Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100310.D
Acq On : 8 Nov 2017 23:40
Operator : SJ/JU
Sample : I6346-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 09 00:15:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 08 14:33:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	163933	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	610886	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	253717	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	389954	20.00	ng		0.00
75) Chrysene-d12	14.06	240	326053	20.00	ng		-0.01
86) Perylene-d12	15.54	264	309021	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	725856	70.98	ng		0.00
7) Phenol-d6	6.52	99	903312	71.63	ng		0.00
23) Nitrobenzene-d5	7.46	82	523240	56.63	ng		-0.01
41) 2,4,6-Tribromophenol	10.72	330	173634	67.16	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	958670	57.54	ng		0.00
78) Terphenyl-d14	13.00	244	609277	42.94	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.53	94	51618	3.899	ng		99
19) n-Nitroso-di-n-propylamine	7.46	70	69072	7.898	ng	#	85
25) Isophorone	7.46	82	523231	26.947	ng	#	64
47) 2-Nitroaniline	9.65	65	3206	3.426	ng	#	1
49) Dimethylphthalate	9.65	163	366161	18.902	ng		99
56) 2,4-Dinitrotoluene	9.93	165	32685	6.757	ng	#	21
62) Azobenzene	10.65	77	172219	9.432	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.72	198	205	8.656	ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	11032	2.639	ng	#	1

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

Quantitation Report (Not Reviewed)

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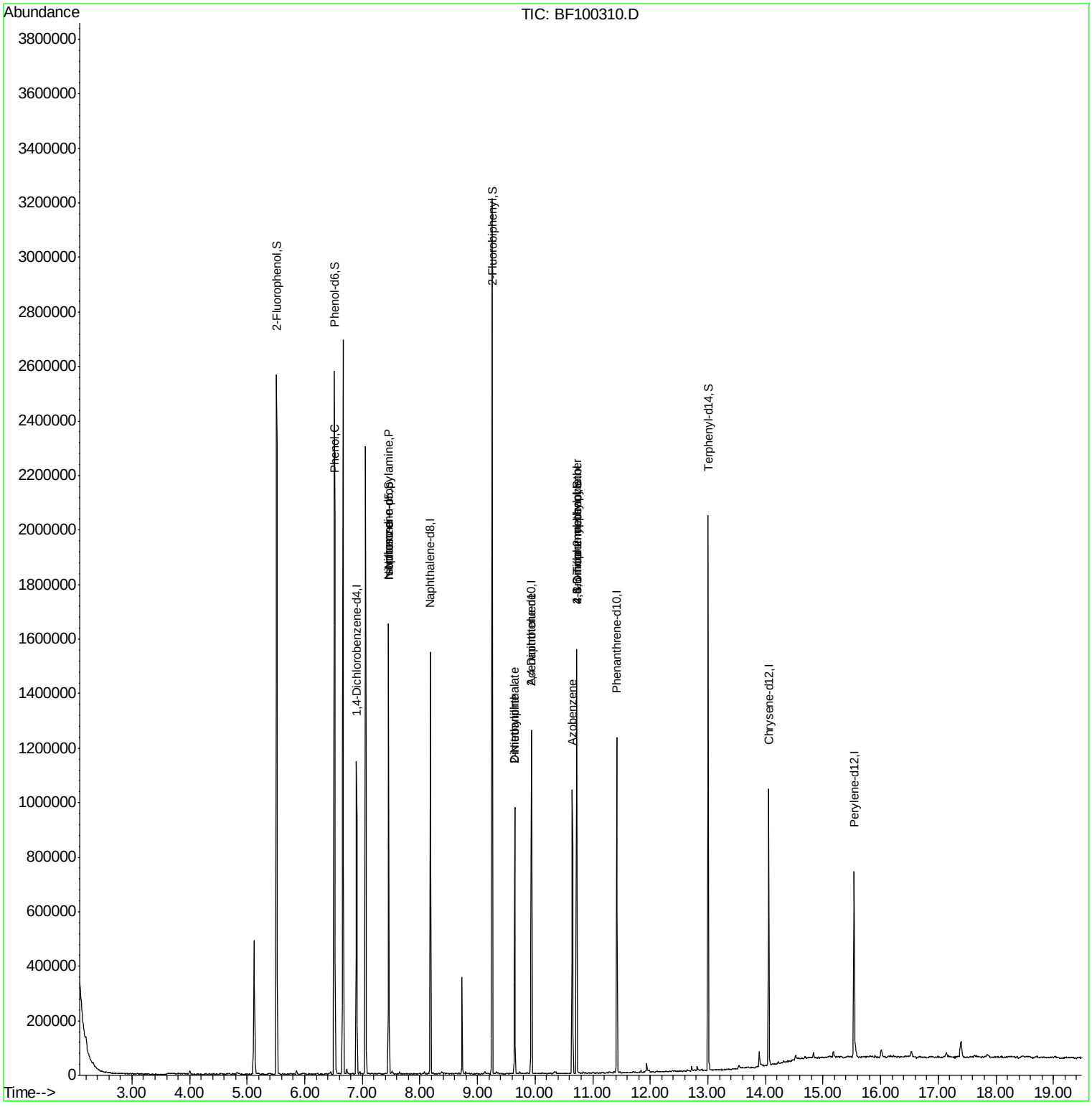
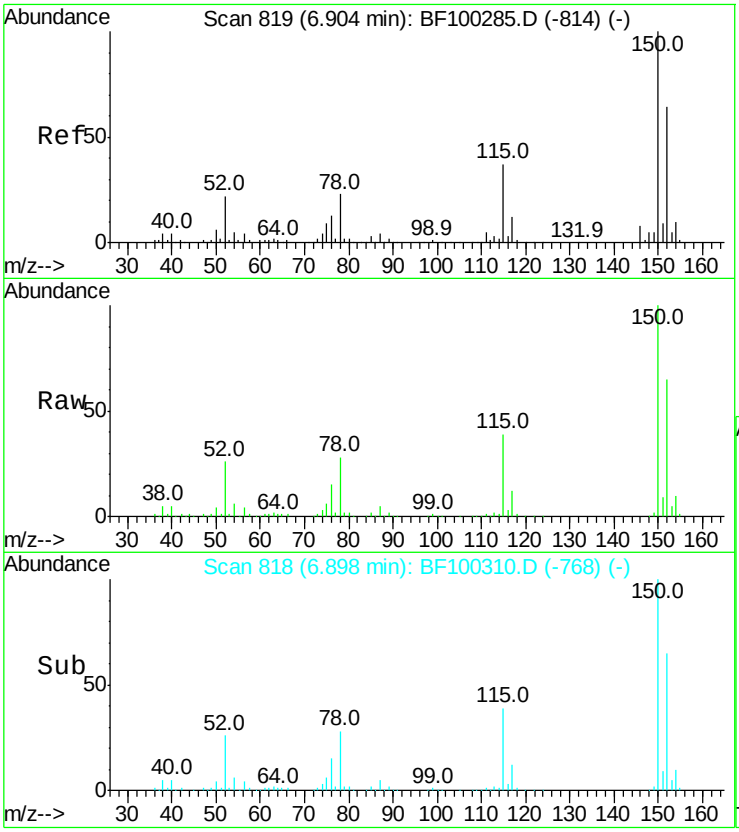
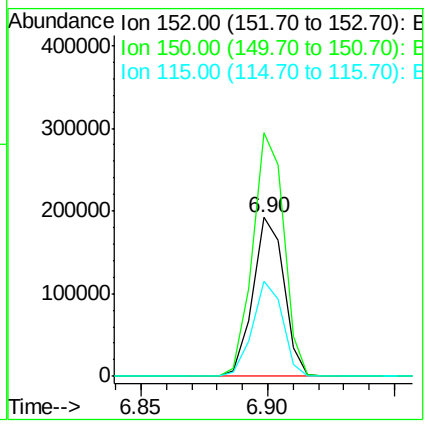


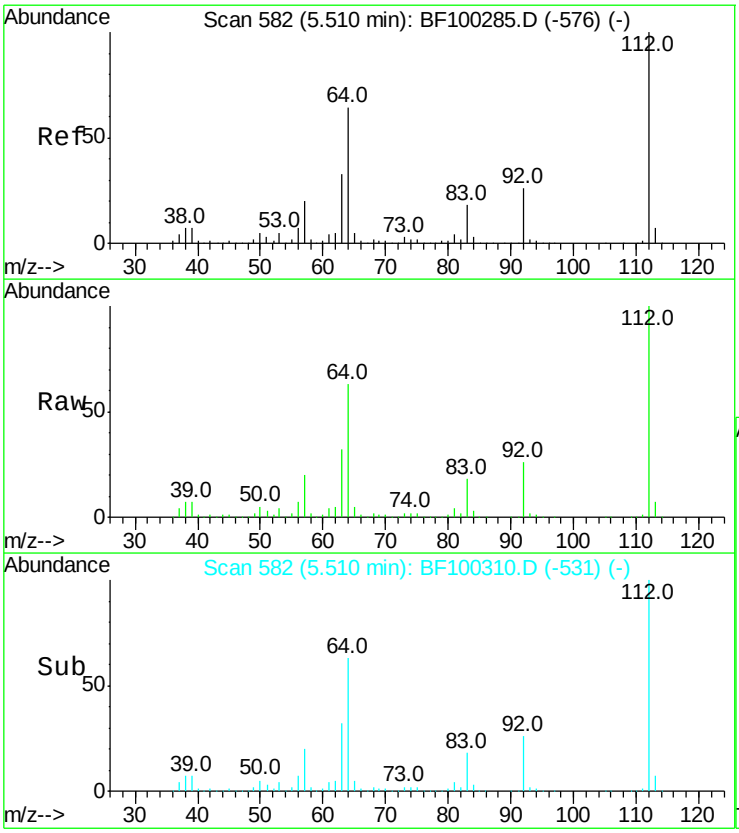


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tgt Ion:152 Resp: 163933

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	60.1	50.1	75.1

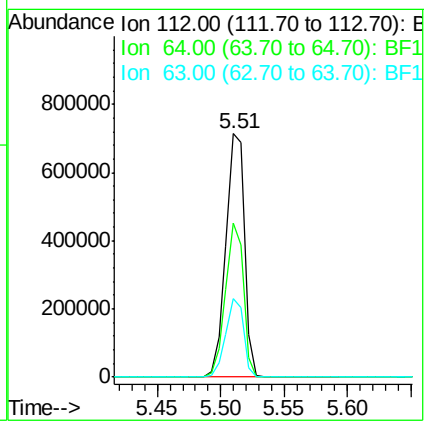


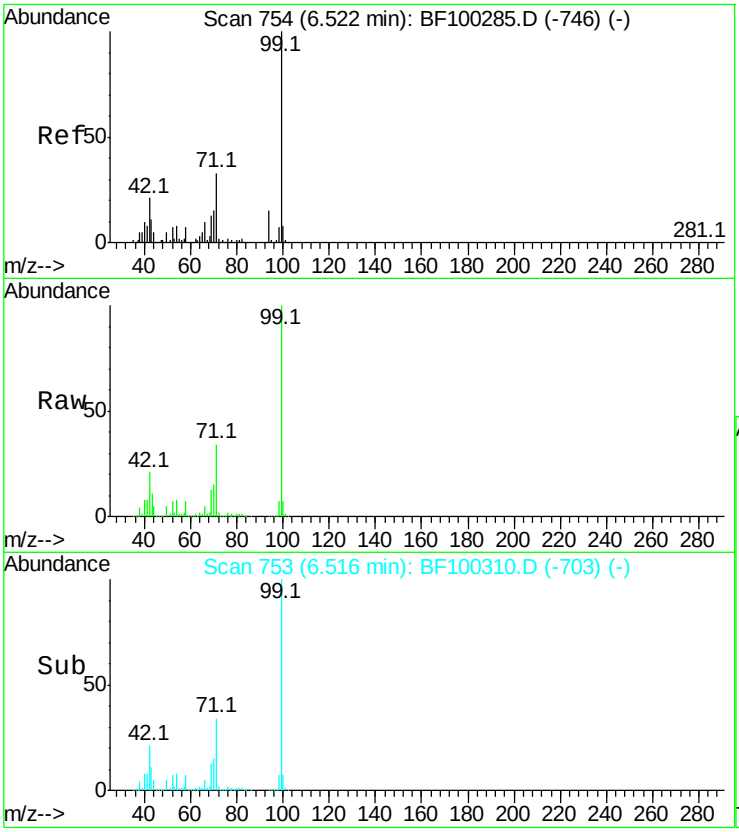


#5
2-Fluorophenol
Concen: 70.976 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tgt Ion:112 Resp: 725856

Ion	Ratio	Lower	Upper
112	100		
64	63.2	47.9	71.9
63	32.4	23.7	35.5

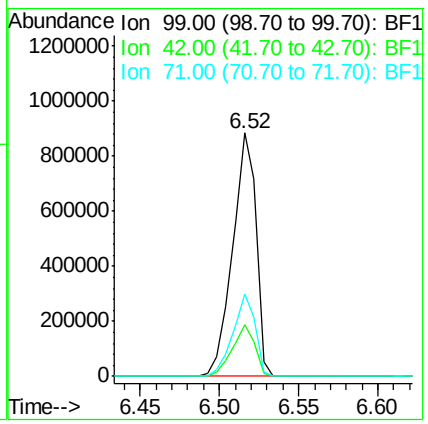


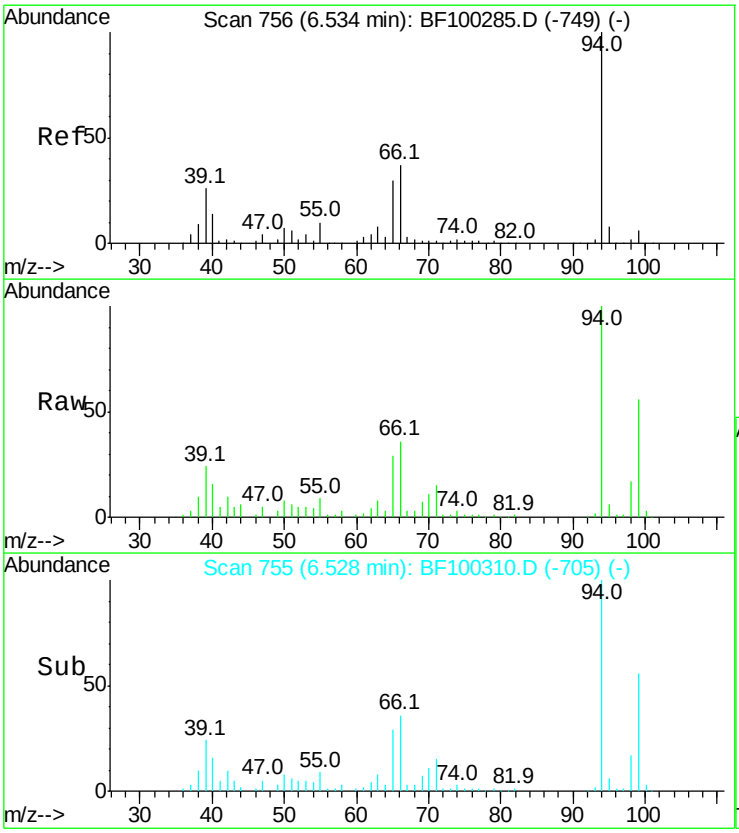


#7
Phenol-d6
Concen: 71.630 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tgt Ion: 99 Resp: 903312

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.5	21.7
71	33.9	25.4	38.0

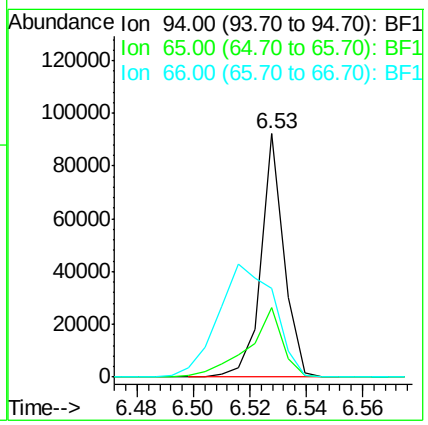


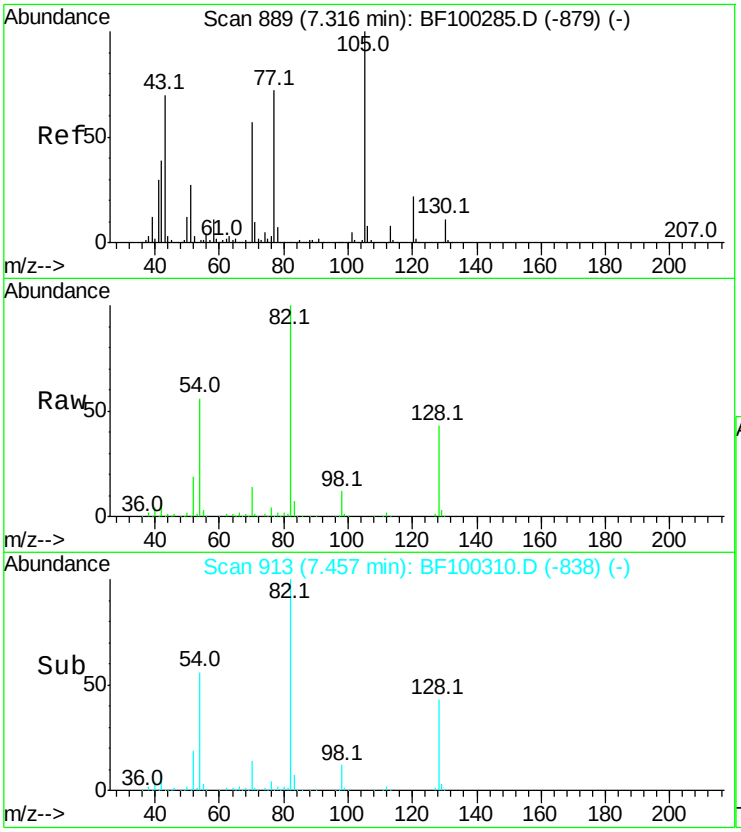


#10
Phenol
Concen: 3.899 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tgt Ion: 94 Resp: 51618

Ion	Ratio	Lower	Upper
94	100		
65	28.5	7.9	47.9
66	36.4	16.2	56.2

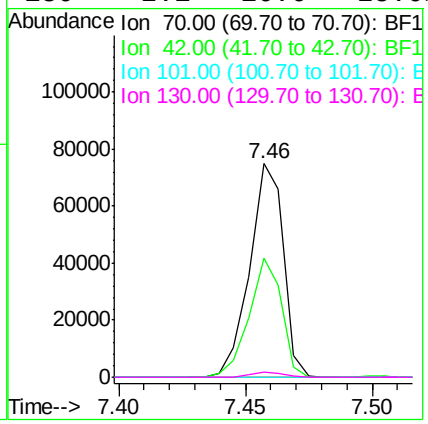


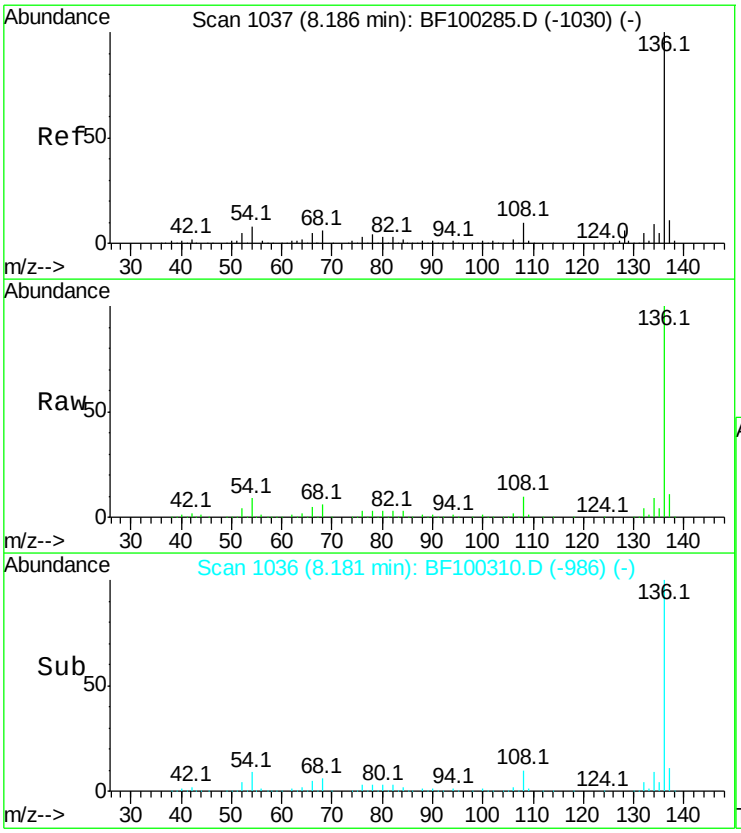


#19
n-Nitroso-di-n-propylamine
Concen: 7.898 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.14 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tgt Ion: 70 Resp: 69072

Ion	Ratio	Lower	Upper
70	100		
42	55.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

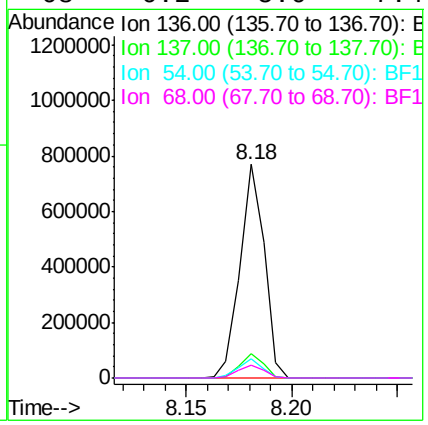


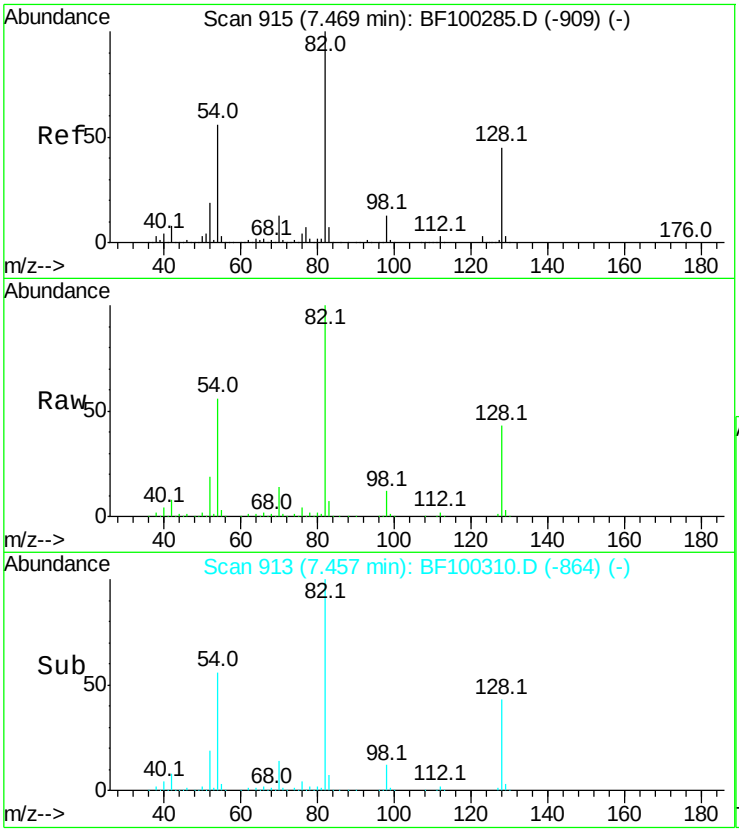


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tgt Ion:136 Resp: 610886

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.1	6.6	9.8
68	6.2	5.0	7.4

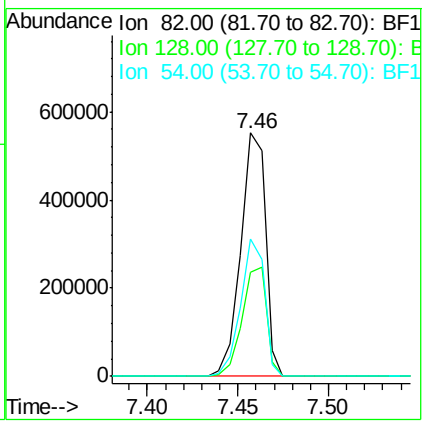


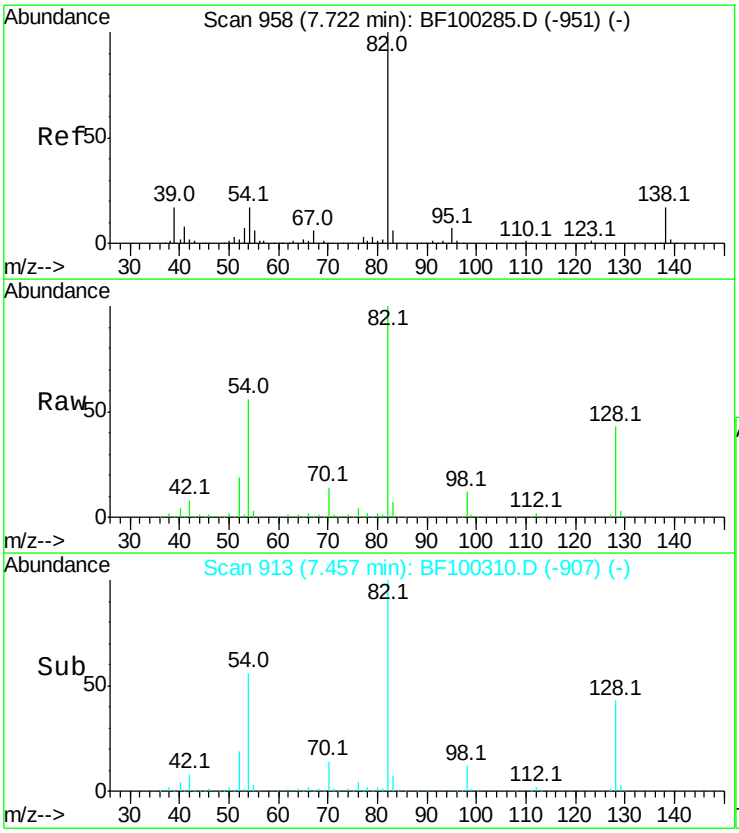


#23
Nitrobenzene-d5
Concen: 56.628 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tgt Ion: 82 Resp: 523240

Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	56.3	41.4	62.2

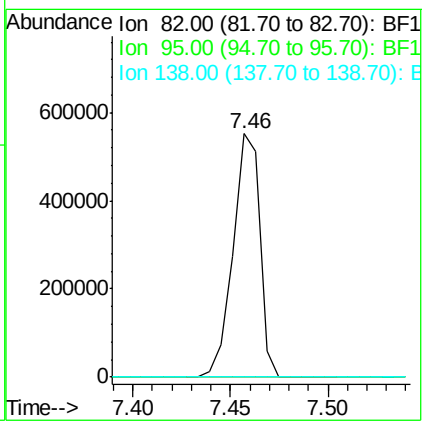


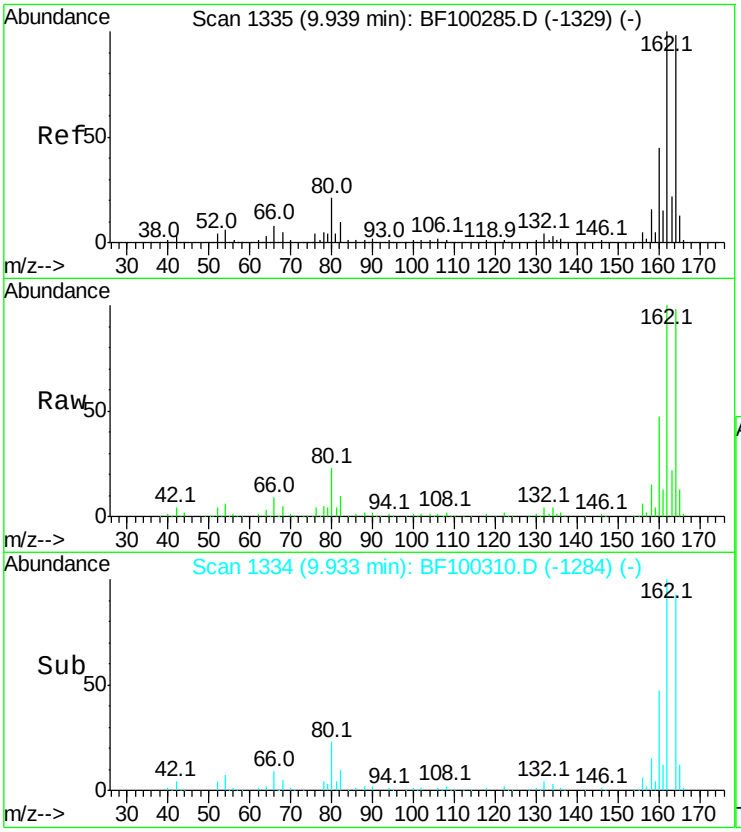


#25
Isophorone
Concen: 26.947 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tgt Ion: 82 Resp: 523231

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

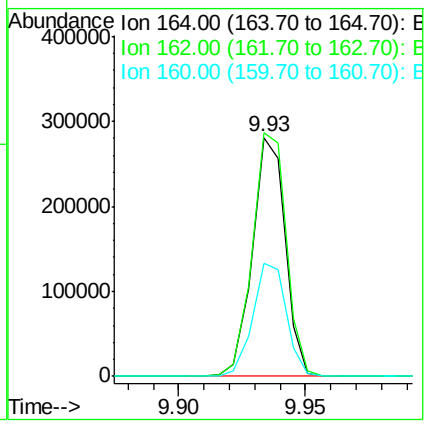


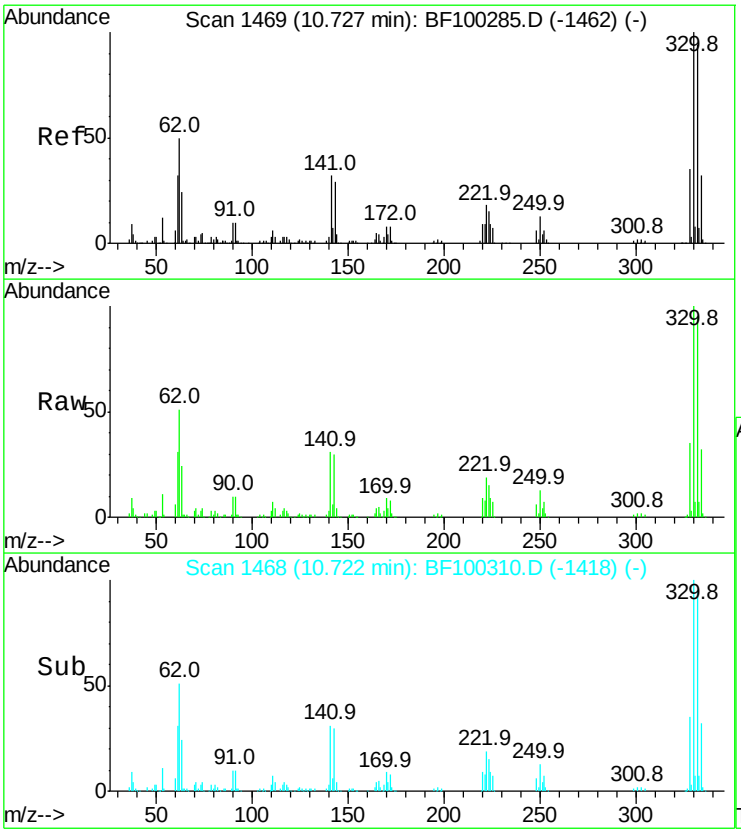


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tgt Ion:164 Resp: 253717

Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	47.5	38.3	57.5

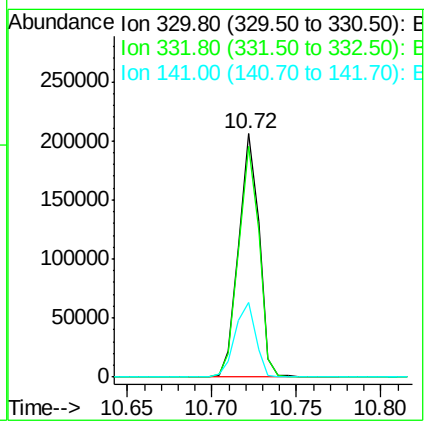


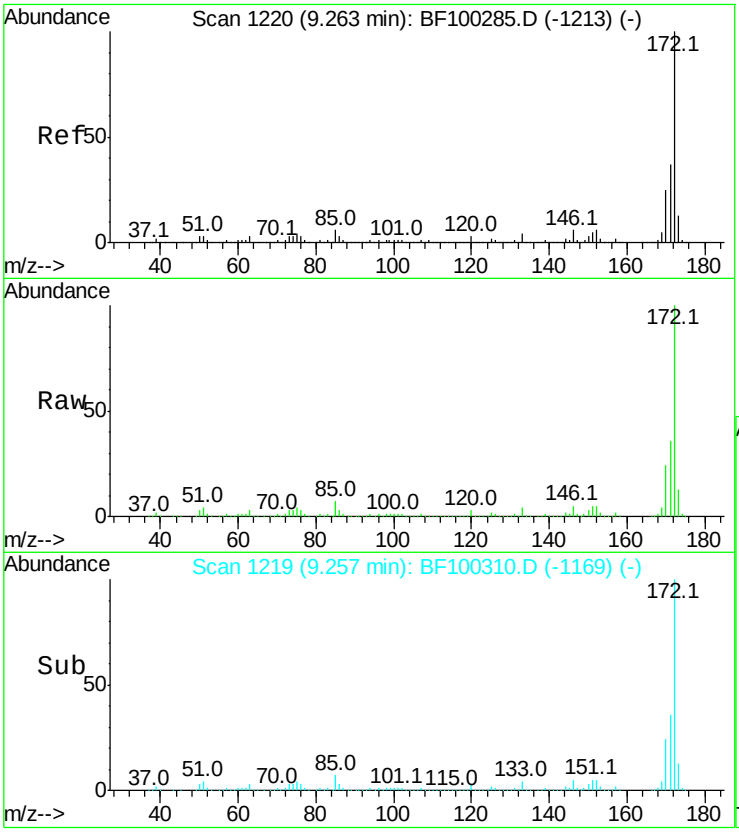


#41
2,4,6-Tribromophenol
Concen: 67.160 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tgt Ion:330 Resp: 173634

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	31.0	29.9	44.9

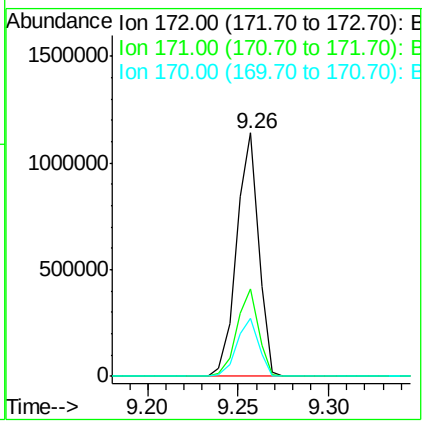


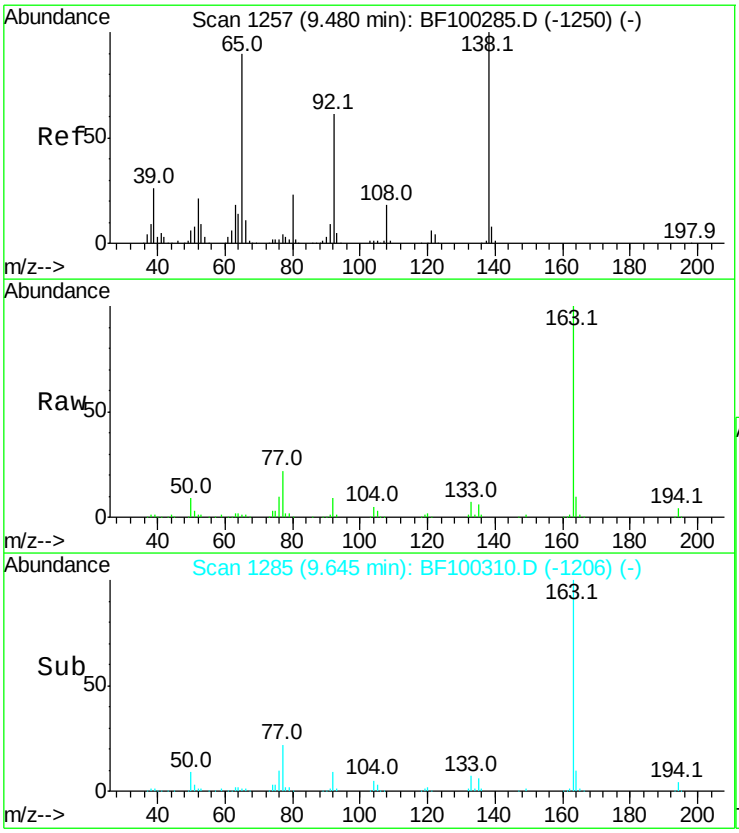


#44
2-Fluorobiphenyl
Concen: 57.536 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tgt Ion:172 Resp: 958670

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.9	19.6	29.4

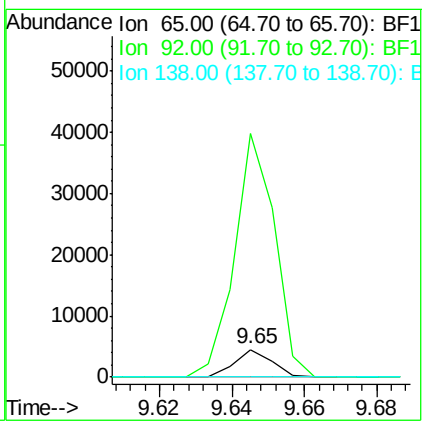


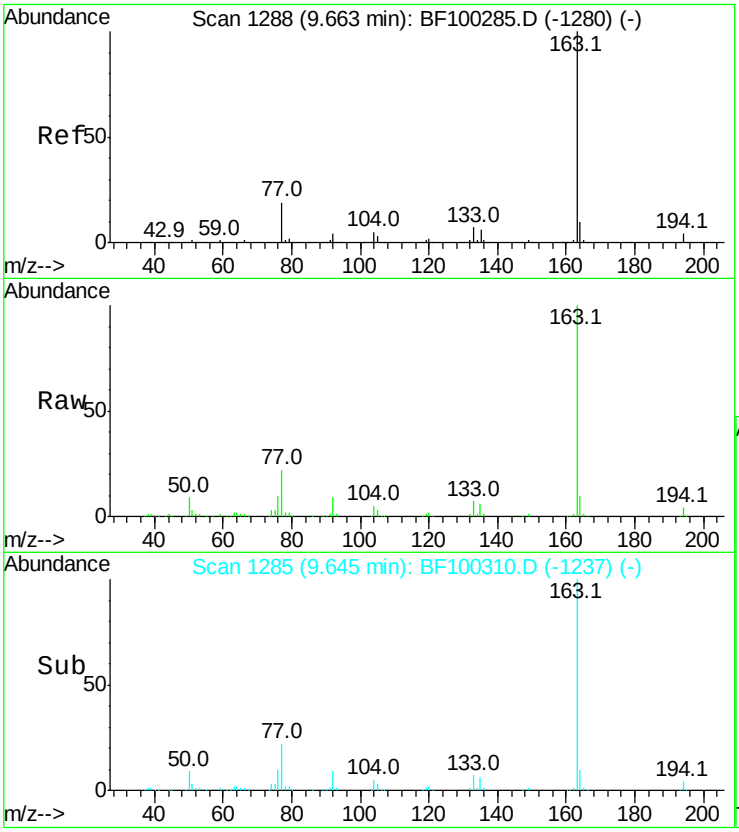


#47
2-Nitroaniline
Concen: 3.426 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.17 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tgt Ion: 65 Resp: 3206

Ion	Ratio	Lower	Upper
65	100		
92	880.6	55.8	83.6#
138	0.0	91.2	136.8#

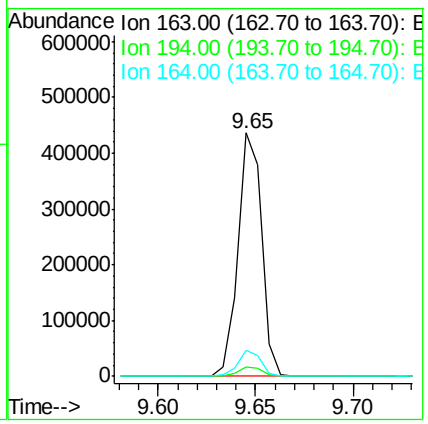


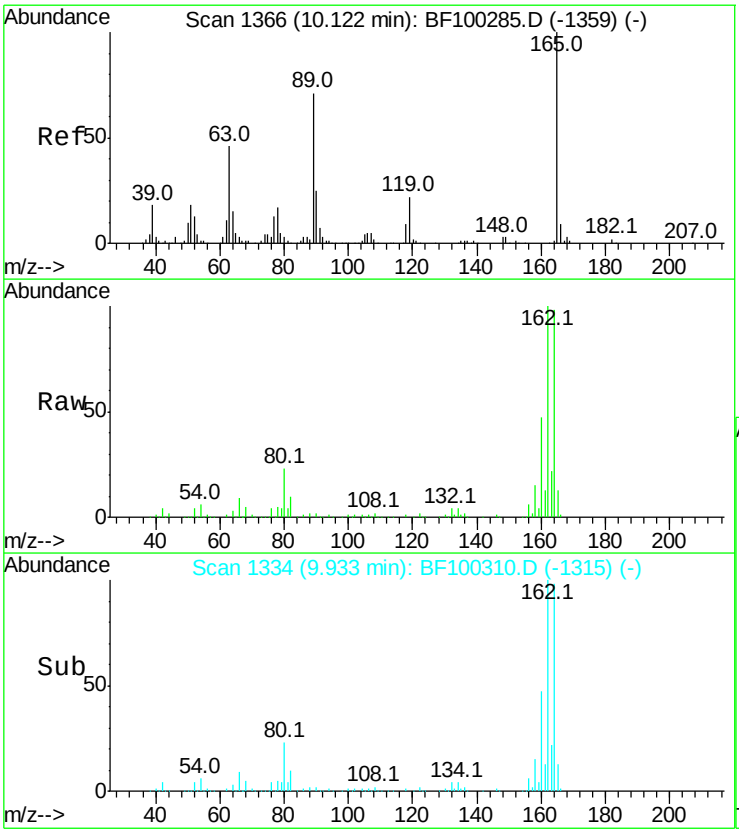


#49
Dimethylphthalate
Concen: 18.902 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tgt Ion:163 Resp: 366161

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.4	8.2	12.2

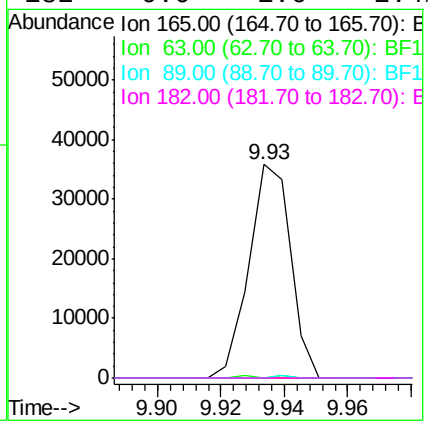


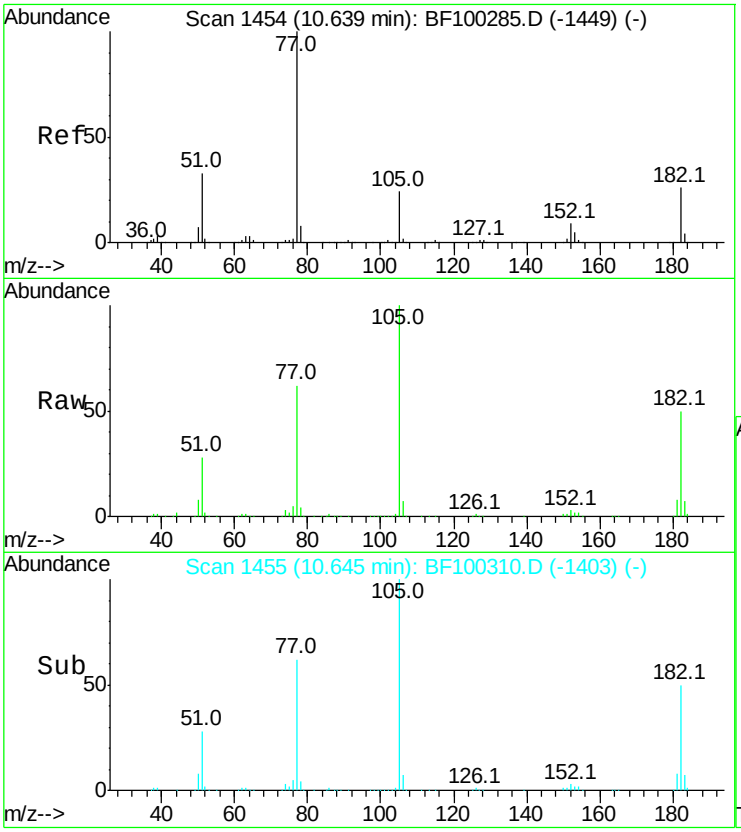


#56
2,4-Dinitrotoluene
Concen: 6.757 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.19 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tgt Ion:165 Resp: 32685

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#

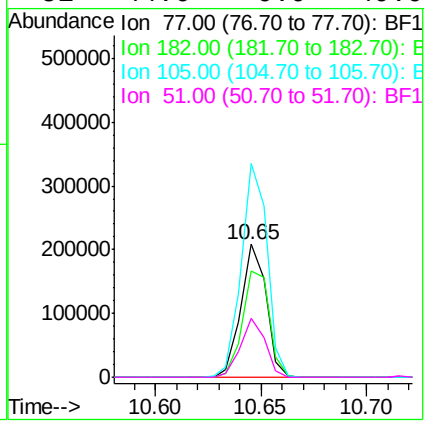


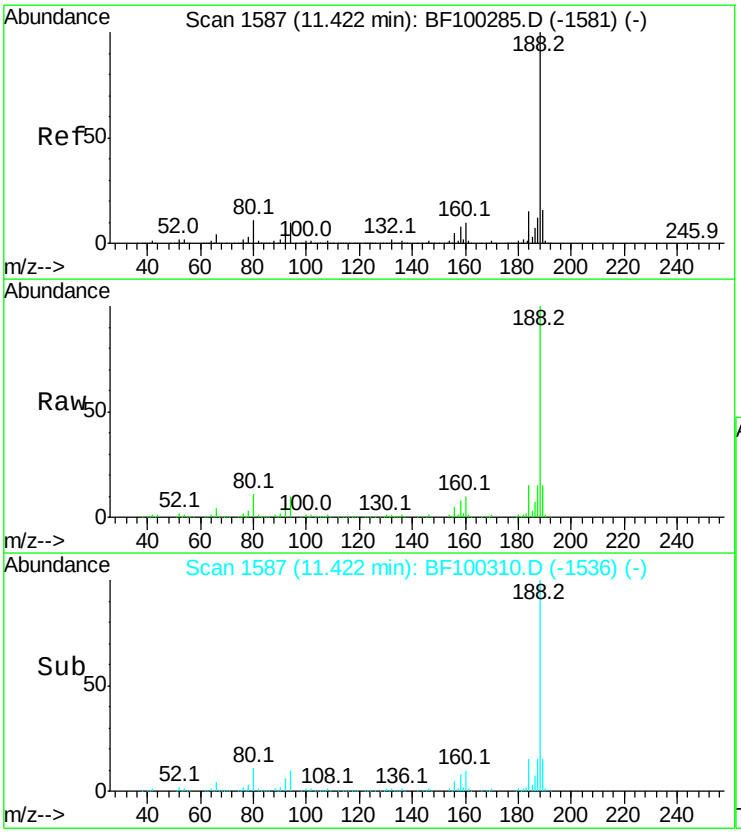


#62
Azobenzene
Concen: 9.432 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tgt Ion: 77 Resp: 172219

Ion	Ratio	Lower	Upper
77	100		
182	80.0	1.7	41.7#
105	161.2	3.0	43.0#
51	44.6	9.9	49.9

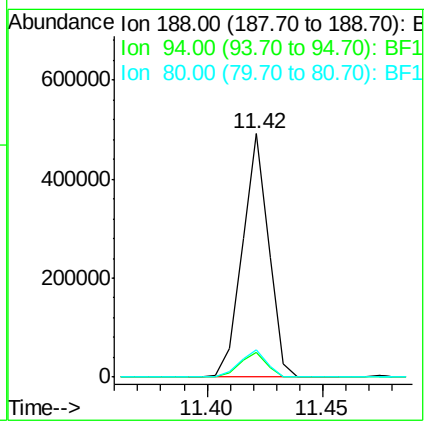


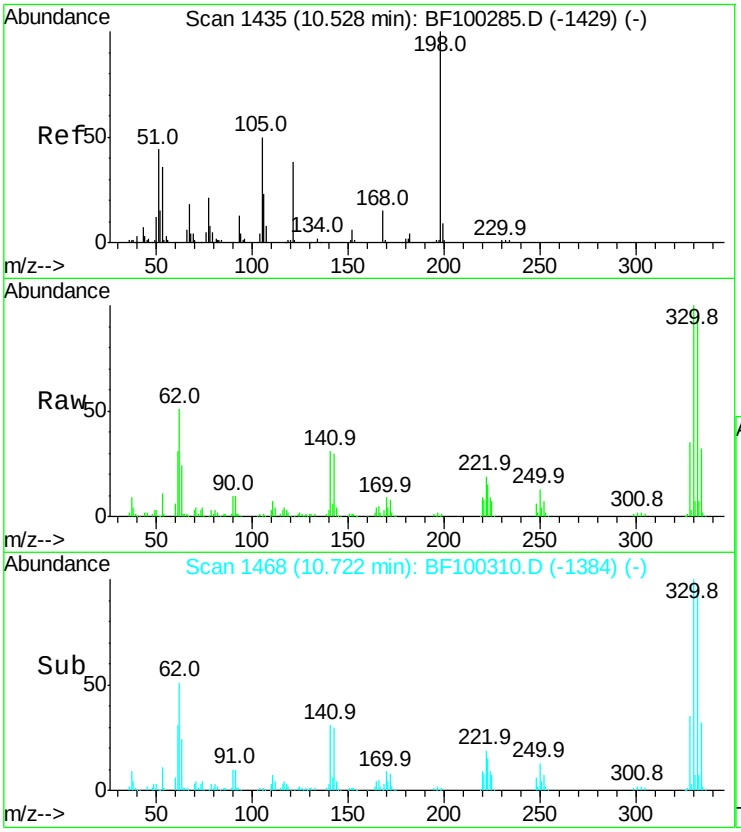


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tgt Ion:188 Resp: 389954

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.1	9.2	13.8

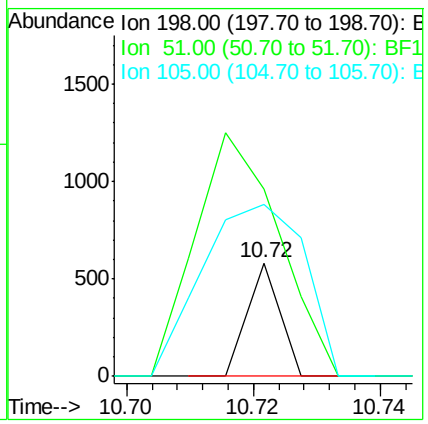


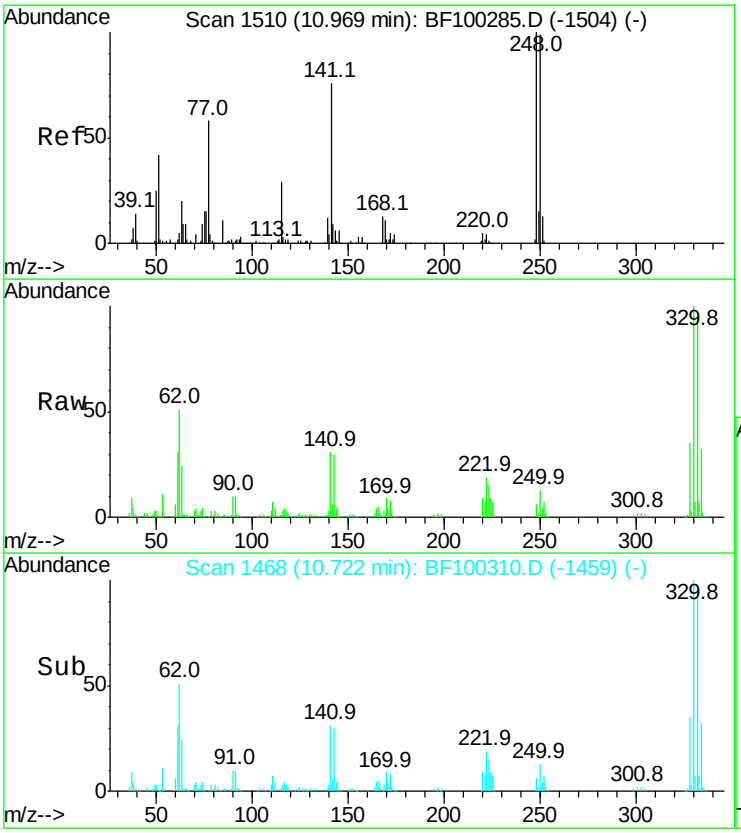


#64
4,6-Dinitro-2-methylphenol
Concen: 8.656 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tgt Ion:198 Resp: 205

Ion	Ratio	Lower	Upper
198	100		
51	165.7	37.7	77.7#
105	152.6	36.3	76.3#

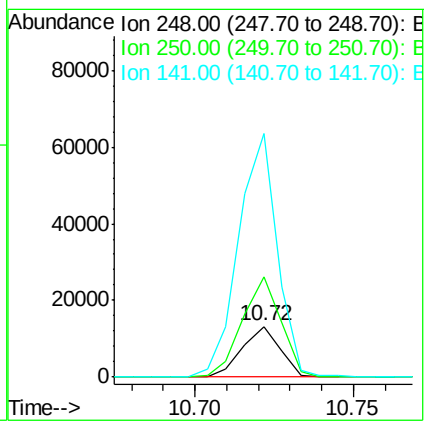


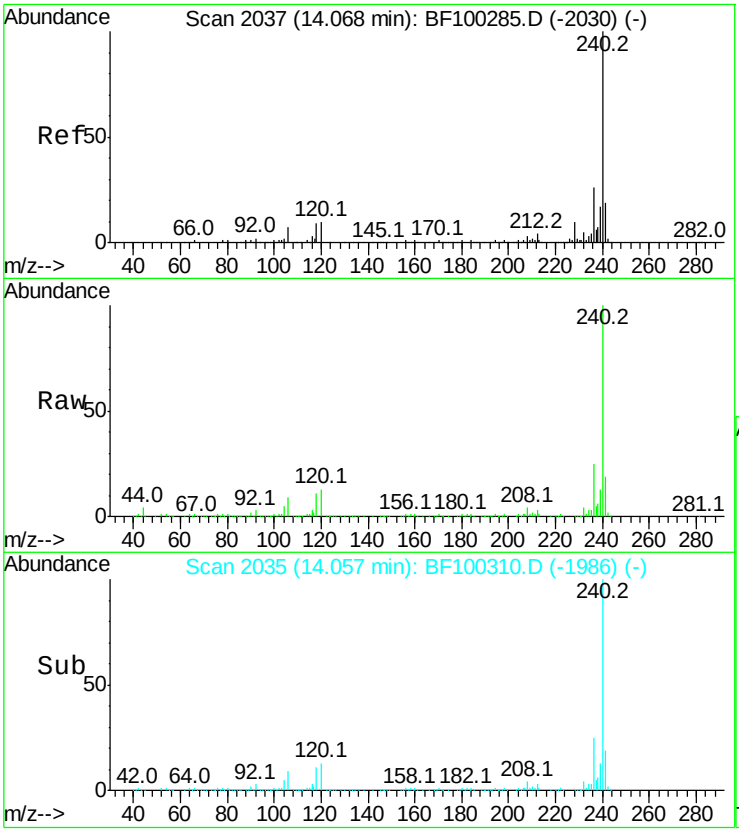


#66
4-Bromophenyl-phenylether
Concen: 2.639 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.25 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tgt Ion:248 Resp: 11032

Ion	Ratio	Lower	Upper
248	100		
250	199.5	76.9	115.3#
141	482.4	74.4	111.6#

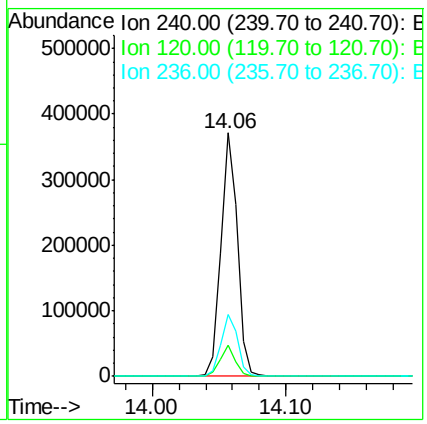


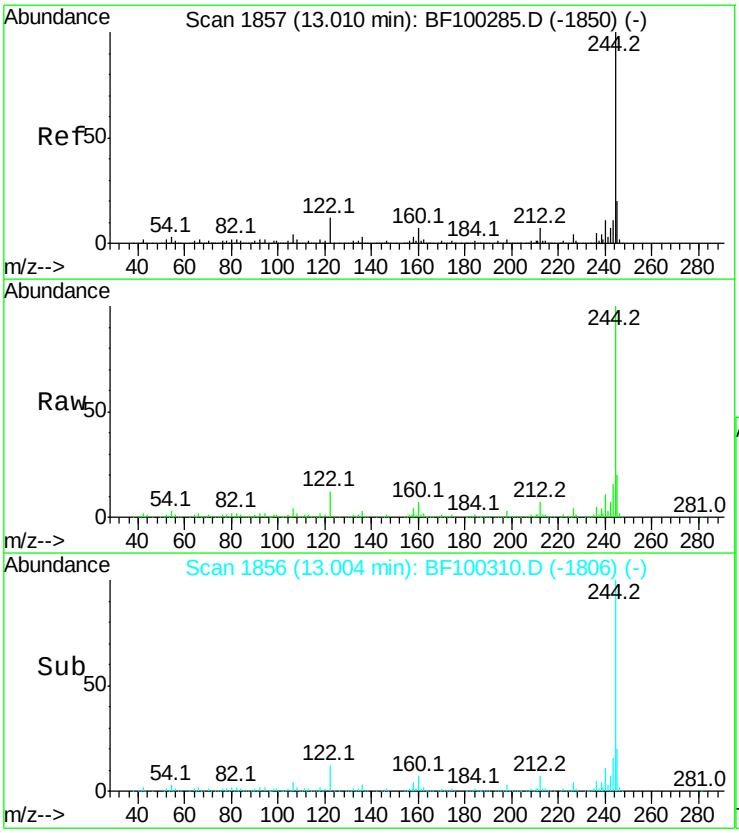


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tgt Ion:240 Resp: 326053

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.4	20.7	31.1

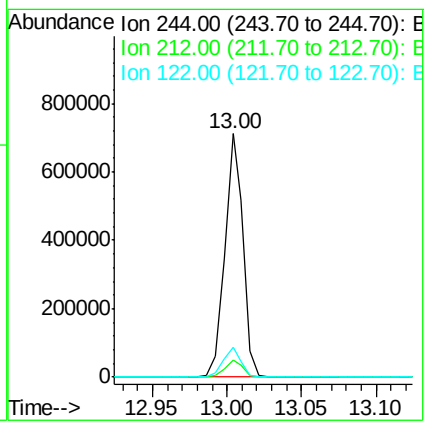


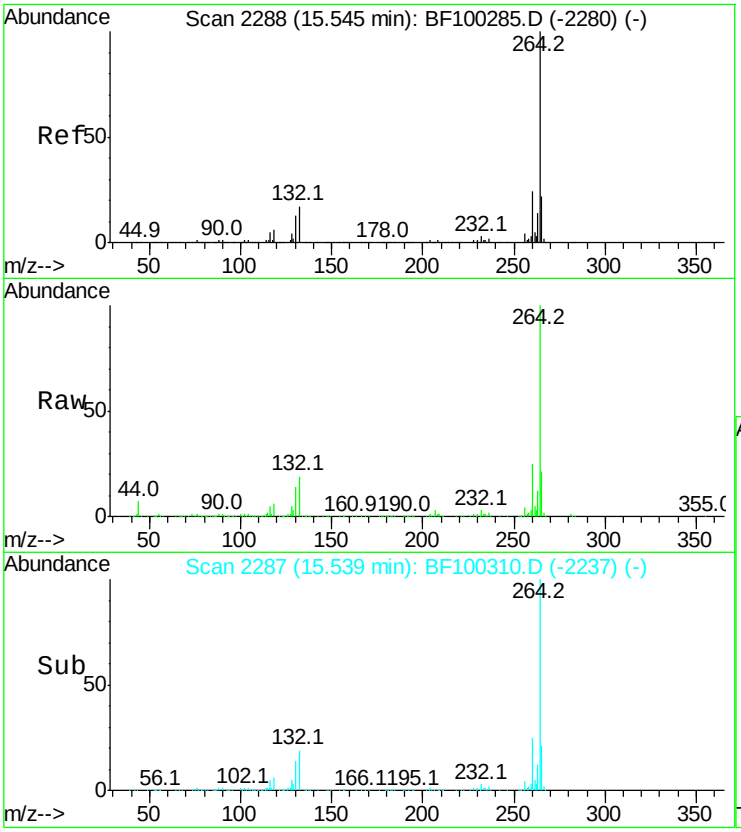


#78
Terphenyl-d14
Concen: 42.936 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tgt Ion:244 Resp: 609277

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF100310.D
Acq: 8 Nov 2017 23:40

Tgt Ion:264 Resp: 309021

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.5	17.5	26.3