Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100303.D
Acq On : 8 Nov 2017 20:31
Operator : SJ/JU
Sample : I6300-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 09 00:12:39 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

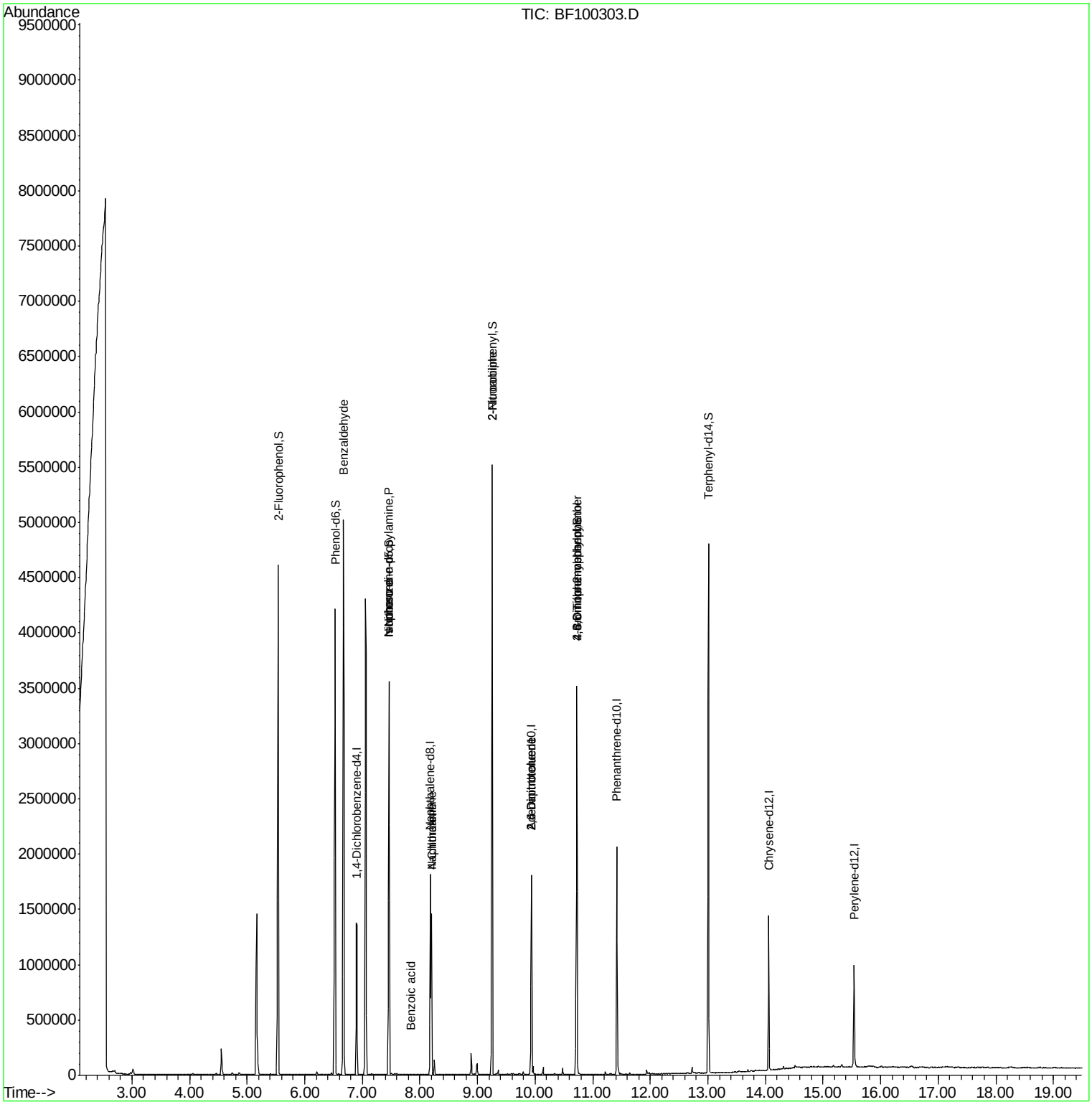
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	206680	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	830630	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	381474	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	684768	20.00	ng		0.00
75) Chrysene-d12	14.06	240	450457	20.00	ng		-0.01
86) Perylene-d12	15.54	264	441803	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1500034	116.34	ng		0.03
7) Phenol-d6	6.53	99	1672615	105.20	ng		0.00
23) Nitrobenzene-d5	7.46	82	1267569	100.89	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	507236	130.49	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2157804	86.13	ng		0.00
78) Terphenyl-d14	13.01	244	1823675	93.02	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.67	77	34998	3.082	ng		82
19) n-Nitroso-di-n-propylamine	7.46	70	173229	15.711	ng	#	83
25) Isophorone	7.46	82	1267537	48.010	ng	#	64
31) Naphthalene	8.20	128	687377	17.181	ng		99
32) Benzoic acid	7.85	122	889	9.450	ng		94
33) 4-Chloroaniline	8.20	127	90041	5.407	ng	#	32
47) 2-Nitroaniline	9.25	65	3232	3.214	ng	#	4
50) 2,6-Dinitrotoluene	9.93	165	48259	8.371	ng	#	25
56) 2,4-Dinitrotoluene	9.93	165	48259	6.635	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.73	198	1190	8.853	ng	#	1
66) 4-Bromophenyl-phenylether	10.73	248	31917	4.348	ng	#	1

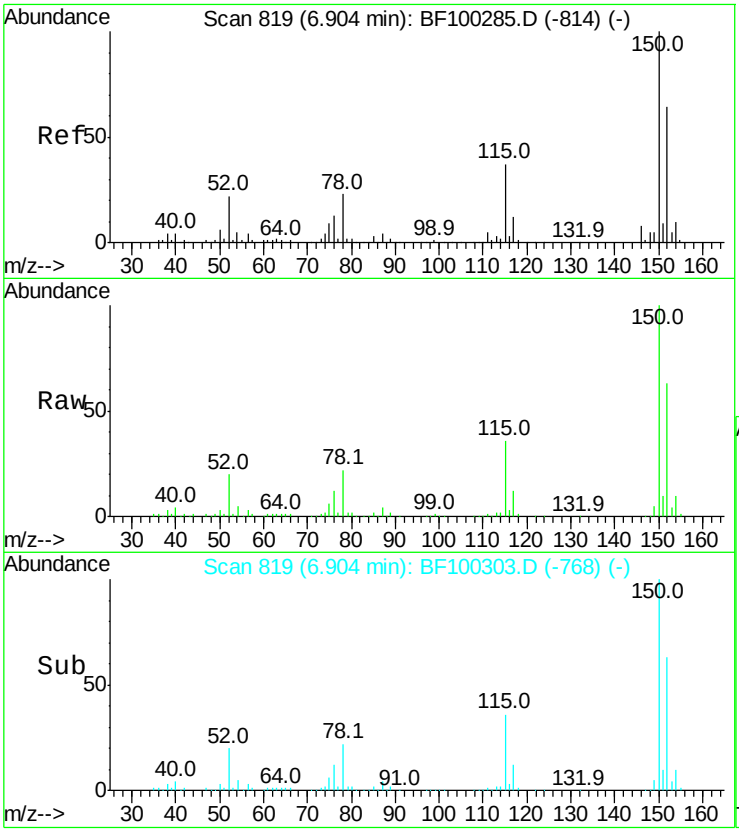
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100303.D
Acq On : 8 Nov 2017 20:31
Operator : SJ/JU
Sample : I6300-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 09 00:12:39 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

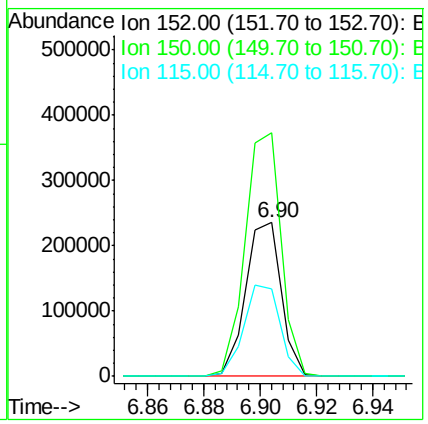


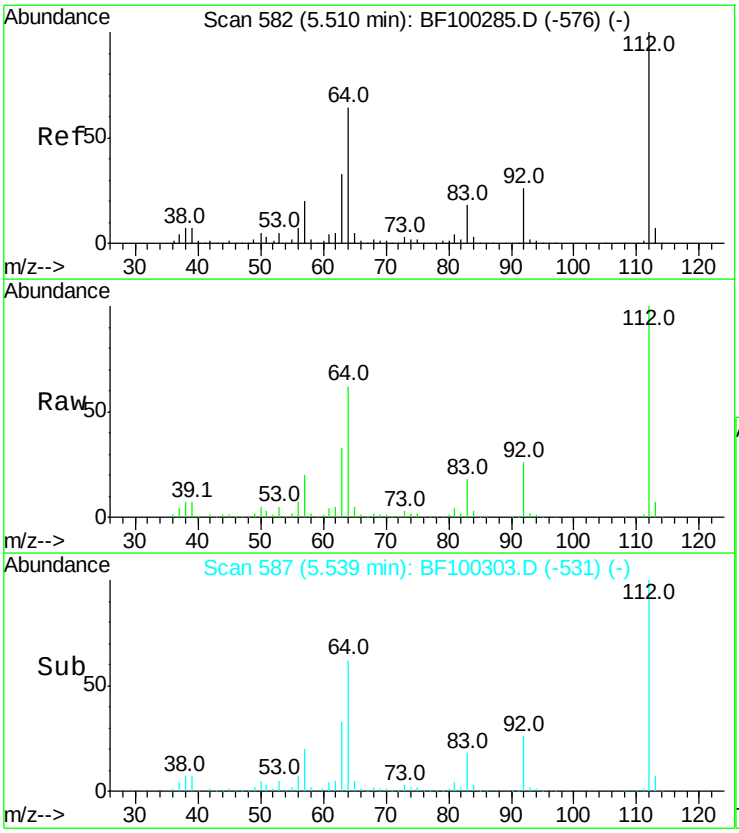


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion:152 Resp: 206680

Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	57.4	50.1	75.1

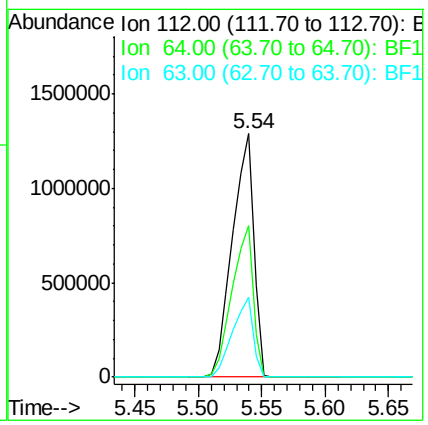


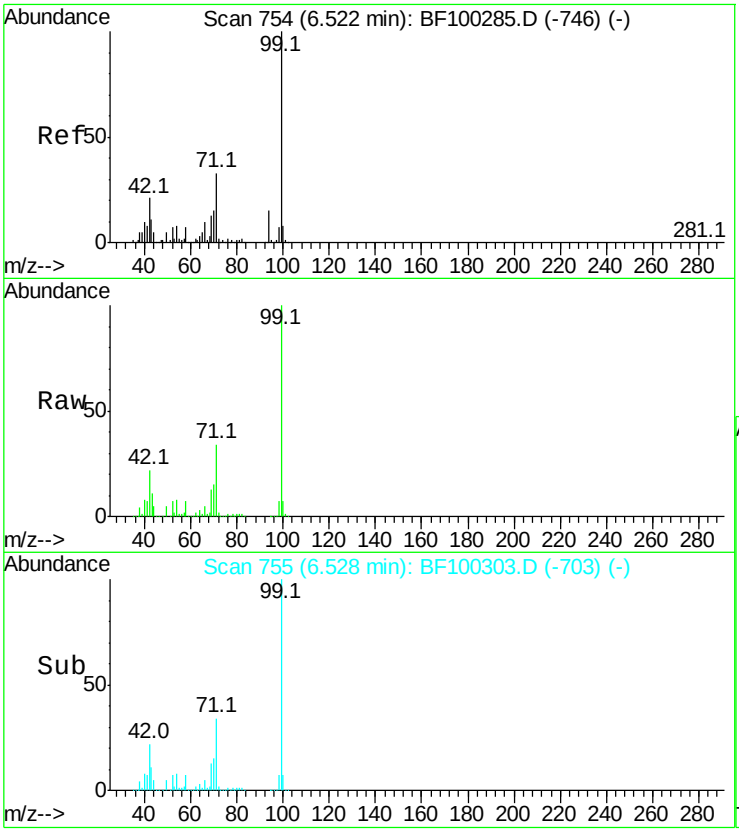


#5
2-Fluorophenol
Concen: 116.341 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.03 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion:112 Resp: 1500034

Ion	Ratio	Lower	Upper
112	100		
64	62.3	47.9	71.9
63	33.0	23.7	35.5

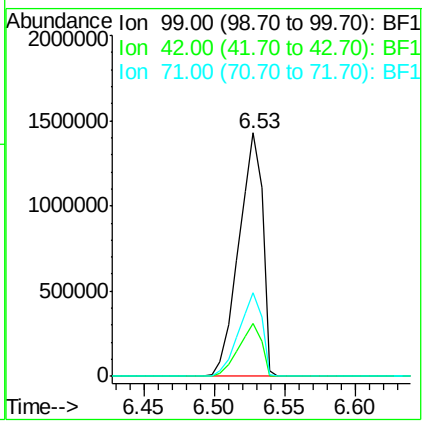


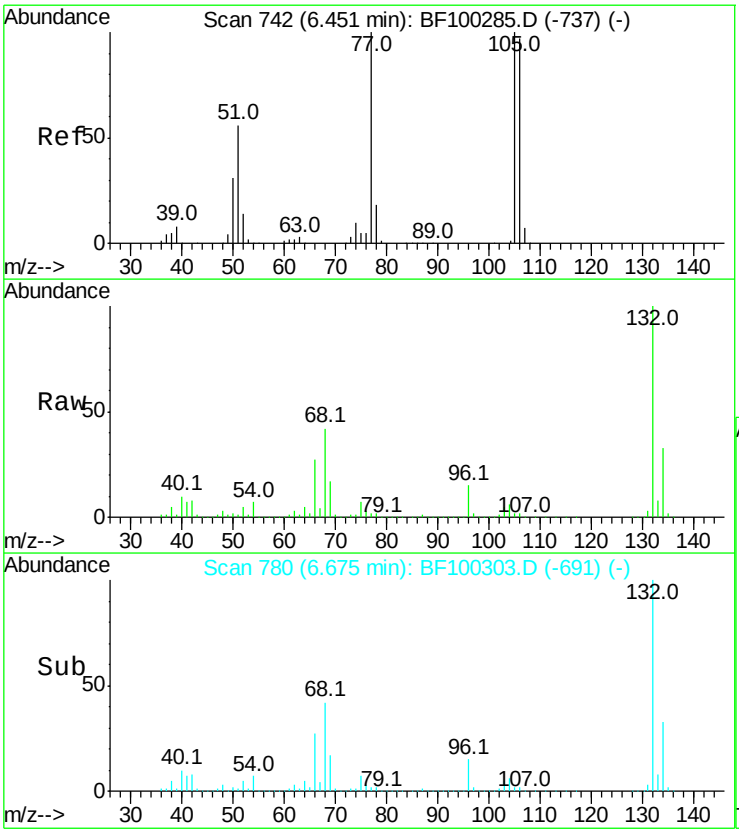


#7
Phenol-d6
Concen: 105.201 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion: 99 Resp: 1672615

Ion	Ratio	Lower	Upper
99	100		
42	21.7	14.5	21.7
71	34.4	25.4	38.0

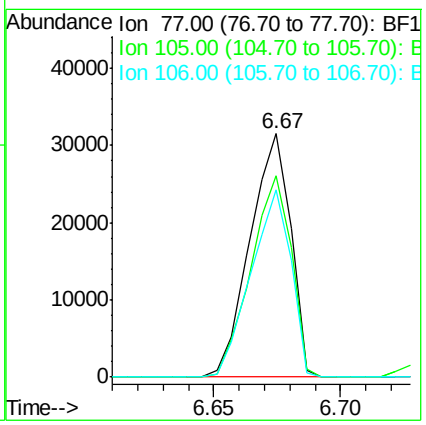


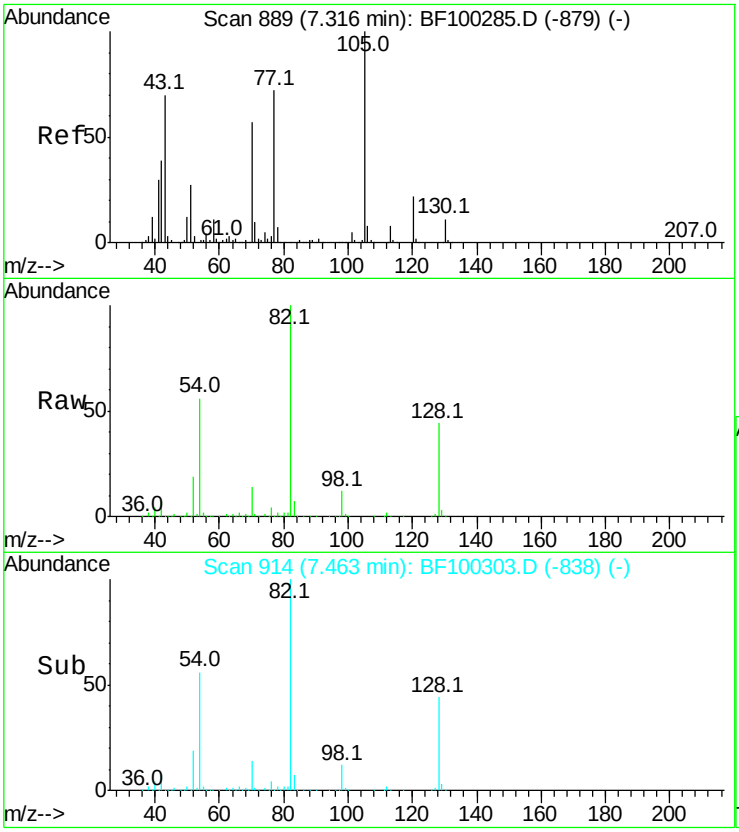


#9
Benzaldehyde
Concen: 3.082 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.22 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion: 77 Resp: 34998

Ion	Ratio	Lower	Upper
77	100		
105	82.5	81.1	121.1
106	76.8	74.5	114.5

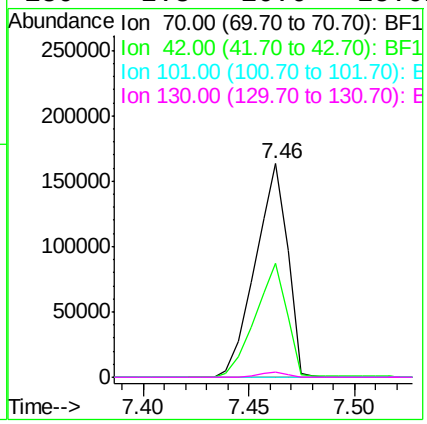


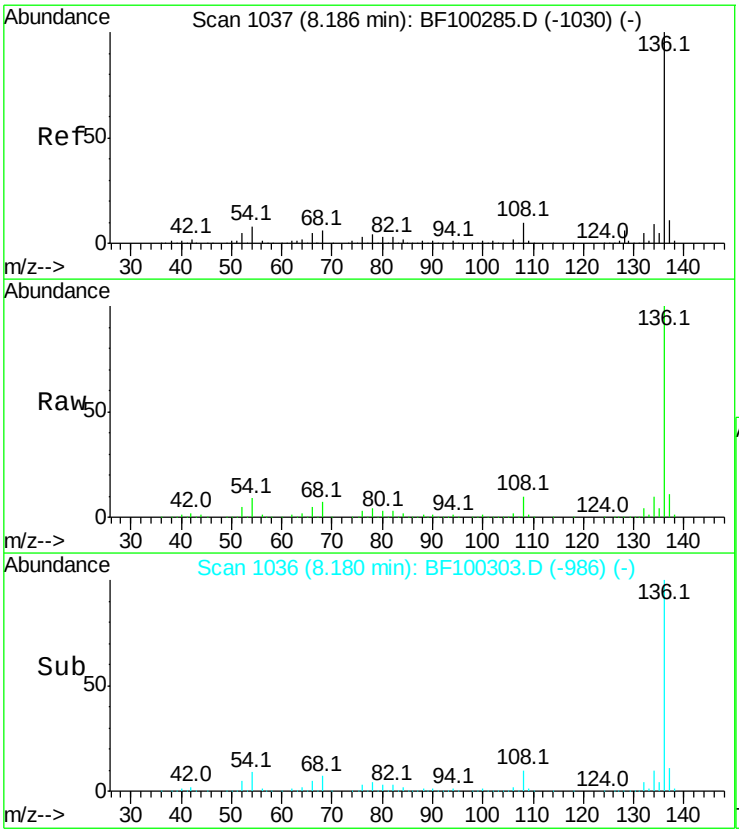


#19
n-Nitroso-di-n-propylamine
Concen: 15.711 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion: 70 Resp: 173229

Ion	Ratio	Lower	Upper
70	100		
42	53.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

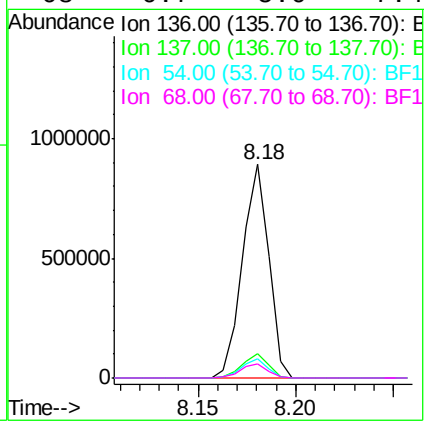


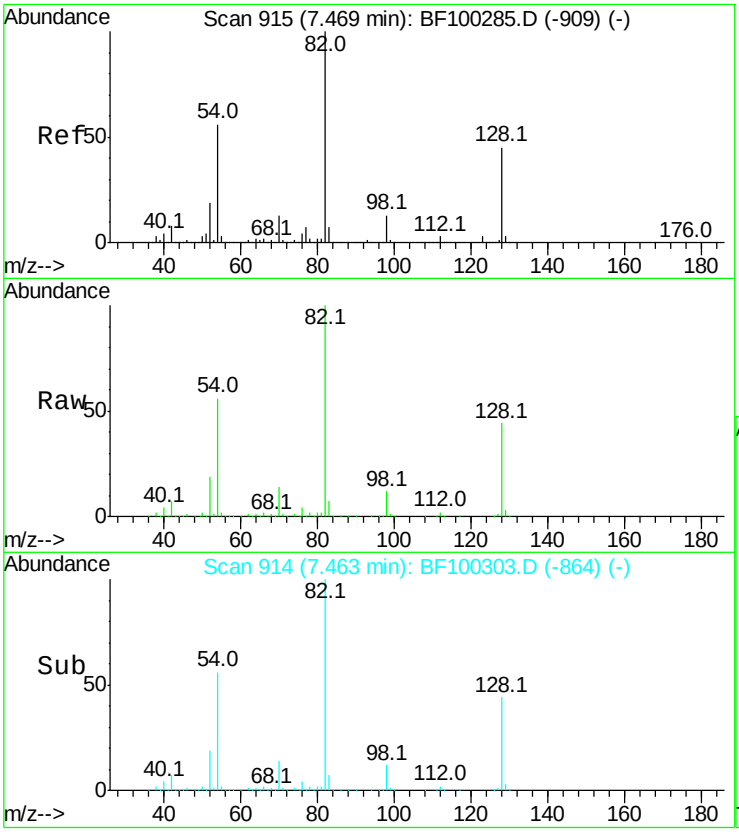


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion:136 Resp: 830630

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.9	6.6	9.8
68	6.7	5.0	7.4

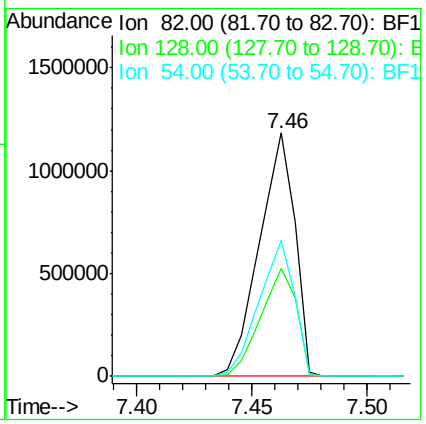


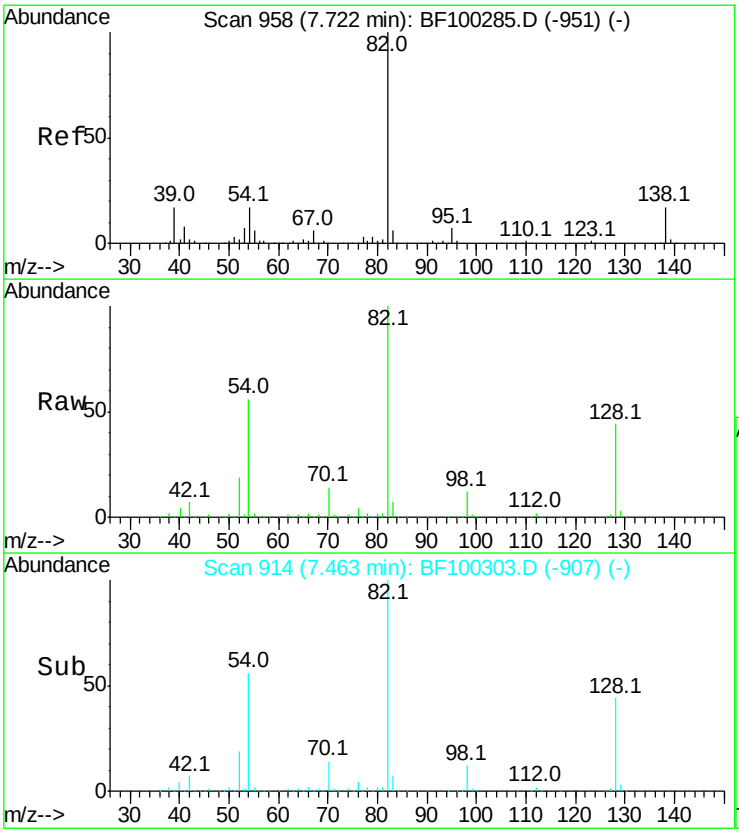


#23
Nitrobenzene-d5
Concen: 100.891 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion: 82 Resp: 1267569

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	56.0	41.4	62.2

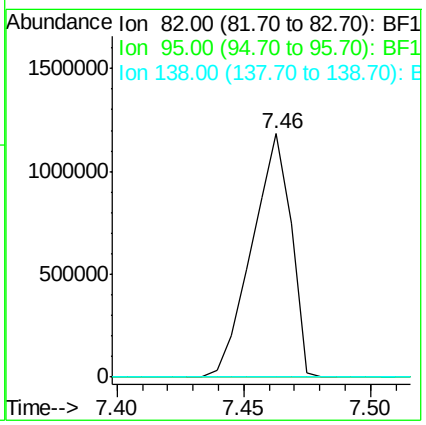


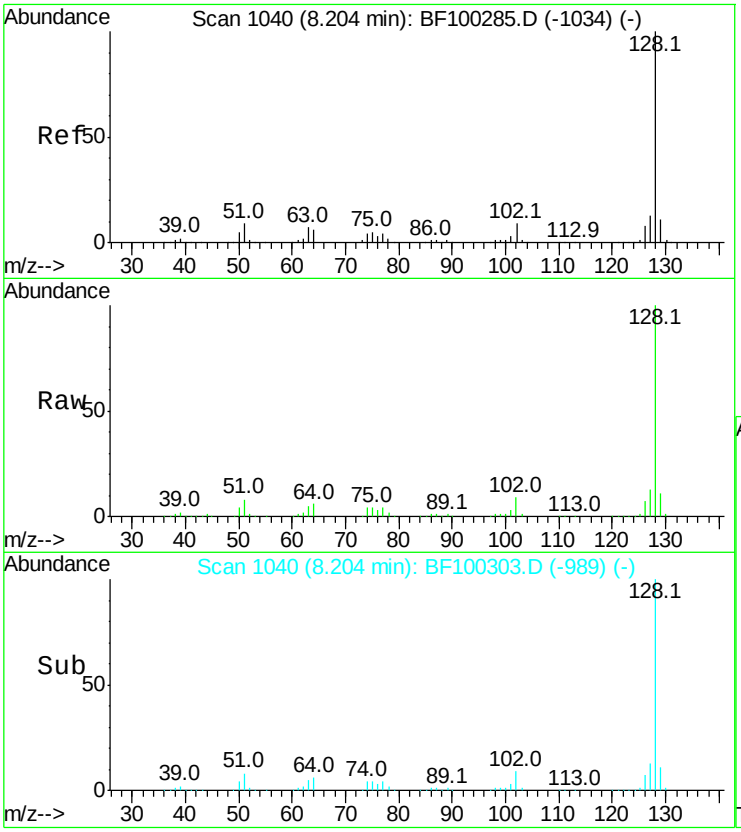


#25
Isophorone
Concen: 48.010 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion: 82 Resp: 1267537

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

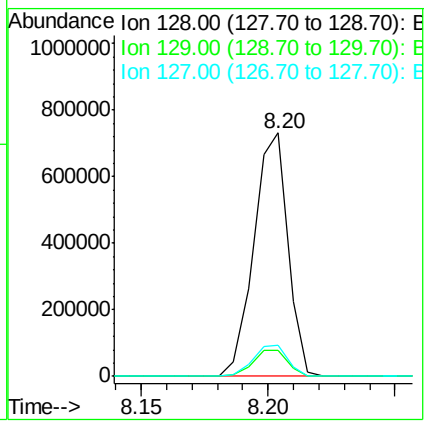


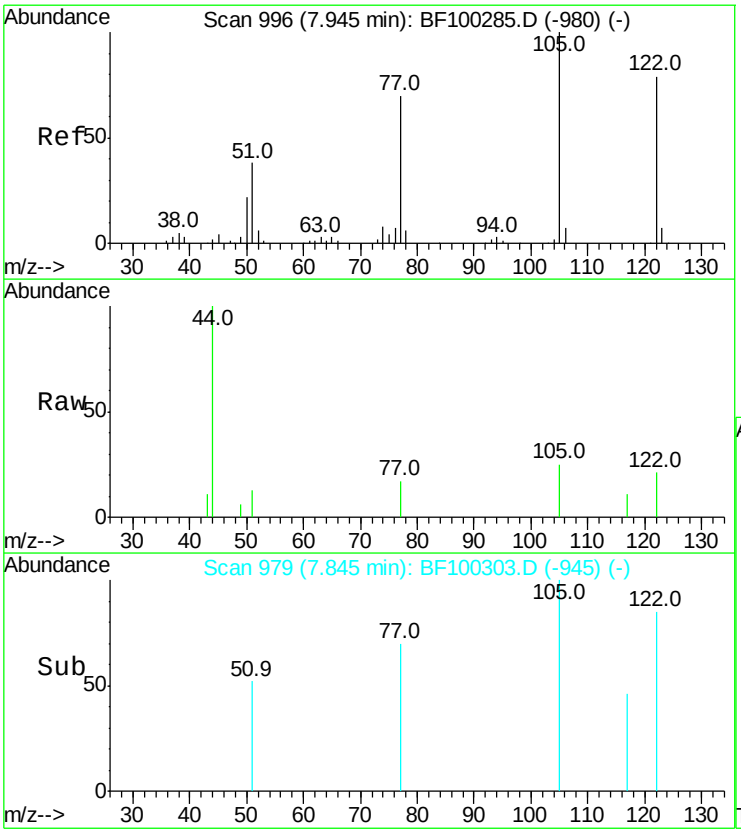


#31
Naphthalene
Concen: 17.181 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion:128 Resp: 687377

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.8	10.9	16.3

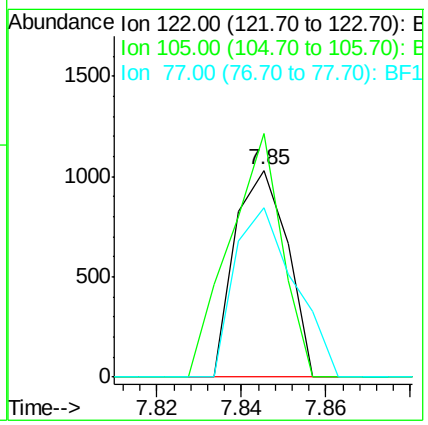


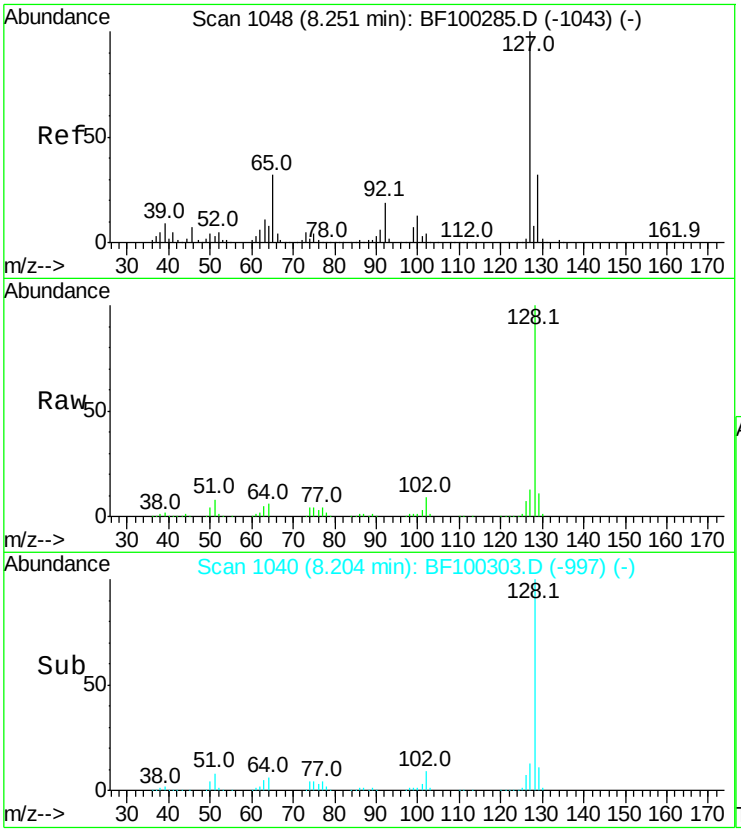


#32
Benzoic acid
Concen: 9.450 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.10 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion:122 Resp: 889

Ion	Ratio	Lower	Upper
122	100		
105	117.7	101.1	141.1
77	82.0	70.7	110.7

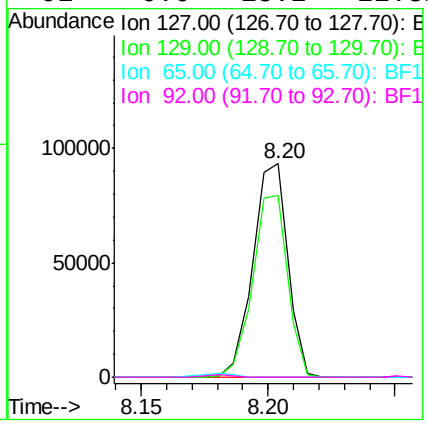


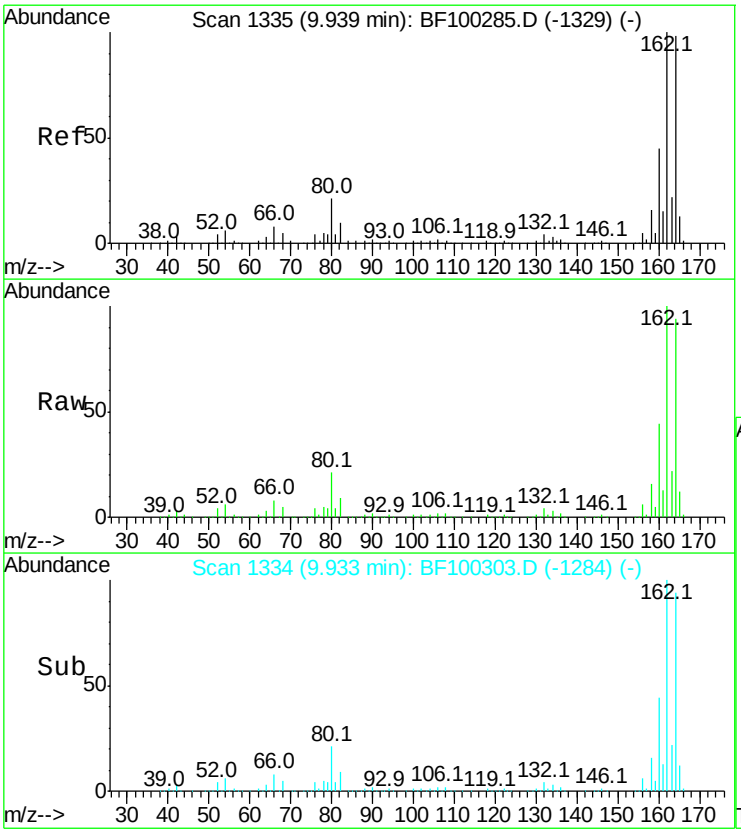


#33
4-Chloroaniline
Concen: 5.407 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion:127 Resp: 90041

Ion	Ratio	Lower	Upper
127	100		
129	85.1	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

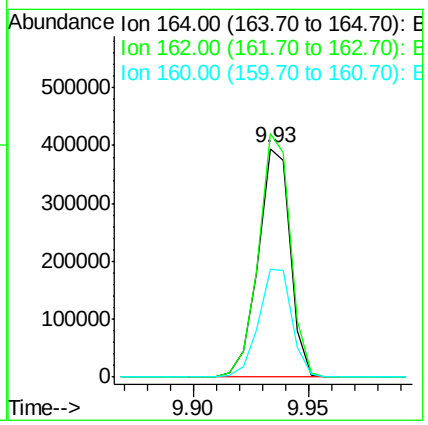


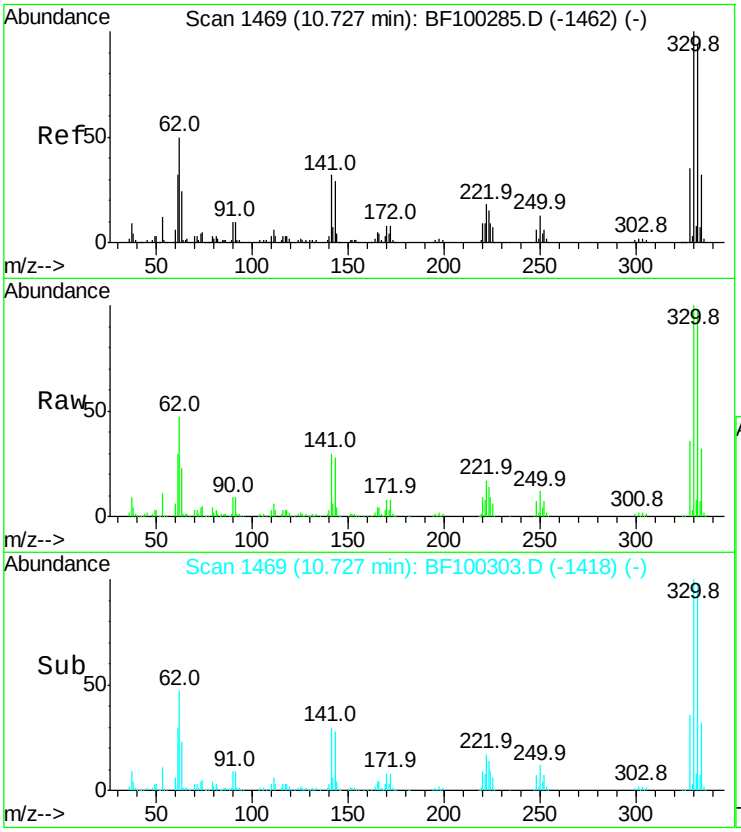


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion:164 Resp: 381474

Ion	Ratio	Lower	Upper
164	100		
162	106.6	86.1	129.1
160	47.1	38.3	57.5

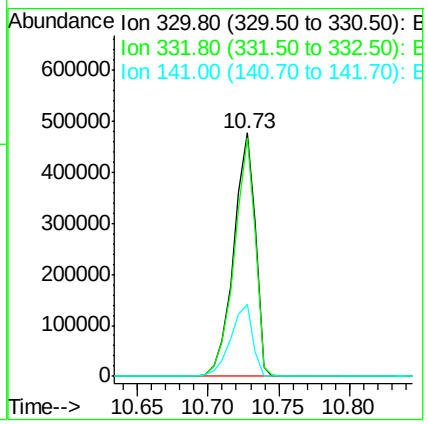


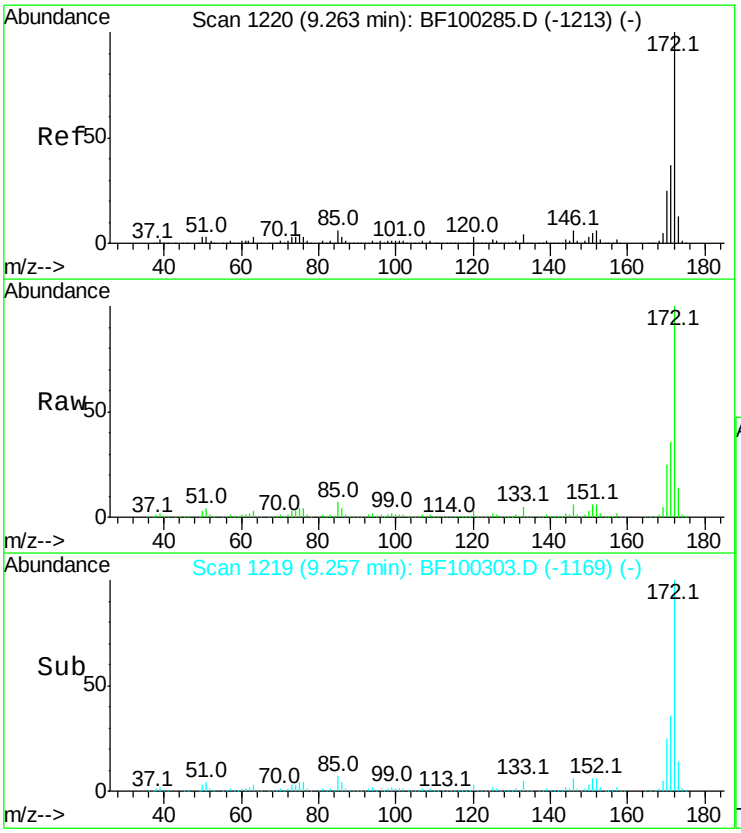


#41
2,4,6-Tribromophenol
Concen: 130.488 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.00 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion:330 Resp: 507236

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	30.2	29.9	44.9

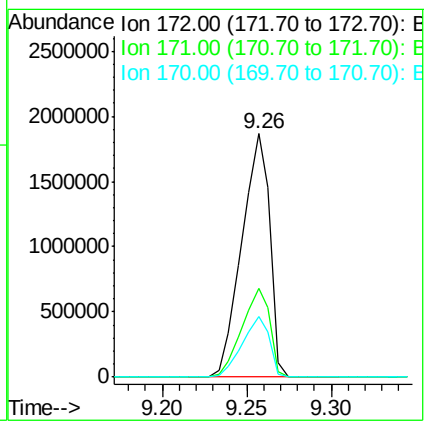


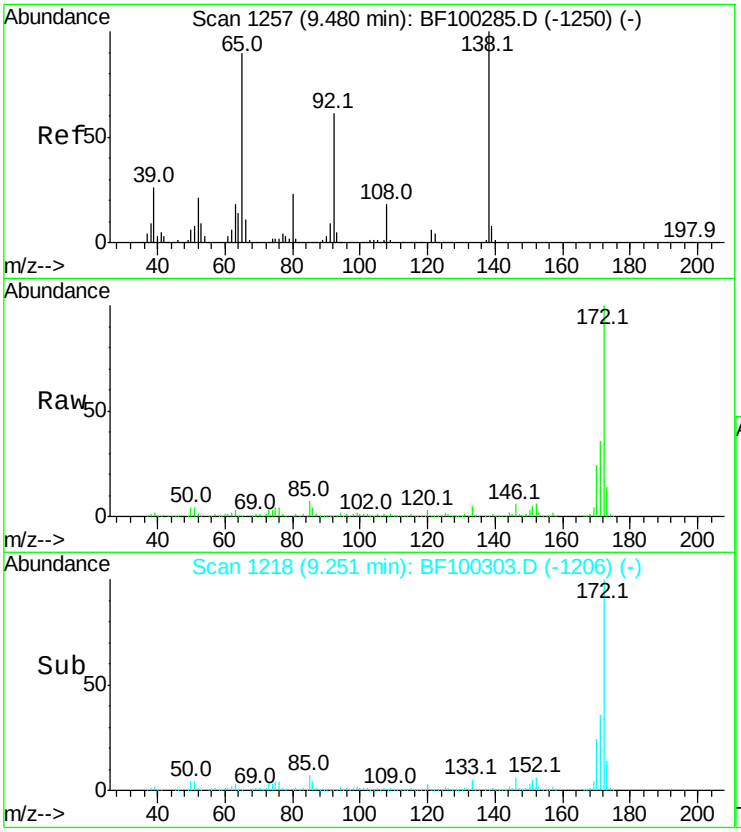


#44
2-Fluorobiphenyl
Concen: 86.132 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion:172 Resp: 2157804

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.9	19.6	29.4

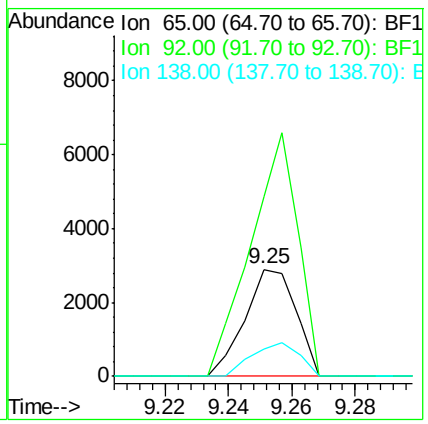


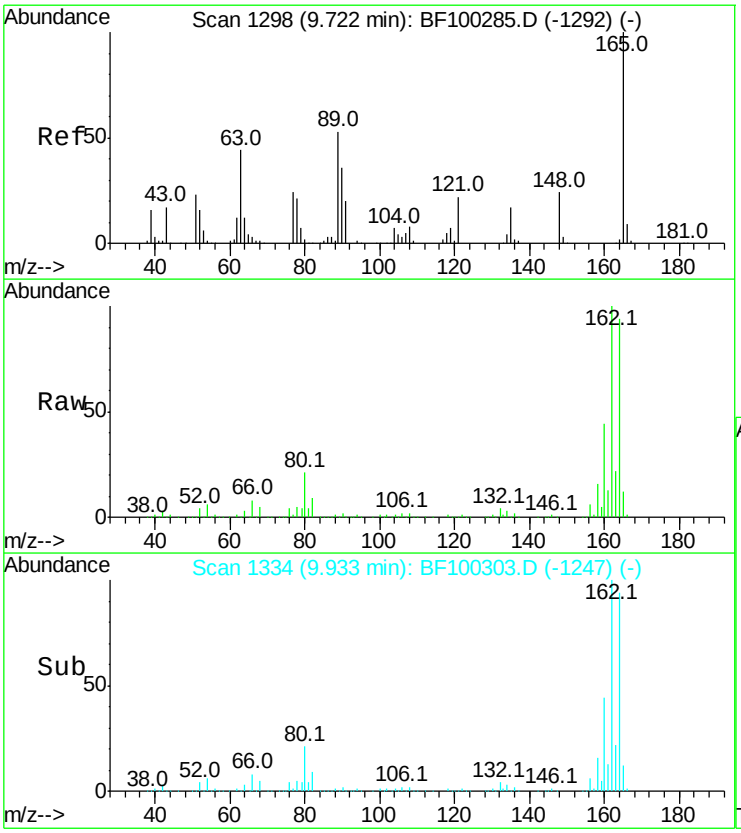


#47
2-Nitroaniline
Concen: 3.214 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.23 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion: 65 Resp: 3232

Ion	Ratio	Lower	Upper
65	100		
92	167.4	55.8	83.6#
138	25.9	91.2	136.8#

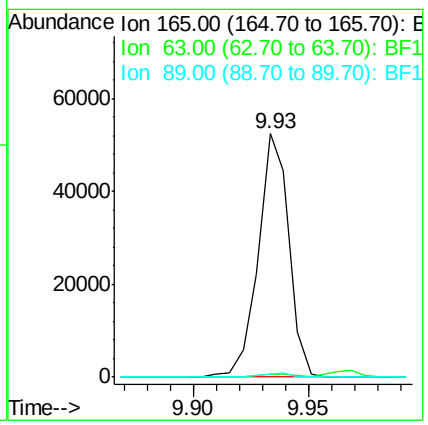


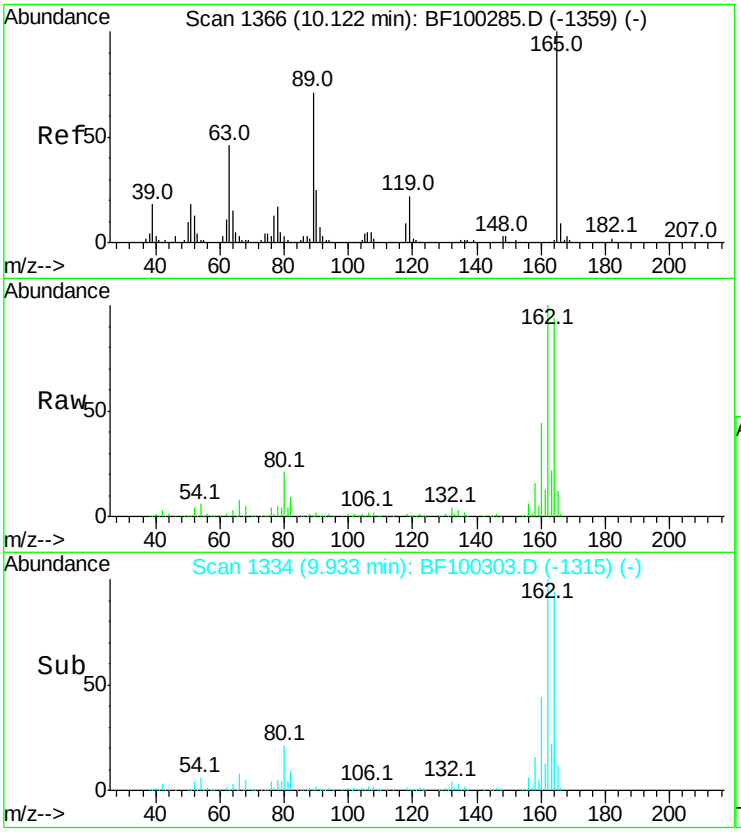


#50
2,6-Dinitrotoluene
Concen: 8.371 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.21 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion:165 Resp: 48259

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.0	44.0	66.0#

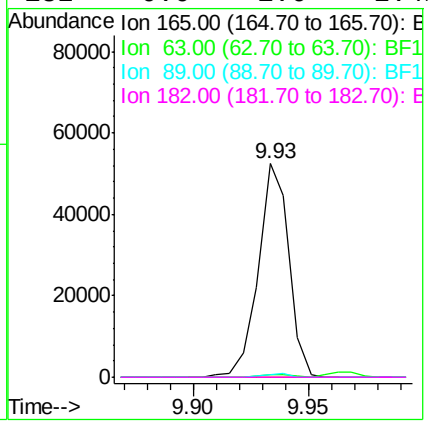


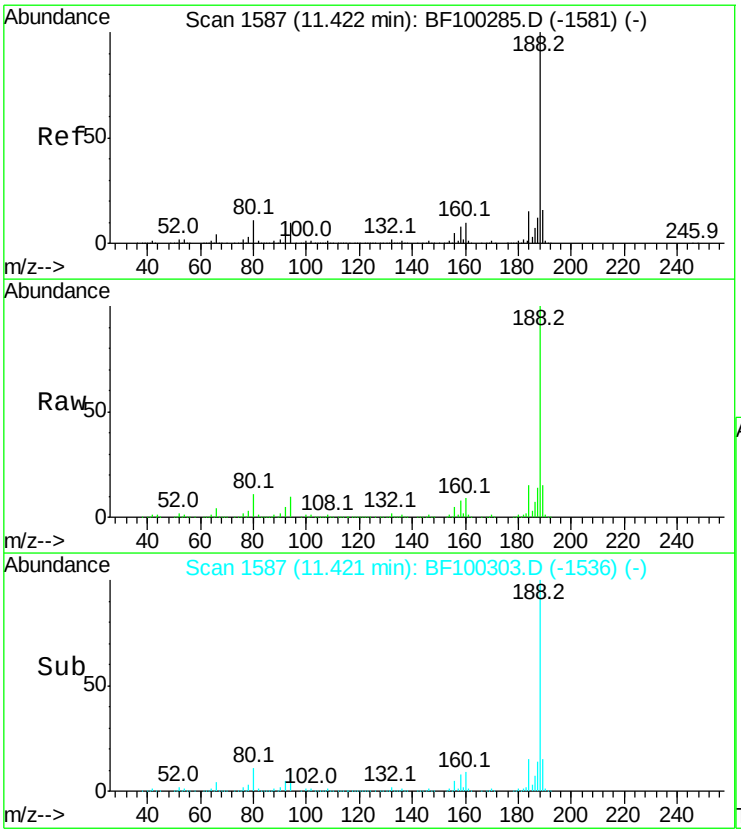


#56
2,4-Dinitrotoluene
Concen: 6.635 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.19 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion:165 Resp: 48259

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#

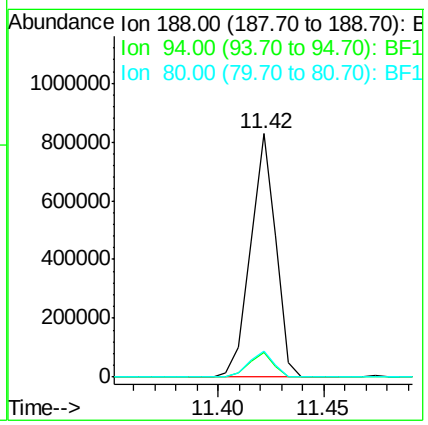


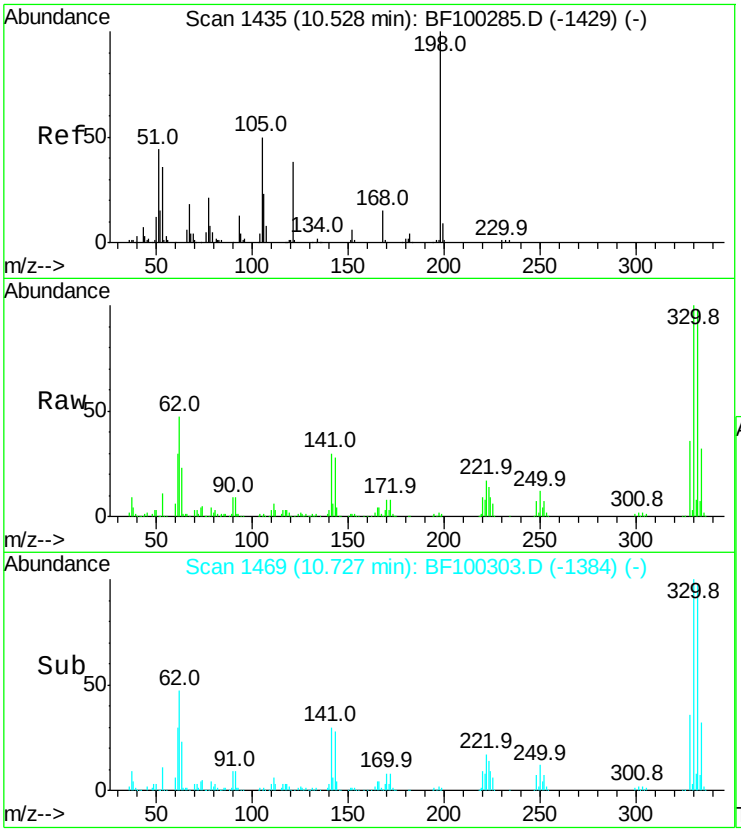


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion:188 Resp: 684768

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.6	9.2	13.8

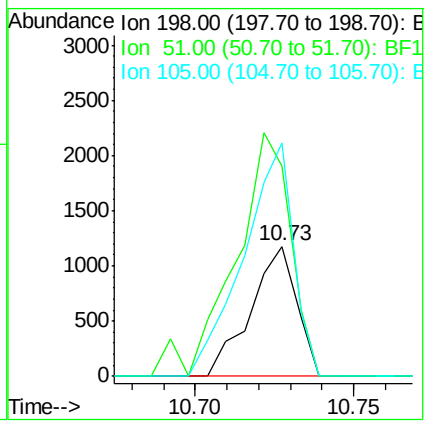


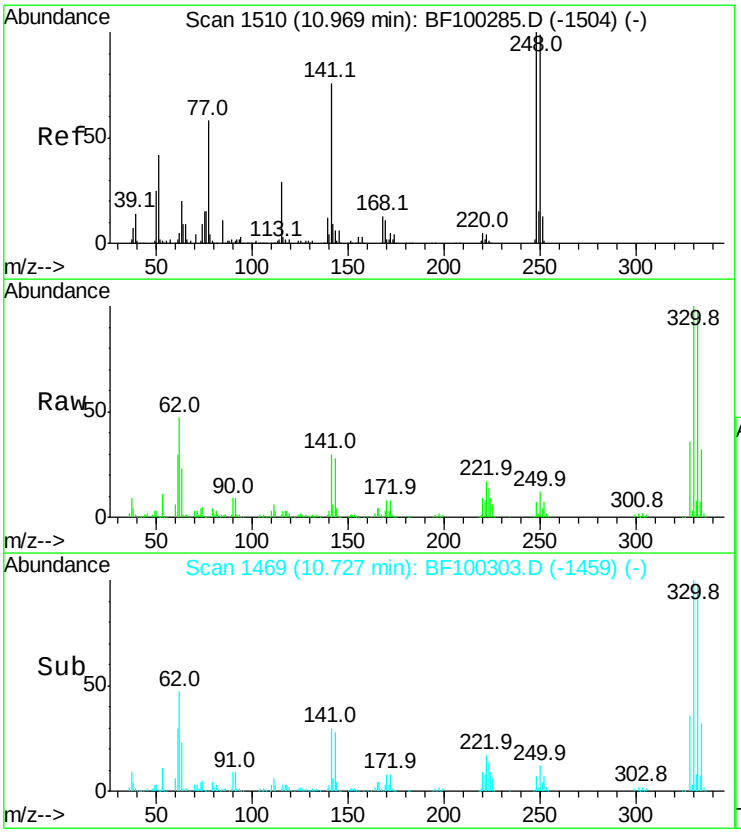


#64
4,6-Dinitro-2-methylphenol
Concen: 8.853 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.20 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion:198 Resp: 1190

Ion	Ratio	Lower	Upper
198	100		
51	162.3	37.7	77.7#
105	180.3	36.3	76.3#

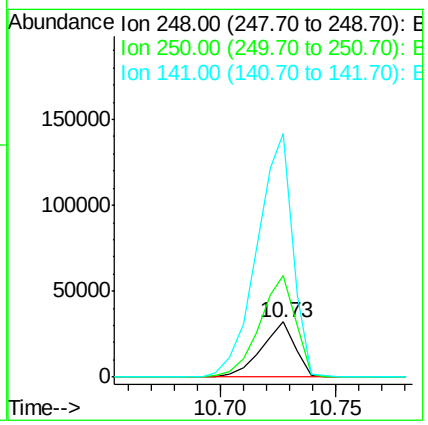


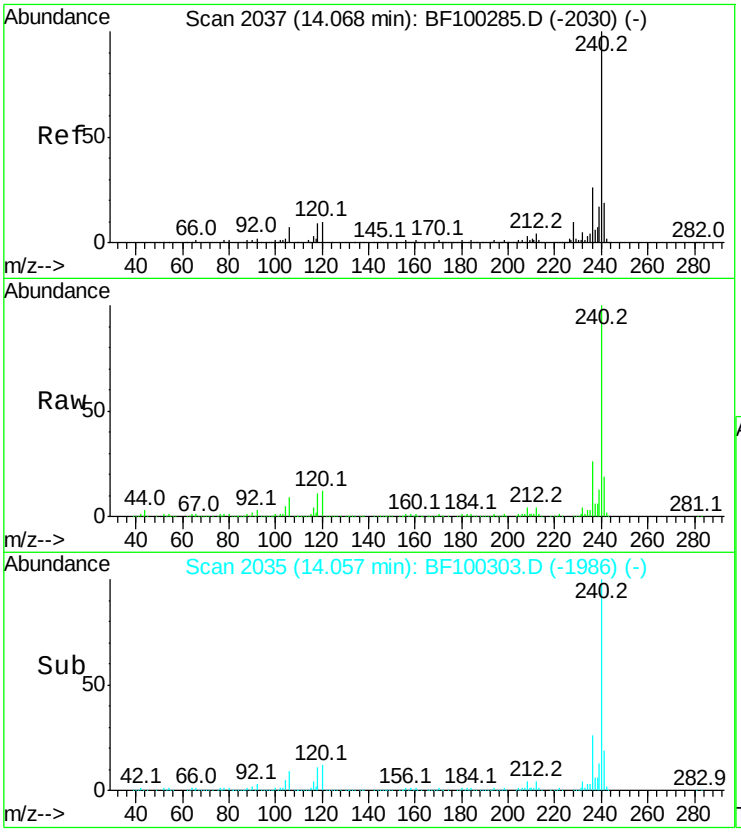


#66
4-Bromophenyl-phenylether
Concen: 4.348 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion:248 Resp: 31917

Ion	Ratio	Lower	Upper
248	100		
250	184.0	76.9	115.3#
141	440.9	74.4	111.6#

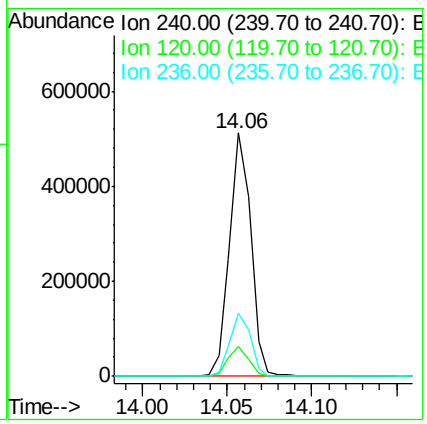


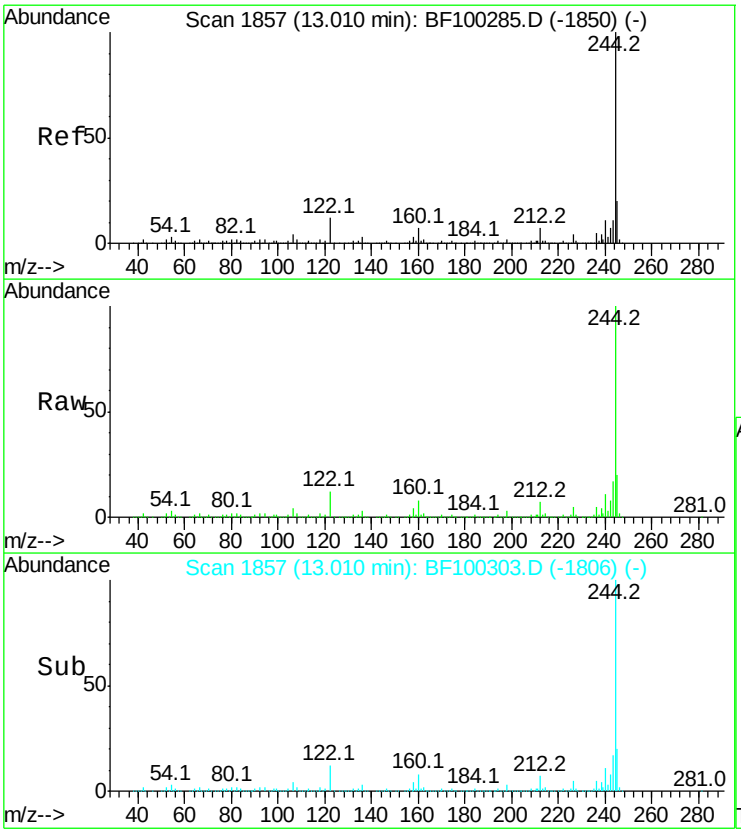


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion:240 Resp: 450457

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	26.1	20.7	31.1

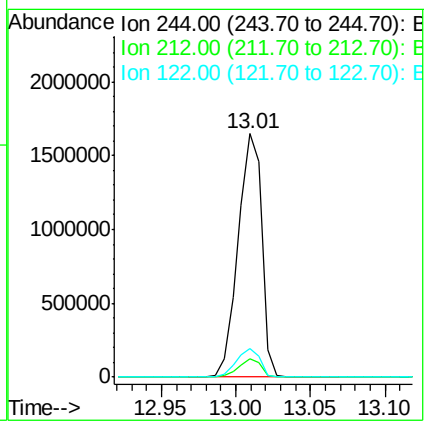


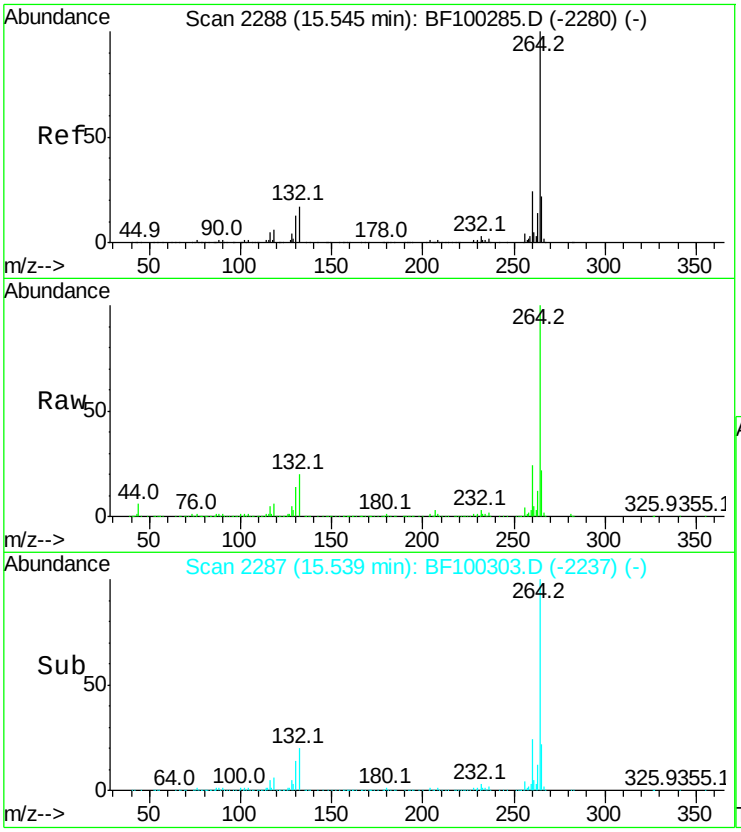


#78
Terphenyl-d14
Concen: 93.023 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion:244 Resp: 1823675

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	11.6	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: BF100303.D
Acq: 8 Nov 2017 20:31

Tgt Ion:264 Resp: 441803

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	17.5	26.3