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

Quantitation Report (Not Reviewed)

Data File : BF100703.D
Acq On : 18 Nov 2017 4:38
Operator : SJ/JU
Sample : I6343-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HL-15A

Quant Time: Nov 18 05:06:47 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	98099	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	374661	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	150736	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	227866	20.00	ng	0.00
75) Chrysene-d12	14.04	240	212162	20.00	ng	0.00
86) Perylene-d12	15.52	264	182914	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	586887	95.90	ng	0.01
7) Phenol-d6	6.51	99	697656	92.45	ng	0.00
23) Nitrobenzene-d5	7.45	82	419116	73.96	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	130198	84.76	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	658484	66.52	ng	0.00
78) Terphenyl-d14	12.99	244	403929	43.75	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	53594	10.24	ng	# 82
25) Isophorone	7.45	82	419178	35.20	ng	# 64
47) 2-Nitroaniline	9.63	65	1201	3.19	ng	# 1
49) Dimethylphthalate	9.63	163	159513	13.86	ng	100
56) 2,4-Dinitrotoluene	9.92	165	19590	6.82	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.70	198	274	8.77	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	7902	3.23	ng	# 1

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

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

Quantitation Report (Not Reviewed)

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Acq On : 18 Nov 2017 4:38
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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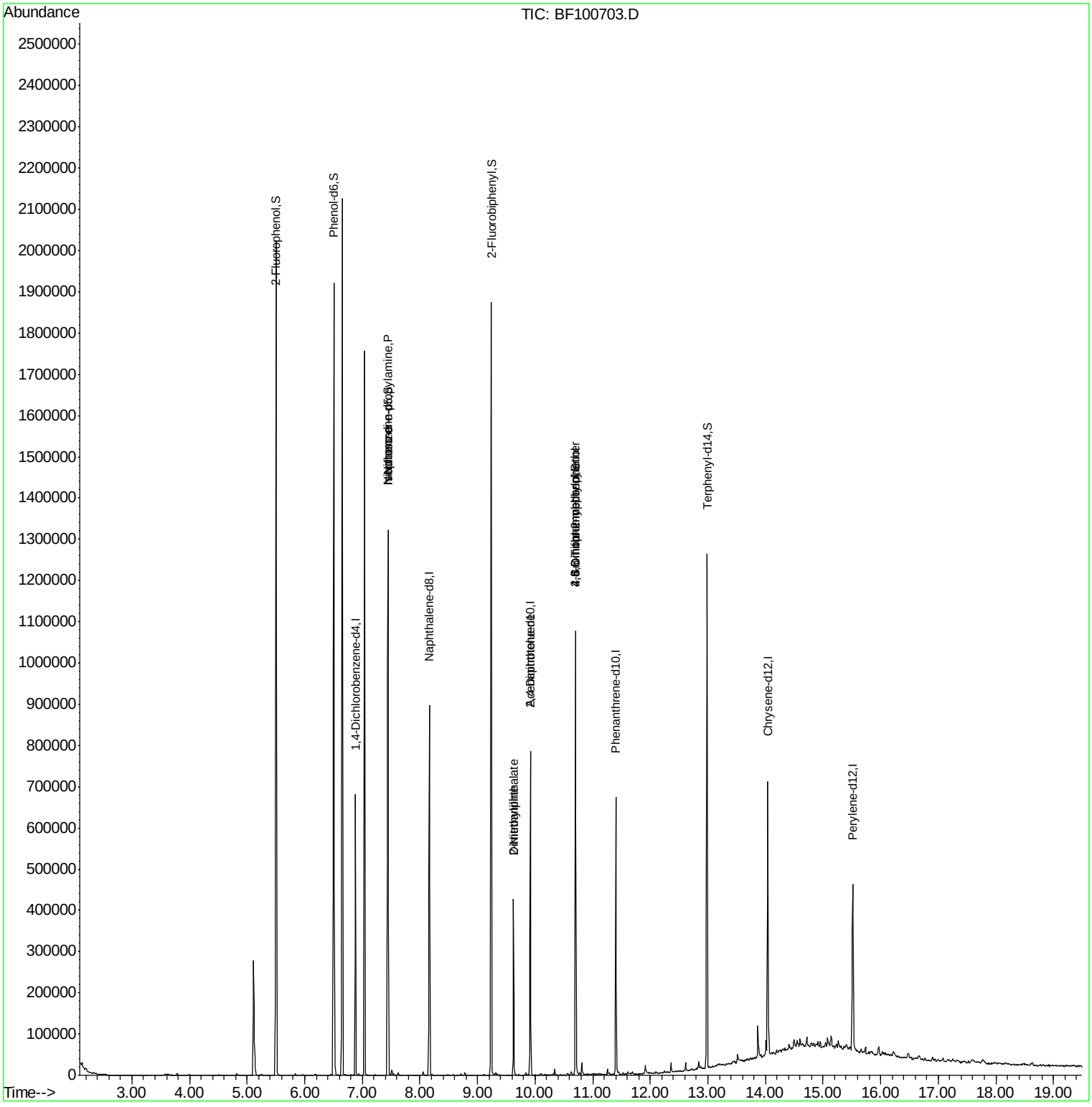
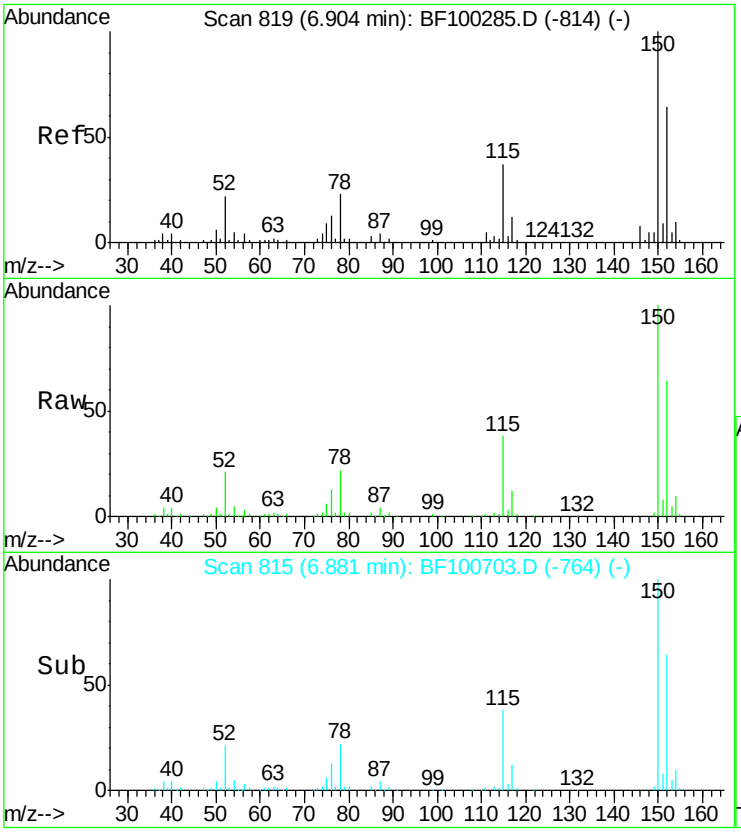
Response via : Initial Calibration



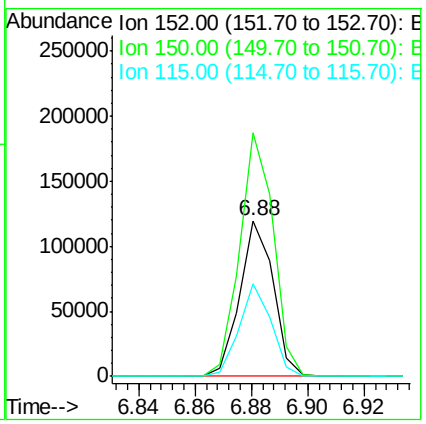


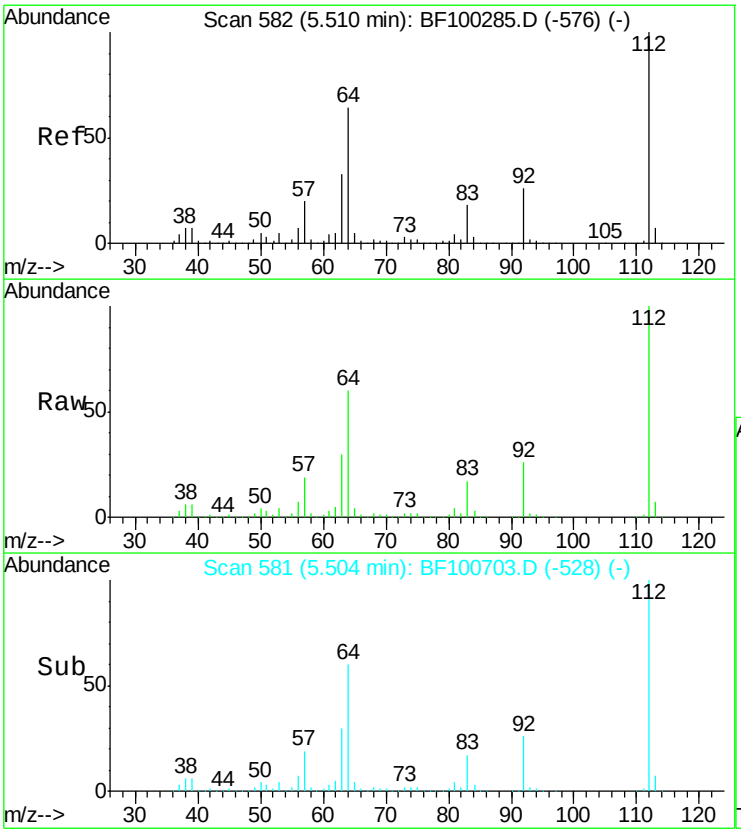
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

Instrument :
BNA_F
ClientSampleId :
HL-15A

Tgt Ion:152 Resp: 98099

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	59.3	50.1	75.1

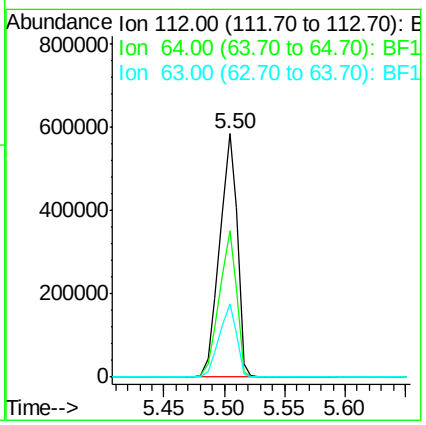


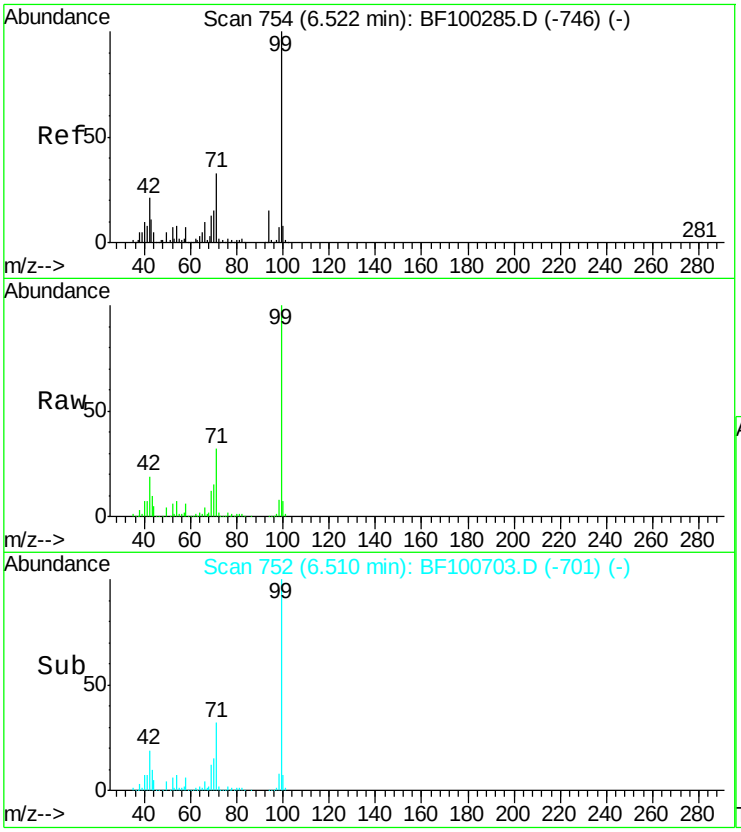


#5
2-Fluorophenol
Concen: 95.90 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

Tgt Ion:112 Resp: 586887

Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	30.2	23.7	35.5



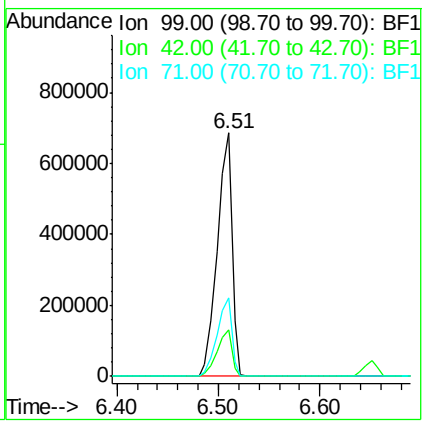


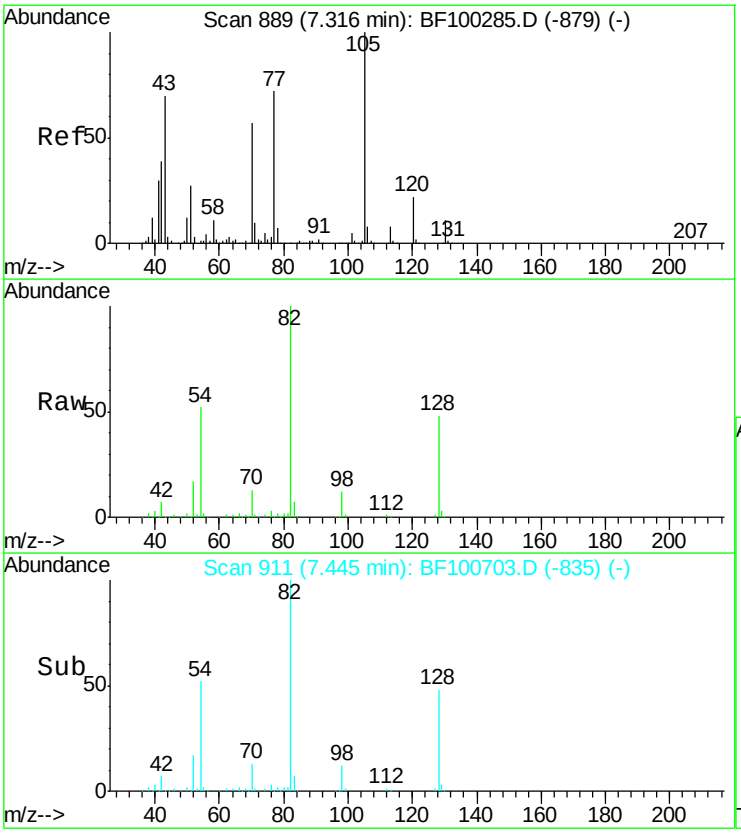
#7
Phenol-d6
Concen: 92.45 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

Instrument :
BNA_F
ClientSampleId :
HL-15A

Tgt Ion: 99 Resp: 697656

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	32.5	25.4	38.0

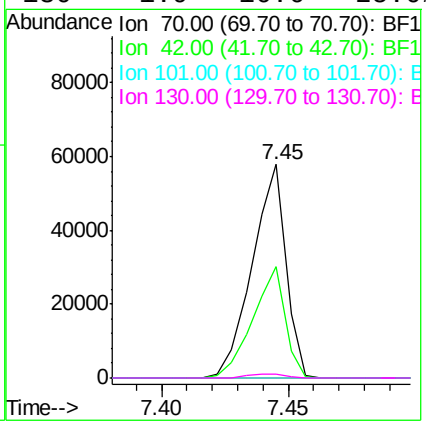


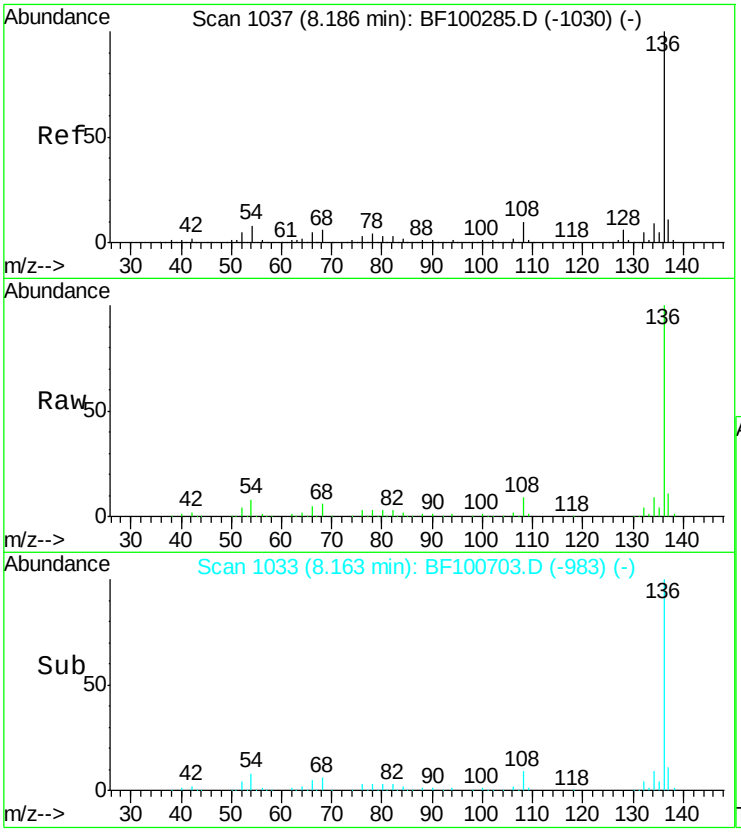


#19
n-Nitroso-di-n-propylamine
Concen: 10.24 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

Tgt Ion: 70 Resp: 53594

Ion	Ratio	Lower	Upper
70	100		
42	52.1	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



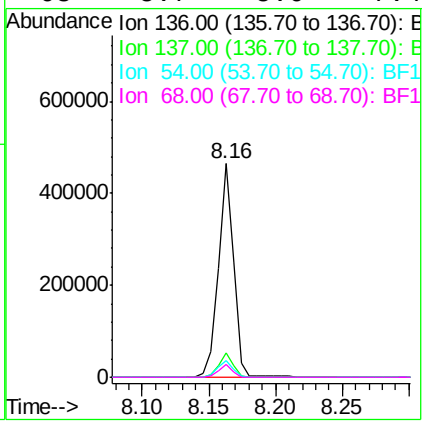


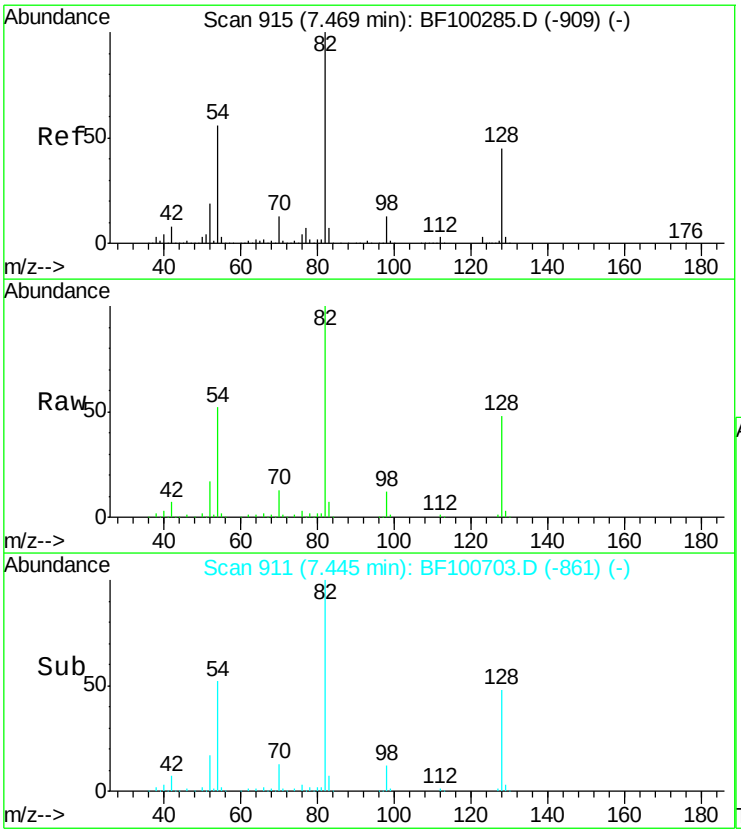
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

Instrument :
BNA_F
ClientSampleId :
HL-15A

Tgt Ion:136 Resp: 374661

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.9	6.6	9.8
68	5.7	5.0	7.4

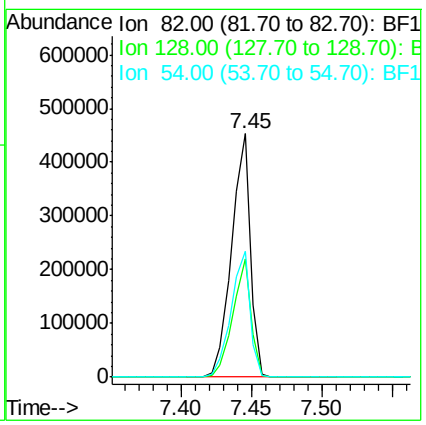


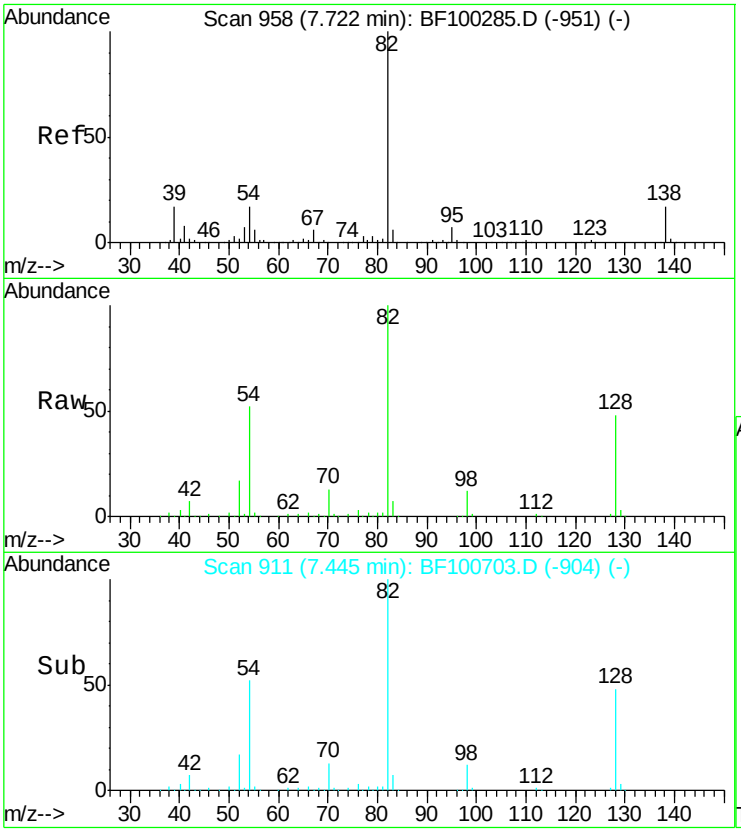


#23
Nitrobenzene-d5
Concen: 73.96 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

Tgt Ion: 82 Resp: 419116

Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	51.8	41.4	62.2



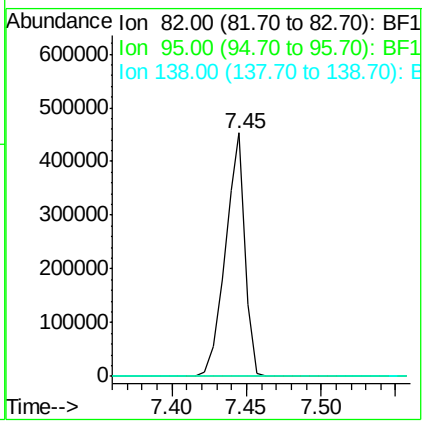


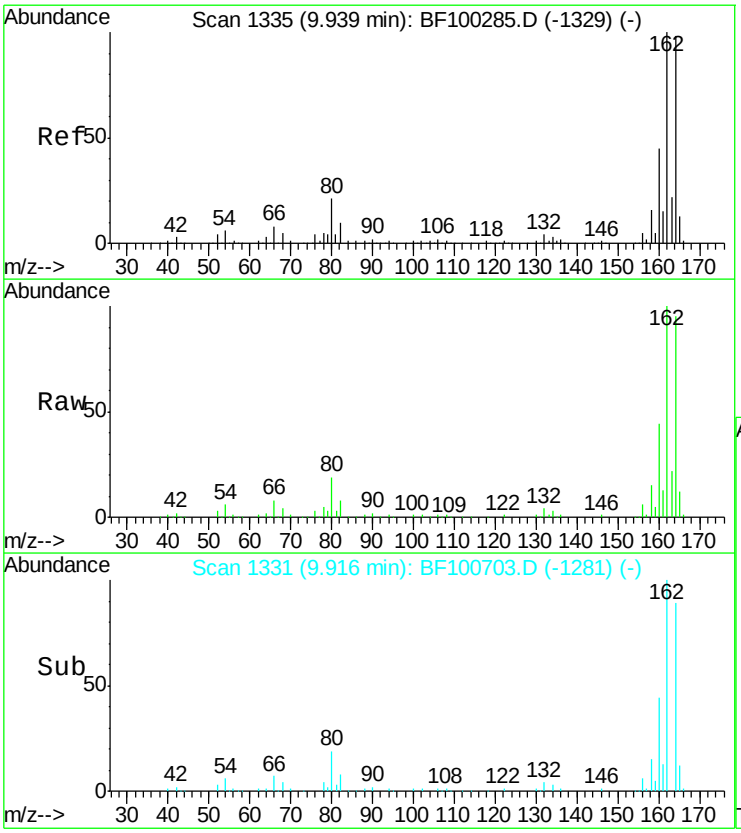
#25
Isophorone
Concen: 35.20 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

Instrument :
BNA_F
ClientSampleId :
HL-15A

Tgt Ion: 82 Resp: 419178

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

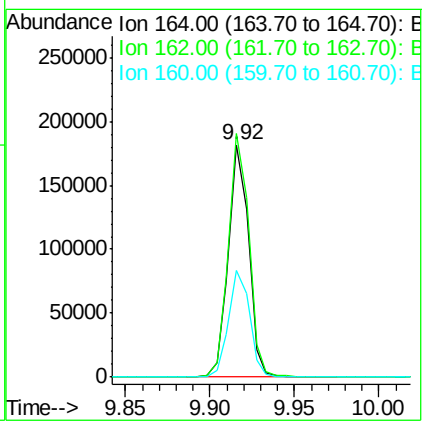


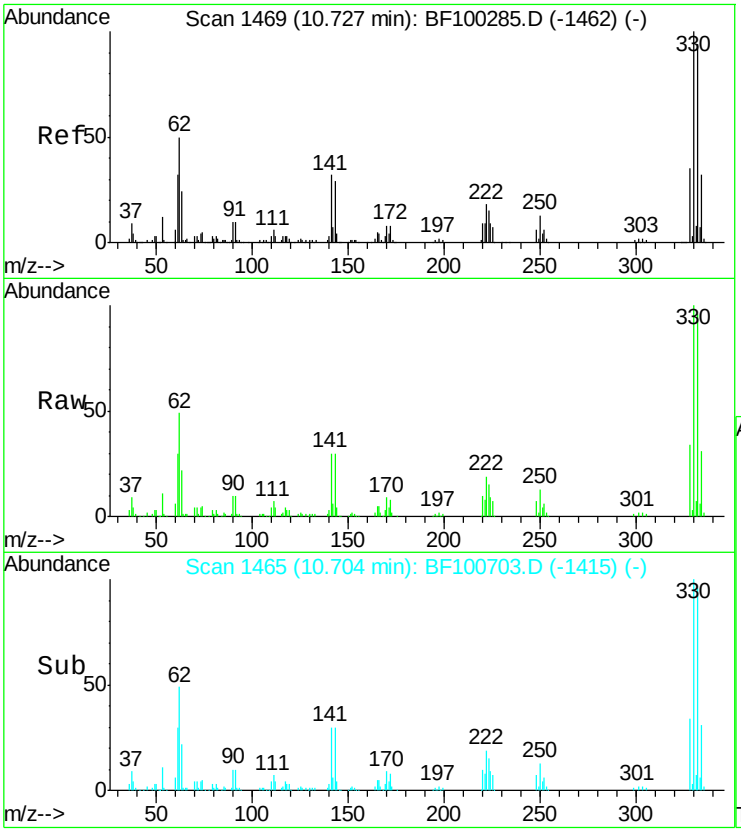


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

Tgt Ion:164 Resp: 150736

Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	45.7	38.3	57.5



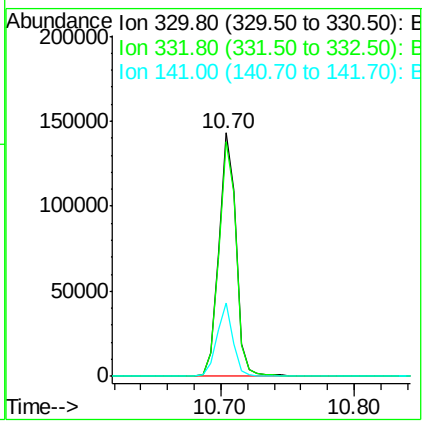


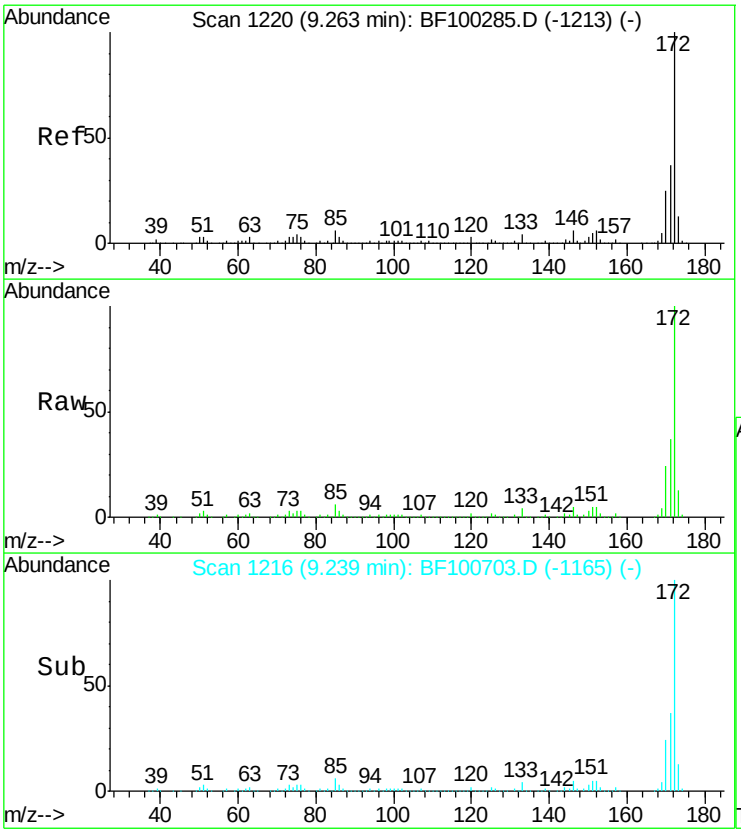
#41
2,4,6-Tribromophenol
Concen: 84.76 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

Instrument :
BNA_F
ClientSampleId :
HL-15A

Tgt Ion:330 Resp: 130198

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	28.1	29.9	44.9#

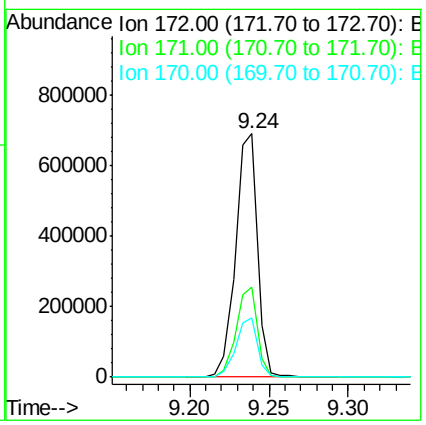


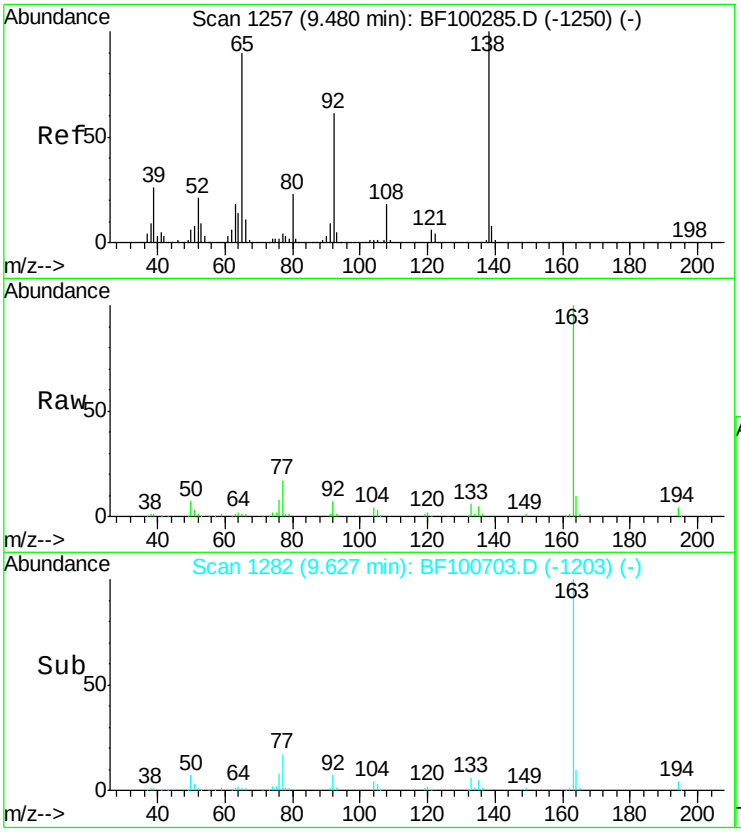


#44
2-Fluorobiphenyl
Concen: 66.52 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

Tgt Ion:172 Resp: 658484

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.1	19.6	29.4



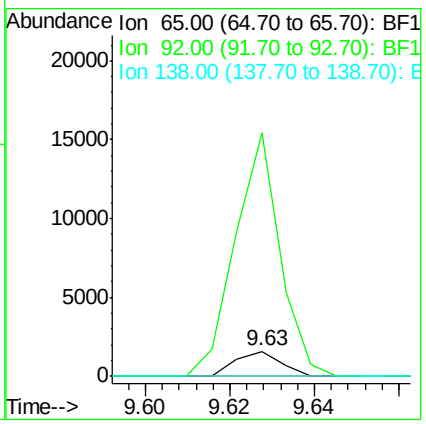


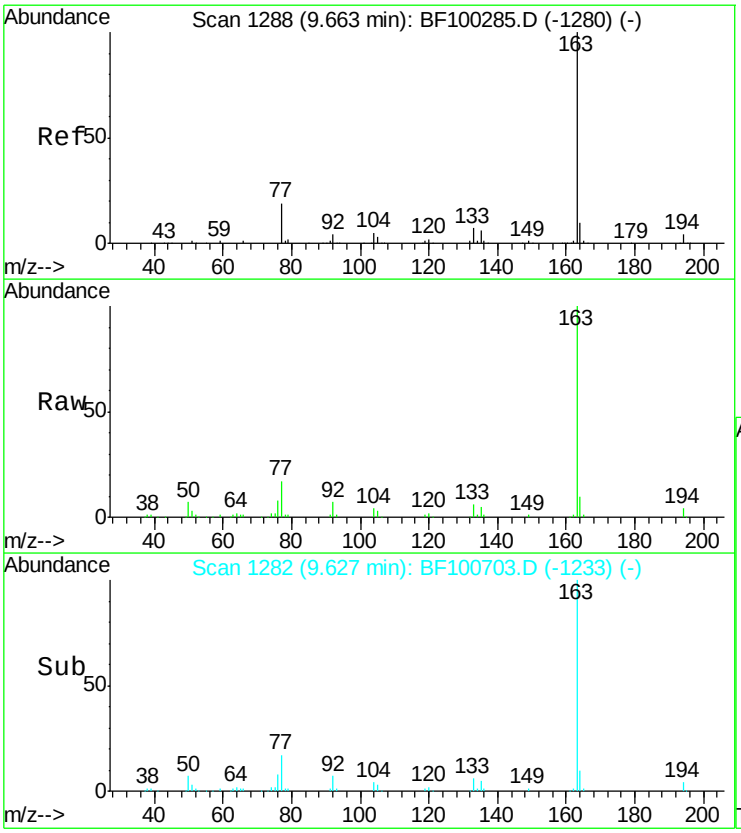
#47
2-Nitroaniline
Concen: 3.19 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

Instrument :
BNA_F
ClientSampleId :
HL-15A

Tgt Ion: 65 Resp: 1201

Ion	Ratio	Lower	Upper
65	100		
92	960.4	55.8	83.6#
138	0.0	91.2	136.8#

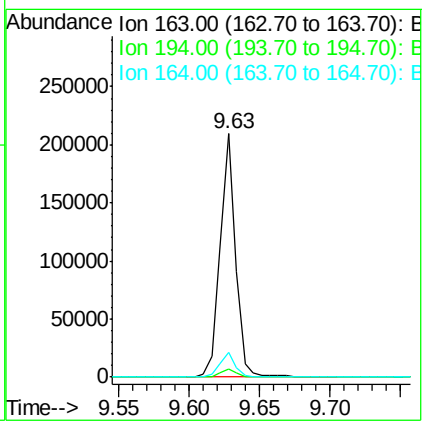


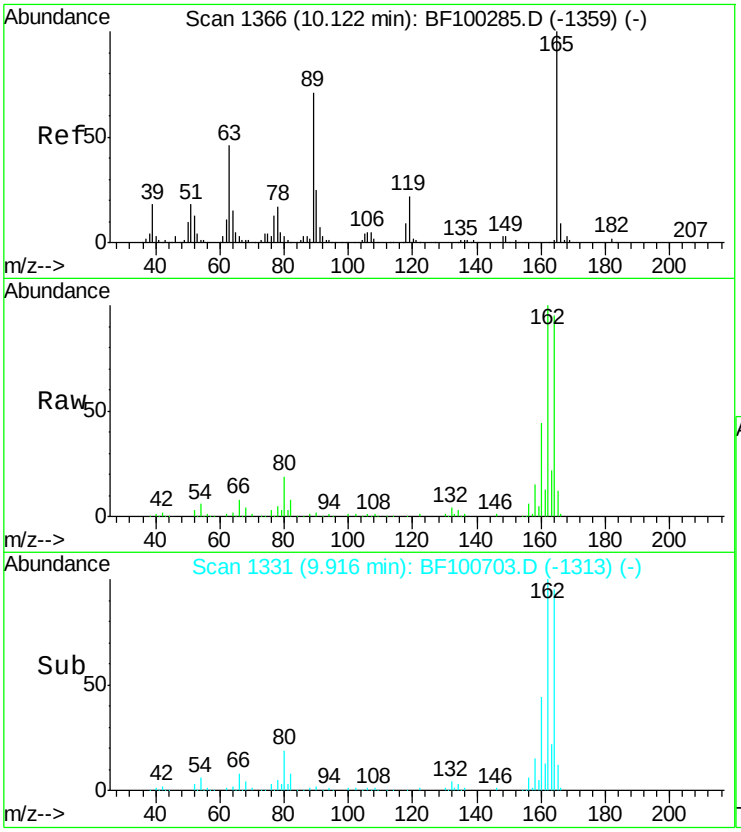


#49
Dimethylphthalate
Concen: 13.86 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

Tgt Ion:163 Resp: 159513

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.3	8.2	12.2



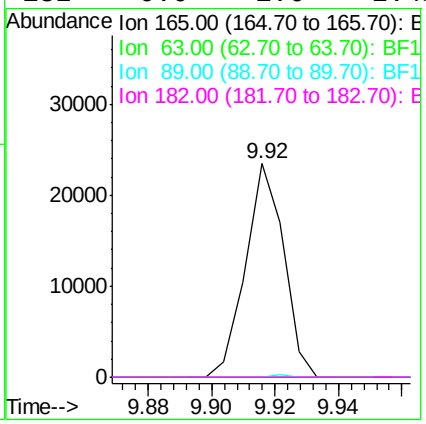


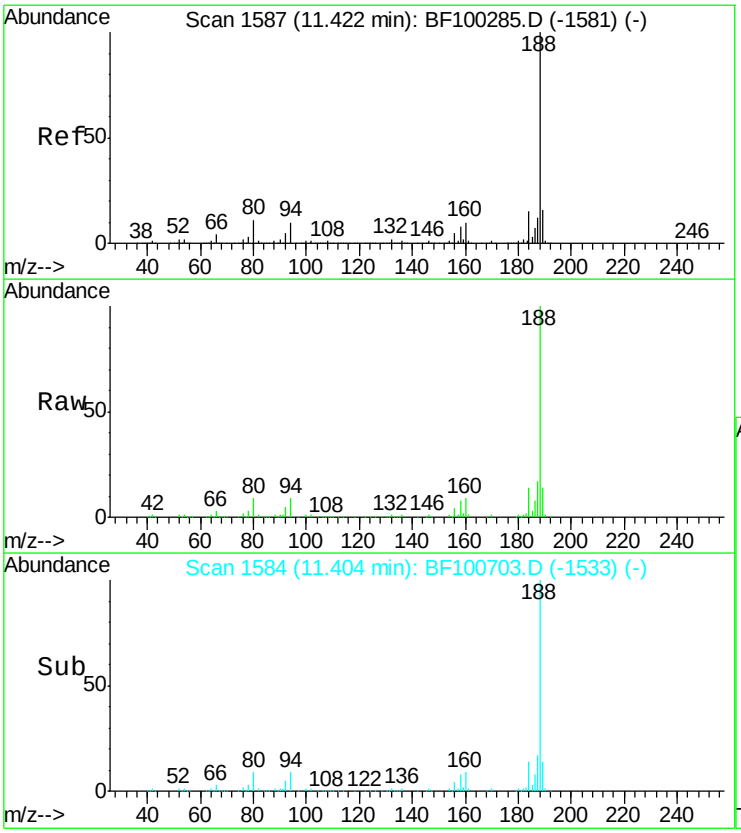
#56
2,4-Dinitrotoluene
Concen: 6.82 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

Instrument :
BNA_F
ClientSampleId :
HL-15A

Tgt Ion:165 Resp: 19590

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

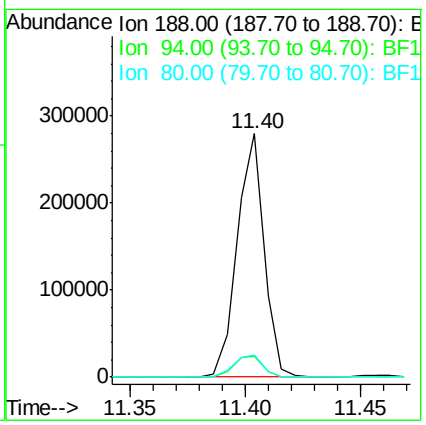


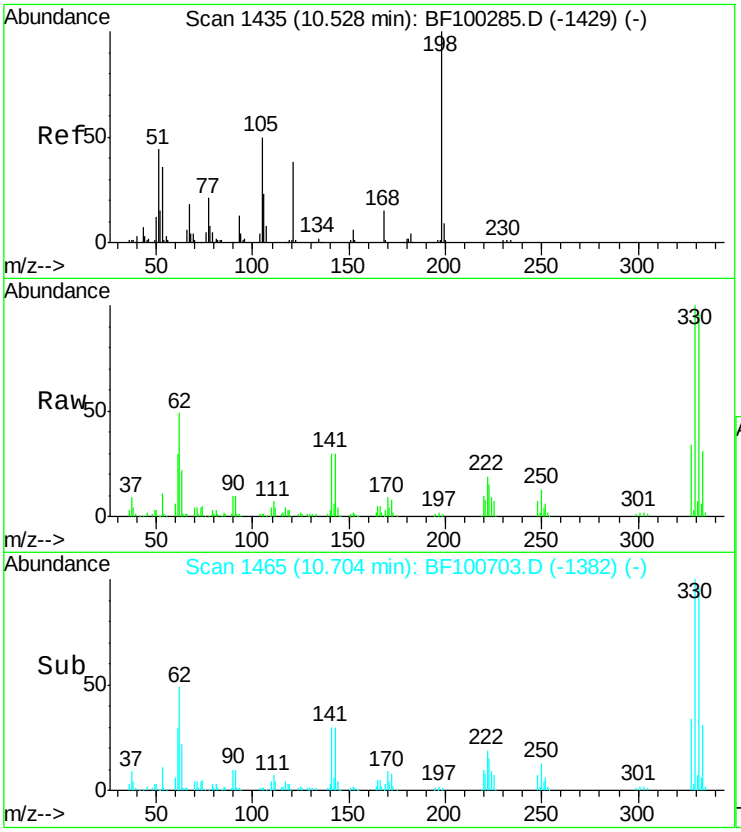


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

Tgt Ion:188 Resp: 227866

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.1	9.2	13.8#



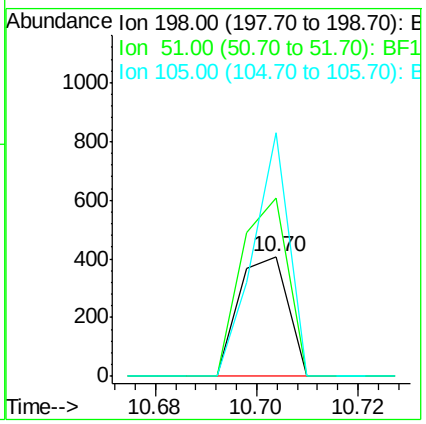


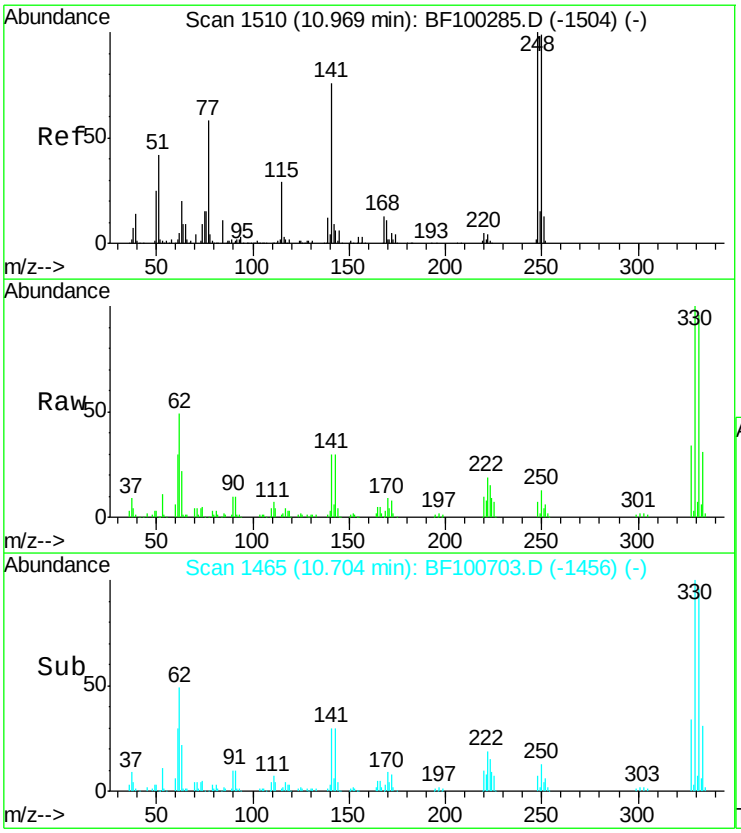
#64
4,6-Dinitro-2-methylphenol
Concen: 8.77 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

Instrument :
BNA_F
ClientSampleId :
HL-15A

Tgt Ion:198 Resp: 274

Ion	Ratio	Lower	Upper
198	100		
51	149.0	37.7	77.7#
105	203.2	36.3	76.3#

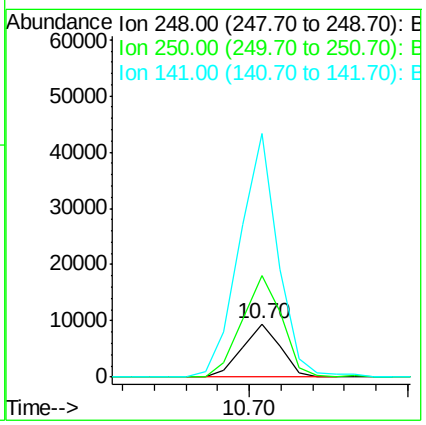


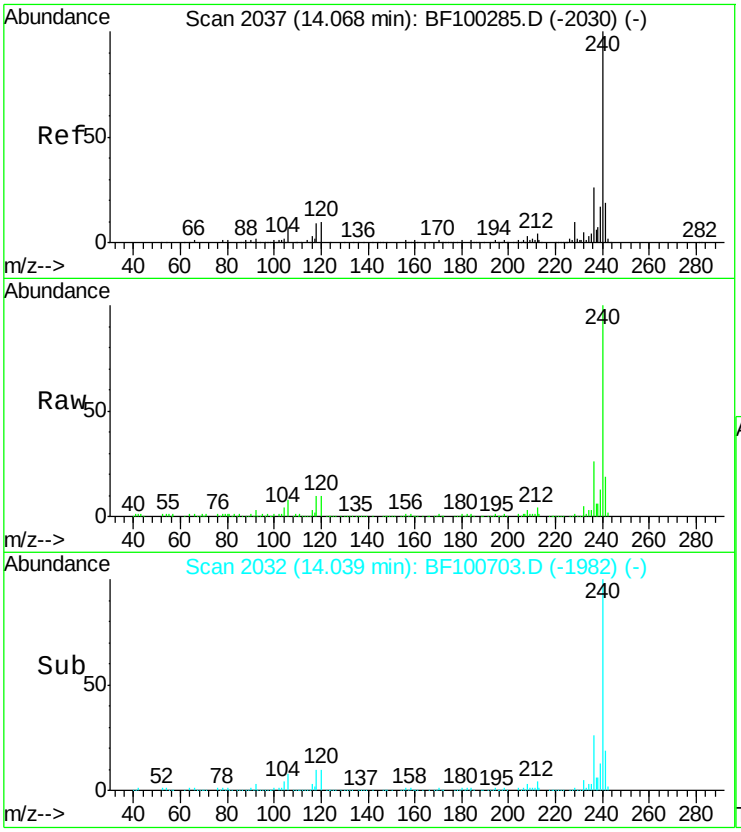


#66
4-Bromophenyl-phenylether
Concen: 3.23 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

Tgt Ion:248 Resp: 7902

Ion	Ratio	Lower	Upper
248	100		
250	190.1	76.9	115.3#
141	456.3	74.4	111.6#



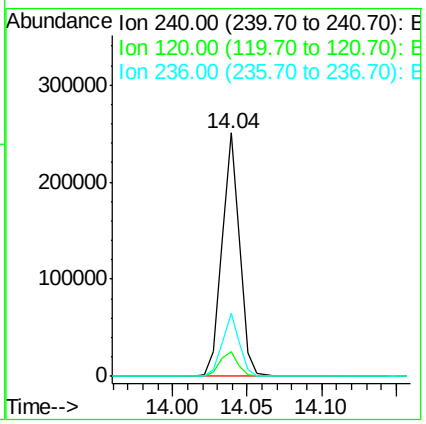


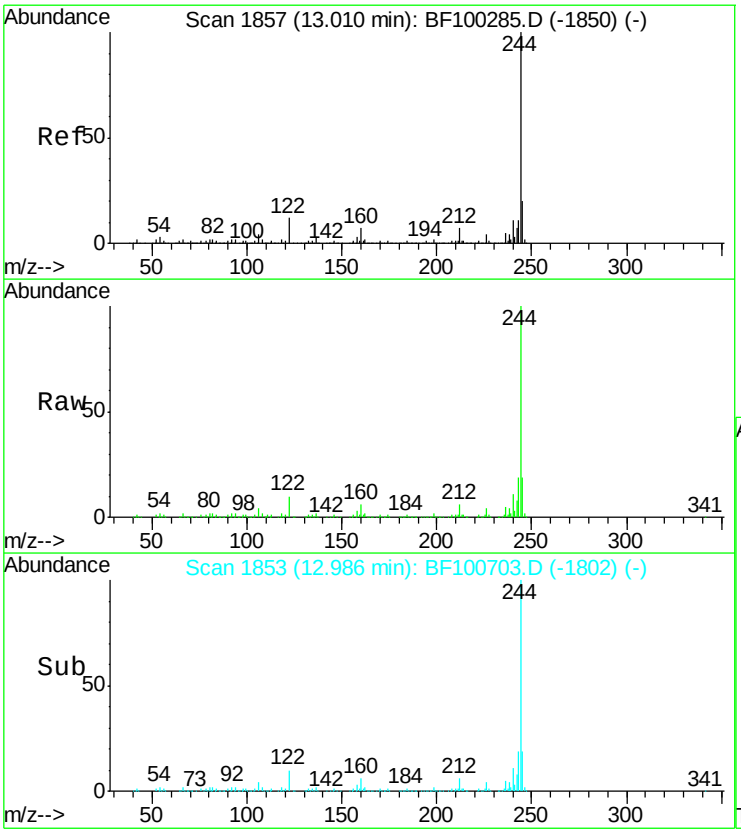
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

Instrument :
BNA_F
ClientSampleId :
HL-15A

Tgt Ion:240 Resp: 212162

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	25.7	20.7	31.1

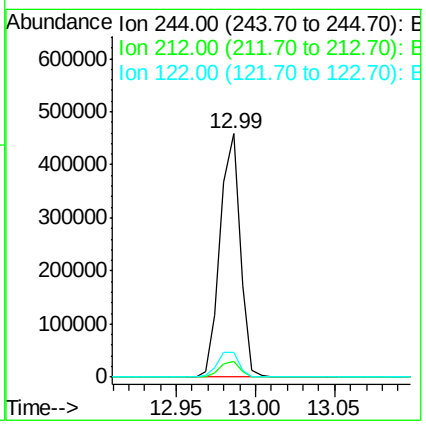


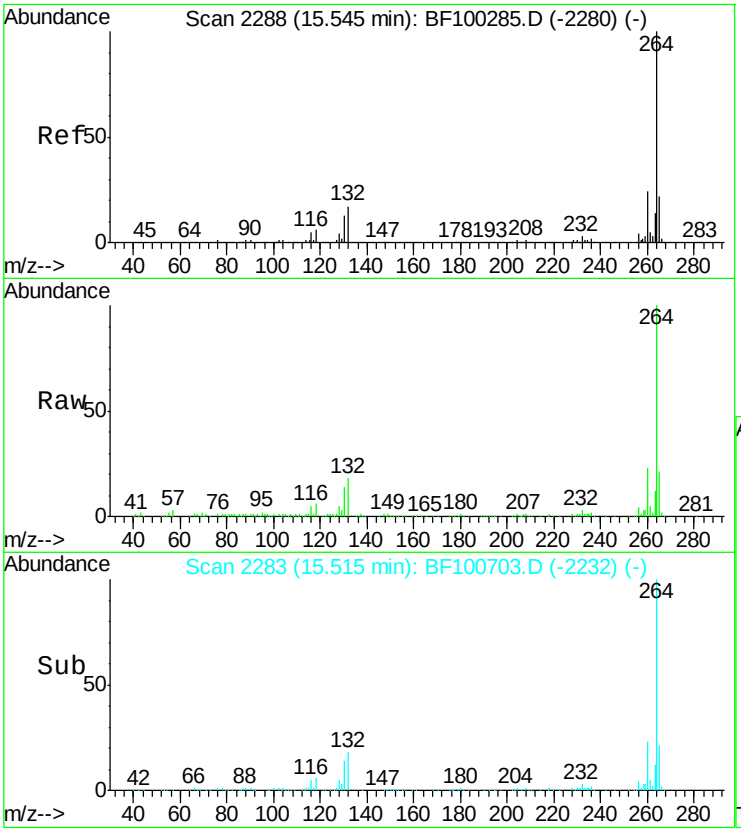


#78
Terphenyl-d14
Concen: 43.75 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

Tgt Ion:244 Resp: 403929

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	10.3	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: BF100703.D
Acq: 18 Nov 2017 4:38

Instrument :
BNA_F
ClientSampleId :
HL-15A

Tgt Ion:264 Resp: 182914

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	17.5	26.3