Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111517\
Data File : BF100615.D
Acq On : 16 Nov 2017 4:20
Operator : SJ/JU
Sample : I6465-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 16 06:52:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 15 13:27:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	121156	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	474502	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	214005	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	379553	20.00	ng	0.00
75) Chrysene-d12	14.04	240	231081	20.00	ng	-0.01
86) Perylene-d12	15.51	264	244445	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	339505	44.92	ng	0.00
7) Phenol-d6	6.50	99	263997	28.33	ng	-0.02
23) Nitrobenzene-d5	7.45	82	736585	102.63	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	203261	93.21	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1330180	94.65	ng	0.00
78) Terphenyl-d14	12.99	244	963365	95.79	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	95917	14.84	ng	# 81
25) Isophorone	7.45	82	736103	48.81	ng	# 64
47) 2-Nitroaniline	9.24	65	1867	3.23	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	27186	8.41	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	27186	6.66	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	311	8.70	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	12691	3.12	ng	# 1

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

Quantitation Report (Not Reviewed)

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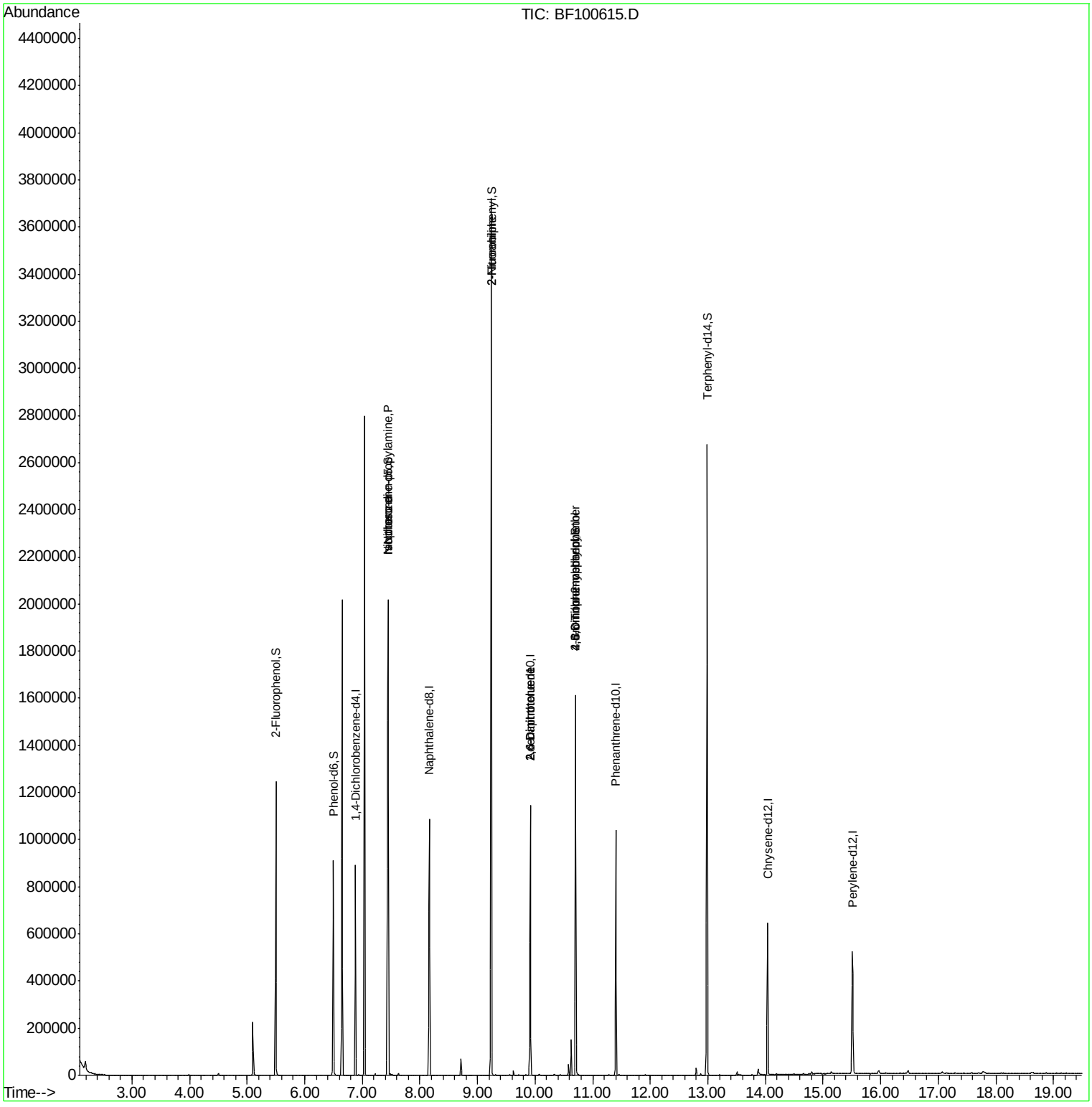
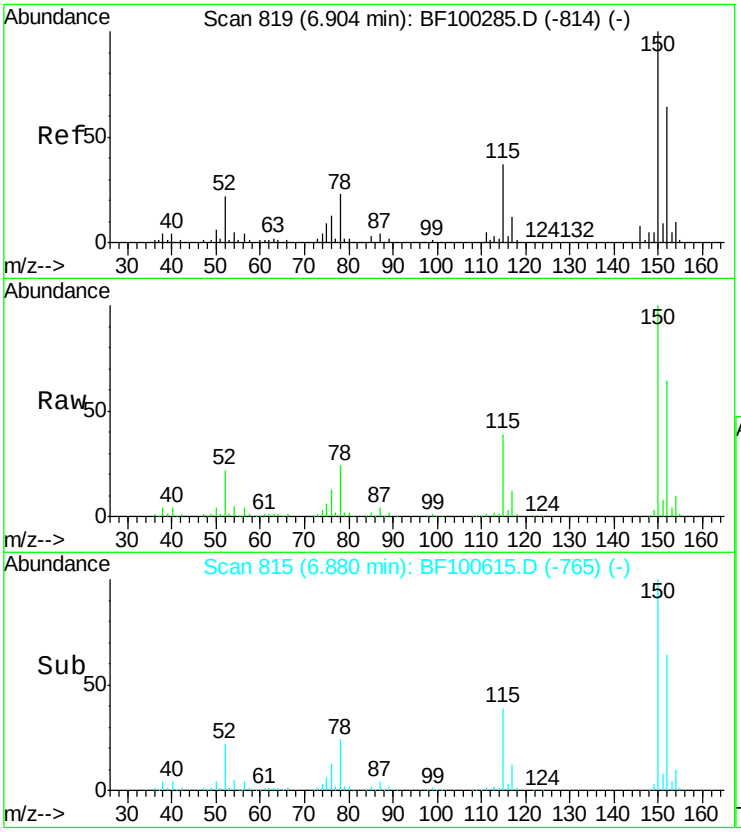


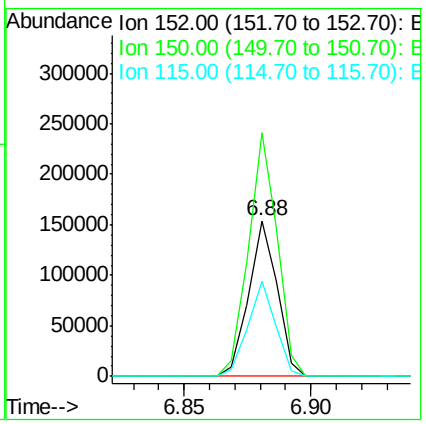


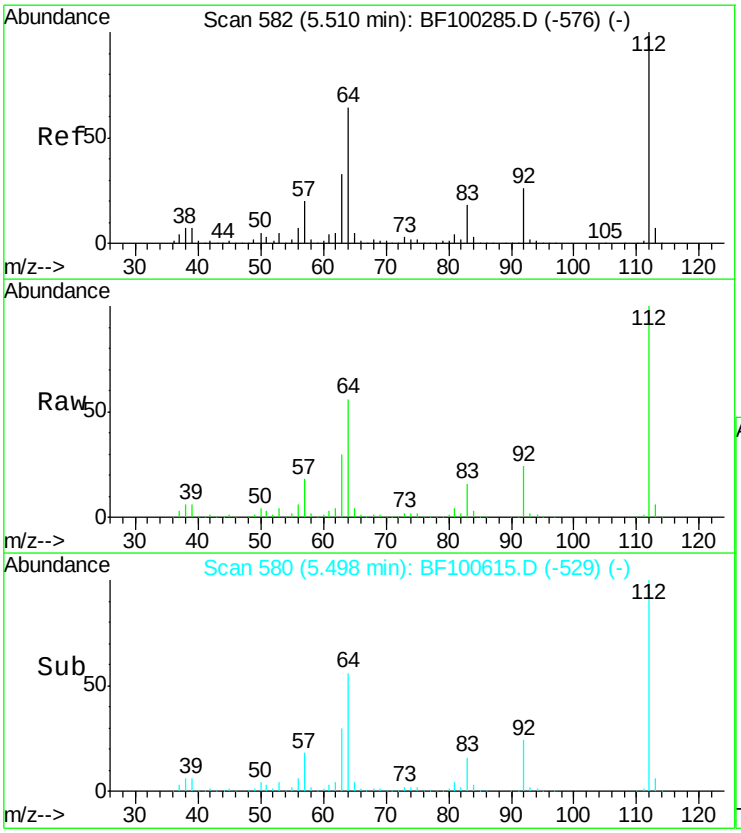
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100615.D
Acq: 16 Nov 2017 4:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 121156

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	60.9	50.1	75.1

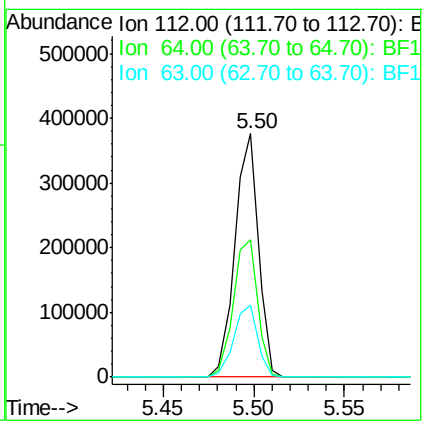


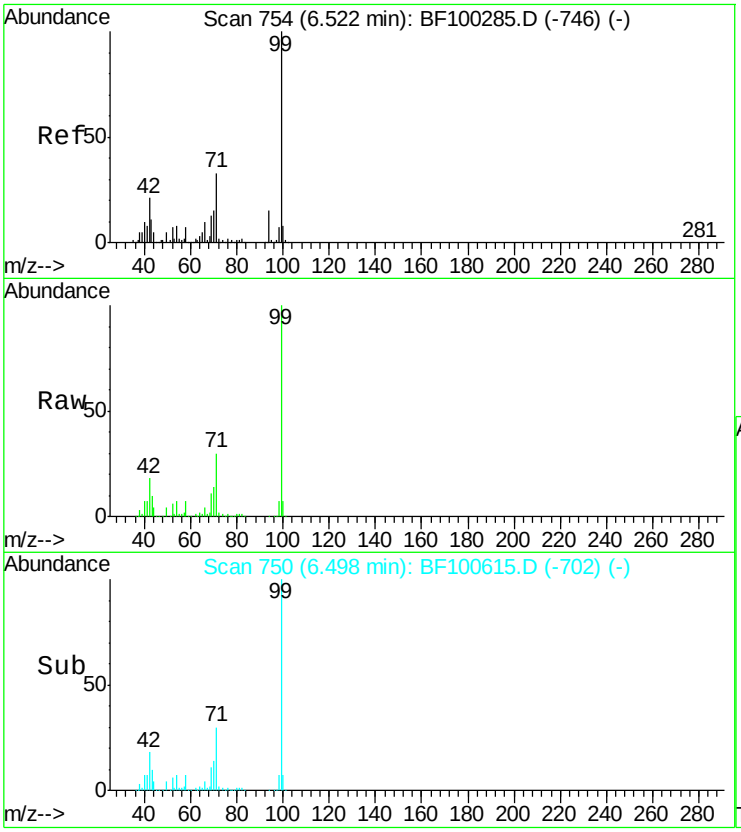


#5
2-Fluorophenol
Concen: 44.92 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF100615.D
Acq: 16 Nov 2017 4:20

Tgt Ion:112 Resp: 339505

Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	29.6	23.7	35.5



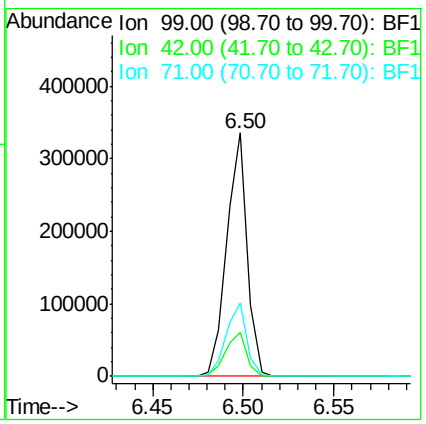


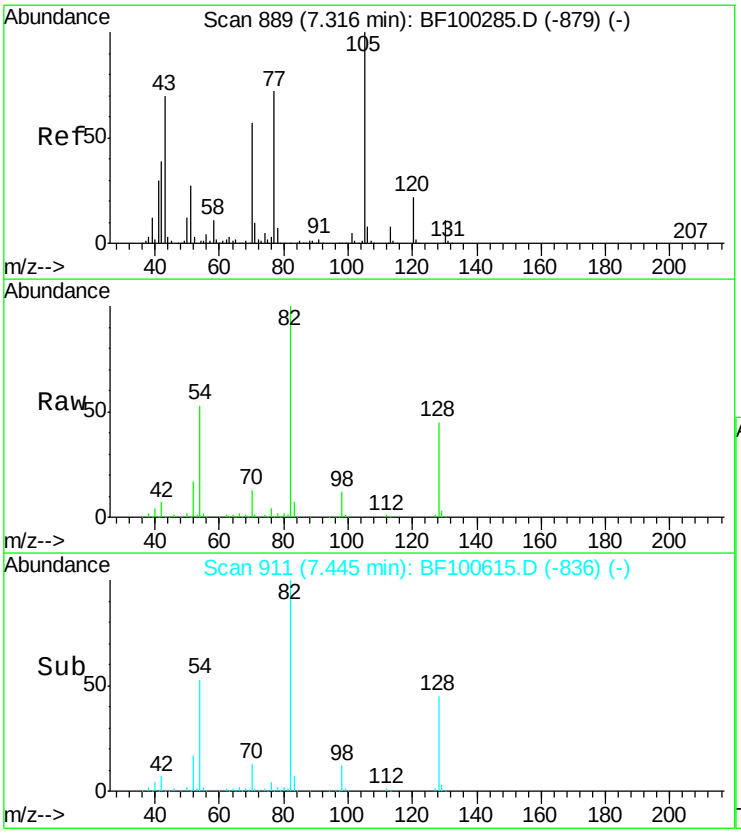
#7
Phenol-d6
Concen: 28.33 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF100615.D
Acq: 16 Nov 2017 4:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 263997

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.5	21.7
71	30.4	25.4	38.0

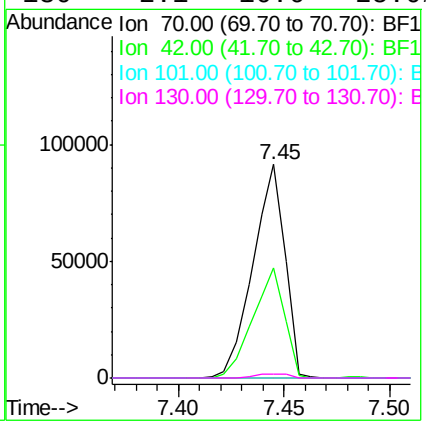


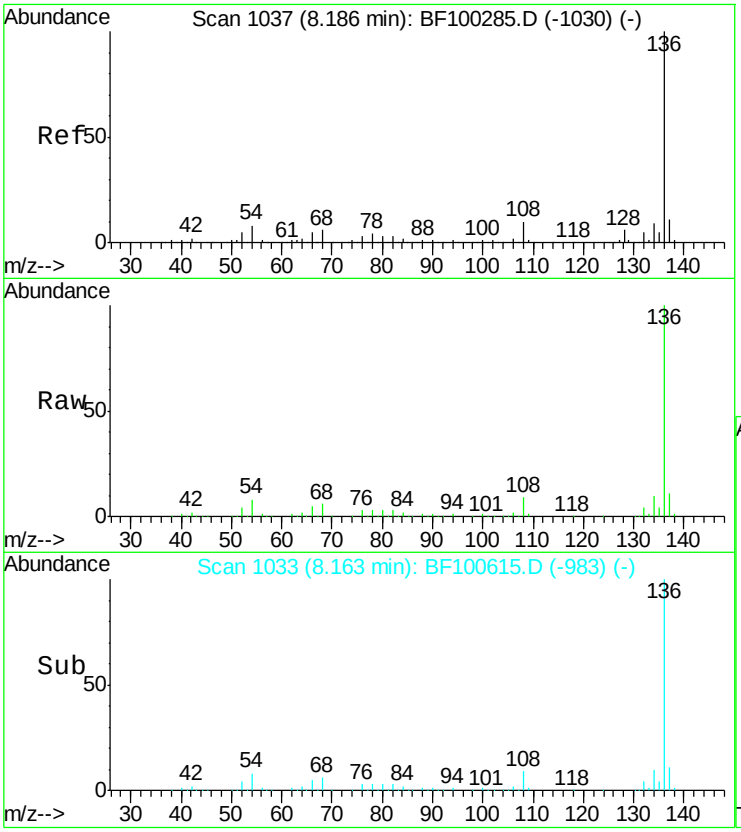


#19
n-Nitroso-di-n-propylamine
Concen: 14.84 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF100615.D
Acq: 16 Nov 2017 4:20

Tgt Ion: 70 Resp: 95917

Ion	Ratio	Lower	Upper
70	100		
42	51.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



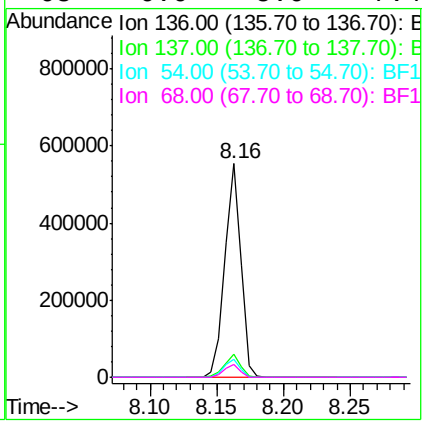


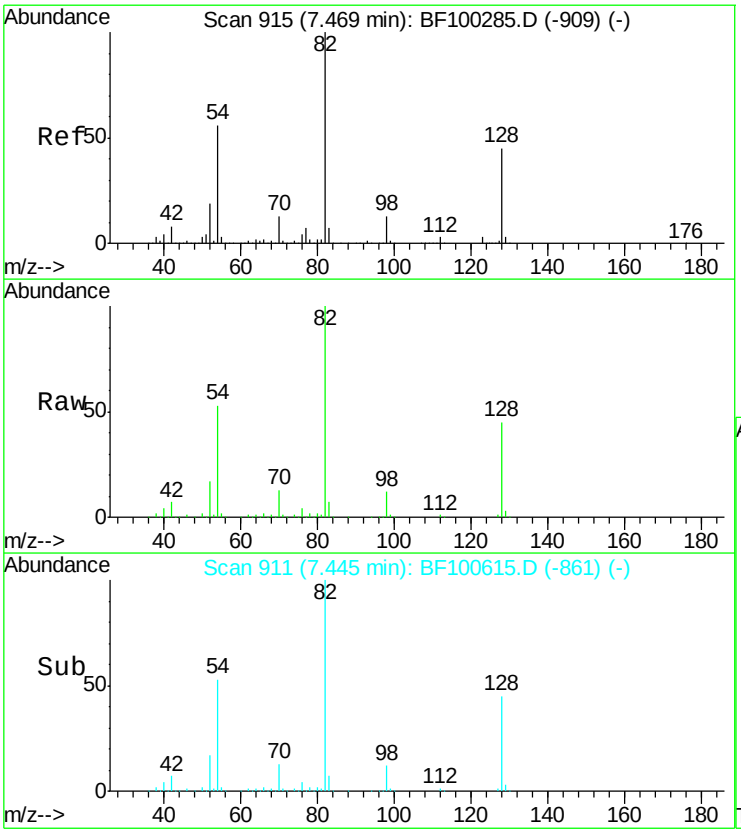
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100615.D
Acq: 16 Nov 2017 4:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 474502

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.3	6.6	9.8
68	6.0	5.0	7.4

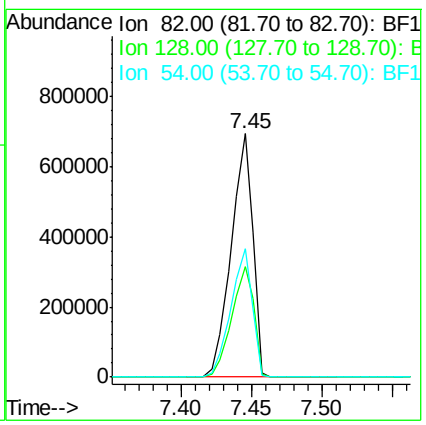


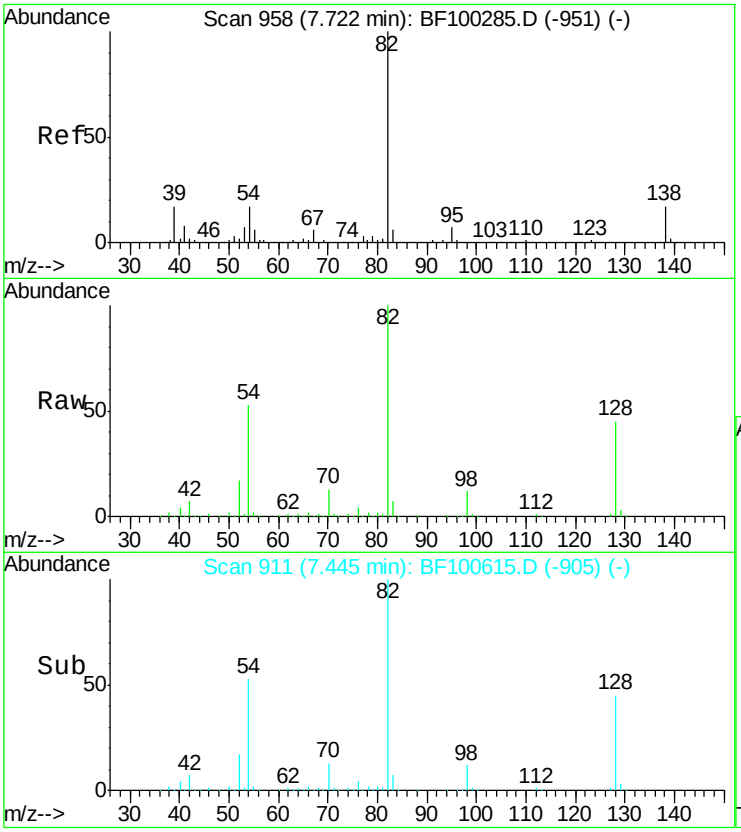


#23
Nitrobenzene-d5
Concen: 102.63 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100615.D
Acq: 16 Nov 2017 4:20

Tgt Ion: 82 Resp: 736585

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	52.5	41.4	62.2



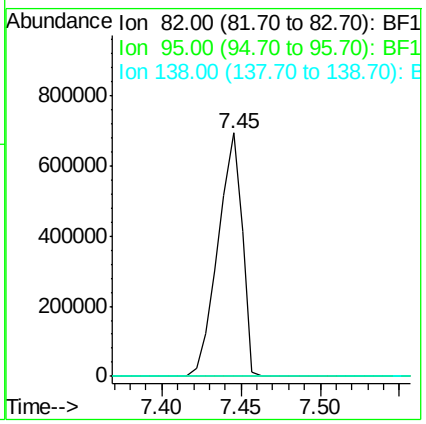


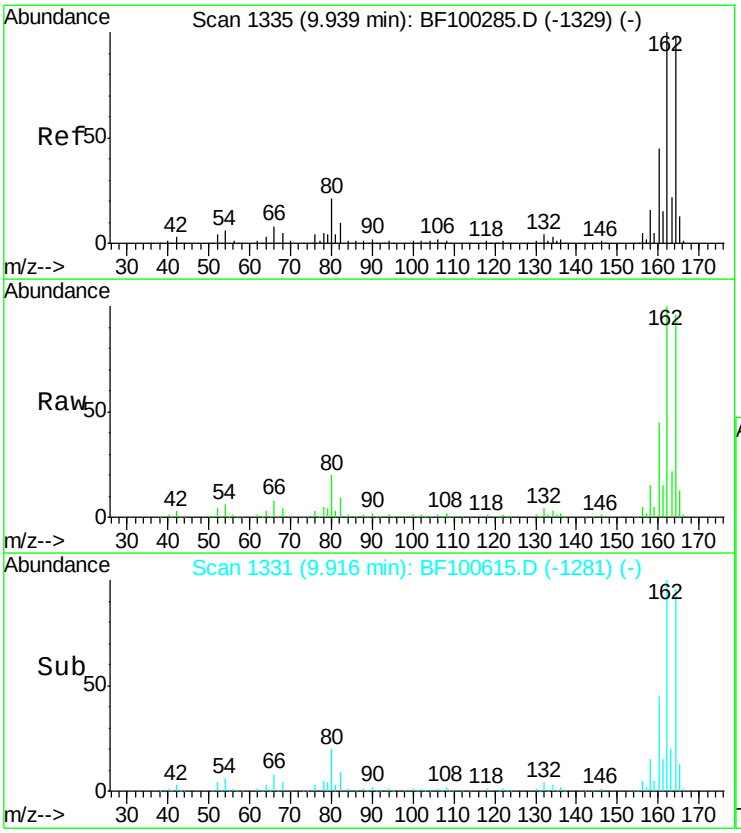
#25
Isophorone
Concen: 48.81 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100615.D
Acq: 16 Nov 2017 4:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 736103

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

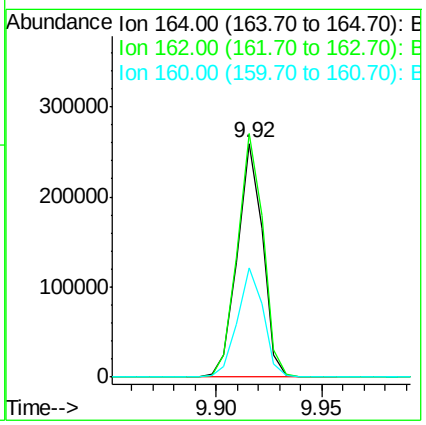


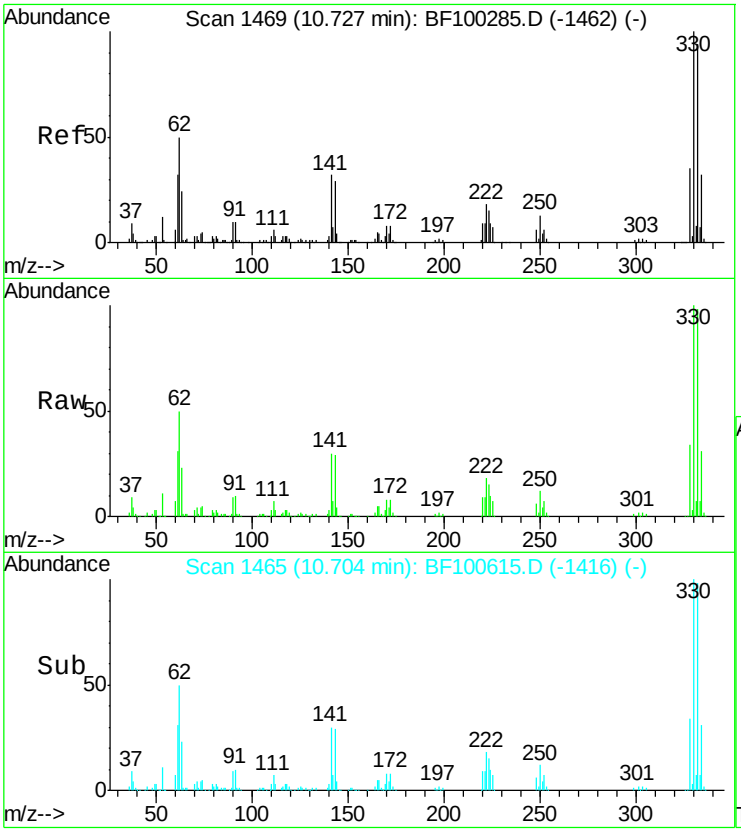


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100615.D
Acq: 16 Nov 2017 4:20

Tgt Ion:164 Resp: 214005

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	46.6	38.3	57.5



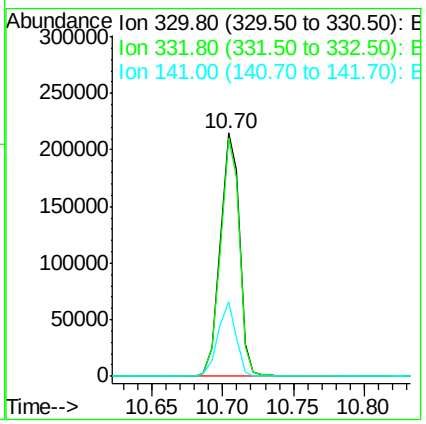


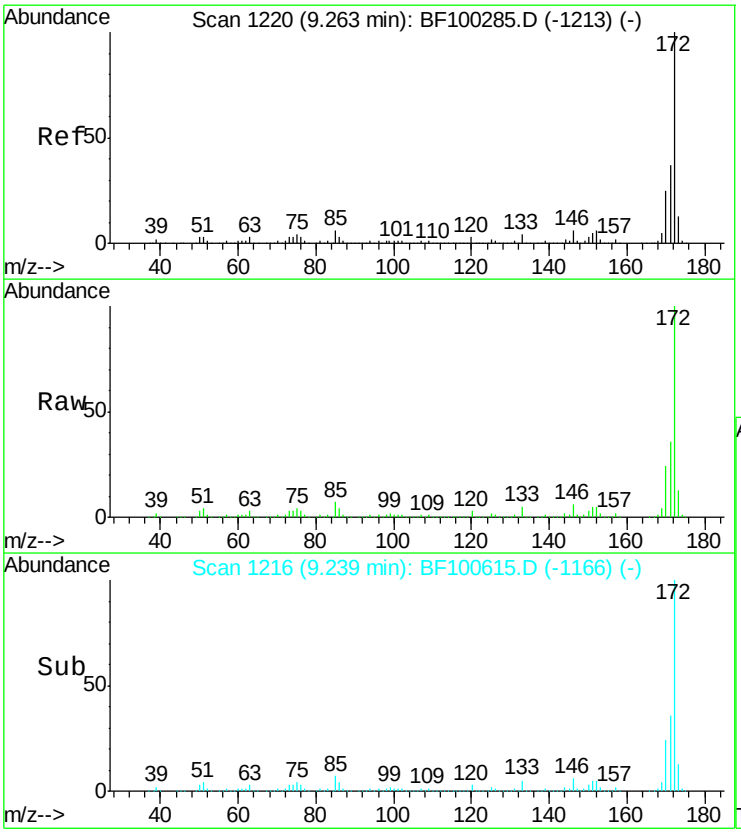
#41
2,4,6-Tribromophenol
Concen: 93.21 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF100615.D
Acq: 16 Nov 2017 4:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 203261

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	28.7	29.9	44.9#

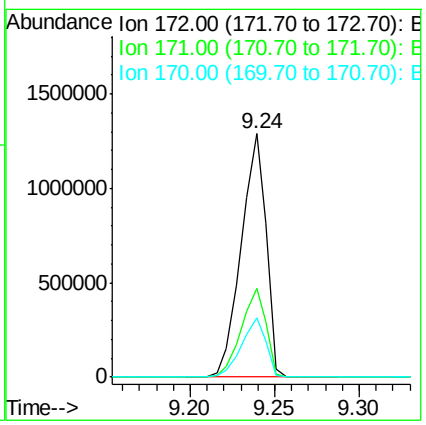


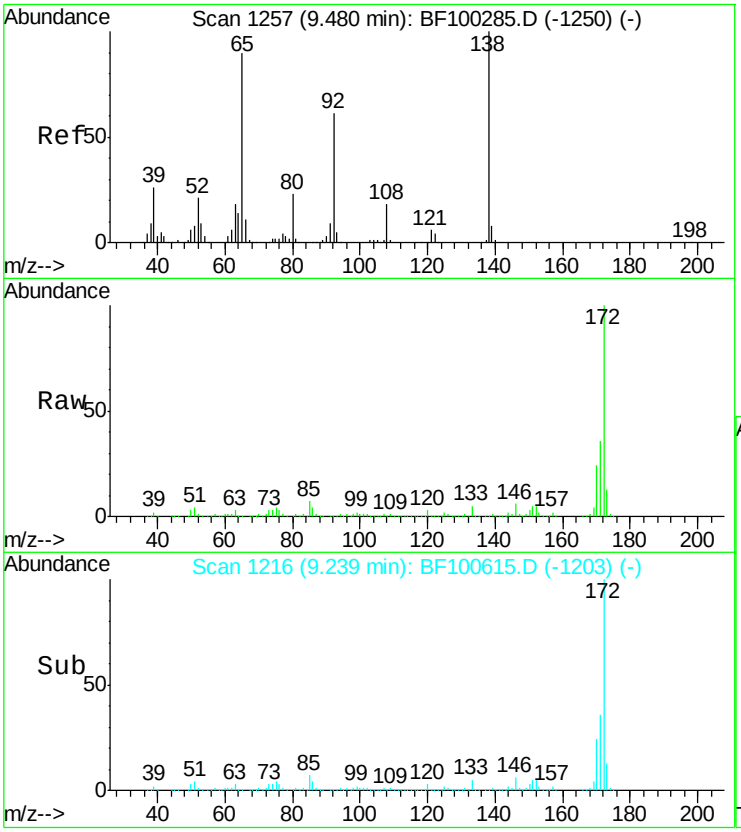


#44
2-Fluorobiphenyl
Concen: 94.65 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100615.D
Acq: 16 Nov 2017 4:20

Tgt Ion:172 Resp: 1330180

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.2	19.6	29.4



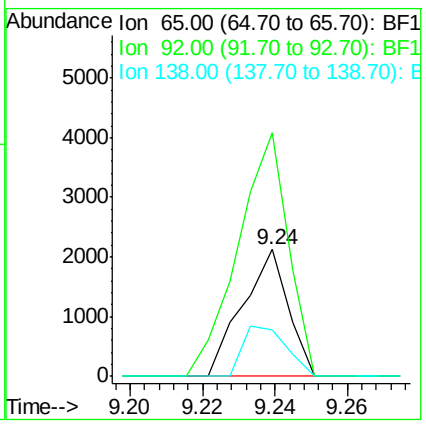


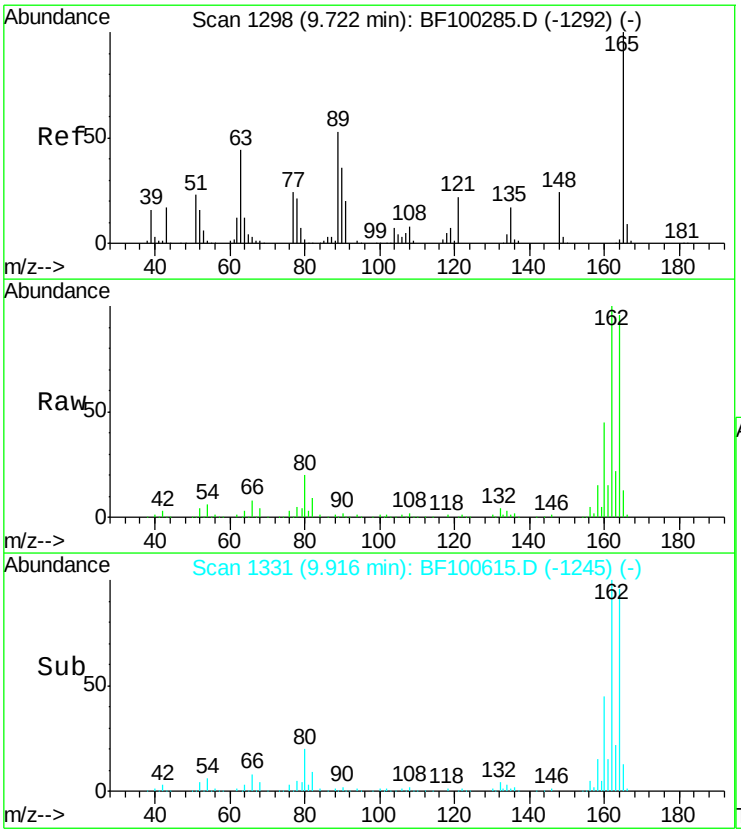
#47
2-Nitroaniline
Concen: 3.23 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.22 min
Lab File: BF100615.D
Acq: 16 Nov 2017 4:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 1867

Ion	Ratio	Lower	Upper
65	100		
92	192.0	55.8	83.6#
138	36.3	91.2	136.8#

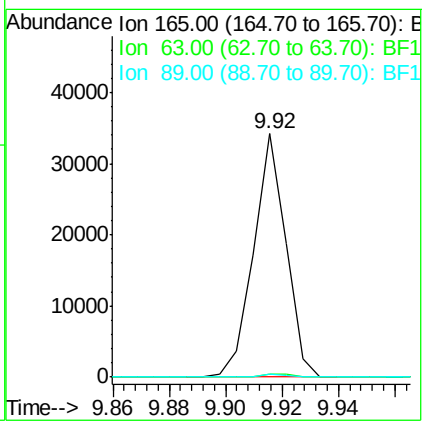


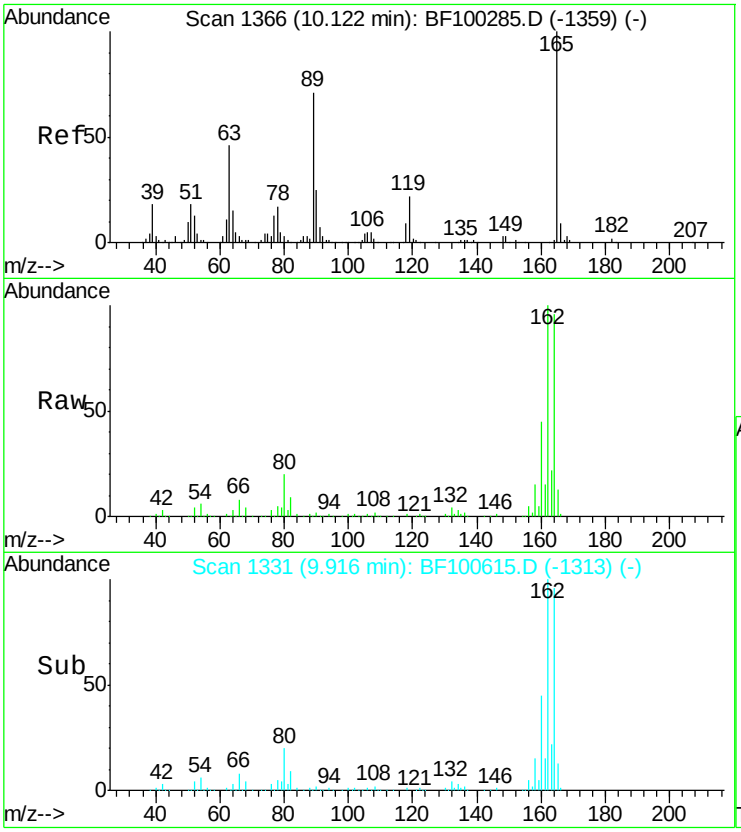


#50
2,6-Dinitrotoluene
Concen: 8.41 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100615.D
Acq: 16 Nov 2017 4:20

Tgt Ion:165 Resp: 27186

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.2	44.0	66.0#



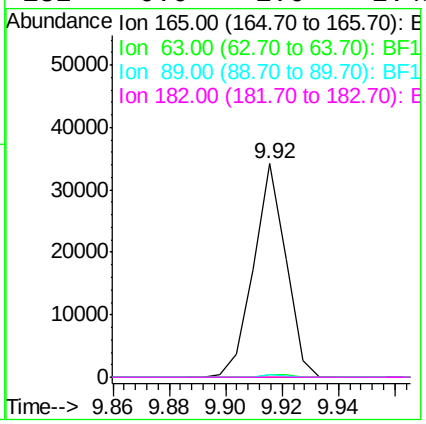


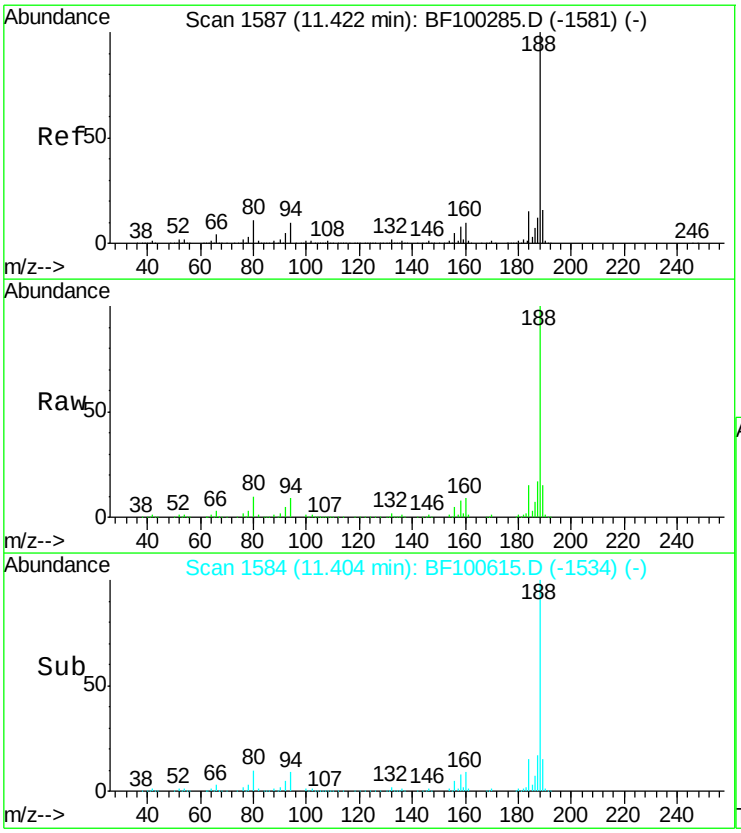
#56
2,4-Dinitrotoluene
Concen: 6.66 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100615.D
Acq: 16 Nov 2017 4:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 27186

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

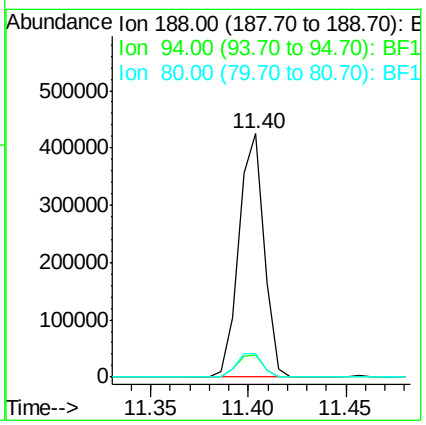


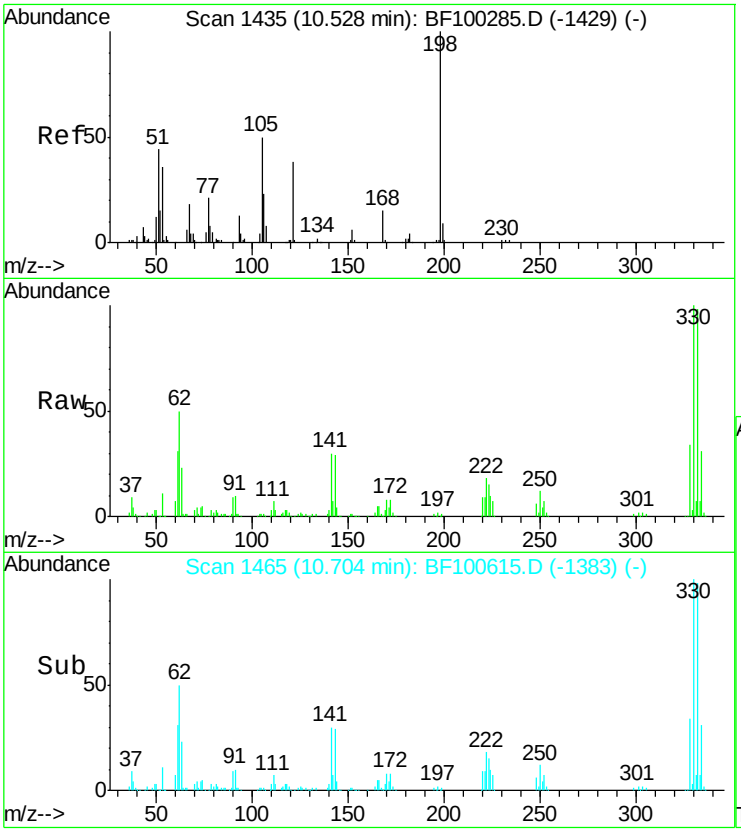


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100615.D
Acq: 16 Nov 2017 4:20

Tgt Ion:188 Resp: 379553

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.6	9.2	13.8



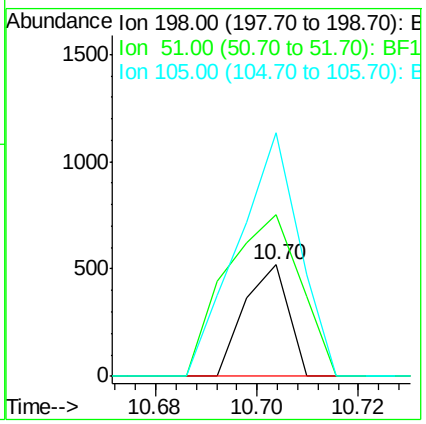


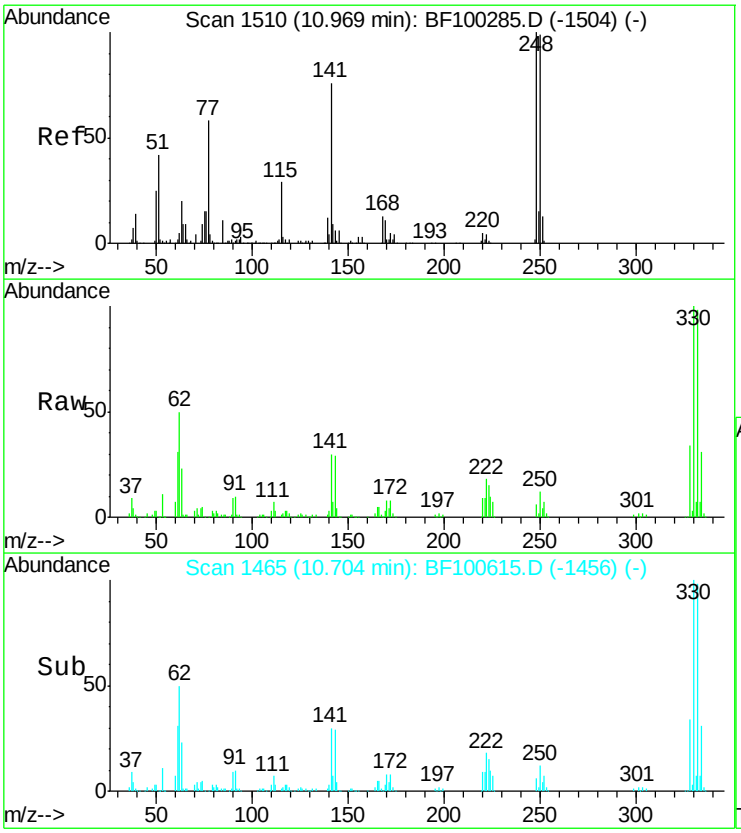
#64
4,6-Dinitro-2-methylphenol
Concen: 8.70 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF100615.D
Acq: 16 Nov 2017 4:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 311

Ion	Ratio	Lower	Upper
198	100		
51	145.0	37.7	77.7#
105	218.9	36.3	76.3#

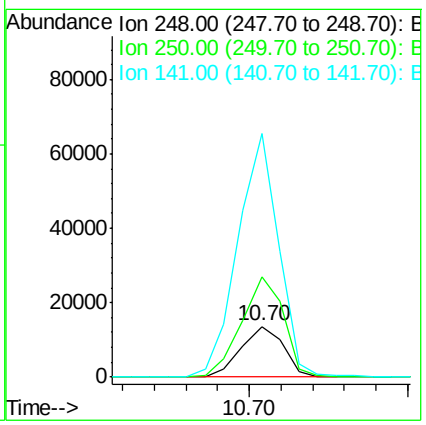


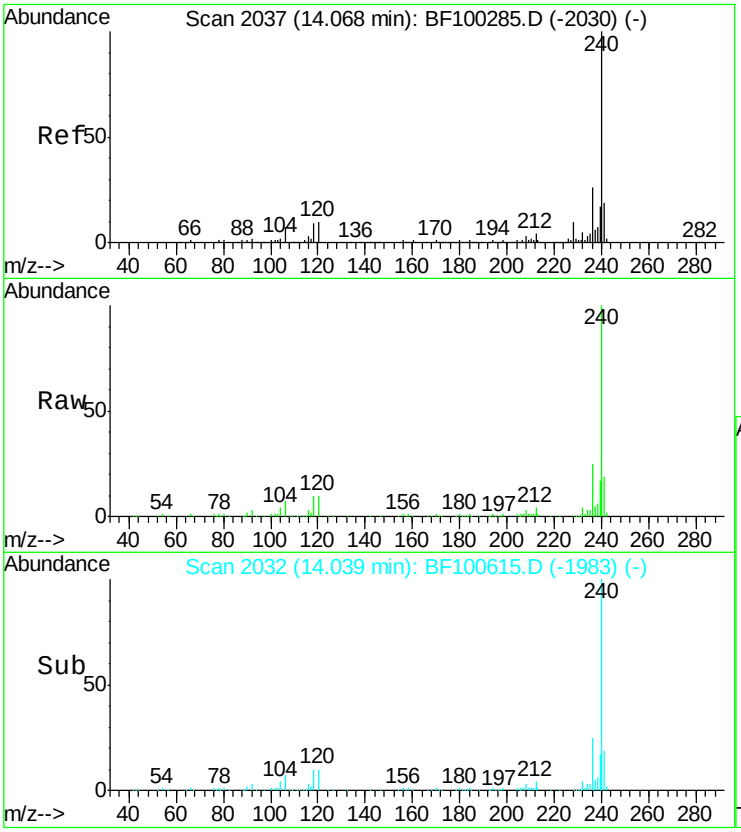


#66
4-Bromophenyl-phenylether
Concen: 3.12 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100615.D
Acq: 16 Nov 2017 4:20

Tgt Ion:248 Resp: 12691

Ion	Ratio	Lower	Upper
248	100		
250	197.2	76.9	115.3#
141	480.9	74.4	111.6#



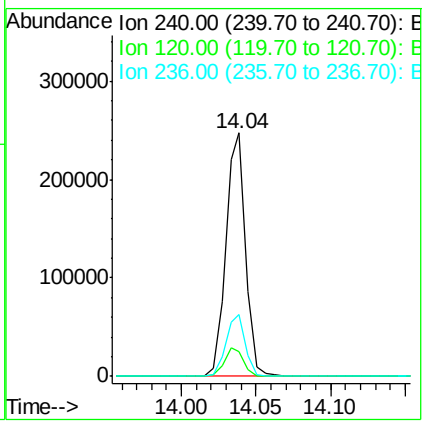


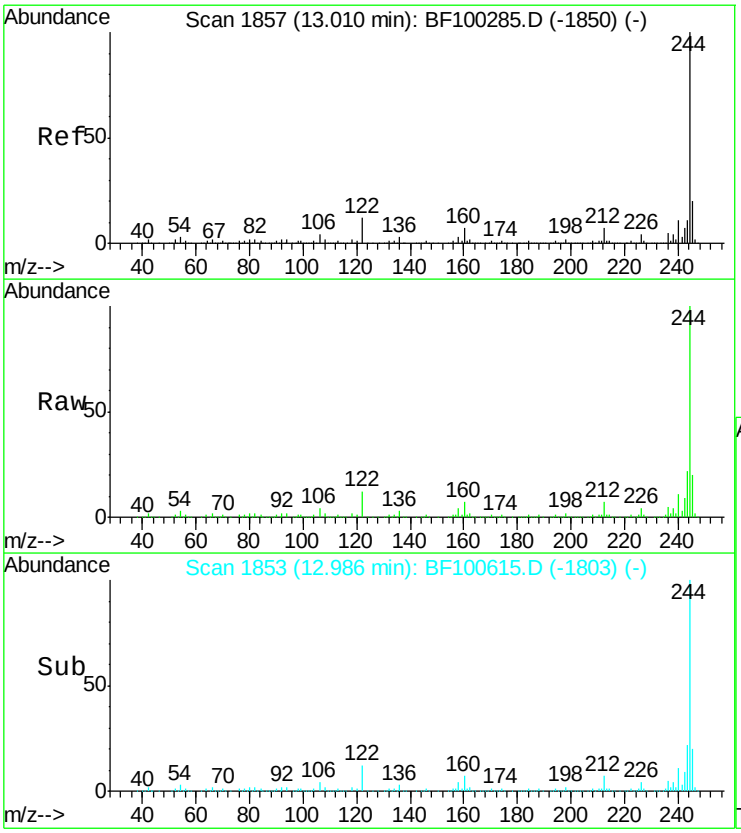
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100615.D
Acq: 16 Nov 2017 4:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 231081

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	25.5	20.7	31.1

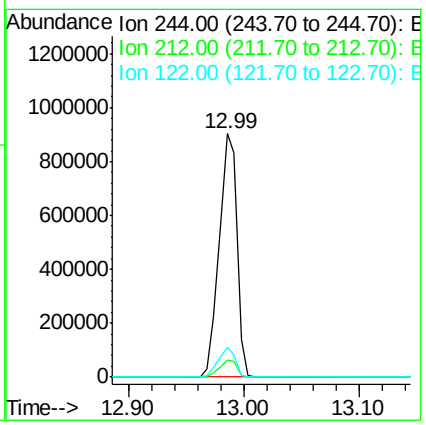


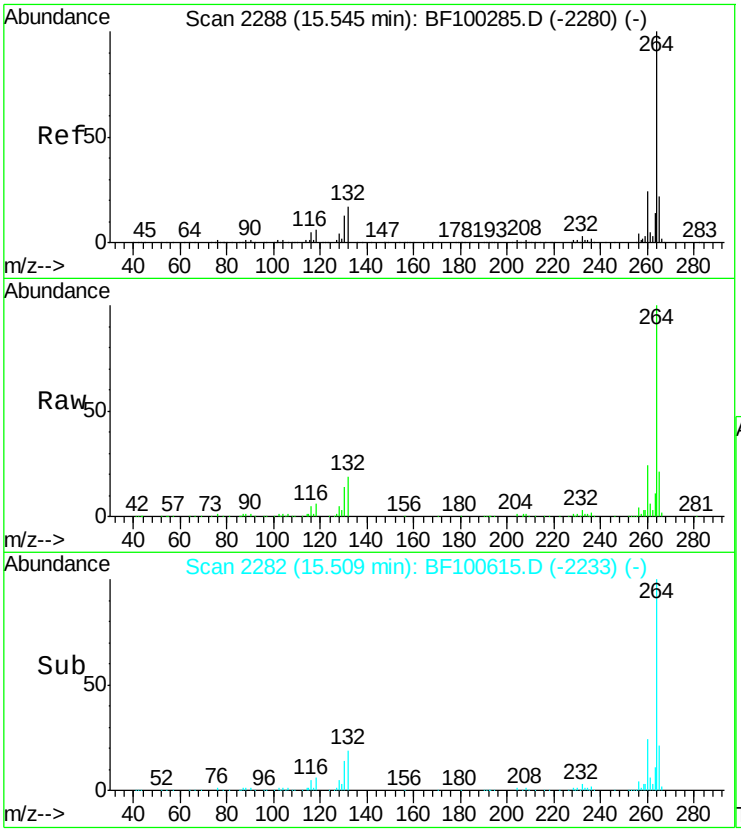


#78
Terphenyl-d14
Concen: 95.79 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF100615.D
Acq: 16 Nov 2017 4:20

Tgt Ion:244 Resp: 963365

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.1	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: BF100615.D
Acq: 16 Nov 2017 4:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 244445

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.2	17.5	26.3