Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100573.D
Acq On : 15 Nov 2017 7:00
Operator : SJ/JU
Sample : I6441-30
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 15 11:10:18 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 14:17:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	111359	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	406092	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	153133	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	247185	20.00	ng		0.00
75) Chrysene-d12	14.04	240	245156	20.00	ng		-0.01
86) Perylene-d12	15.52	264	165102	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	772615	111.22	ng		0.02
7) Phenol-d6	6.51	99	849952	99.22	ng		0.00
23) Nitrobenzene-d5	7.45	82	704003	114.61	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	185572	118.92	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1178737	117.21	ng		0.00
78) Terphenyl-d14	12.99	244	927320	86.91	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.66	77	15888	2.597	ng		82
19) n-Nitroso-di-n-propylamine	7.45	70	93791	15.787	ng	#	80
25) Isophorone	7.45	82	703995	54.541	ng	#	64
26) 2-Nitrophenol	7.54	139	285	5.464	ng	#	34
47) 2-Nitroaniline	9.24	65	1666	3.337	ng	#	1
50) 2,6-Dinitrotoluene	9.92	165	18989	8.205	ng	#	24
56) 2,4-Dinitrotoluene	9.92	165	18989	6.504	ng	#	21
64) 4,6-Dinitro-2-methylphenol	10.71	198	470	8.879	ng	#	67
66) 4-Bromophenyl-phenylether	10.70	248	11237	4.241	ng	#	1

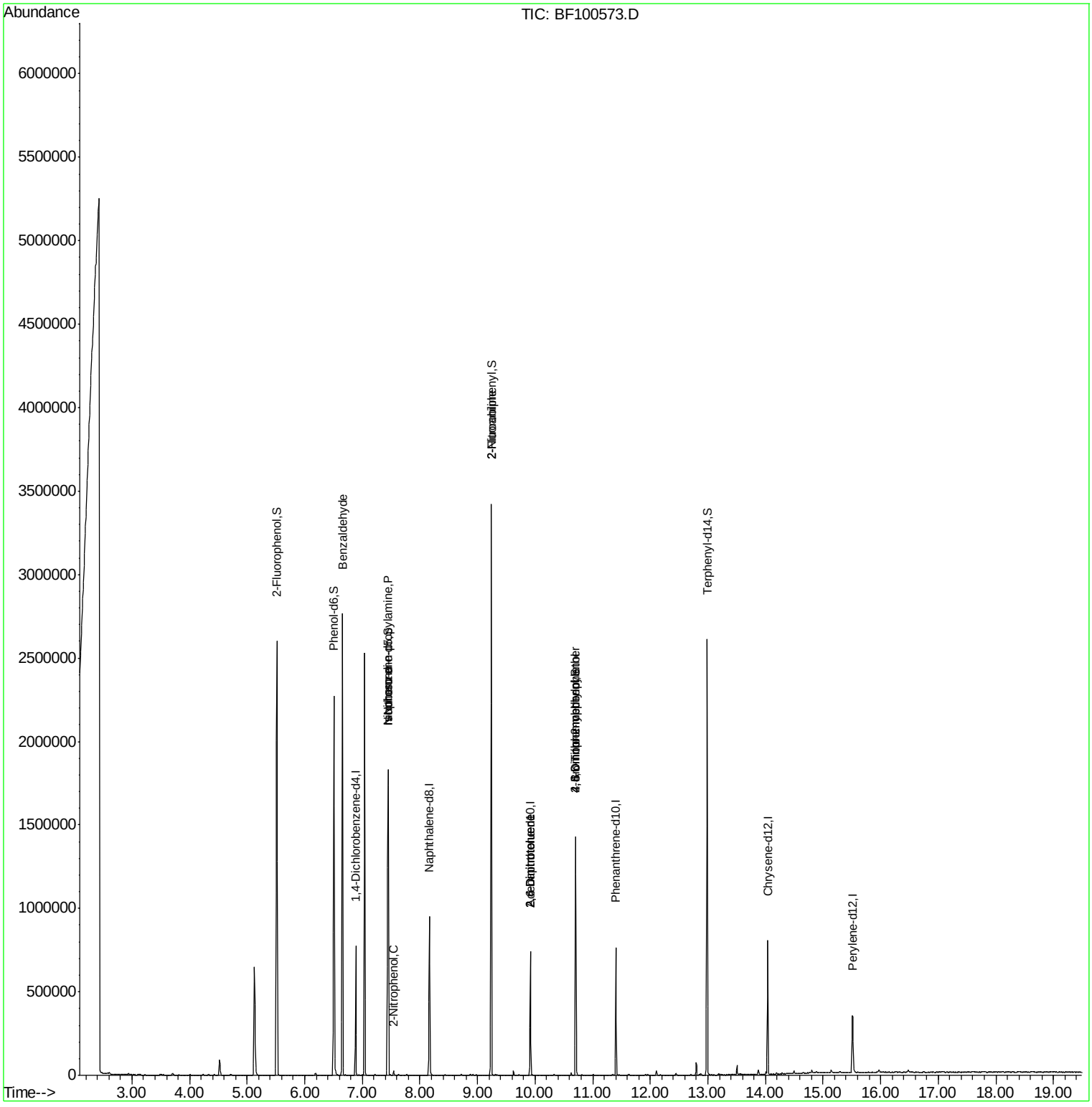
(#) = qualifier out of range (m) = manual integration (+) = signals summed

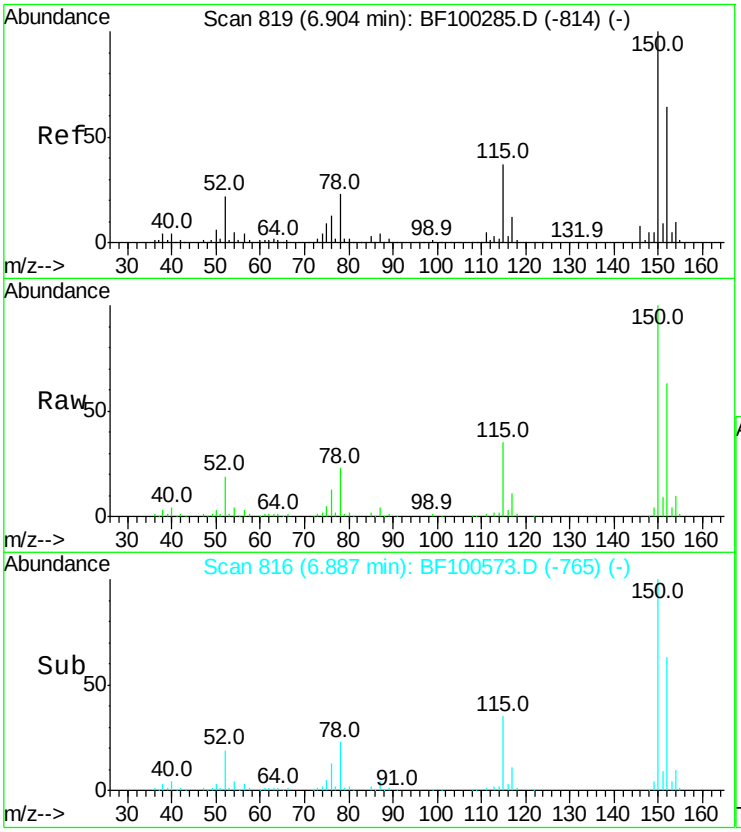
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100573.D
Acq On : 15 Nov 2017 7:00
Operator : SJ/JU
Sample : I6441-30
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 15 11:10:18 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 14:17:16 2017
Response via : Initial Calibration



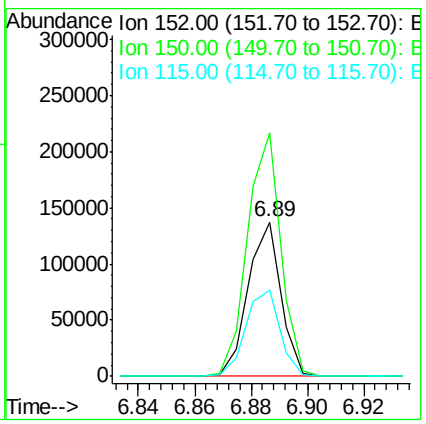


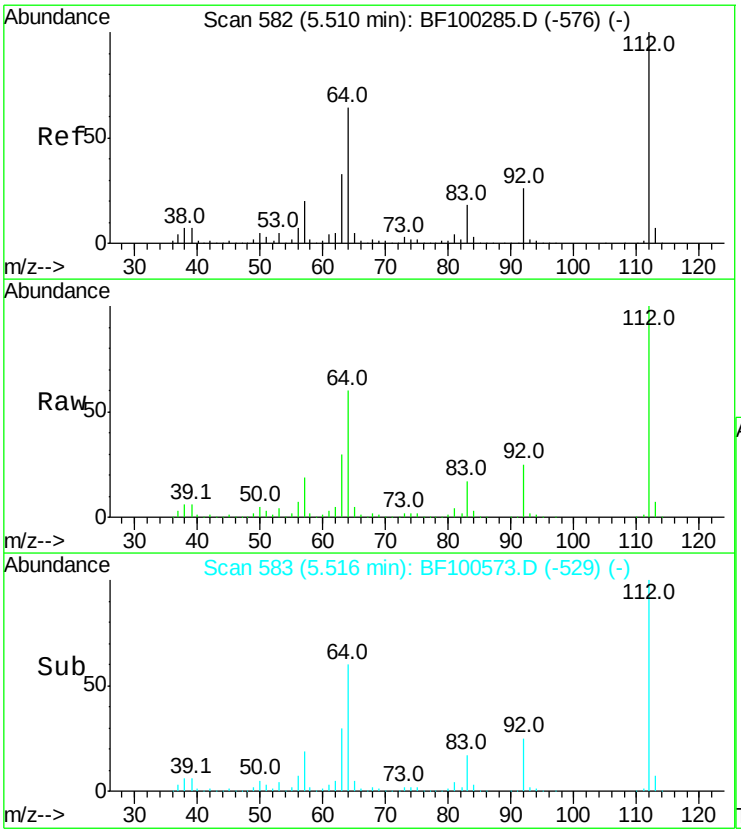
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 111359

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	55.7	50.1	75.1

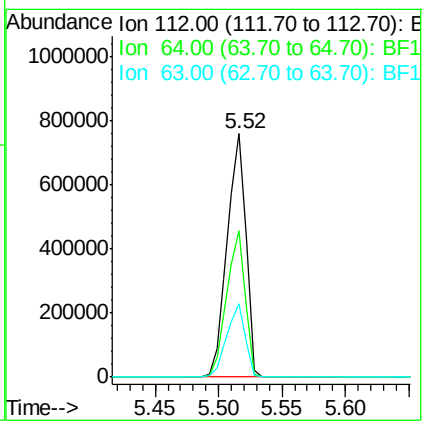


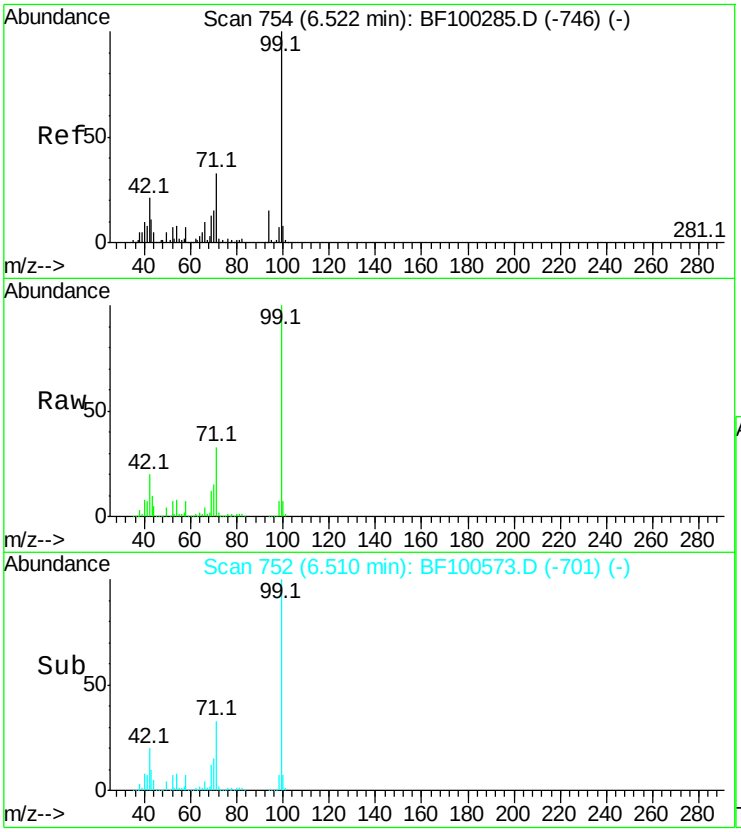


#5
2-Fluorophenol
Concen: 111.216 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Tgt Ion:112 Resp: 772615

Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	30.3	23.7	35.5



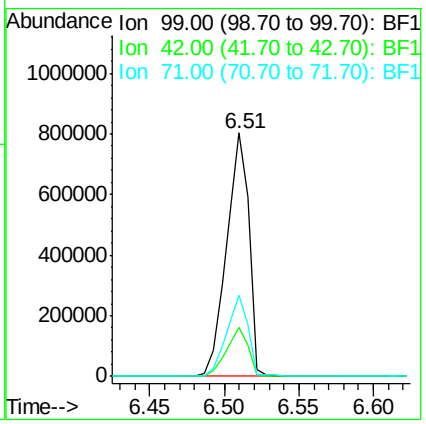


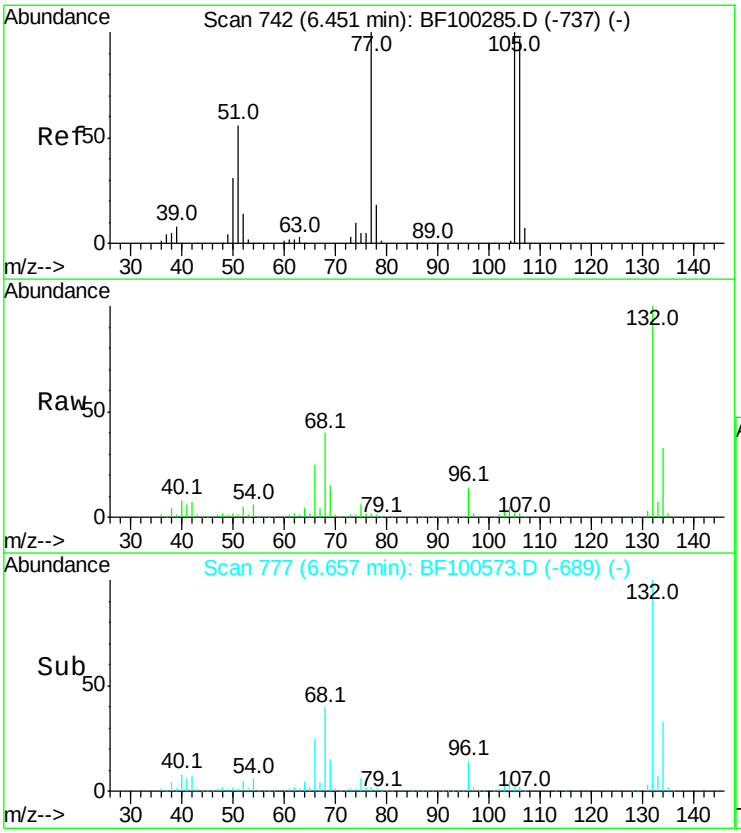
#7
Phenol-d6
Concen: 99.218 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 849952

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	33.1	25.4	38.0

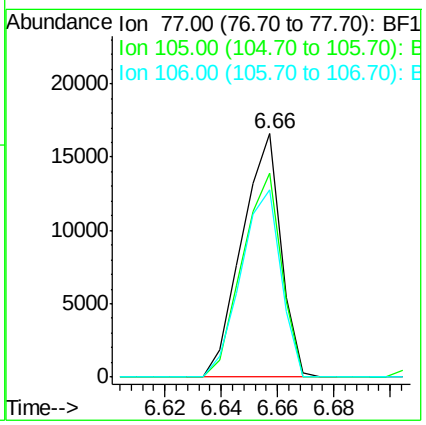


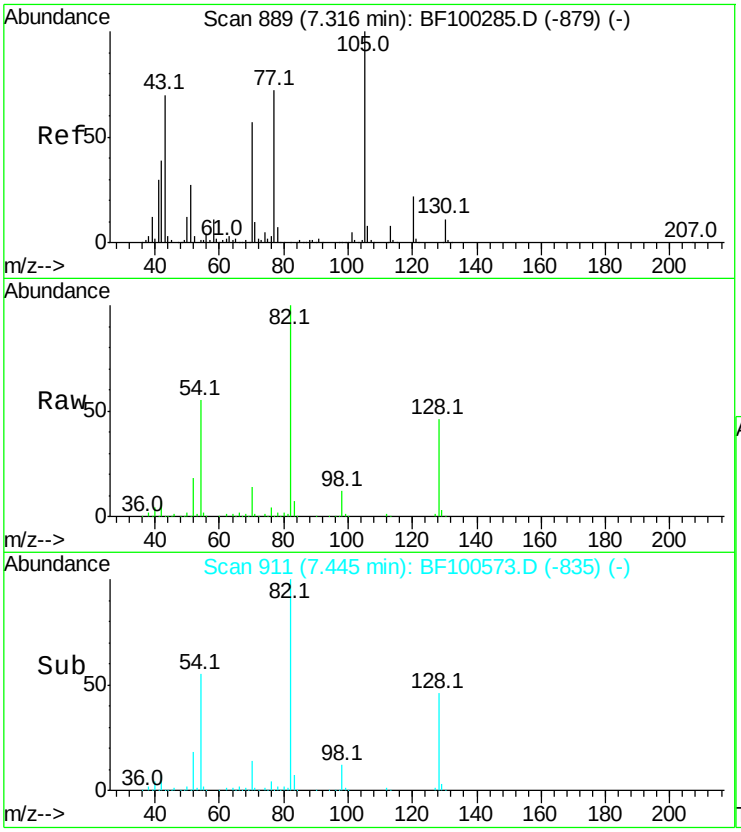


#9
Benzaldehyde
Concen: 2.597 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.22 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Tgt Ion: 77 Resp: 15888

Ion	Ratio	Lower	Upper
77	100		
105	83.9	81.1	121.1
106	76.7	74.5	114.5



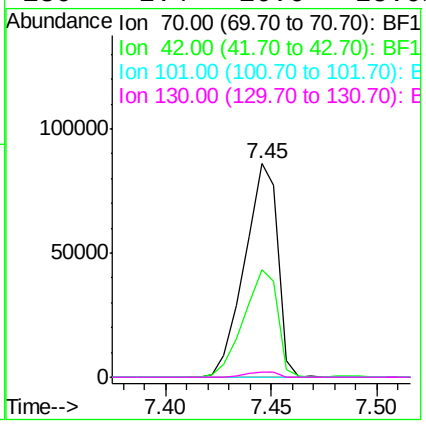


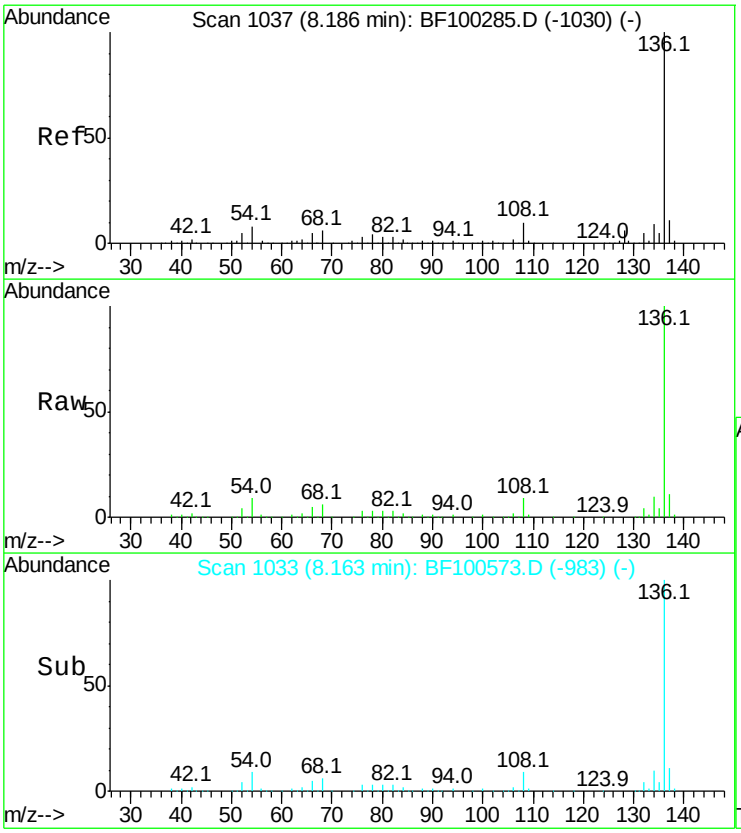
#19
n-Nitroso-di-n-propylamine
Concen: 15.787 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 93791

Ion	Ratio	Lower	Upper
70	100		
42	50.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

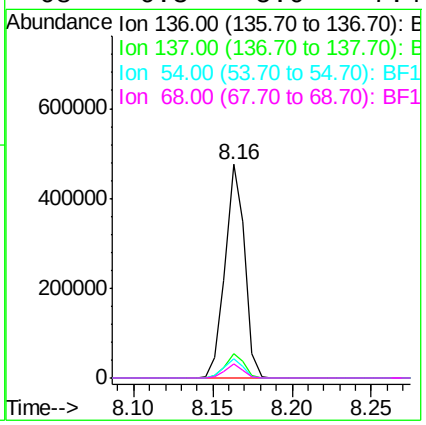


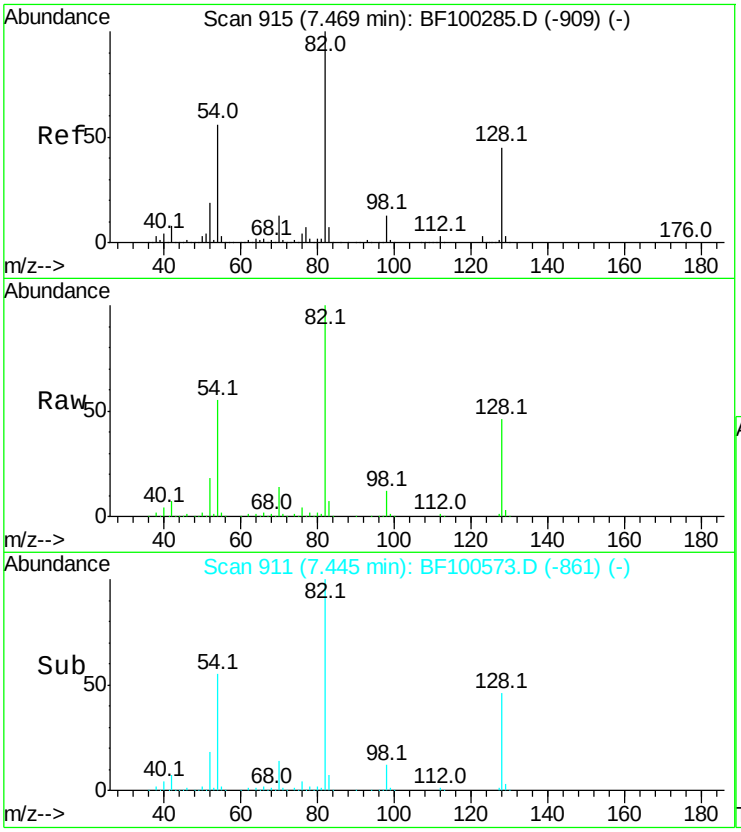


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Tgt Ion:136 Resp: 406092

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.1	6.6	9.8
68	6.3	5.0	7.4



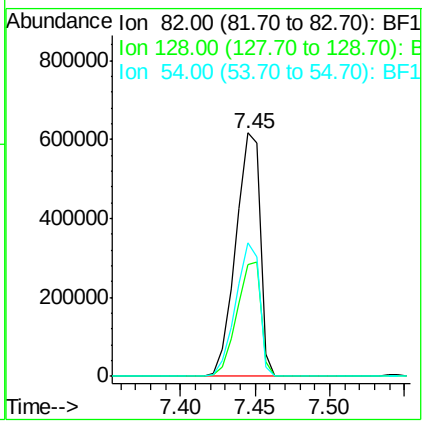


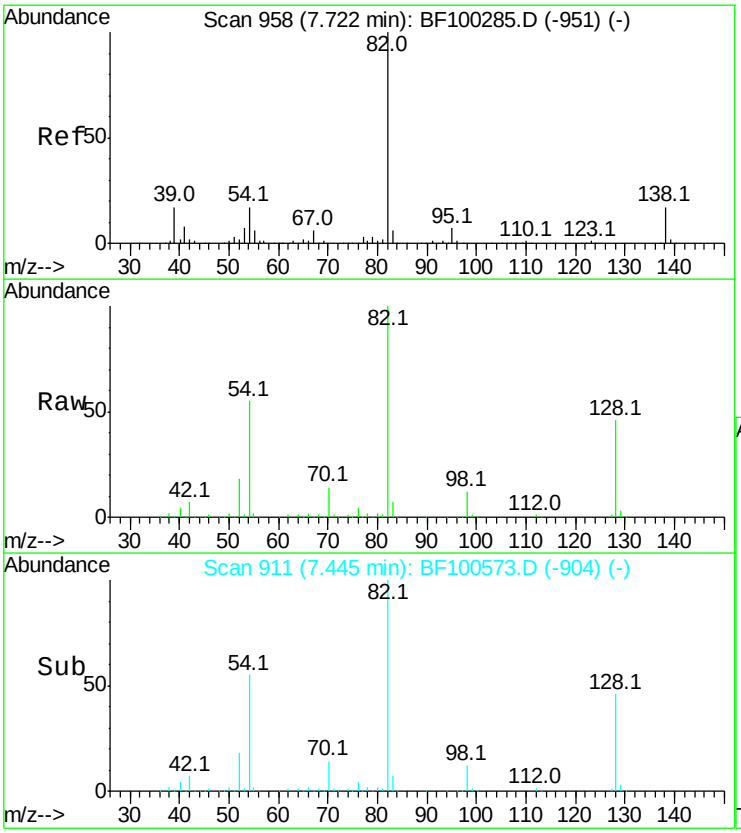
#23
Nitrobenzene-d5
Concen: 114.614 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 704003

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	55.1	41.4	62.2

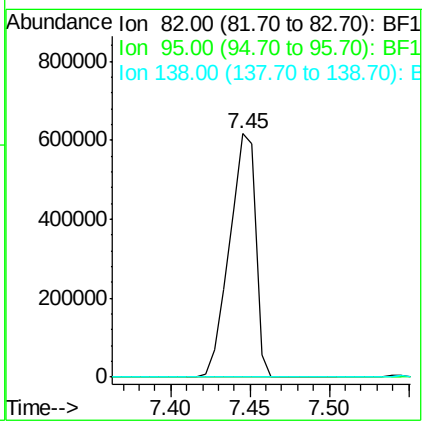


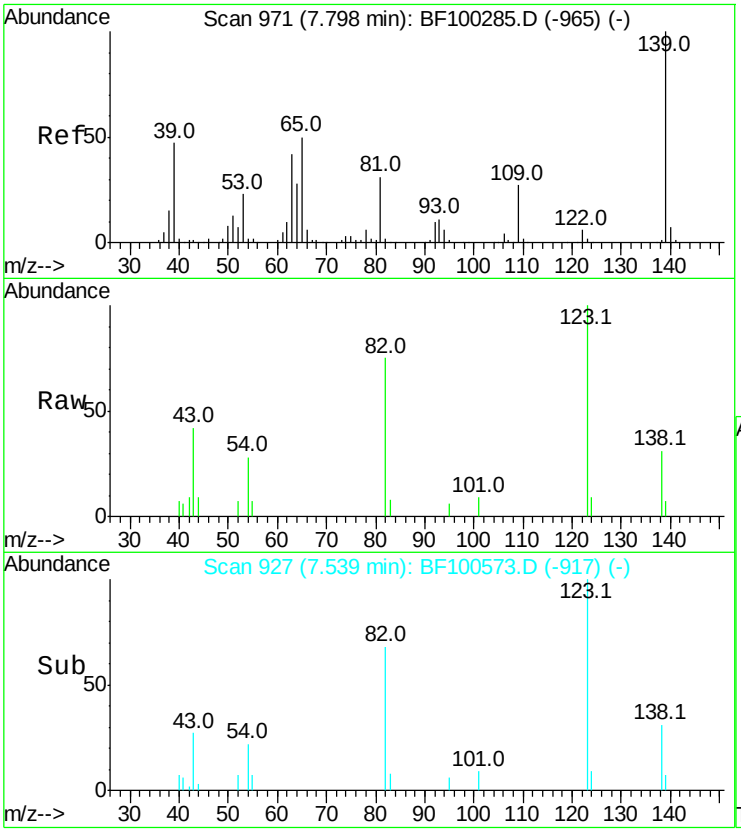


#25
Isophorone
Concen: 54.541 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Tgt Ion: 82 Resp: 703995

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



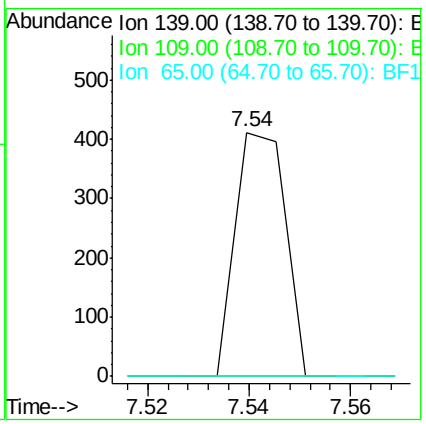


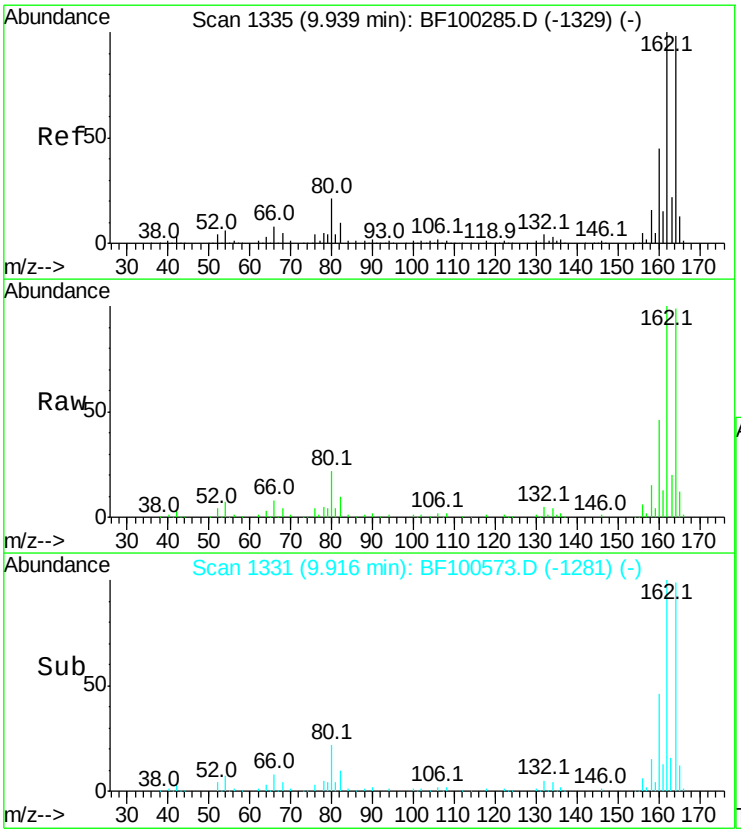
#26
2-Nitrophenol
Concen: 5.464 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.24 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 285

Ion	Ratio	Lower	Upper
139	100		
109	0.0	22.7	34.1#
65	0.0	40.5	60.7#

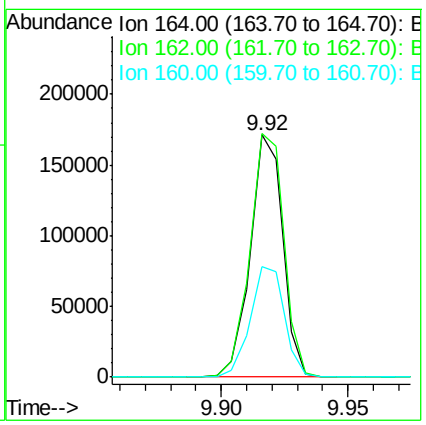


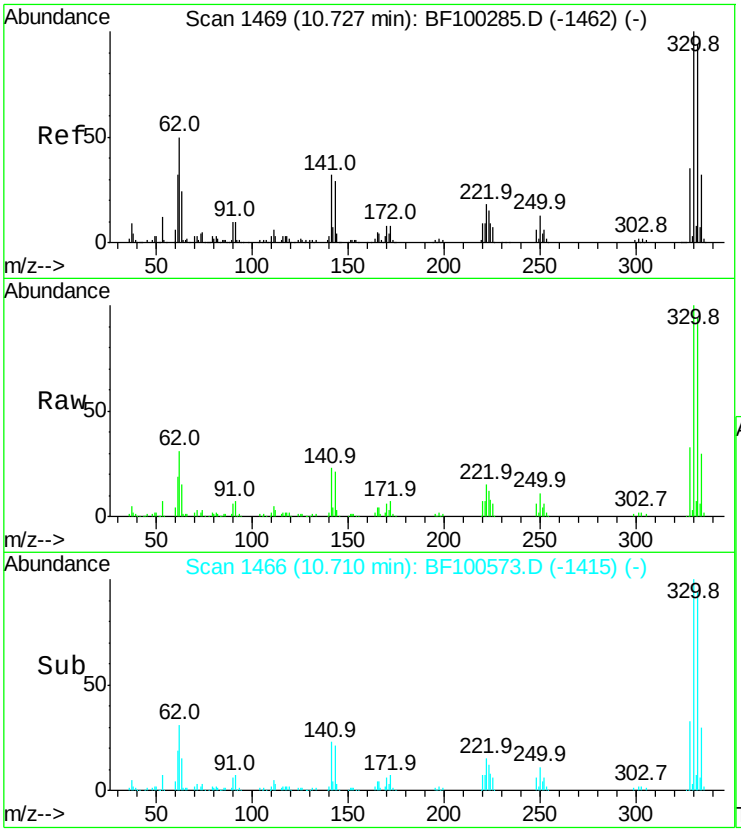


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Tgt Ion:164 Resp: 153133

Ion	Ratio	Lower	Upper
164	100		
162	100.7	86.1	129.1
160	45.9	38.3	57.5



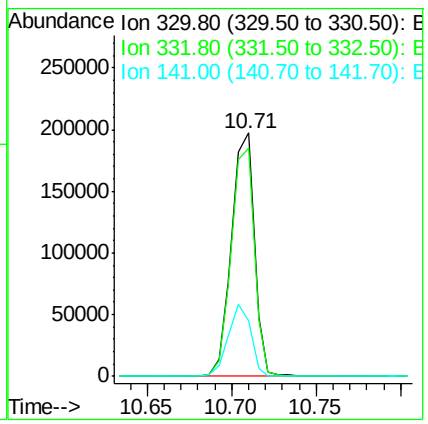


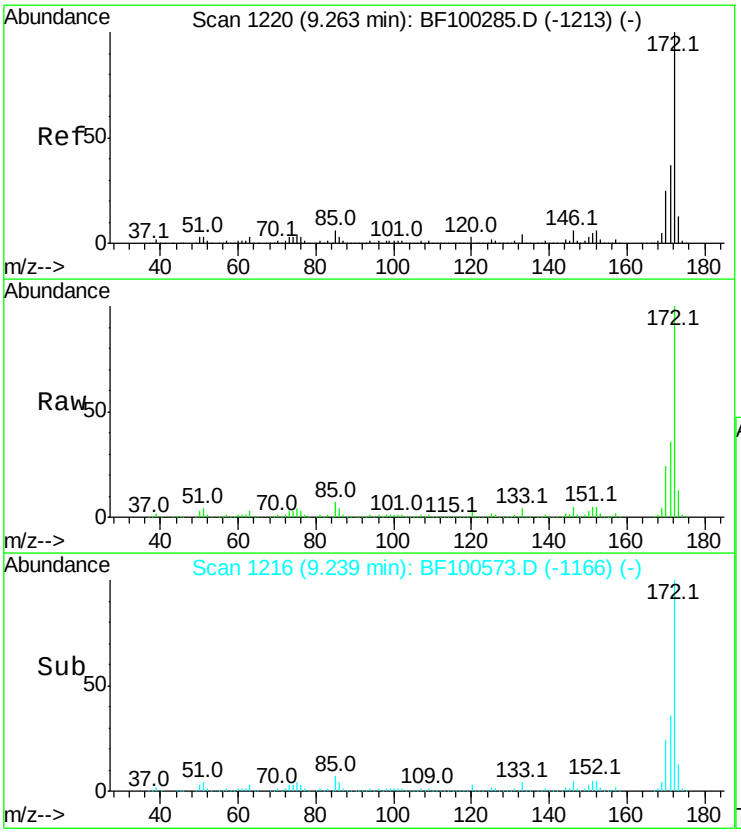
#41
2,4,6-Tribromophenol
Concen: 118.924 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 185572

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	29.1	29.9	44.9#

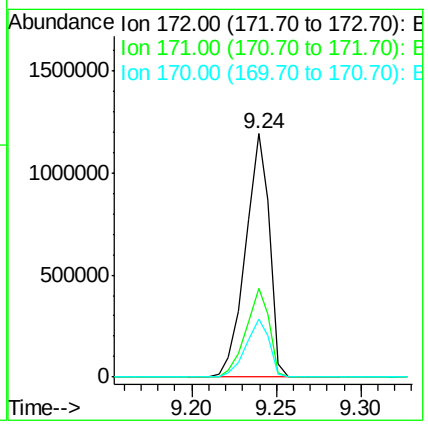


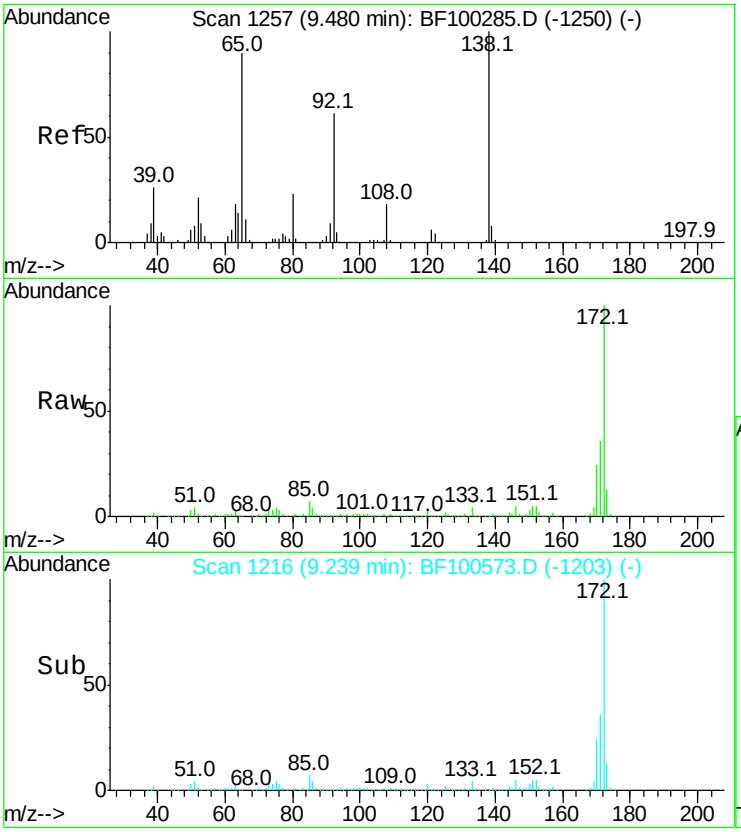


#44
2-Fluorobiphenyl
Concen: 117.210 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Tgt Ion:172 Resp: 1178737

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	19.6	29.4



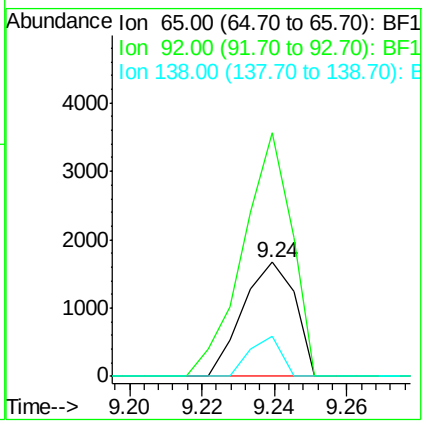


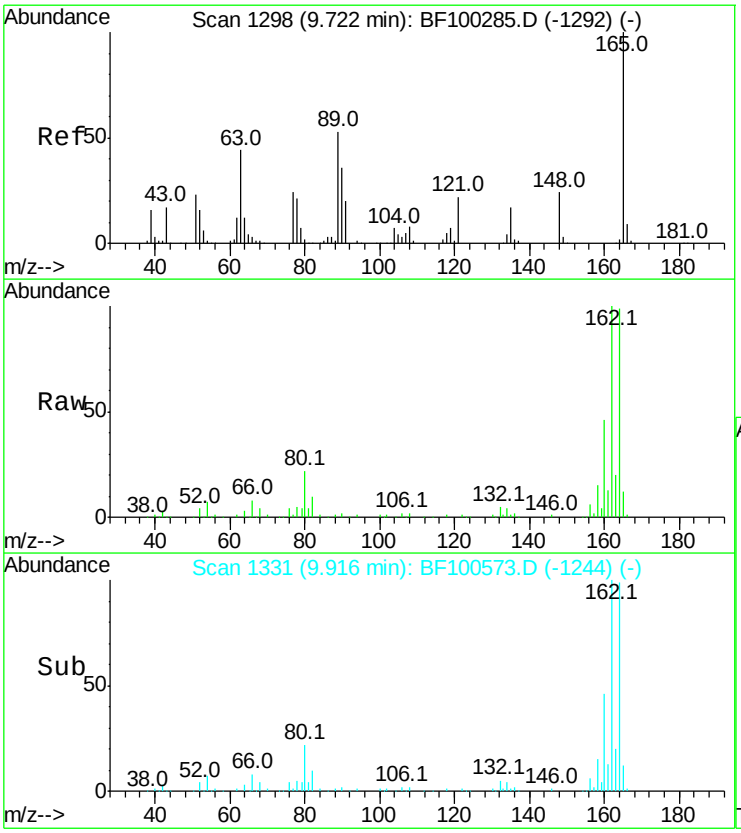
#47
2-Nitroaniline
Concen: 3.337 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.22 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 1666

Ion	Ratio	Lower	Upper
65	100		
92	213.4	55.8	83.6#
138	35.0	91.2	136.8#

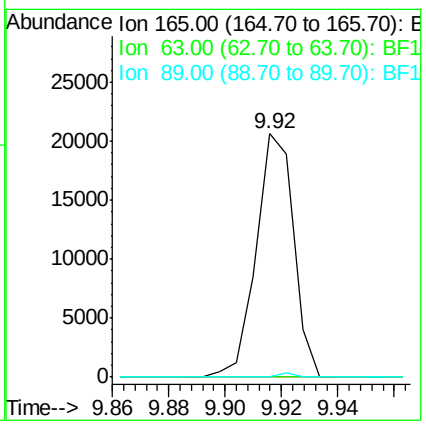


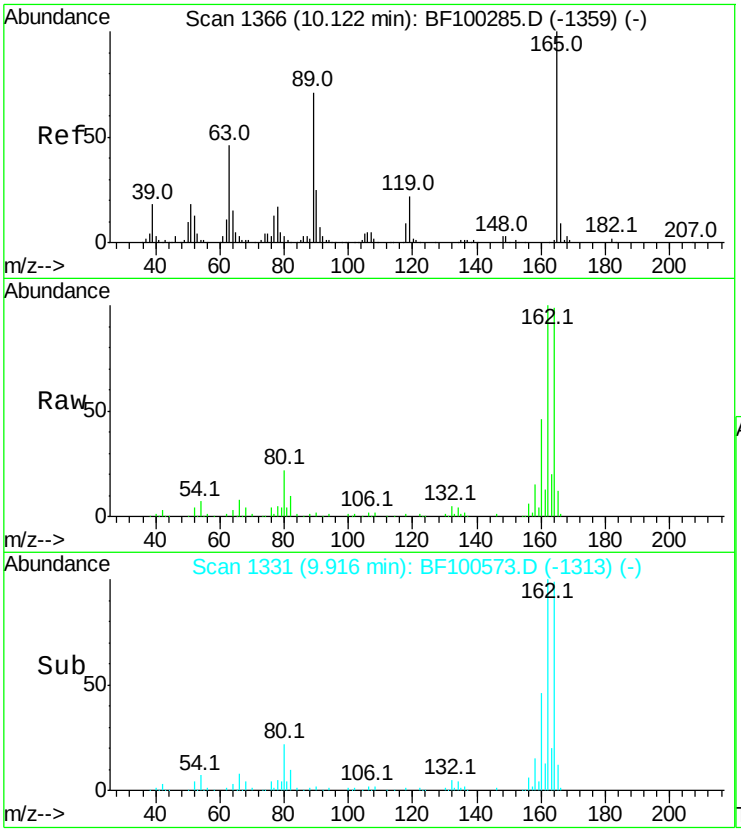


#50
2,6-Dinitrotoluene
Concen: 8.205 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Tgt Ion:165 Resp: 18989

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



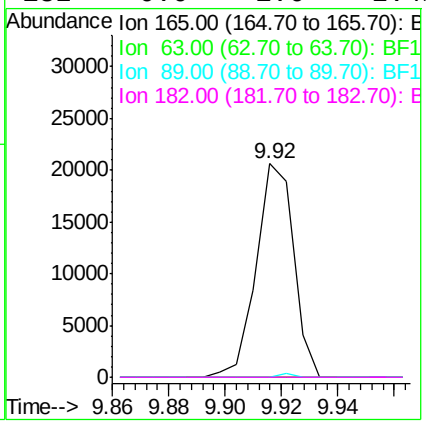


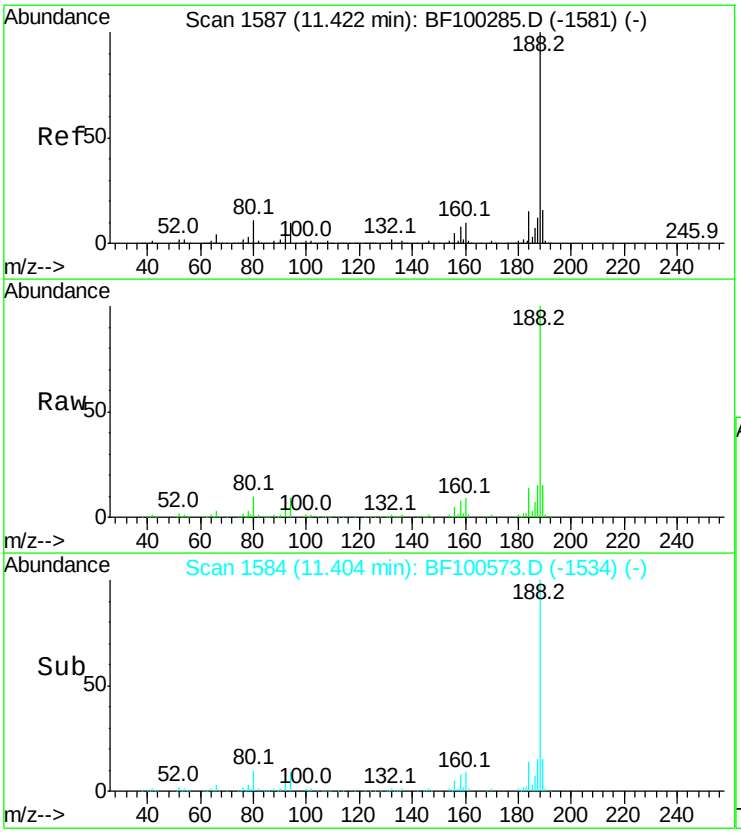
#56
2,4-Dinitrotoluene
Concen: 6.504 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 18989

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#

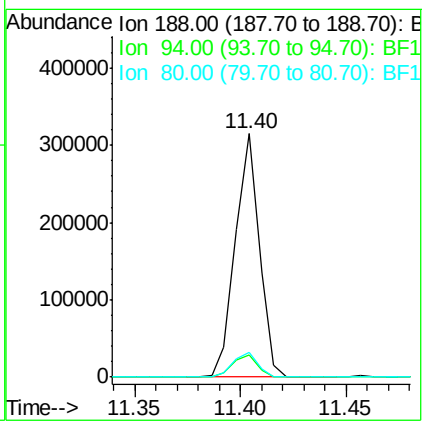


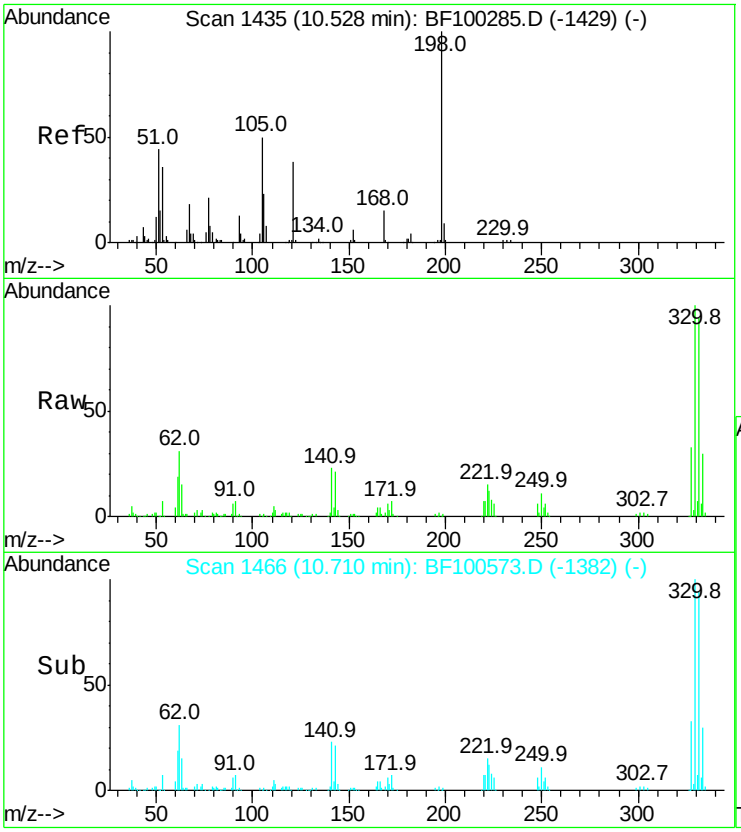


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Tgt Ion:188 Resp: 247185

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.2	9.2	13.8



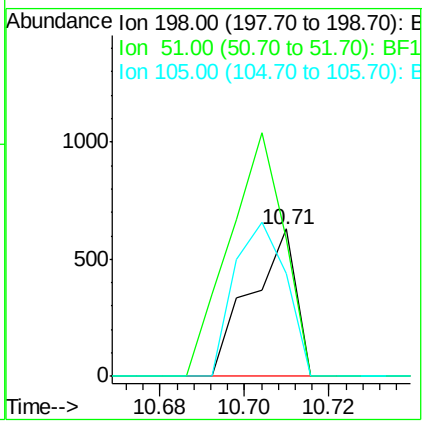


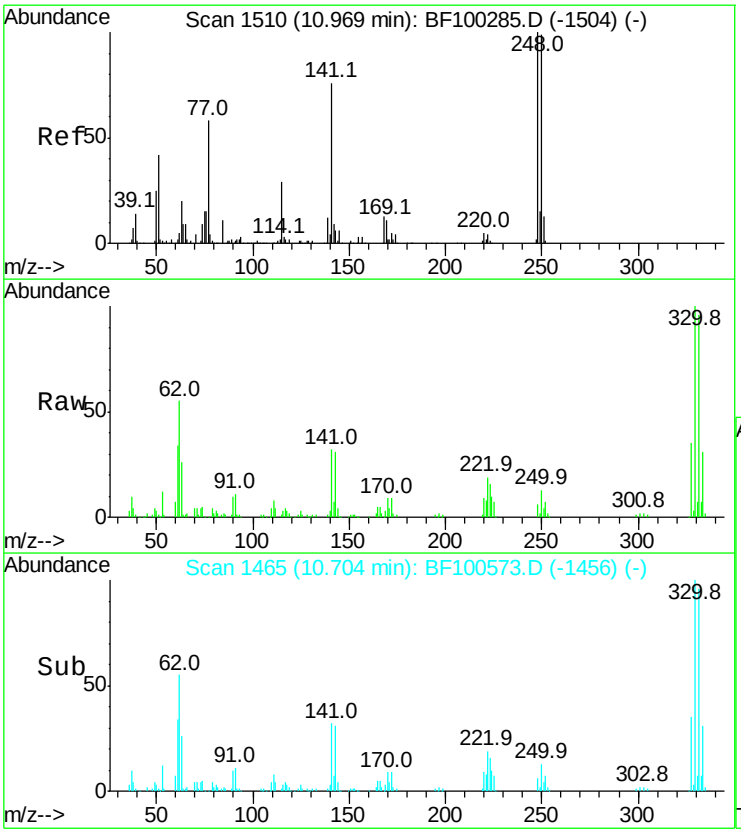
#64
4,6-Dinitro-2-methylphenol
Concen: 8.879 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 470

Ion	Ratio	Lower	Upper
198	100		
51	93.0	37.7	77.7#
105	69.8	36.3	76.3

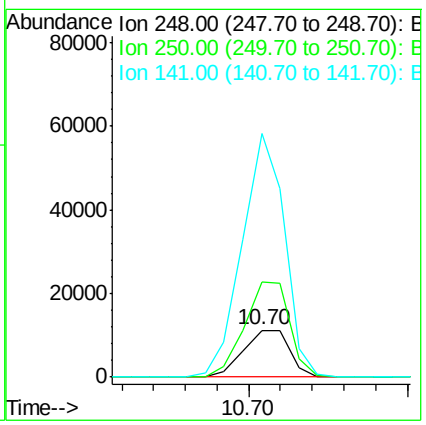


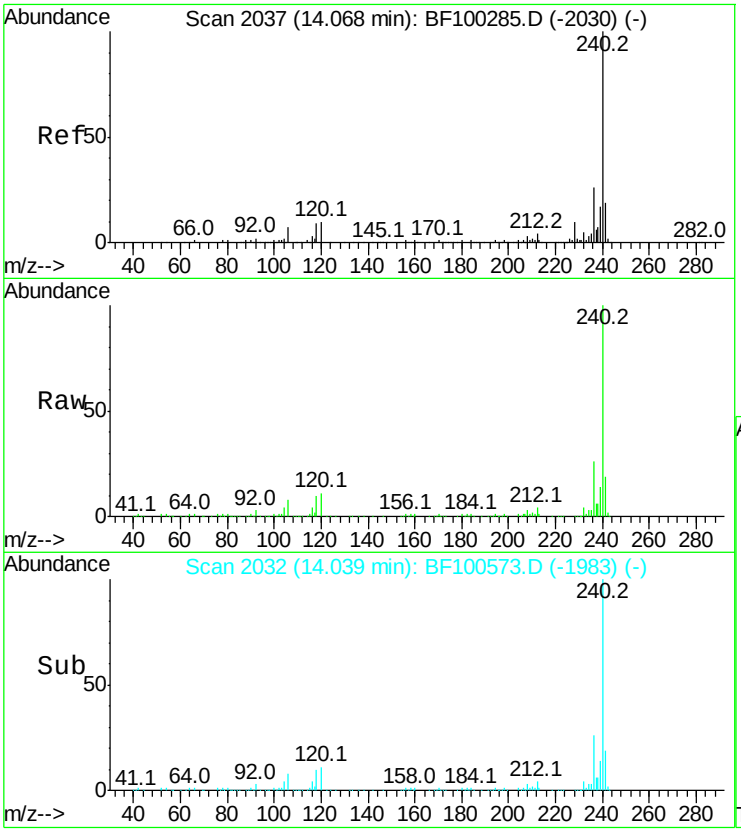


#66
4-Bromophenyl-phenylether
Concen: 4.241 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Tgt Ion:248 Resp: 11237

Ion	Ratio	Lower	Upper
248	100		
250	204.6	76.9	115.3#
141	521.7	74.4	111.6#



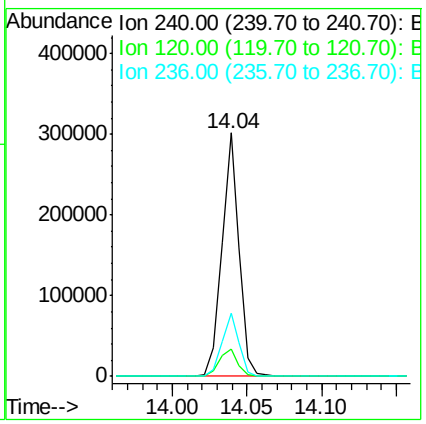


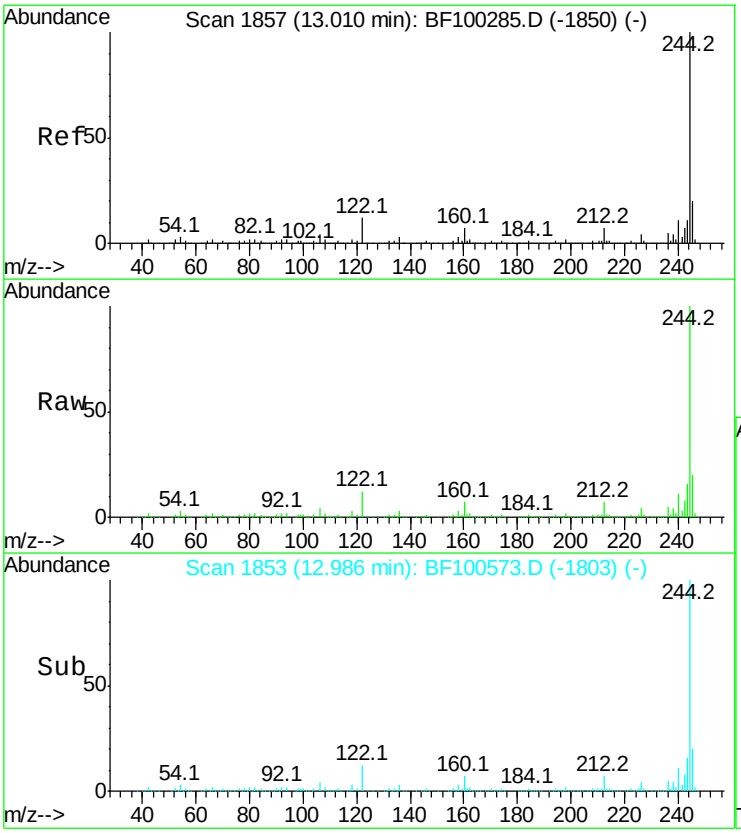
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 245156

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.8	20.7	31.1

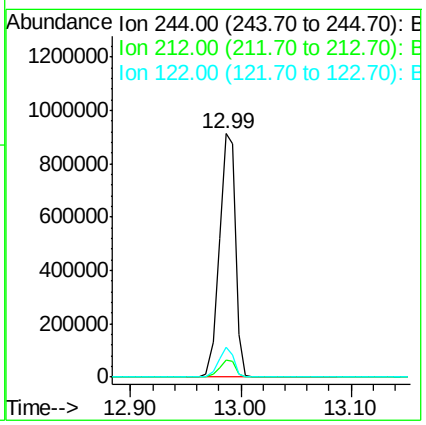


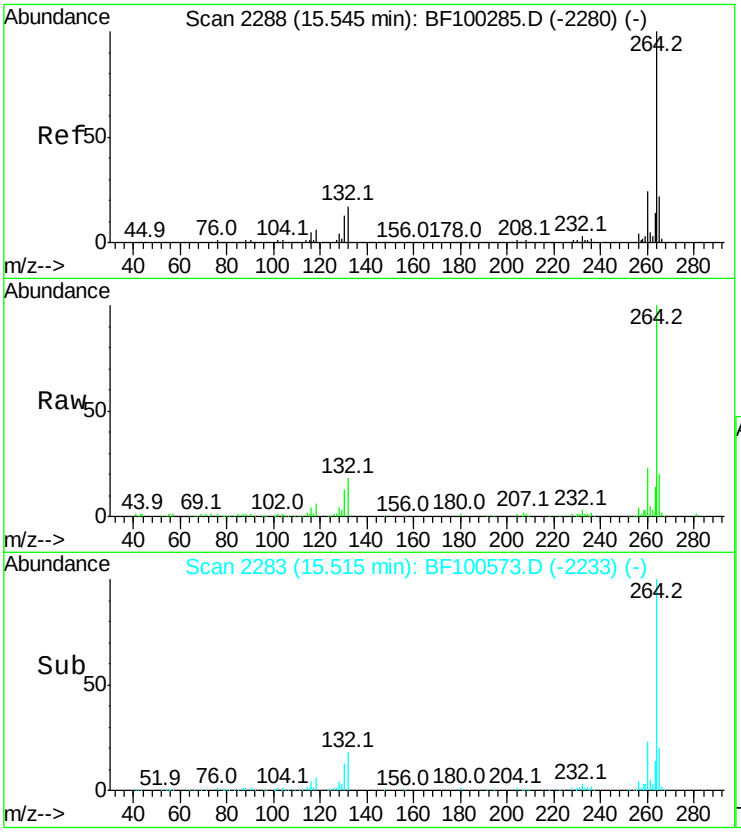


#78
Terphenyl-d14
Concen: 86.912 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Tgt Ion:244 Resp: 927320

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 165102

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.1	17.5	26.3