Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100403.D
Acq On : 10 Nov 2017 20:44
Operator : SJ/JU
Sample : I6388-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 10 21:58:39 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	162765	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	614827	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	248372	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	401734	20.00	ng		0.00
75) Chrysene-d12	14.06	240	340611	20.00	ng		0.00
86) Perylene-d12	15.54	264	258092	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	826274	81.38	ng		0.00
7) Phenol-d6	6.53	99	995744	79.53	ng		0.00
23) Nitrobenzene-d5	7.46	82	595502	64.04	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	186454	73.67	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1062325	65.13	ng		0.00
78) Terphenyl-d14	13.01	244	758494	51.17	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.54	94	32980	2.509	ng		97
19) n-Nitroso-di-n-propylamine	7.46	70	78946	9.092	ng	#	81
25) Isophorone	7.46	82	592333	30.310	ng	#	64
47) 2-Nitroaniline	9.65	65	886	2.965	ng	#	1
49) Dimethylphthalate	9.65	163	94604	4.989	ng	#	97
50) 2,6-Dinitrotoluene	9.94	165	31917	8.503	ng	#	26
56) 2,4-Dinitrotoluene	9.94	165	31917	6.740	ng	#	24
62) Azobenzene	10.65	77	51277	2.869	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.73	198	328	8.703	ng	#	1
66) 4-Bromophenyl-phenylether	10.73	248	11977	2.781	ng	#	1

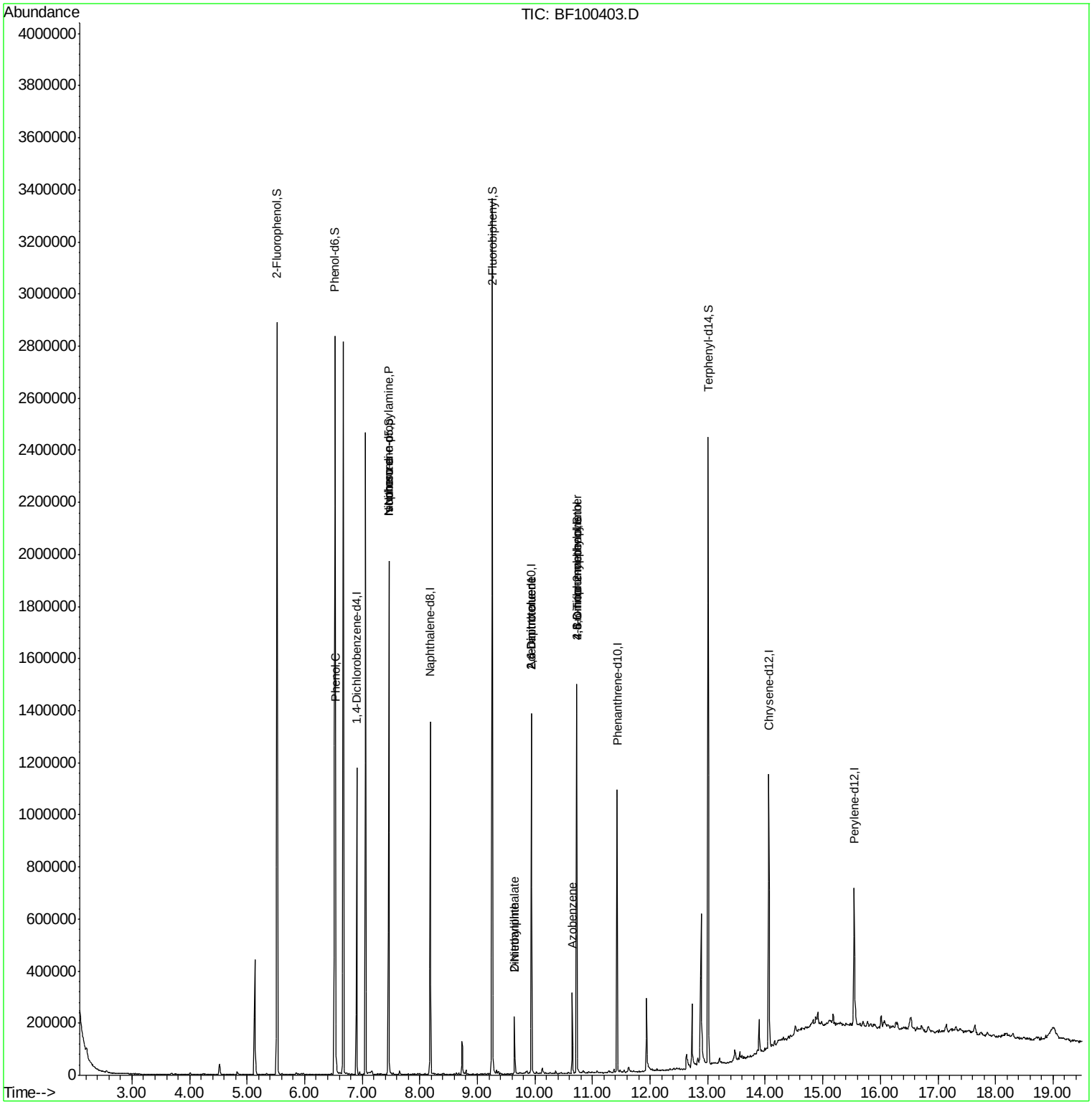
(#) = qualifier out of range (m) = manual integration (+) = signals summed

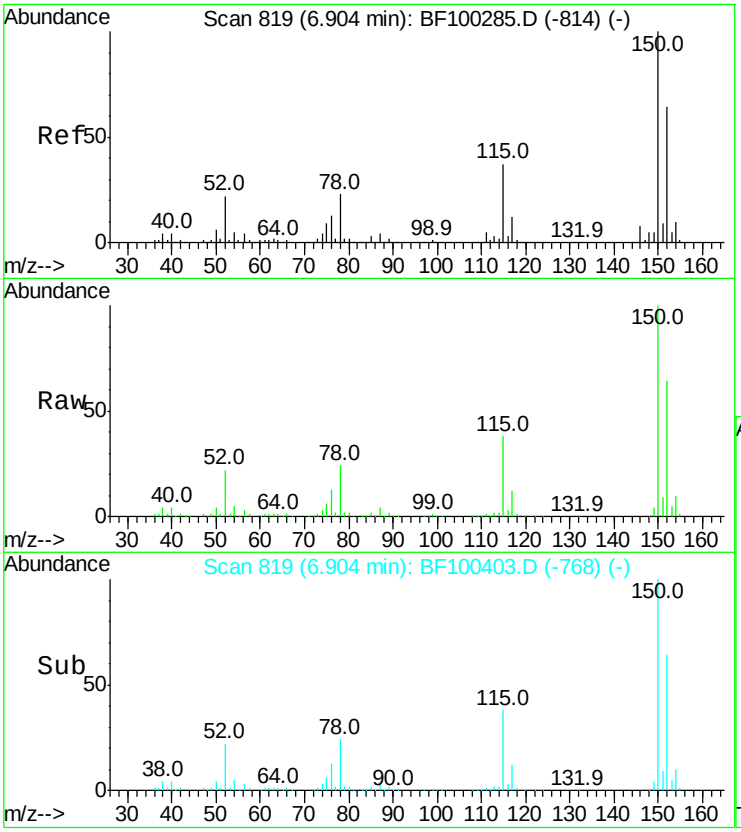
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100403.D
Acq On : 10 Nov 2017 20:44
Operator : SJ/JU
Sample : I6388-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 10 21:58:39 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



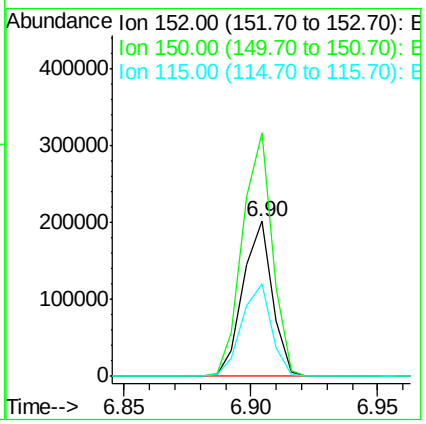


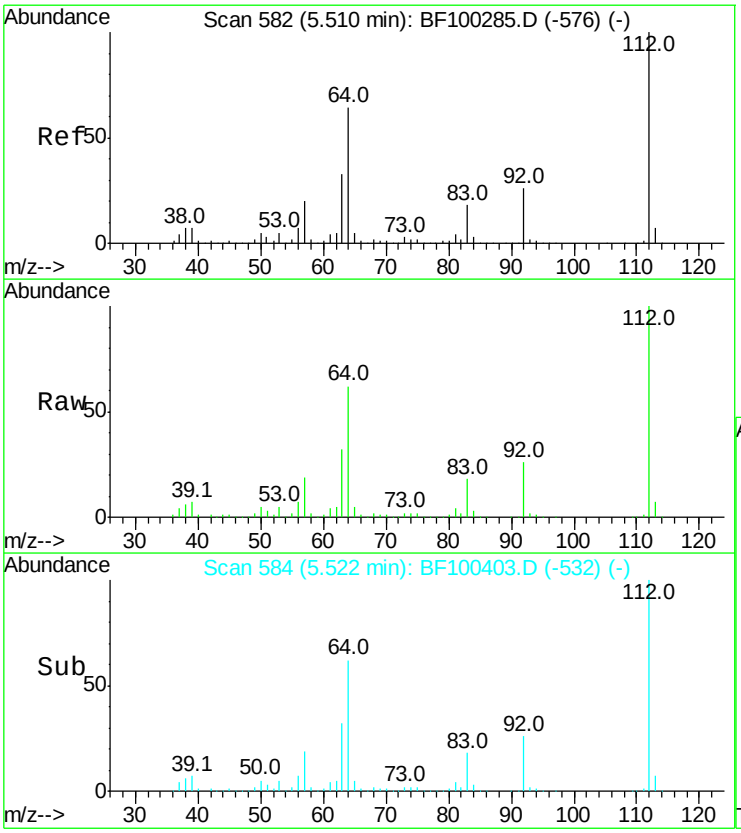
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 162765

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	59.8	50.1	75.1

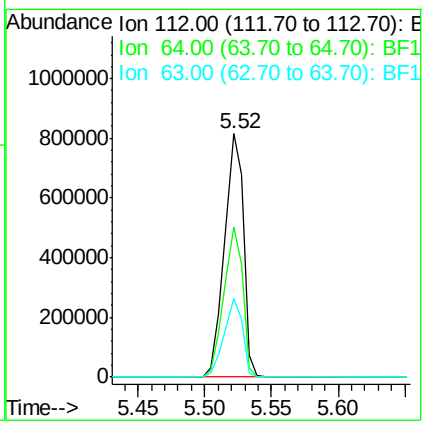


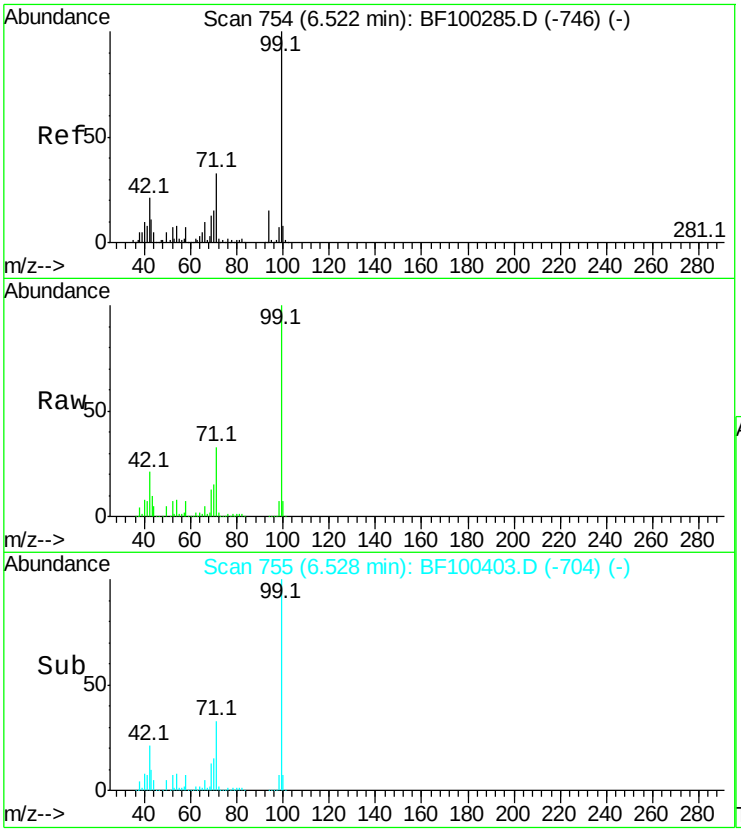


#5
2-Fluorophenol
Concen: 81.375 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Tgt Ion:112 Resp: 826274

Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.9	71.9
63	32.0	23.7	35.5



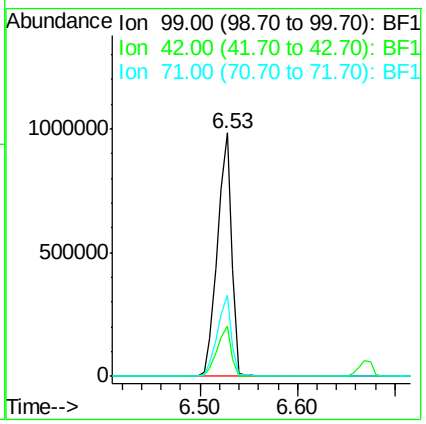


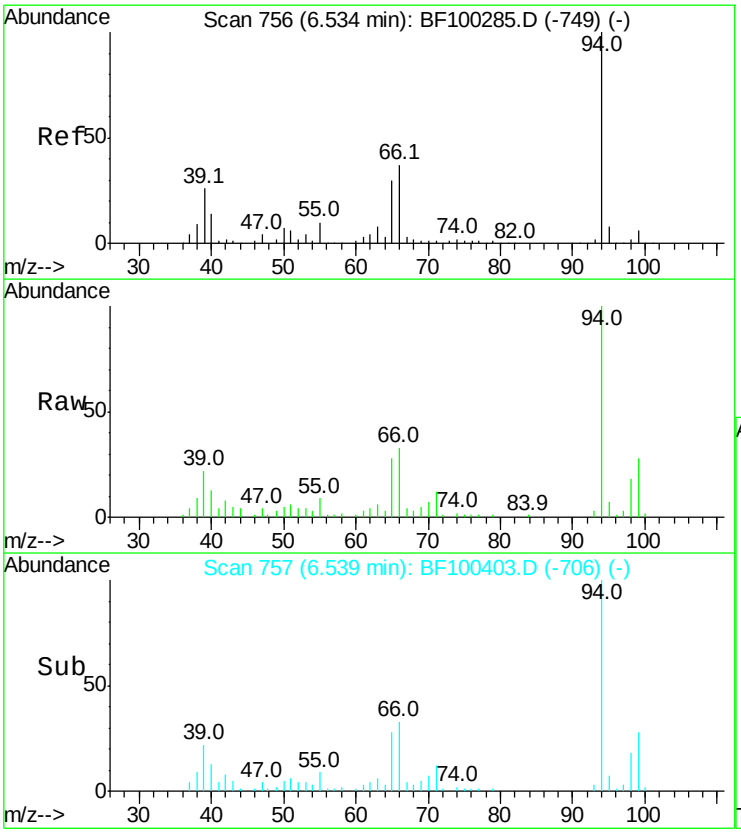
#7
Phenol-d6
Concen: 79.526 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 995744

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	33.0	25.4	38.0

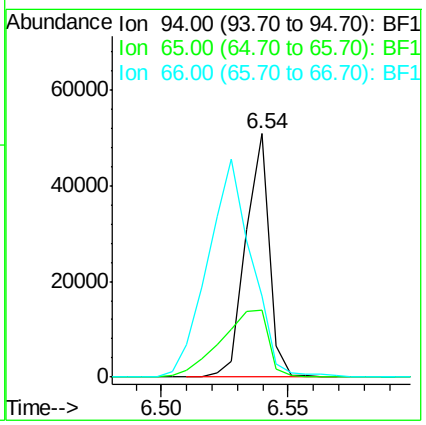


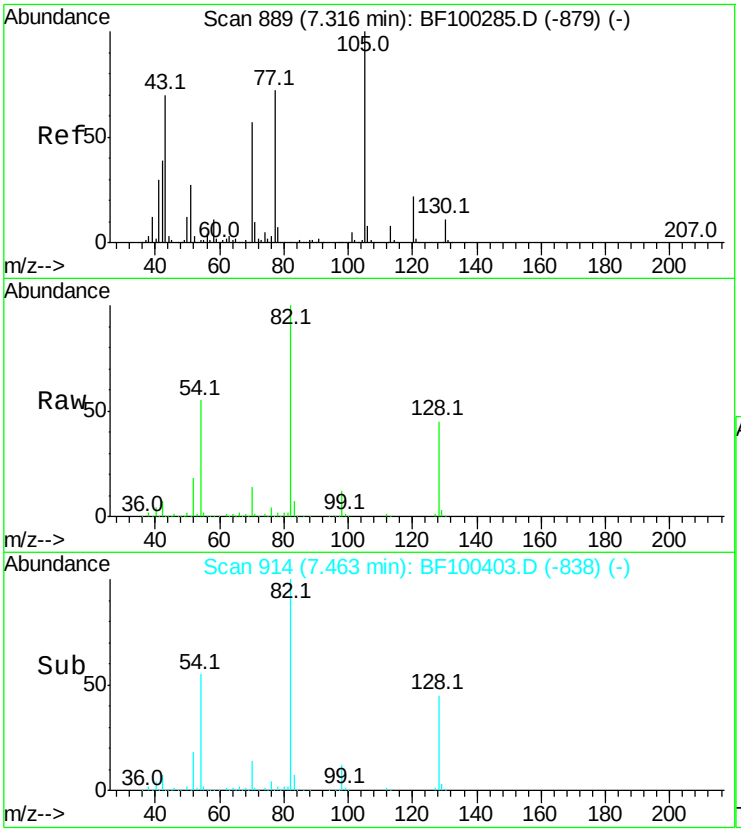


#10
Phenol
Concen: 2.509 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Tgt Ion: 94 Resp: 32980

Ion	Ratio	Lower	Upper
94	100		
65	27.7	7.9	47.9
66	33.3	16.2	56.2



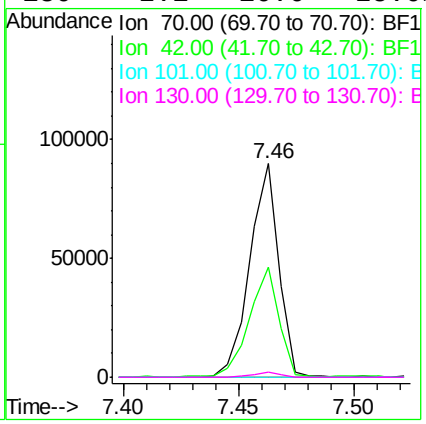


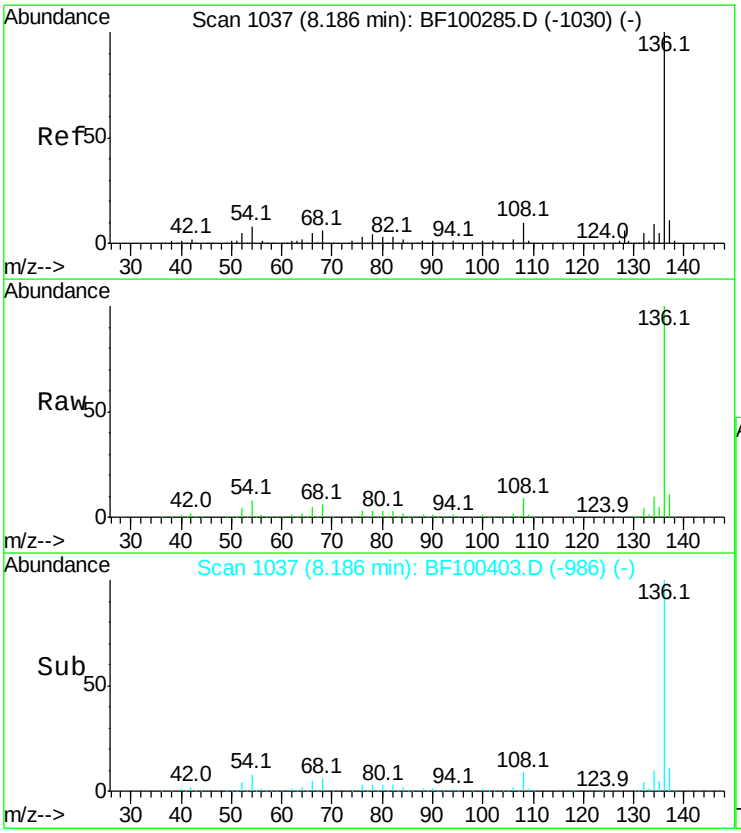
#19
n-Nitroso-di-n-propylamine
Concen: 9.092 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 78946

Ion	Ratio	Lower	Upper
70	100		
42	51.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

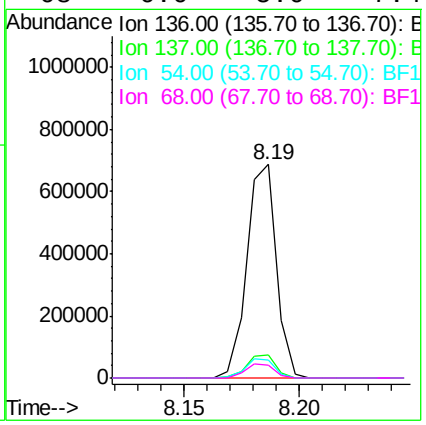


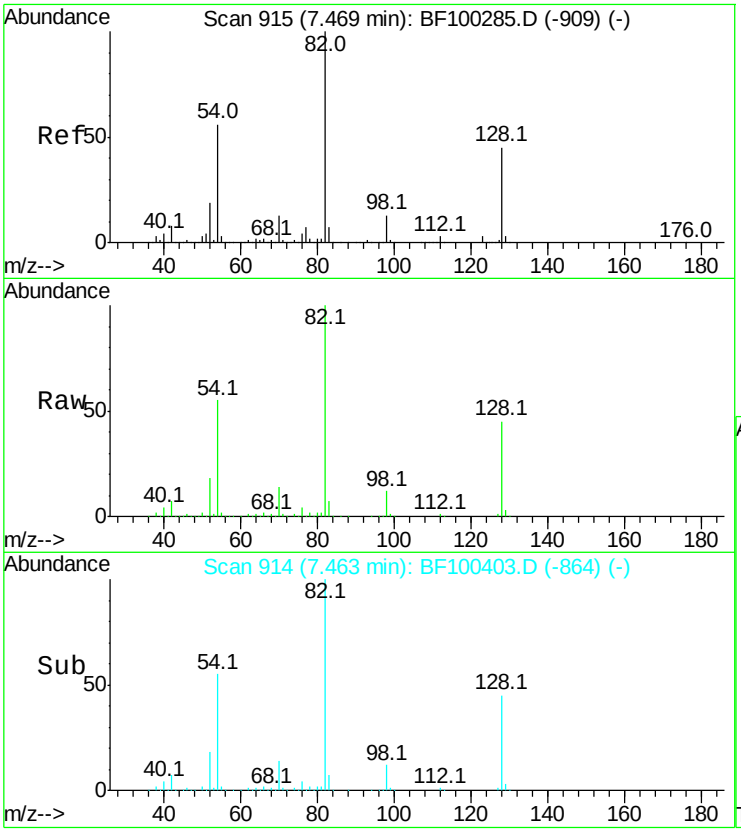


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Tgt Ion:136 Resp: 614827

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.4	6.6	9.8
68	6.0	5.0	7.4



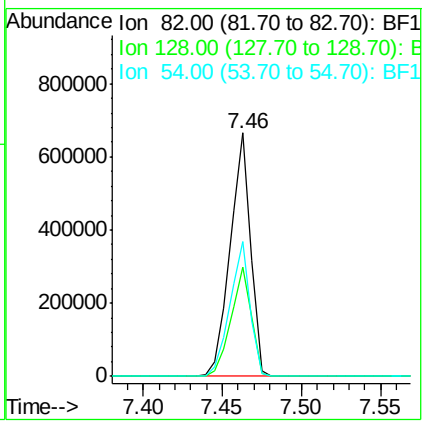


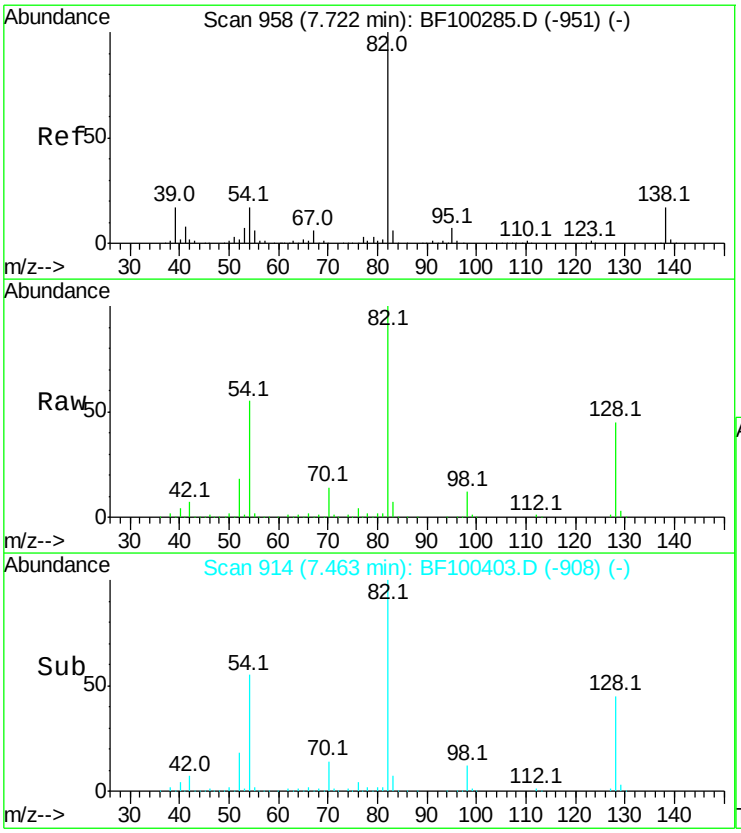
#23
Nitrobenzene-d5
Concen: 64.035 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 595502

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	55.4	41.4	62.2

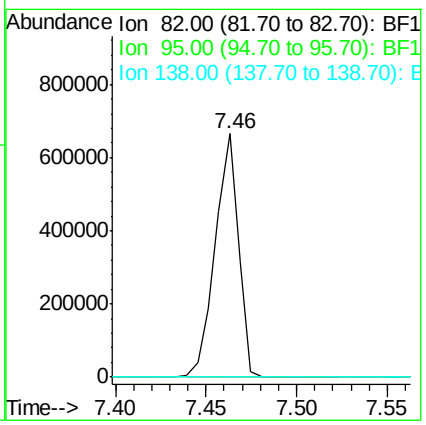


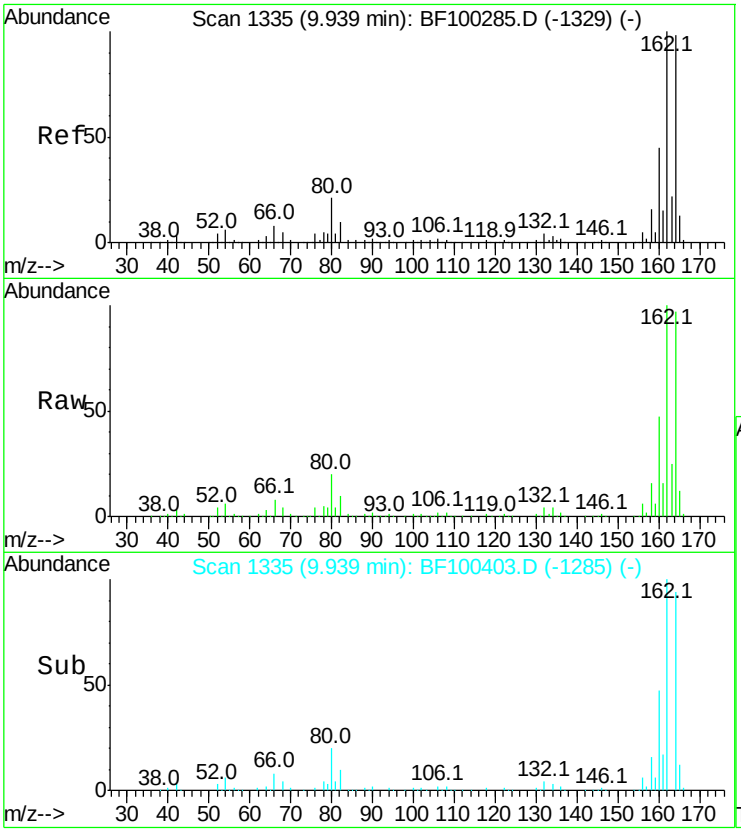


#25
Isophorone
Concen: 30.310 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Tgt Ion: 82 Resp: 592333

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



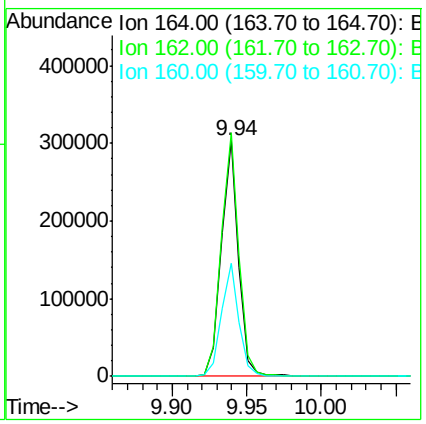


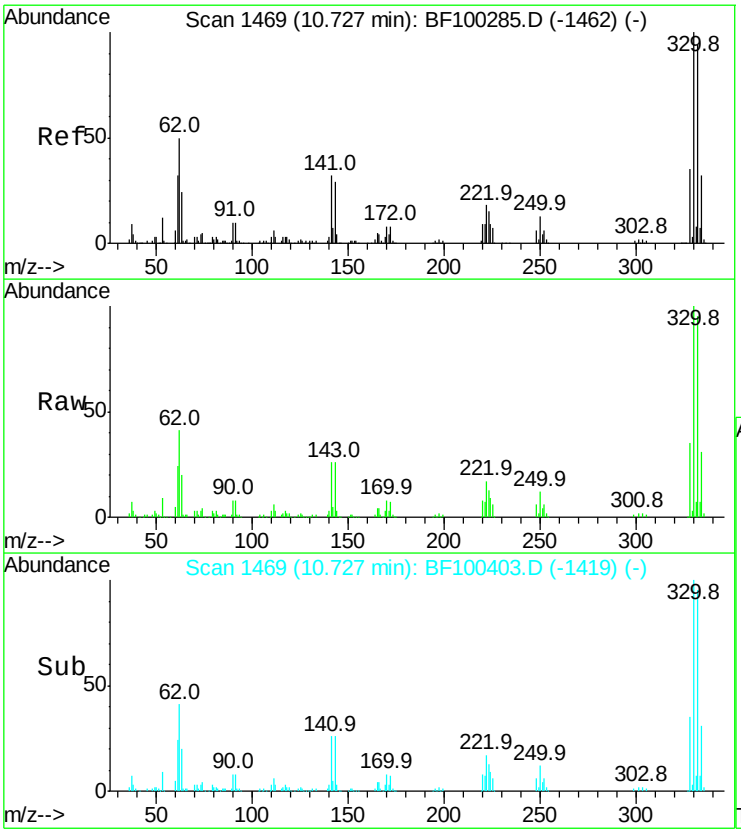
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 248372

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	48.2	38.3	57.5

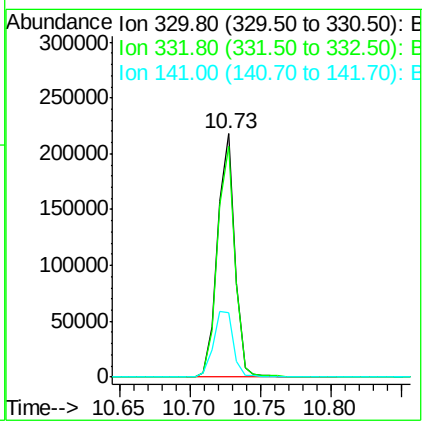


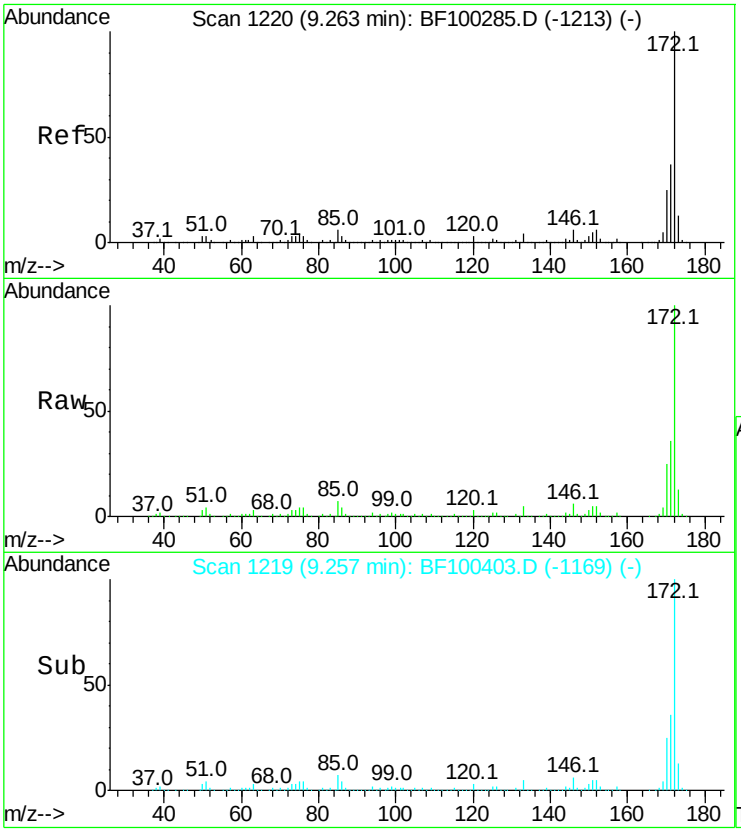


#41
2,4,6-Tribromophenol
Concen: 73.671 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Tgt Ion:330 Resp: 186454

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	31.1	29.9	44.9



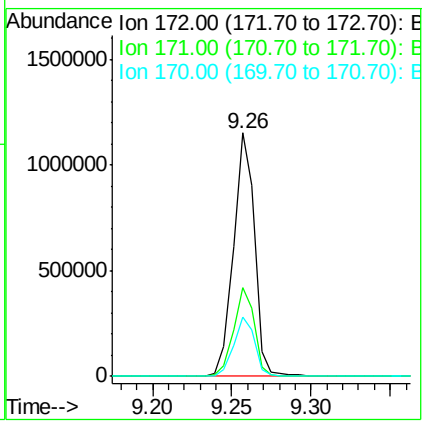


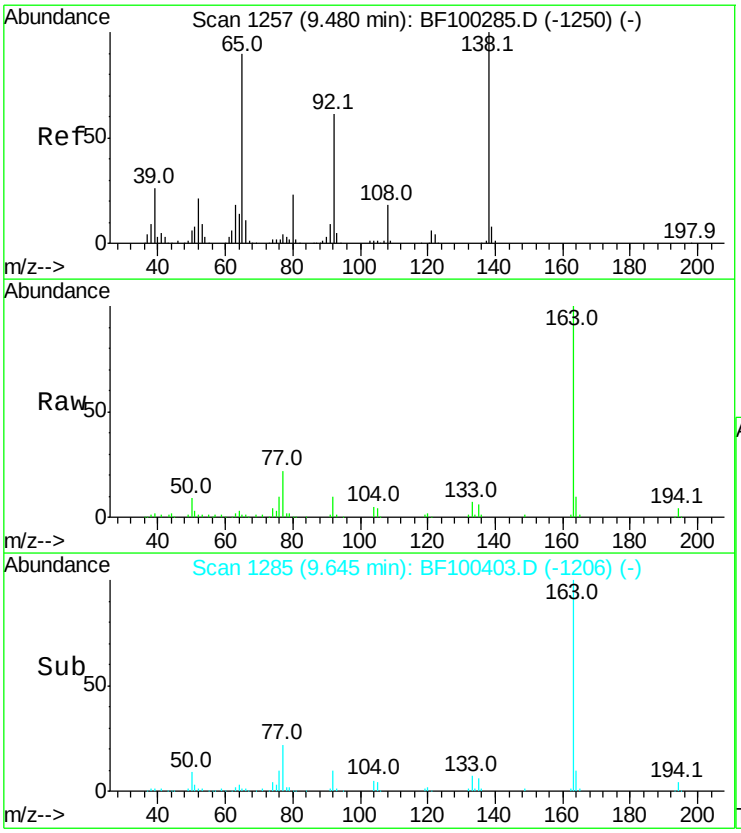
#44
2-Fluorobiphenyl
Concen: 65.129 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1062325

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.5	19.6	29.4

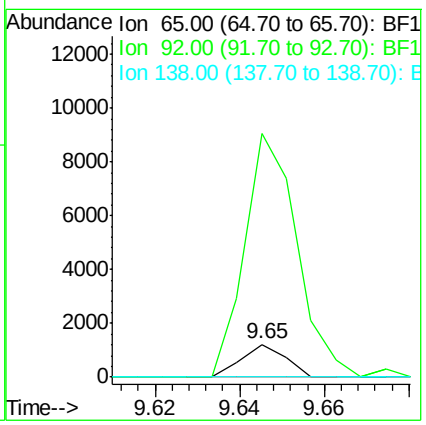


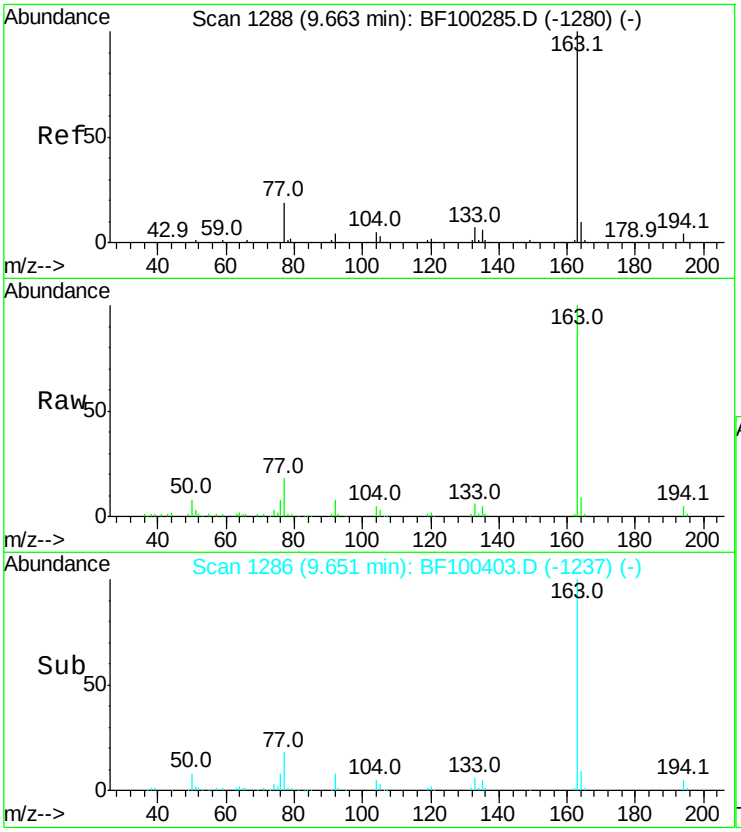


#47
2-Nitroaniline
Concen: 2.965 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.16 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Tgt Ion: 65 Resp: 886

Ion	Ratio	Lower	Upper
65	100		
92	743.5	55.8	83.6#
138	0.0	91.2	136.8#



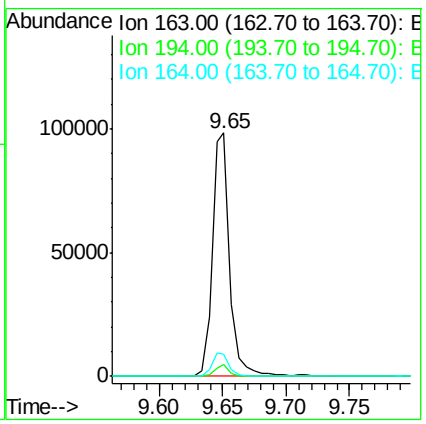


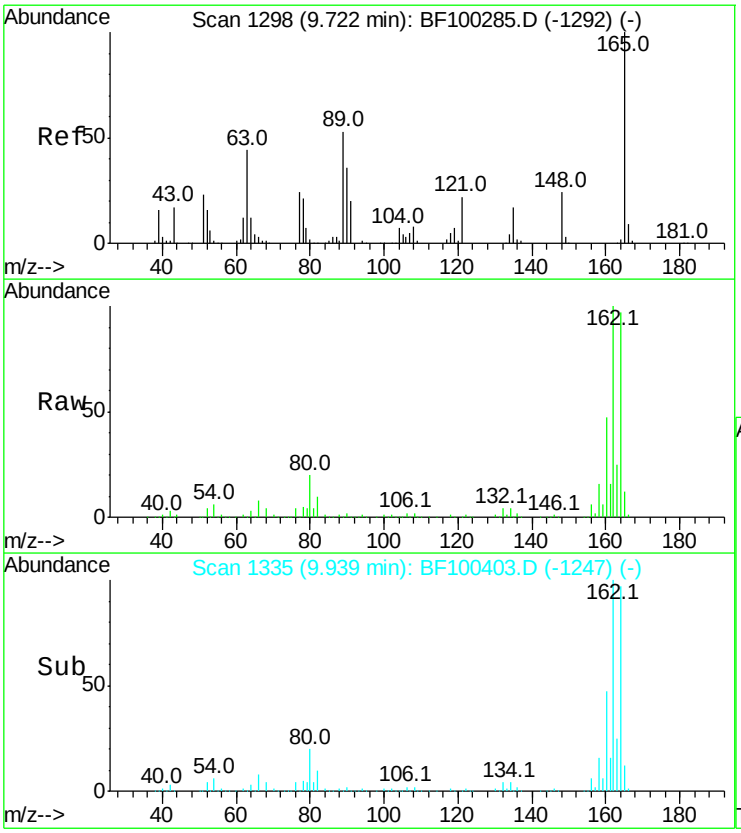
#49
Dimethylphthalate
Concen: 4.989 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 94604

Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.7	4.1#
164	9.1	8.2	12.2

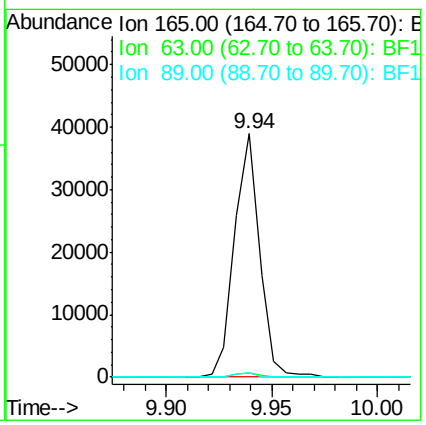


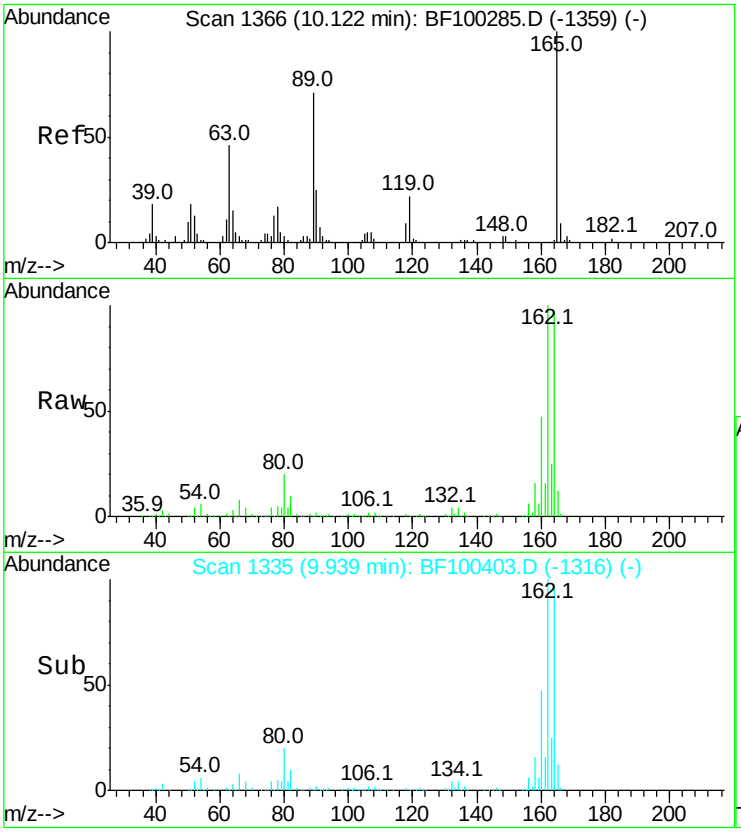


#50
2,6-Dinitrotoluene
Concen: 8.503 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Tgt Ion:165 Resp: 31917

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.9	44.0	66.0#



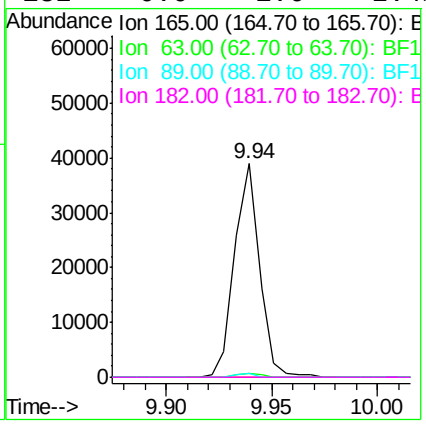


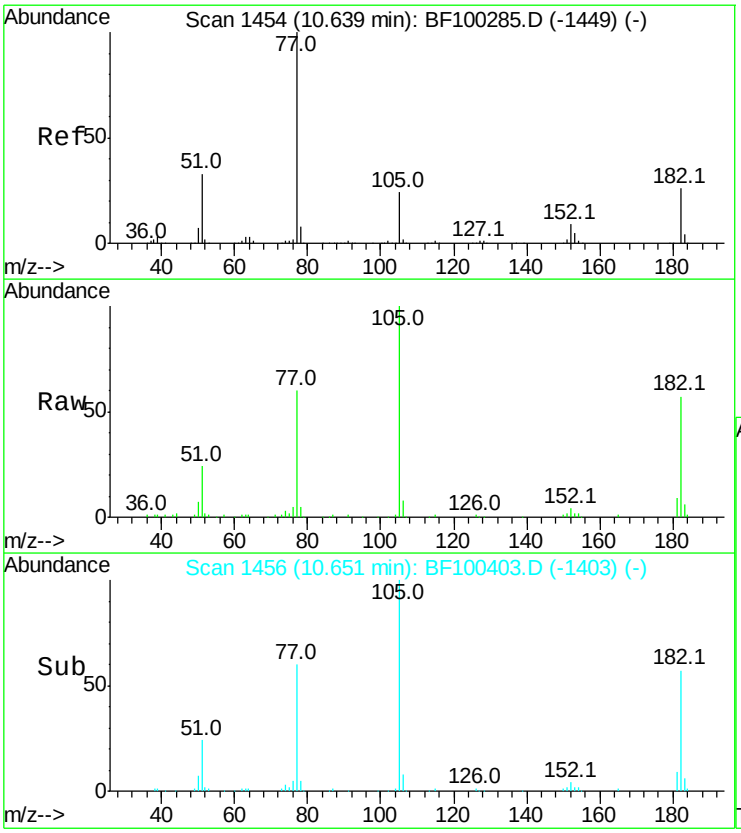
#56
2,4-Dinitrotoluene
Concen: 6.740 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.19 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31917

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

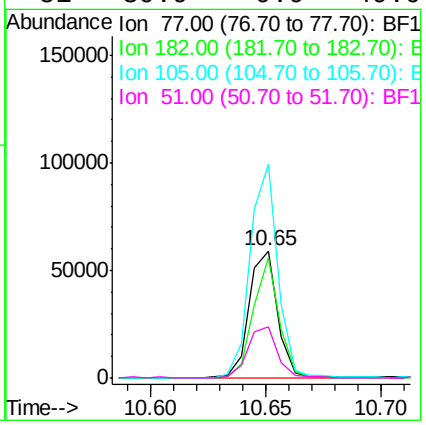


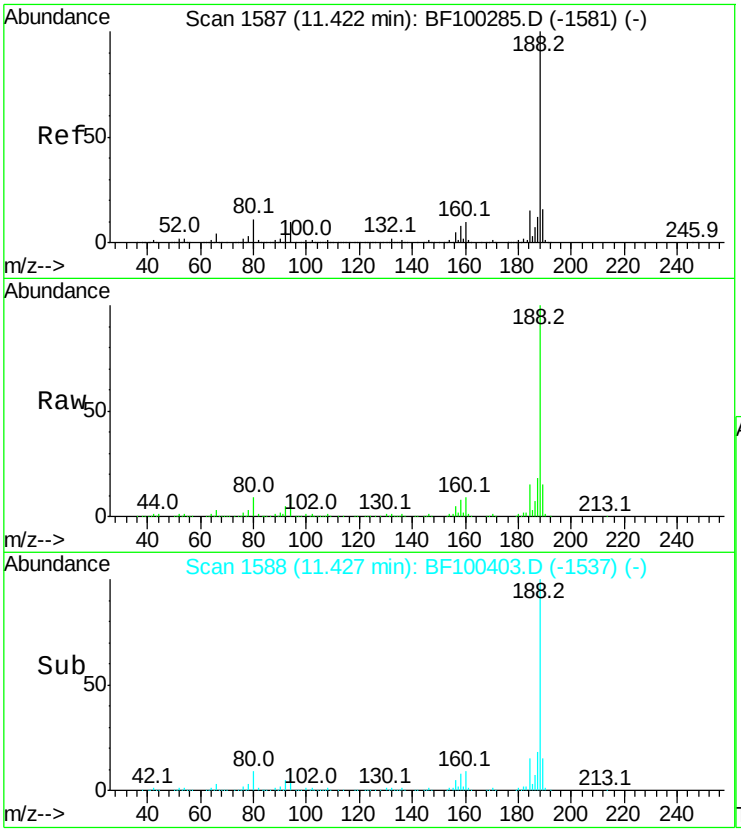


#62
Azobenzene
Concen: 2.869 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Tgt Ion: 77 Resp: 51277

Ion	Ratio	Lower	Upper
77	100		
182	95.0	1.7	41.7#
105	167.9	3.0	43.0#
51	39.9	9.9	49.9



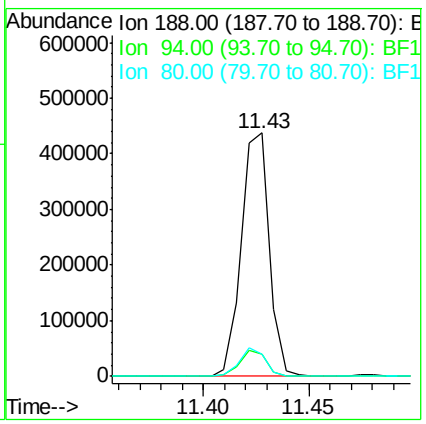


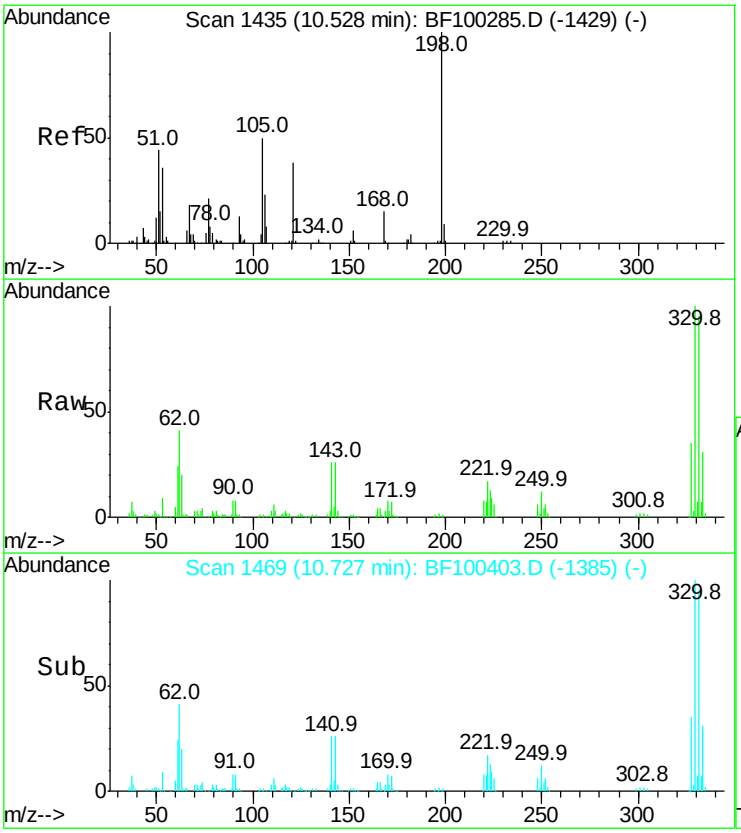
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 401734

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.4	9.2	13.8

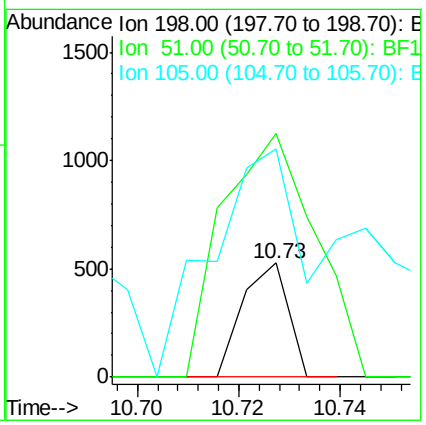


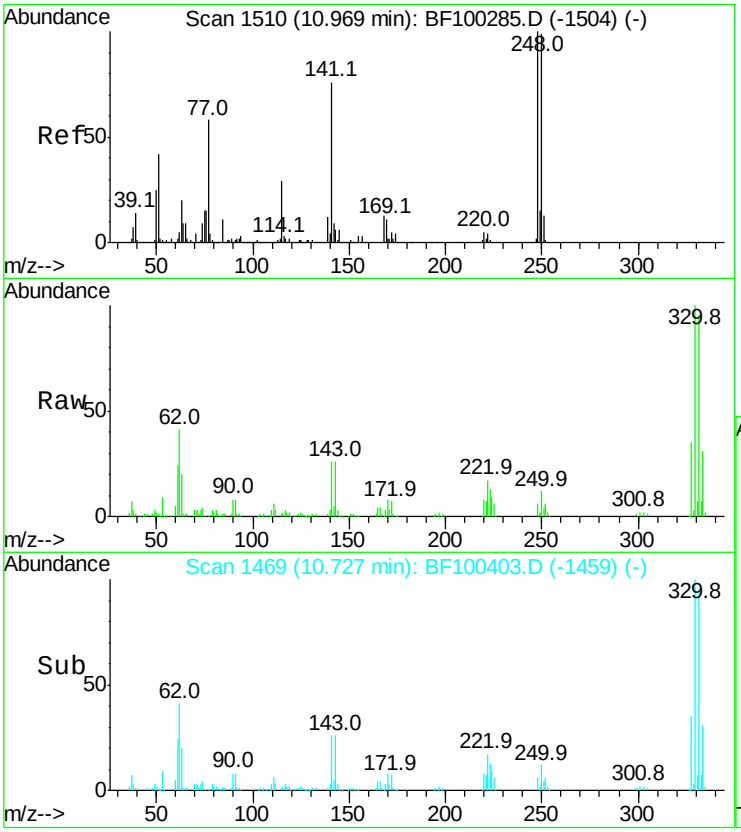


#64
4,6-Dinitro-2-methylphenol
Concen: 8.703 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.19 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Tgt Ion:198 Resp: 328

Ion	Ratio	Lower	Upper
198	100		
51	214.1	37.7	77.7#
105	200.2	36.3	76.3#



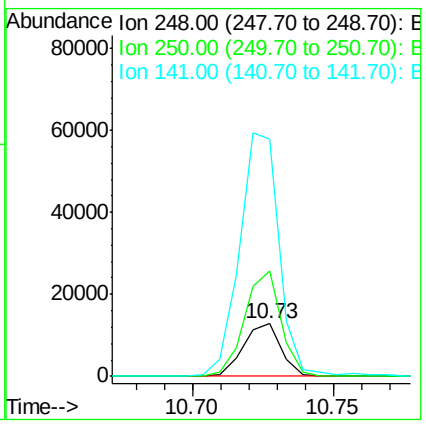


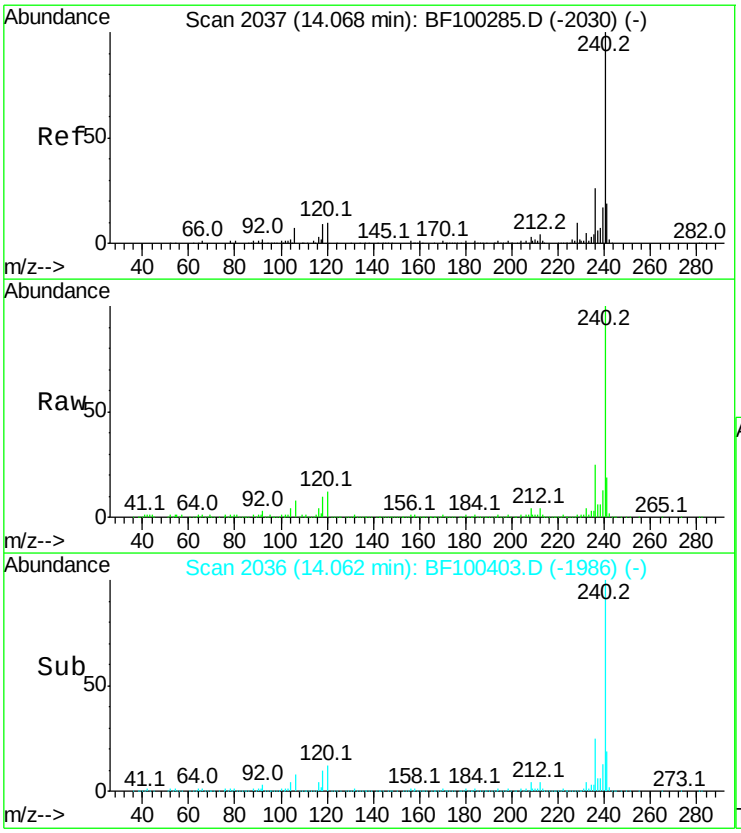
#66
4-Bromophenyl-phenylether
Concen: 2.781 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11977

Ion	Ratio	Lower	Upper
248	100		
250	199.7	76.9	115.3#
141	449.0	74.4	111.6#

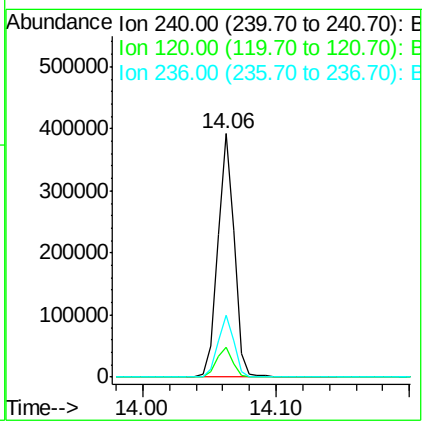


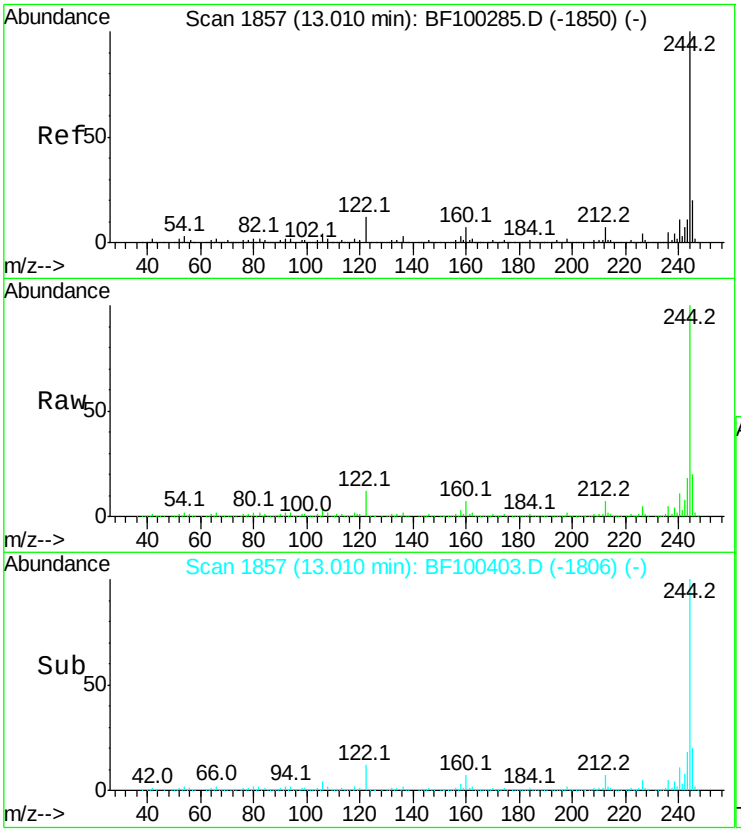


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Tgt Ion:240 Resp: 340611

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	25.4	20.7	31.1



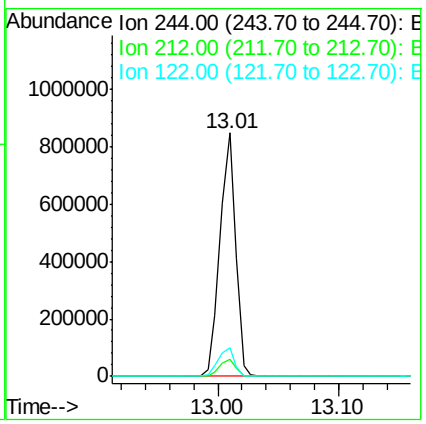


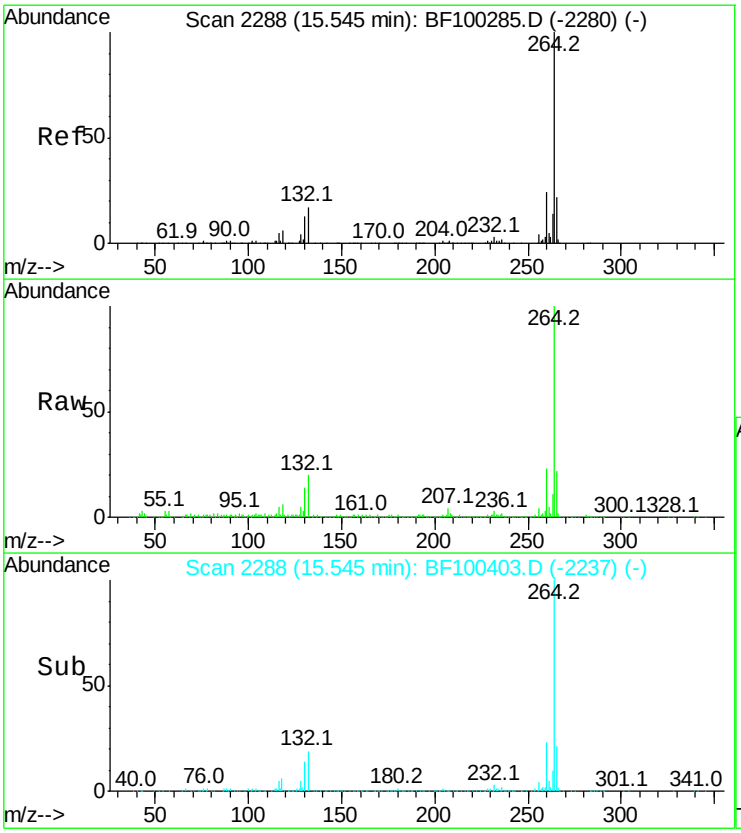
#78
Terphenyl-d14
Concen: 51.167 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 758494

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Tgt Ion:264 Resp: 258092

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.6	17.5	26.3