Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111117\

Quantitation Report (Not Reviewed)

Data File : BF100450.D
Acq On : 11 Nov 2017 19:31
Operator : SJ/JU
Sample : I6389-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-15

Quant Time: Nov 13 01:11:49 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	136538	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	480082	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	176767	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	294380	20.00	ng		0.00
75) Chrysene-d12	14.06	240	298477	20.00	ng		0.00
86) Perylene-d12	15.55	264	205236	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	642401	75.42	ng		0.00
7) Phenol-d6	6.53	99	758219	72.19	ng		0.00
23) Nitrobenzene-d5	7.46	82	440100	60.61	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	128407	71.29	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	705805	60.80	ng		0.00
78) Terphenyl-d14	13.01	244	537930	41.41	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.53	94	34715	3.15	ng		92
19) n-Nitroso-di-n-propylamine	7.46	70	57588	7.91	ng	#	80
25) Isophorone	7.46	82	439463	28.80	ng	#	64
47) 2-Nitroaniline	9.65	65	1000	3.07	ng	#	1
49) Dimethylphthalate	9.65	163	125162	9.27	ng		99
56) 2,4-Dinitrotoluene	9.94	165	22230	6.60	ng	#	22
62) Azobenzene	10.65	77	82515	6.49	ng	#	1
66) 4-Bromophenyl-phenylether	10.73	248	8439	2.67	ng	#	1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111117\

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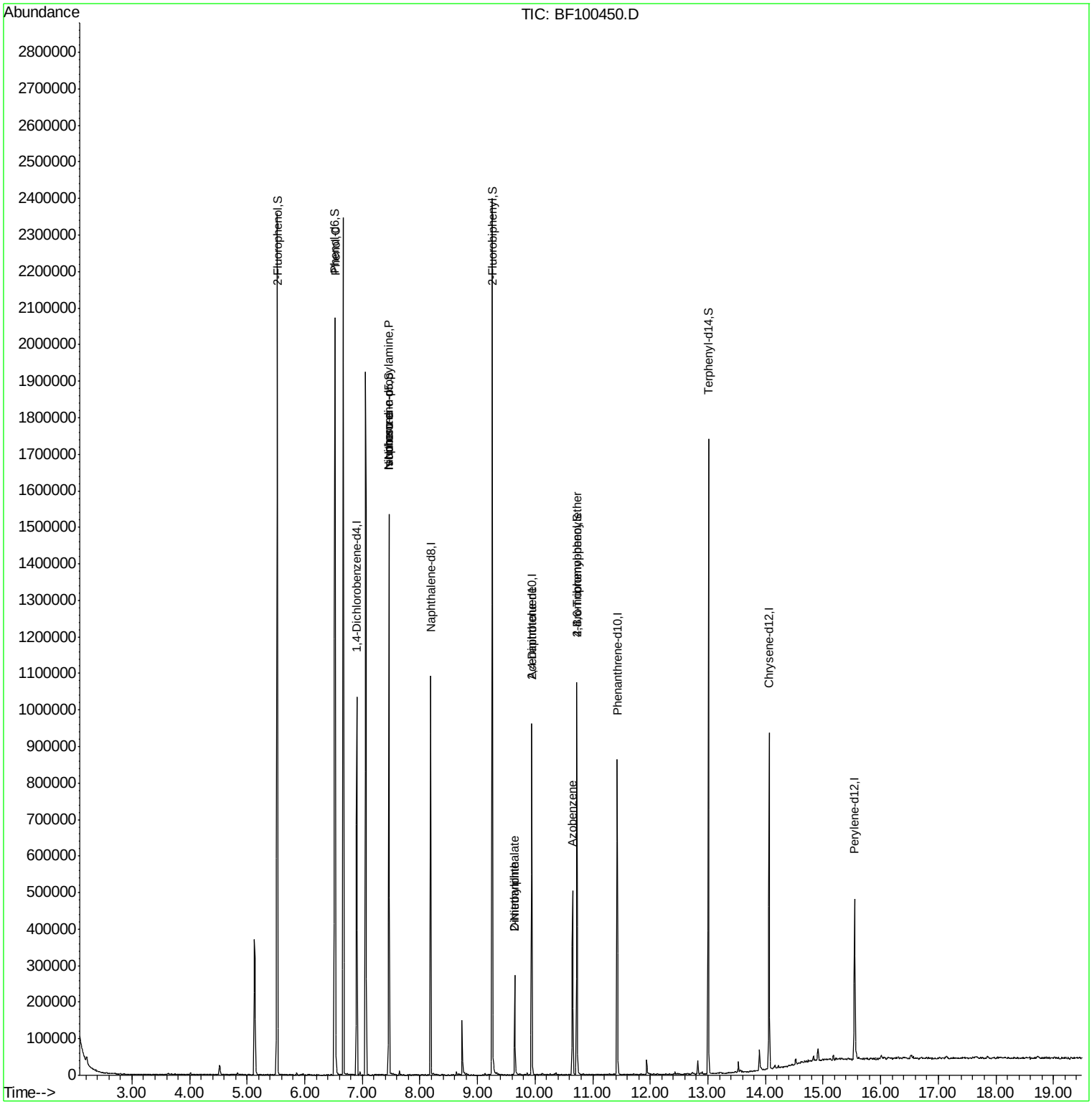
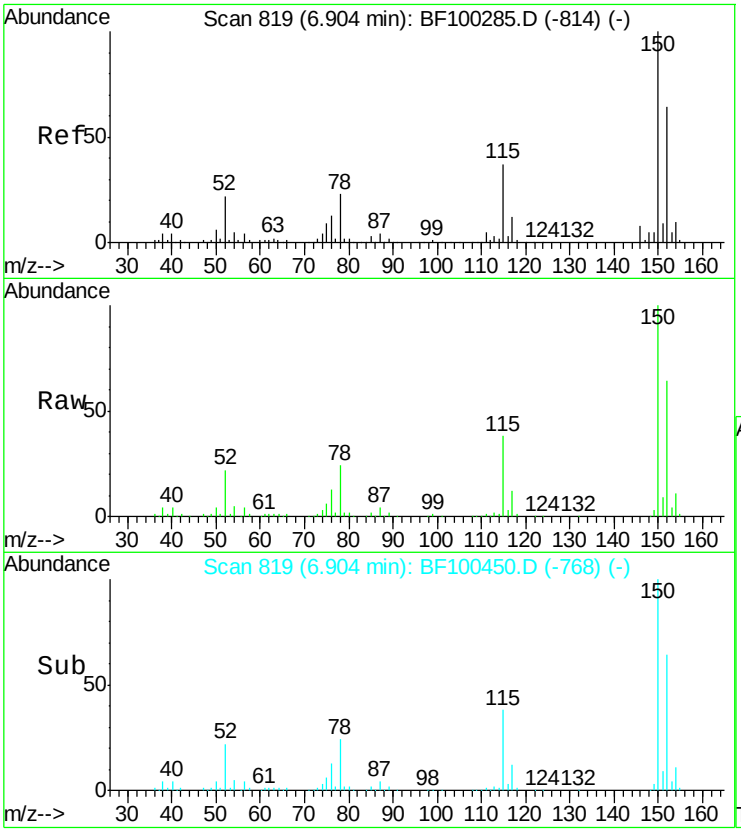


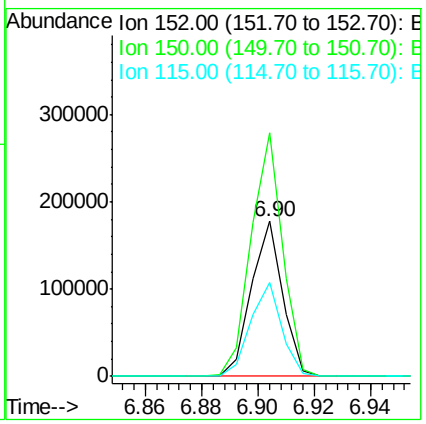


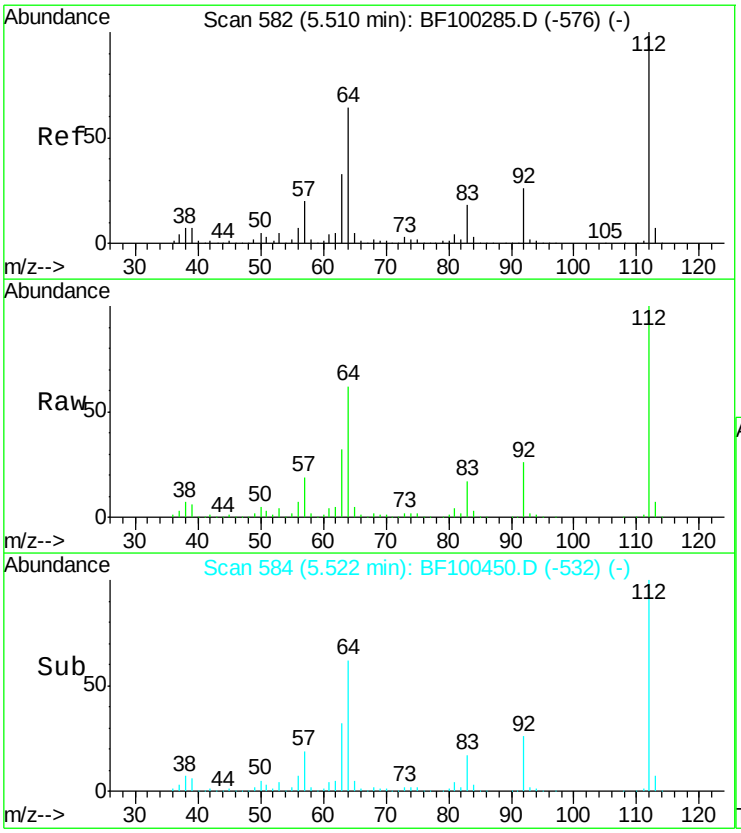
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Instrument :
BNA_F
ClientSampleId :
3N-15

Tgt Ion:152 Resp: 136538

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	60.5	50.1	75.1

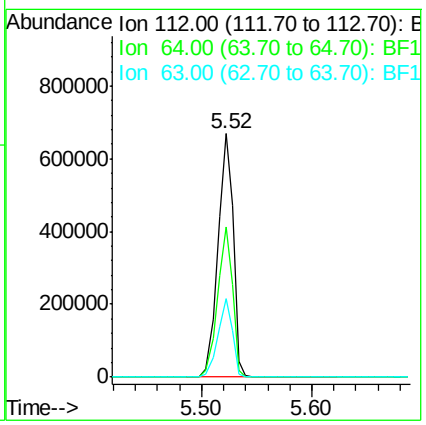


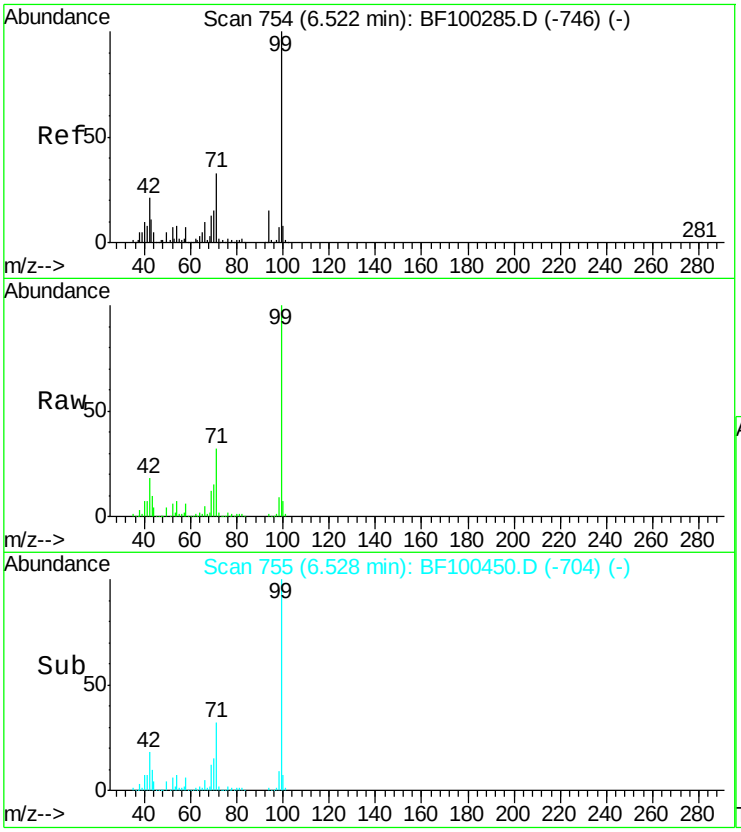


#5
2-Fluorophenol
Concen: 75.42 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Tgt Ion:112 Resp: 642401

Ion	Ratio	Lower	Upper
112	100		
64	61.5	47.9	71.9
63	32.1	23.7	35.5



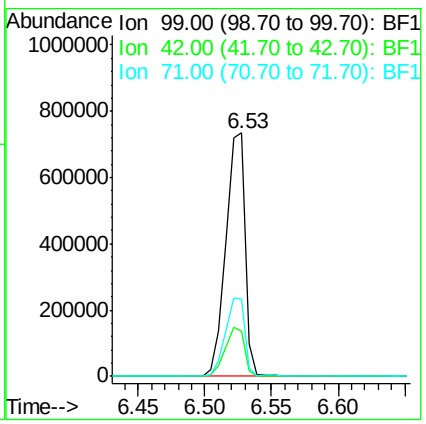


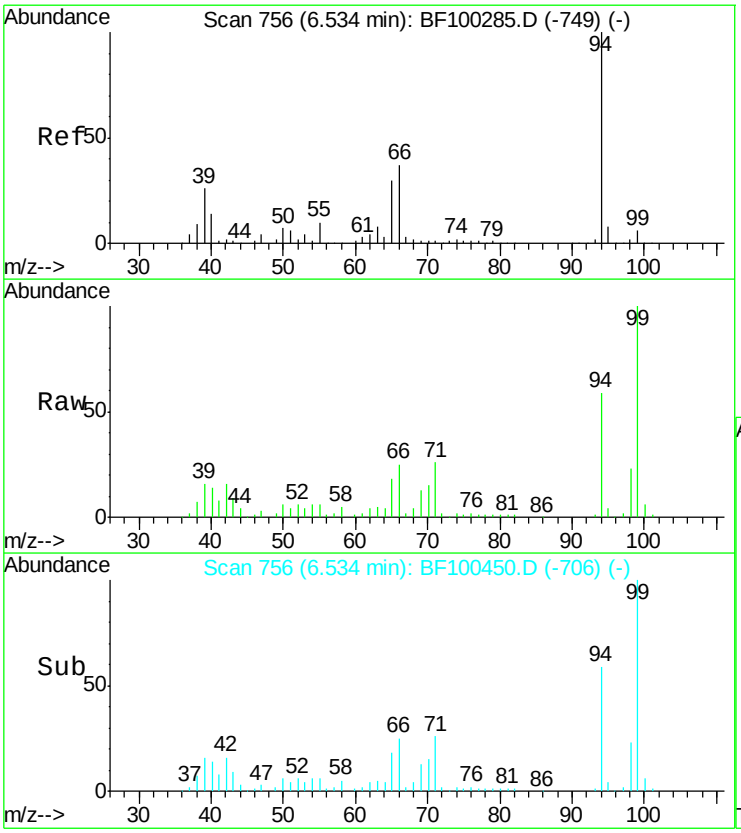
#7
Phenol-d6
Concen: 72.19 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Instrument :
BNA_F
ClientSampleId :
3N-15

Tgt Ion: 99 Resp: 758219

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	31.6	25.4	38.0

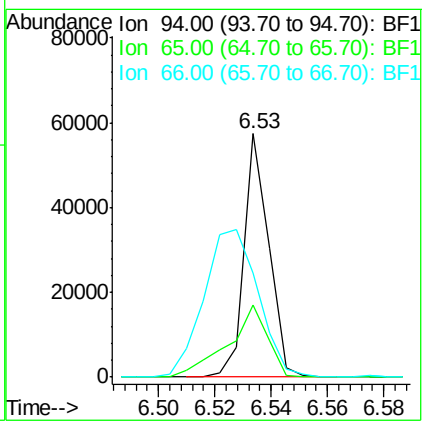


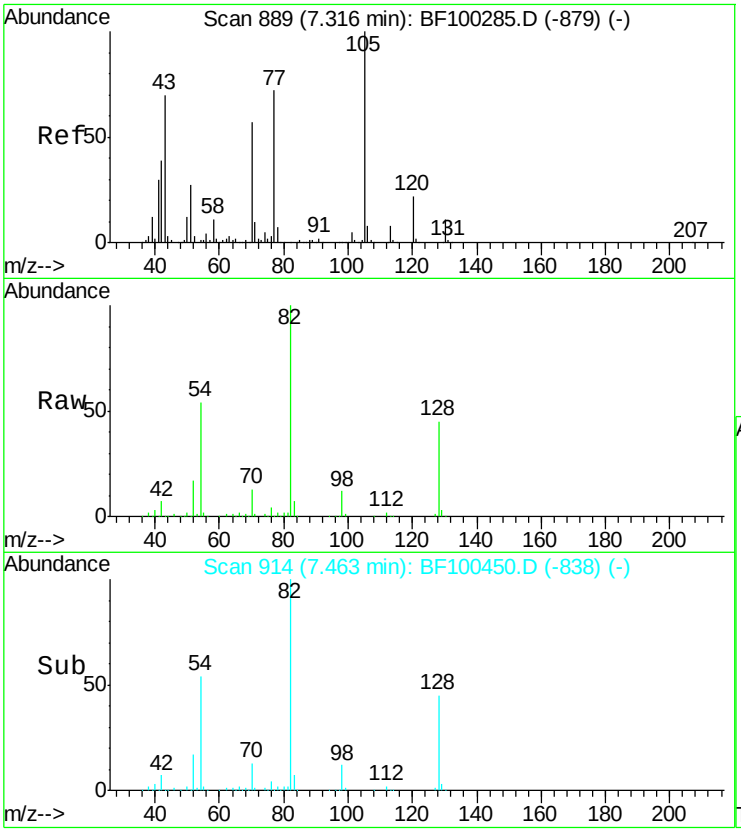


#10
Phenol
Concen: 3.15 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Tgt Ion: 94 Resp: 34715

Ion	Ratio	Lower	Upper
94	100		
65	29.5	7.9	47.9
66	42.7	16.2	56.2



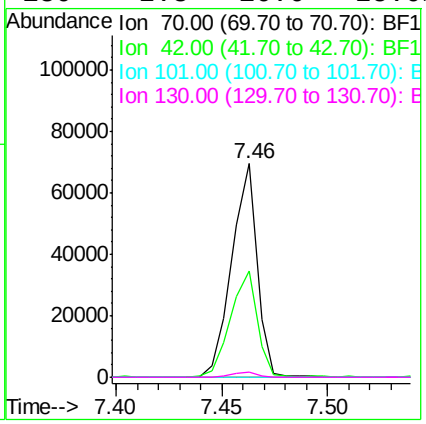


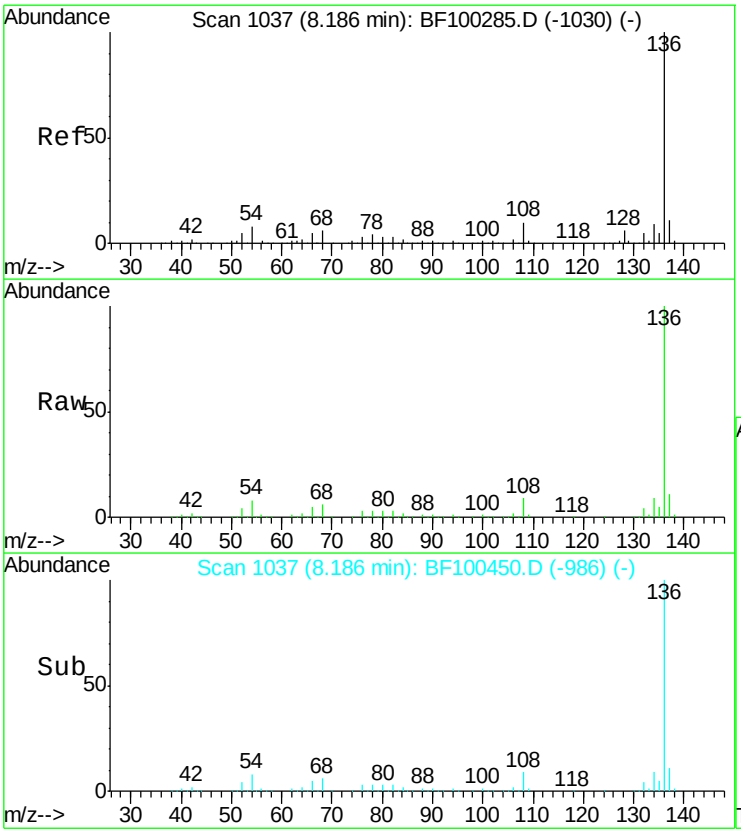
#19
n-Nitroso-di-n-propylamine
Concen: 7.91 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Instrument :
BNA_F
ClientSampleId :
3N-15

Tgt Ion: 70 Resp: 57588

Ion	Ratio	Lower	Upper
70	100		
42	49.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

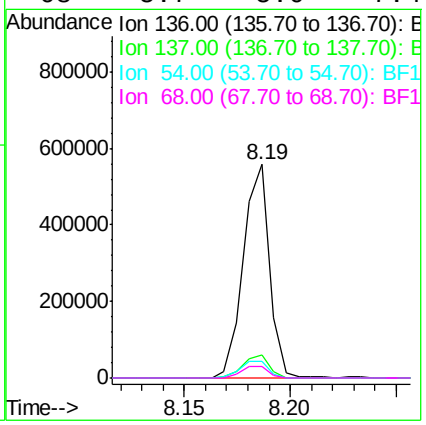


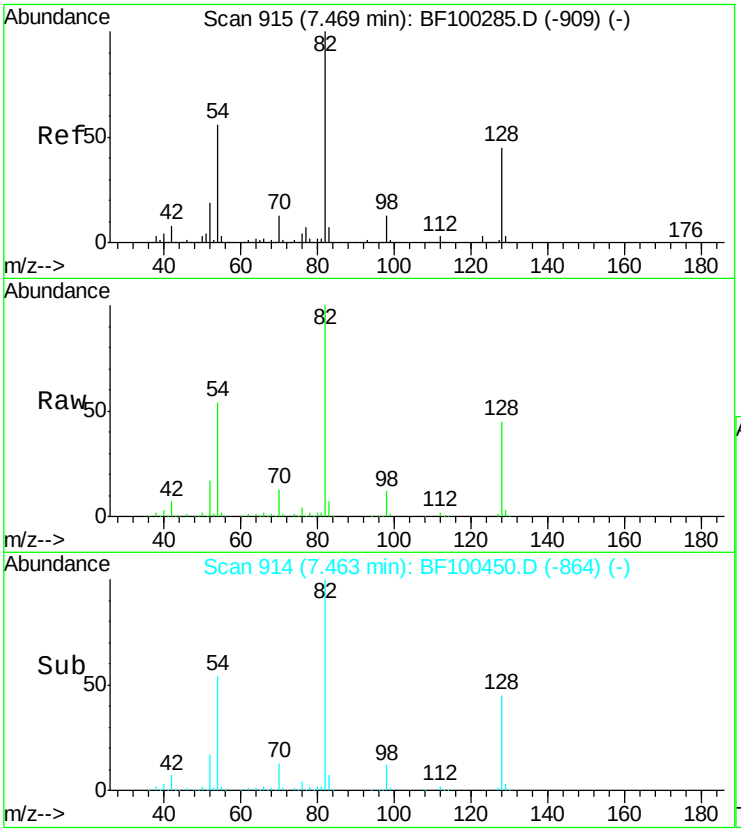


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Tgt Ion:136 Resp: 480082

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.1	6.6	9.8
68	5.7	5.0	7.4



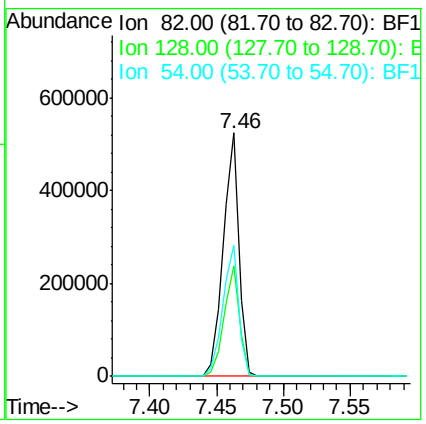


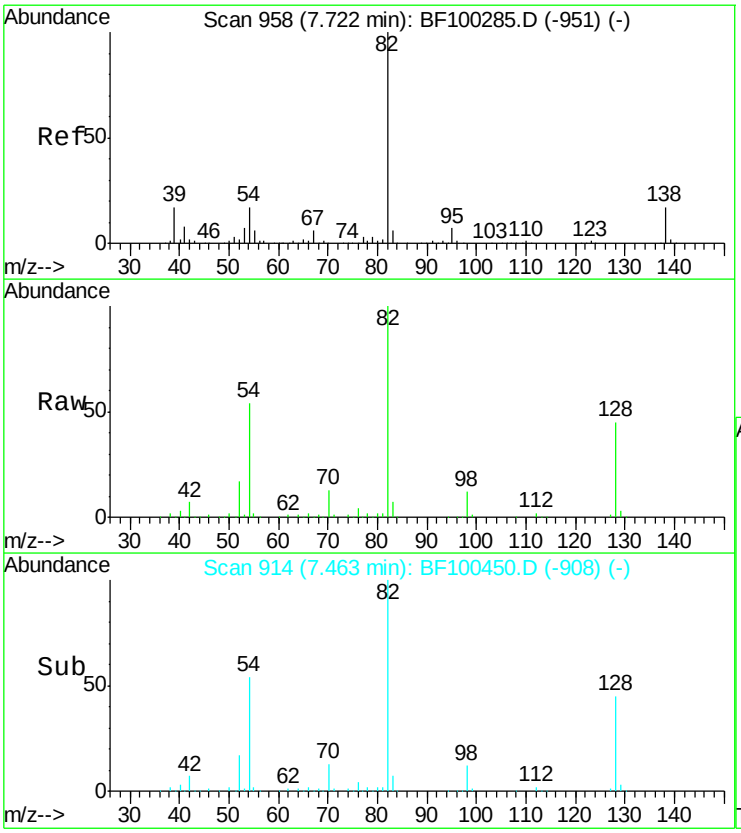
#23
Nitrobenzene-d5
Concen: 60.61 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Instrument :
BNA_F
ClientSampleId :
3N-15

Tgt Ion: 82 Resp: 440100

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	53.7	41.4	62.2

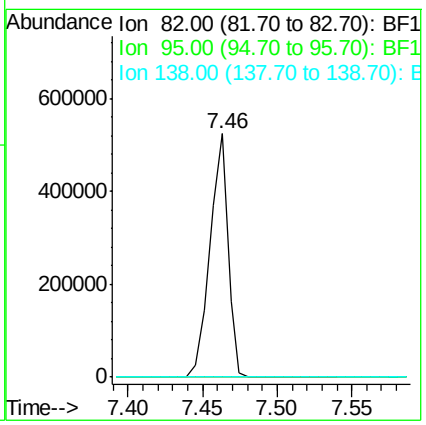


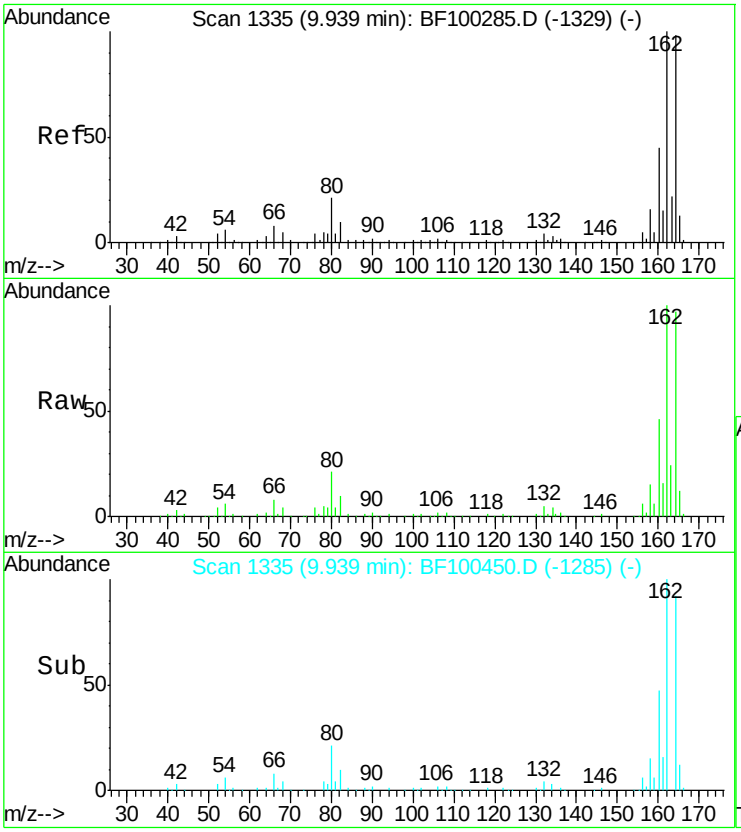


#25
Isophorone
Concen: 28.80 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Tgt Ion: 82 Resp: 439463

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



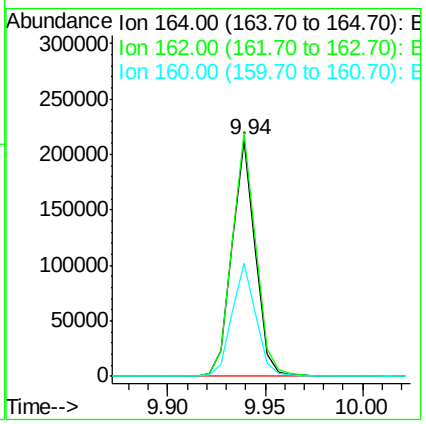


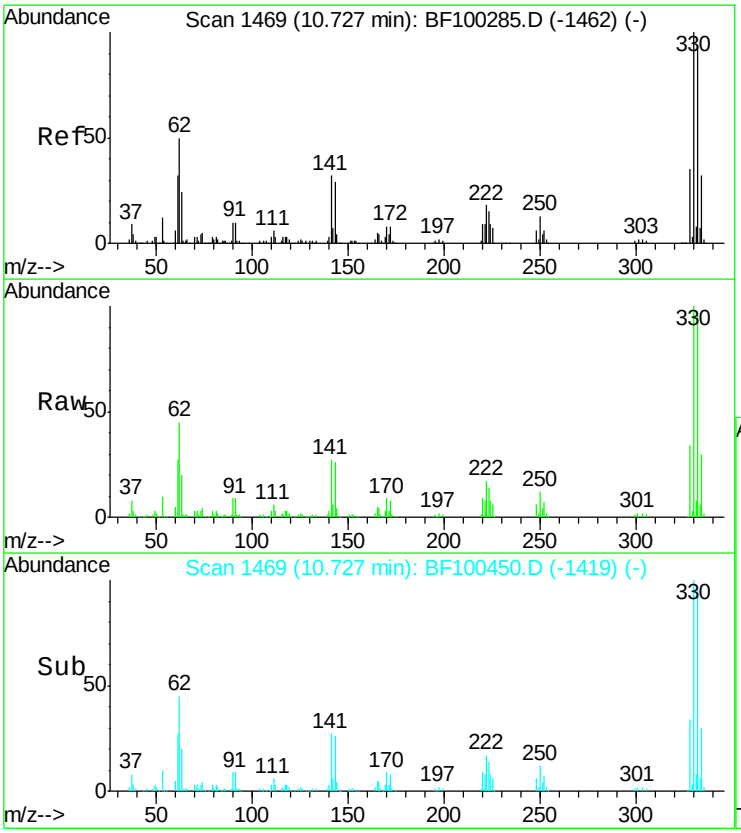
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Instrument :
BNA_F
ClientSampleId :
3N-15

Tgt Ion:164 Resp: 176767

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	47.7	38.3	57.5

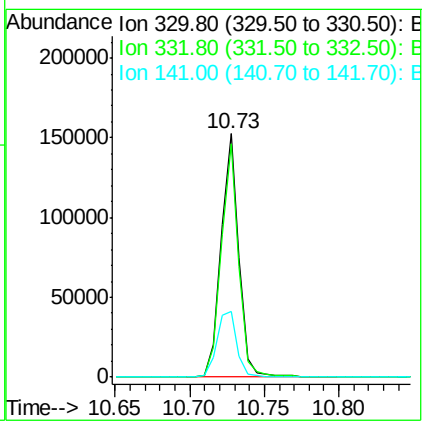


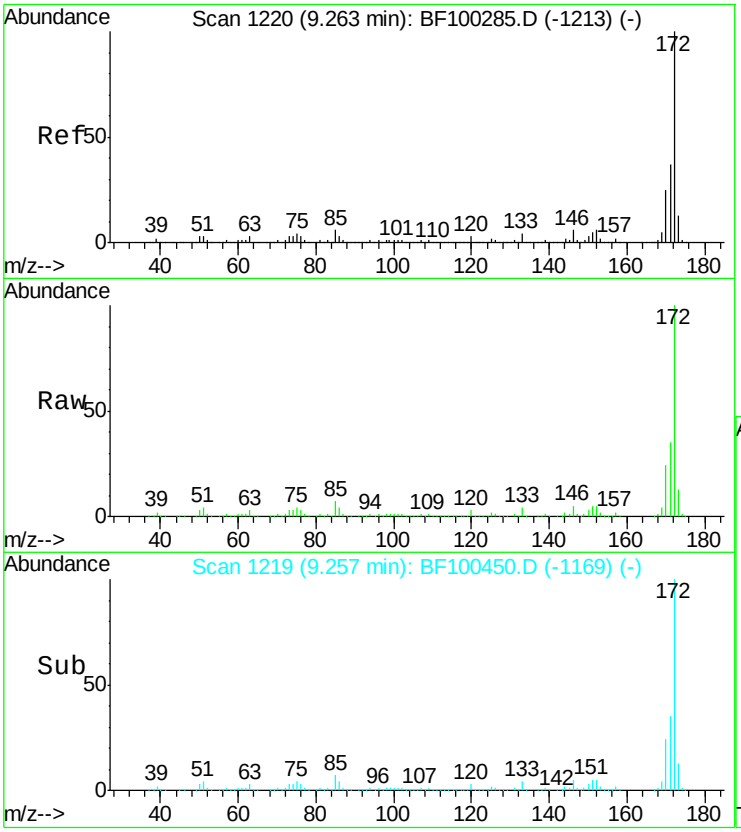


#41
2,4,6-Tribromophenol
Concen: 71.29 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Tgt Ion:330 Resp: 128407

Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	30.5	29.9	44.9



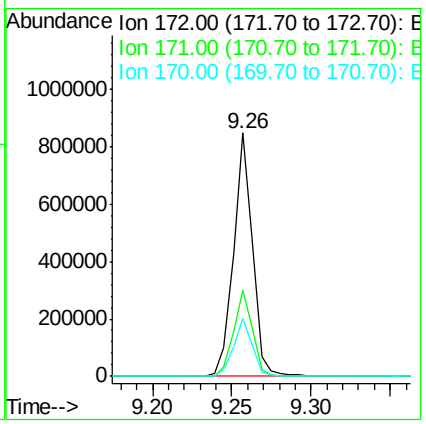


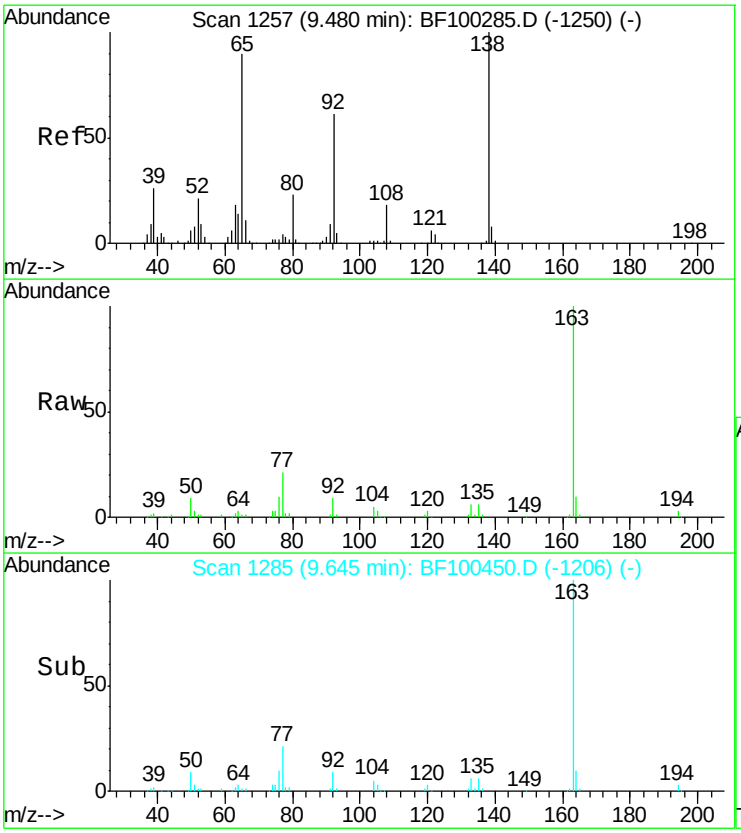
#44
2-Fluorobiphenyl
Concen: 60.80 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Instrument :
BNA_F
ClientSampleId :
3N-15

Tgt Ion:172 Resp: 705805

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.6	19.6	29.4

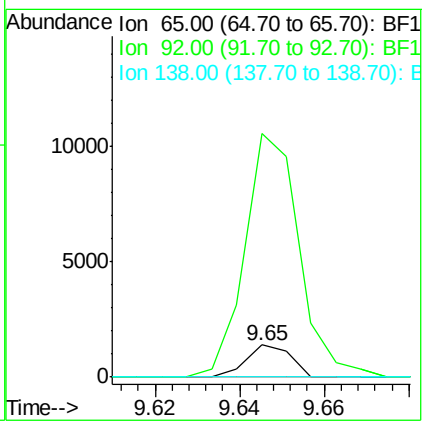


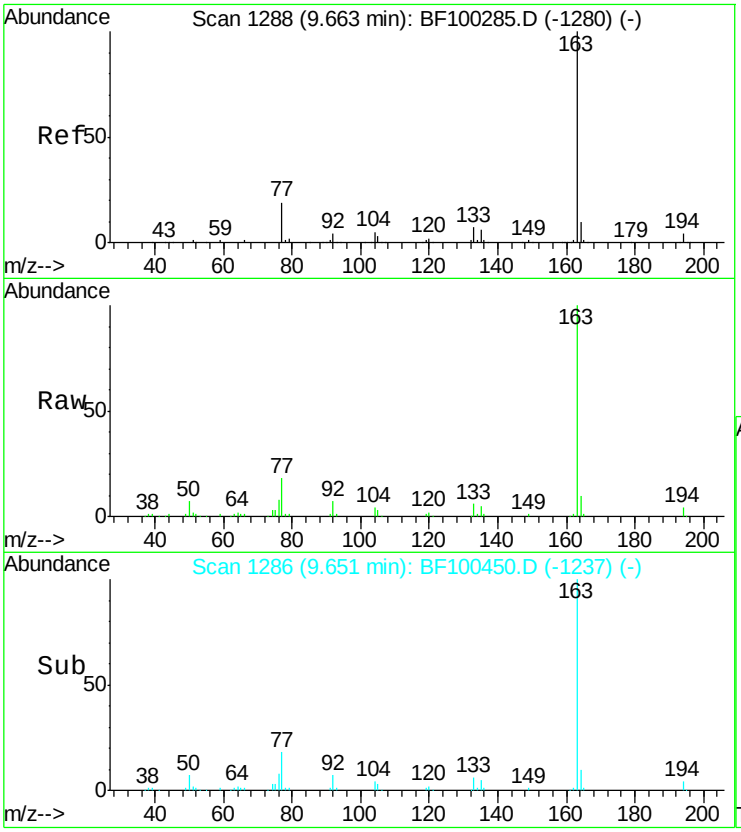


#47
2-Nitroaniline
Concen: 3.07 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.16 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Tgt Ion: 65 Resp: 1000

Ion	Ratio	Lower	Upper
65	100		
92	764.1	55.8	83.6#
138	0.0	91.2	136.8#



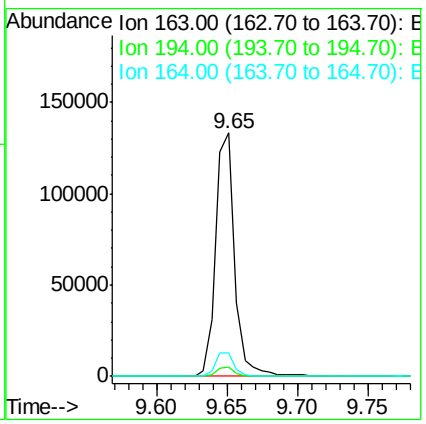


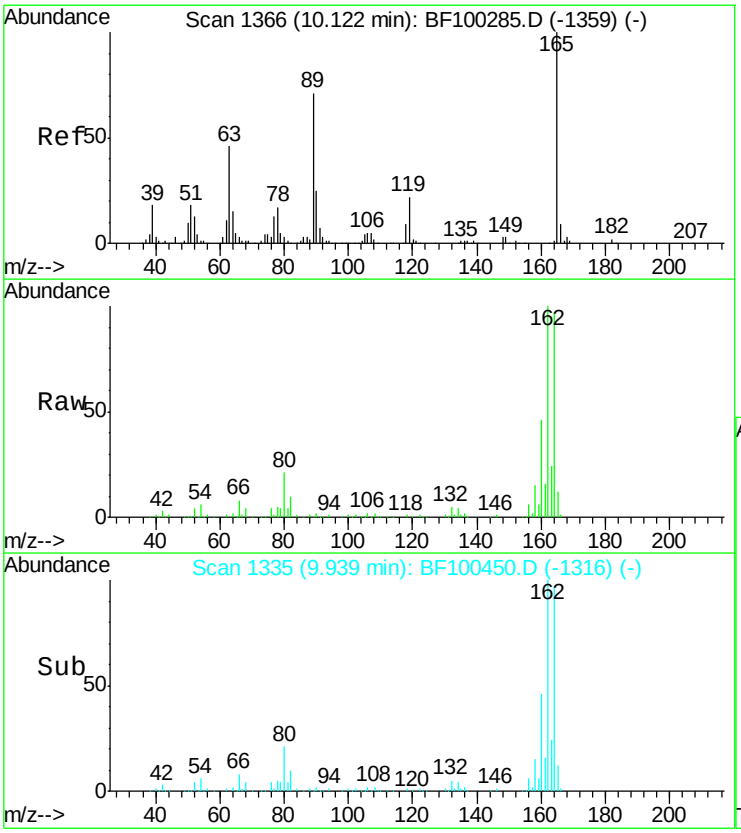
#49
Dimethylphthalate
Concen: 9.27 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Instrument :
BNA_F
ClientSampleId :
3N-15

Tgt Ion:163 Resp: 125162

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.7	8.2	12.2

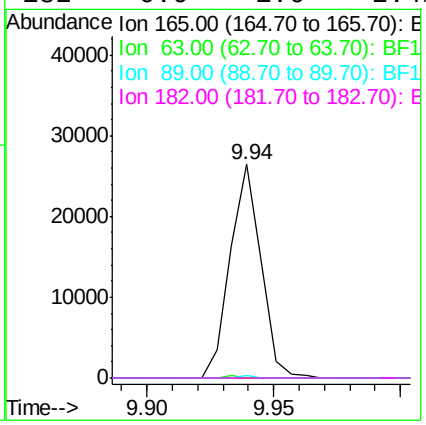


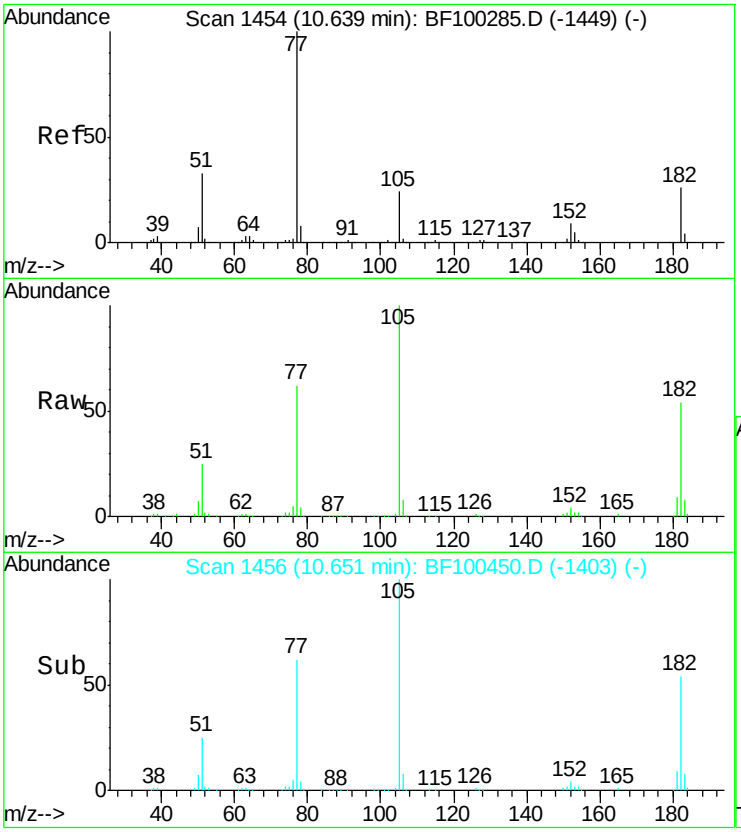


#56
2,4-Dinitrotoluene
Concen: 6.60 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.19 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Tgt Ion:165 Resp: 22230

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



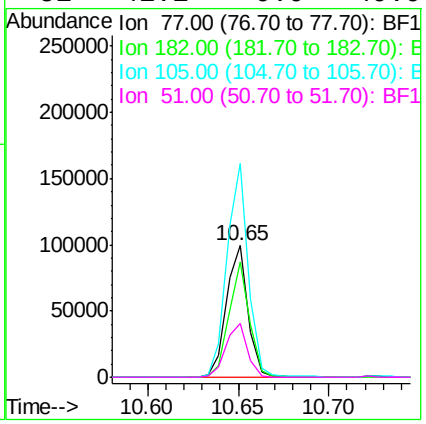


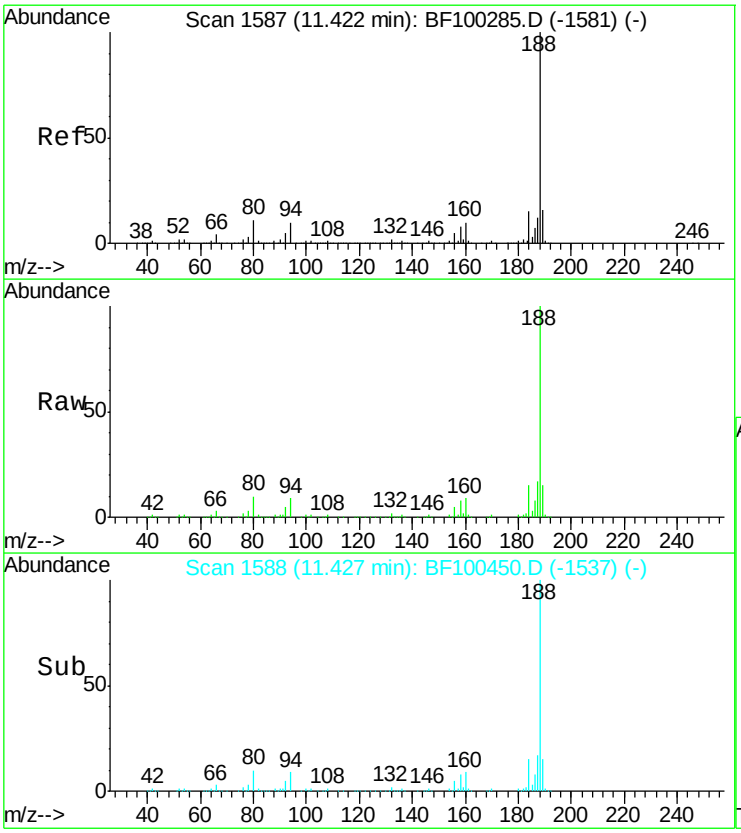
#62
Azobenzene
Concen: 6.49 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Instrument :
BNA_F
ClientSampleId :
3N-15

Tgt Ion: 77 Resp: 82515

Ion	Ratio	Lower	Upper
77	100		
182	87.2	1.7	41.7#
105	162.3	3.0	43.0#
51	41.1	9.9	49.9

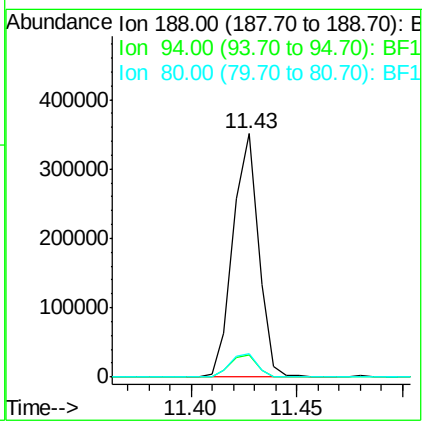


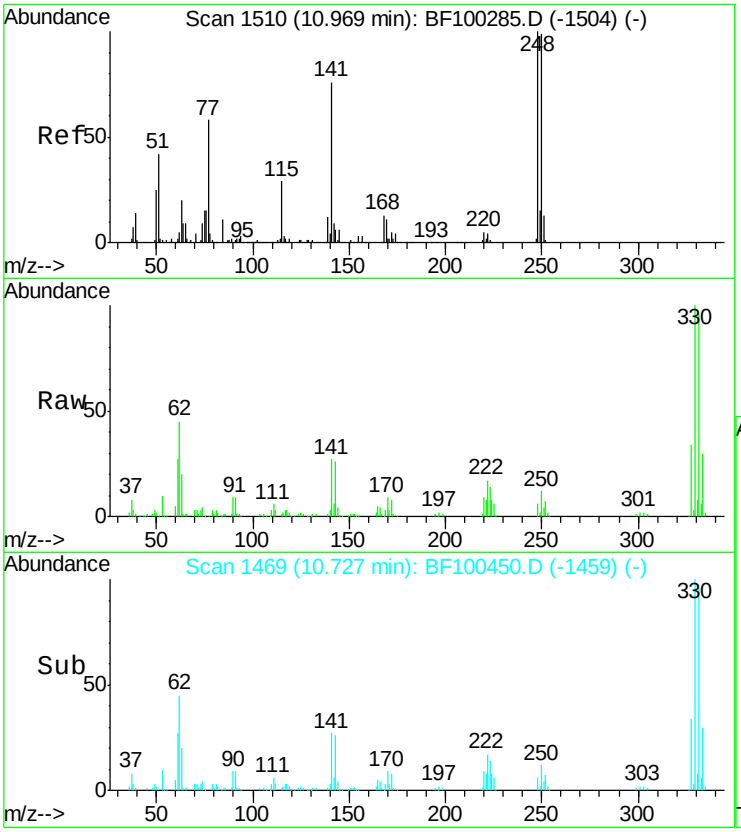


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Tgt Ion:188 Resp: 294380

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.9	9.2	13.8



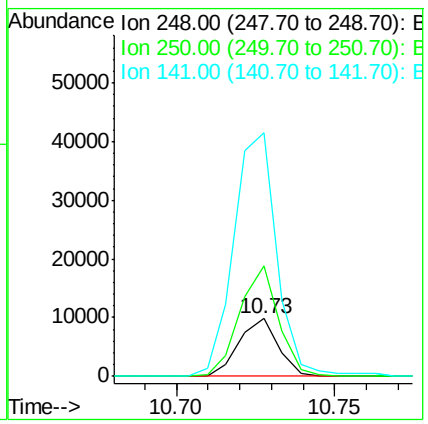


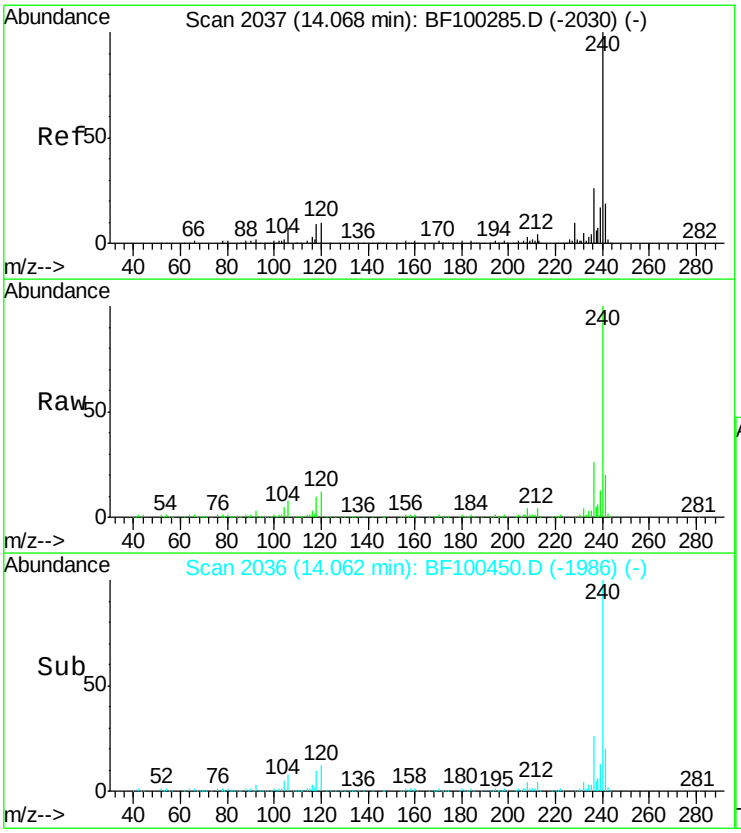
#66
4-Bromophenyl-phenylether
Concen: 2.67 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Instrument :
BNA_F
ClientSampleId :
3N-15

Tgt Ion:248 Resp: 8439

Ion	Ratio	Lower	Upper
248	100		
250	190.1	76.9	115.3#
141	420.4	74.4	111.6#

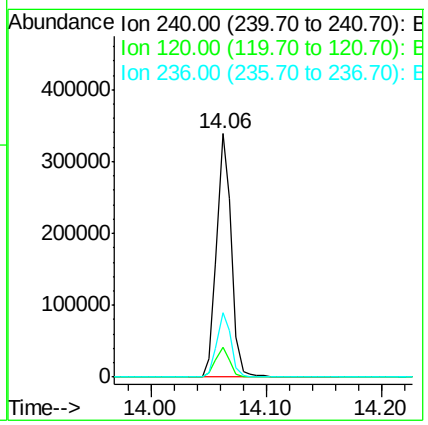


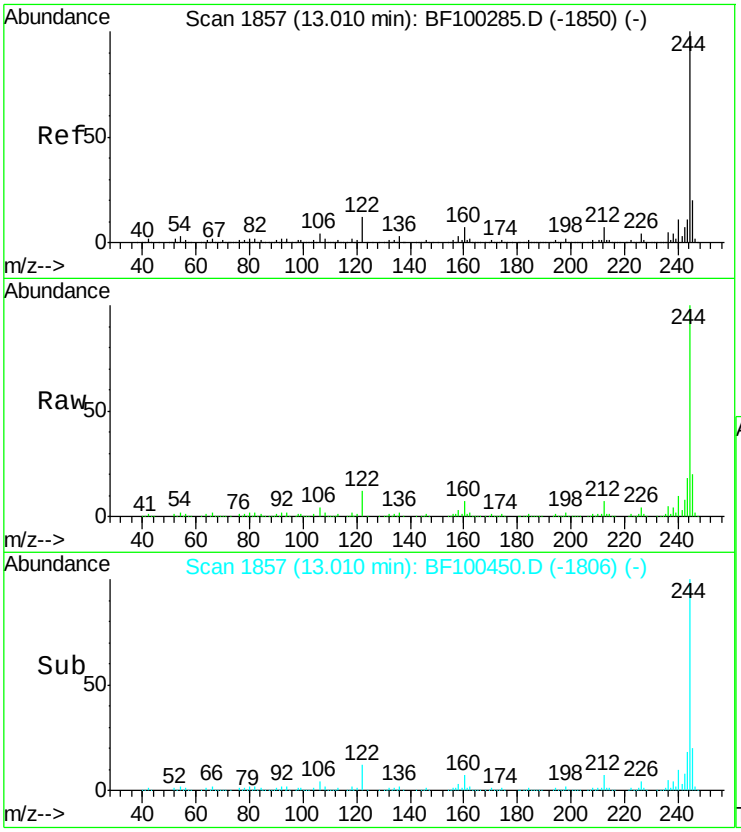


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Tgt Ion:240 Resp: 298477

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	26.4	20.7	31.1



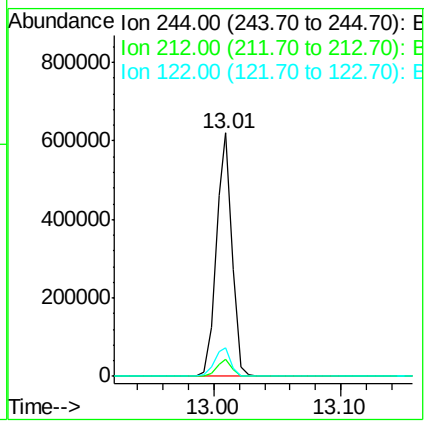


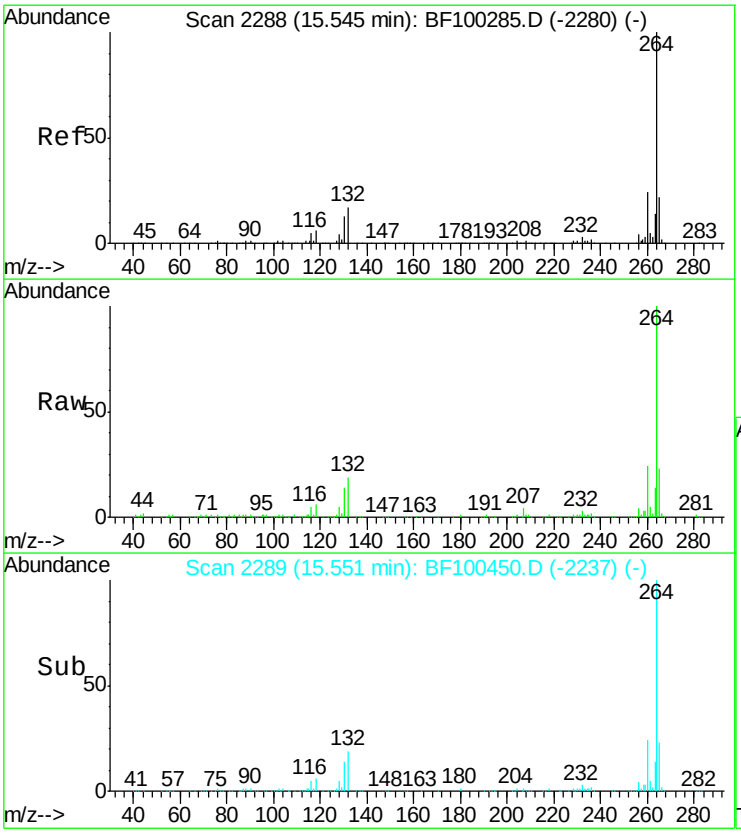
#78
Terphenyl-d14
Concen: 41.41 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Instrument :
BNA_F
ClientSampleId :
3N-15

Tgt Ion:244 Resp: 537930

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.6	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Tgt Ion:264 Resp: 205236

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.8	17.5	26.3