Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100301.D
Acq On : 8 Nov 2017 19:37
Operator : SJ/JU
Sample : I6300-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 09 00:12:10 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

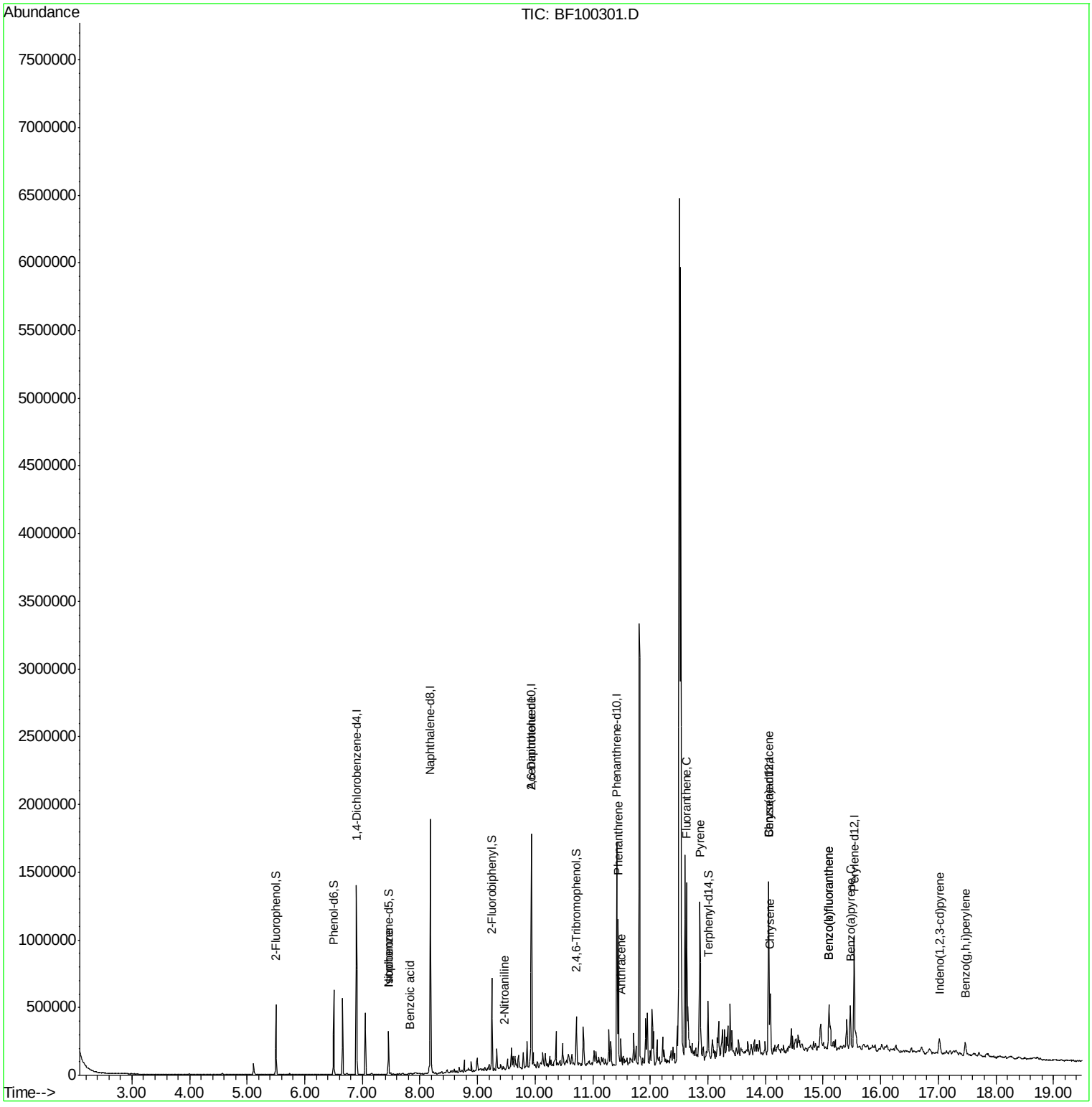
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	190349	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	751286	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	329087	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	554638	20.00	ng		0.00
75) Chrysene-d12	14.06	240	369827	20.00	ng		-0.01
86) Perylene-d12	15.54	264	399796	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	135638	11.42	ng		-0.01
7) Phenol-d6	6.50	99	164608	11.24	ng		-0.02
23) Nitrobenzene-d5	7.45	82	86291	7.59	ng		-0.02
41) 2,4,6-Tribromophenol	10.72	330	32727	9.76	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	180560	8.35	ng		-0.01
78) Terphenyl-d14	13.00	244	117329	7.29	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.45	82	86289	3.613	ng	#	64
32) Benzoic acid	7.83	122	295	9.400	ng		94
47) 2-Nitroaniline	9.47	65	340	2.836	ng	#	2
50) 2,6-Dinitrotoluene	9.93	165	43953	8.837	ng	#	26
70) Phenanthrene	11.45	178	357372	12.238	ng		99
71) Anthracene	11.49	178	73686	2.487	ng		99
74) Fluoranthene	12.63	202	399737	12.916	ng		97
77) Pyrene	12.86	202	452191	17.153	ng		100
80) Benzo(a)anthracene	14.05	228	179647	8.066	ng		93
82) Chrysene	14.09	228	187233	8.682	ng		98
85) Indeno(1,2,3-cd)pyrene	17.02	276	73760	4.228	ng		94
87) Benzo(b)fluoranthene	15.10	252	254519	10.746	ng		99
88) Benzo(k)fluoranthene	15.10	252	254519	11.373	ng		99
89) Benzo(a)pyrene	15.47	252	151454	7.213	ng		97
91) Benzo(g,h,i)perylene	17.47	276	75346	4.482	ng		95

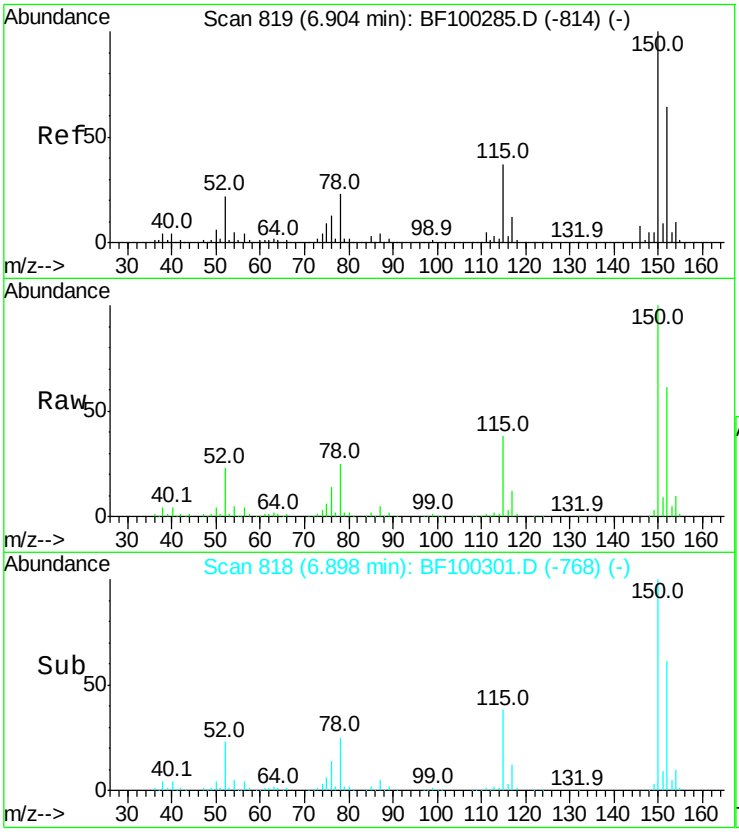
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100301.D
Acq On : 8 Nov 2017 19:37
Operator : SJ/JU
Sample : I6300-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 09 00:12:10 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

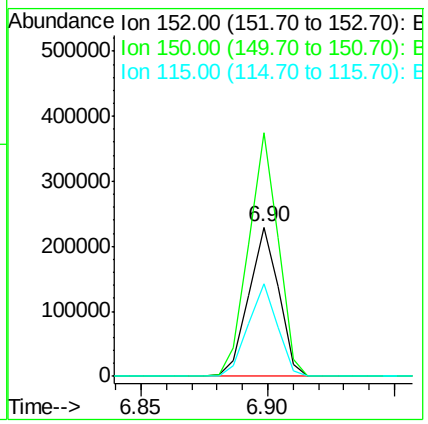


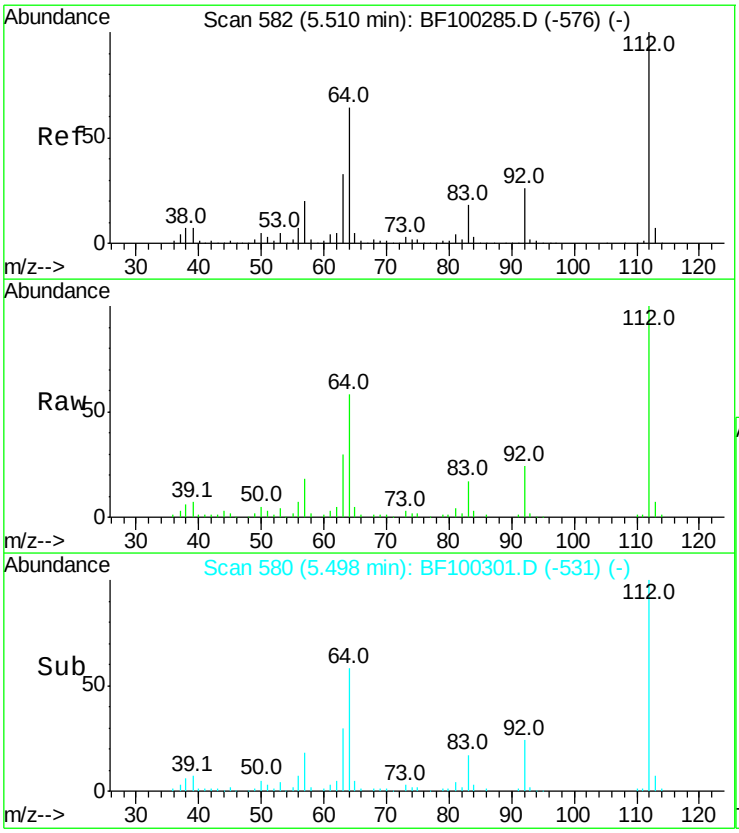


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion:152 Resp: 190349

Ion	Ratio	Lower	Upper
152	100		
150	163.1	124.6	186.8
115	62.1	50.1	75.1

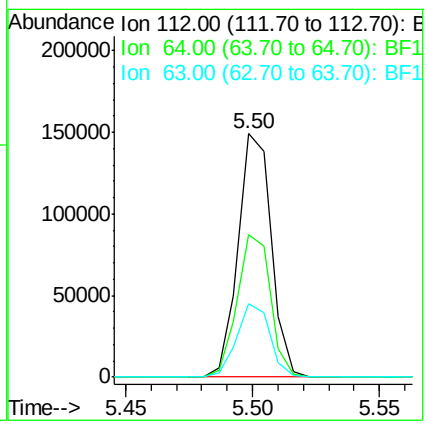


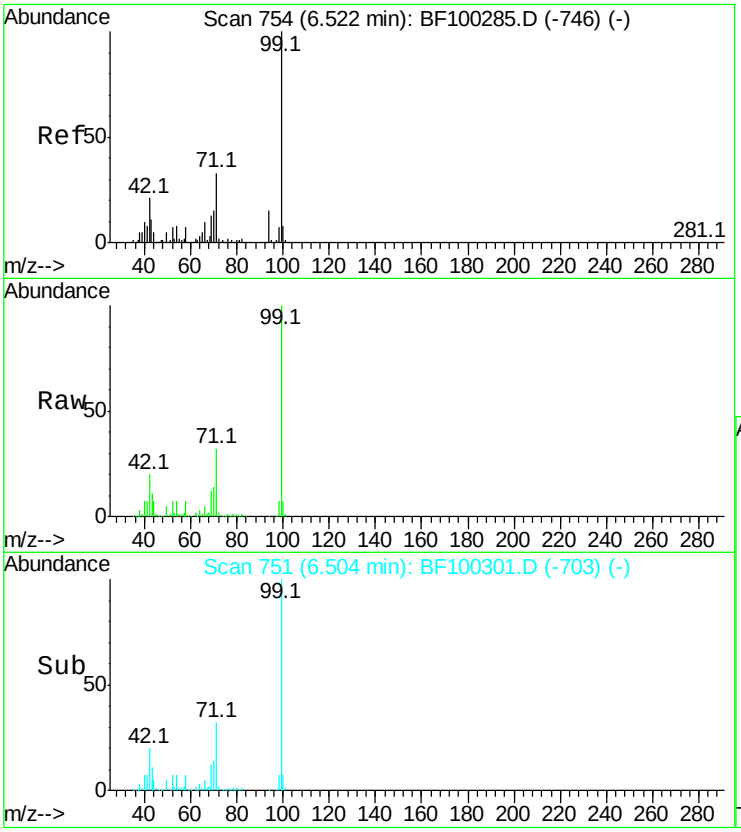


#5
2-Fluorophenol
Concen: 11.422 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion:112 Resp: 135638

Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	30.3	23.7	35.5

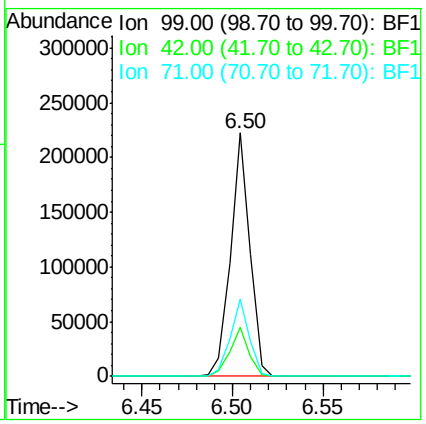


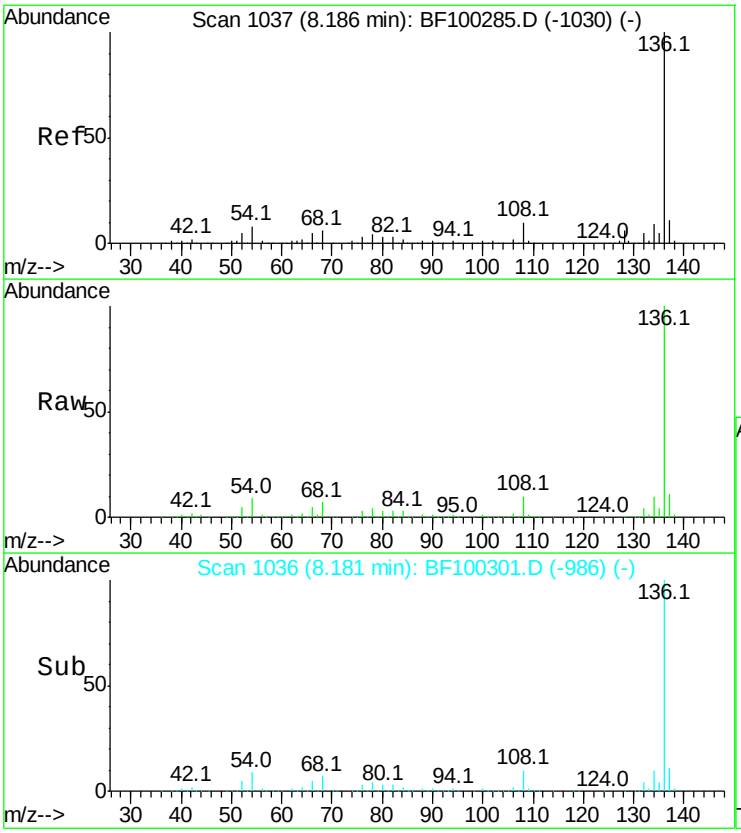


#7
Phenol-d6
Concen: 11.241 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion: 99 Resp: 164608

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	31.7	25.4	38.0

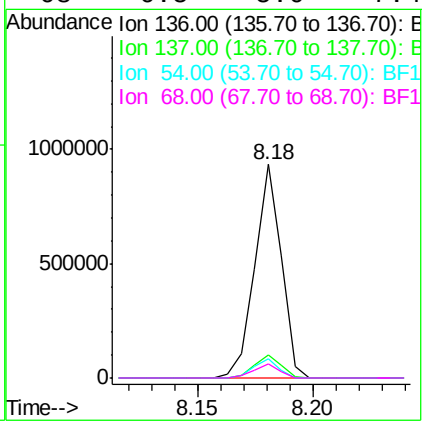


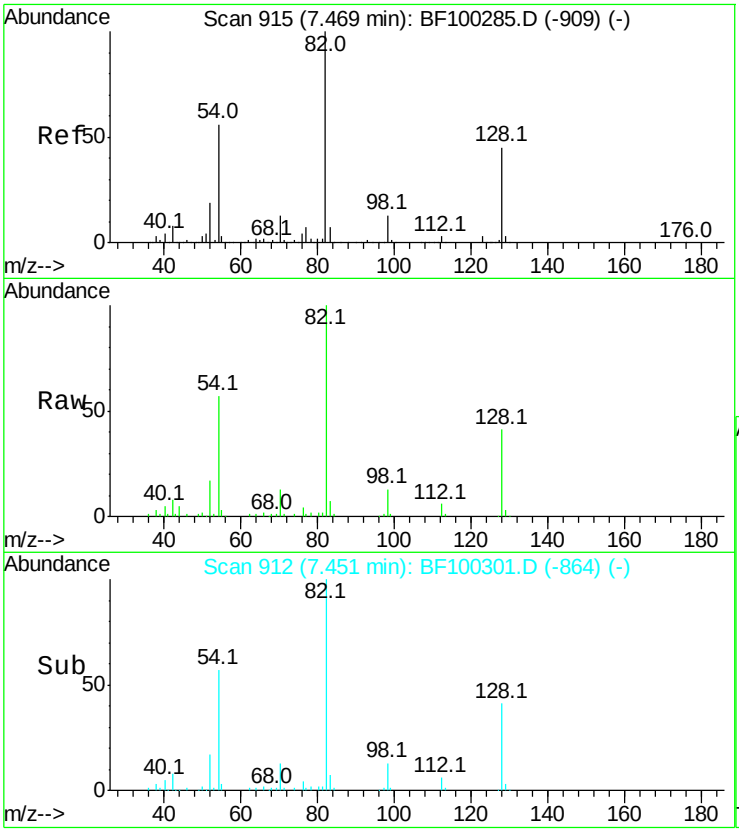


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion:136 Resp: 751286

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.8	6.6	9.8
68	6.5	5.0	7.4

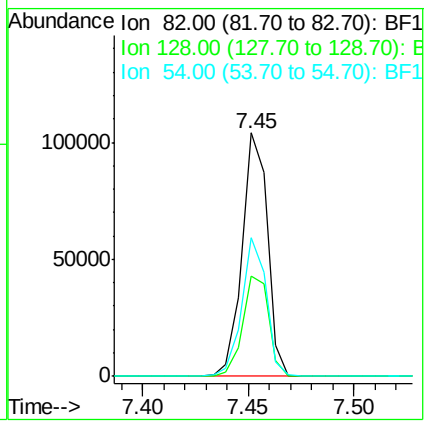


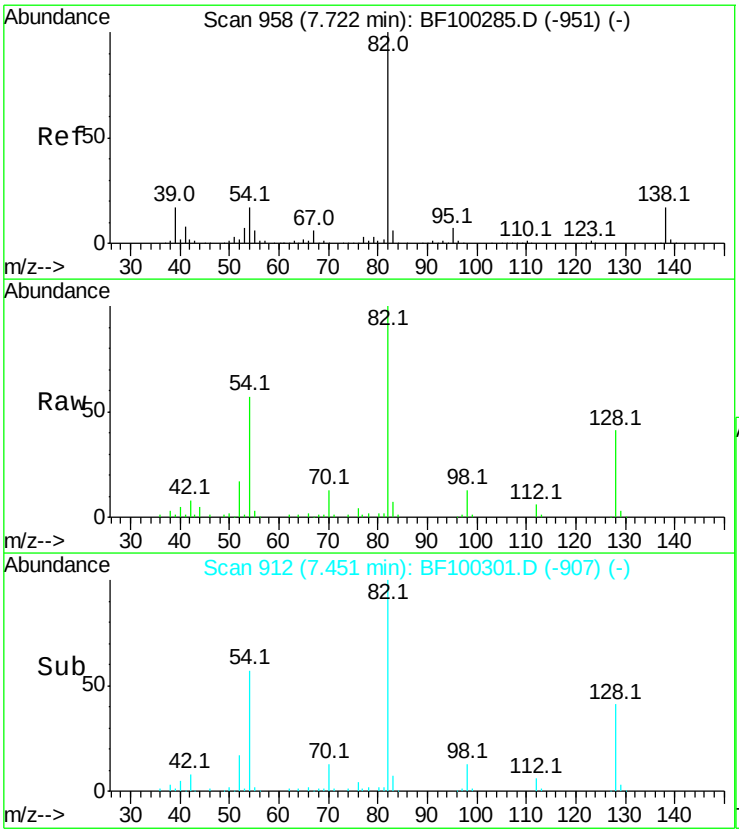


#23
Nitrobenzene-d5
Concen: 7.594 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion: 82 Resp: 86291

Ion	Ratio	Lower	Upper
82	100		
128	41.0	36.1	54.1
54	57.1	41.4	62.2

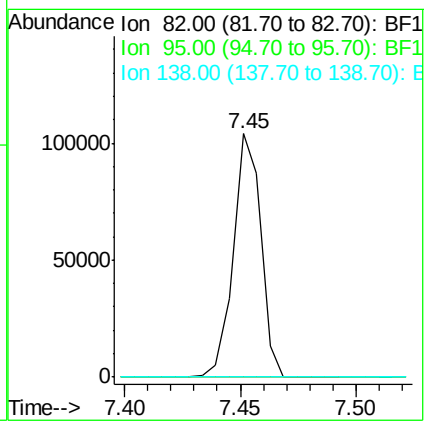


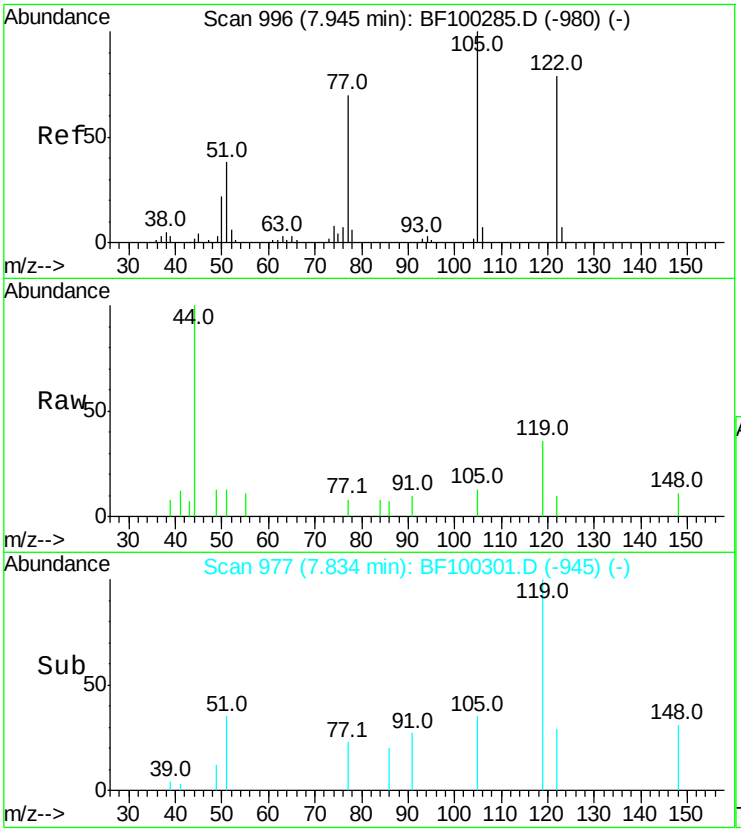


#25
Isophorone
Concen: 3.613 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.27 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion: 82 Resp: 86289

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

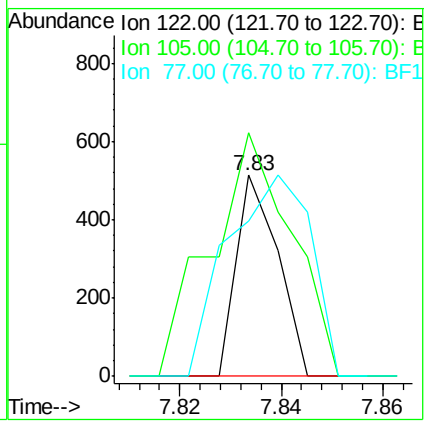


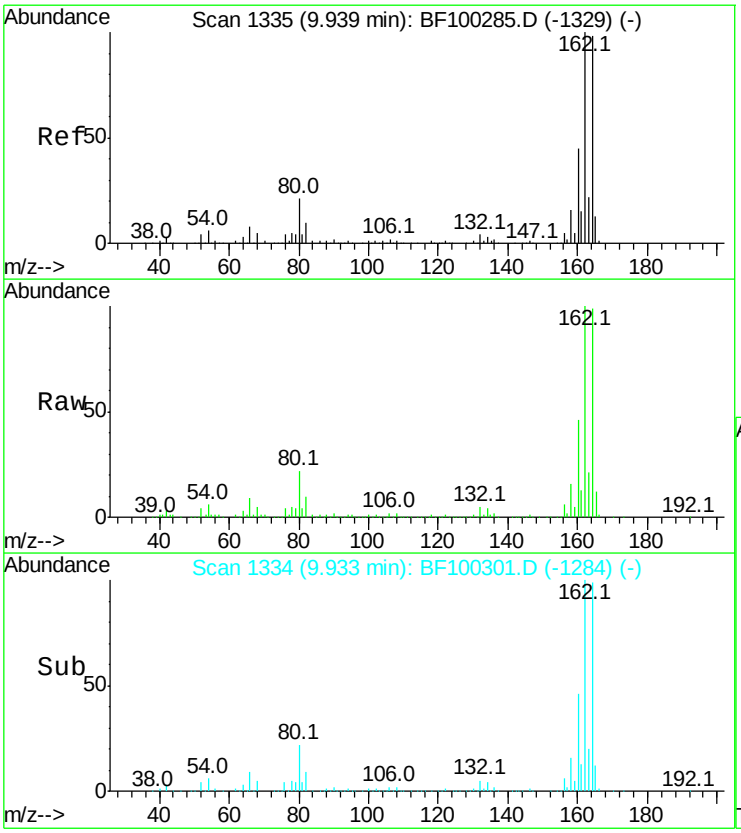


#32
Benzoic acid
Concen: 9.400 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.11 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion:122 Resp: 295

Ion	Ratio	Lower	Upper
122	100		
105	121.2	101.1	141.1
77	77.2	70.7	110.7

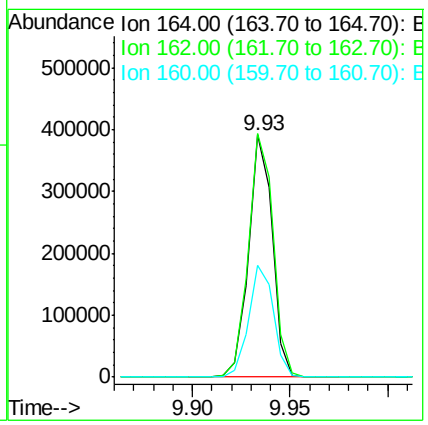


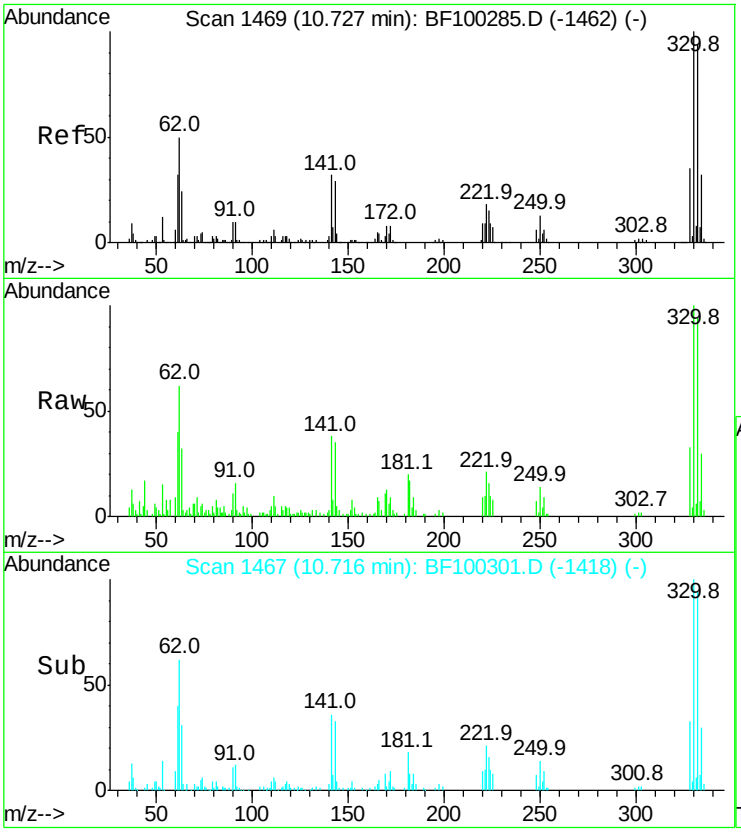


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion:164 Resp: 329087

Ion	Ratio	Lower	Upper
164	100		
162	100.6	86.1	129.1
160	46.4	38.3	57.5

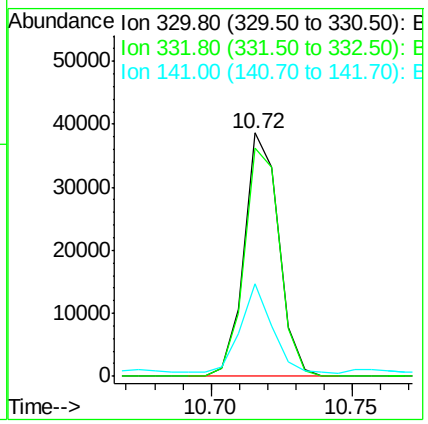


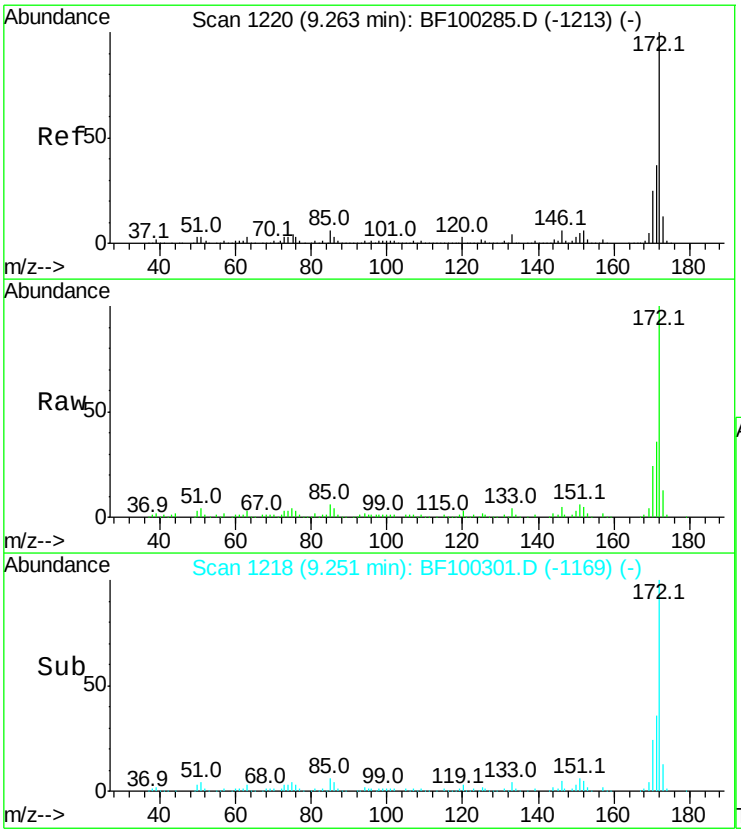


#41
2,4,6-Tribromophenol
Concen: 9.759 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion:330 Resp: 32727

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	33.5	29.9	44.9

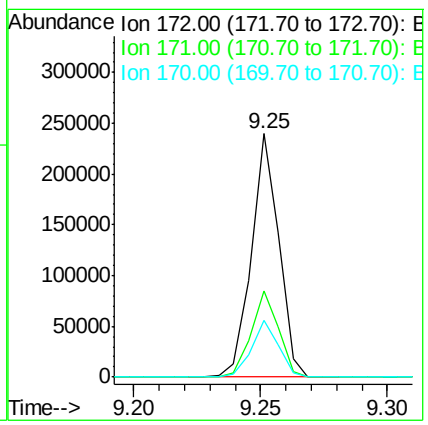


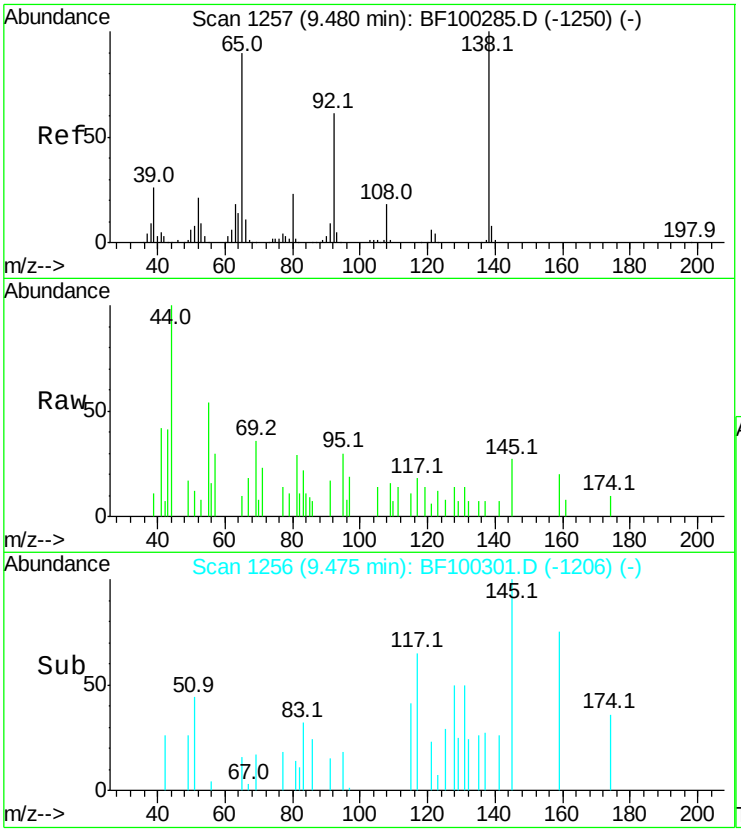


#44
2-Fluorobiphenyl
Concen: 8.355 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion:172 Resp: 180560

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.6	19.6	29.4

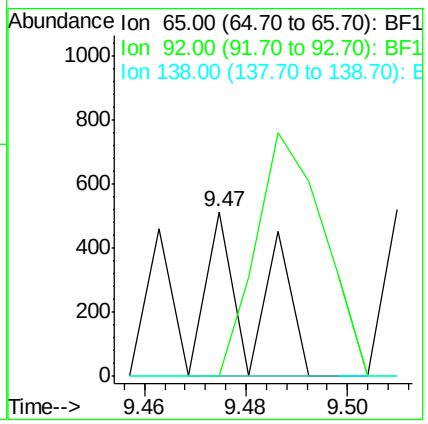


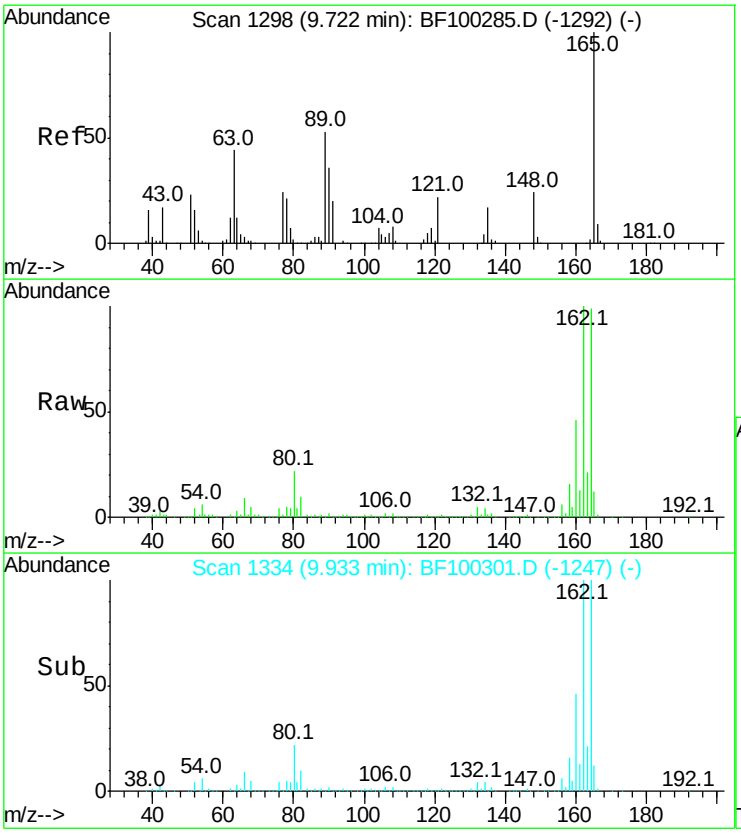


#47
2-Nitroaniline
Concen: 2.836 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion: 65 Resp: 340

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

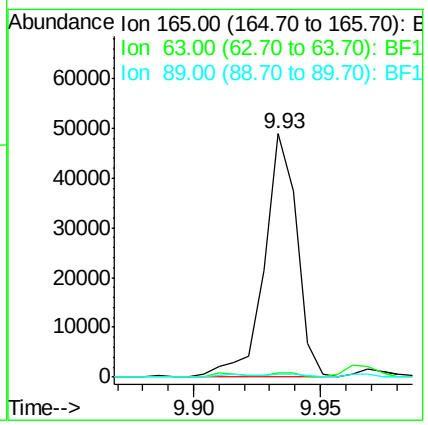


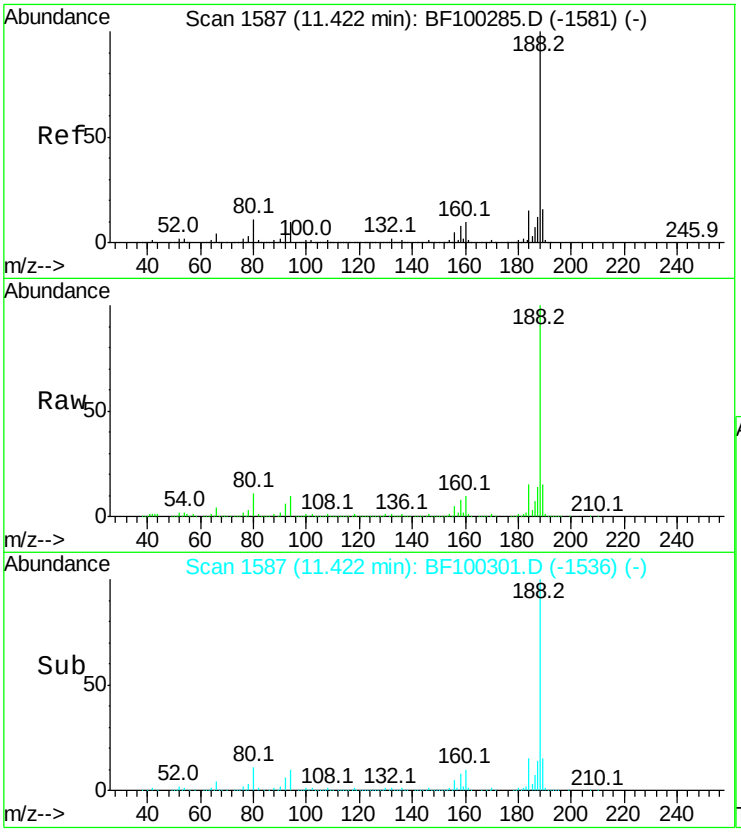


#50
2,6-Dinitrotoluene
Concen: 8.837 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.21 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion:165 Resp: 43953

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.3	44.0	66.0#

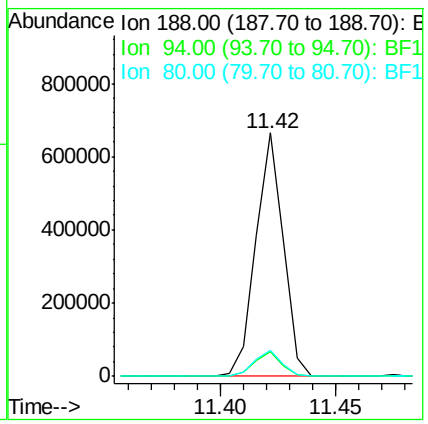


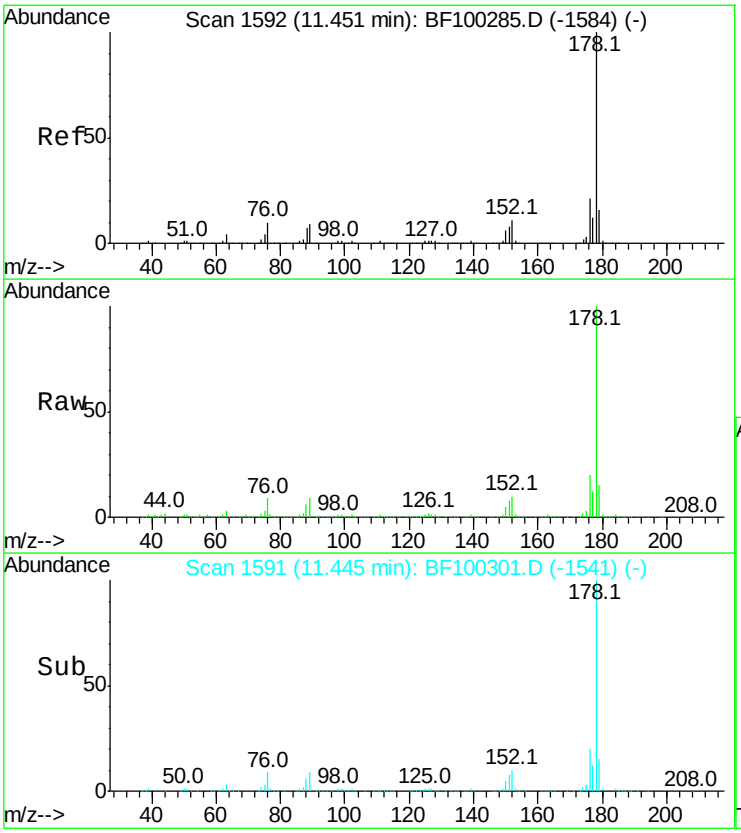


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion:188 Resp: 554638

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.7	9.2	13.8

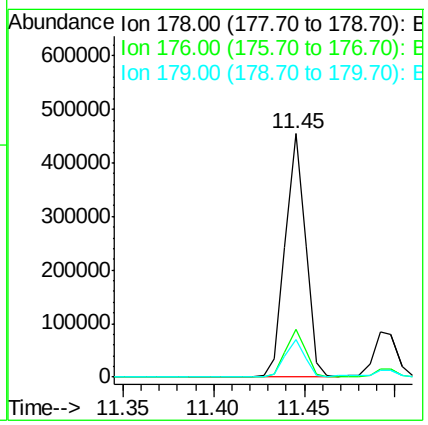


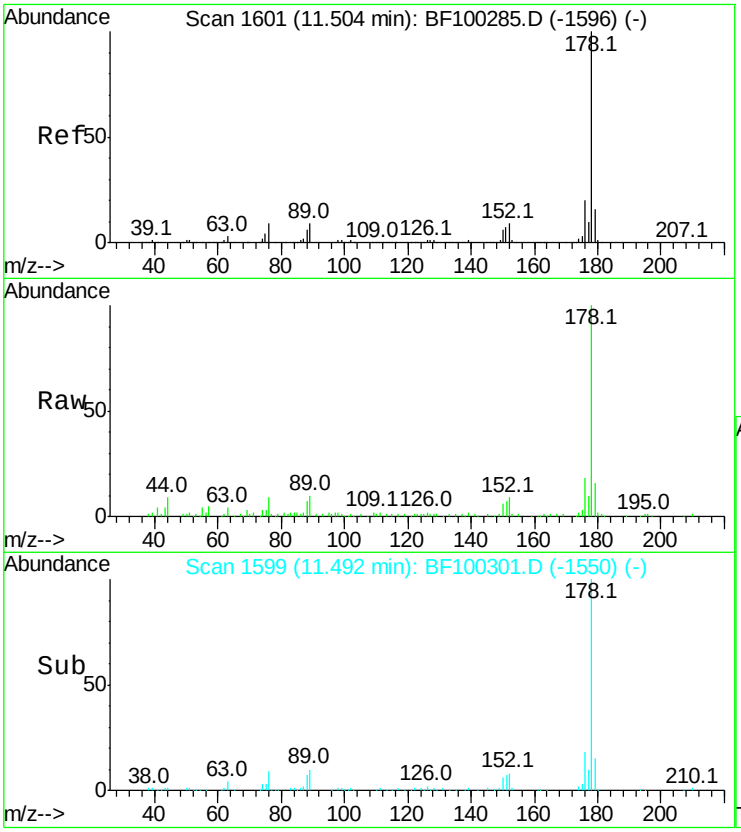


#70
Phenanthrene
Concen: 12.238 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion:178 Resp: 357372

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.2	13.0	19.6

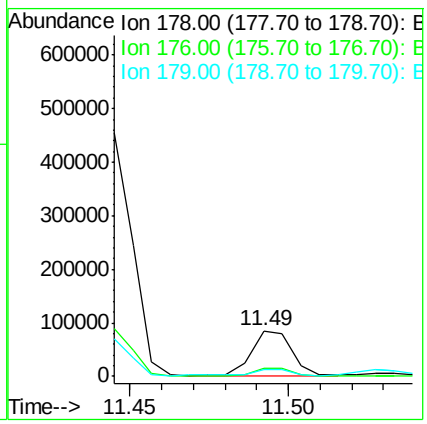


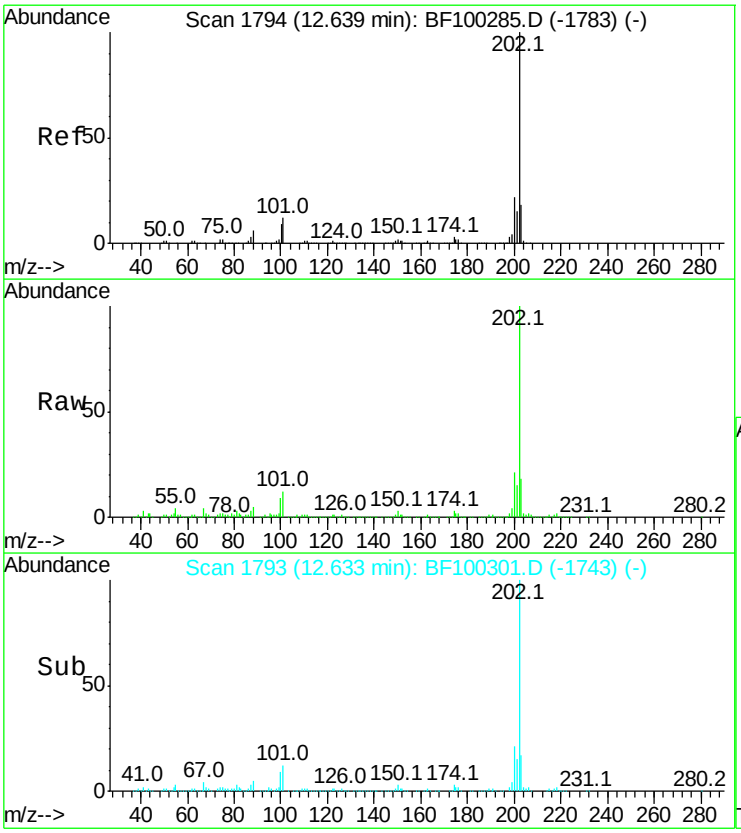


#71
Anthracene
Concen: 2.487 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion:178 Resp: 73686

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.7	12.6	19.0

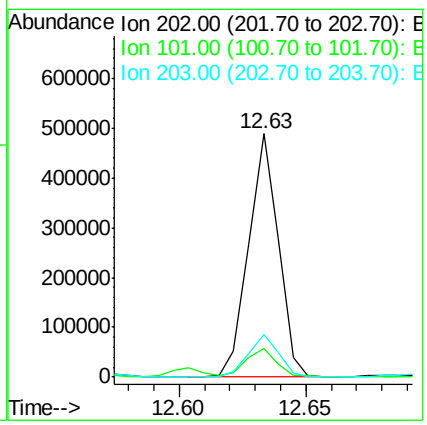


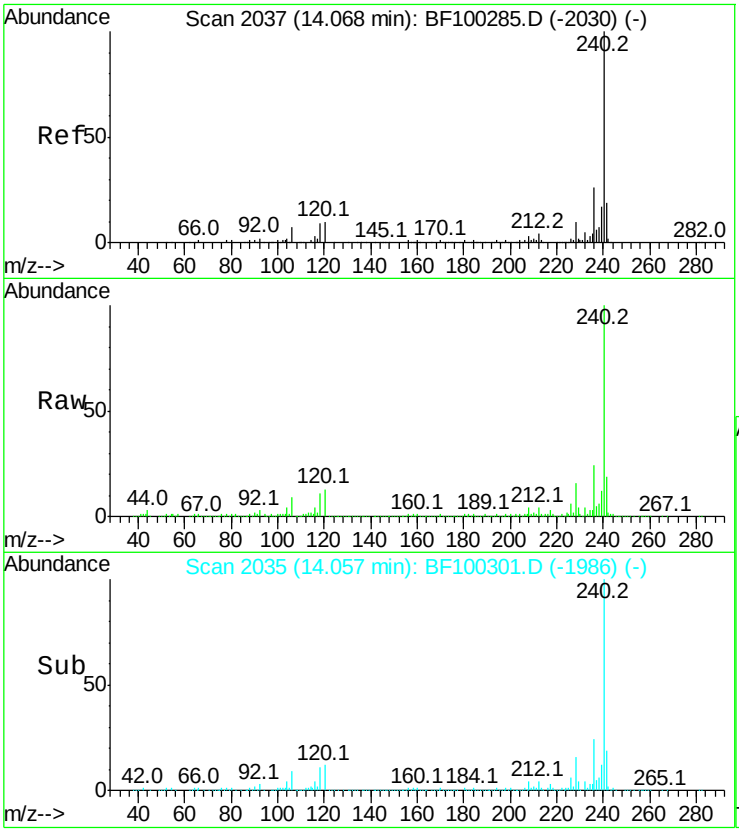


#74
Fluoranthene
Concen: 12.916 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion:202 Resp: 399737

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	17.6	0.0	38.1

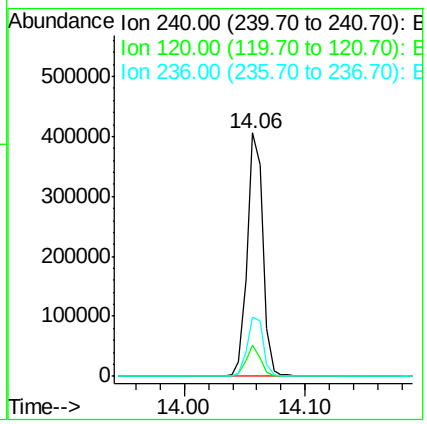


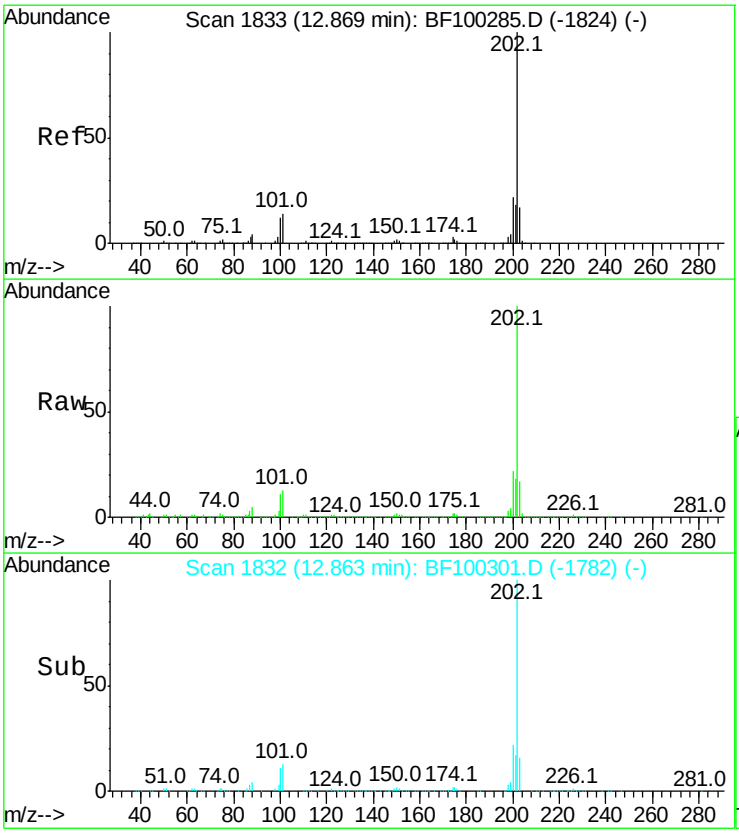


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion:240 Resp: 369827

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	24.3	20.7	31.1

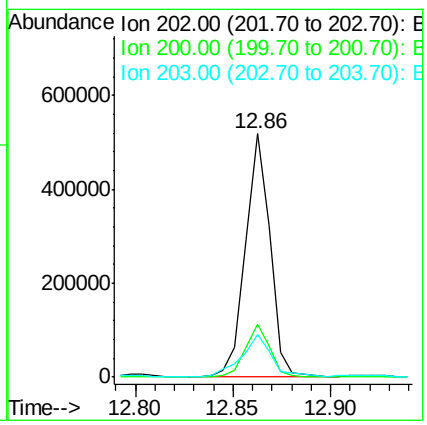


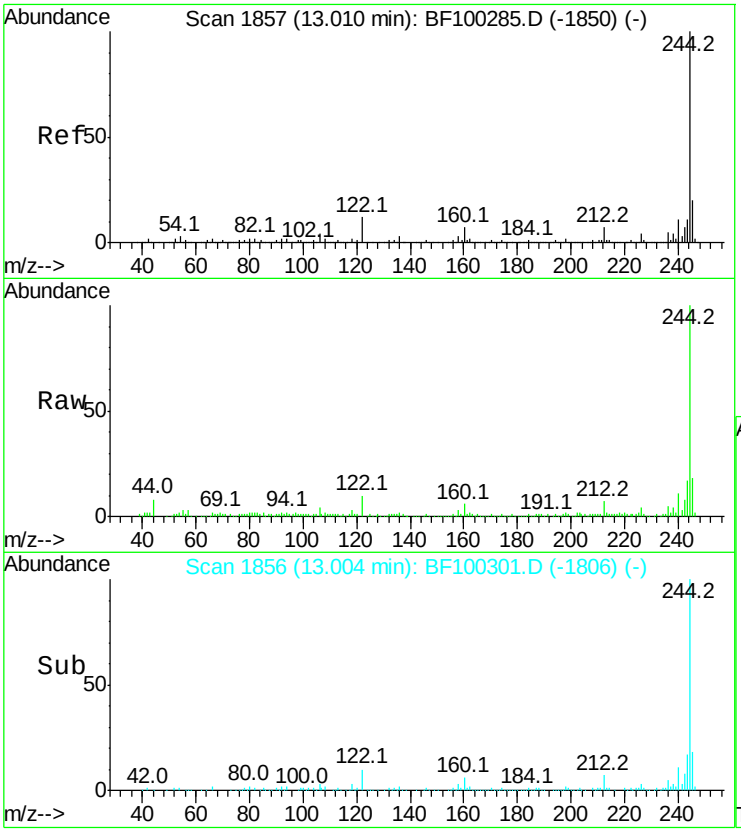


#77
Pyrene
Concen: 17.153 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion:202 Resp: 452191

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.5	14.3	21.5

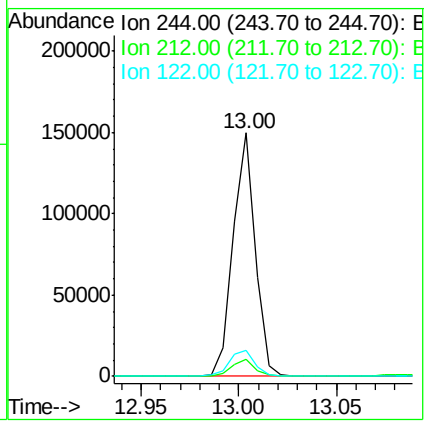


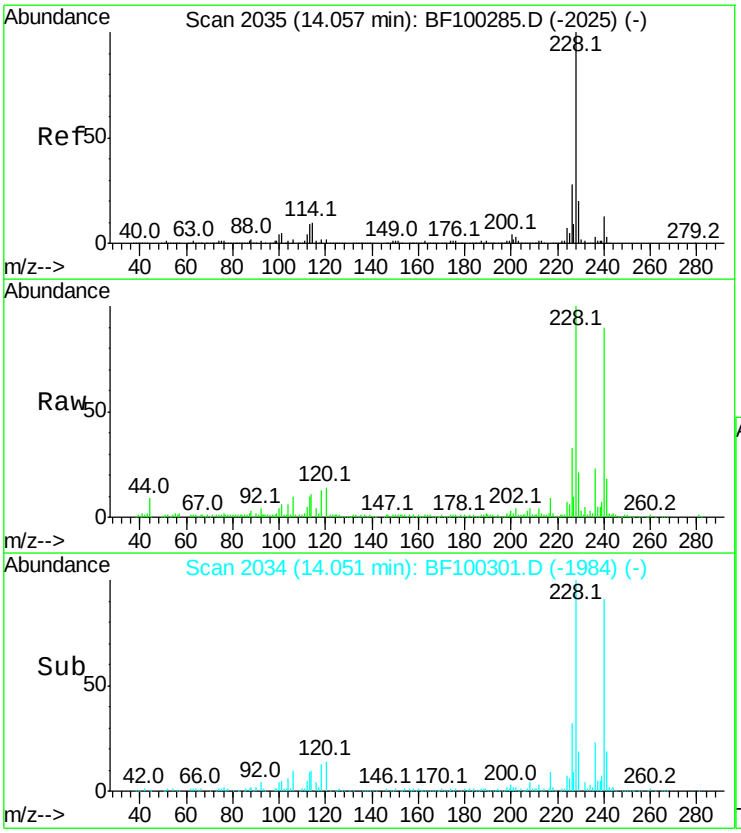


#78
Terphenyl-d14
Concen: 7.290 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion:244 Resp: 117329

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.5	11.0	16.4#

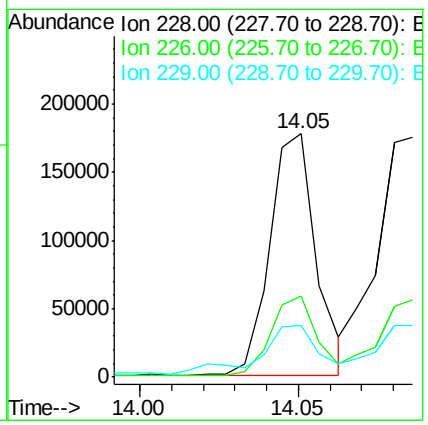


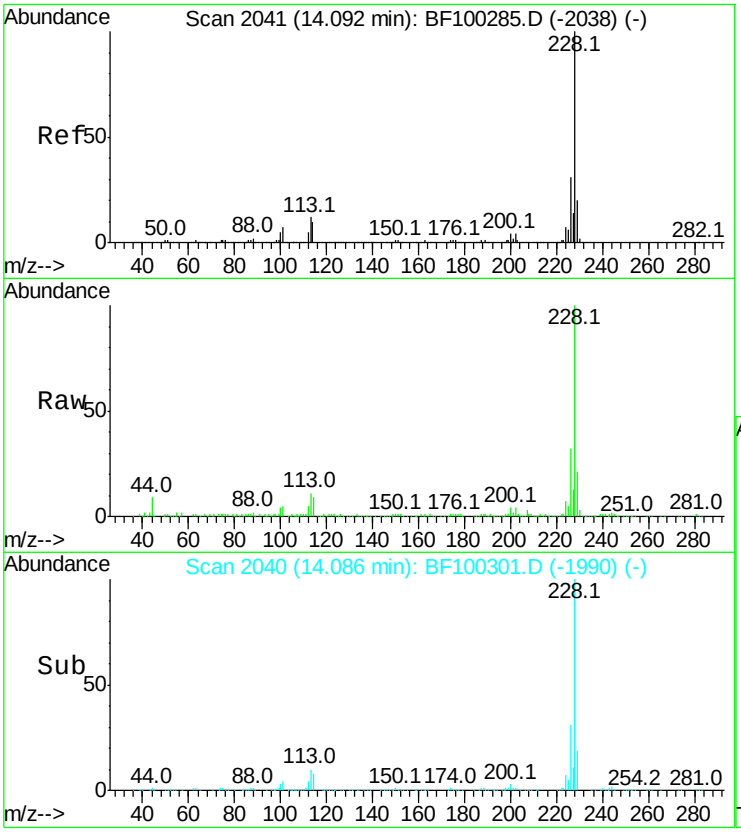


#80
Benzo(a)anthracene
Concen: 8.066 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion:228 Resp: 179647

Ion	Ratio	Lower	Upper
228	100		
226	33.3	22.6	33.8
229	21.0	15.8	23.6

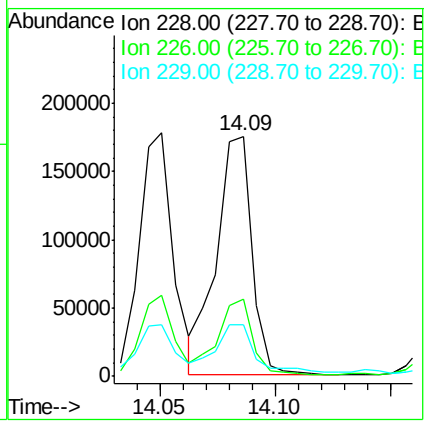


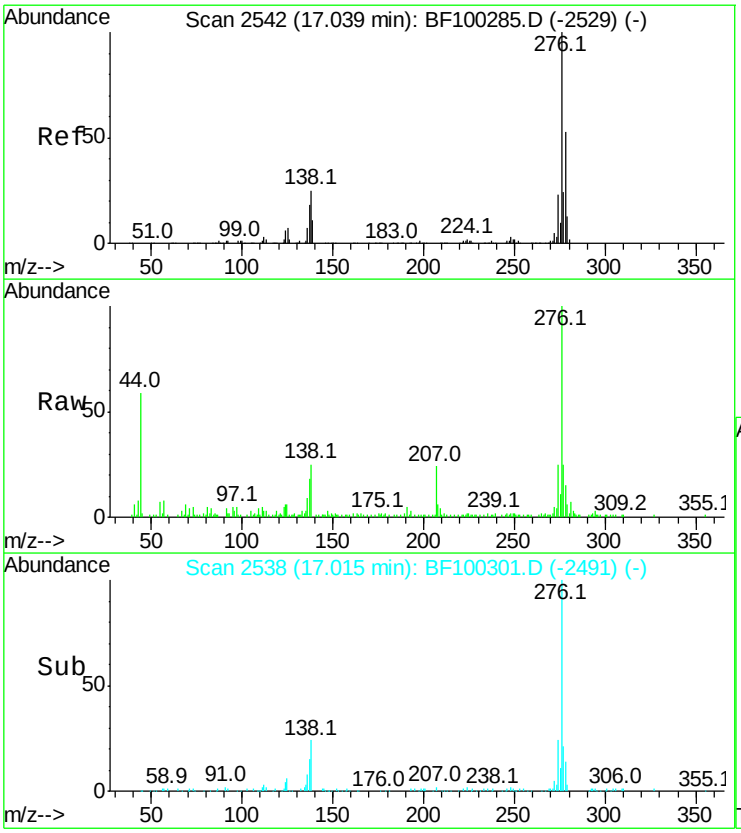


#82
Chrysene
Concen: 8.682 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion:228 Resp: 187233

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.6
229	21.4	16.2	24.4

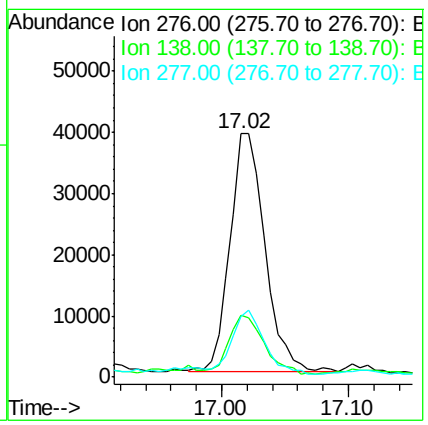


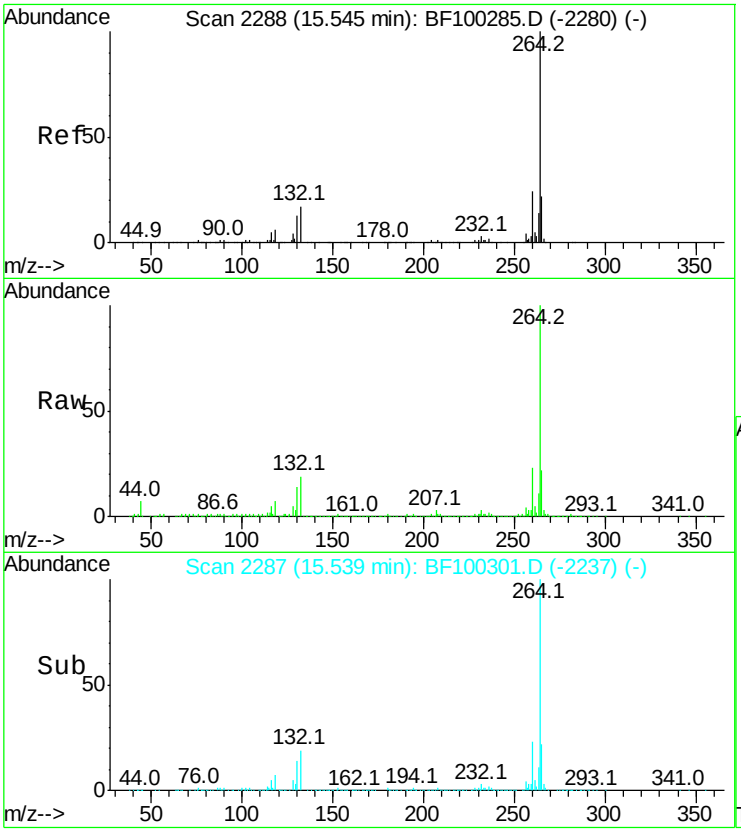


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.228 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion:276 Resp: 73760

Ion	Ratio	Lower	Upper
276	100		
138	25.7	25.0	37.6
277	25.6	20.1	30.1

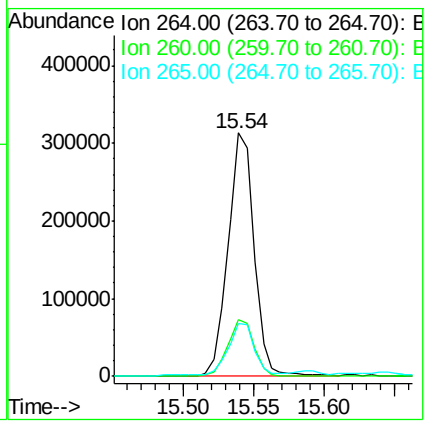


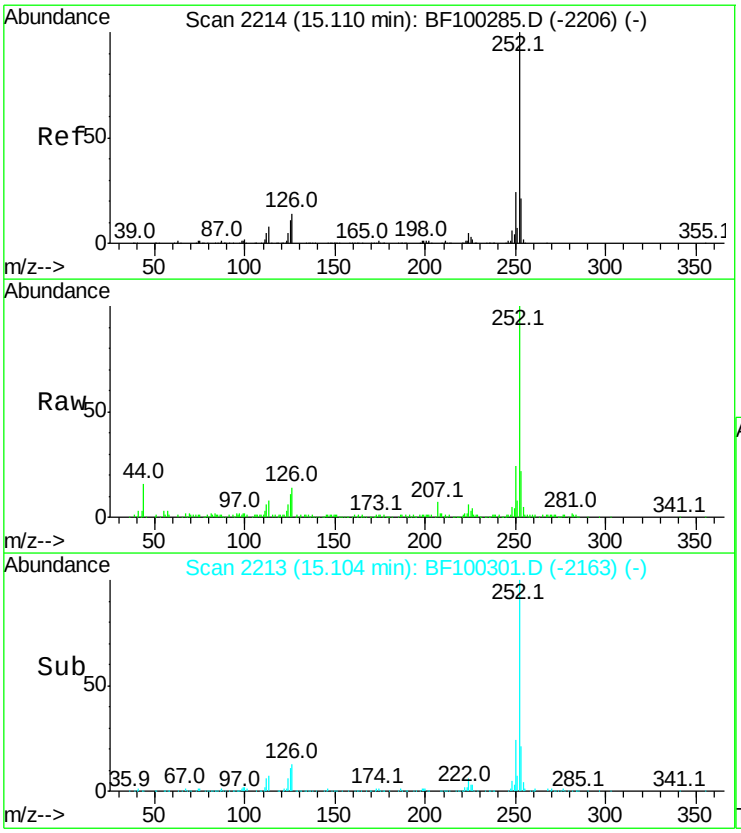


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion:264 Resp: 399796

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.7	17.5	26.3

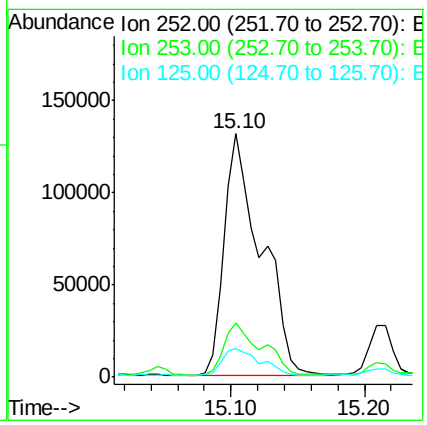


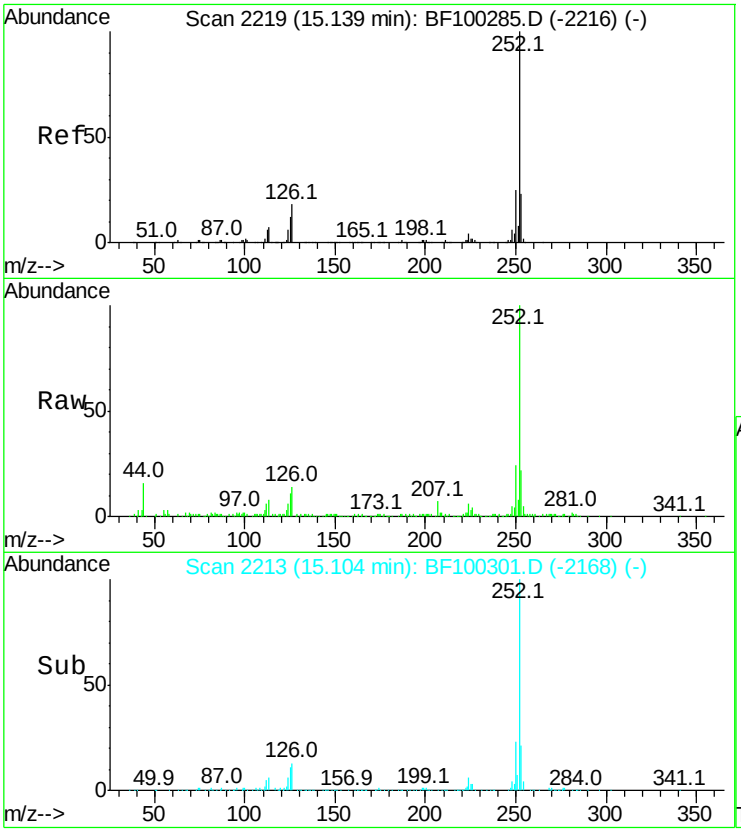


#87
Benzo(b)fluoranthene
Concen: 10.746 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion:252 Resp: 254519

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	11.5	9.0	13.6

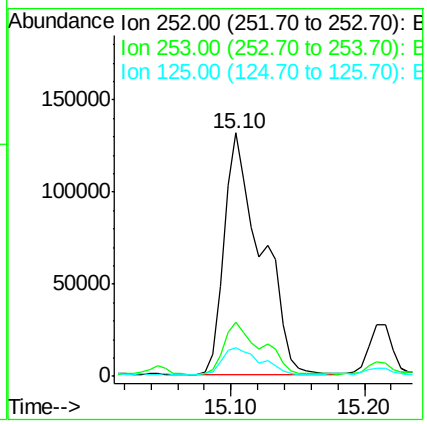


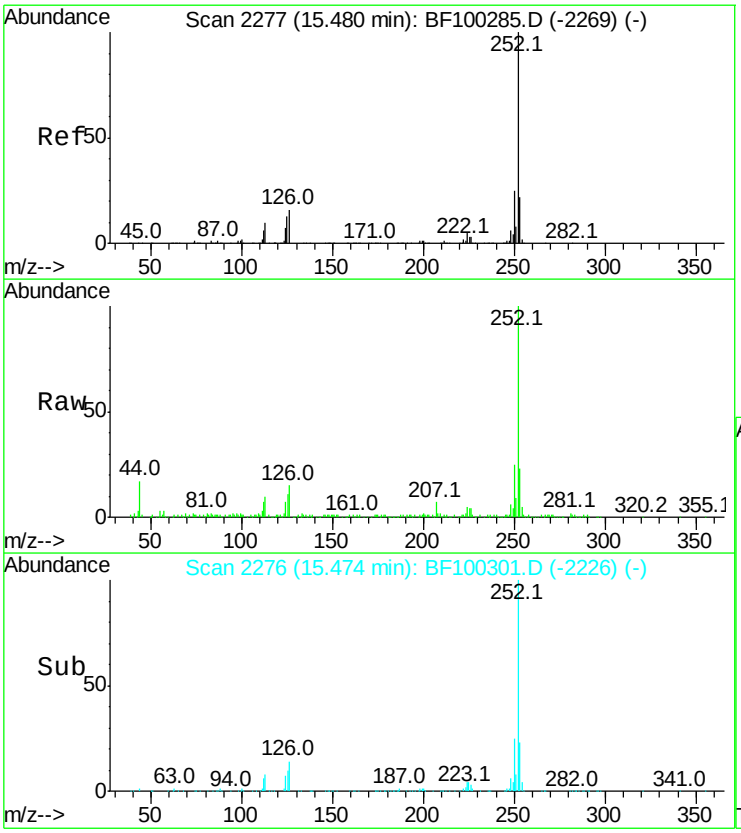


#88
Benzo(k)fluoranthene
Concen: 11.373 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.04 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion:252 Resp: 254519

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	11.5	10.2	15.2

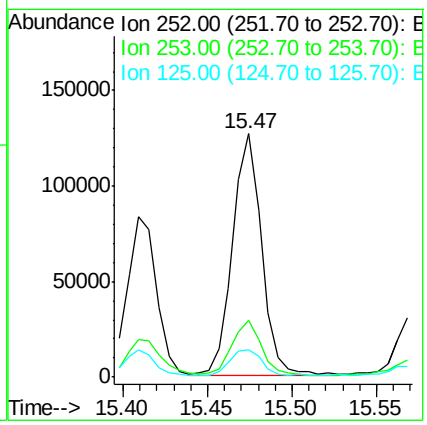


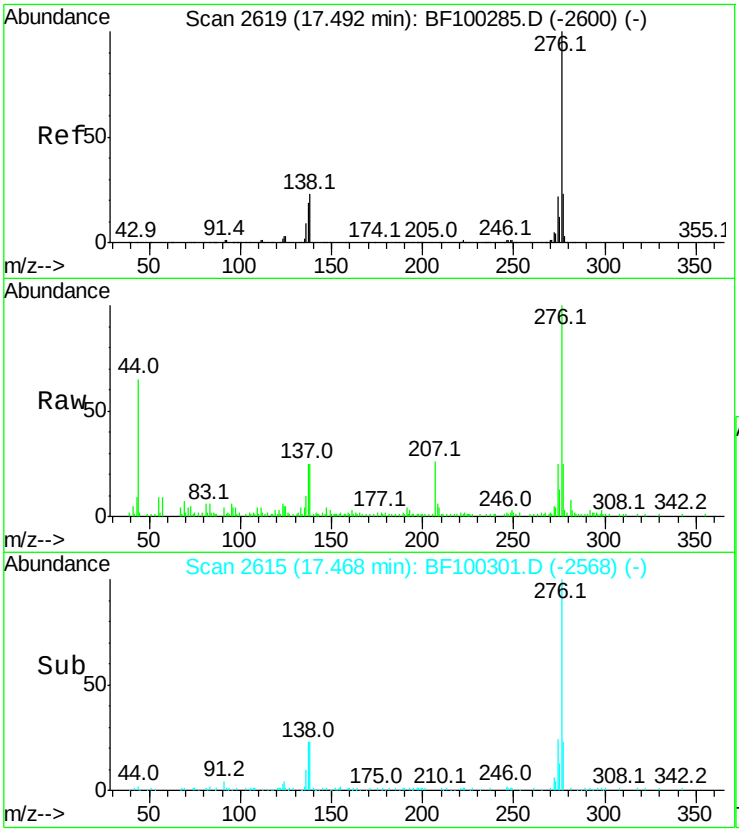


#89
Benzo(a)pyrene
Concen: 7.213 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion:252 Resp: 151454

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	11.4	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.482 ng
RT: 17.47 min Scan# 2615
Delta R.T. -0.02 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion:276 Resp: 75346

Ion	Ratio	Lower	Upper
276	100		
277	24.7	17.9	26.9
138	24.9	21.8	32.8