Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF101007.D
Acq On : 30 Nov 2017 5:42
Operator : SJ/JU
Sample : I6579-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 30 08:12:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	56513	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	195967	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	73711	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	121833	20.00	ng		0.00
75) Chrysene-d12	14.02	240	127666	20.00	ng		0.00
86) Perylene-d12	15.50	264	108533	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	356945	101.25	ng		0.00
7) Phenol-d6	6.49	99	420877	96.81	ng		0.00
23) Nitrobenzene-d5	7.42	82	240111	81.01	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	77961	103.79	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	444931	91.91	ng		0.00
78) Terphenyl-d14	12.96	244	367619	66.16	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.63	77	7241	2.332	ng		91
10) Phenol	6.50	94	9662	2.117	ng		90
19) n-Nitroso-di-n-propylamine	7.42	70	31931	10.591	ng	#	79
25) Isophorone	7.42	82	240109	38.548	ng	#	64
47) 2-Nitroaniline	9.21	65	517	3.140	ng	#	7
49) Dimethylphthalate	9.60	163	14810	2.632	ng		97
50) 2,6-Dinitrotoluene	9.89	165	9328	8.373	ng	#	26
56) 2,4-Dinitrotoluene	9.89	165	9328	6.637	ng	#	24
62) Azobenzene	10.60	77	27921	5.264	ng	#	1
66) 4-Bromophenyl-phenylether	10.68	248	5374	4.115	ng	#	1
70) Phenanthrene	11.40	178	55473	8.648	ng		97
74) Fluoranthene	12.59	202	108175	15.912	ng		93
77) Pyrene	12.82	202	109116	11.990	ng		98
80) Benzo(a)anthracene	14.01	228	54497	7.089	ng		99
82) Chrysene	14.04	228	49179	6.606	ng		98
85) Indeno(1,2,3-cd)pyrene	16.97	276	22549	3.745	ng		94
87) Benzo(b)fluoranthene	15.06	252	75710	11.774	ng		99
88) Benzo(k)fluoranthene	15.06	252	75710	12.462	ng		98
89) Benzo(a)pyrene	15.43	252	41015	7.195	ng		95
91) Benzo(g,h,i)perylene	17.42	276	24636	5.399	ng		94

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

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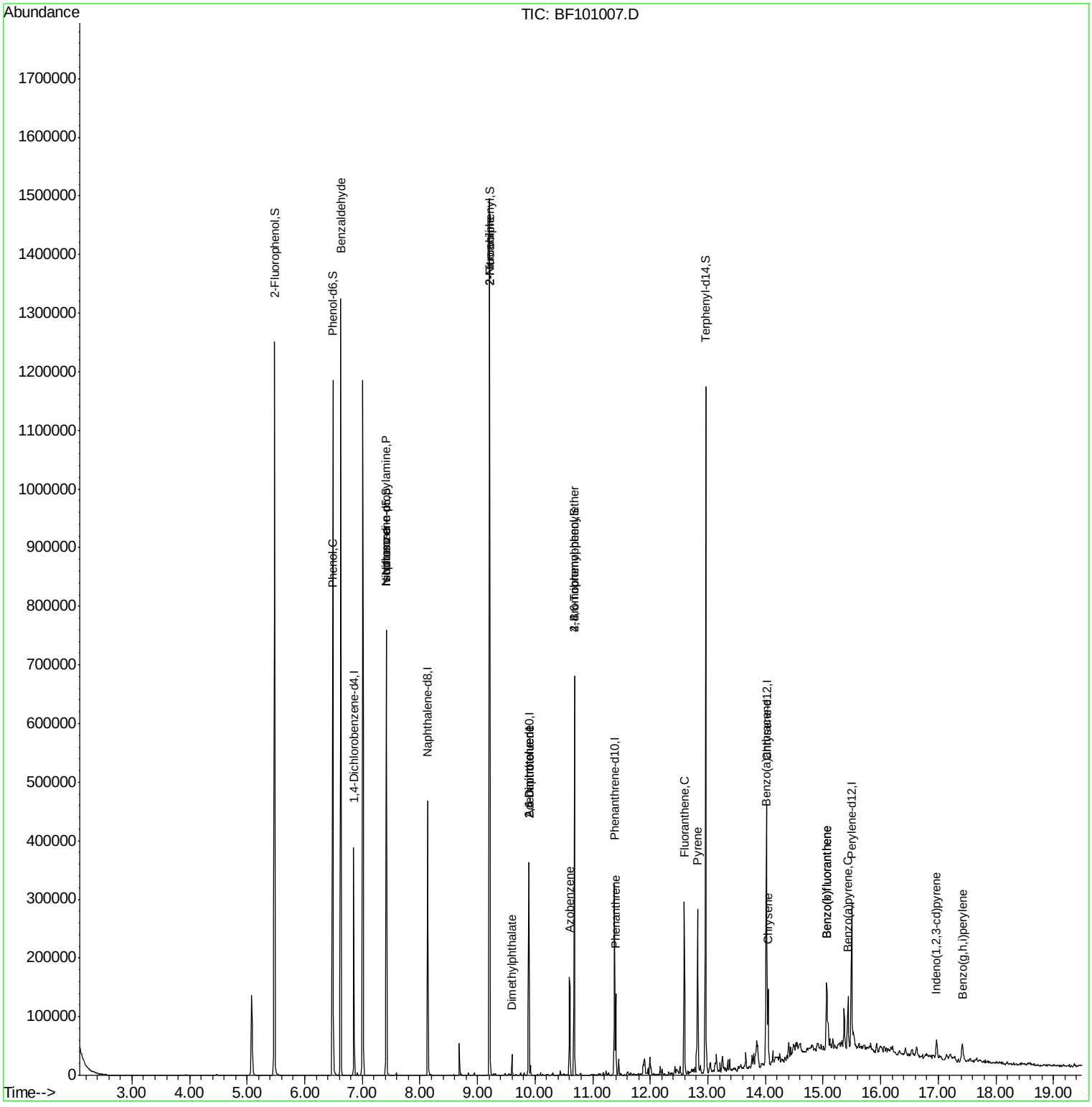
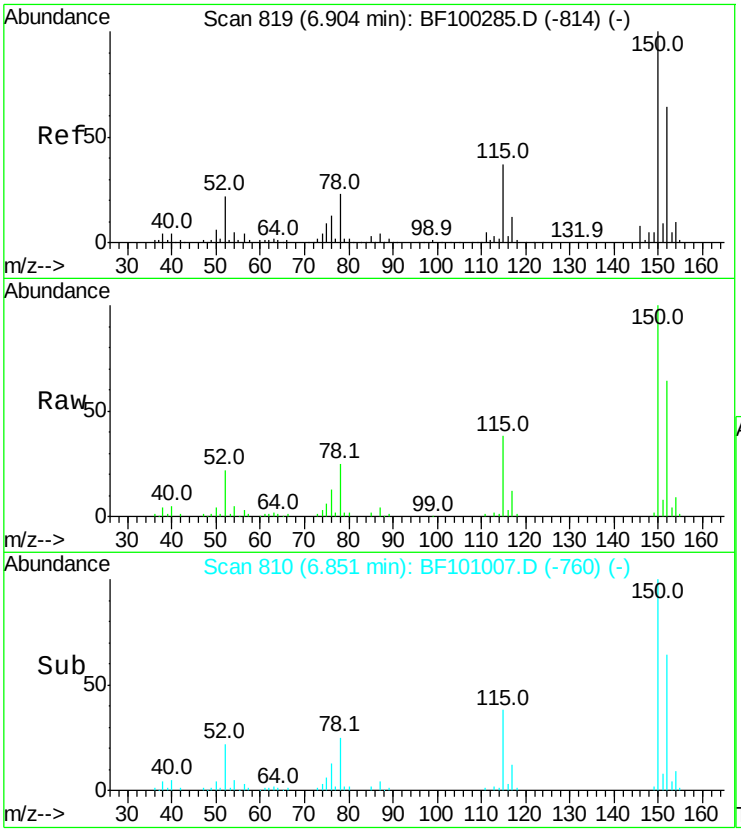


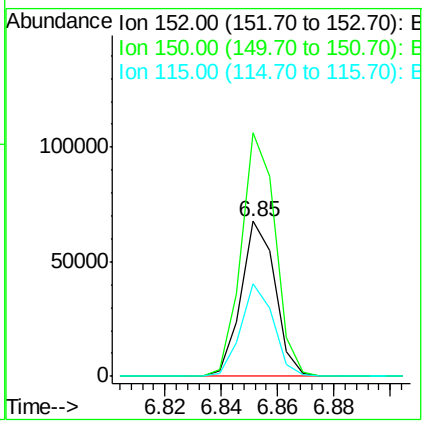


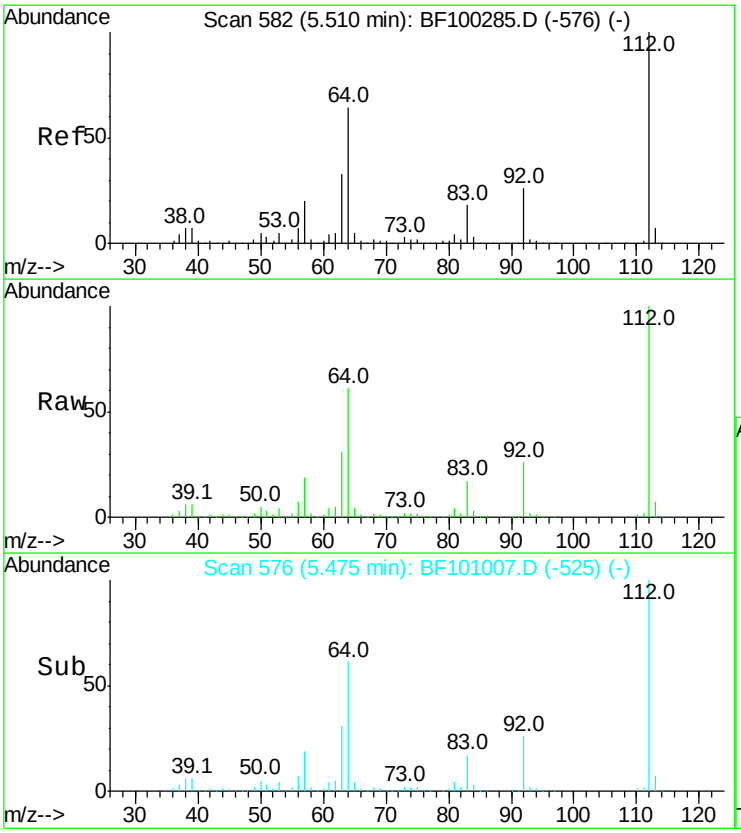
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 56513

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	59.8	50.1	75.1

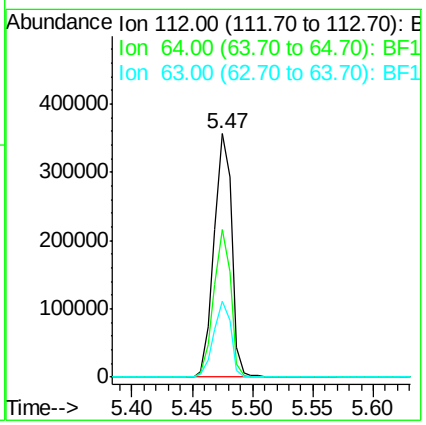


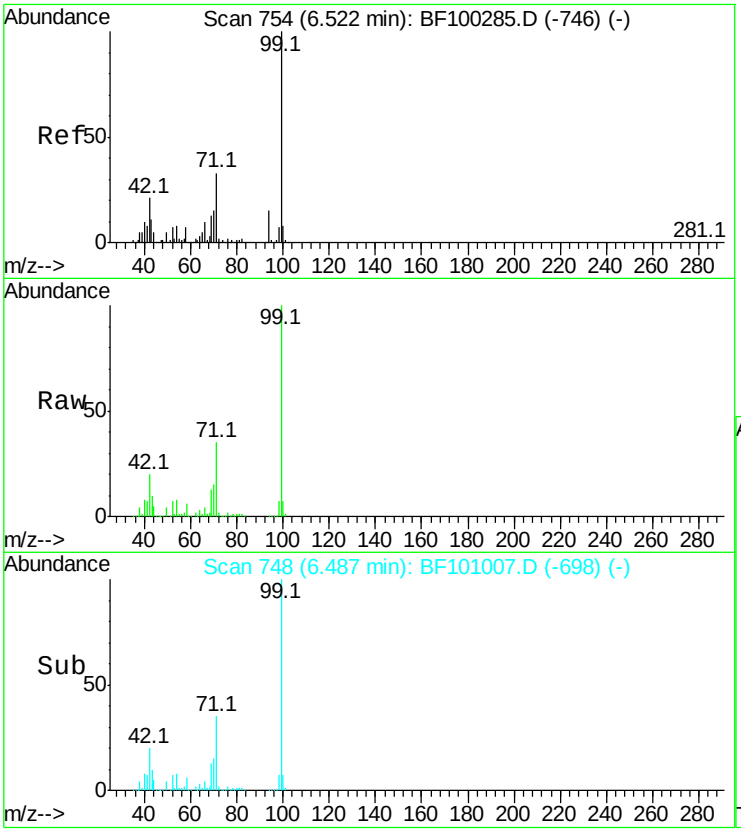


#5
2-Fluorophenol
Concen: 101.247 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Tgt Ion:112 Resp: 356945

Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	31.3	23.7	35.5



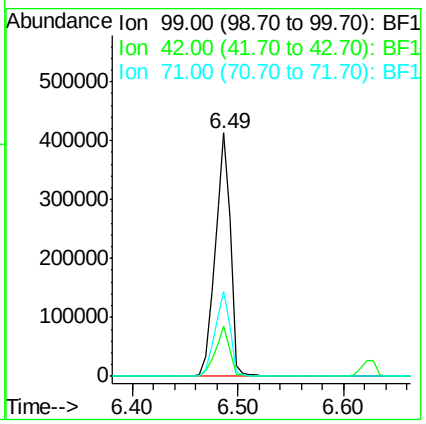


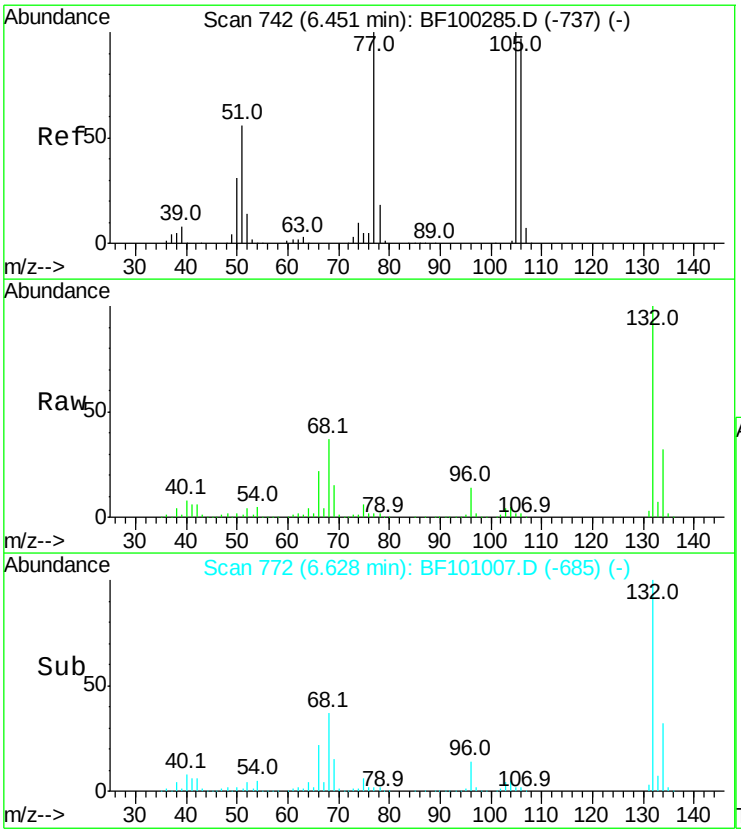
#7
Phenol-d6
Concen: 96.812 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 420877

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	34.7	25.4	38.0

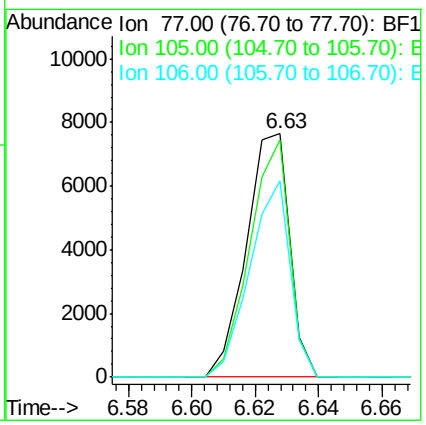


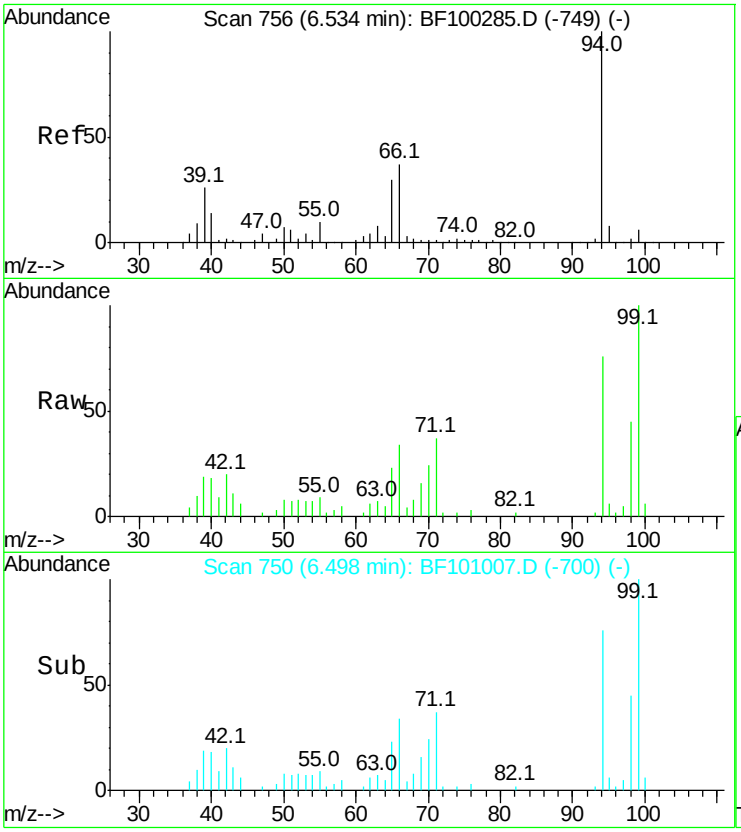


#9
Benzaldehyde
Concen: 2.332 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.21 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Tgt Ion: 77 Resp: 7241

Ion	Ratio	Lower	Upper
77	100		
105	97.2	81.1	121.1
106	80.4	74.5	114.5



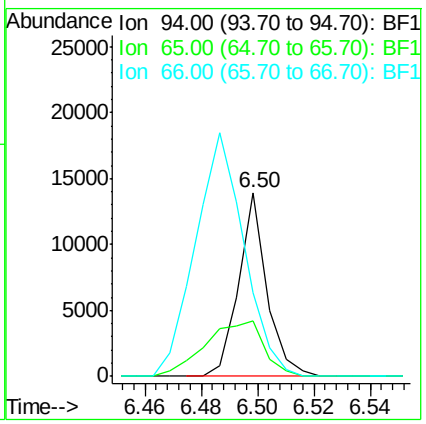


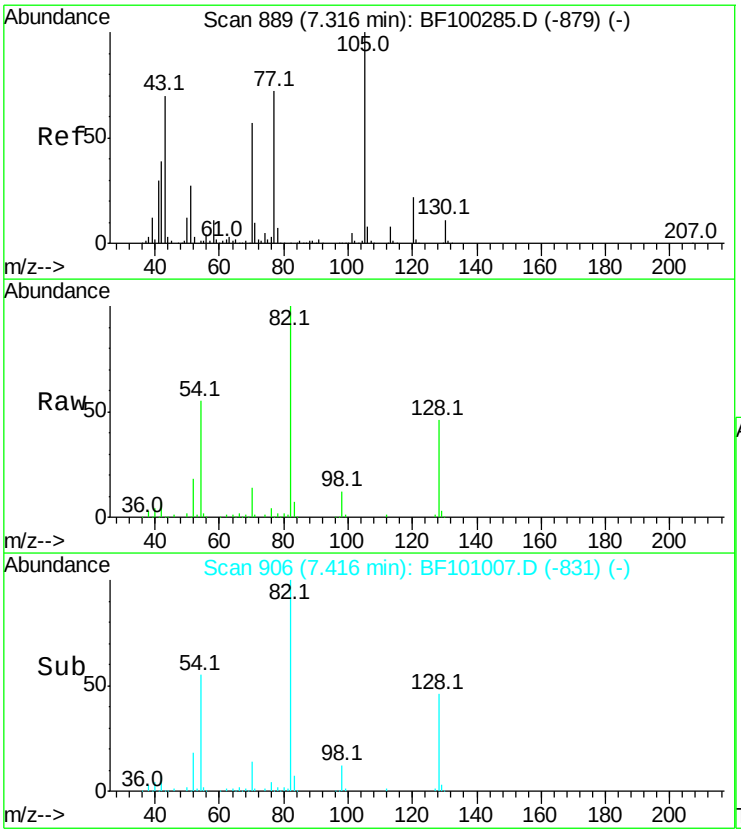
#10
Phenol
Concen: 2.117 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 9662

Ion	Ratio	Lower	Upper
94	100		
65	29.9	7.9	47.9
66	45.1	16.2	56.2

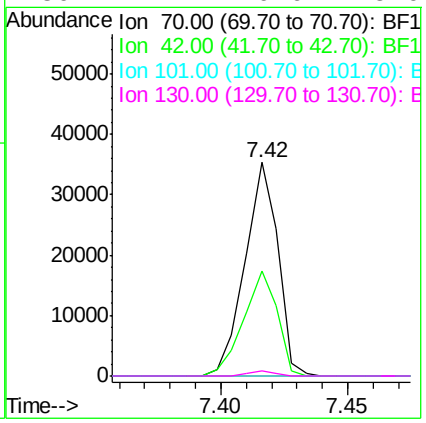


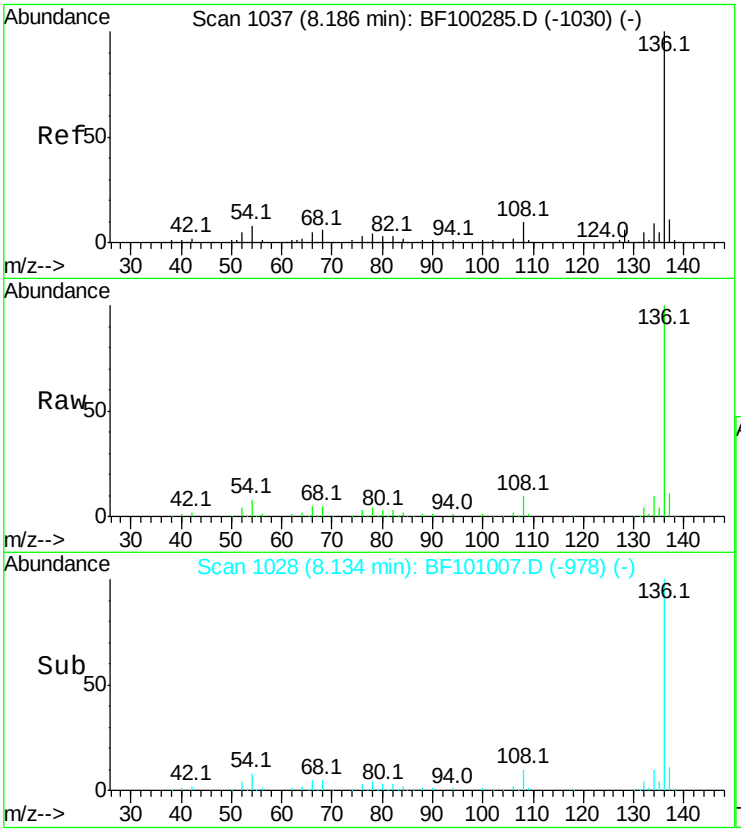


#19
n-Nitroso-di-n-propylamine
Concen: 10.591 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Tgt Ion: 70 Resp: 31931

Ion	Ratio	Lower	Upper
70	100		
42	48.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



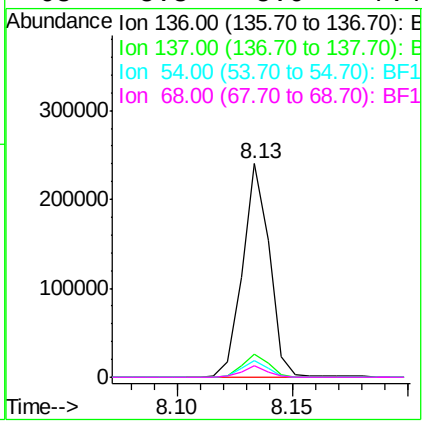


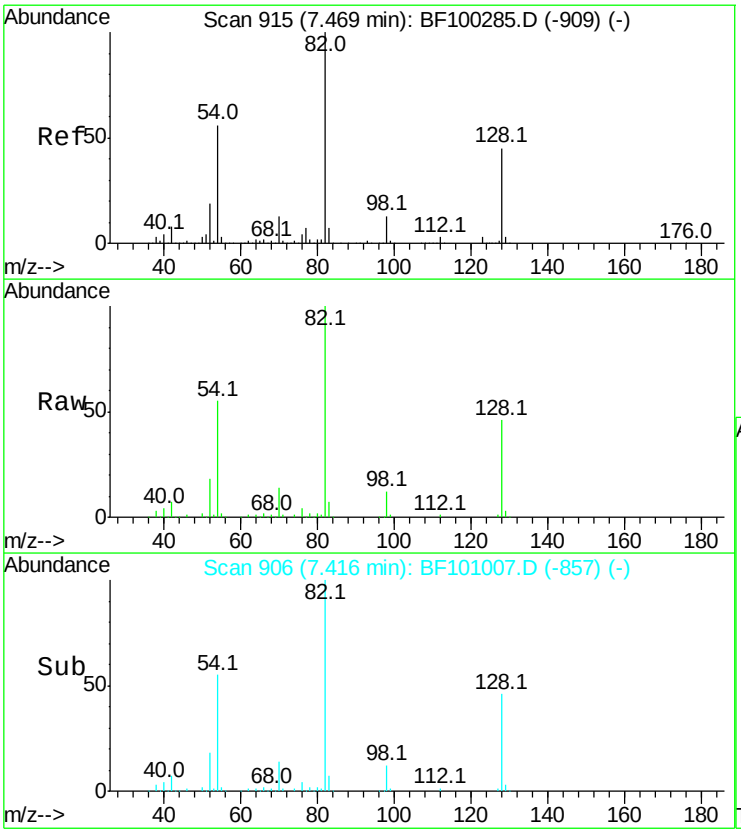
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 195967

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.8	6.6	9.8
68	5.3	5.0	7.4

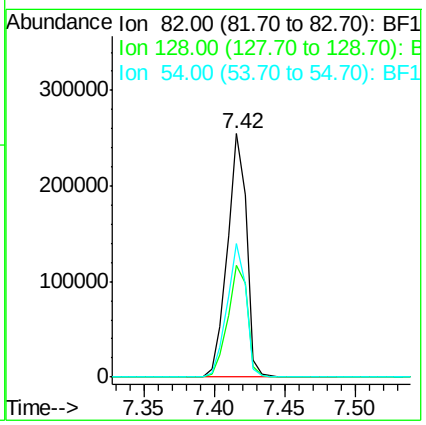


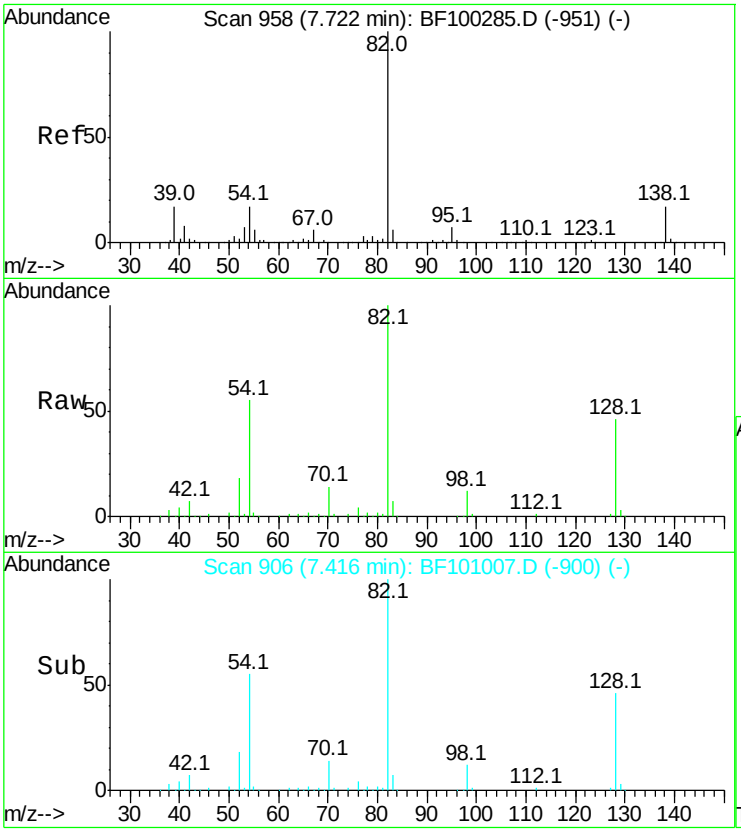


#23
Nitrobenzene-d5
Concen: 81.006 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Tgt Ion: 82 Resp: 240111

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	54.9	41.4	62.2



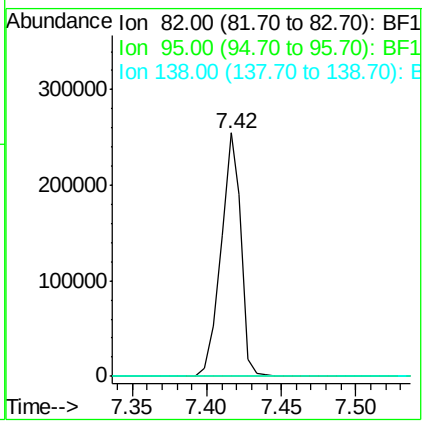


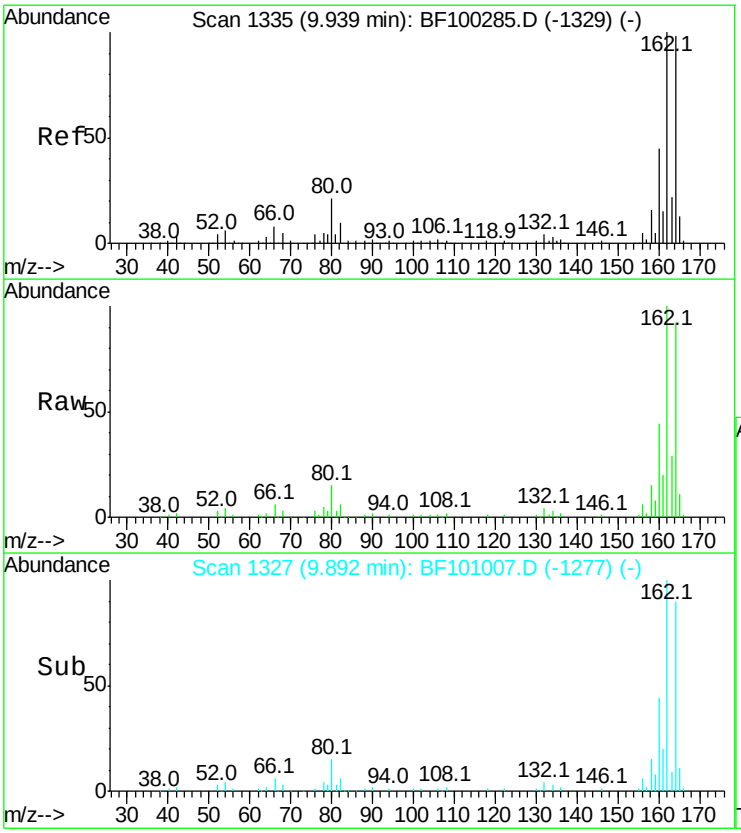
#25
Isophorone
Concen: 38.548 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 240109

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

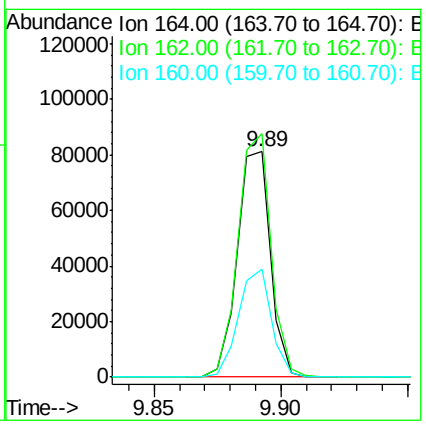


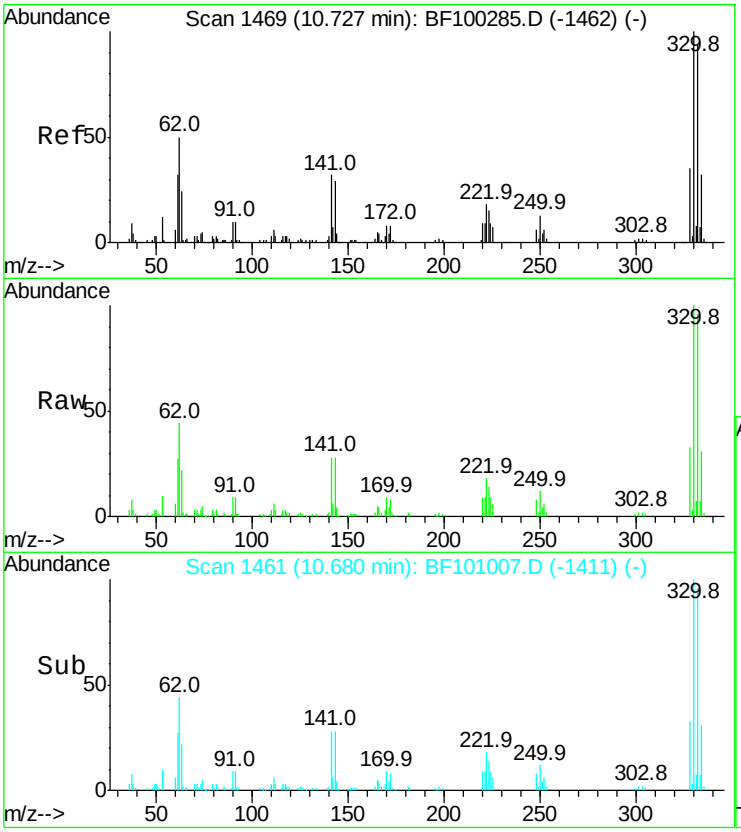


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Tgt Ion:164 Resp: 73711

Ion	Ratio	Lower	Upper
164	100		
162	108.1	86.1	129.1
160	47.9	38.3	57.5



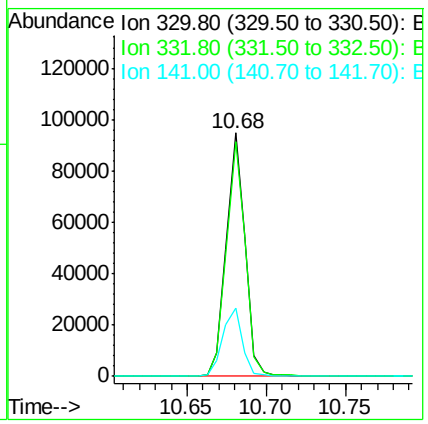


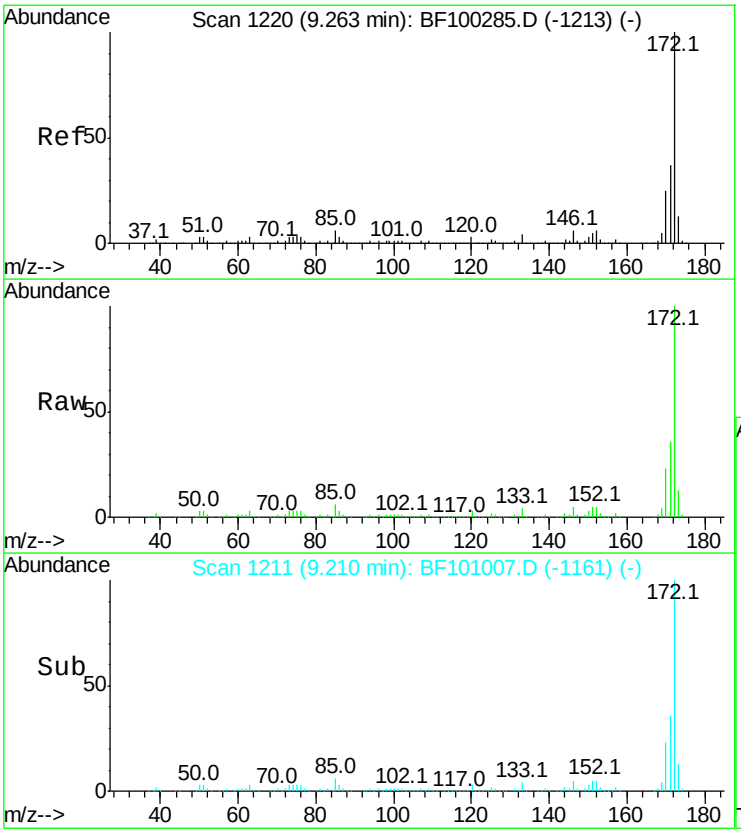
#41
2,4,6-Tribromophenol
Concen: 103.794 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 77961

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	29.4	29.9	44.9#

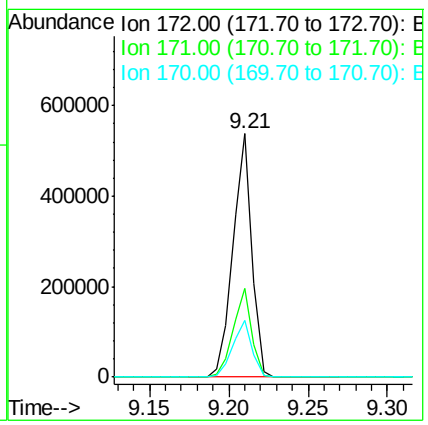


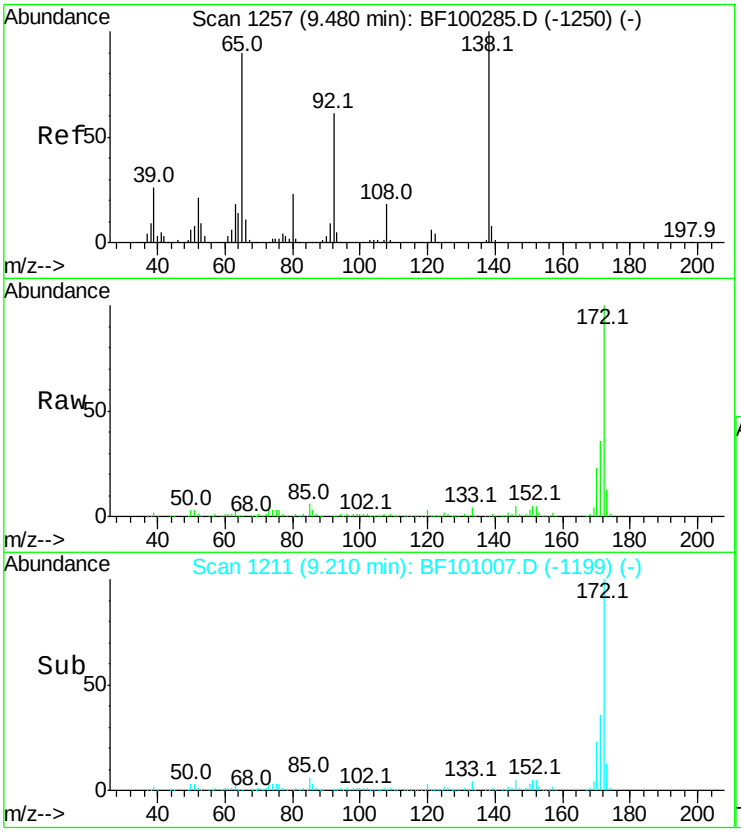


#44
2-Fluorobiphenyl
Concen: 91.913 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Tgt Ion:172 Resp: 444931

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.1	19.6	29.4



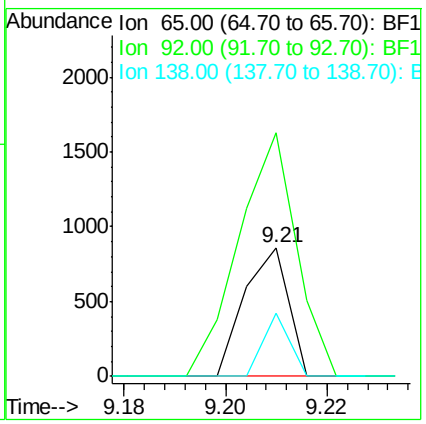


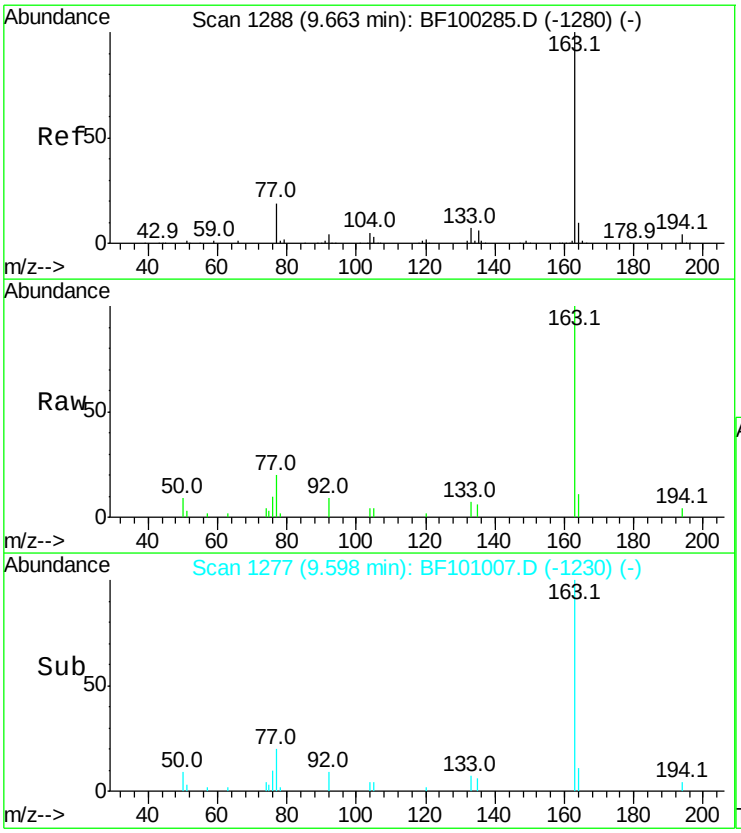
#47
2-Nitroaniline
Concen: 3.140 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.23 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 517

Ion	Ratio	Lower	Upper
65	100		
92	188.9	55.8	83.6#
138	49.0	91.2	136.8#

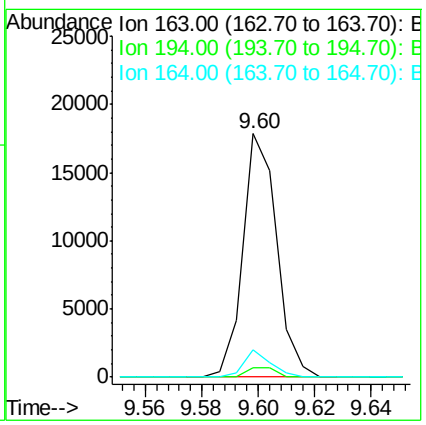


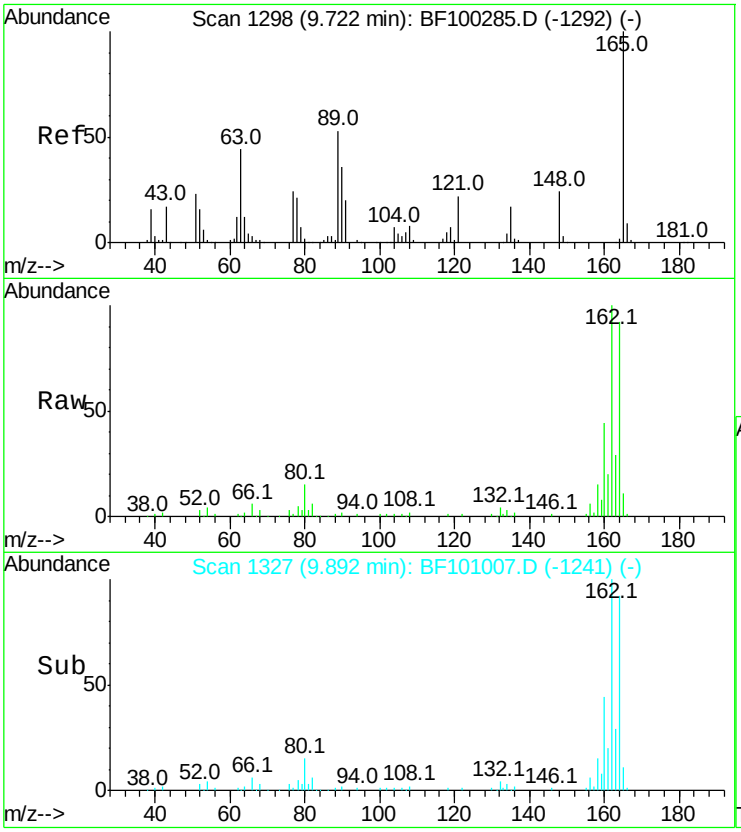


#49
Dimethylphthalate
Concen: 2.632 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Tgt Ion:163 Resp: 14810

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	11.3	8.2	12.2



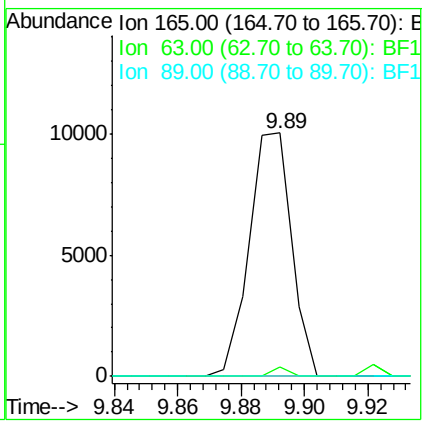


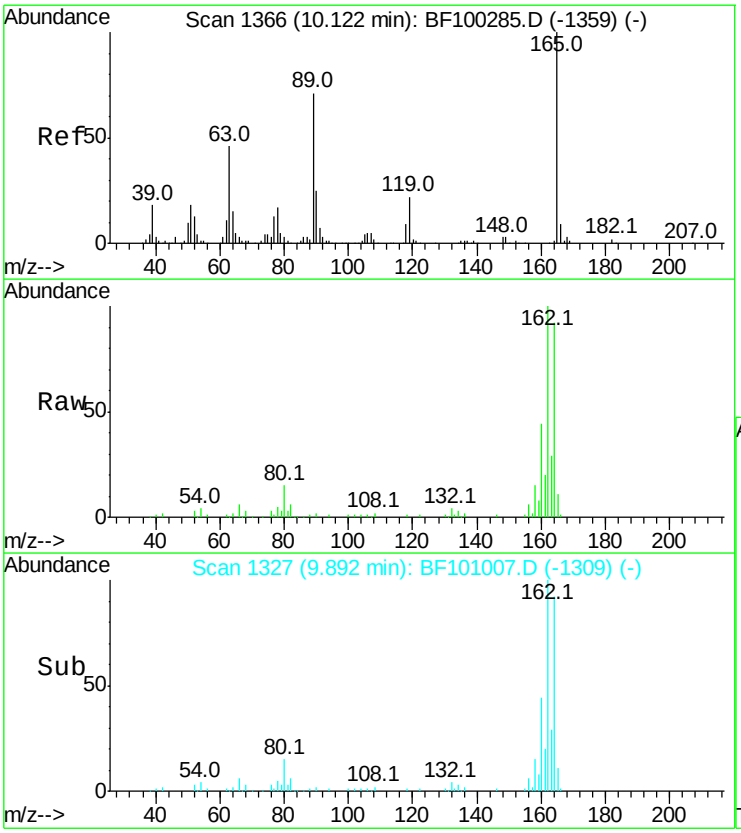
#50
2,6-Dinitrotoluene
Concen: 8.373 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 9328

Ion	Ratio	Lower	Upper
165	100		
63	3.7	44.7	67.1#
89	0.0	44.0	66.0#

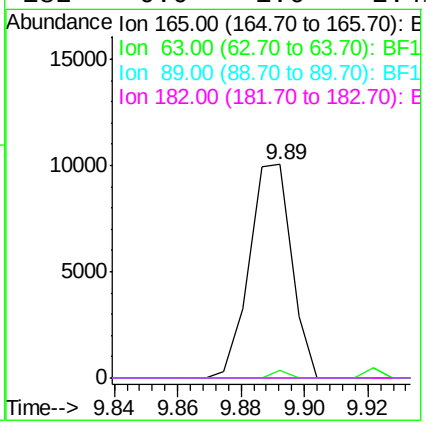


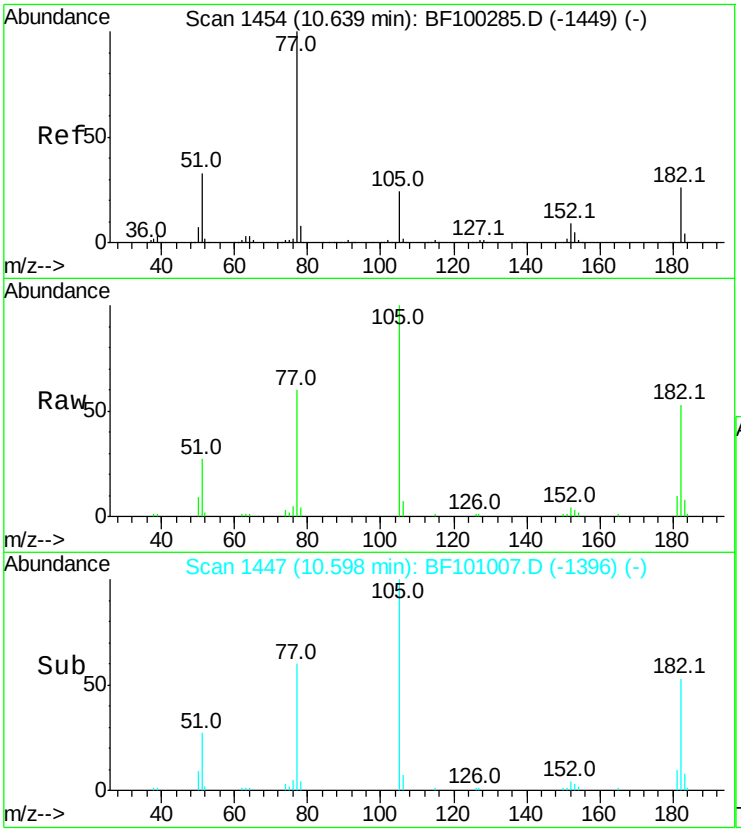


#56
2,4-Dinitrotoluene
Concen: 6.637 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Tgt Ion:165 Resp: 9328

Ion	Ratio	Lower	Upper
165	100		
63	3.7	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



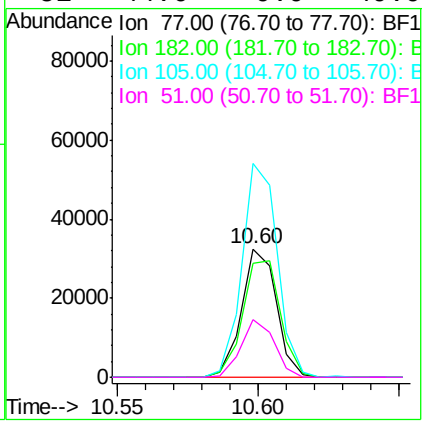


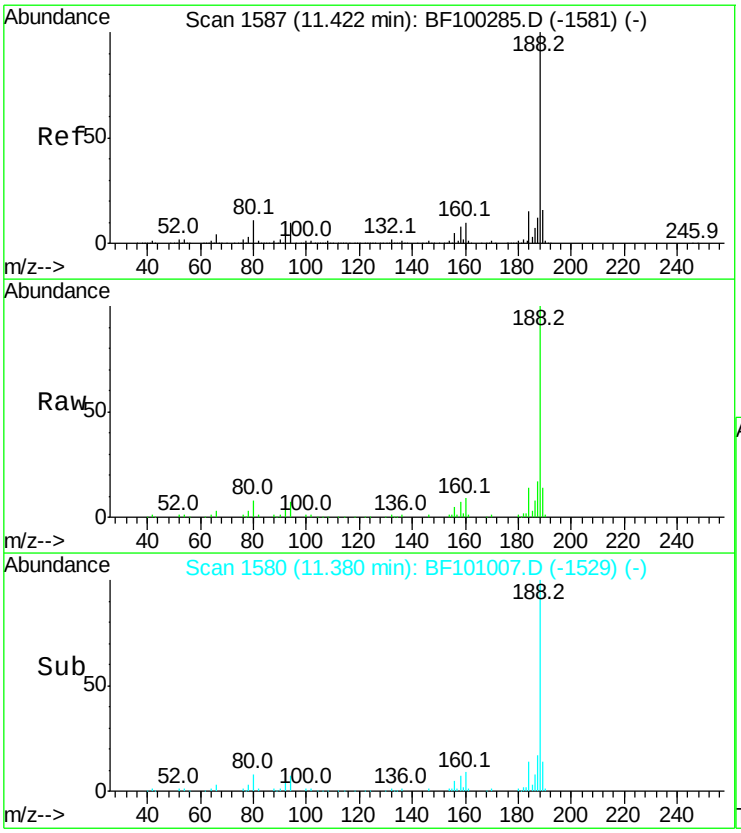
#62
Azobenzene
Concen: 5.264 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 27921

Ion	Ratio	Lower	Upper
77	100		
182	88.3	1.7	41.7#
105	166.1	3.0	43.0#
51	44.6	9.9	49.9

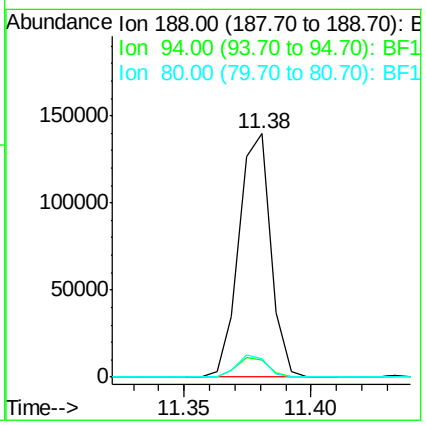


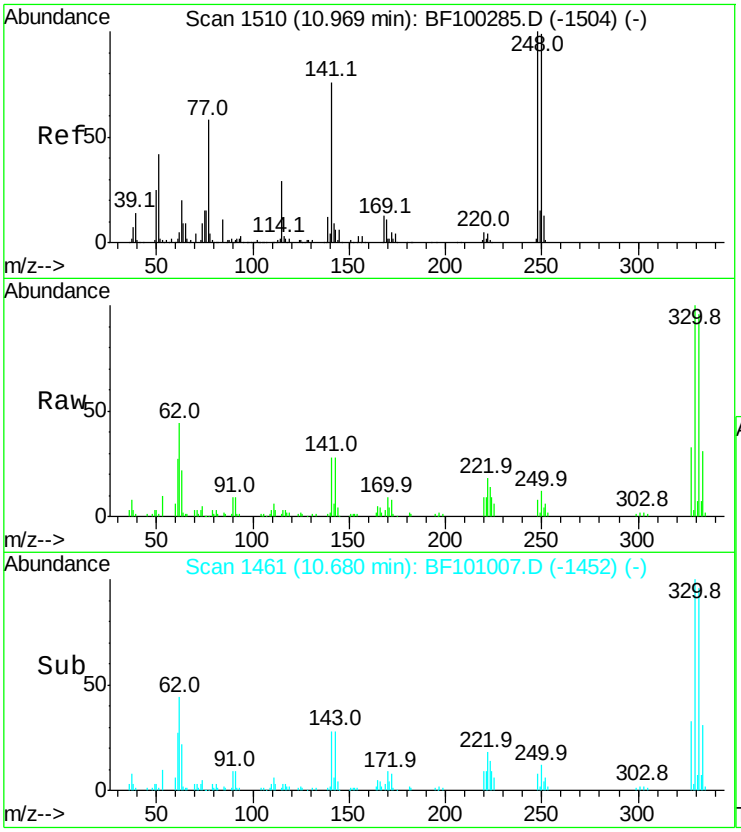


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Tgt Ion:188 Resp: 121833

Ion	Ratio	Lower	Upper
188	100		
94	7.1	8.5	12.7#
80	7.6	9.2	13.8#



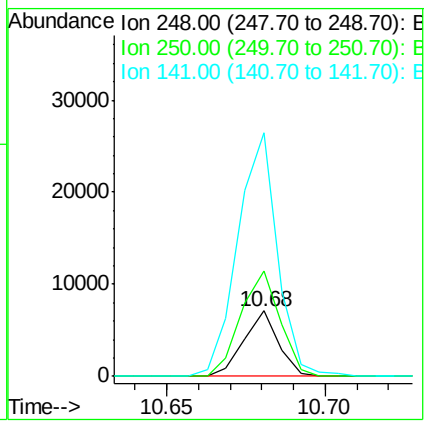


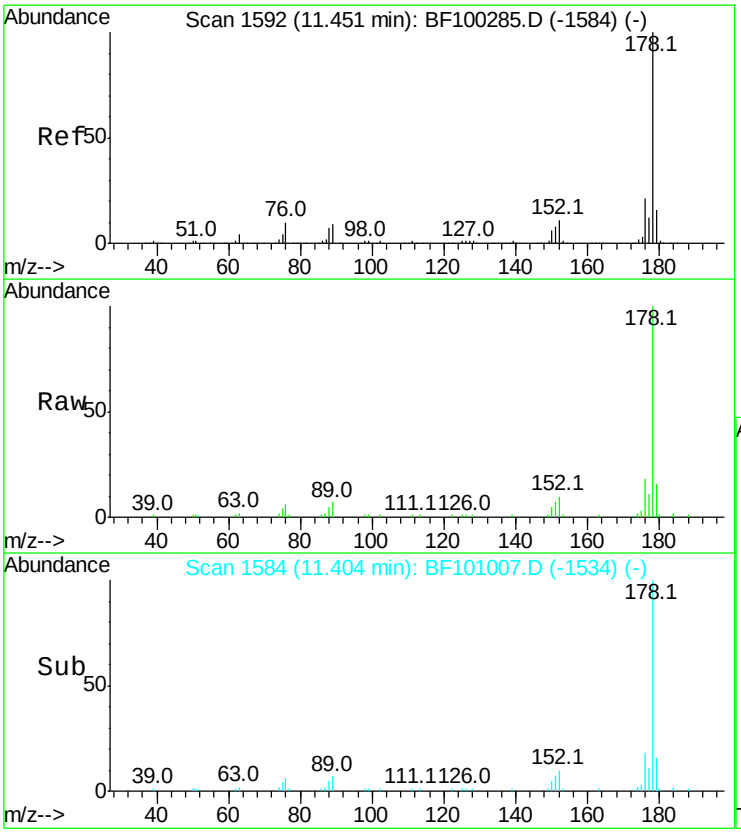
#66
4-Bromophenyl-phenylether
Concen: 4.115 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 5374

Ion	Ratio	Lower	Upper
248	100		
250	161.9	76.9	115.3#
141	371.9	74.4	111.6#

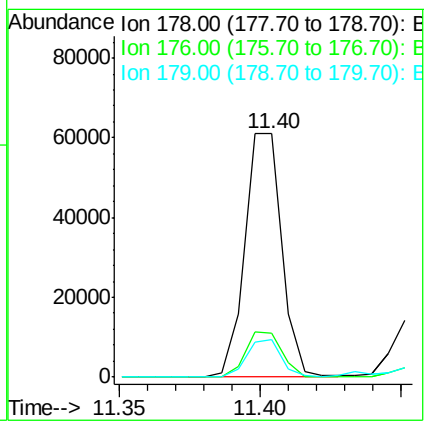


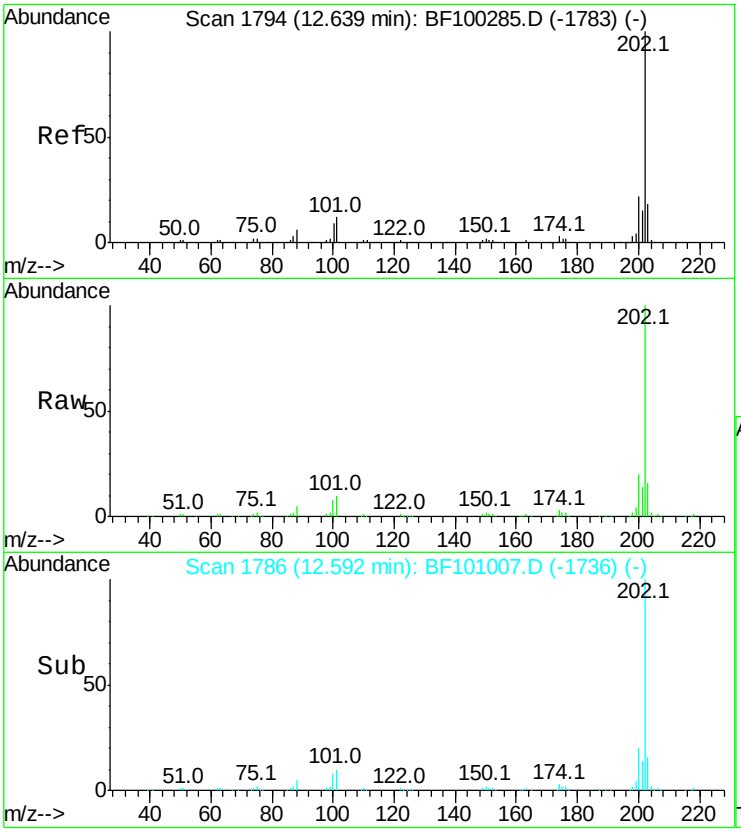


#70
Phenanthrene
Concen: 8.648 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Tgt Ion:178 Resp: 55473

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.6	13.0	19.6



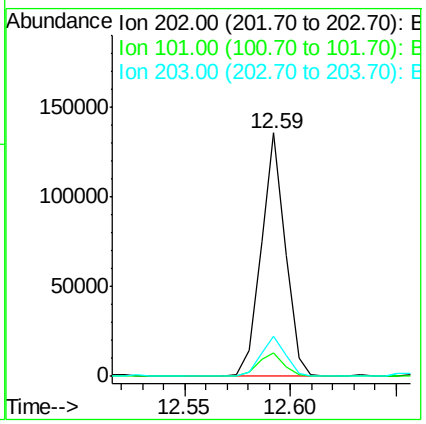


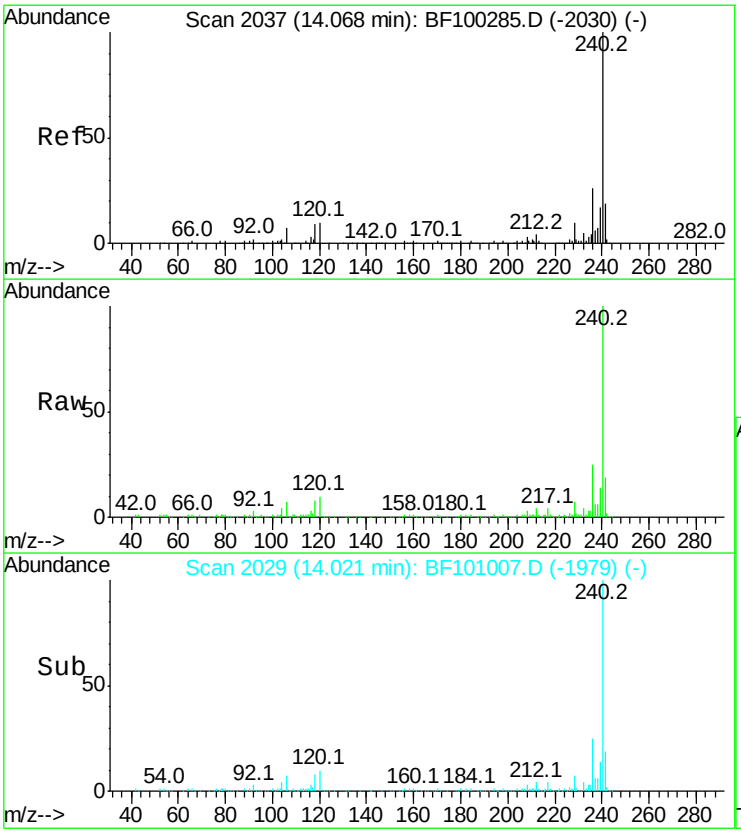
#74
Fluoranthene
Concen: 15.912 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 108175

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	34.1
203	16.4	0.0	38.1

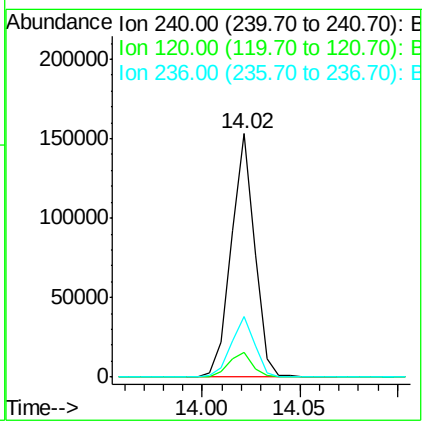


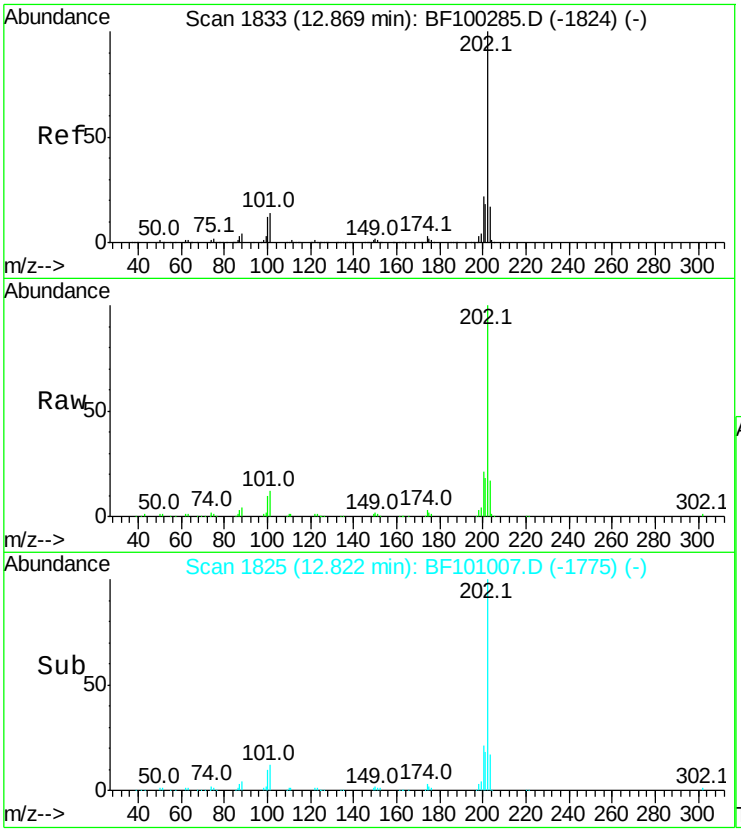


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Tgt Ion:240 Resp: 127666

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	24.7	20.7	31.1



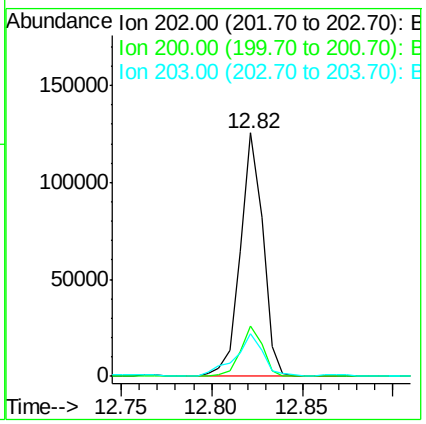


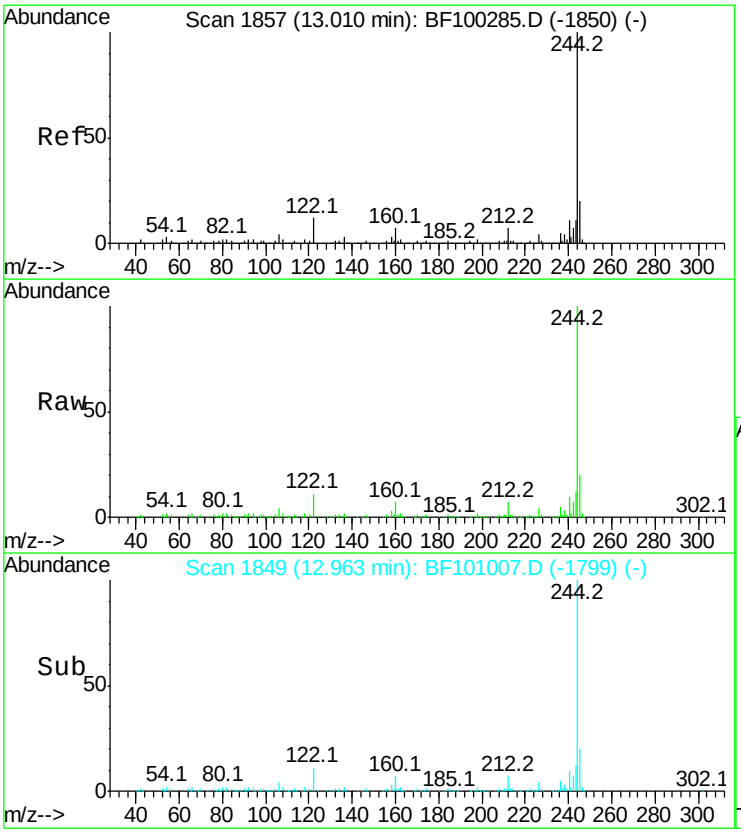
#77
Pyrene
Concen: 11.990 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 109116

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.5	14.3	21.5

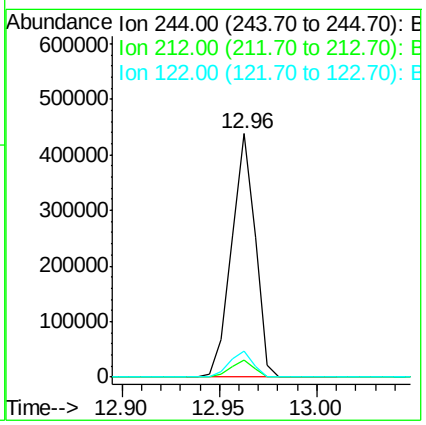


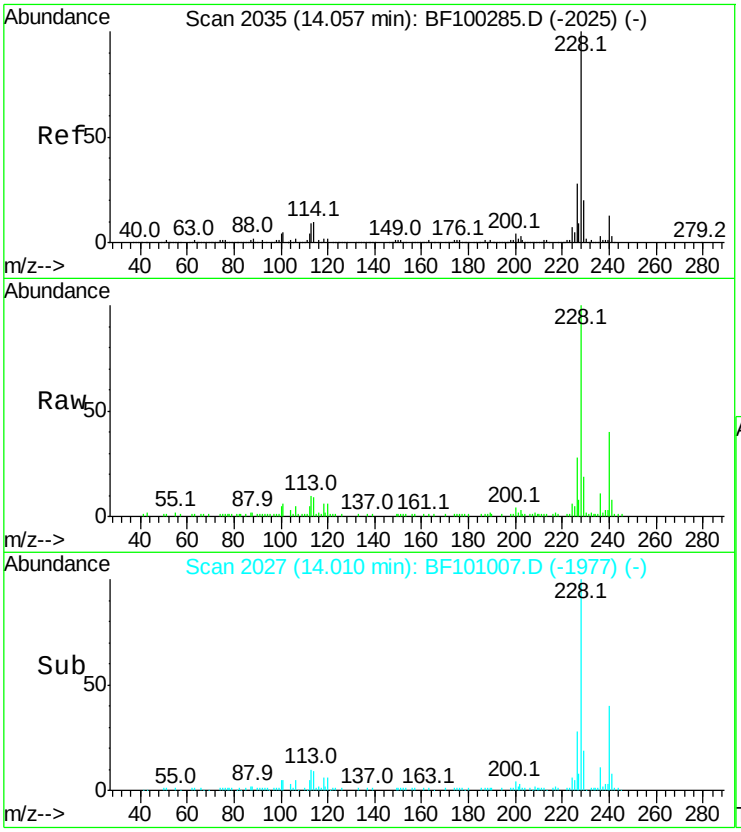


#78
Terphenyl-d14
Concen: 66.163 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Tgt Ion:244 Resp: 367619

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.7	11.0	16.4#



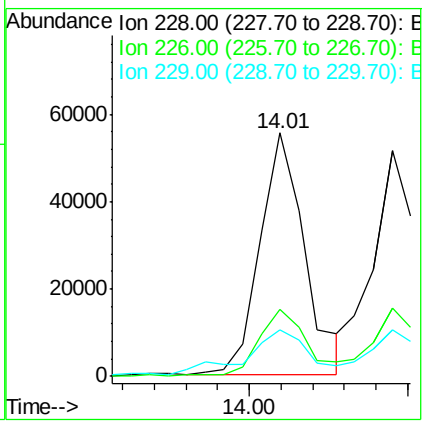


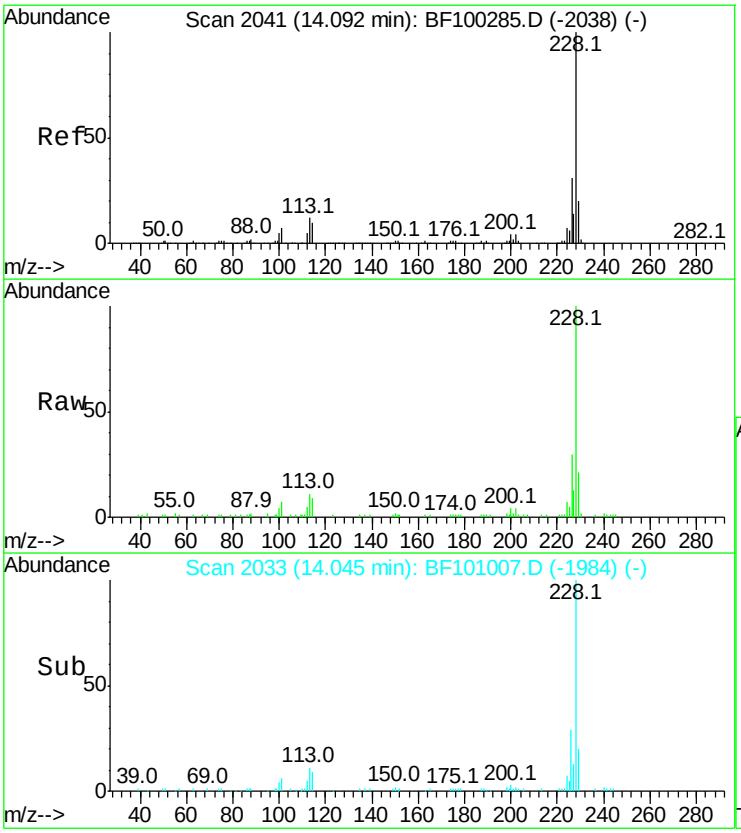
#80
Benzo(a)anthracene
Concen: 7.089 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 54497

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.3	15.8	23.6

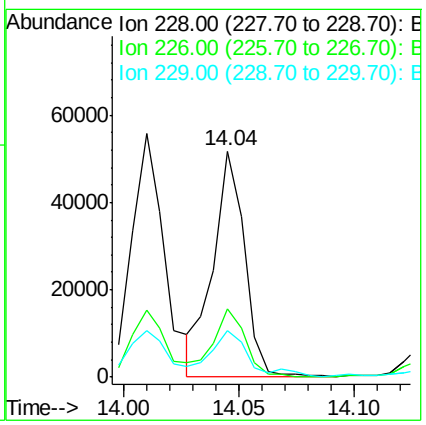


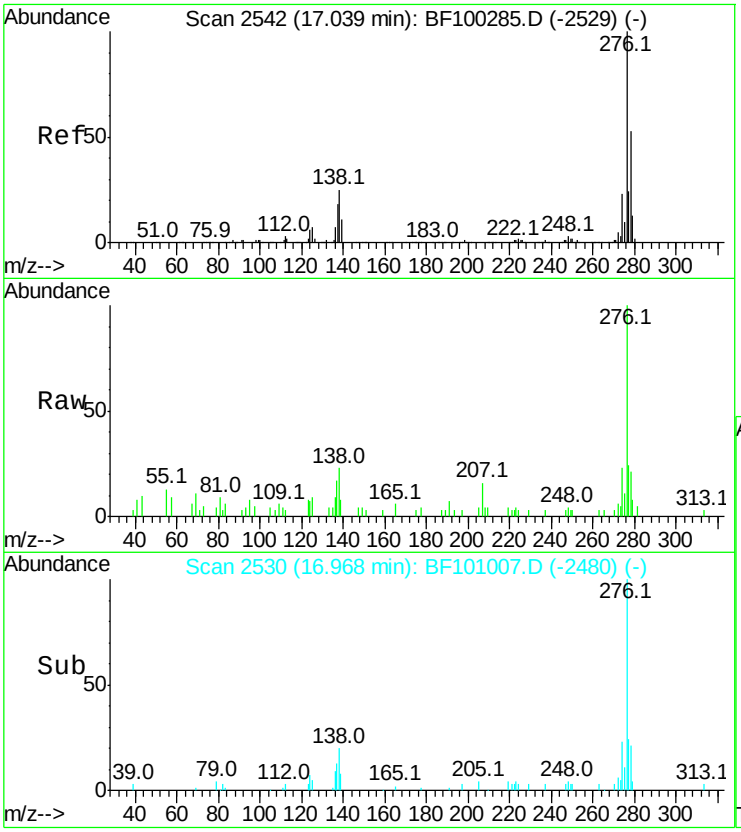


#82
Chrysene
Concen: 6.606 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Tgt Ion:228 Resp: 49179

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	20.8	16.2	24.4



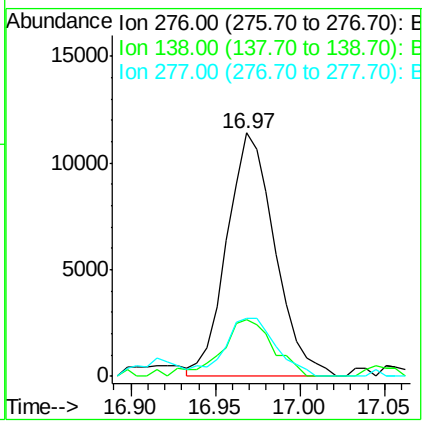


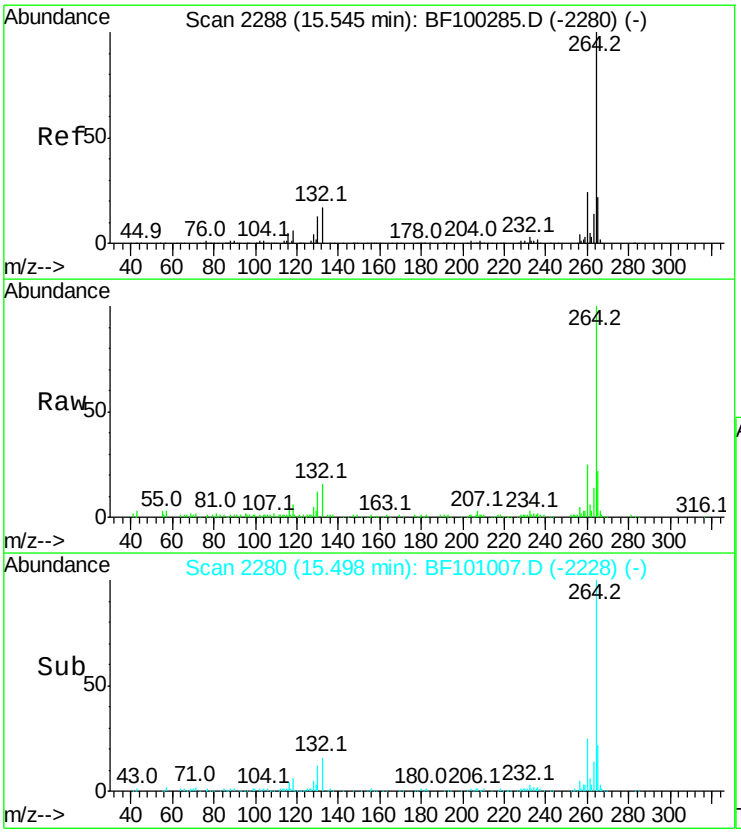
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.745 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 22549

Ion	Ratio	Lower	Upper
276	100		
138	25.4	25.0	37.6
277	25.5	20.1	30.1

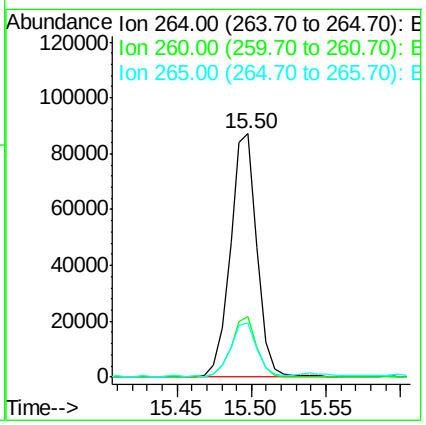


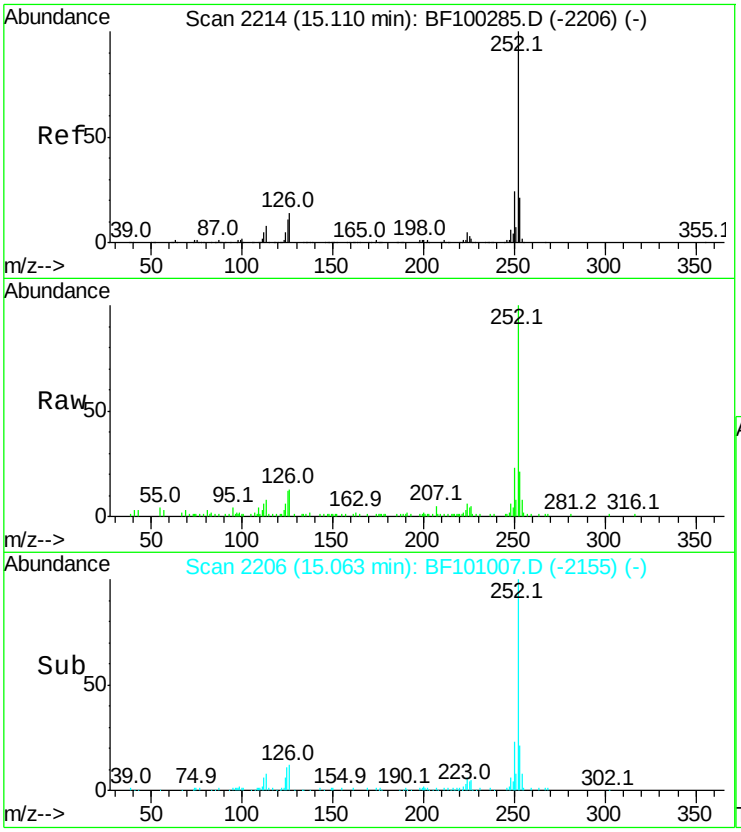


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Tgt Ion:264 Resp: 108533

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.1	17.5	26.3



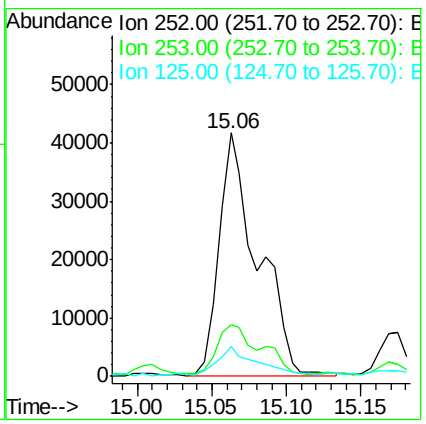


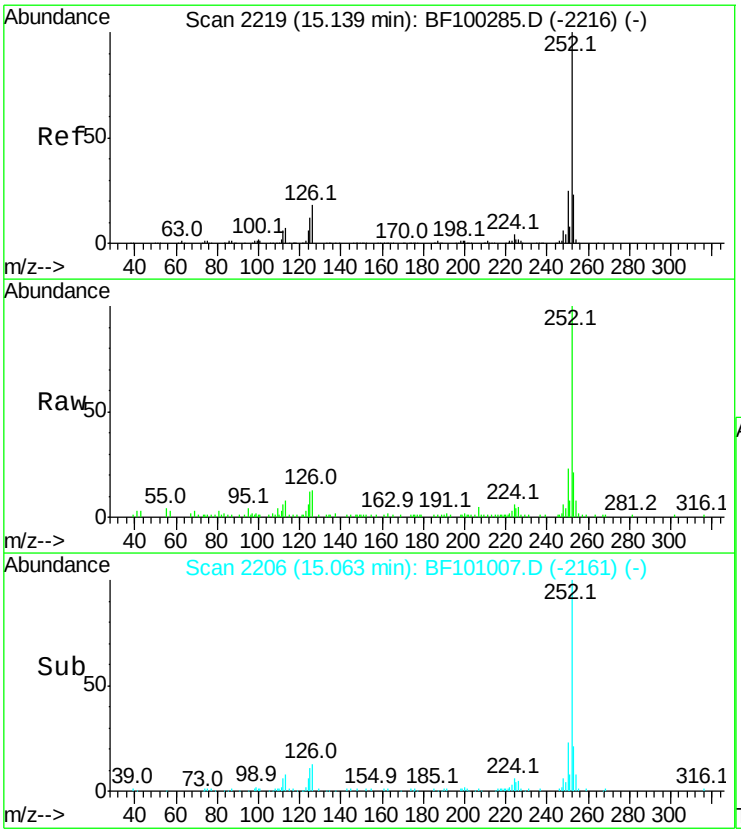
#87
Benzo(b)fluoranthene
Concen: 11.774 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 75710

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	12.0	9.0	13.6

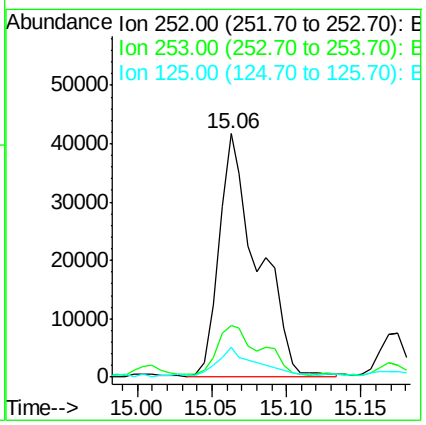


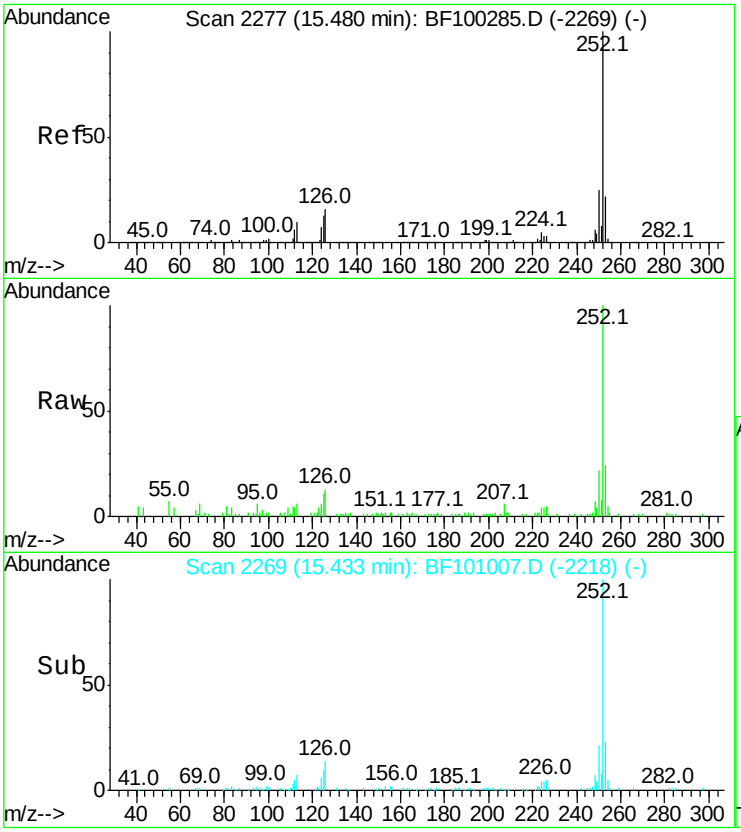


#88
Benzo(k)fluoranthene
Concen: 12.462 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Tgt Ion:252 Resp: 75710

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	12.0	10.2	15.2



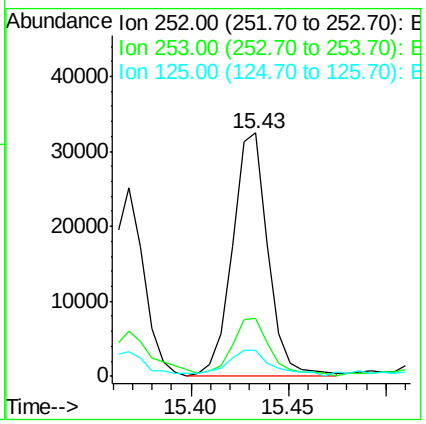


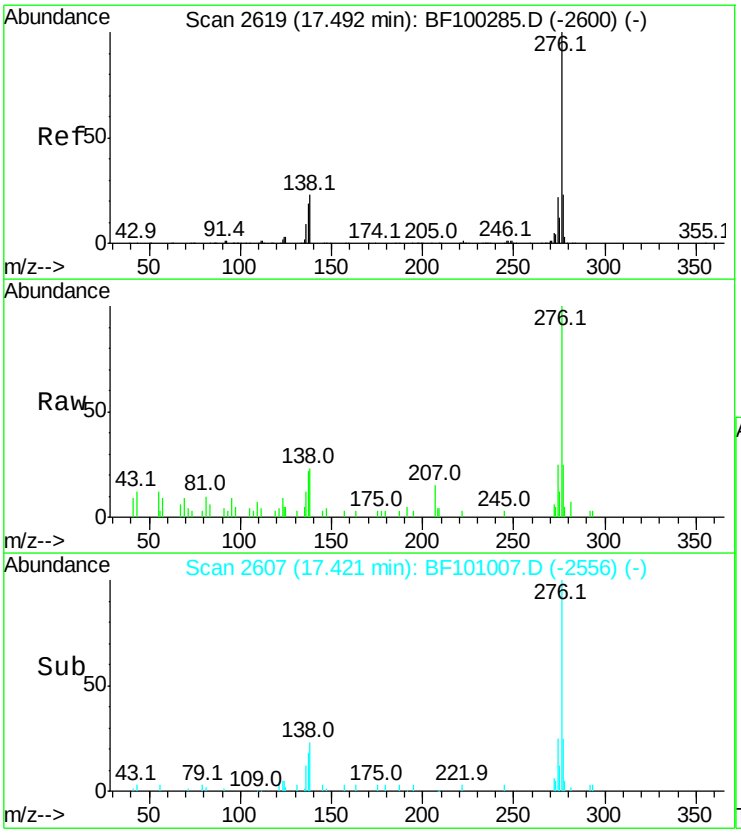
#89
Benzo(a)pyrene
Concen: 7.195 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 41015

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	10.9	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 5.399 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.00 min
Lab File: BF101007.D
Acq: 30 Nov 2017 5:42

Tgt Ion:276 Resp: 24636

Ion	Ratio	Lower	Upper
276	100		
277	25.0	17.9	26.9
138	23.4	21.8	32.8