Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111717\

Quantitation Report (Not Reviewed)

Data File : BF100721.D
Acq On : 18 Nov 2017 14:24
Operator : SJ/JU
Sample : I6521-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-(0-12)

Quant Time: Nov 20 00:13:44 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	6.88	152	97929	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	389735	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	167675	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	291332	20.00	ng		0.00
75) Chrysene-d12	14.04	240	220631	20.00	ng		0.00
86) Perylene-d12	15.52	264	193164	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	590107	96.59	ng		0.02
7) Phenol-d6	6.51	99	616637	81.85	ng		0.00
23) Nitrobenzene-d5	7.45	82	512021	86.86	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	199132	116.55	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1005776	91.34	ng		0.00
78) Terphenyl-d14	12.99	244	836304	87.09	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.66	77	13645	2.54	ng		83
19) n-Nitroso-di-n-propylamine	7.45	70	67219	12.87	ng	#	79
25) Isophorone	7.45	82	512012	41.33	ng	#	64
31) Naphthalene	8.18	128	42702	2.27	ng		99
47) 2-Nitroaniline	9.24	65	1300	3.18	ng	#	1
50) 2,6-Dinitrotoluene	9.92	165	21990	8.68	ng	#	25
56) 2,4-Dinitrotoluene	9.92	165	21990	6.88	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	435	8.81	ng	#	2
66) 4-Bromophenyl-phenylether	10.71	248	12263	3.93	ng	#	1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111717\

Quantitation Report (Not Reviewed)

Data File : BF100721.D
Acq On : 18 Nov 2017 14:24
Operator : SJ/JU
Sample : I6521-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Quant Time: Nov 20 00:13:44 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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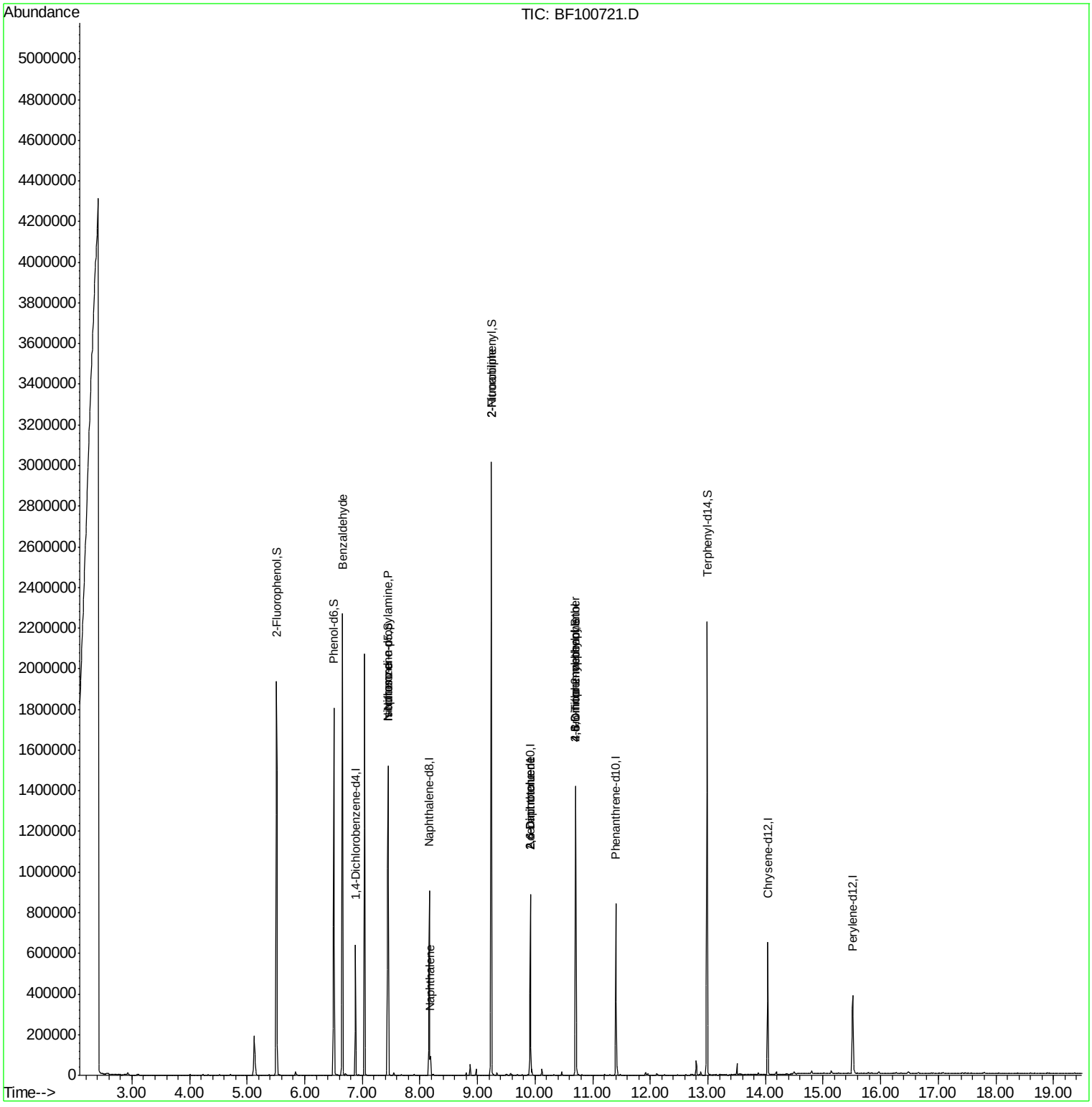
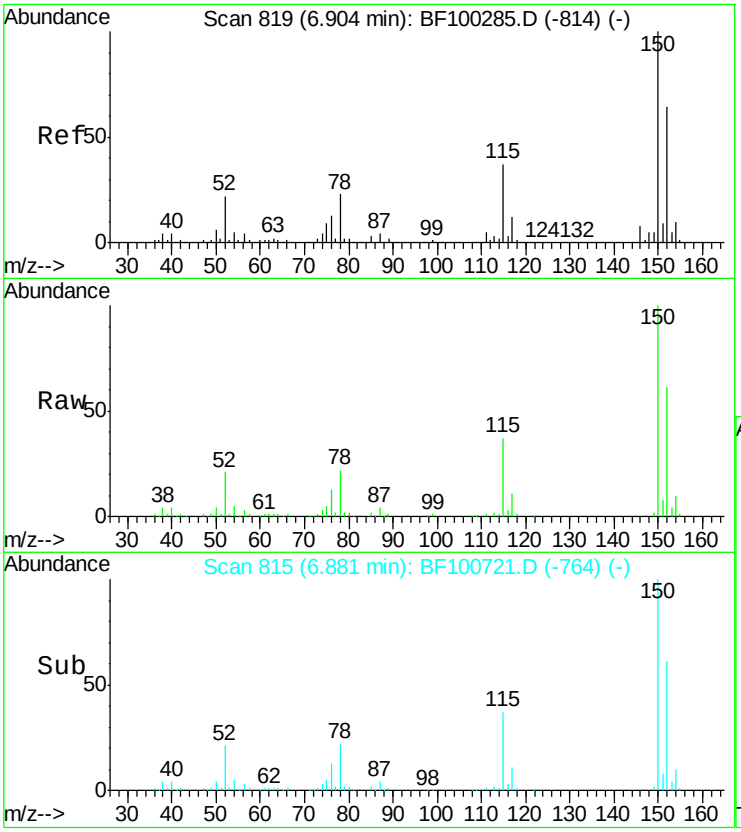


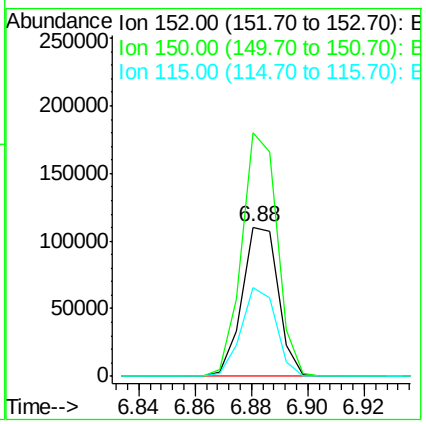


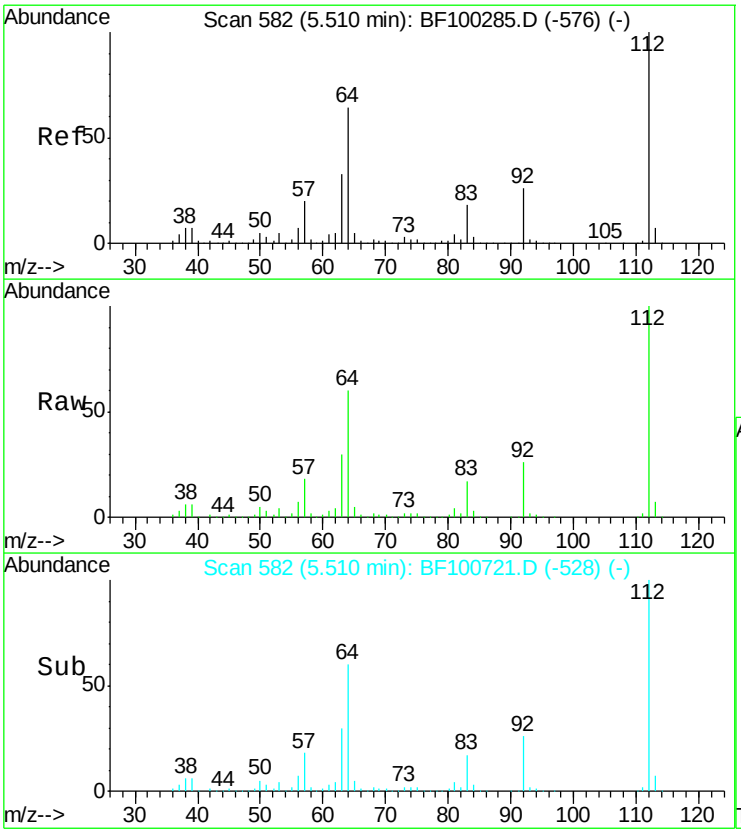
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion:152 Resp: 97929

Ion	Ratio	Lower	Upper
152	100		
150	163.0	124.6	186.8
115	59.7	50.1	75.1

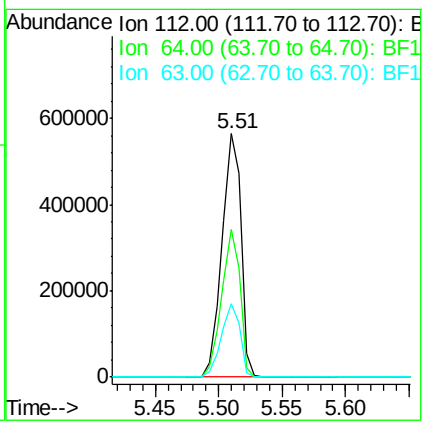


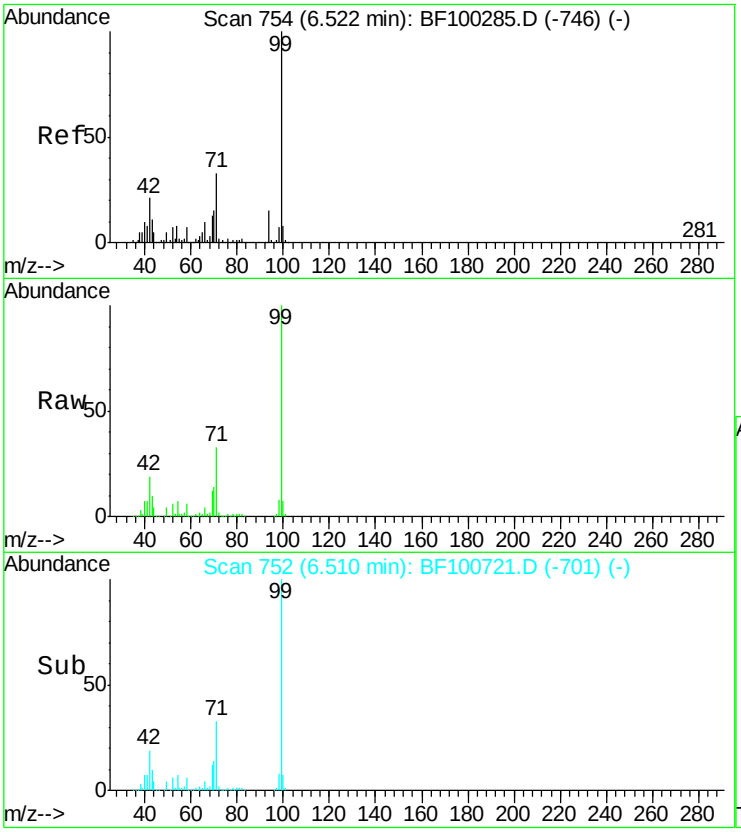


#5
2-Fluorophenol
Concen: 96.59 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Tgt Ion:112 Resp: 590107

Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	30.0	23.7	35.5



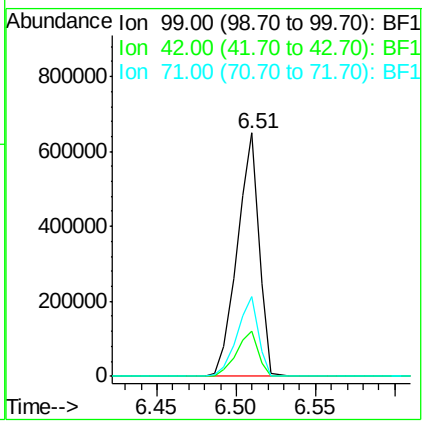


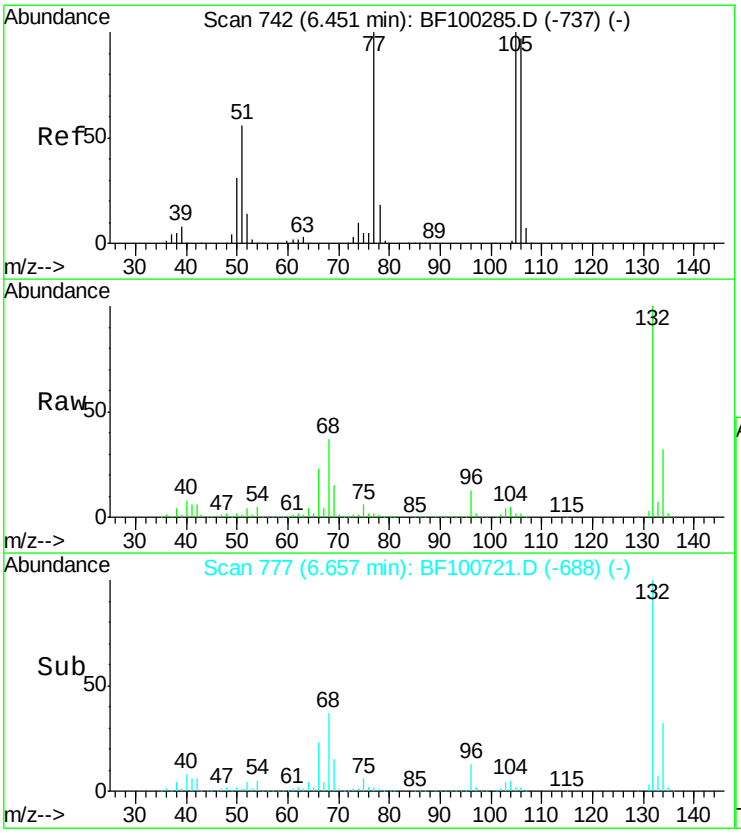
#7
Phenol-d6
Concen: 81.85 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion: 99 Resp: 616637

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	32.7	25.4	38.0

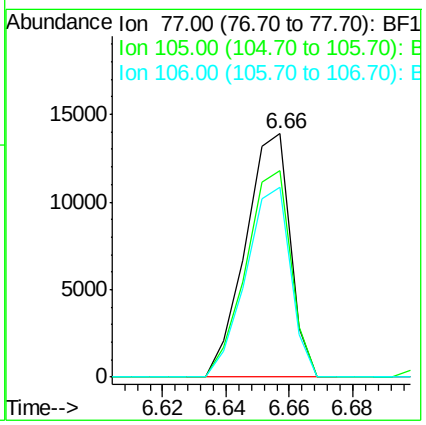


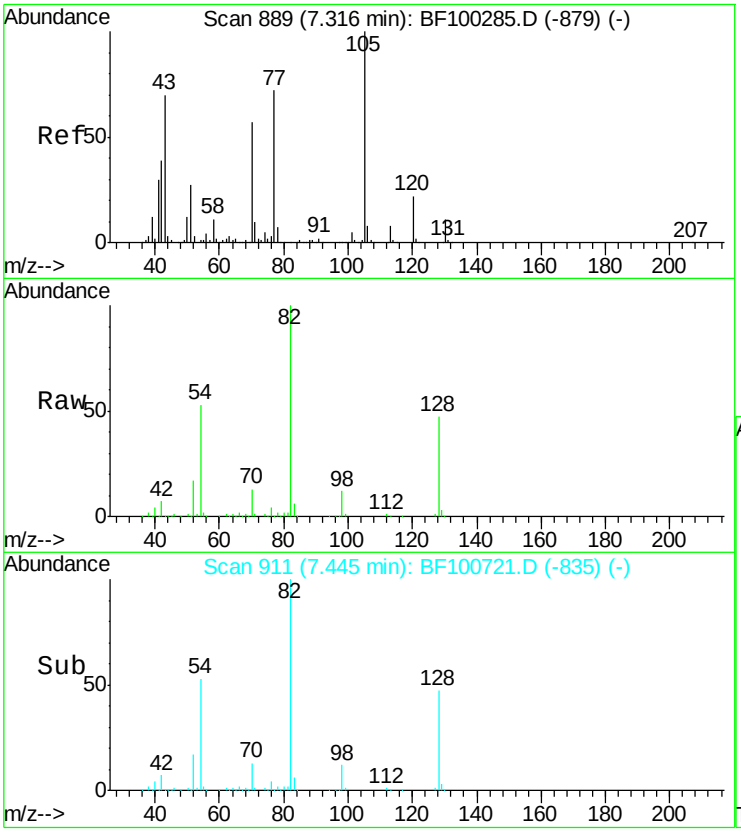


#9
Benzaldehyde
Concen: 2.54 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.22 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Tgt Ion: 77 Resp: 13645

Ion	Ratio	Lower	Upper
77	100		
105	85.0	81.1	121.1
106	77.8	74.5	114.5



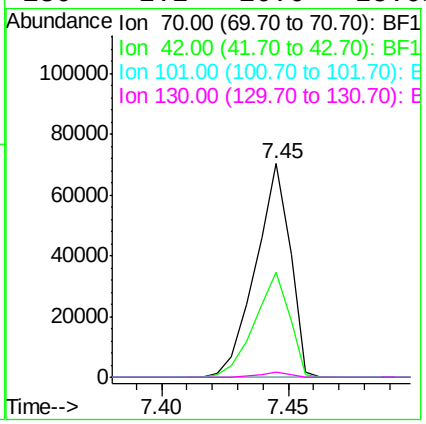


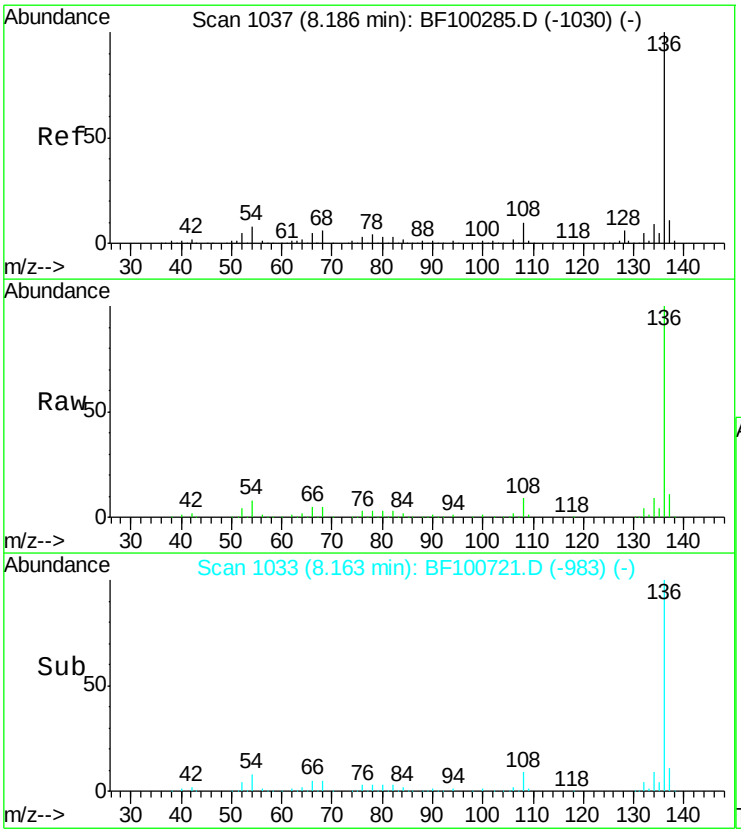
#19
n-Nitroso-di-n-propylamine
Concen: 12.87 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion: 70 Resp: 67219

Ion	Ratio	Lower	Upper
70	100		
42	49.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

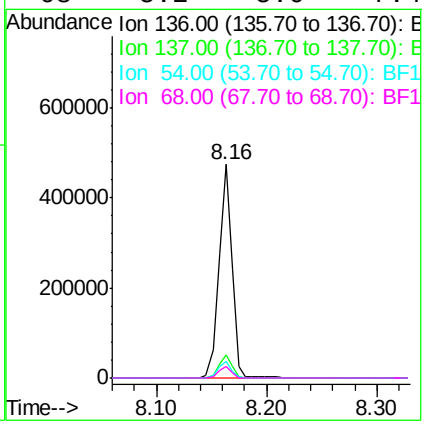


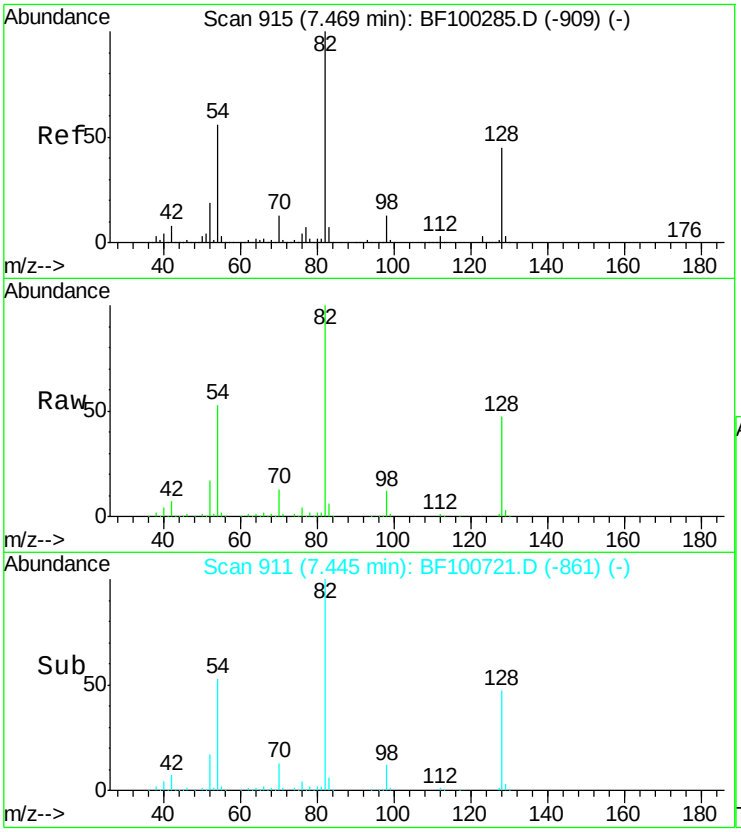


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Tgt Ion:136 Resp: 389735

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.7	6.6	9.8
68	5.2	5.0	7.4



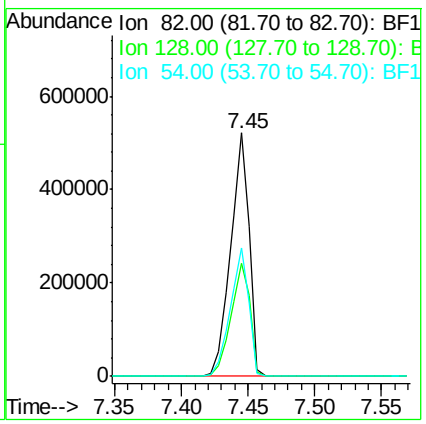


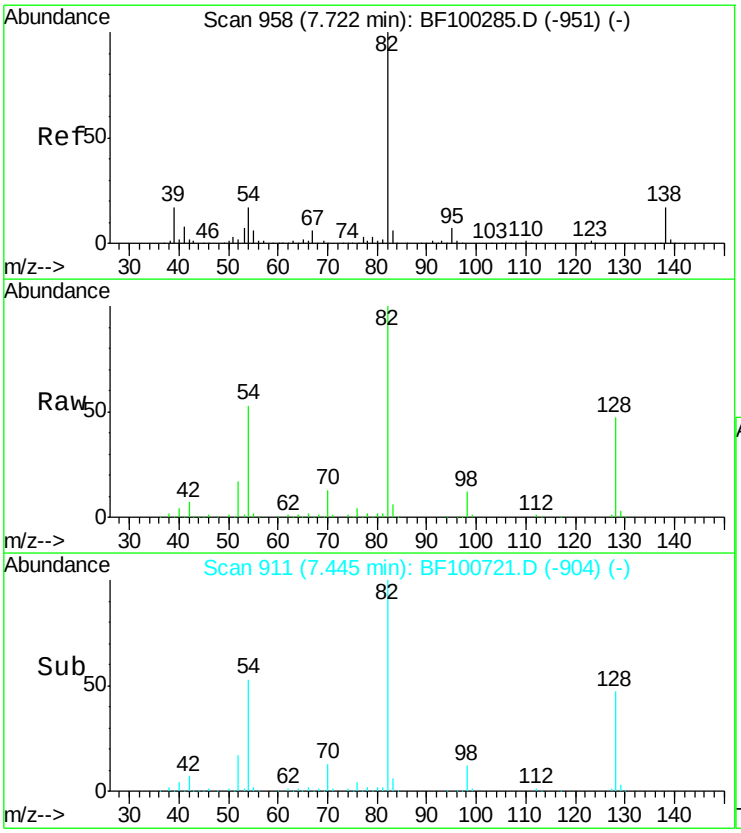
#23
Nitrobenzene-d5
Concen: 86.86 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion: 82 Resp: 512021

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	52.8	41.4	62.2

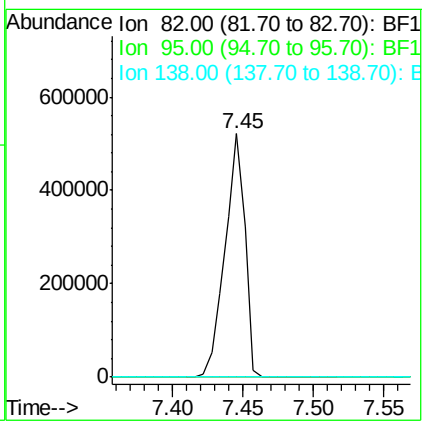


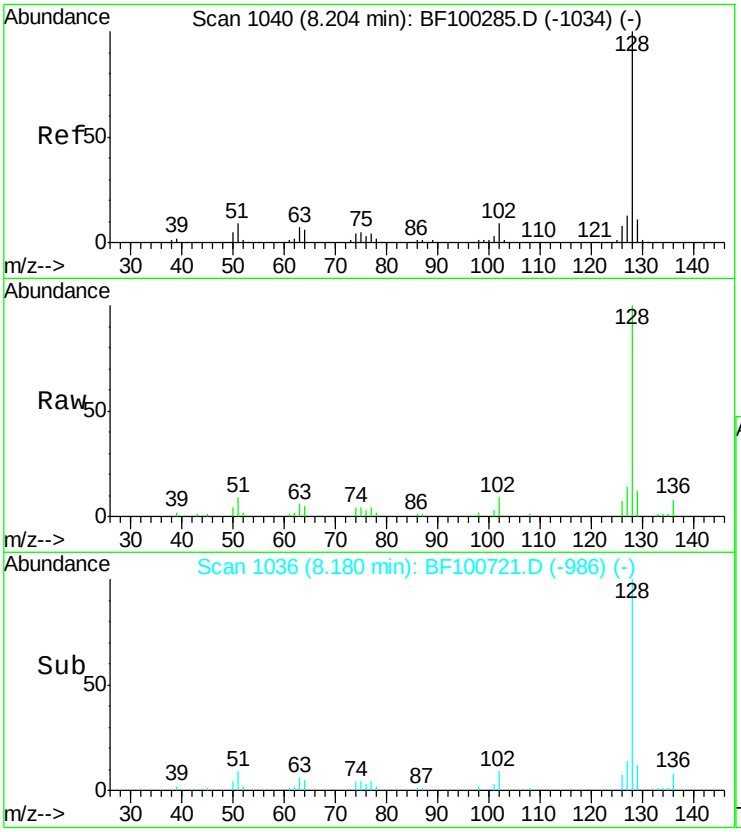


#25
Isophorone
Concen: 41.33 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Tgt Ion: 82 Resp: 512012

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



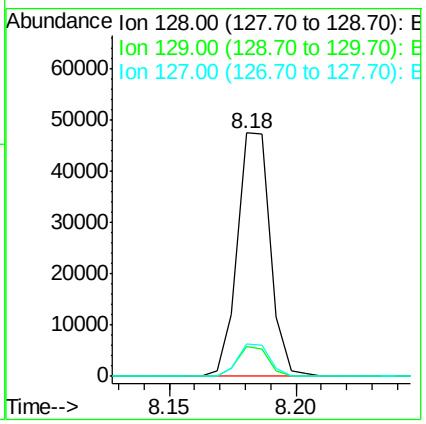


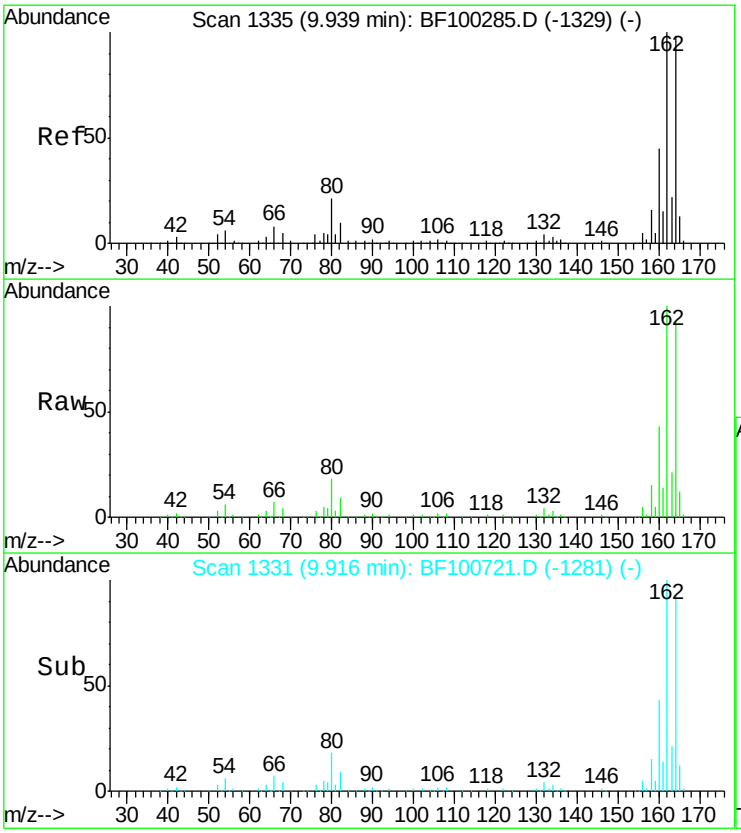
#31
Naphthalene
Concen: 2.27 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion:128 Resp: 42702

Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.8	13.2
127	13.6	10.9	16.3

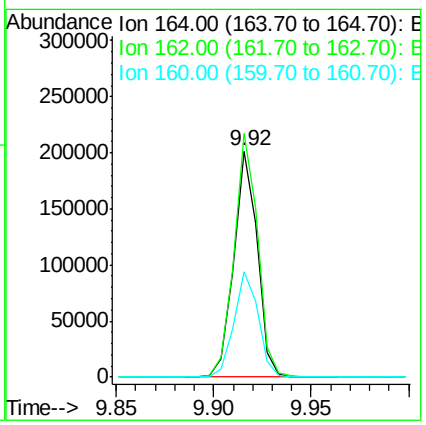


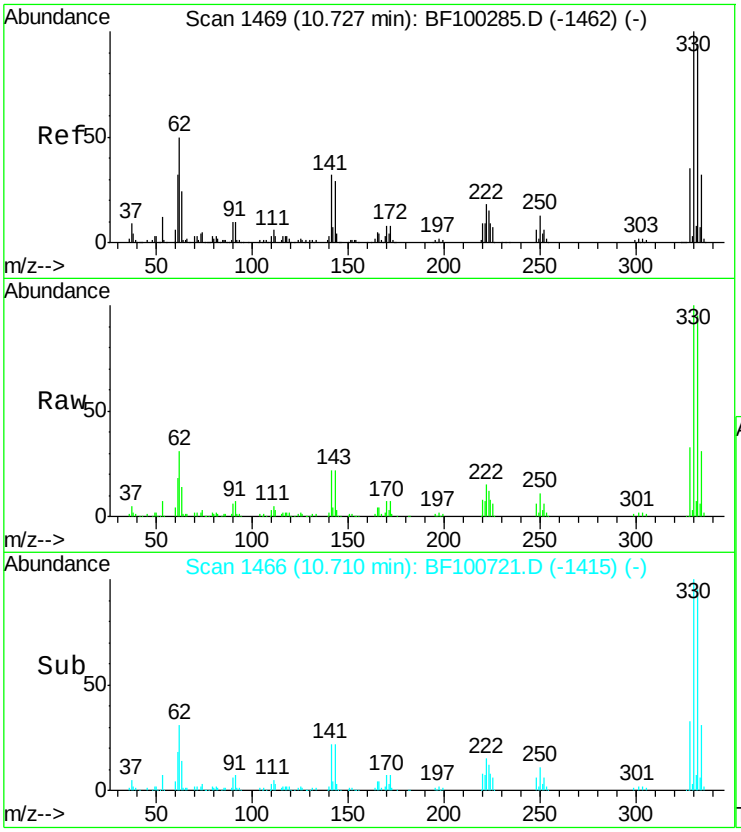


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Tgt Ion:164 Resp: 167675

Ion	Ratio	Lower	Upper
164	100		
162	107.9	86.1	129.1
160	46.7	38.3	57.5



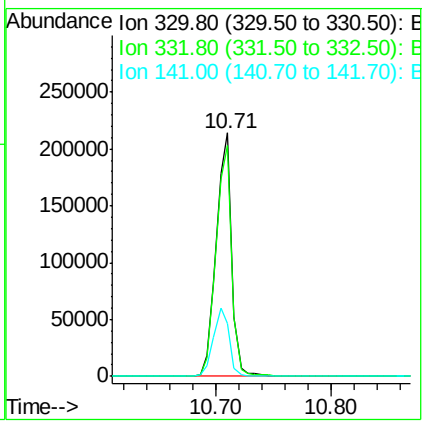


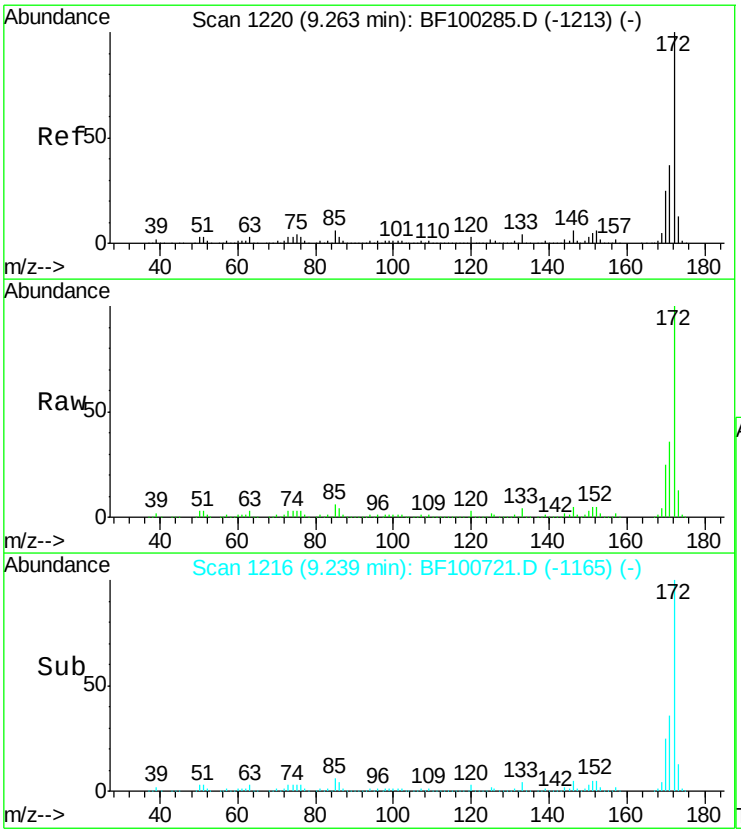
#41
2,4,6-Tribromophenol
Concen: 116.55 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion:330 Resp: 199132

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	28.4	29.9	44.9#

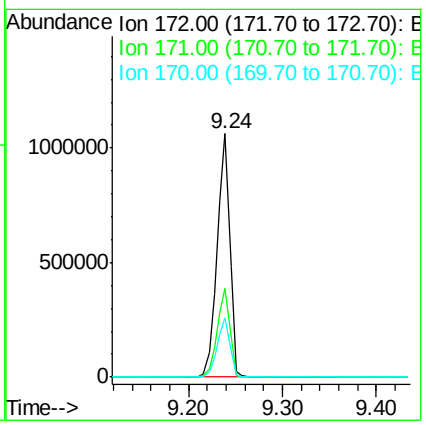


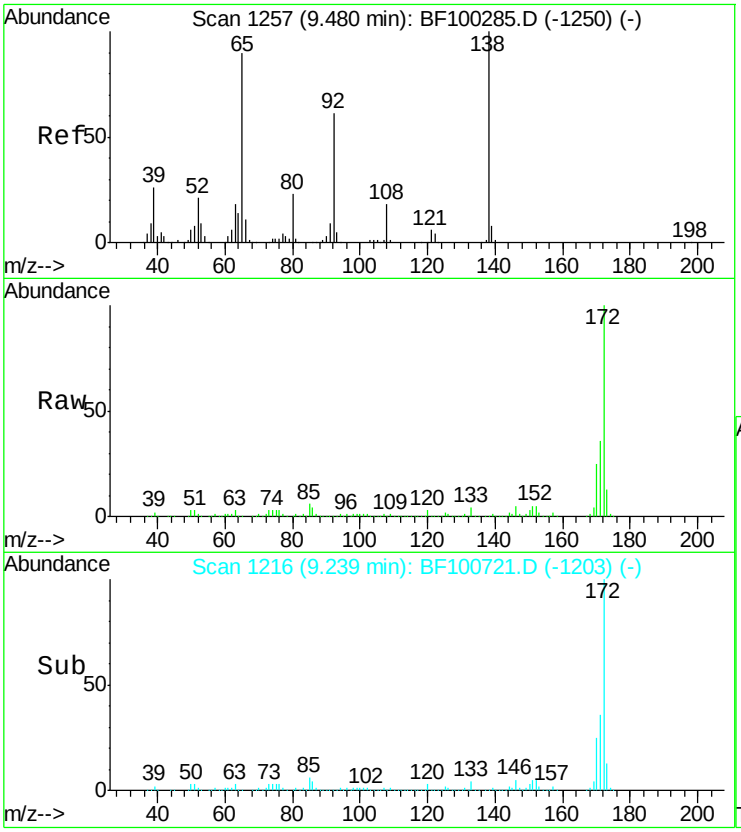


#44
2-Fluorobiphenyl
Concen: 91.34 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Tgt Ion:172 Resp: 1005776

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.5	19.6	29.4



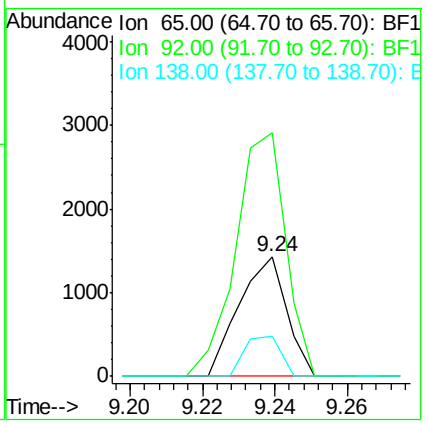


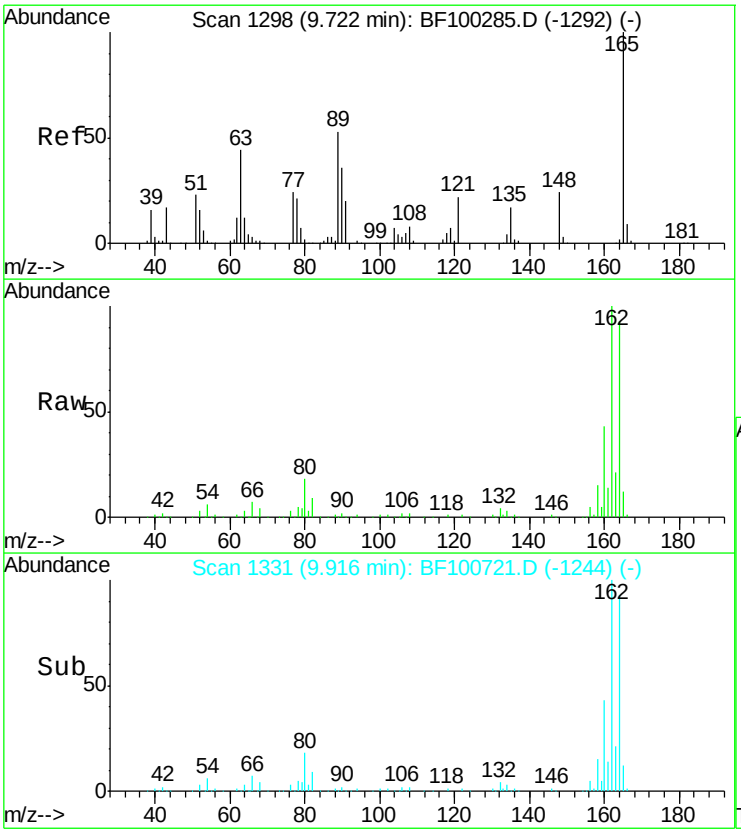
#47
2-Nitroaniline
Concen: 3.18 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.22 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion: 65 Resp: 1300

Ion	Ratio	Lower	Upper
65	100		
92	203.7	55.8	83.6#
138	33.2	91.2	136.8#

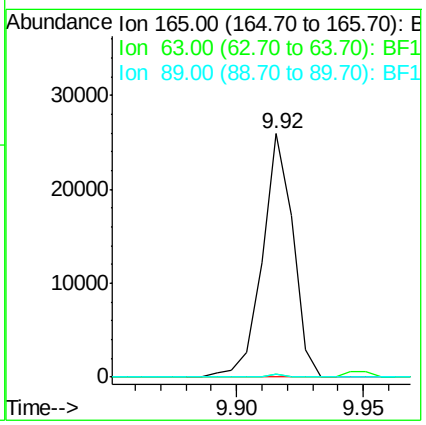


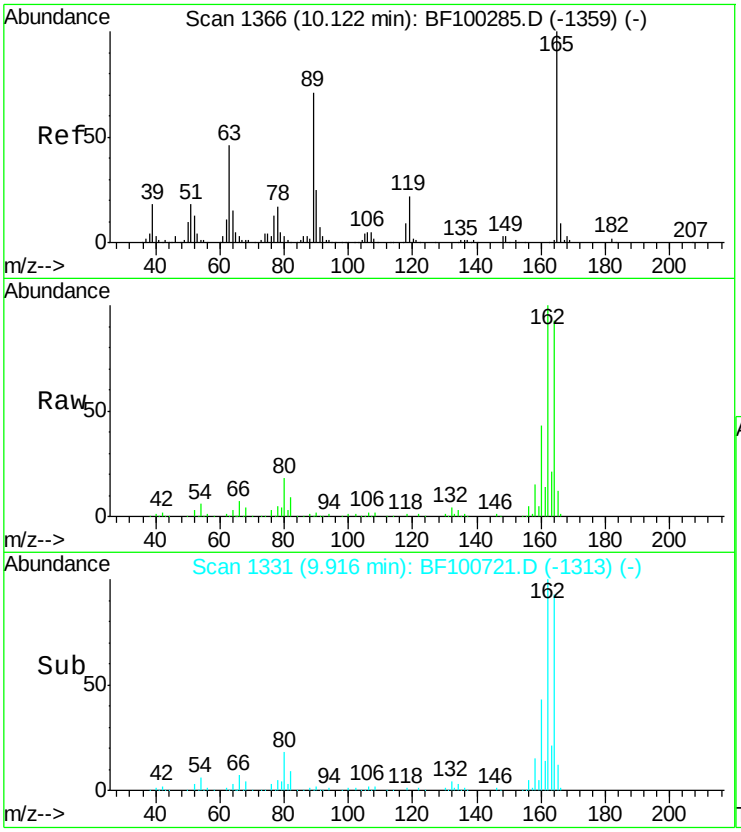


#50
2,6-Dinitrotoluene
Concen: 8.68 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Tgt Ion:165 Resp: 21990

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.5	44.0	66.0#



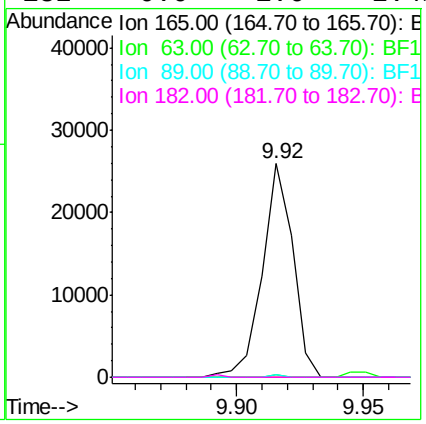


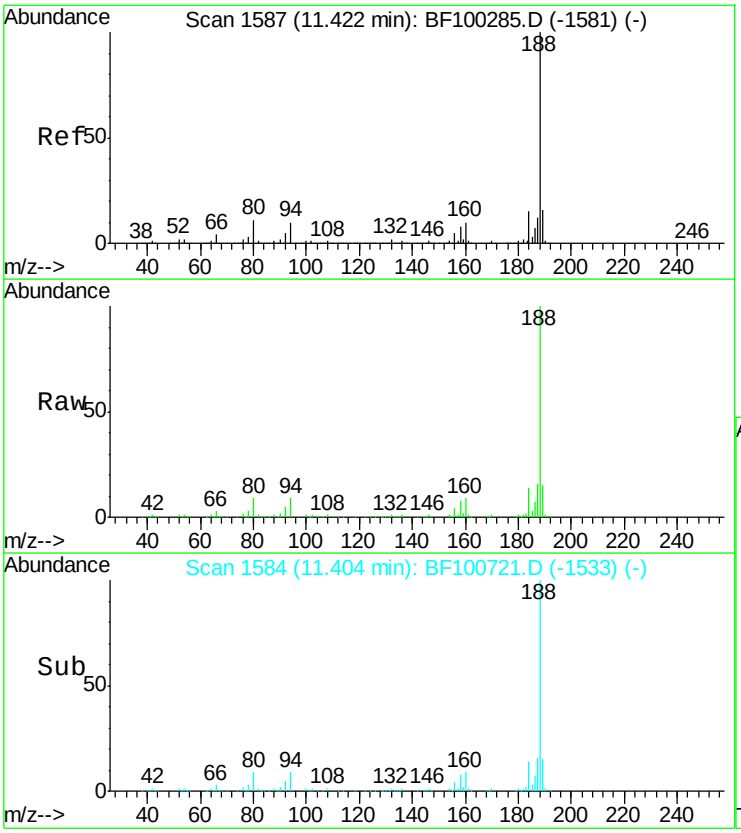
#56
2,4-Dinitrotoluene
Concen: 6.88 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion:165 Resp: 21990

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

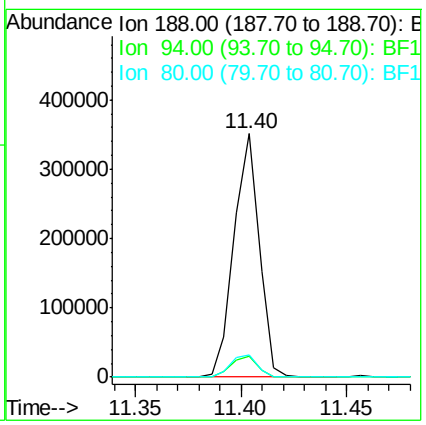


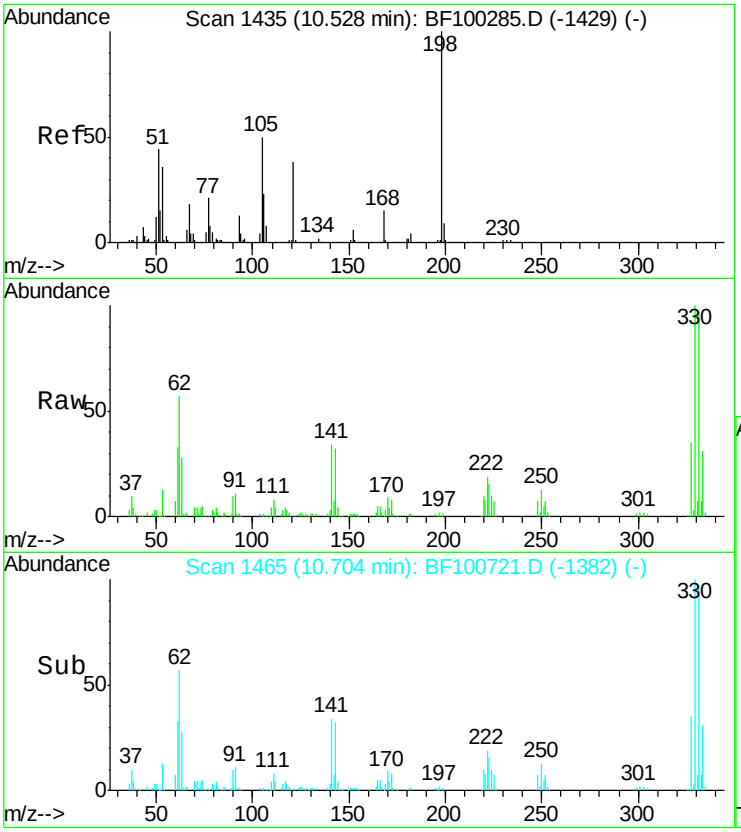


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Tgt Ion:188 Resp: 291332

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.4	9.2	13.8



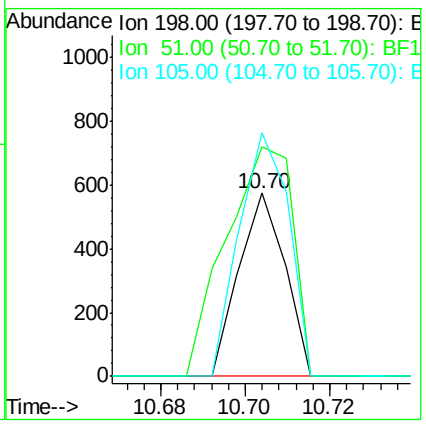


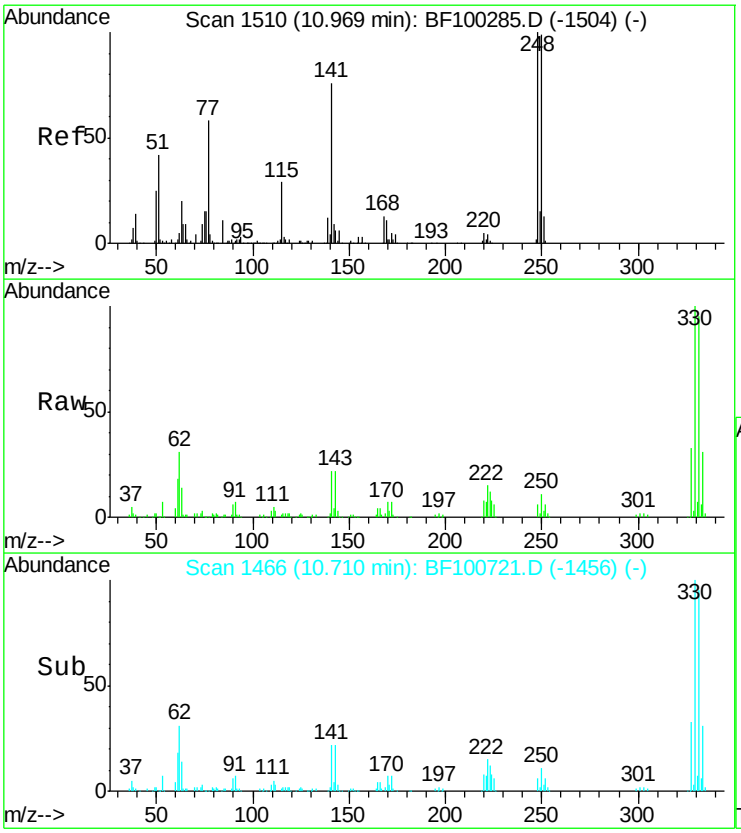
#64
4,6-Dinitro-2-methylphenol
Concen: 8.81 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion:198 Resp: 435

Ion	Ratio	Lower	Upper
198	100		
51	125.2	37.7	77.7#
105	132.9	36.3	76.3#

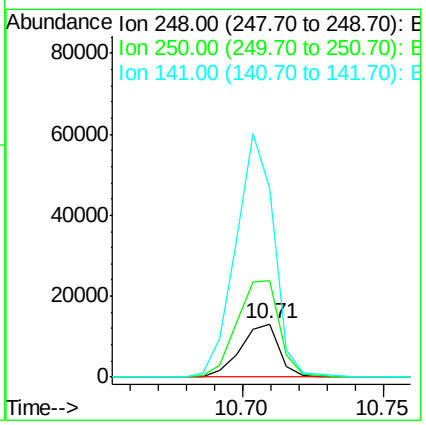


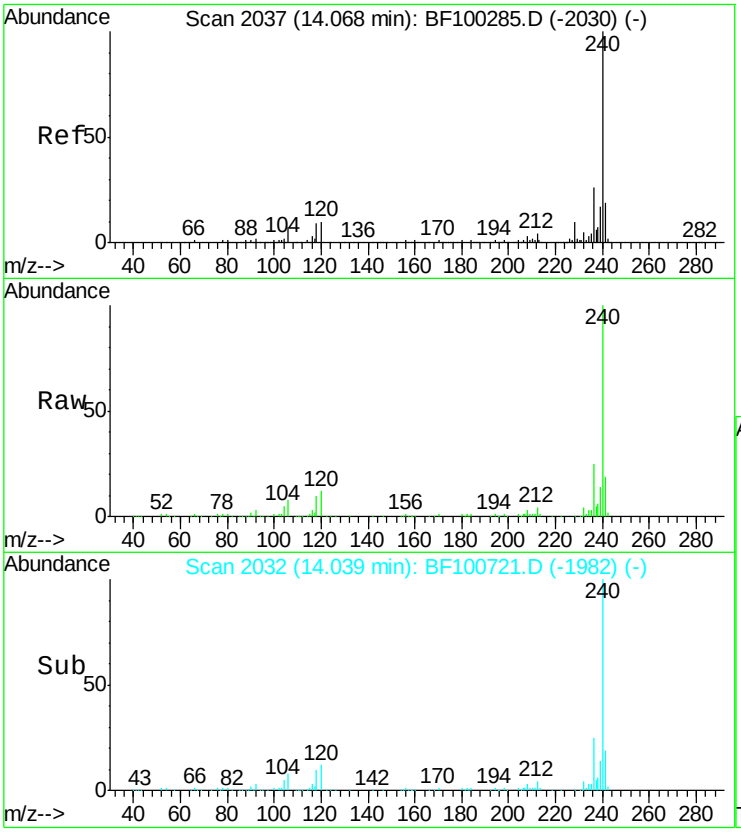


#66
4-Bromophenyl-phenylether
Concen: 3.93 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Tgt Ion:248 Resp: 12263

Ion	Ratio	Lower	Upper
248	100		
250	183.4	76.9	115.3#
141	356.0	74.4	111.6#



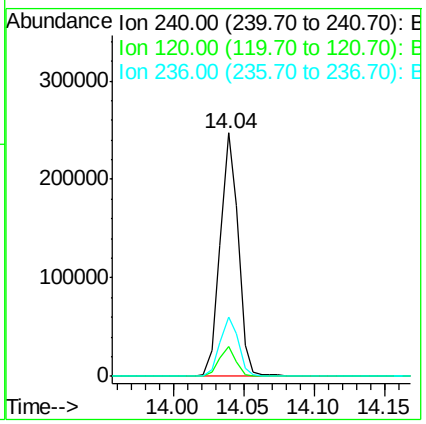


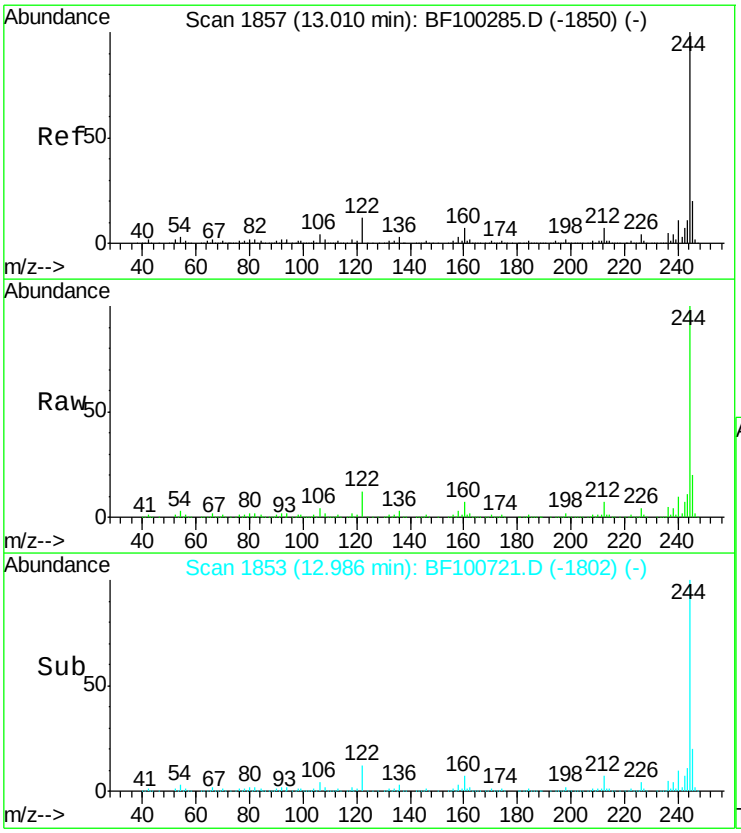
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion:240 Resp: 220631

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	24.6	20.7	31.1

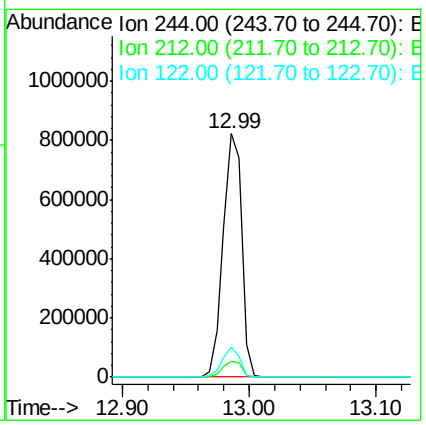


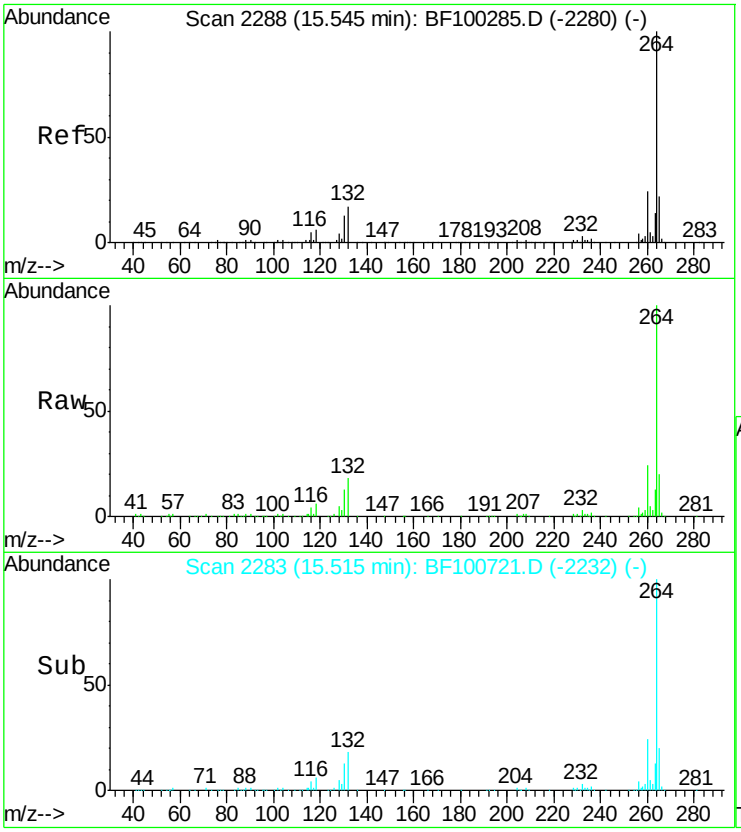


#78
Terphenyl-d14
Concen: 87.09 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Tgt Ion:244 Resp: 836304

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.1	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion:264 Resp: 193164

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.1	17.5	26.3