Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100801.D
Acq On : 22 Nov 2017 1:33
Operator : SJ/JU
Sample : I6466-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 22 04:26:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	89195	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	350949	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	157938	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	253403	20.00	ng		0.00
75) Chrysene-d12	14.03	240	187801	20.00	ng		-0.01
86) Perylene-d12	15.51	264	171056	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	530371	95.32	ng		0.00
7) Phenol-d6	6.50	99	656670	95.70	ng		0.00
23) Nitrobenzene-d5	7.43	82	402953	75.91	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	146166	90.82	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	750610	72.37	ng		-0.01
78) Terphenyl-d14	12.98	244	492934	60.31	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.51	94	34600	4.80	ng		81
19) n-Nitroso-di-n-propylamine	7.43	70	51332	10.79	ng	#	81
25) Isophorone	7.43	82	402949	36.12	ng	#	64
47) 2-Nitroaniline	9.37	65	126	2.82	ng	#	2
49) Dimethylphthalate	9.62	163	25659	2.13	ng	#	98
50) 2,6-Dinitrotoluene	9.91	165	19221	8.05	ng	#	25
56) 2,4-Dinitrotoluene	9.91	165	19221	6.38	ng	#	22
62) Azobenzene	10.62	77	56094	4.94	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.70	198	108	8.64	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	9191	3.38	ng	#	1
70) Phenanthrene	11.42	178	32815	2.46	ng		96
71) Anthracene	11.42	178	32815	2.42	ng		97
74) Fluoranthene	12.61	202	50395	3.56	ng		94
77) Pyrene	12.84	202	46122	3.45	ng		98
80) Benzo(a)anthracene	14.02	228	26050	2.30	ng		95
82) Chrysene	14.06	228	27667	2.53	ng		97
87) Benzo(b)fluoranthene	15.07	252	45030	4.44	ng	#	90
88) Benzo(k)fluoranthene	15.07	252	45030	4.70	ng	#	93
89) Benzo(a)pyrene	15.44	252	21844	2.43	ng	#	91

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

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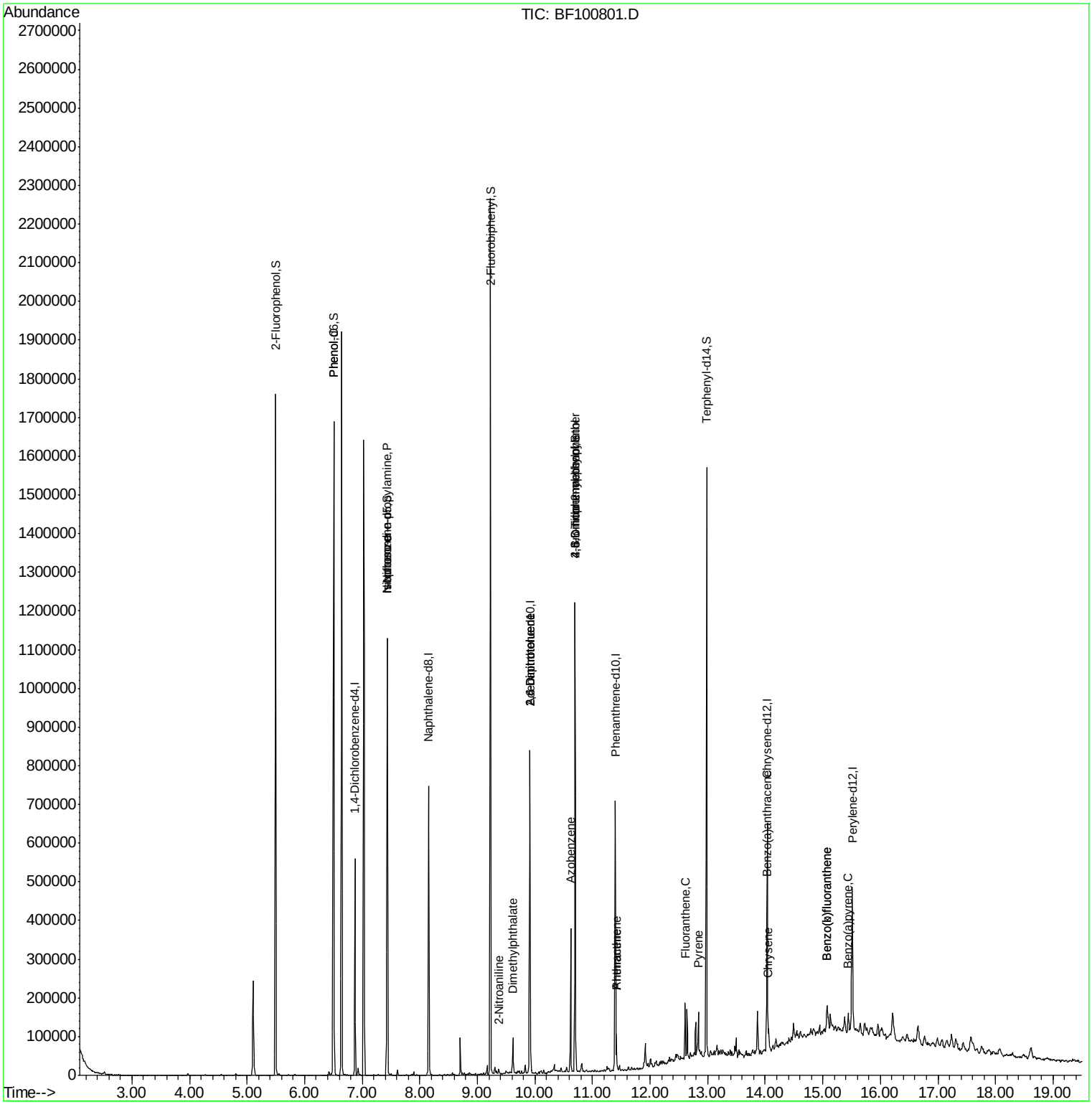
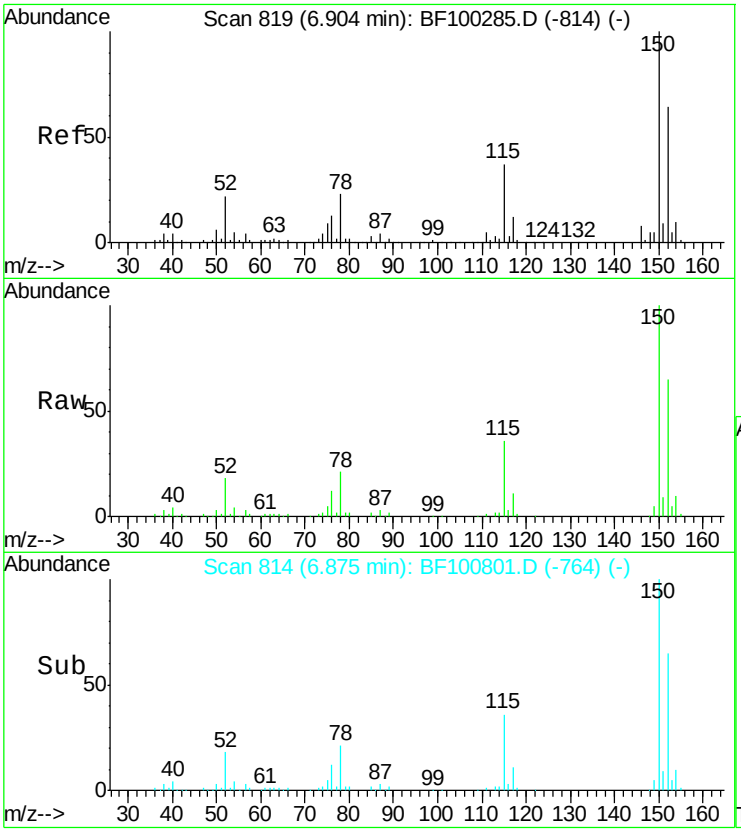
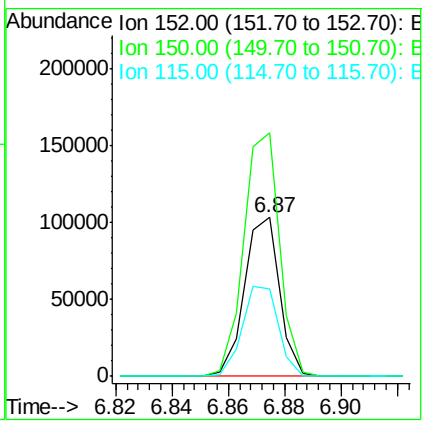




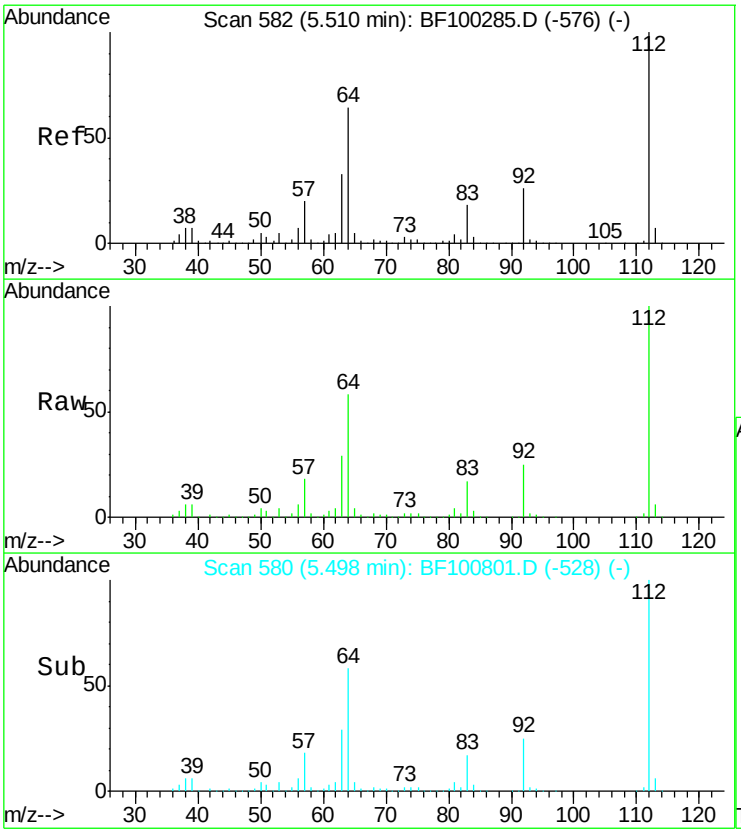
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Tgt Ion:152 Resp: 89195

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	55.2	50.1	75.1



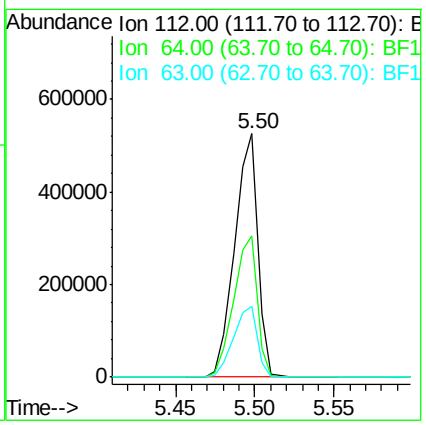
Instrument :
BNA_F
ClientSampleId :

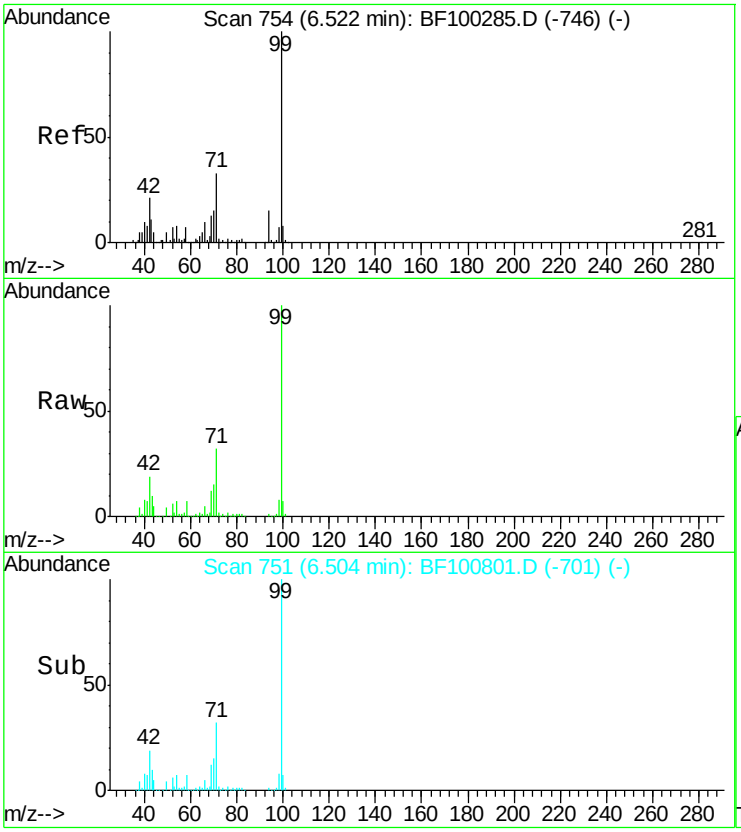


#5
2-Fluorophenol
Concen: 95.32 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Tgt Ion:112 Resp: 530371

Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	29.3	23.7	35.5



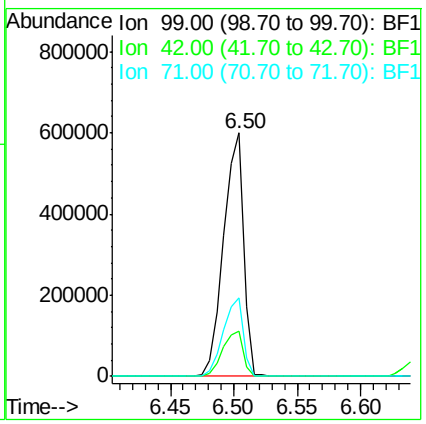


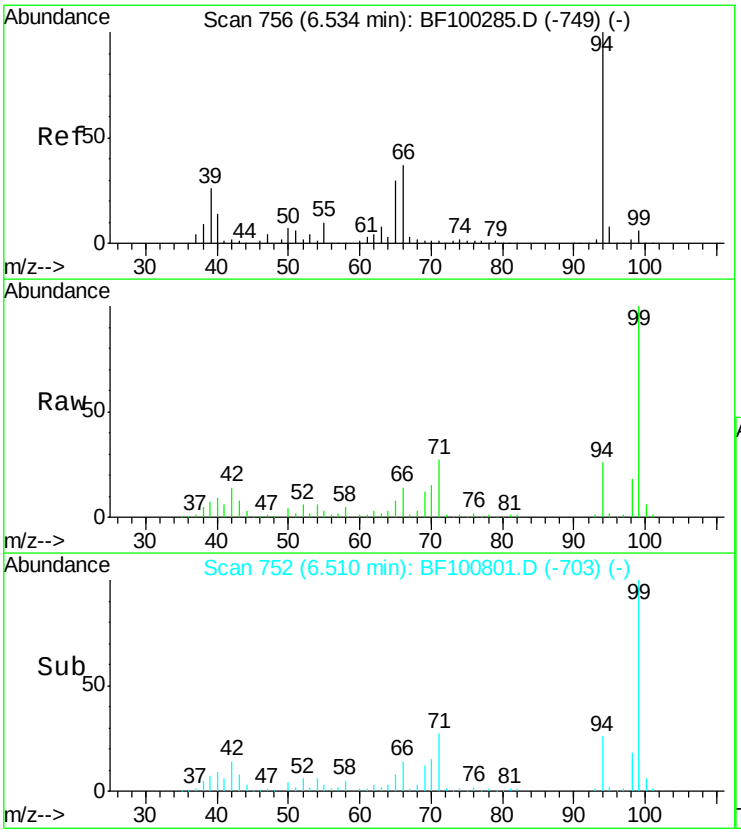
#7
Phenol-d6
Concen: 95.70 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 656670

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	32.5	25.4	38.0

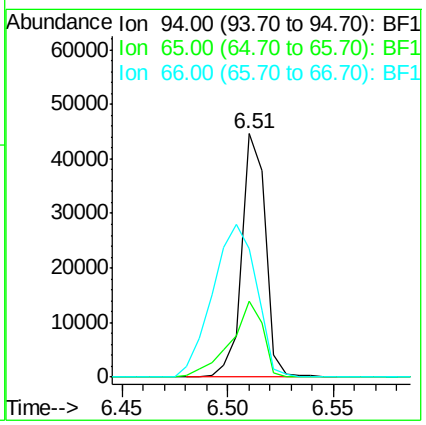


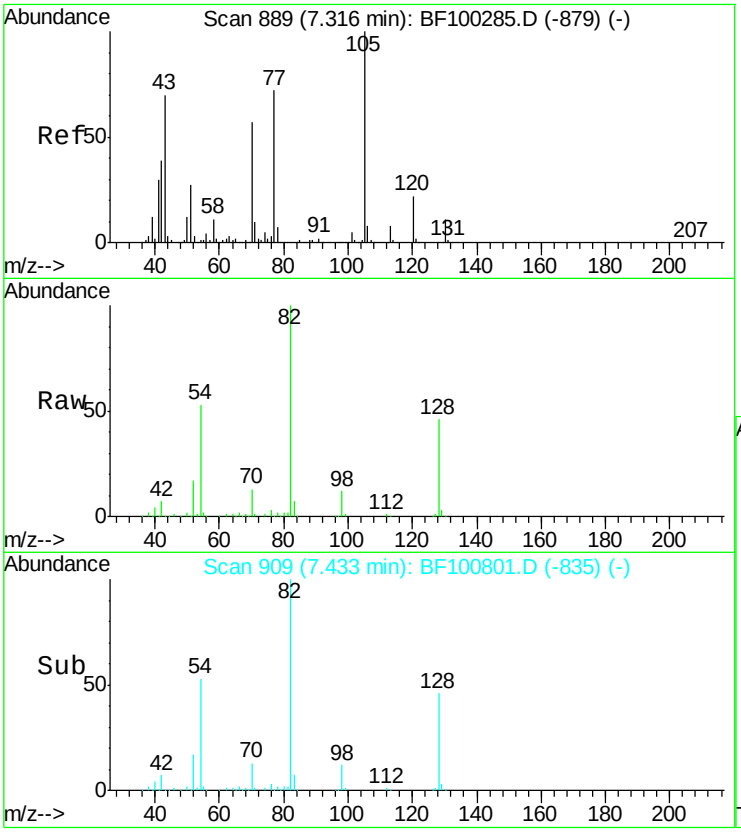


#10
Phenol
Concen: 4.80 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Tgt Ion: 94 Resp: 34600

Ion	Ratio	Lower	Upper
94	100		
65	31.4	7.9	47.9
66	52.7	16.2	56.2



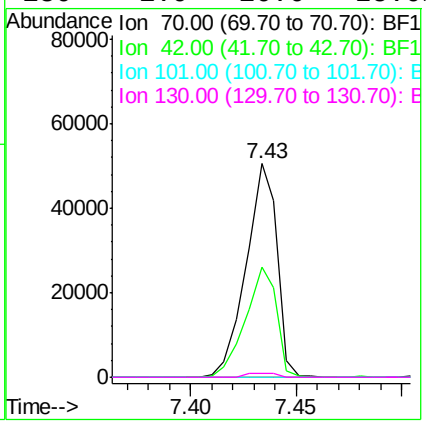


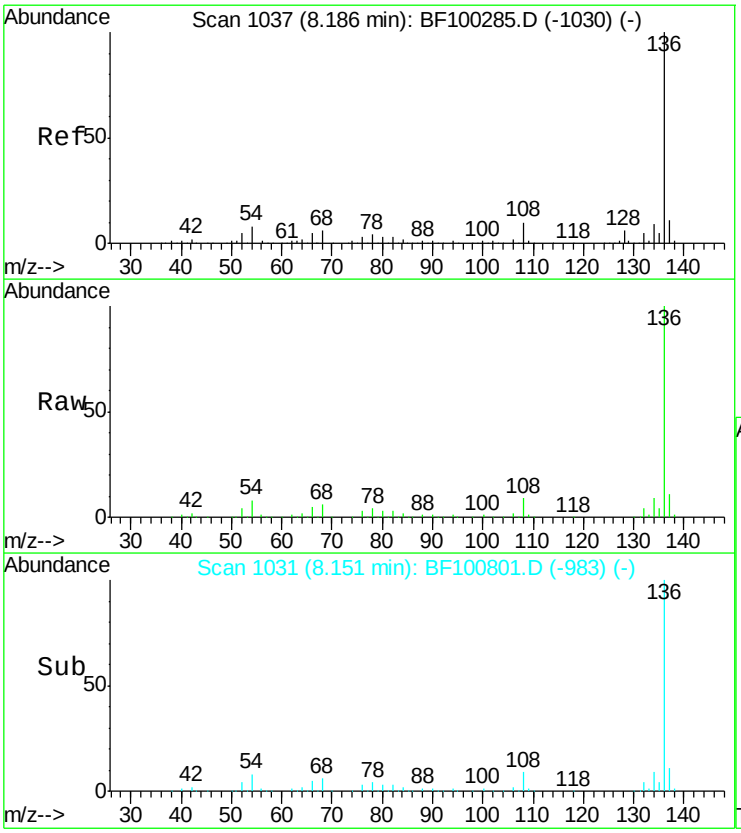
#19
n-Nitroso-di-n-propylamine
Concen: 10.79 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 51332

Ion	Ratio	Lower	Upper
70	100		
42	51.8	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

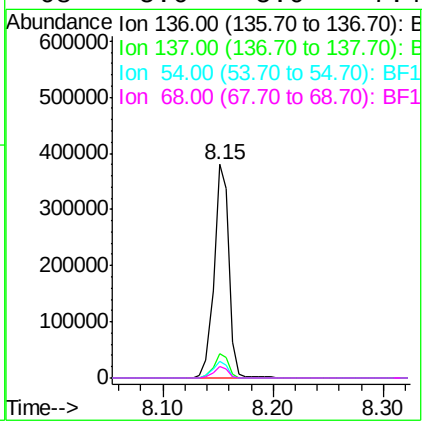


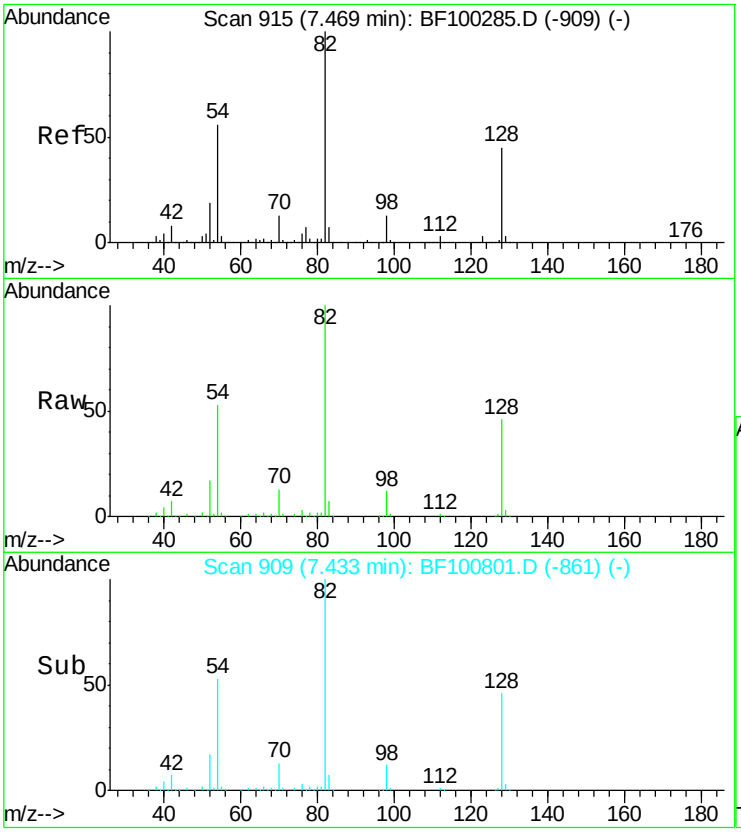


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Tgt Ion:136 Resp: 350949

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.0	6.6	9.8
68	5.6	5.0	7.4



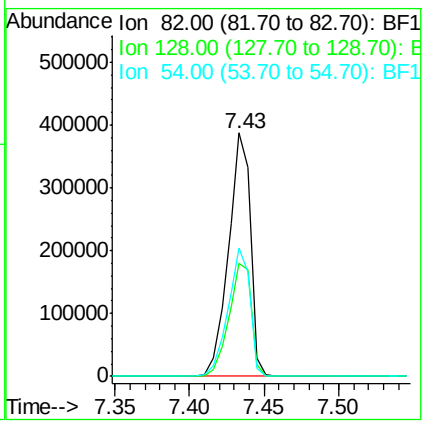


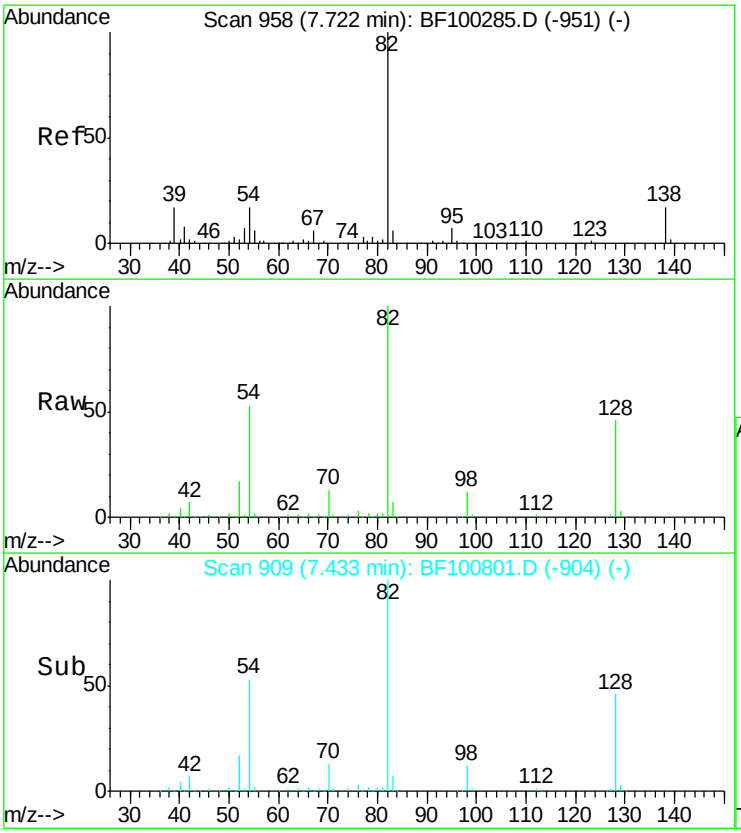
#23
Nitrobenzene-d5
Concen: 75.91 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 402953

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	52.9	41.4	62.2

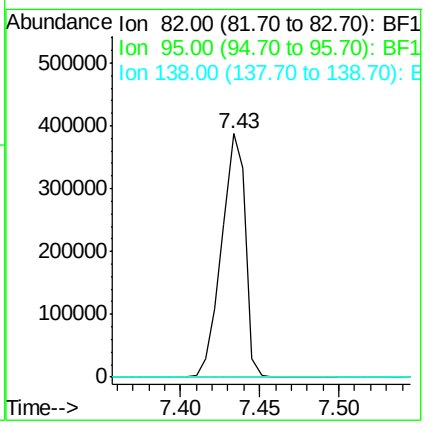


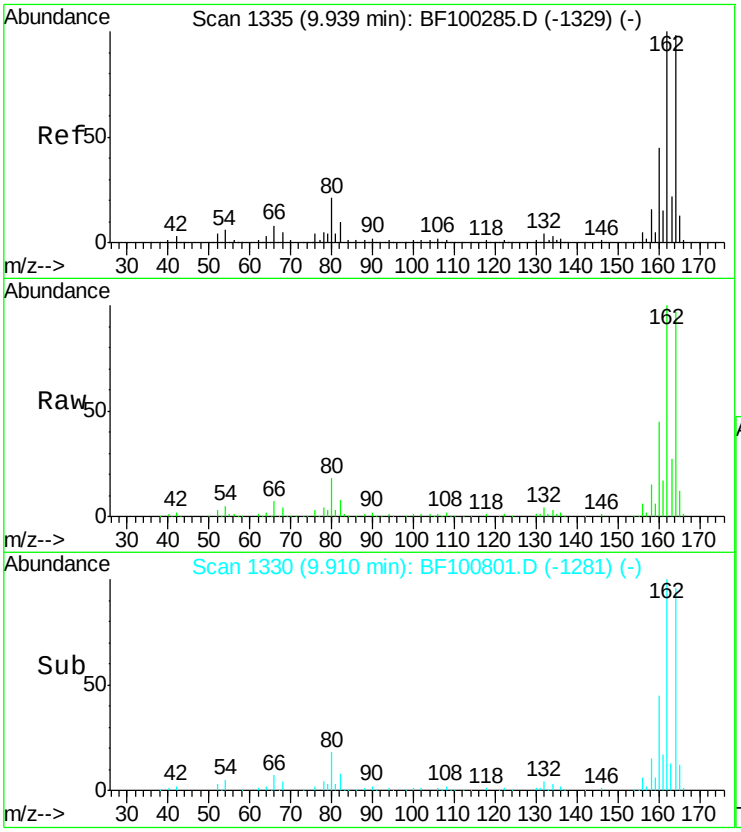


#25
Isophorone
Concen: 36.12 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Tgt Ion: 82 Resp: 402949

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



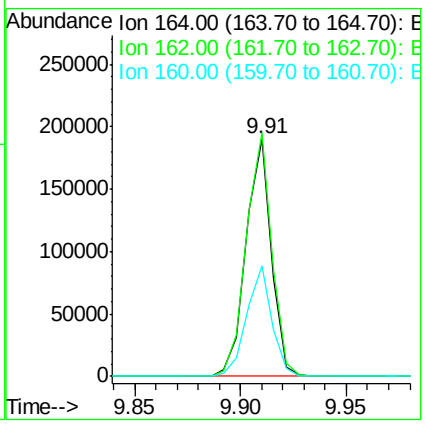


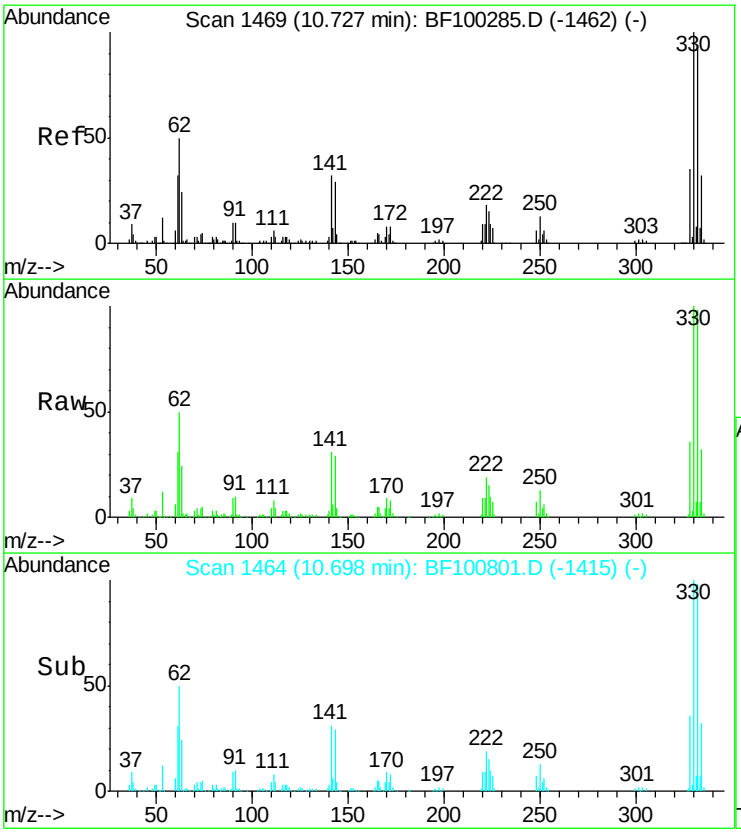
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 157938

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	46.5	38.3	57.5

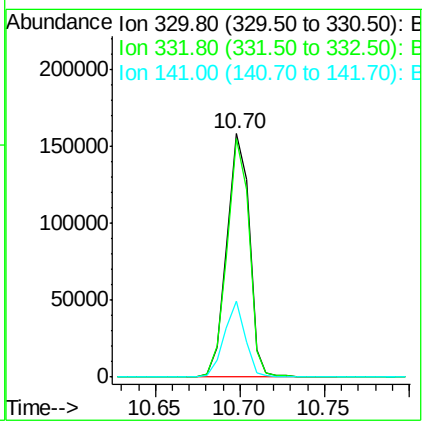


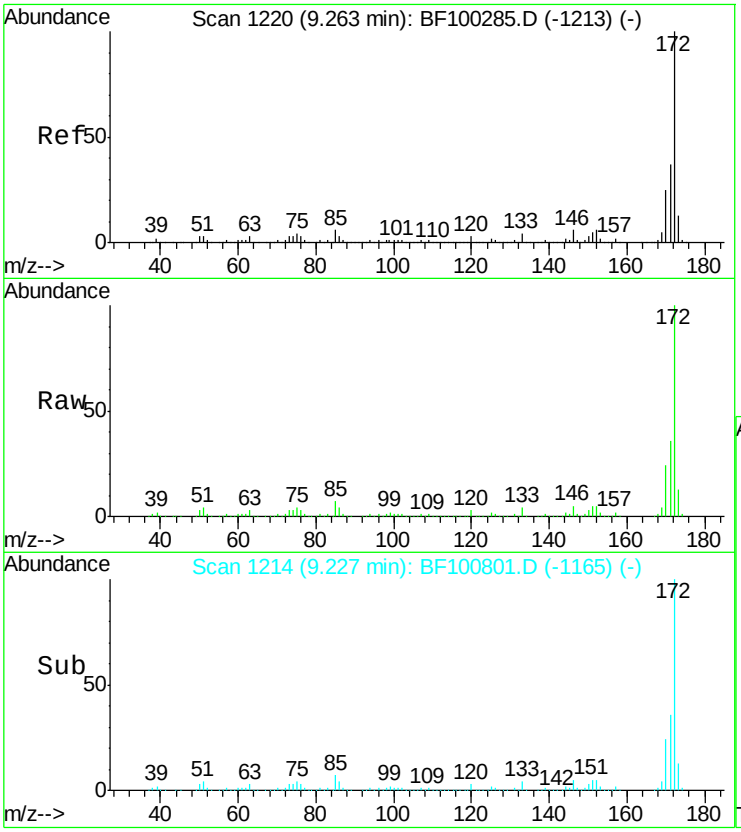


#41
2,4,6-Tribromophenol
Concen: 90.82 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Tgt Ion:330 Resp: 146166

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	29.1	29.9	44.9#



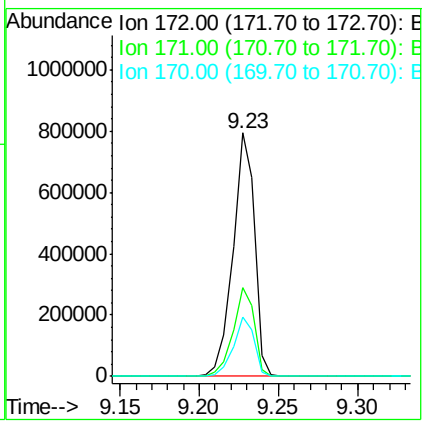


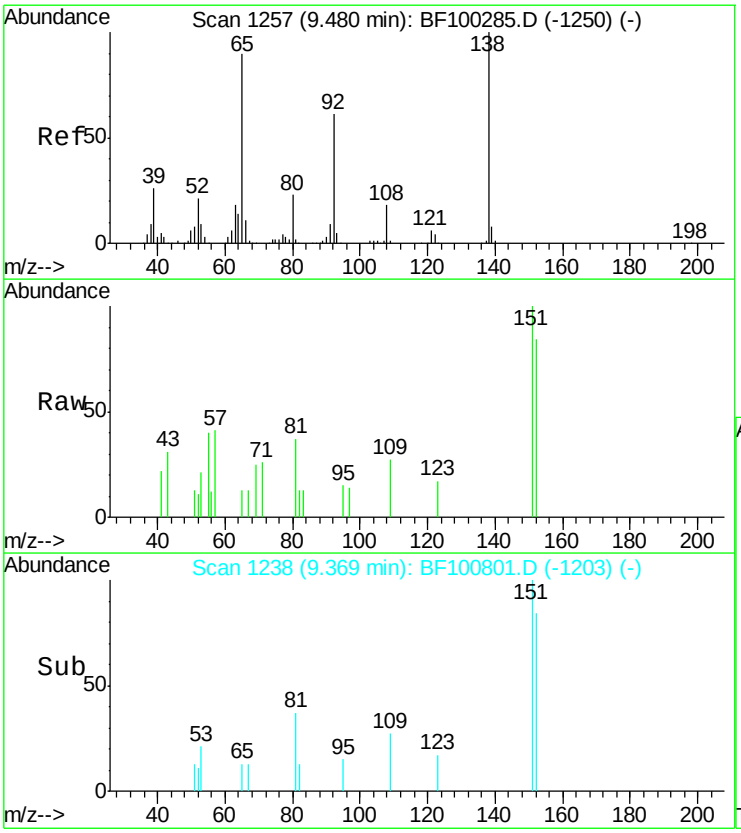
#44
2-Fluorobiphenyl
Concen: 72.37 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 750610

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	19.6	29.4

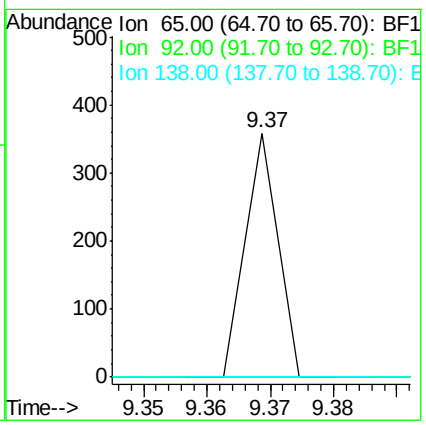


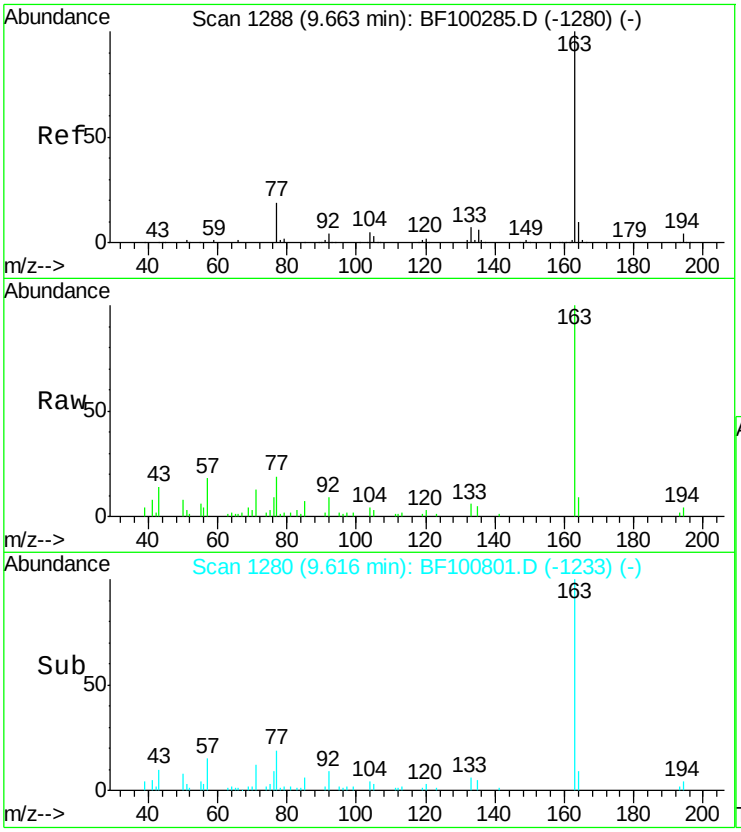


#47
2-Nitroaniline
Concen: 2.82 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.09 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Tgt Ion: 65 Resp: 126

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



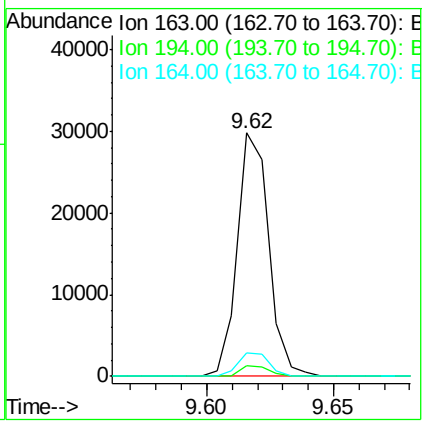


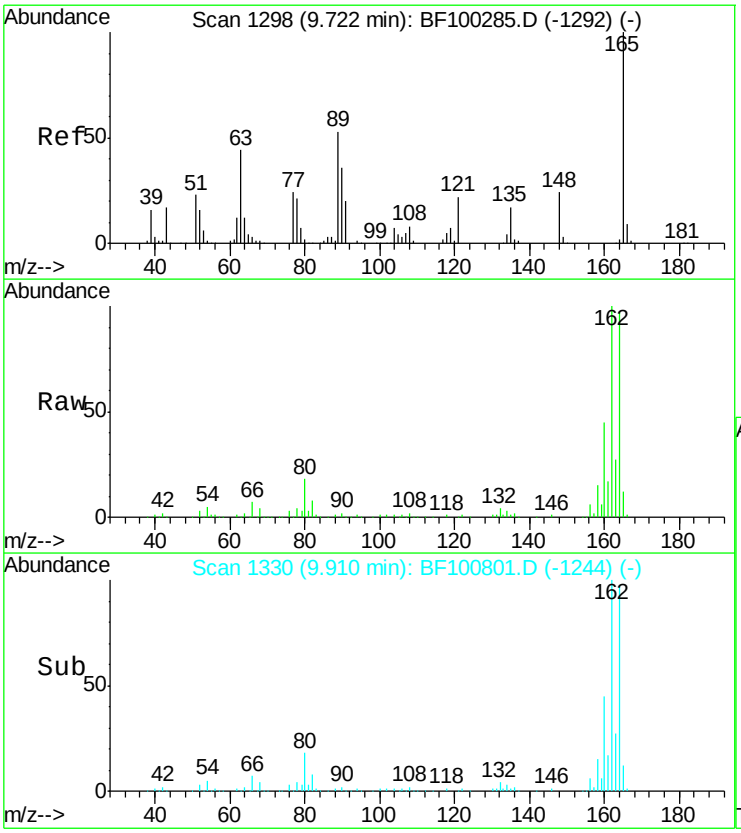
#49
Dimethylphthalate
Concen: 2.13 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 25659

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.4	8.2	12.2

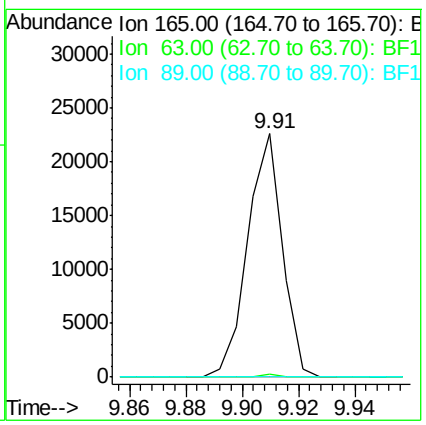


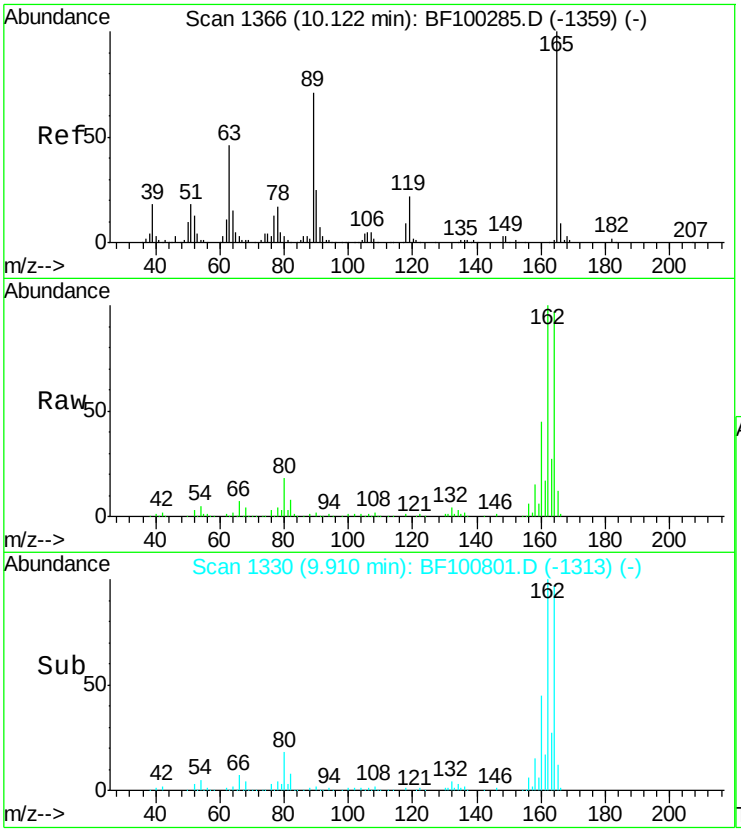


#50
2,6-Dinitrotoluene
Concen: 8.05 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Tgt Ion:165 Resp: 19221

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	0.0	44.0	66.0#



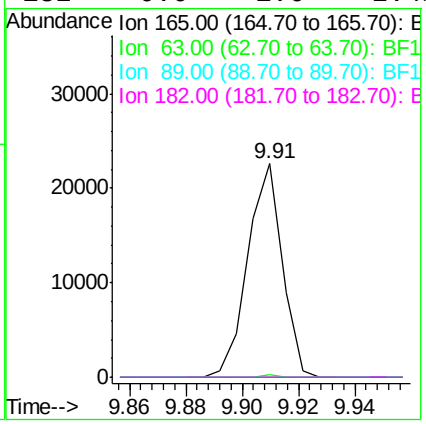


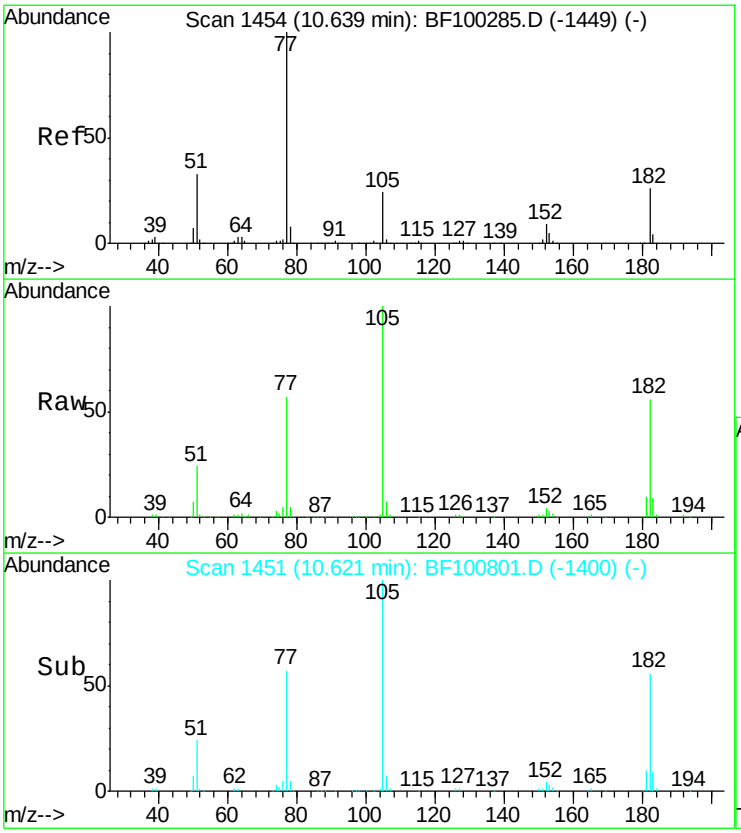
#56
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19221

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

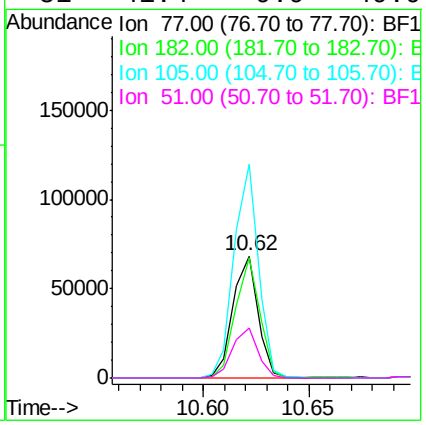


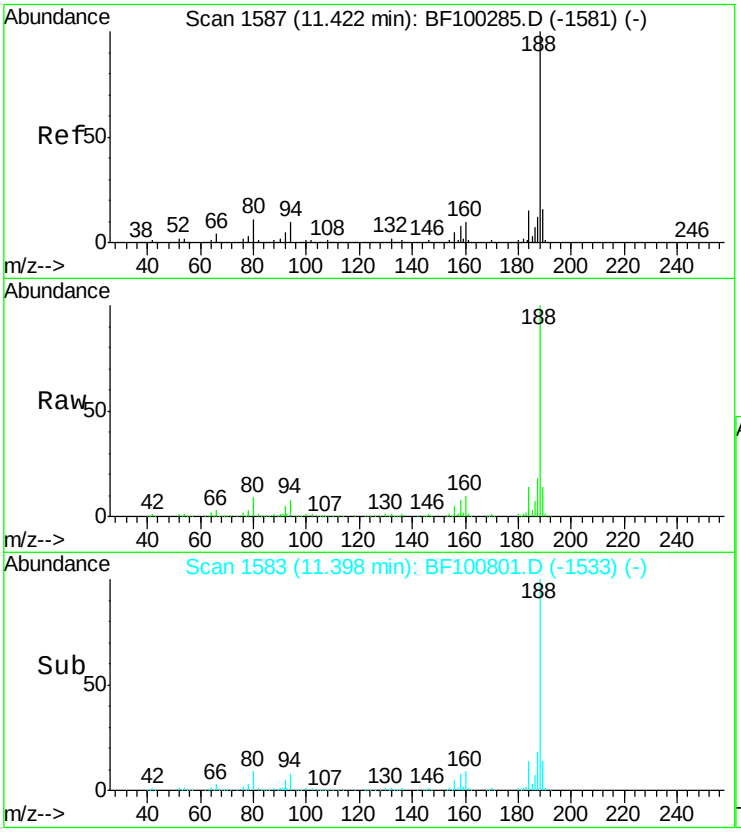


#62
Azobenzene
Concen: 4.94 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Tgt Ion: 77 Resp: 56094

Ion	Ratio	Lower	Upper
77	100		
182	98.5	1.7	41.7#
105	175.1	3.0	43.0#
51	41.4	9.9	49.9



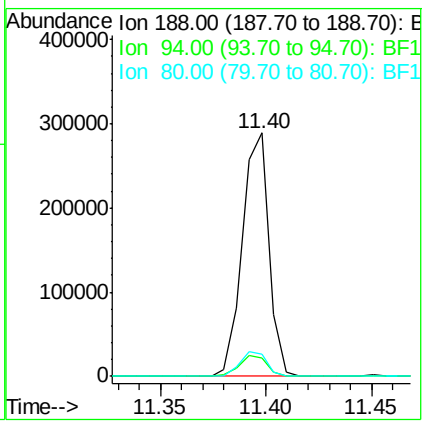


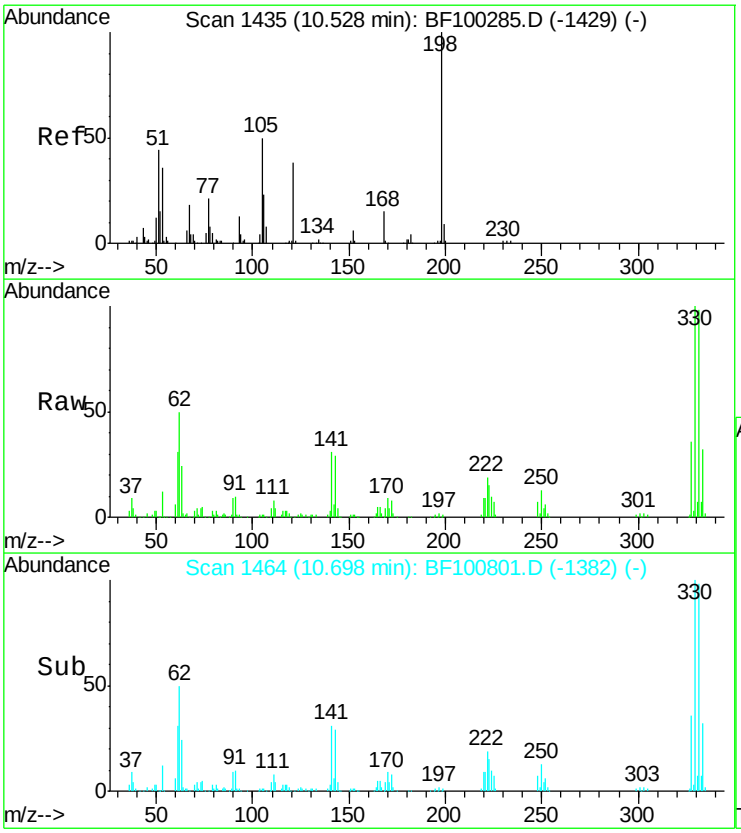
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 253403

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	9.0	9.2	13.8#

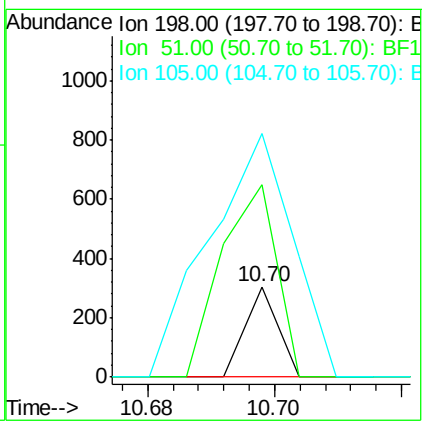


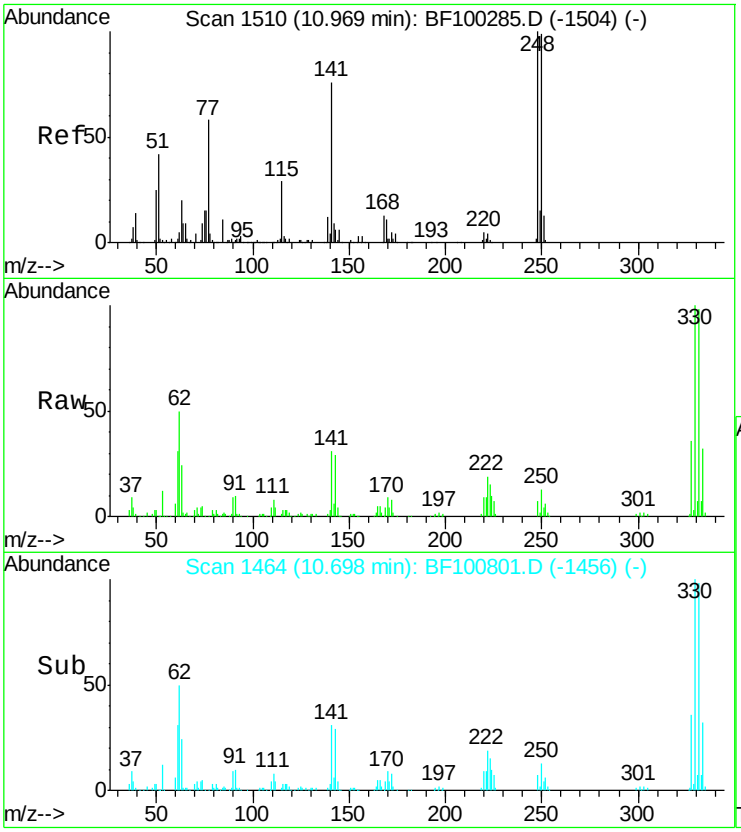


#64
4,6-Dinitro-2-methylphenol
Concen: 8.64 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.18 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Tgt Ion:198 Resp: 108

Ion	Ratio	Lower	Upper
198	100		
51	212.5	37.7	77.7#
105	269.5	36.3	76.3#



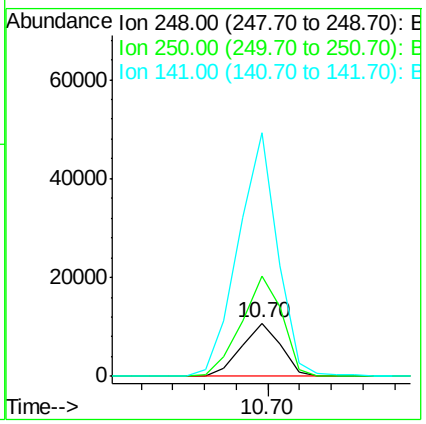


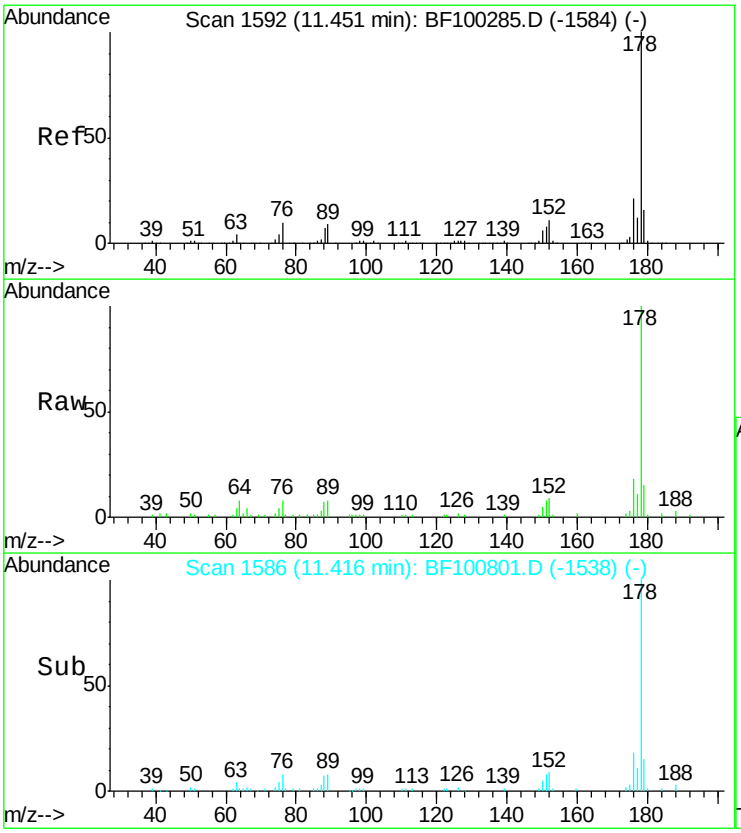
#66
4-Bromophenyl-phenylether
Concen: 3.38 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9191

Ion	Ratio	Lower	Upper
248	100		
250	188.7	76.9	115.3#
141	457.0	74.4	111.6#

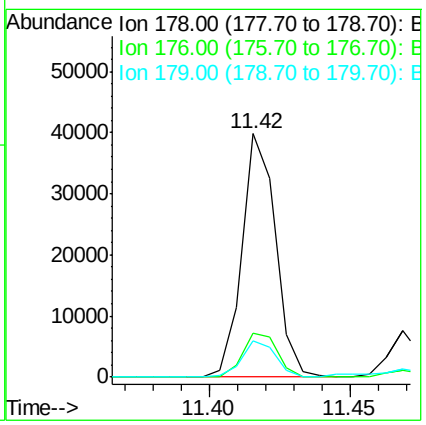


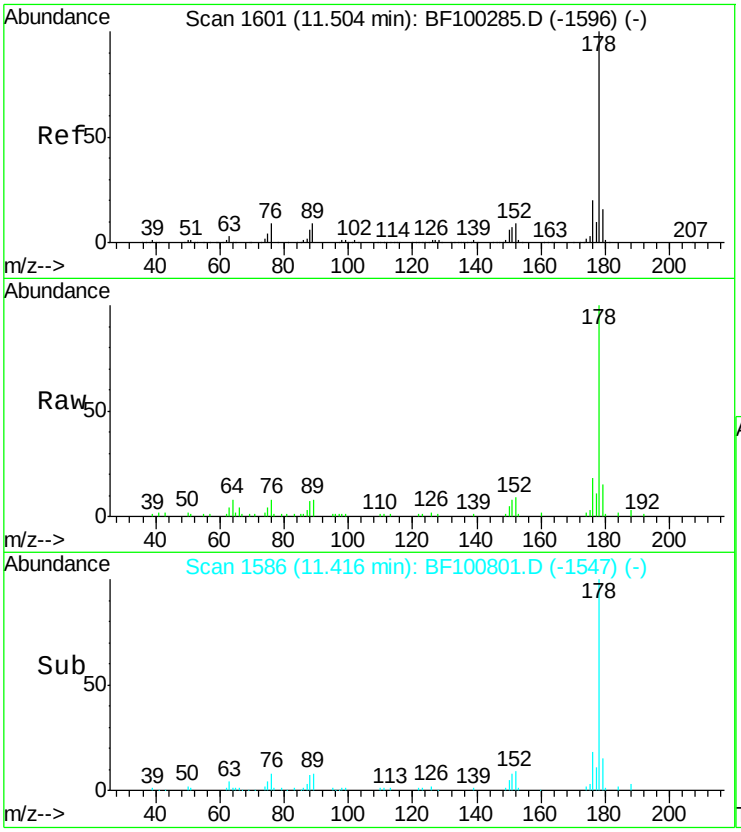


#70
Phenanthrene
Concen: 2.46 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Tgt Ion:178 Resp: 32815

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	14.9	13.0	19.6



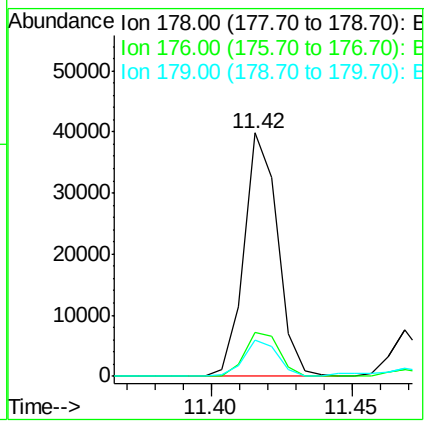


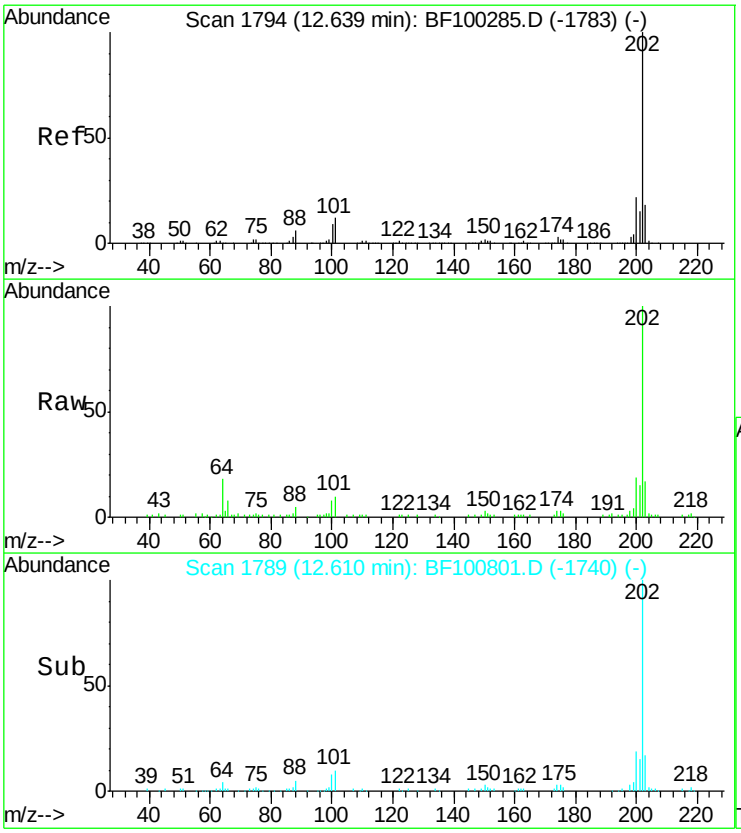
#71
Anthracene
Concen: 2.42 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.07 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 32815

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	14.9	12.6	19.0

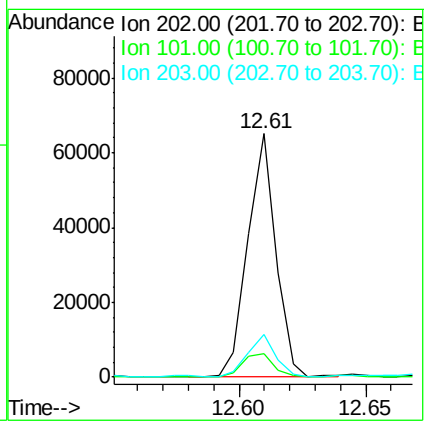


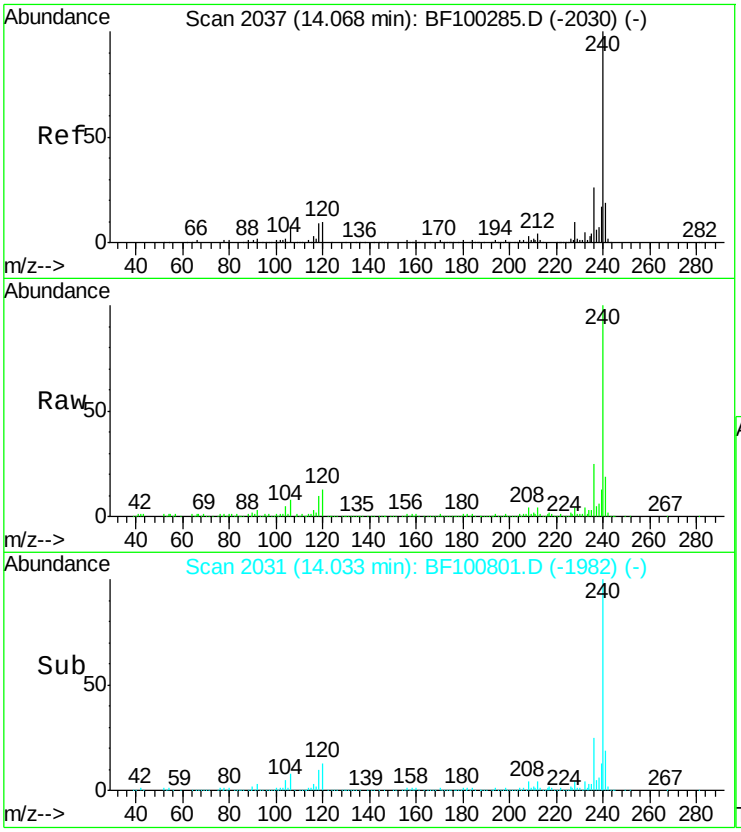


#74
Fluoranthene
Concen: 3.56 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Tgt Ion:202 Resp: 50395

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	34.1
203	17.3	0.0	38.1



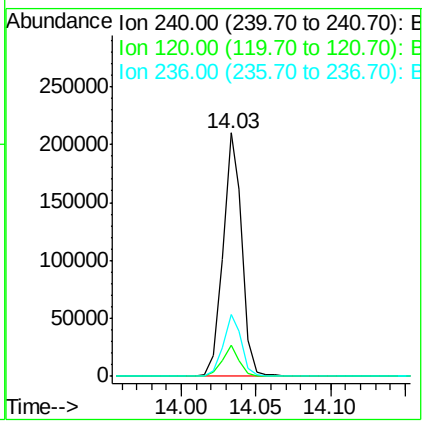


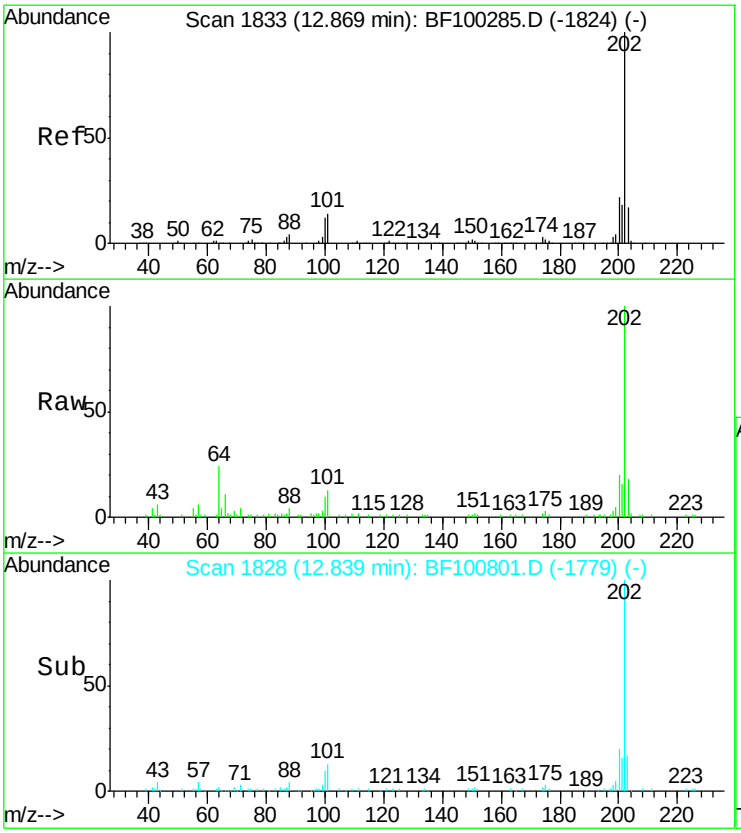
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 187801

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	25.2	20.7	31.1

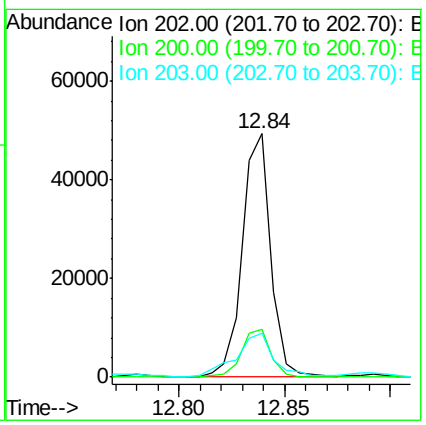


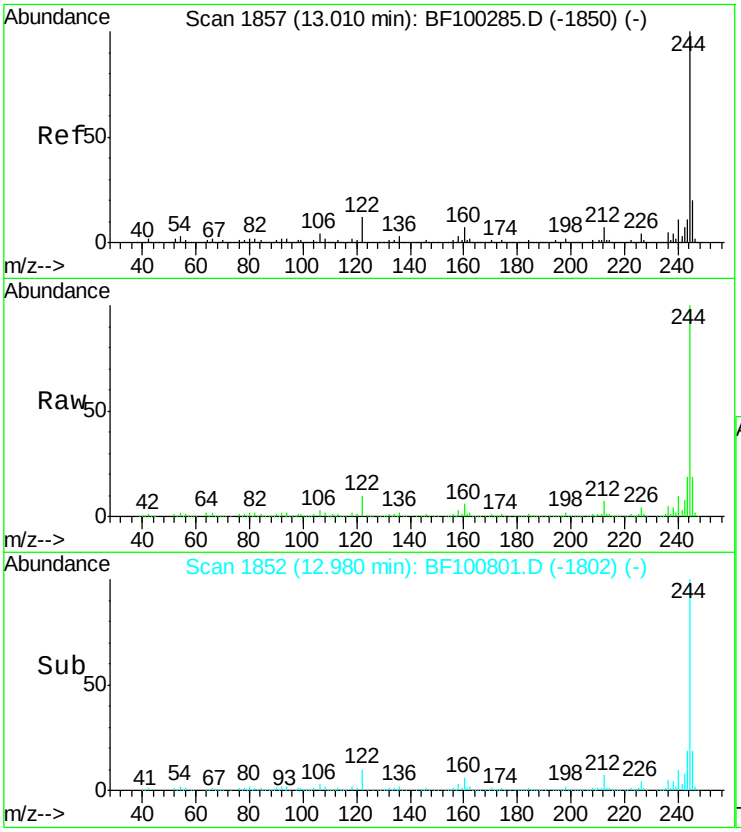


#77
Pyrene
Concen: 3.45 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Tgt Ion:202 Resp: 46122

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.4	26.2
203	17.8	14.3	21.5



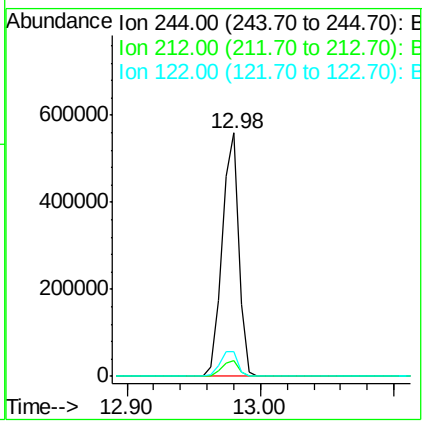


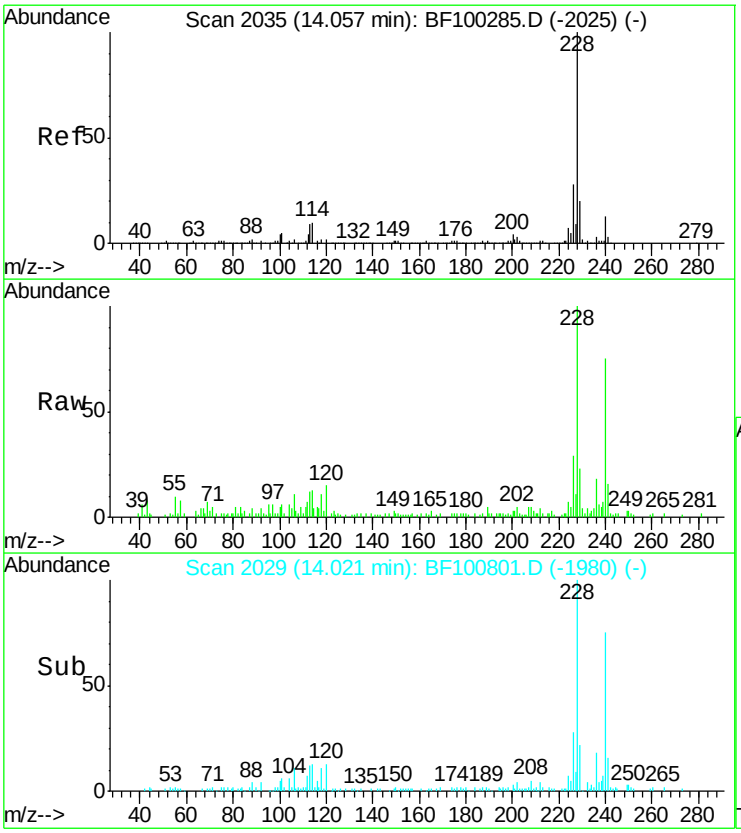
#78
Terphenyl-d14
Concen: 60.31 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 492934

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.3	11.0	16.4#

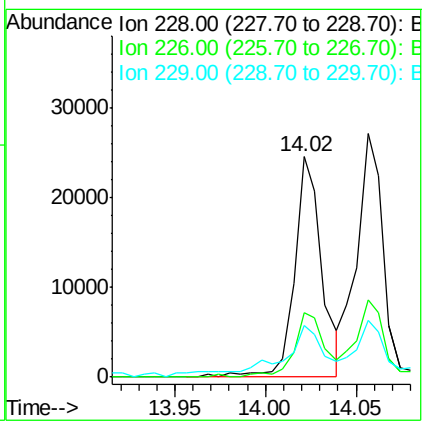


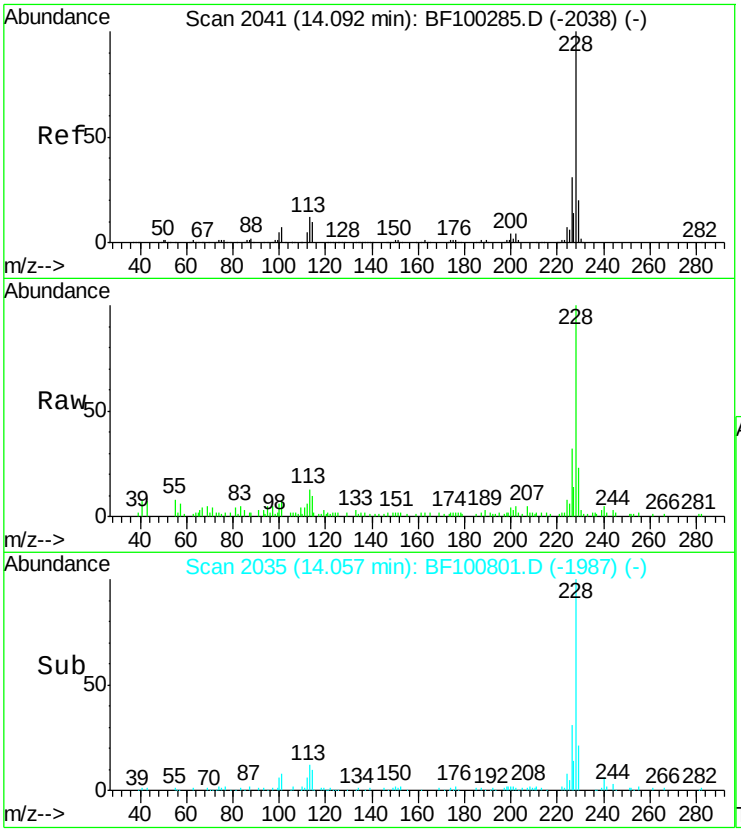


#80
Benzo(a)anthracene
Concen: 2.30 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Tgt Ion:228 Resp: 26050

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	23.4	15.8	23.6



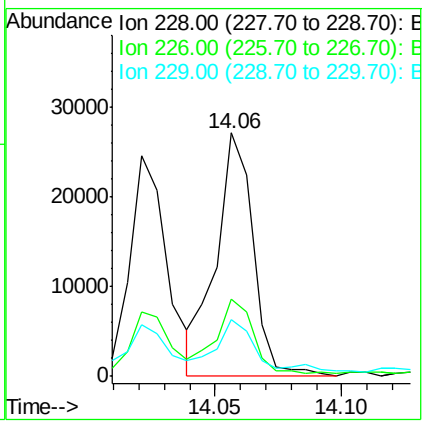


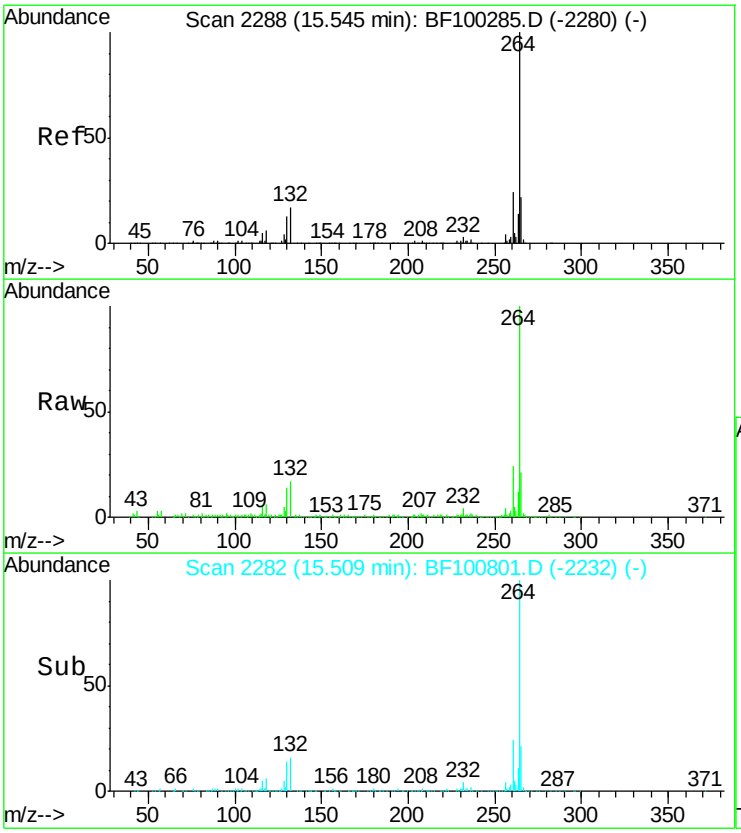
#82
Chrysene
Concen: 2.53 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 27667

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	23.1	16.2	24.4

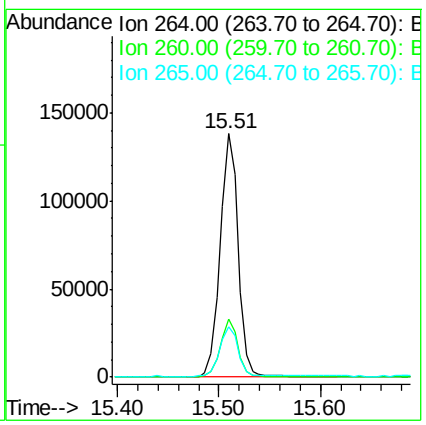


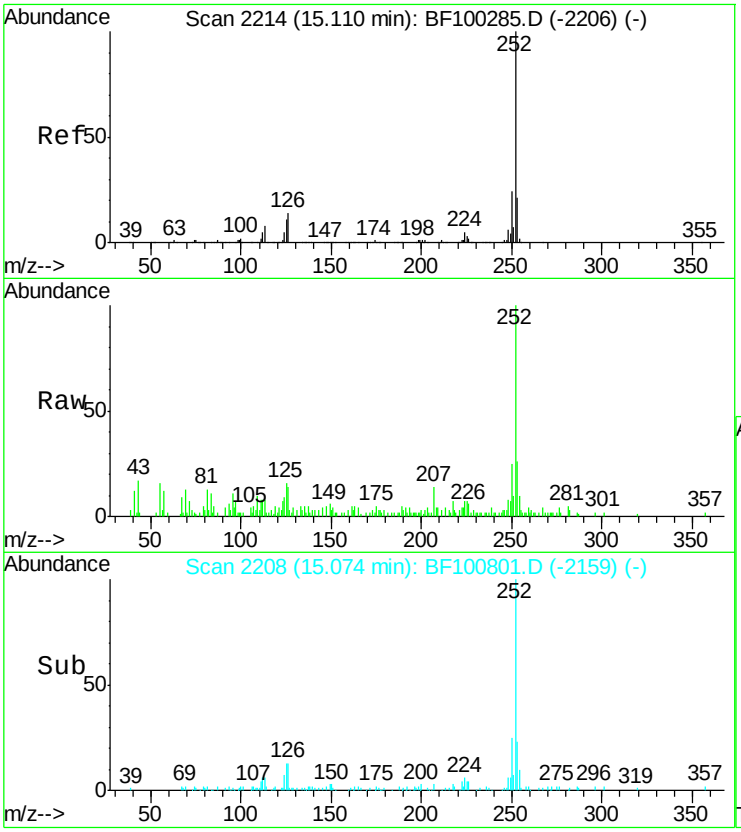


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Tgt Ion:264 Resp: 171056

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.9	17.5	26.3



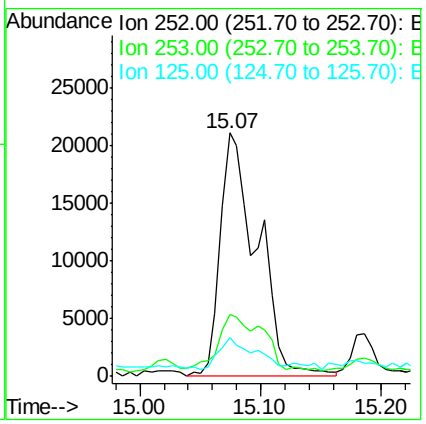


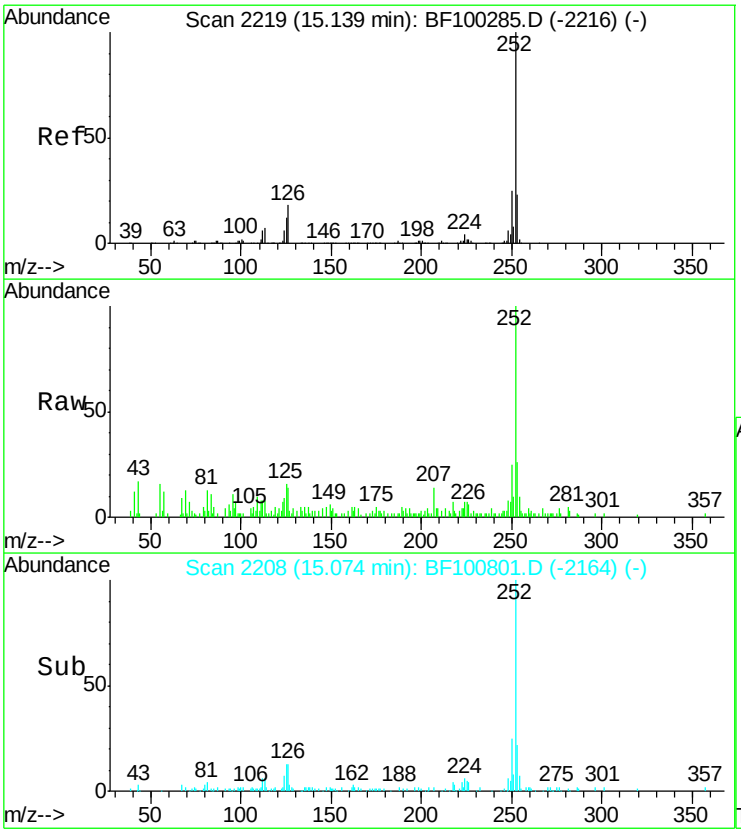
#87
Benzo(b)fluoranthene
Concen: 4.44 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 45030

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.0	25.6
125	16.2	9.0	13.6#

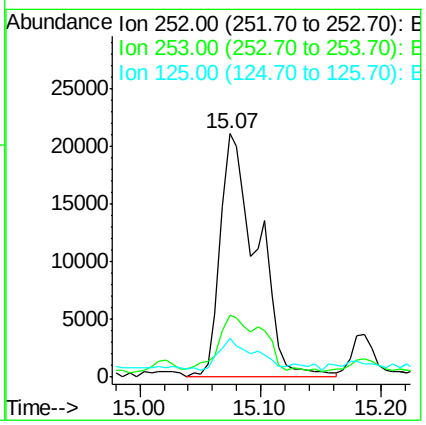


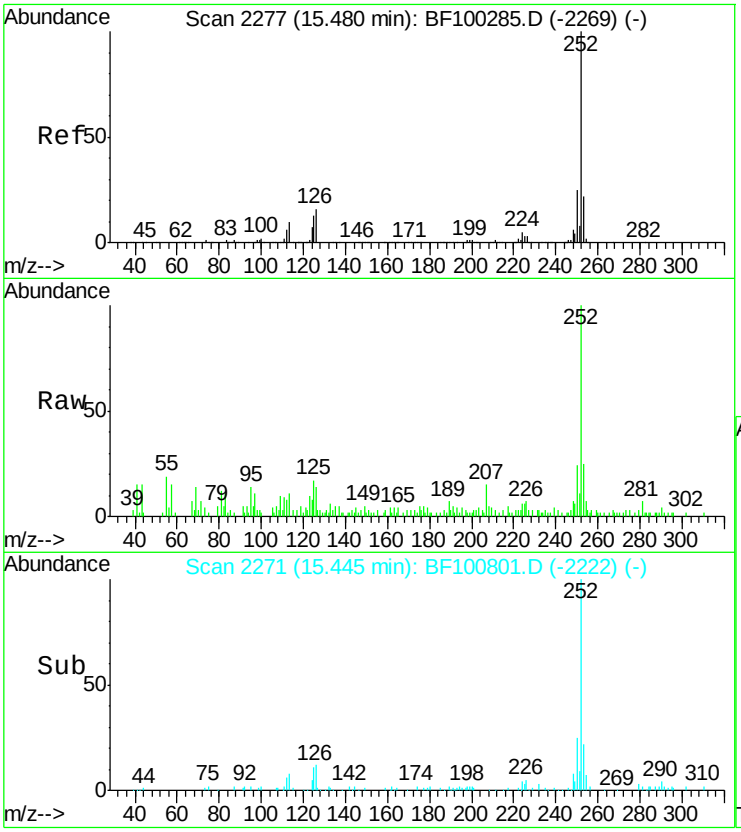


#88
Benzo(k)fluoranthene
Concen: 4.70 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.04 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Tgt Ion:252 Resp: 45030

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.9	26.9
125	16.2	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.43 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF100801.D
Acq: 22 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 21844

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.1	25.7
125	16.8	9.8	14.6#