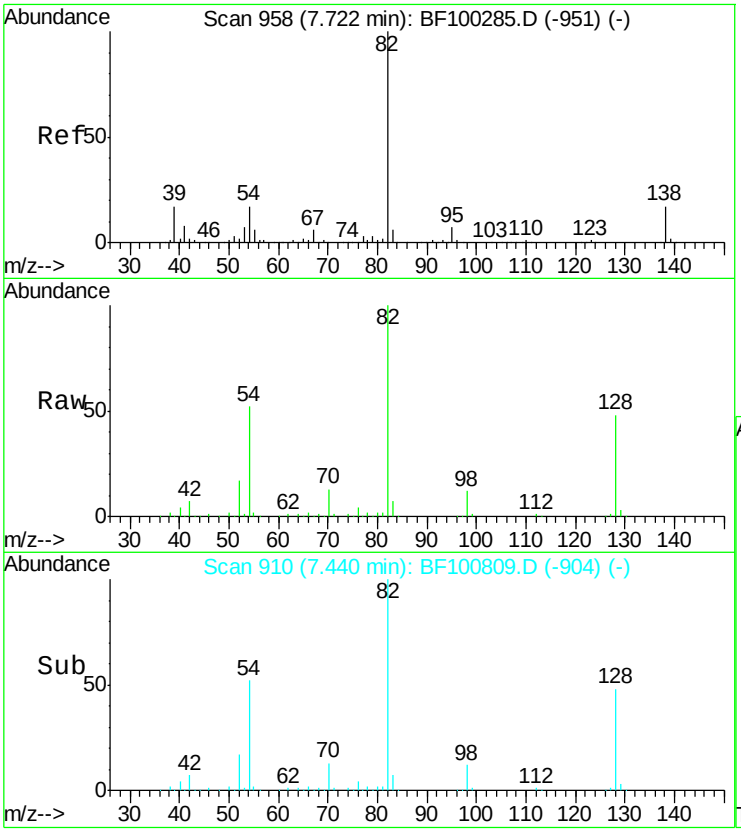


#23
Nitrobenzene-d5
Concen: 111.38 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100809.D
Acq: 22 Nov 2017 5:06

Tgt Ion: 82 Resp: 542511

Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	52.4	41.4	62.2



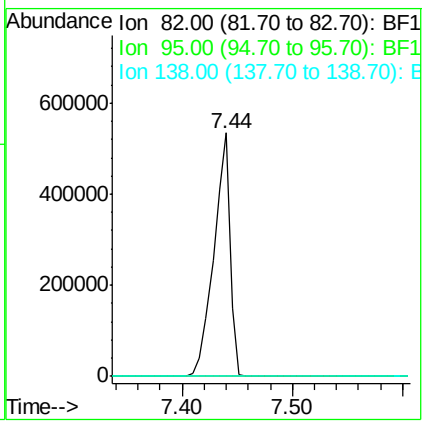


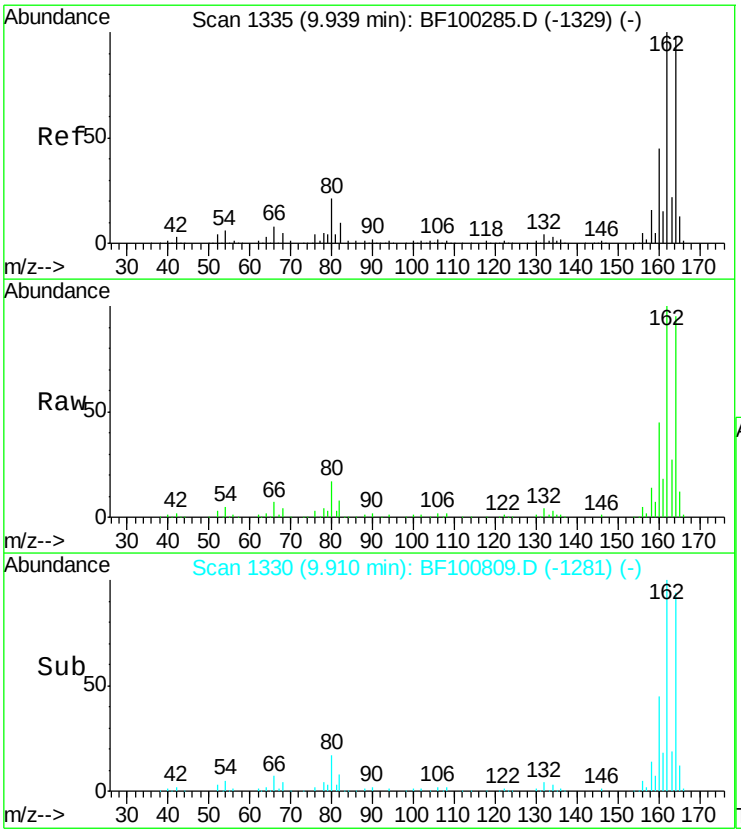
#25
Isophorone
Concen: 53.00 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF100809.D
Acq: 22 Nov 2017 5:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 542505

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

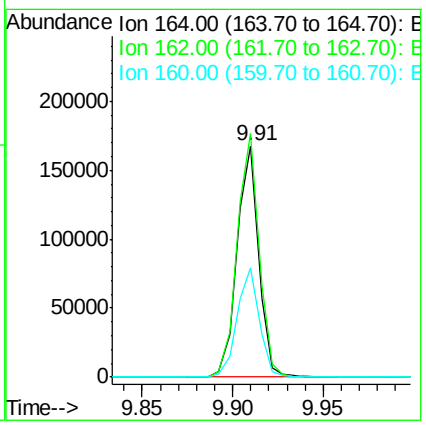


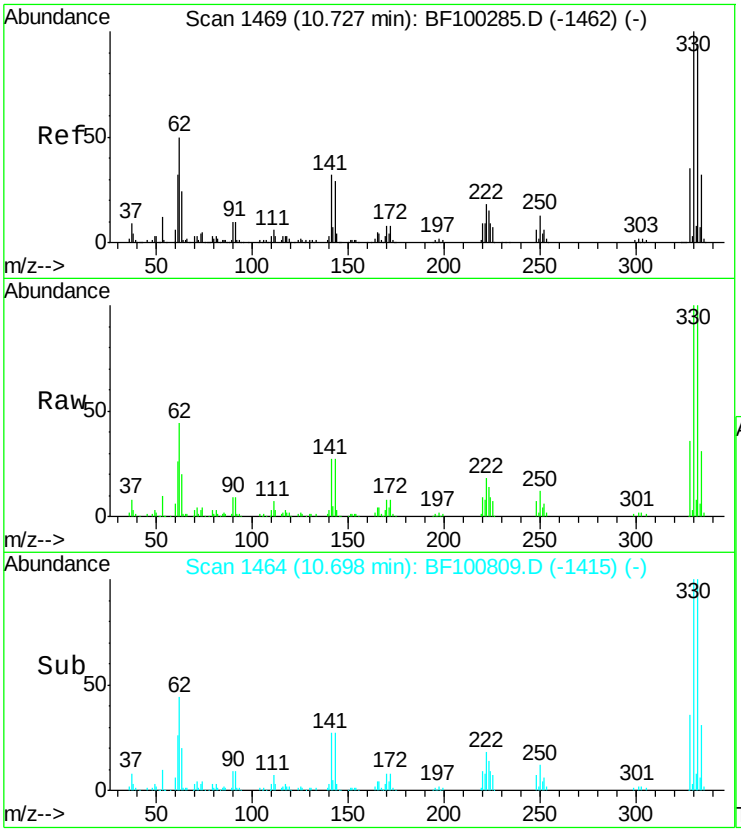


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100809.D
Acq: 22 Nov 2017 5:06

Tgt Ion:164 Resp: 138924

Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	47.3	38.3	57.5



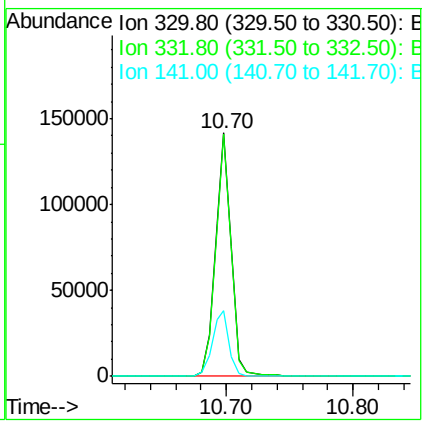


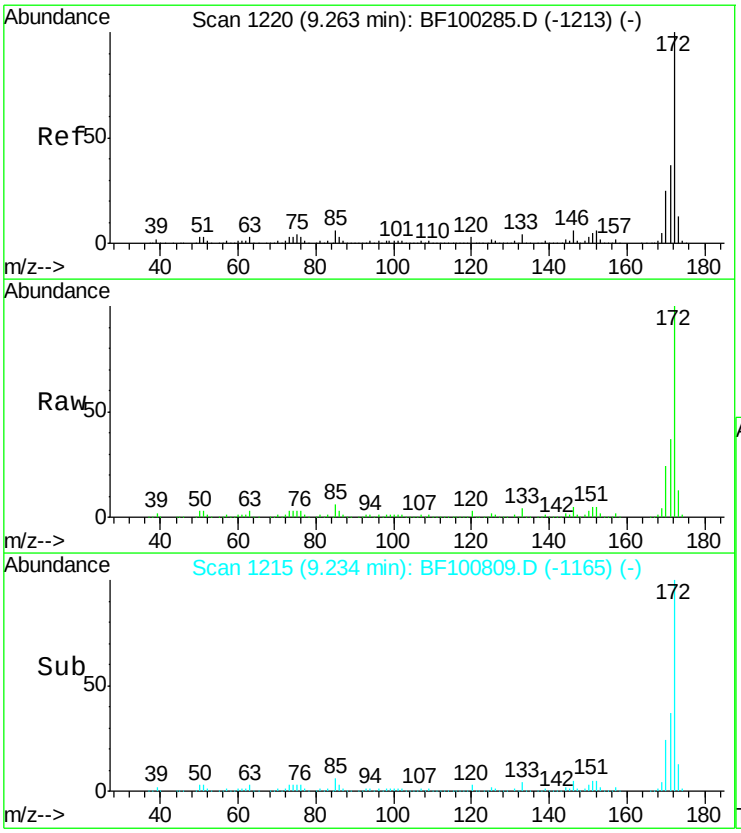
#41
2,4,6-Tribromophenol
Concen: 87.82 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100809.D
Acq: 22 Nov 2017 5:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 124328

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	28.3	29.9	44.9#

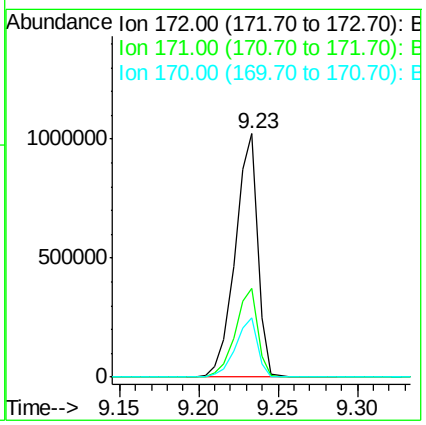


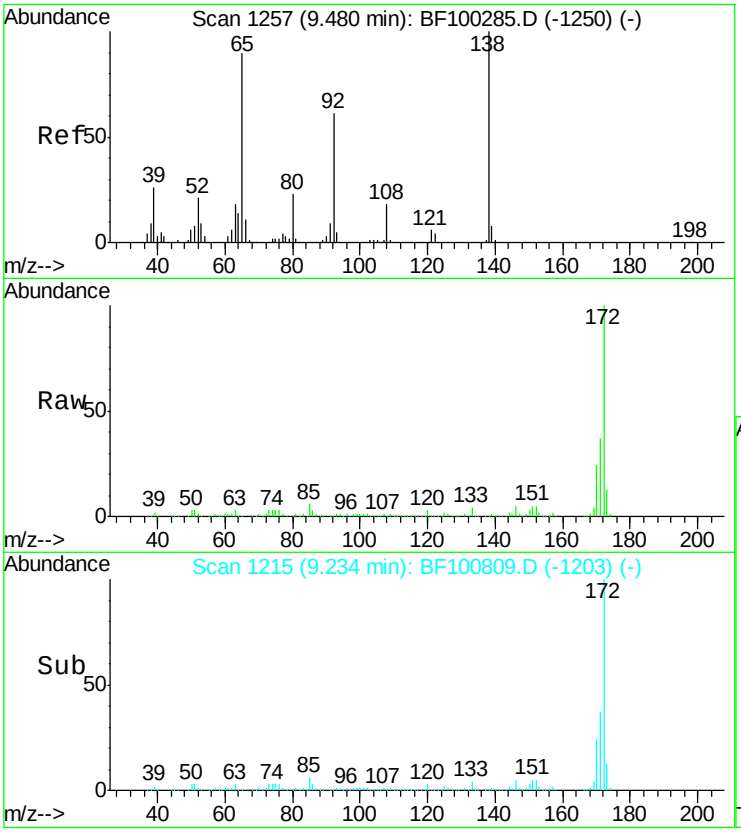


#44
2-Fluorobiphenyl
Concen: 110.09 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF100809.D
Acq: 22 Nov 2017 5:06

Tgt Ion:172 Resp: 1004426

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.1	19.6	29.4



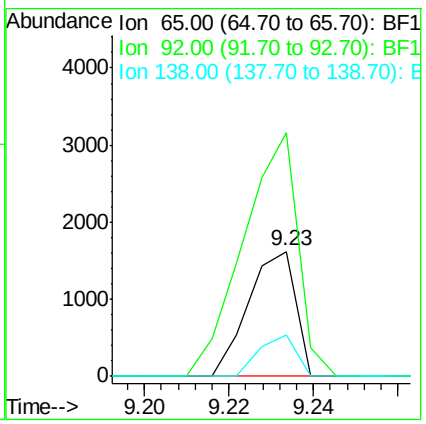


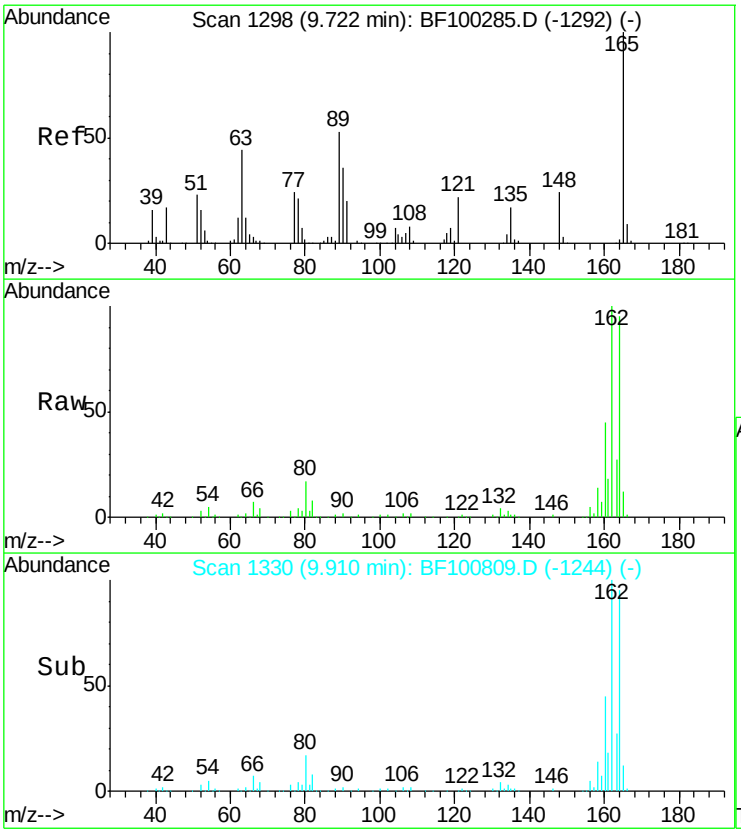
#47
2-Nitroaniline
Concen: 3.25 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.23 min
Lab File: BF100809.D
Acq: 22 Nov 2017 5:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 1267

Ion	Ratio	Lower	Upper
65	100		
92	195.5	55.8	83.6#
138	32.8	91.2	136.8#

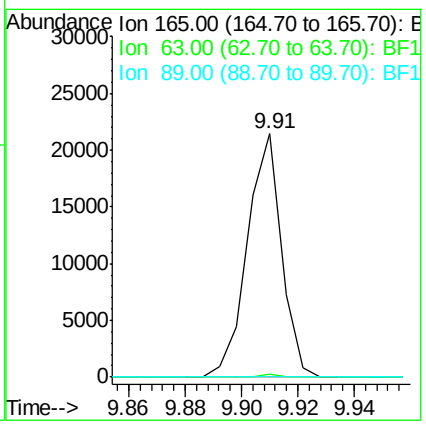


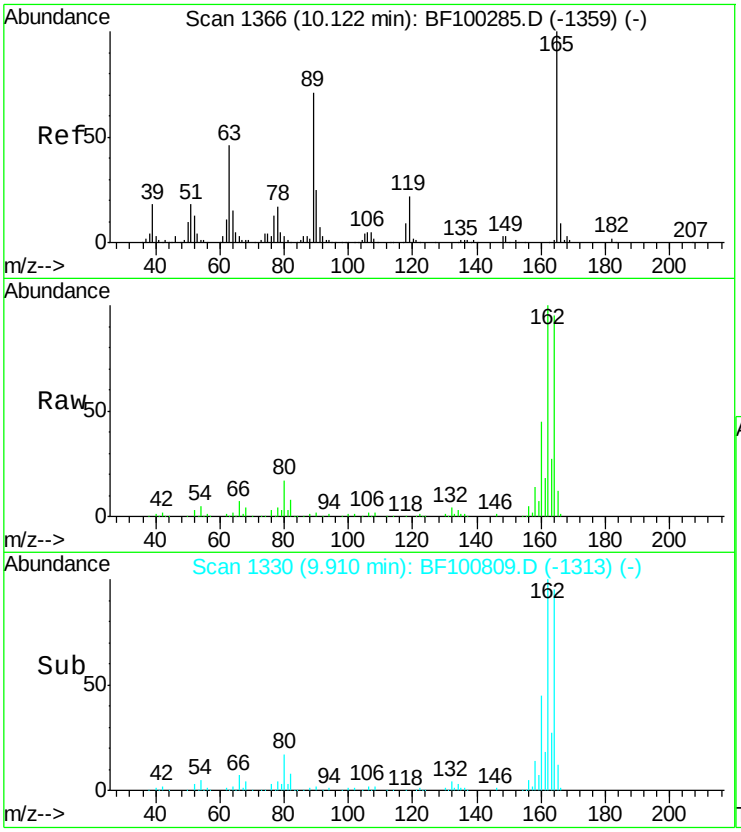


#50
2,6-Dinitrotoluene
Concen: 8.56 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF100809.D
Acq: 22 Nov 2017 5:06

Tgt Ion:165 Resp: 17978

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	0.0	44.0	66.0#



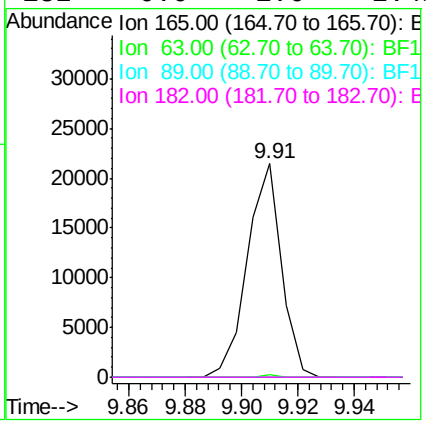


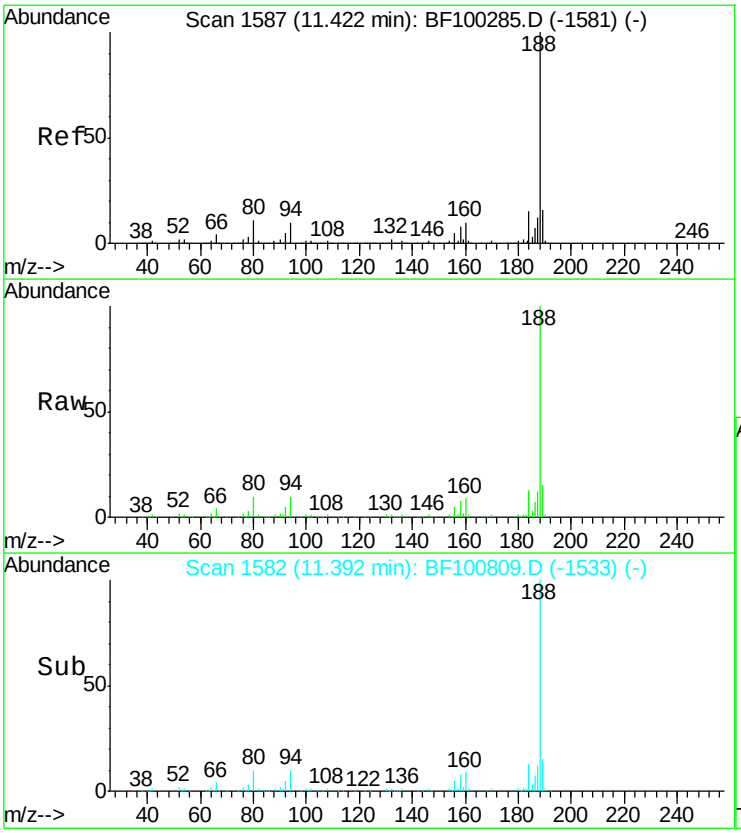
#56
2,4-Dinitrotoluene
Concen: 6.79 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF100809.D
Acq: 22 Nov 2017 5:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 17978

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

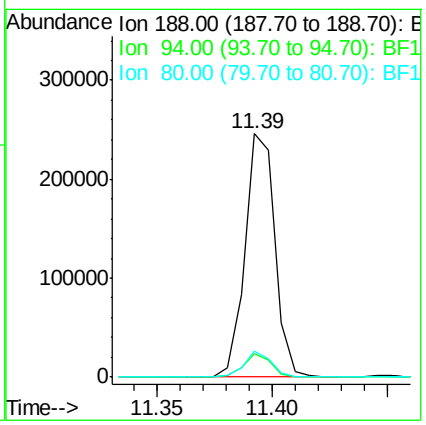


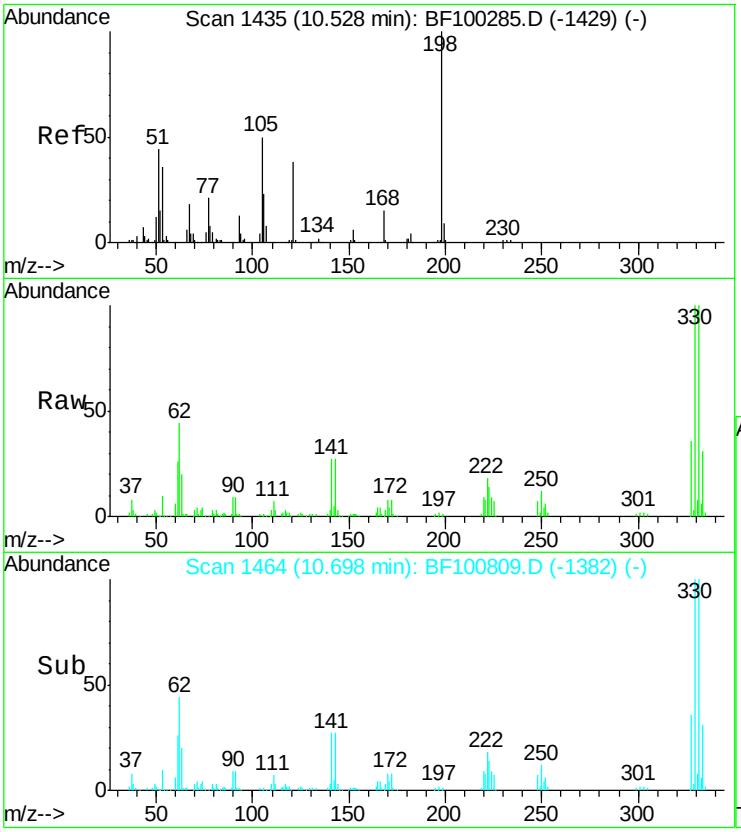


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100809.D
Acq: 22 Nov 2017 5:06

Tgt Ion:188 Resp: 223182

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.4	9.2	13.8



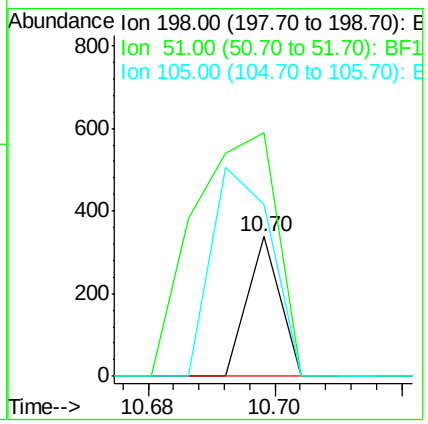


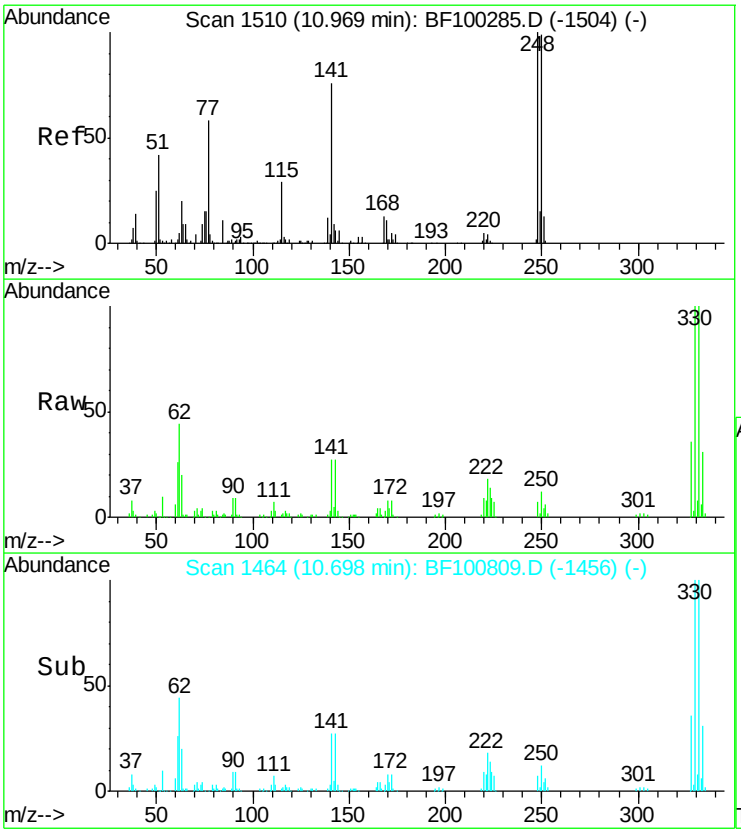
#64
4,6-Dinitro-2-methylphenol
Concen: 8.66 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.18 min
Lab File: BF100809.D
Acq: 22 Nov 2017 5:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 119

Ion	Ratio	Lower	Upper
198	100		
51	174.8	37.7	77.7#
105	123.4	36.3	76.3#

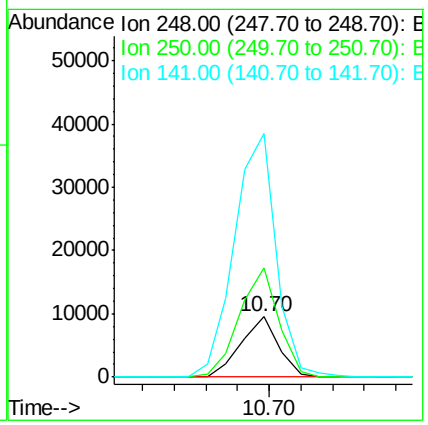


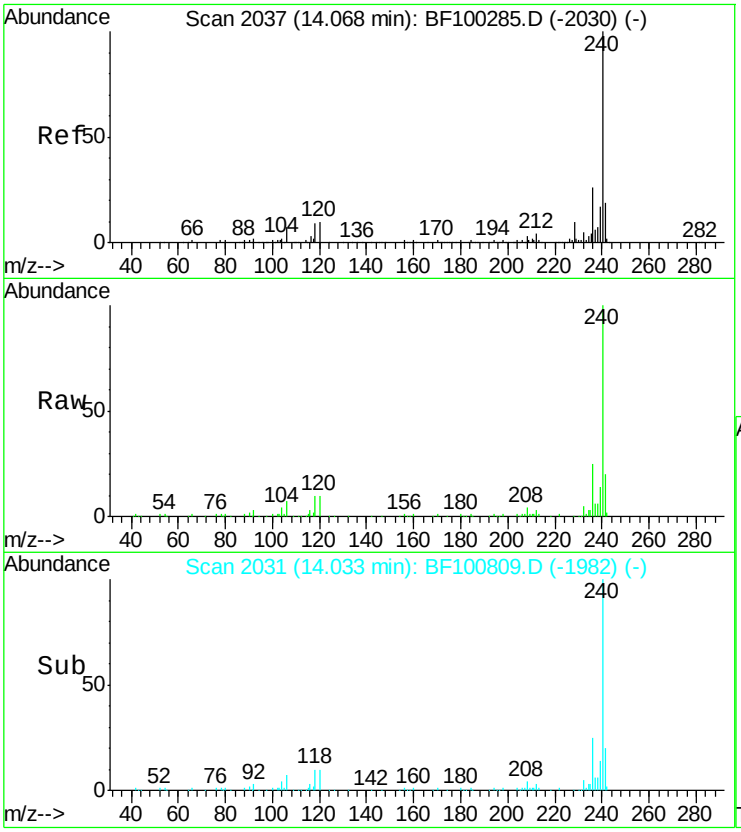


#66
4-Bromophenyl-phenylether
Concen: 3.25 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF100809.D
Acq: 22 Nov 2017 5:06

Tgt Ion:248 Resp: 7766

Ion	Ratio	Lower	Upper
248	100		
250	181.1	76.9	115.3#
141	403.0	74.4	111.6#



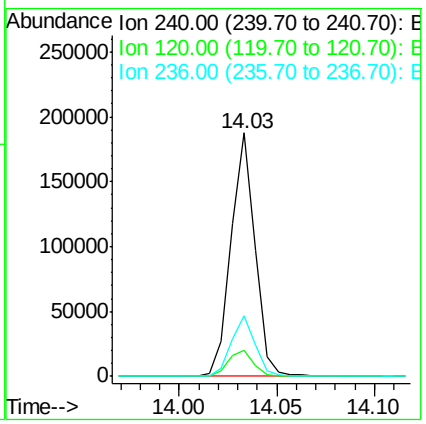


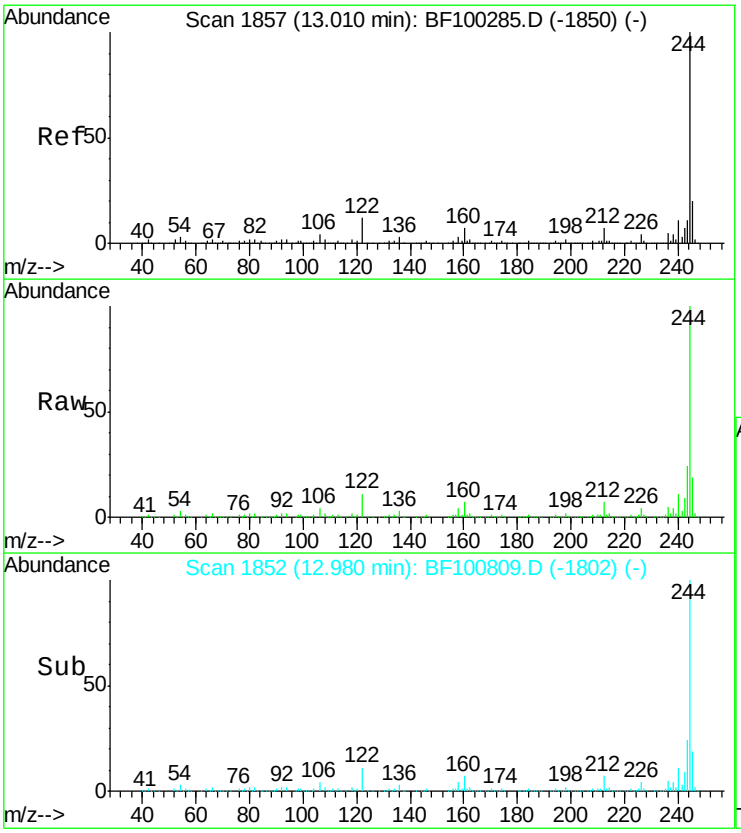
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100809.D
Acq: 22 Nov 2017 5:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 159994

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	25.0	20.7	31.1

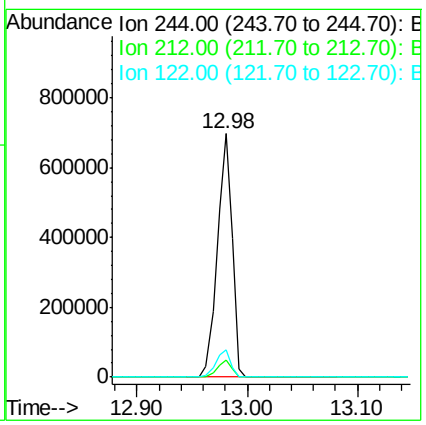


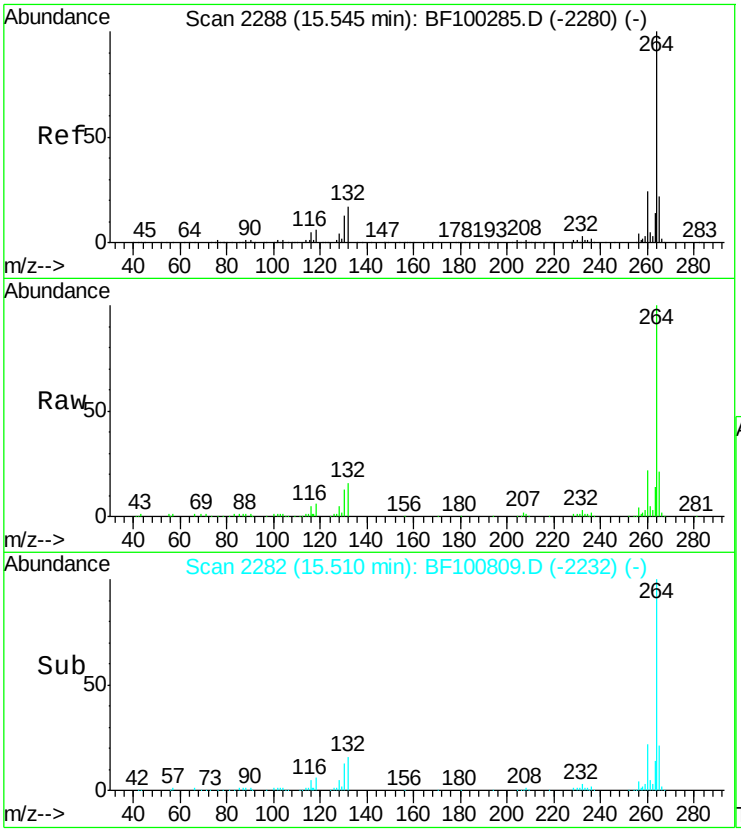


#78
Terphenyl-d14
Concen: 92.74 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100809.D
Acq: 22 Nov 2017 5:06

Tgt Ion:244 Resp: 645780

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.4	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100809.D
Acq: 22 Nov 2017 5:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 142295

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	21.3	17.5	26.3