Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101053.D
Acq On : 1 Dec 2017 9:03
Operator : SJ/JU
Sample : I6610-11DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 01 10:03:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 09:47:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	50166	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	183689	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	69397	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	109037	20.00	ng		0.00
75) Chrysene-d12	14.02	240	112962	20.00	ng		0.00
86) Perylene-d12	15.49	264	76958	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	25689	8.46	ng		0.00
7) Phenol-d6	6.47	99	32330	8.77	ng		-0.01
23) Nitrobenzene-d5	7.41	82	18485	6.00	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	5545	6.65	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	43573	8.59	ng		0.00
78) Terphenyl-d14	12.96	244	34563	6.69	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	7.41	82	18485	3.514	ng	#	64
31) Naphthalene	8.16	128	113971	12.589	ng		99
33) 4-Chloroaniline	8.16	127	14519	3.991	ng	#	34
37) 2-Methylnaphthalene	8.85	142	26663	4.334	ng		97
50) 2,6-Dinitrotoluene	9.89	165	9705	8.233	ng	#	24
51) Acenaphthene	9.92	154	29460	6.630	ng		95
54) Dibenzofuran	10.09	168	28443	4.442	ng		96
55) 4-Nitrophenol	10.09	139	10278	11.497	ng	#	9
56) 2,4-Dinitrotoluene	9.89	165	9705	6.143	ng	#	21
57) Fluorene	10.44	166	34226	6.575	ng		97
70) Phenanthrene	11.40	178	301192	50.160	ng		98
71) Anthracene	11.45	178	56170	9.243	ng		97
72) Carbazole	11.61	167	30166	5.433	ng		97
74) Fluoranthene	12.60	202	315922	47.464	ng		94
77) Pyrene	12.83	202	267075	34.264	ng		98
80) Benzo(a)anthracene	14.01	228	133213	18.678	ng		98
82) Chrysene	14.05	228	122353	18.472	ng		97
85) Indeno(1,2,3-cd)pyrene	16.97	276	38632	6.560	ng	#	90
87) Benzo(b)fluoranthene	15.06	252	150151	32.574	ng		99
88) Benzo(k)fluoranthene	15.06	252	150151	33.062	ng		97
89) Benzo(a)pyrene	15.43	252	70508	16.825	ng		96
90) Dibenzo(a,h)anthracene	16.97	278	10655	2.884	ng		97
91) Benzo(g,h,i)perylene	17.42	276	34690	9.963	ng	#	91

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

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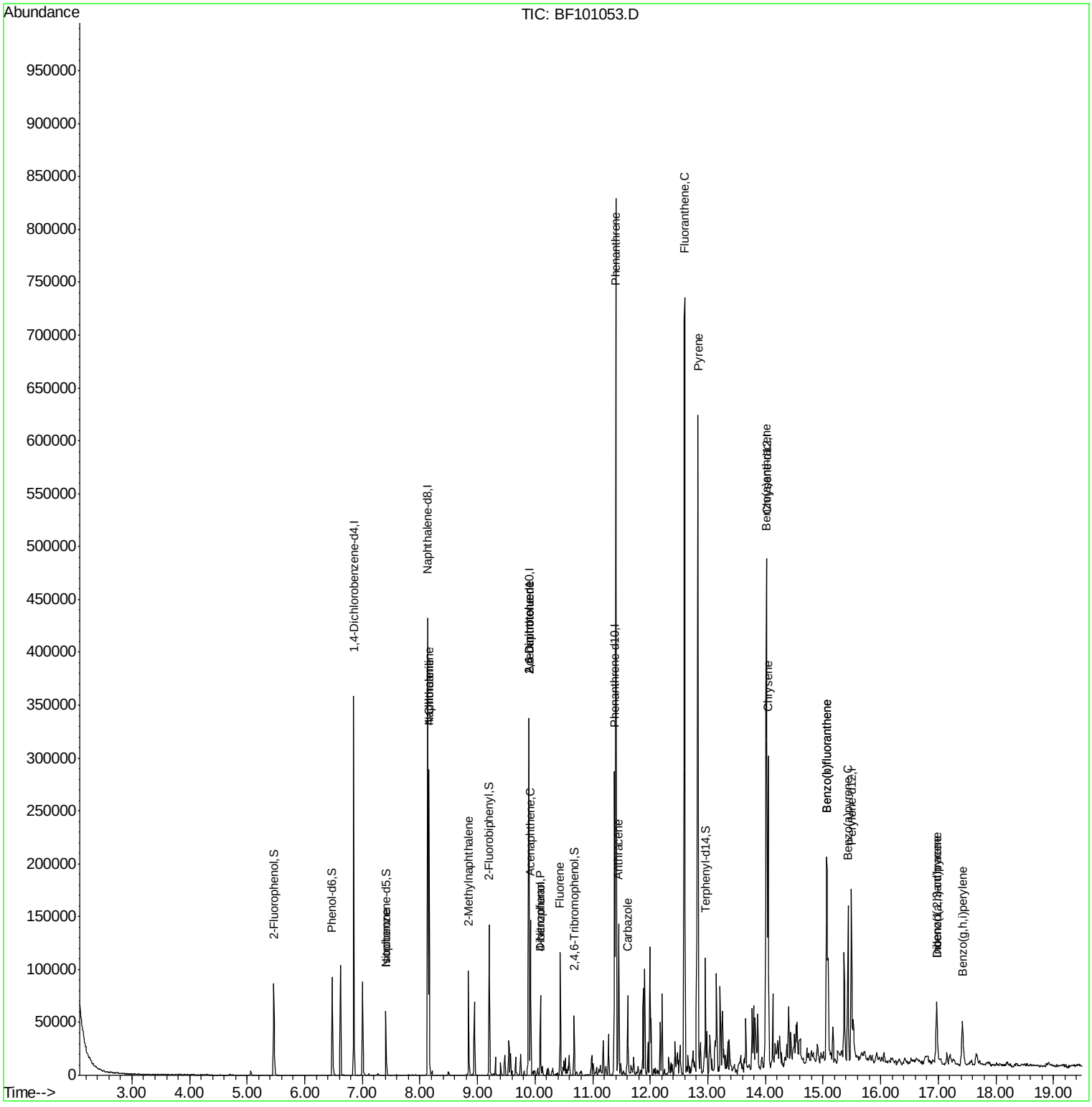
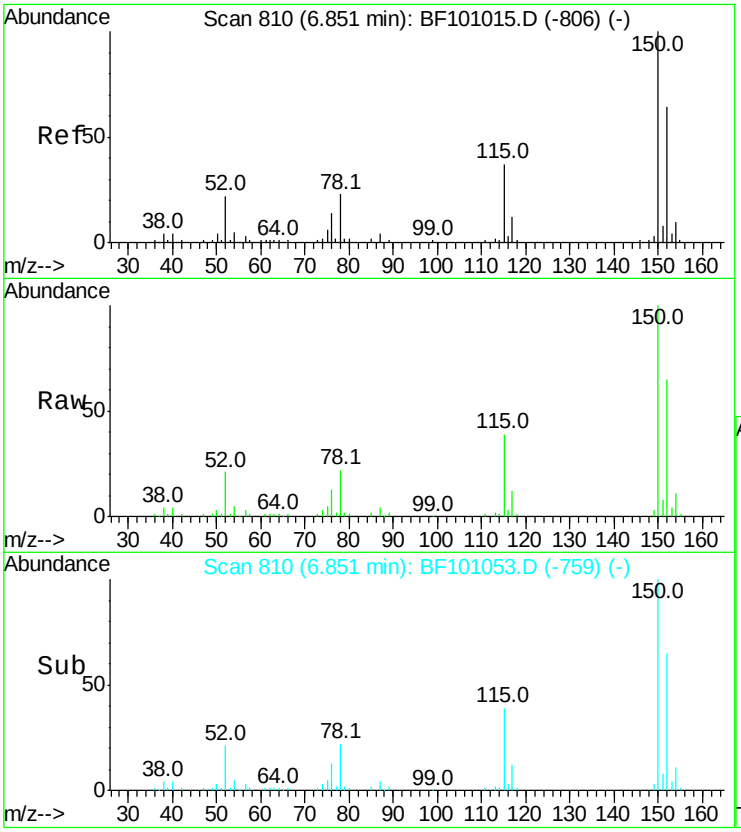


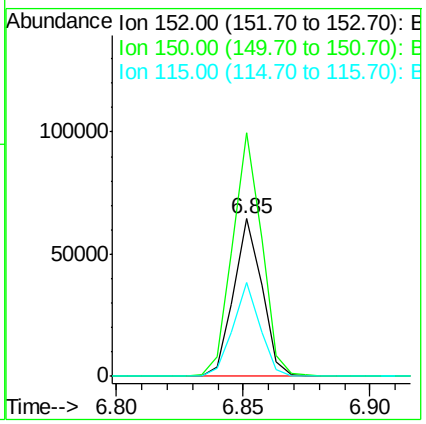


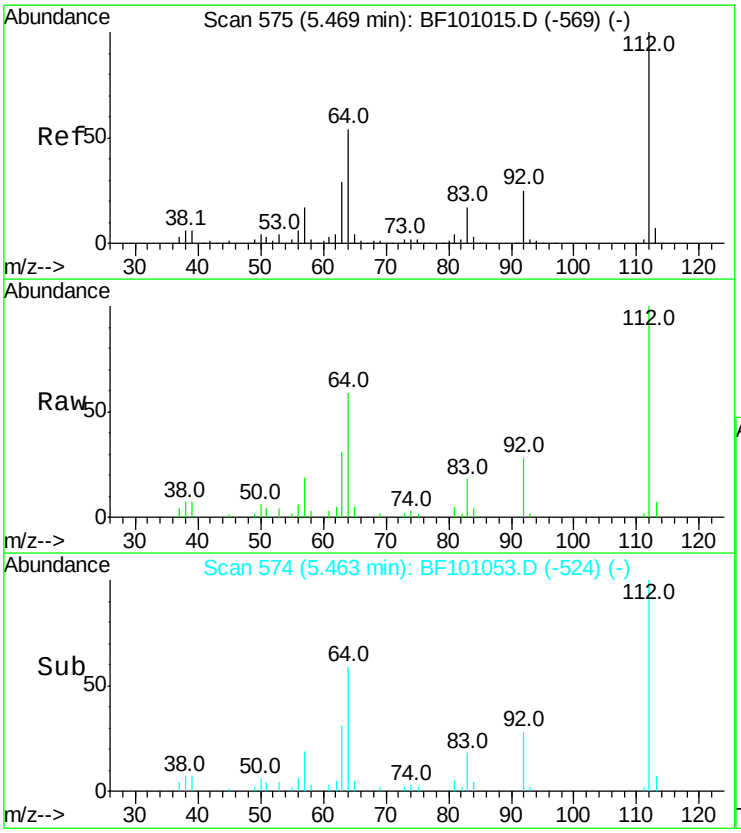
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 50166

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	60.0	50.1	75.1

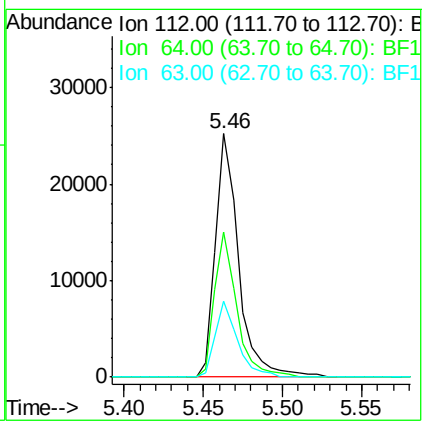


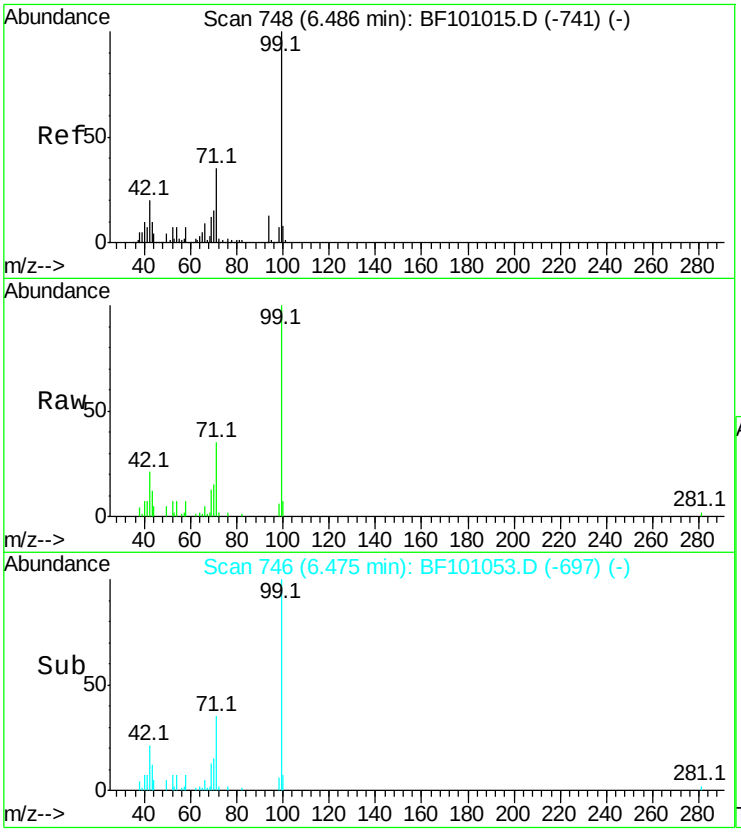


#5
2-Fluorophenol
Concen: 8.462 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Tgt Ion:112 Resp: 25689

Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.9	71.9
63	31.4	23.7	35.5



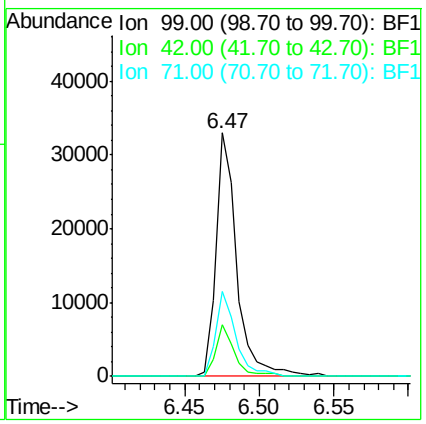


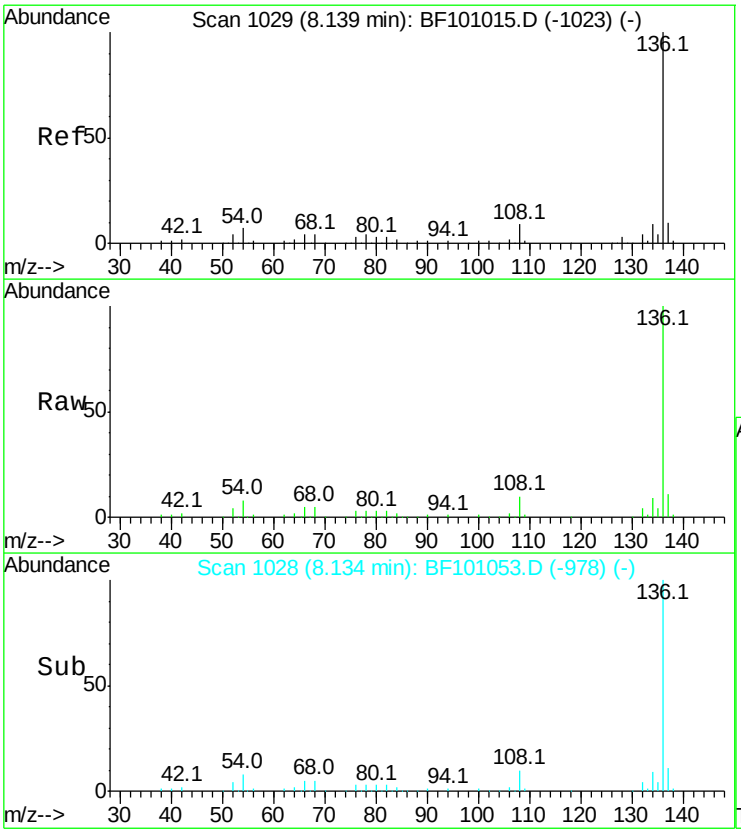
#7
Phenol-d6
Concen: 8.771 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 32330

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.5	21.7
71	34.8	25.4	38.0

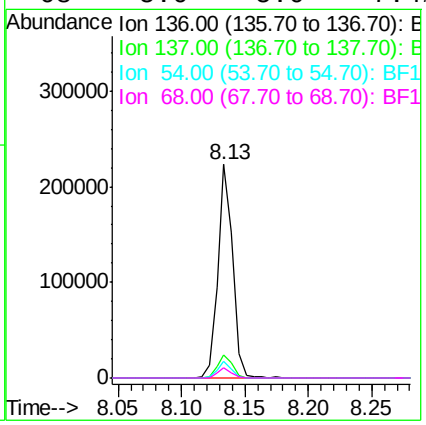


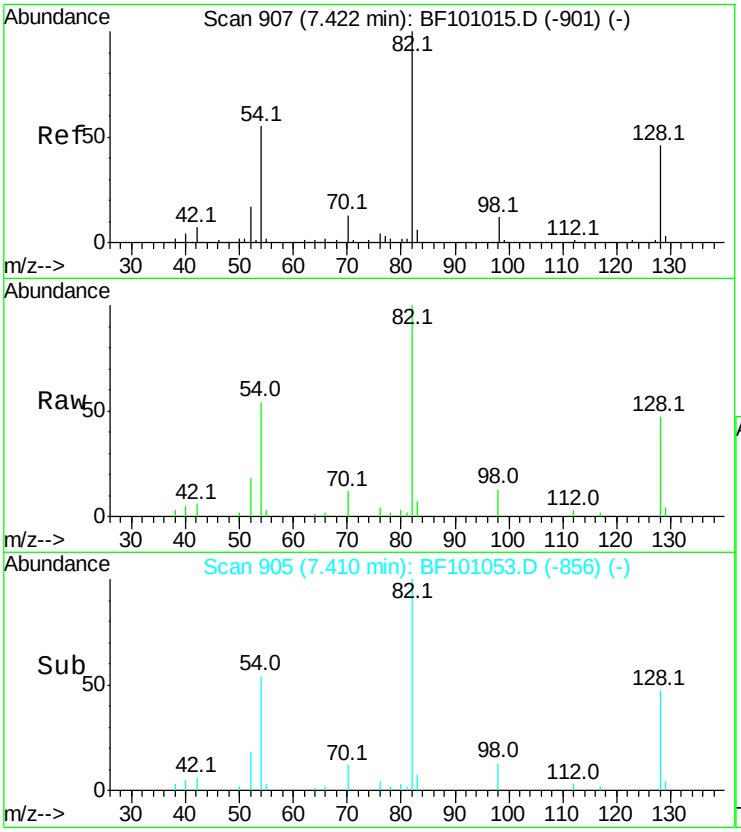


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Tgt Ion:136 Resp: 183689

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.9	6.6	9.8
68	5.0	5.0	7.4#



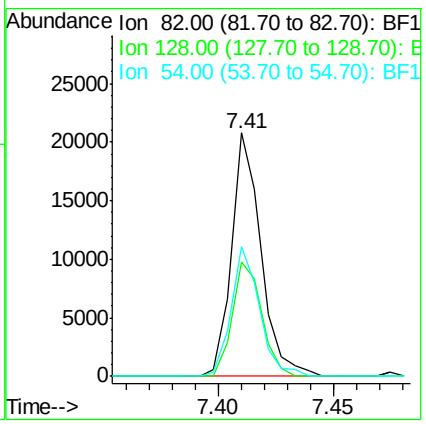


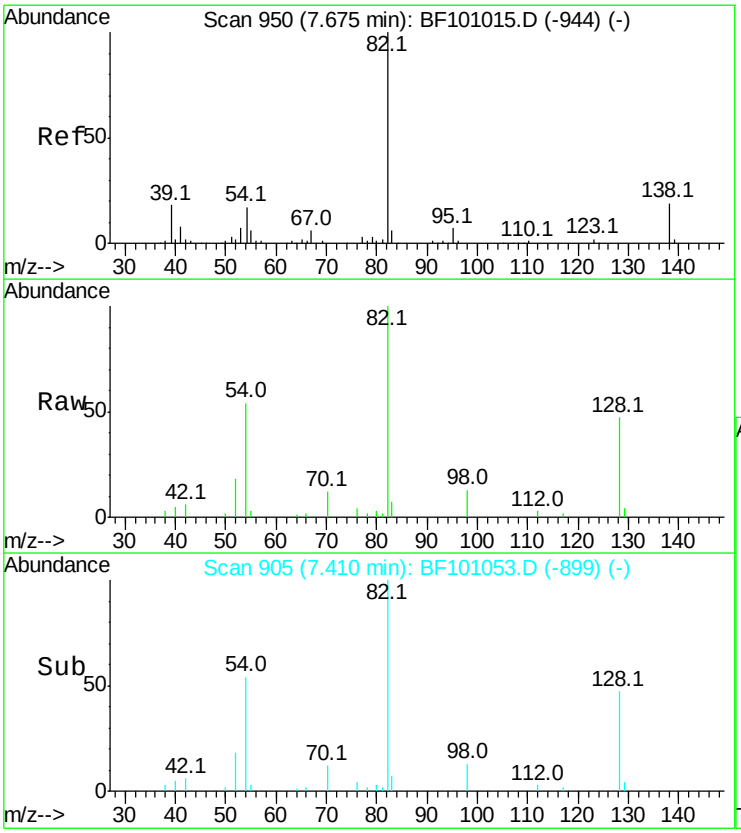
#23
Nitrobenzene-d5
Concen: 6.003 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 18485

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	53.5	41.4	62.2

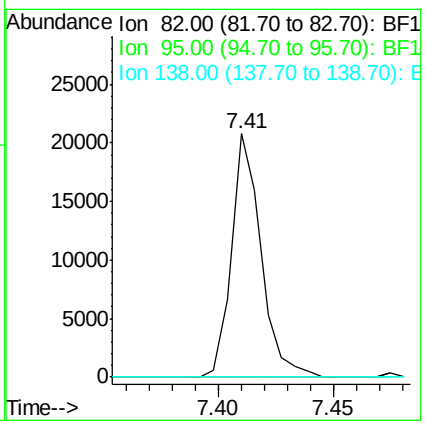


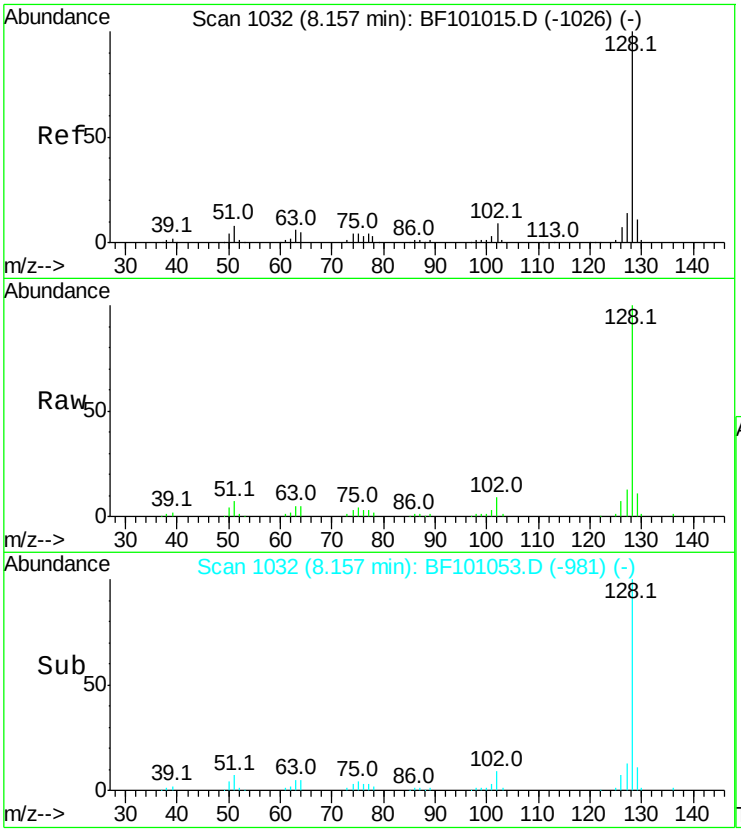


#25
Isophorone
Concen: 3.514 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Tgt Ion: 82 Resp: 18485

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



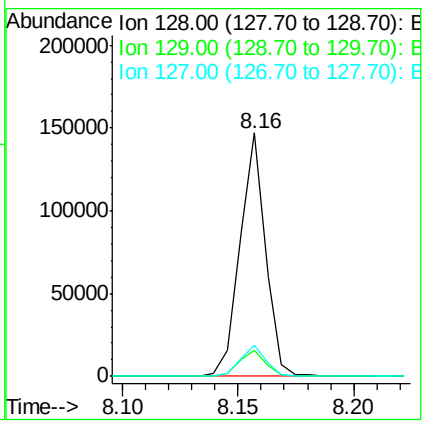


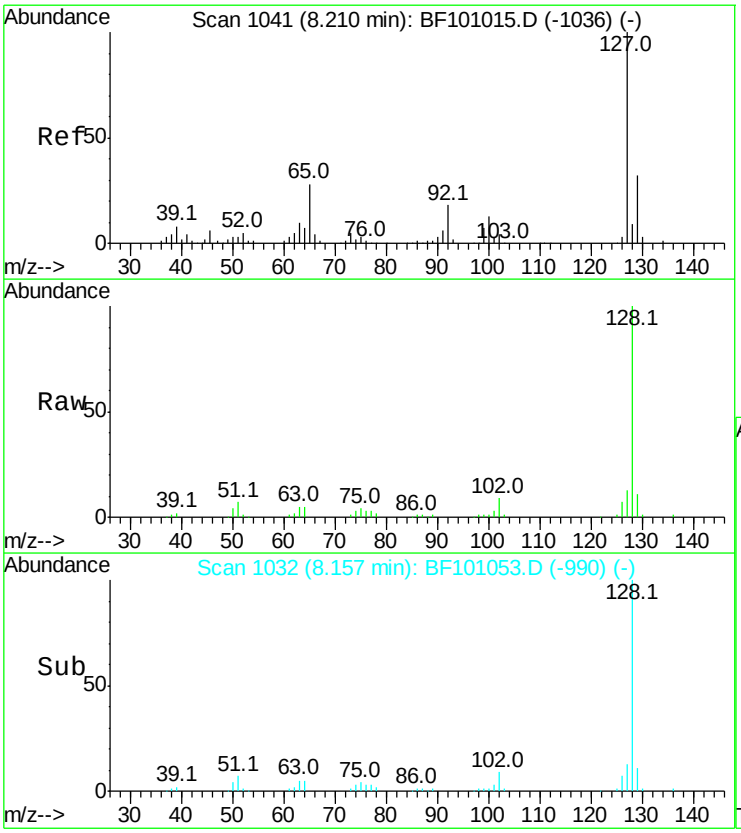
#31
Naphthalene
Concen: 12.589 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 113971

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	12.9	10.9	16.3

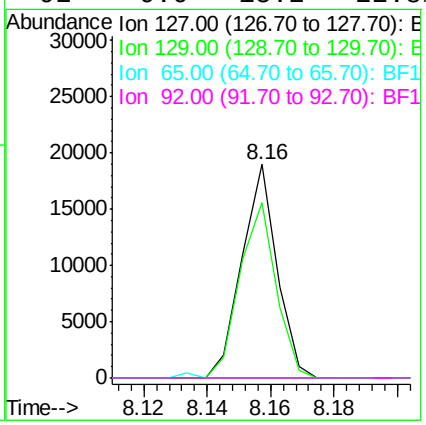


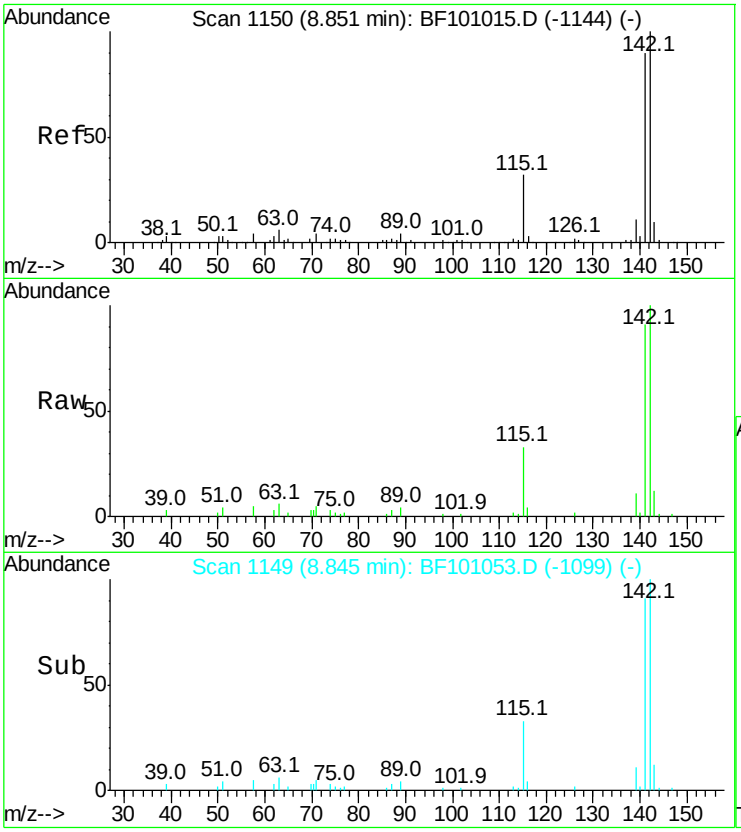


#33
4-Chloroaniline
Concen: 3.991 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Tgt Ion:127 Resp: 14519

Ion	Ratio	Lower	Upper
127	100		
129	82.4	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

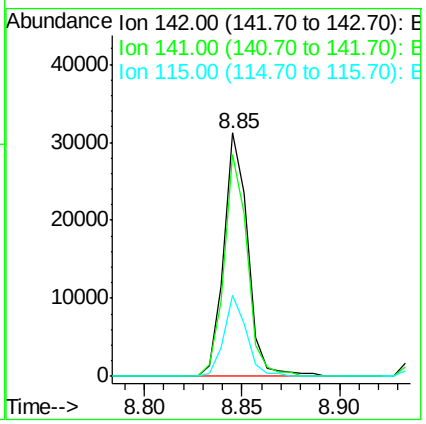




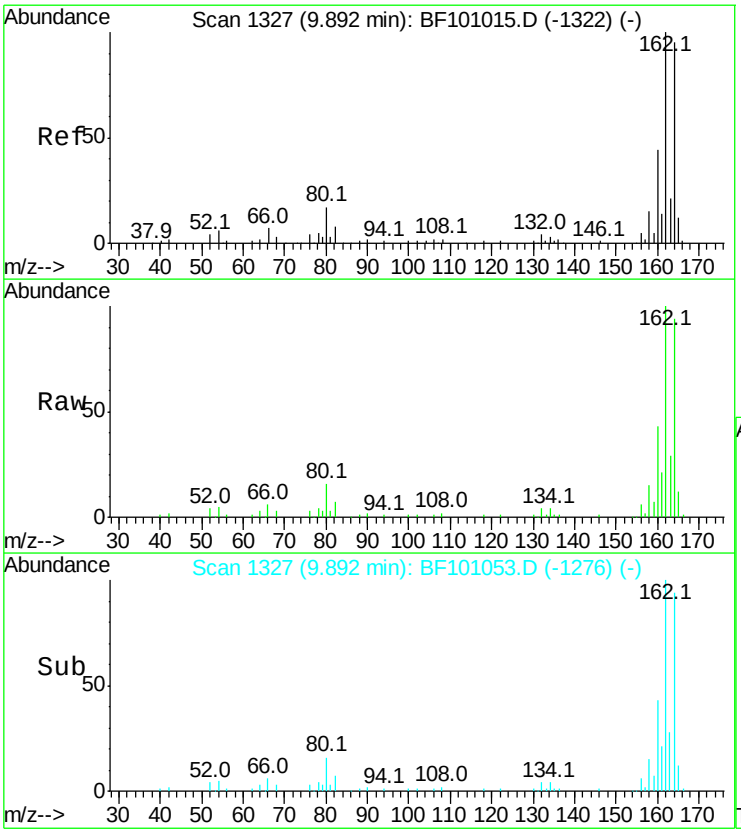
#37
2-Methylnaphthalene
Concen: 4.334 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Tgt Ion:142 Resp: 26663

Ion	Ratio	Lower	Upper
142	100		
141	91.3	70.8	106.2
115	33.4	26.1	39.1



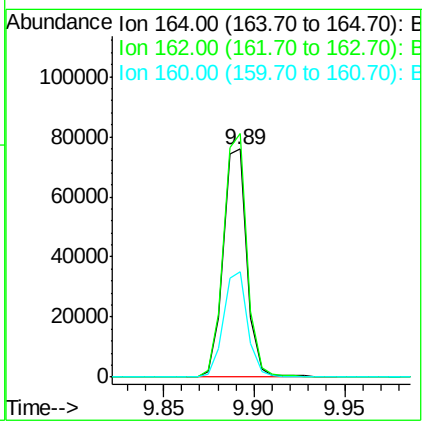
Instrument :
BNA_F
ClientSampleId :

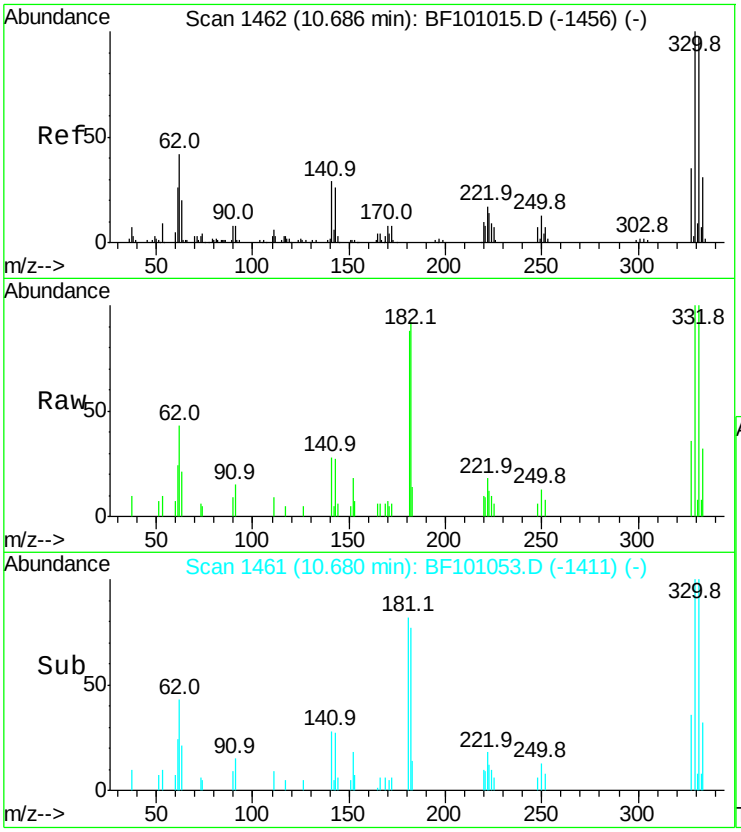


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Tgt Ion:164 Resp: 69397

Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.1	129.1
160	46.4	38.3	57.5



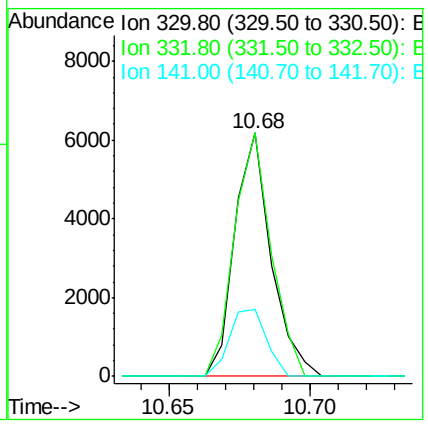


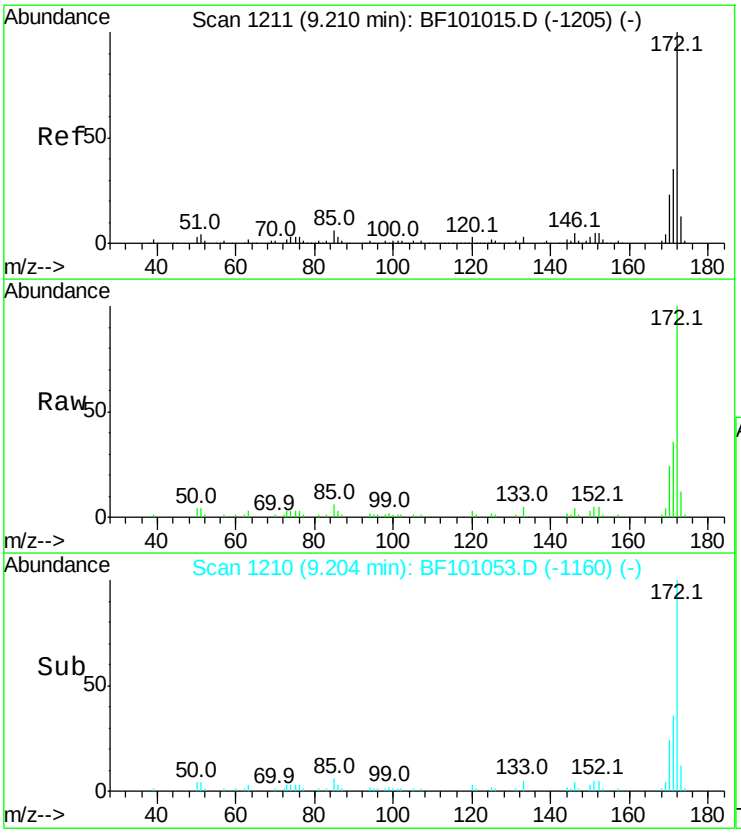
#41
2,4,6-Tribromophenol
Concen: 6.651 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 5545

Ion	Ratio	Lower	Upper
330	100		
332	100.5	77.0	115.6
141	28.2	29.9	44.9#

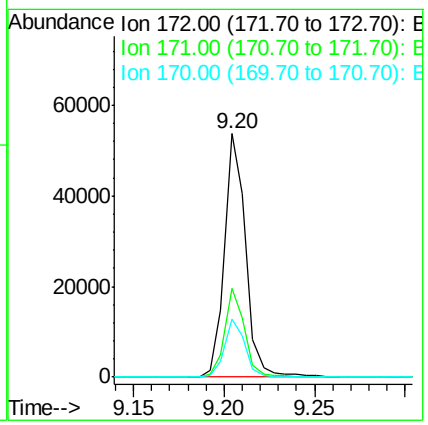


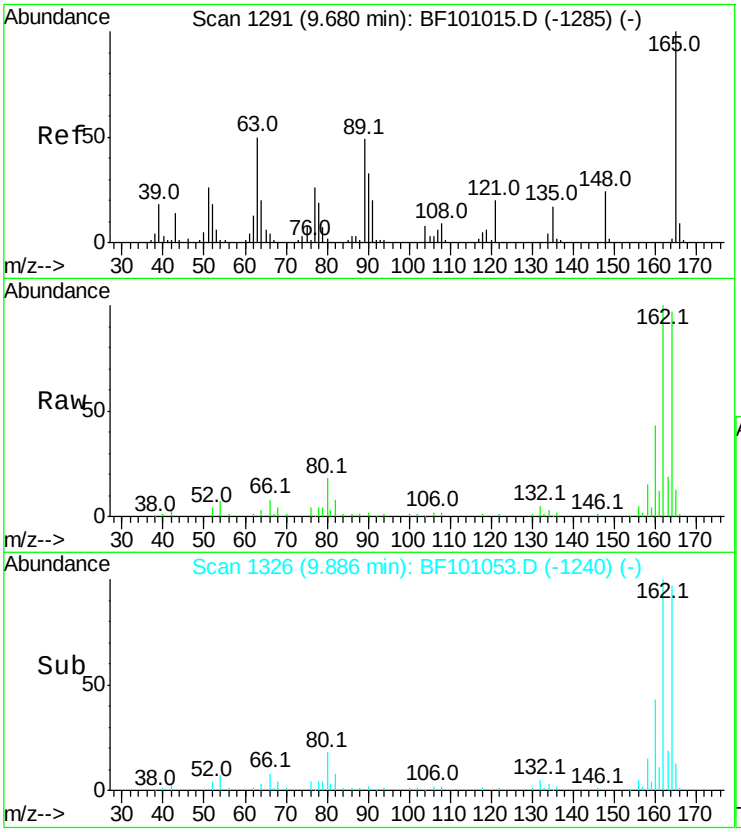


#44
2-Fluorobiphenyl
Concen: 8.591 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Tgt Ion:172 Resp: 43573

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.6	19.6	29.4



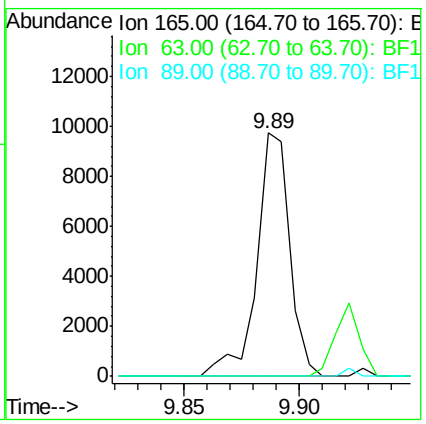


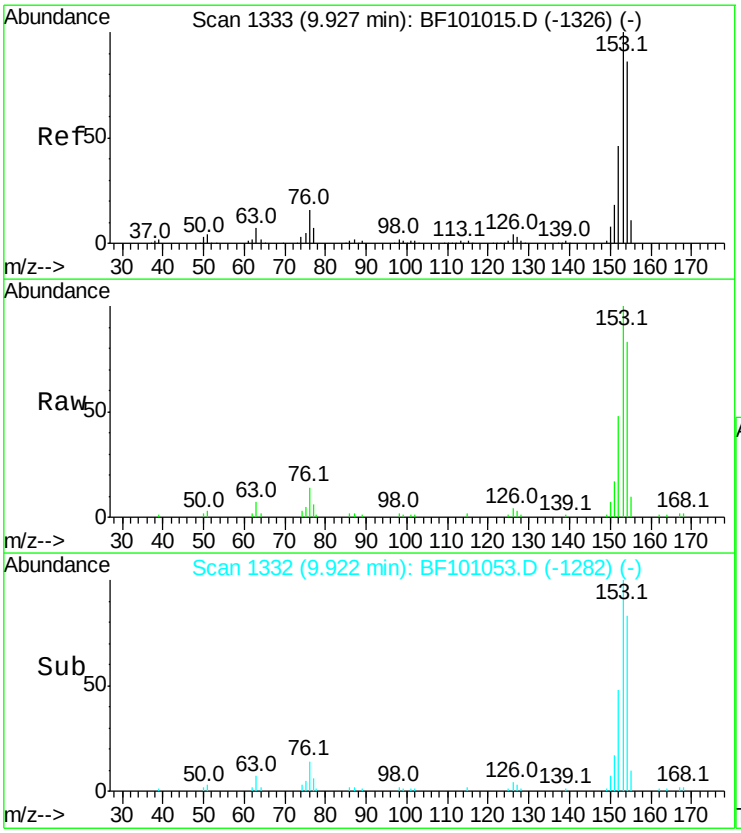
#50
2,6-Dinitrotoluene
Concen: 8.233 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 9705

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

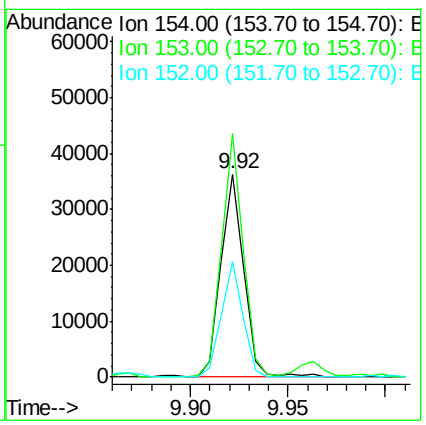


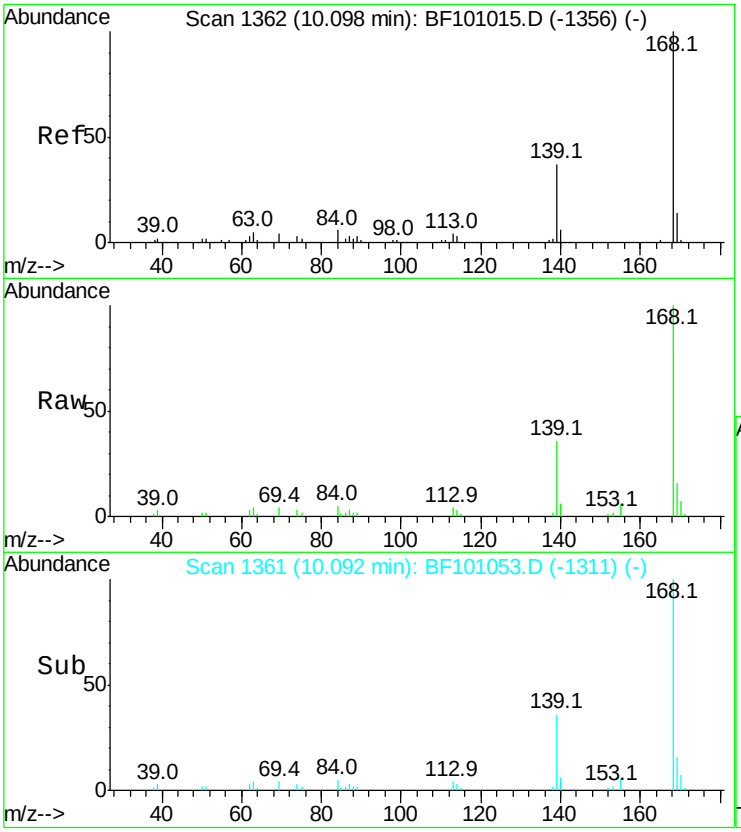


#51
Acenaphthene
Concen: 6.630 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Tgt Ion:154 Resp: 29460

Ion	Ratio	Lower	Upper
154	100		
153	120.1	91.2	136.8
152	57.1	43.8	65.8



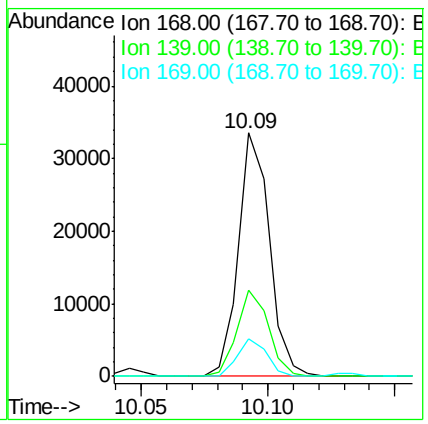


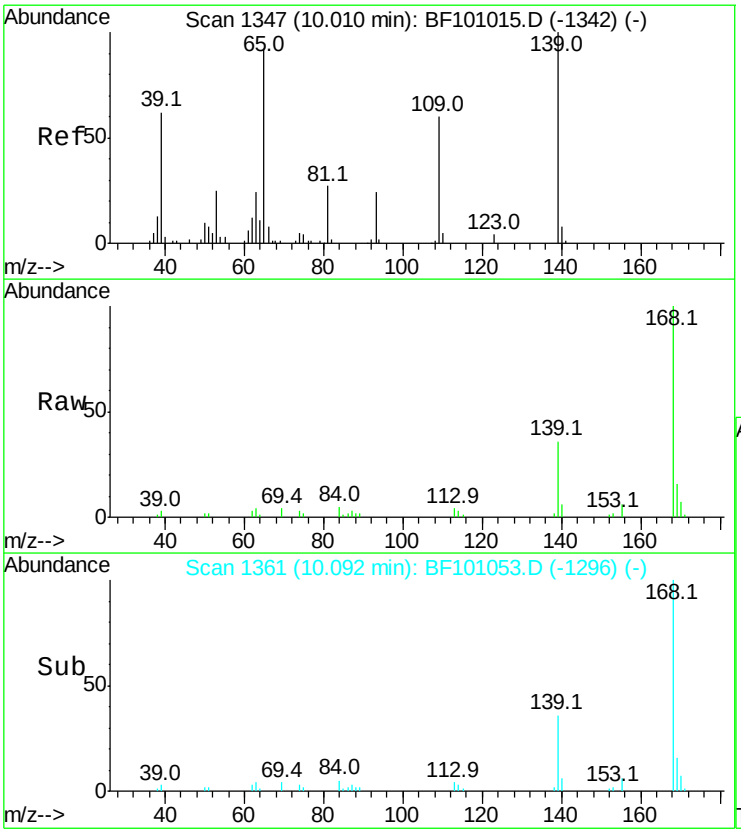
#54
Dibenzofuran
Concen: 4.442 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 28443

Ion	Ratio	Lower	Upper
168	100		
139	35.6	30.1	45.1
169	15.6	10.9	16.3

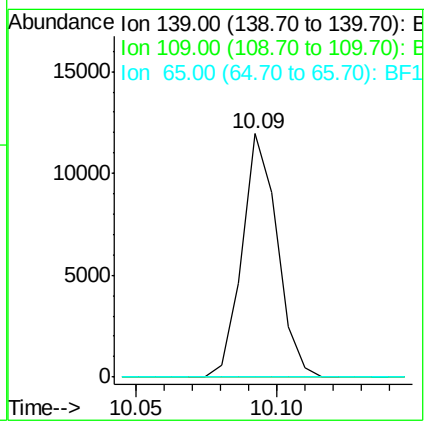


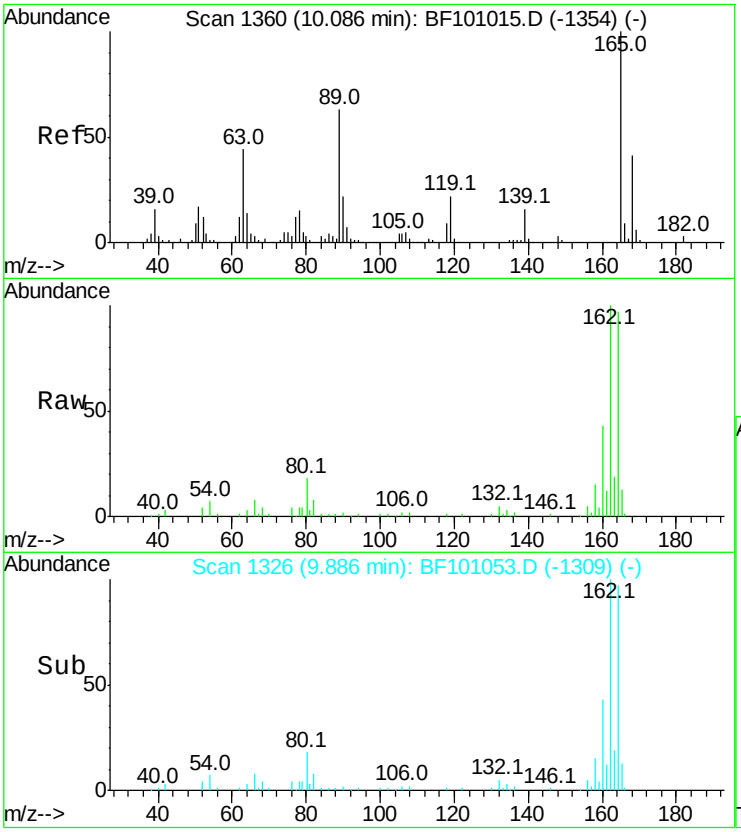


#55
4-Nitrophenol
Concen: 11.497 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.08 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Tgt Ion:139 Resp: 10278

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#



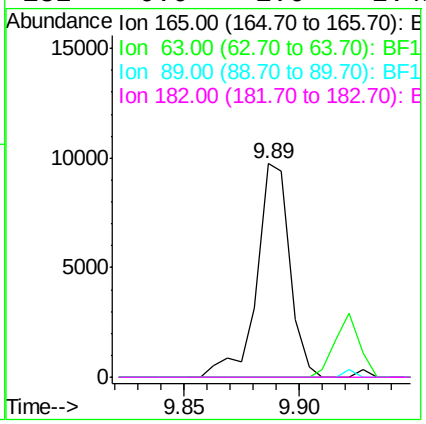


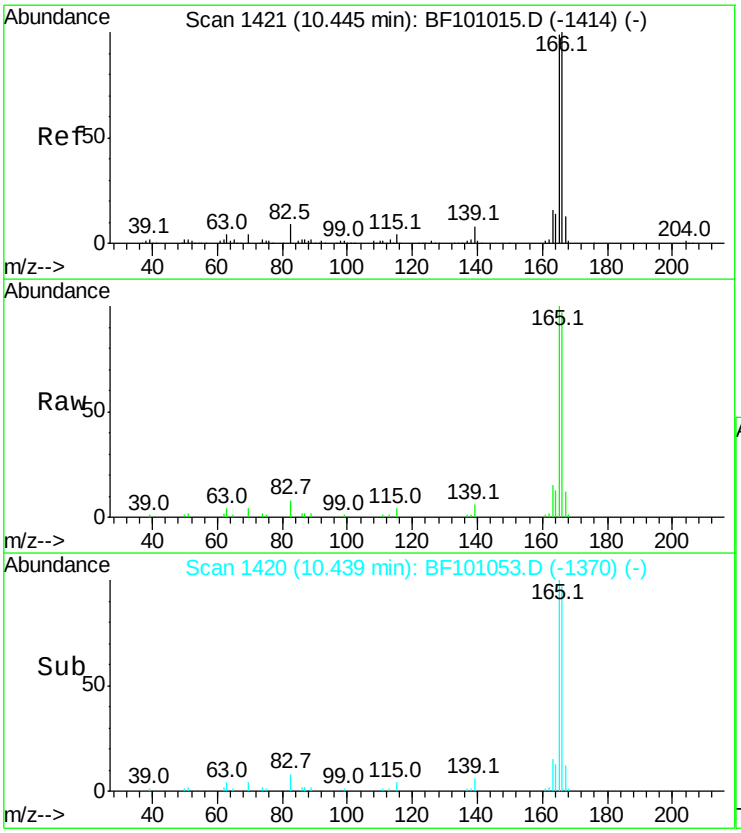
#56
2,4-Dinitrotoluene
Concen: 6.143 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 9705

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#

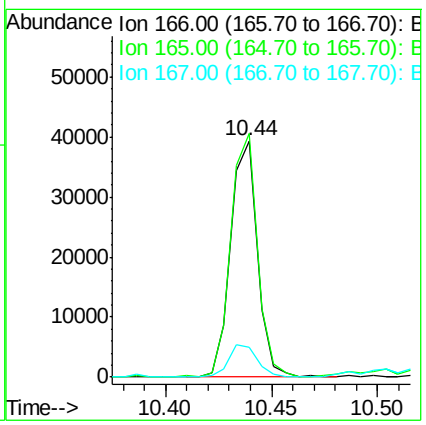


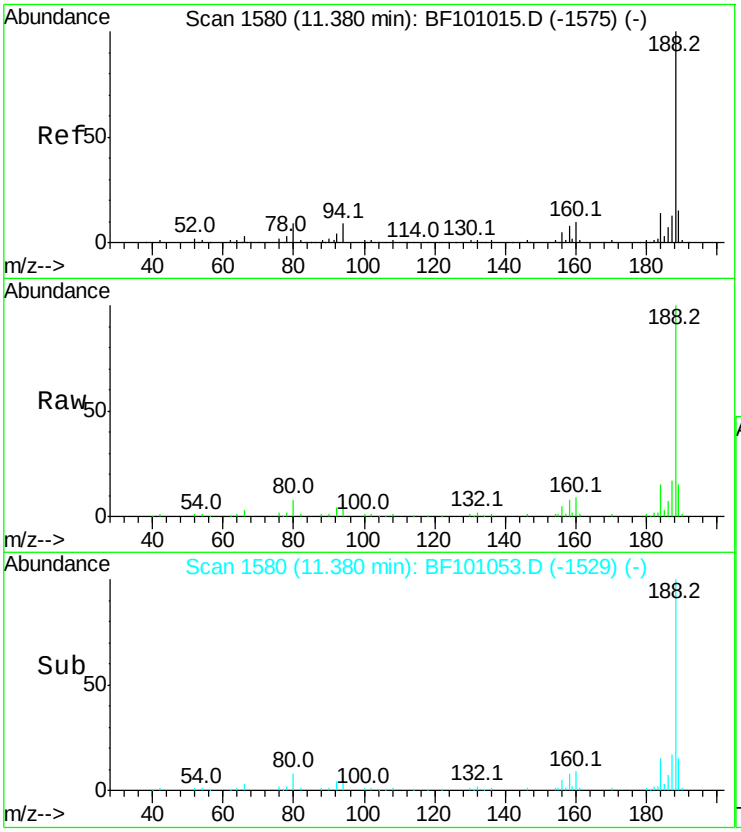


#57
Fluorene
Concen: 6.575 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Tgt Ion:166 Resp: 34226

Ion	Ratio	Lower	Upper
166	100		
165	103.0	79.8	119.8
167	12.6	10.6	16.0



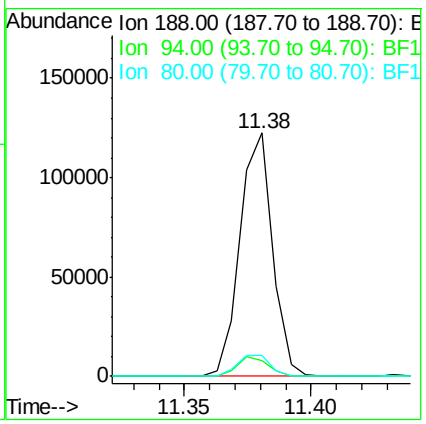


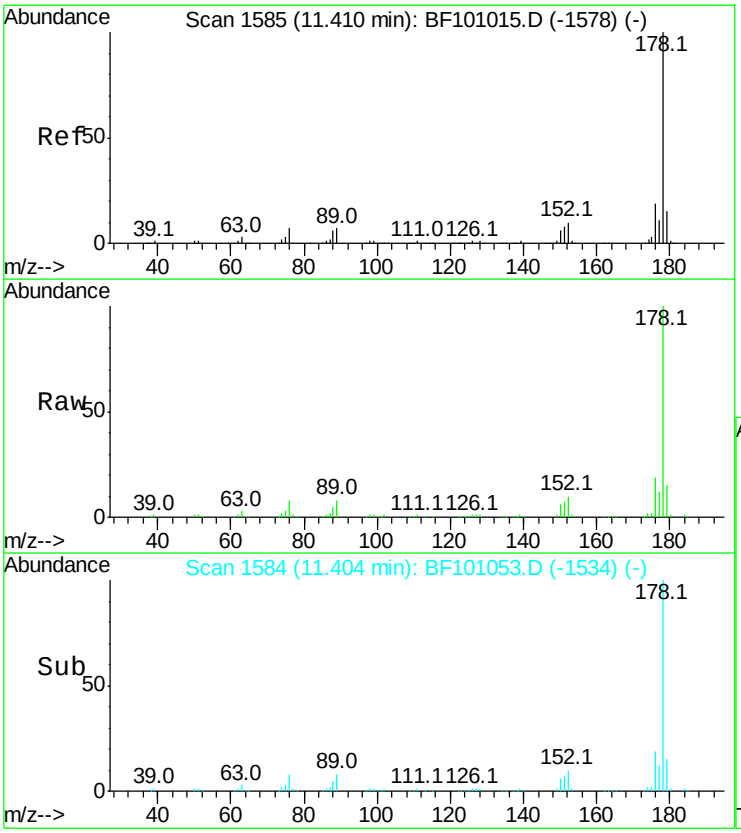
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 109037

Ion	Ratio	Lower	Upper
188	100		
94	6.7	8.5	12.7#
80	8.3	9.2	13.8#

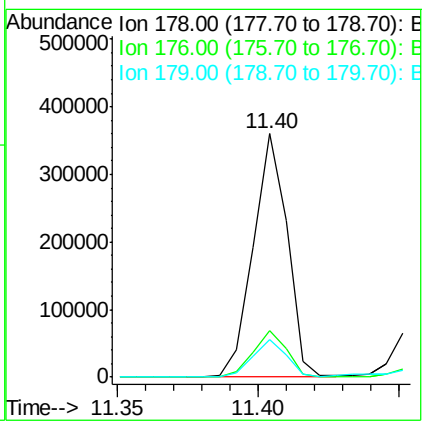


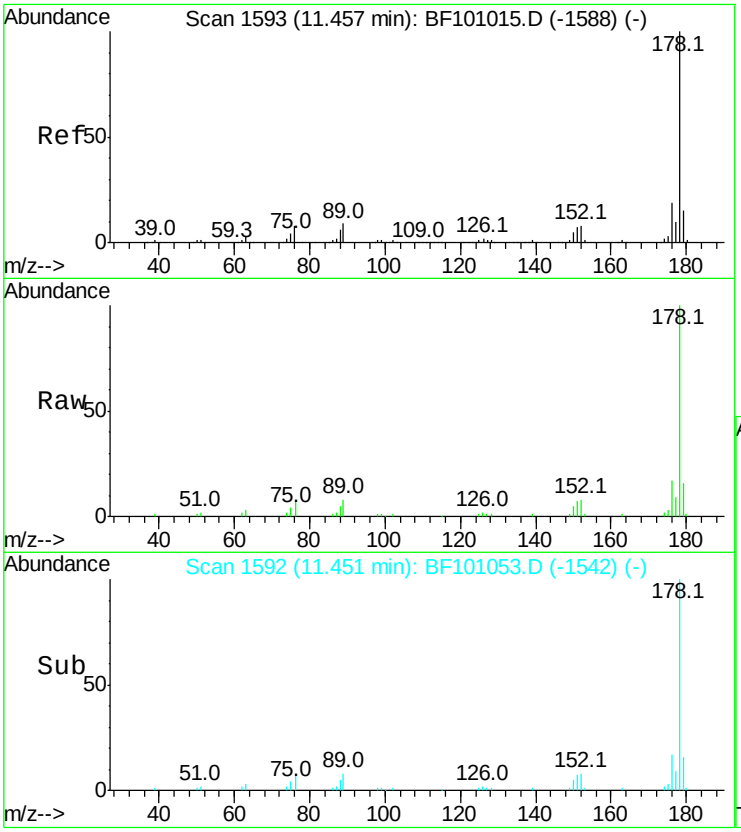


#70
Phenanthrene
Concen: 50.160 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Tgt Ion:178 Resp: 301192

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.4	13.0	19.6



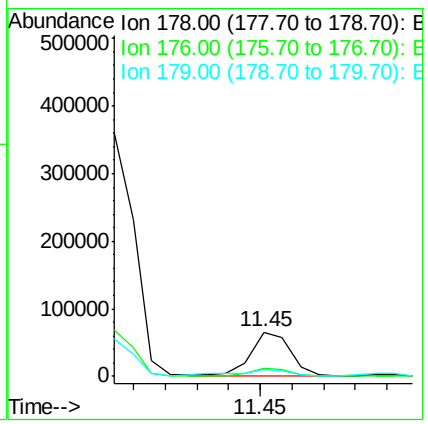


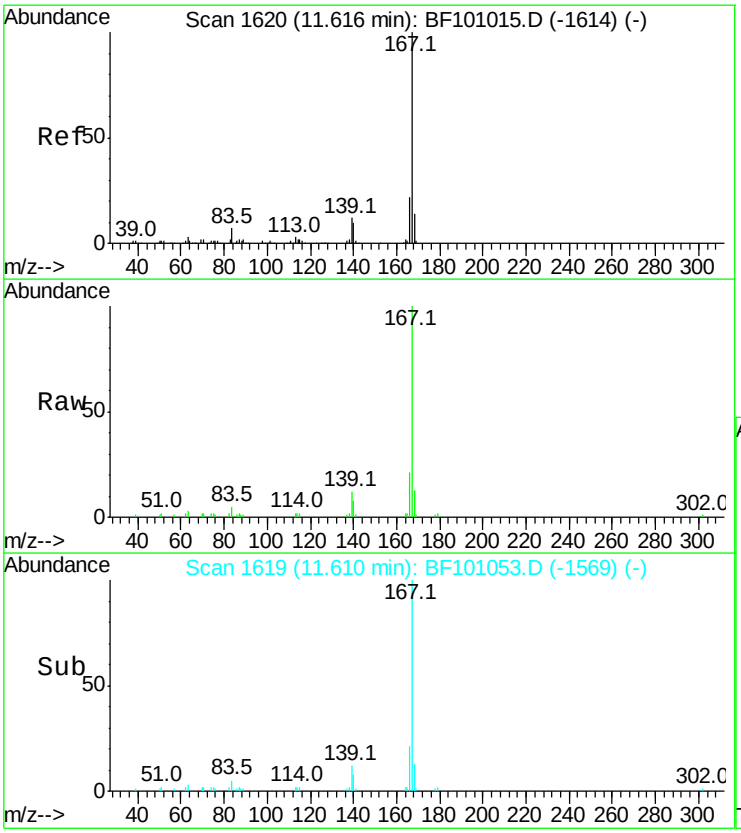
#71
Anthracene
Concen: 9.243 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 56170

Ion	Ratio	Lower	Upper
178	100		
176	17.0	15.4	23.2
179	15.9	12.6	19.0

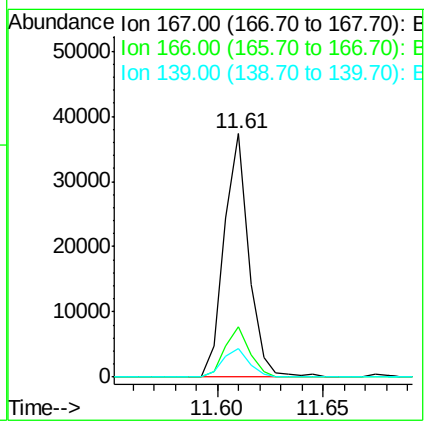


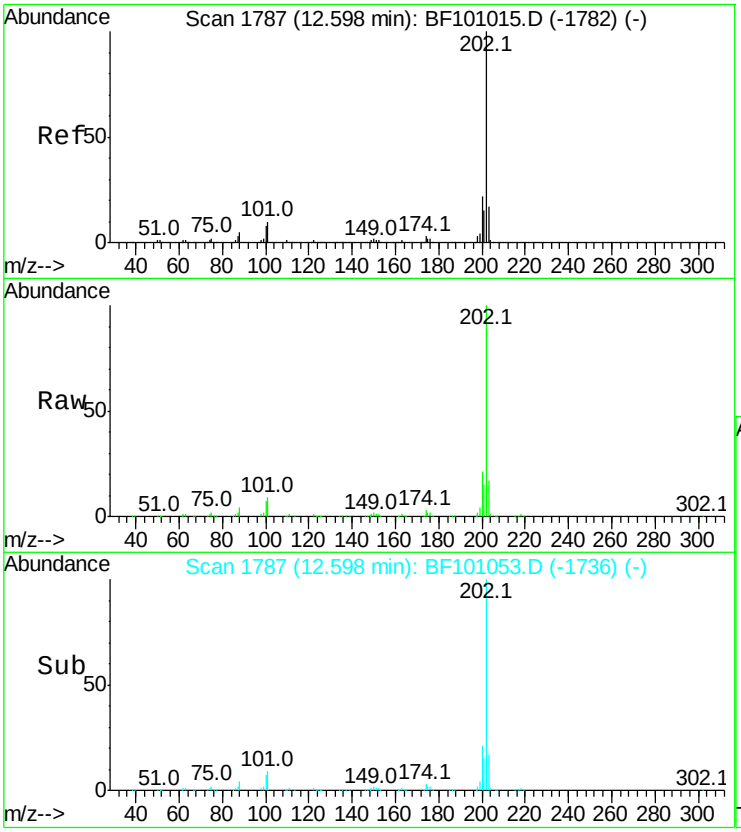


#72
Carbazole
Concen: 5.433 ng
RT: 11.61 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Tgt Ion:167 Resp: 30166

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.6	26.4
139	11.8	10.9	16.3



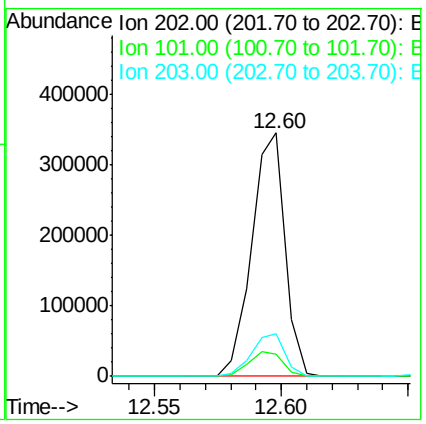


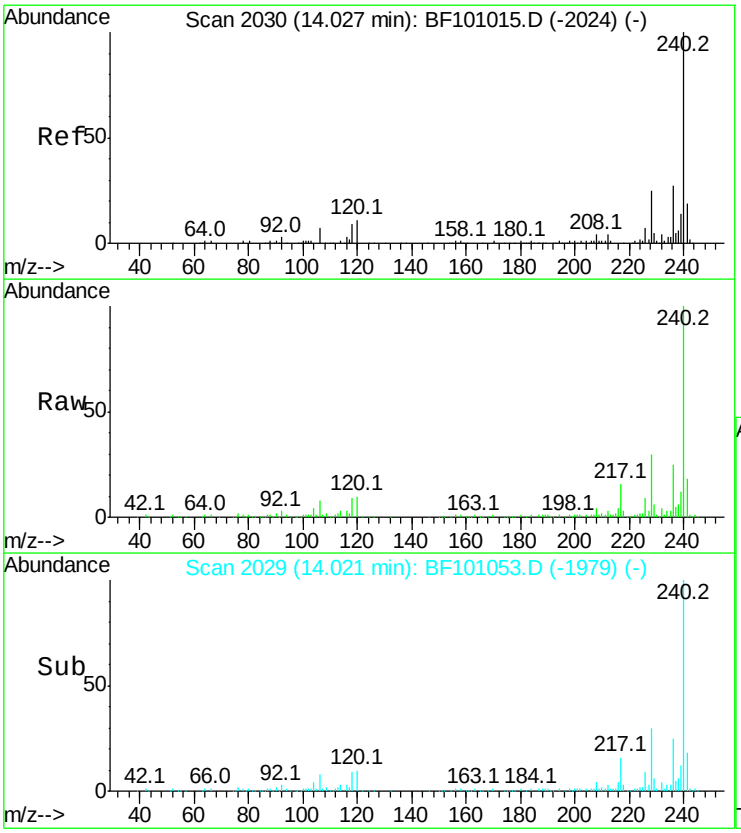
#74
Fluoranthene
Concen: 47.464 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 315922

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	34.1
203	17.4	0.0	38.1

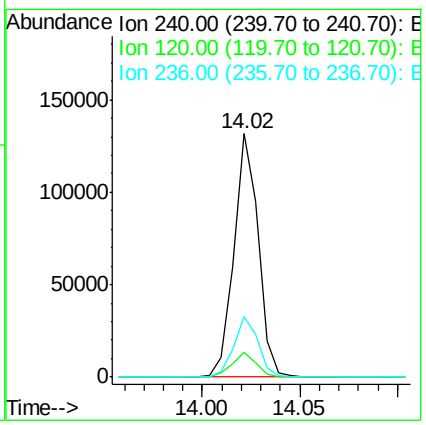


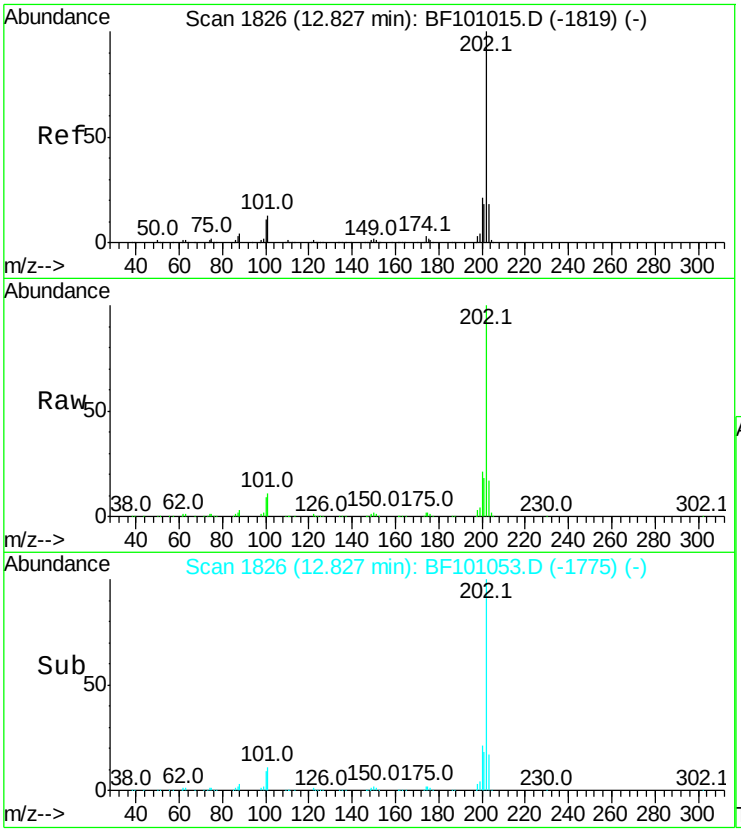


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Tgt Ion:240 Resp: 112962

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	24.7	20.7	31.1



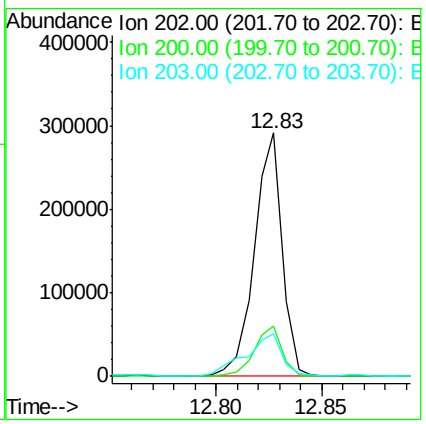


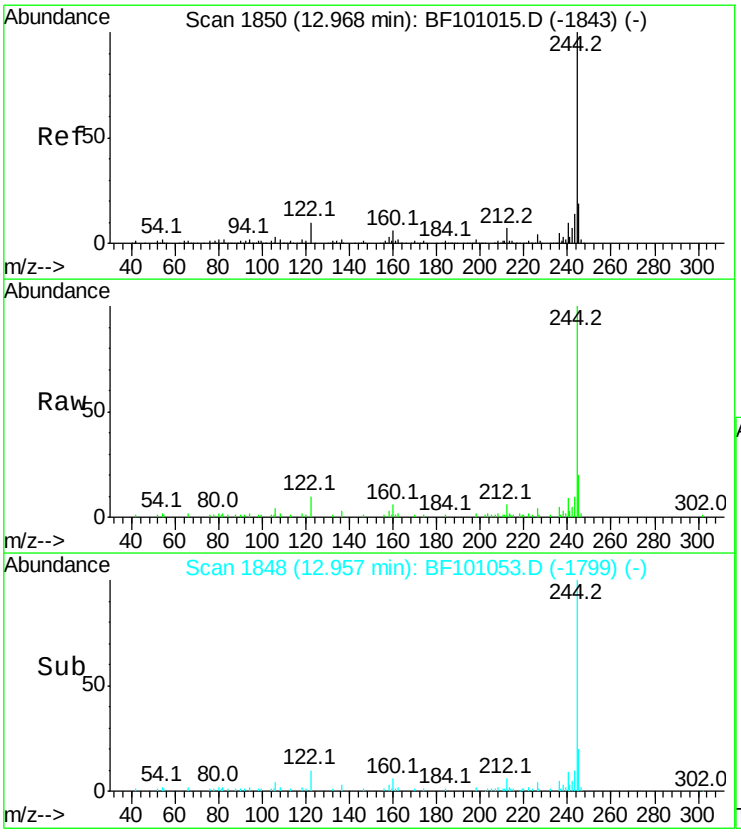
#77
Pyrene
Concen: 34.264 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 267075

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.4	14.3	21.5

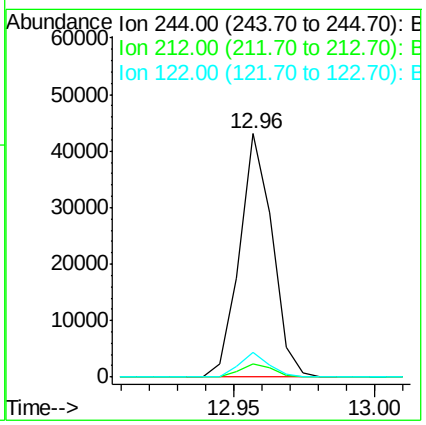


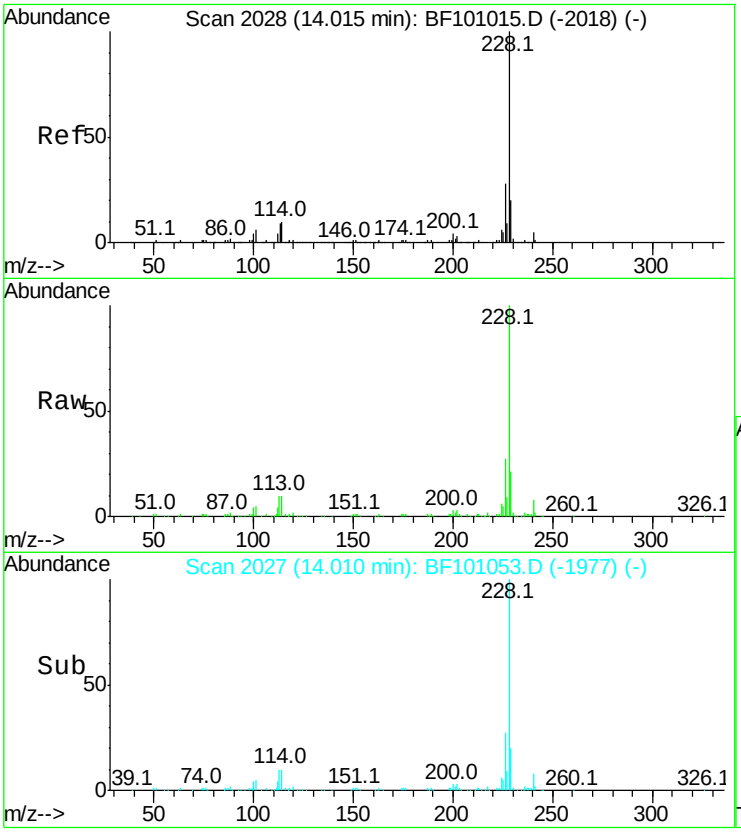


#78
Terphenyl-d14
Concen: 6.692 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Tgt Ion:244 Resp: 34563

Ion	Ratio	Lower	Upper
244	100		
212	5.6	5.4	8.0
122	10.3	11.0	16.4#



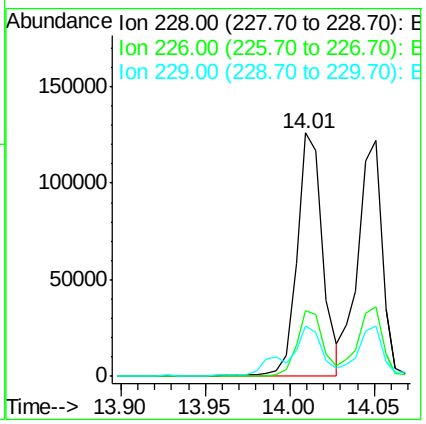


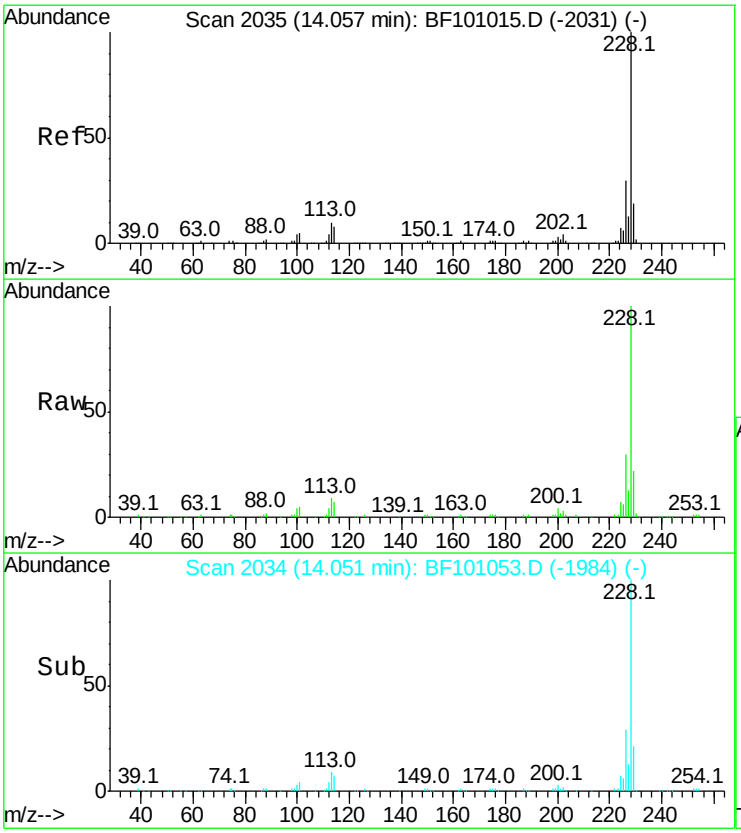
#80
Benzo(a)anthracene
Concen: 18.678 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 133213

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	20.7	15.8	23.6

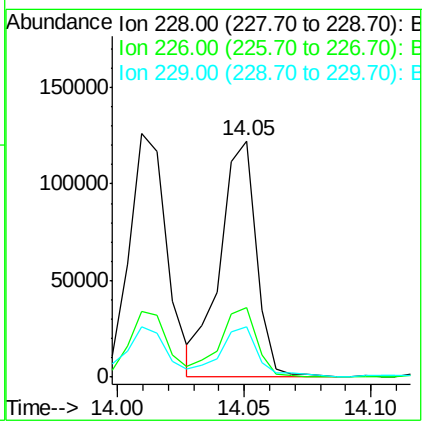


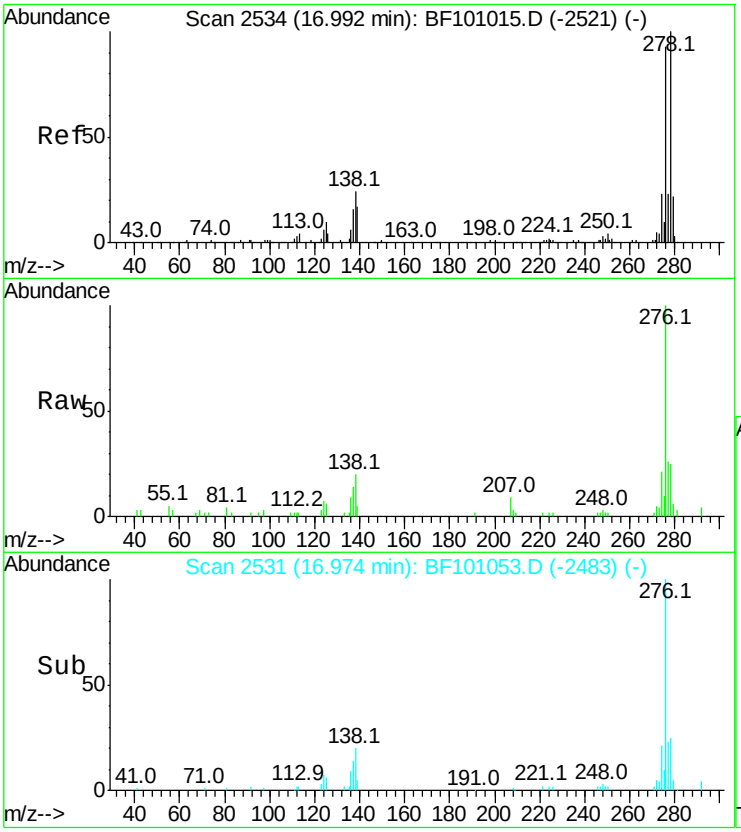


#82
Chrysene
Concen: 18.472 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Tgt Ion:228 Resp: 122353

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	21.5	16.2	24.4



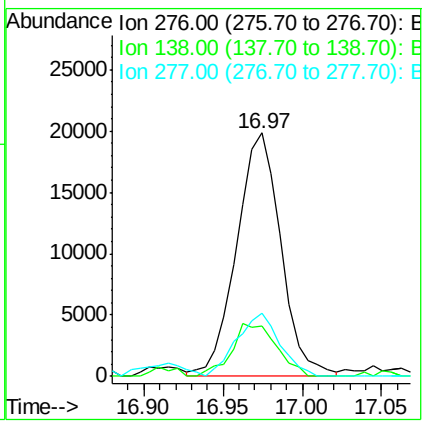


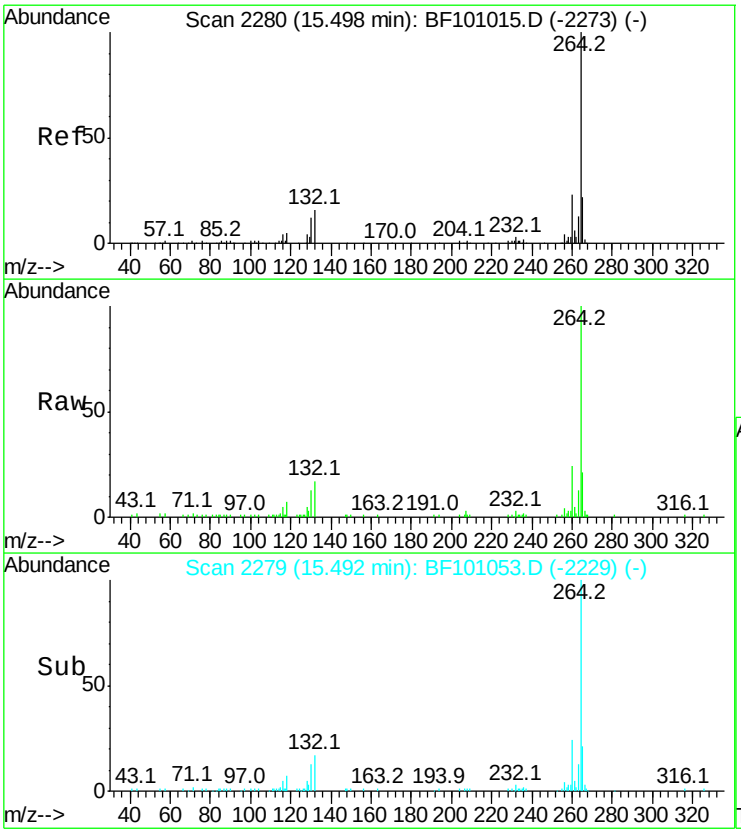
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.560 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.02 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 38632

Ion	Ratio	Lower	Upper
276	100		
138	21.8	25.0	37.6#
277	25.2	20.1	30.1

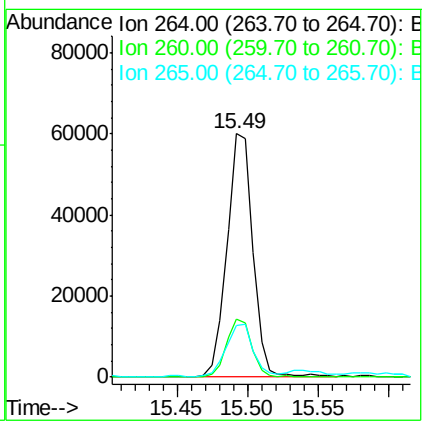


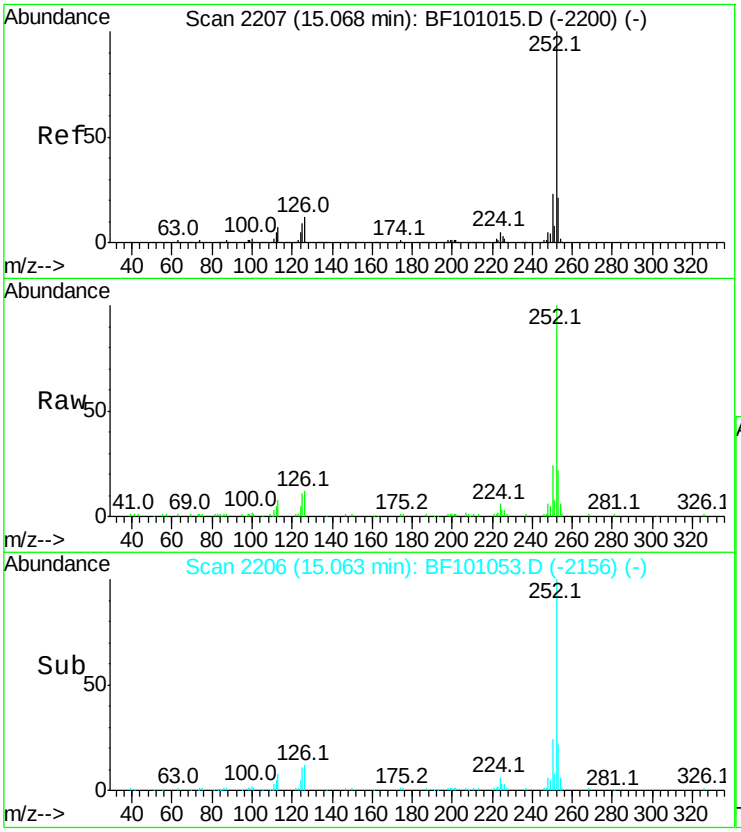


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Tgt Ion:264 Resp: 76958

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	17.5	26.3



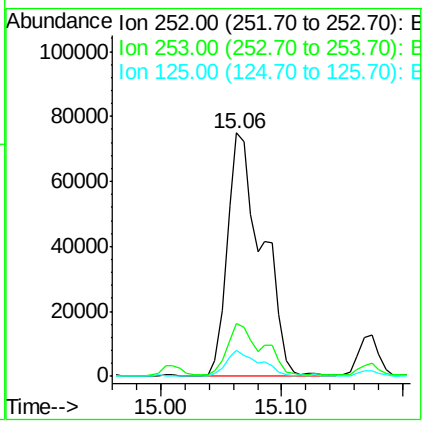


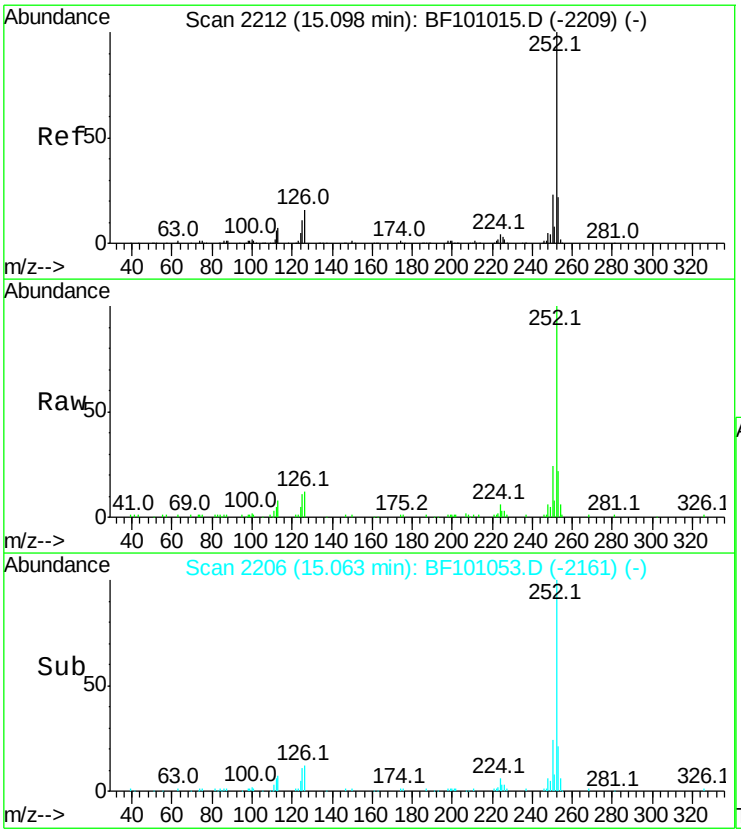
#87
Benzo(b)fluoranthene
Concen: 32.574 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 150151

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	10.6	9.0	13.6

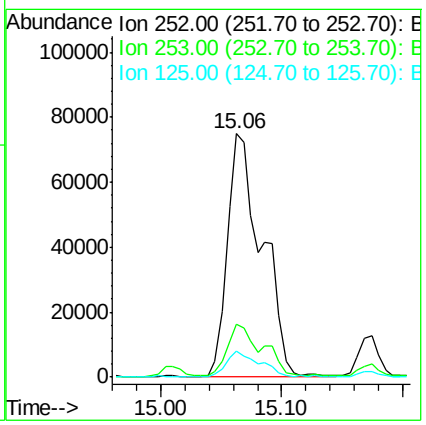


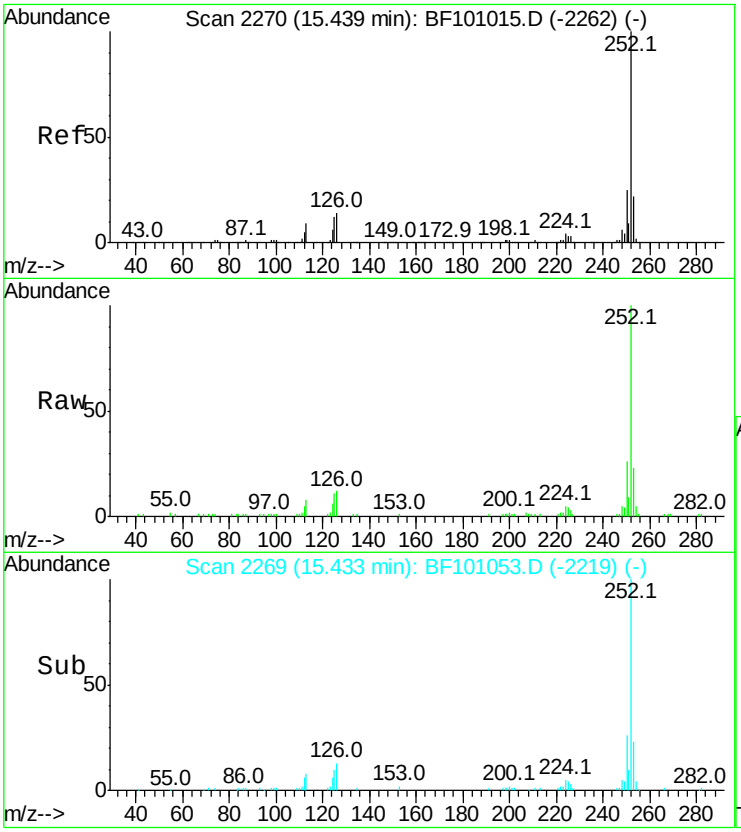


#88
Benzo(k)fluoranthene
Concen: 33.062 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Tgt Ion:252 Resp: 150151

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	10.6	10.2	15.2



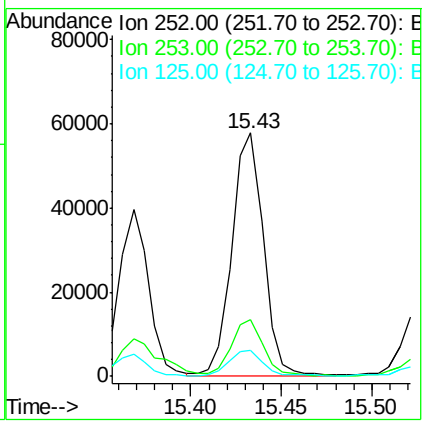


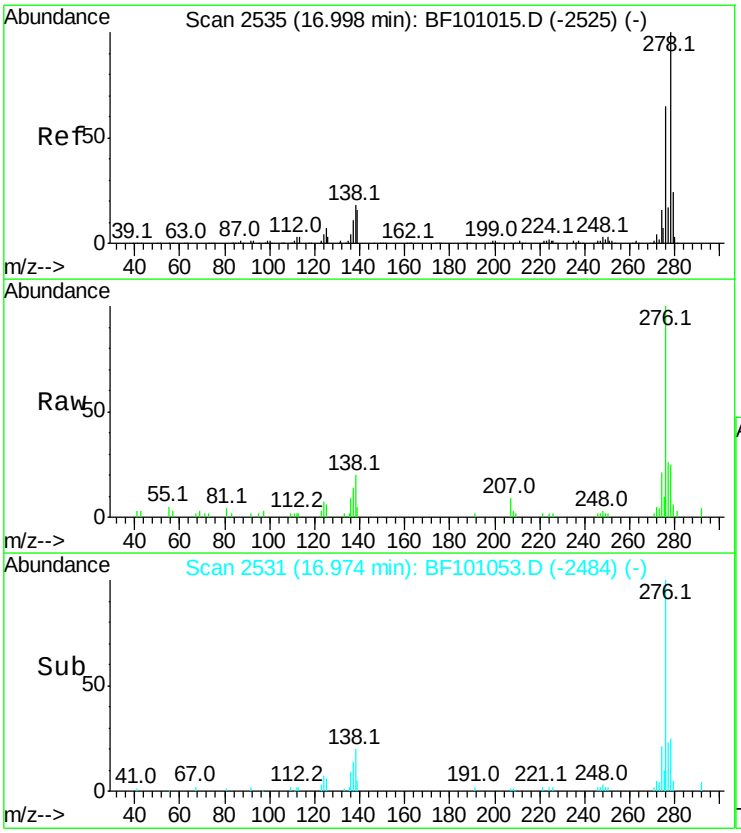
#89
Benzo(a)pyrene
Concen: 16.825 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 70508

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	10.5	9.8	14.6

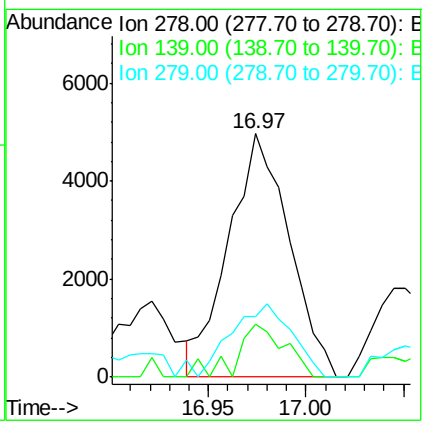


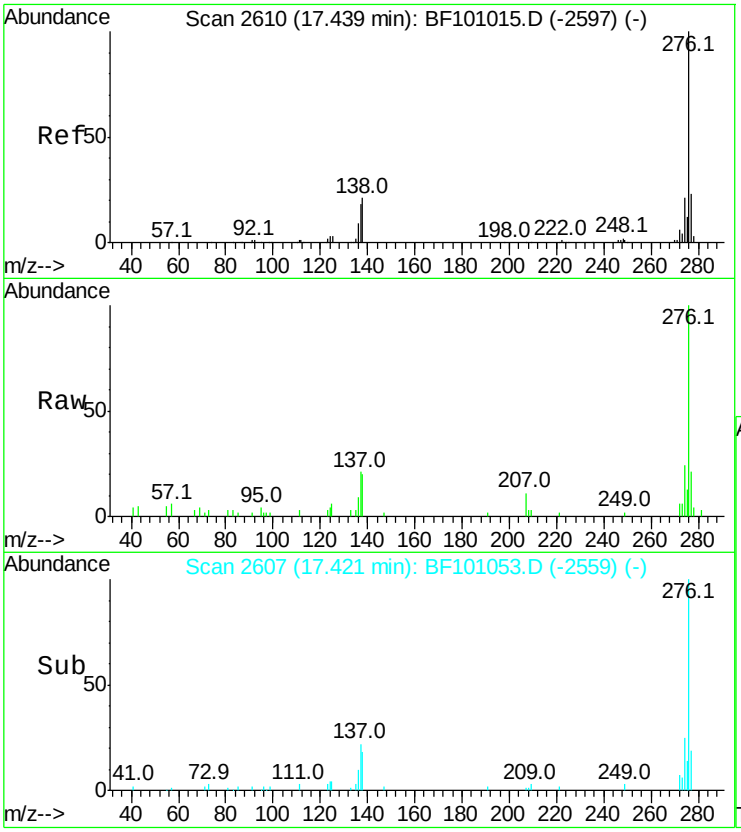


#90
Dibenzo(a,h)anthracene
Concen: 2.884 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.02 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Tgt Ion:278 Resp: 10655

Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.9	23.9
279	24.8	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 9.963 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.02 min
Lab File: BF101053.D
Acq: 1 Dec 2017 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 34690

Ion	Ratio	Lower	Upper
276	100		
277	21.3	17.9	26.9
138	20.2	21.8	32.8#