Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101245.D
Acq On : 8 Dec 2017 19:31
Operator : SJ/JU
Sample : I6684-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-120617

Quant Time: Dec 08 22:14:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	48482	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	190677	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	82511	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	139101	20.00	ng		0.00
75) Chrysene-d12	14.00	240	101952	20.00	ng		0.00
86) Perylene-d12	15.47	264	107389	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	303975	103.61	ng		0.00
7) Phenol-d6	6.46	99	363259	101.98	ng		0.00
23) Nitrobenzene-d5	7.39	82	219491	68.67	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	87477	88.25	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	377836	62.65	ng		0.00
78) Terphenyl-d14	12.94	244	274126	58.81	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.47	94	14157	3.574	ng		99
49) Dimethylphthalate	9.57	163	44748	6.725	ng		97
70) Phenanthrene	11.38	178	118337	15.448	ng		95
71) Anthracene	11.43	178	32359	4.174	ng		97
74) Fluoranthene	12.57	202	274587	32.338	ng		95
77) Pyrene	12.80	202	243735	34.646	ng		98
80) Benzo(a)anthracene	13.99	228	148460	23.063	ng		100
82) Chrysene	14.03	228	113064	18.913	ng		96
85) Indeno(1,2,3-cd)pyrene	16.94	276	52489	9.876	ng	#	91
87) Benzo(b)fluoranthene	15.04	252	151072m	23.486	ng		
88) Benzo(k)fluoranthene	15.07	252	41991m	6.626	ng		
89) Benzo(a)pyrene	15.41	252	94134m	16.097	ng		
90) Dibenzo(a,h)anthracene	16.95	278	17661m	3.426	ng		
91) Benzo(g,h,i)perylene	17.40	276	47887	9.856	ng	#	91

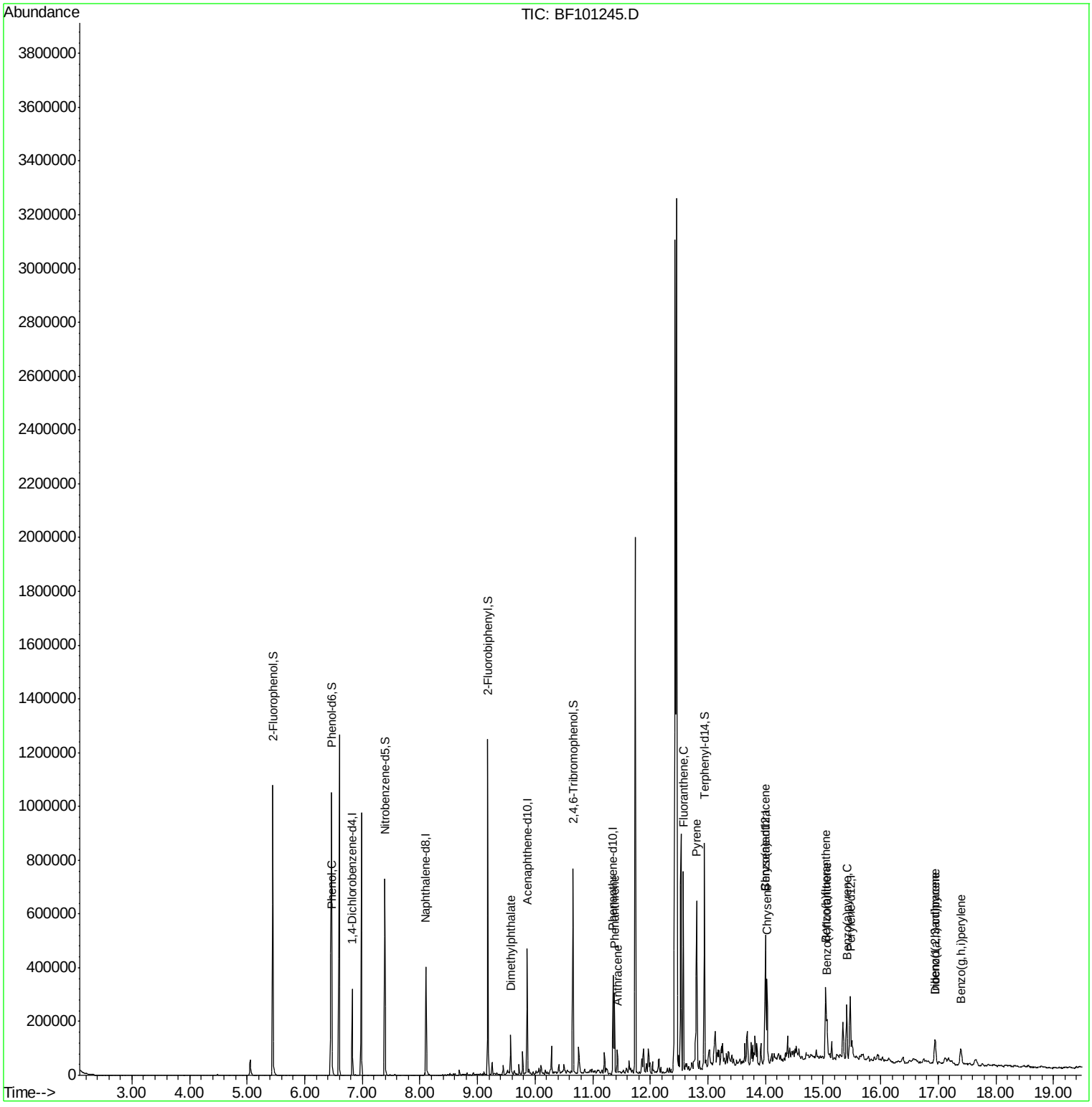
(#) = qualifier out of range (m) = manual integration (+) = signals summed

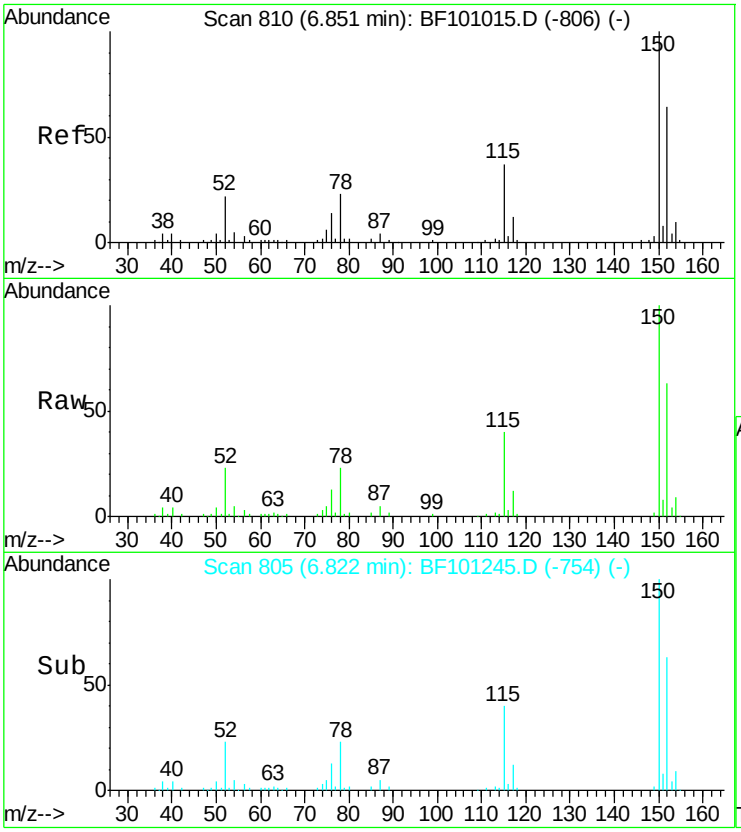
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101245.D
Acq On : 8 Dec 2017 19:31
Operator : SJ/JU
Sample : I6684-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-01-120617

Quant Time: Dec 08 22:14:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration



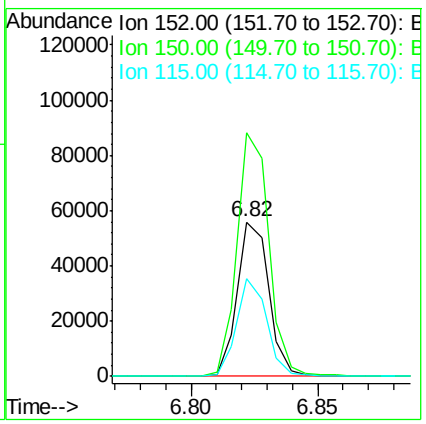


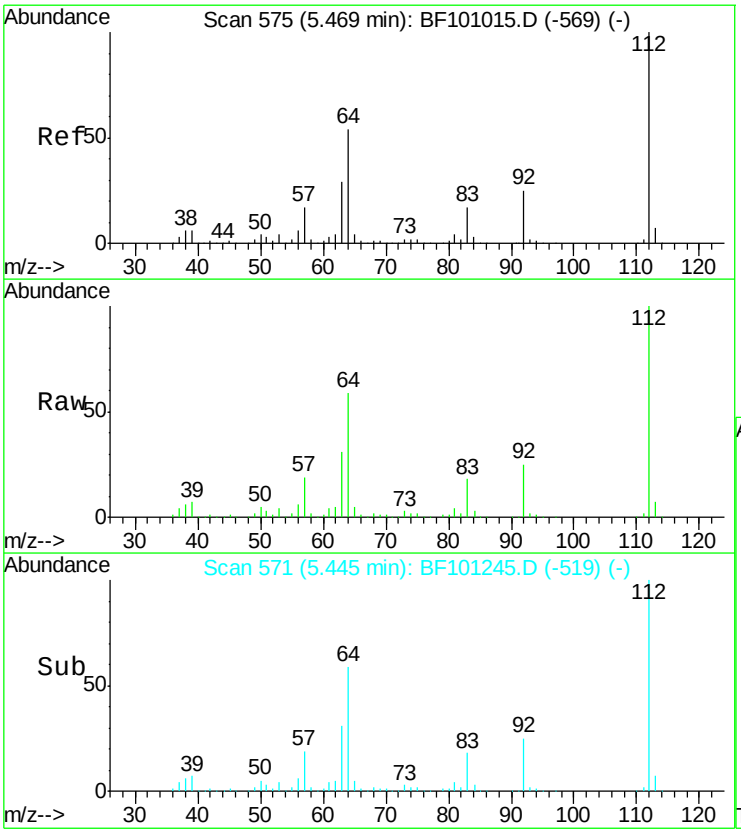
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Instrument :
BNA_F
ClientSampleId :
BU-01-120617

Tgt Ion:152 Resp: 48482

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	63.4	50.1	75.1

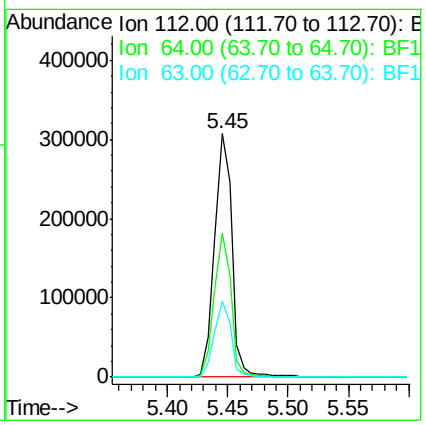


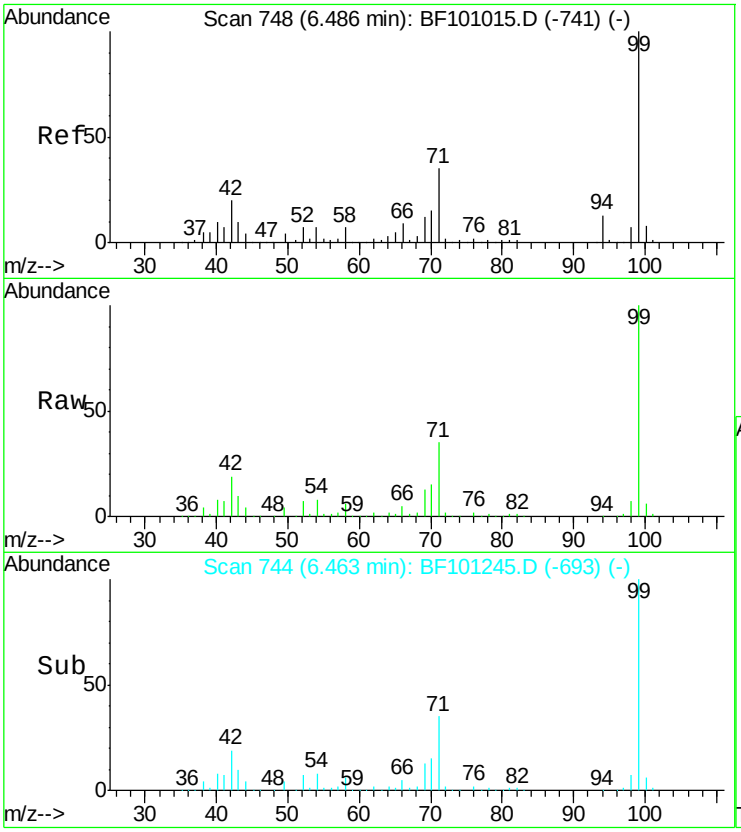


#5
2-Fluorophenol
Concen: 103.606 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Tgt Ion:112 Resp: 303975

Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	31.4	23.7	35.5



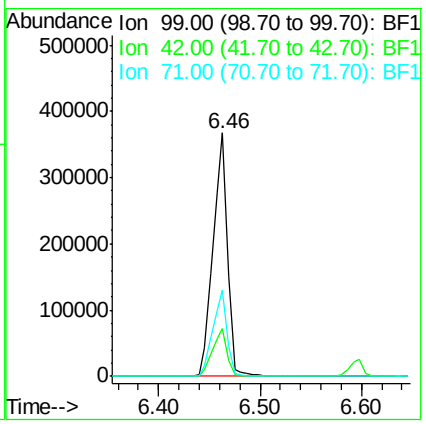


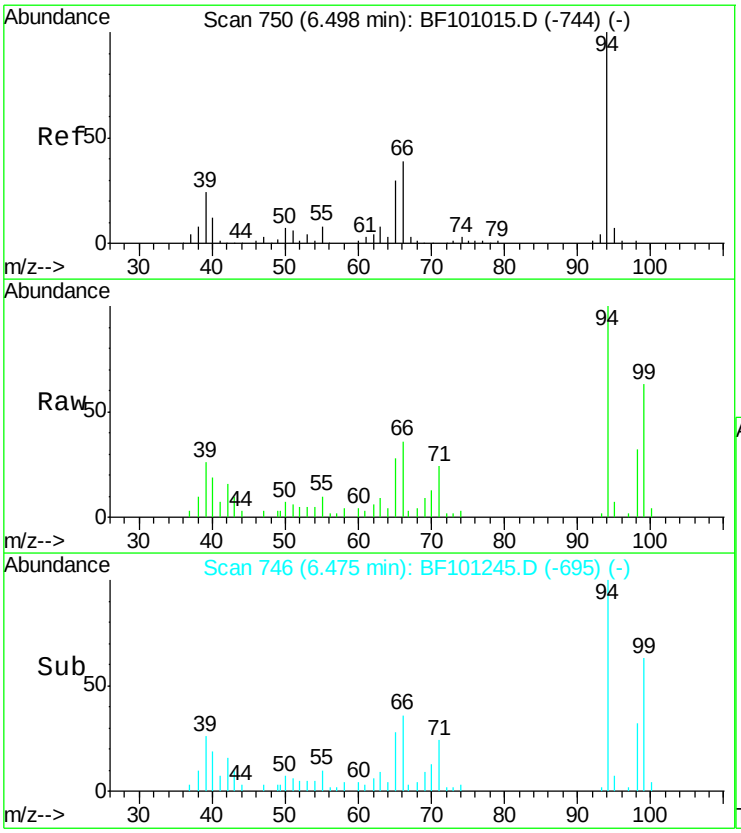
#7
Phenol-d6
Concen: 101.979 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Instrument :
BNA_F
ClientSampleId :
BU-01-120617

Tgt Ion: 99 Resp: 363259

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	35.3	25.4	38.0

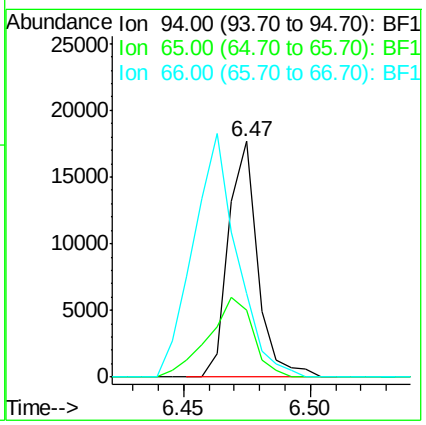


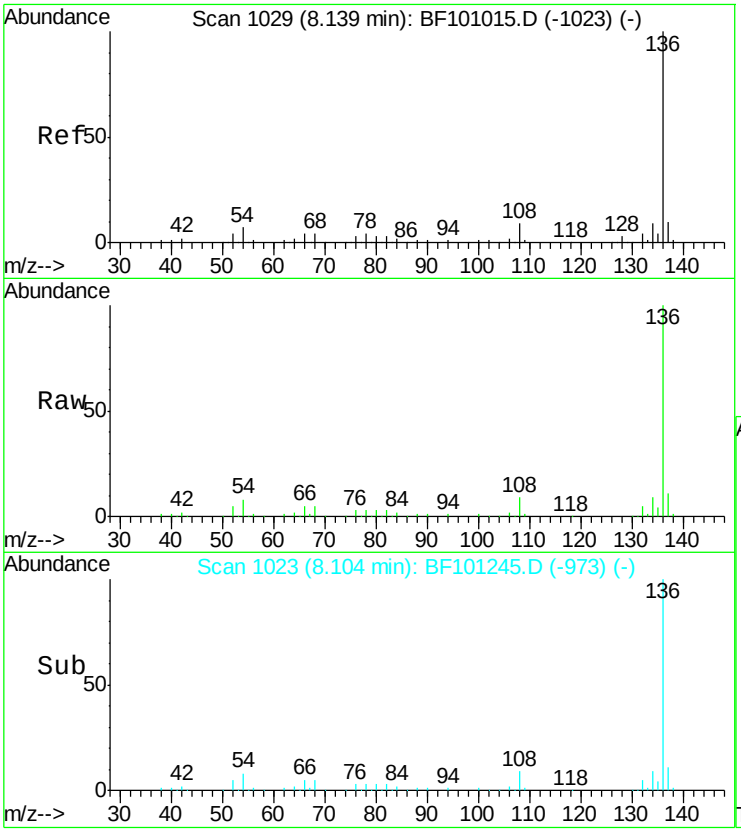


#10
Phenol
Concen: 3.574 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Tgt Ion: 94 Resp: 14157

Ion	Ratio	Lower	Upper
94	100		
65	28.4	7.9	47.9
66	35.6	16.2	56.2



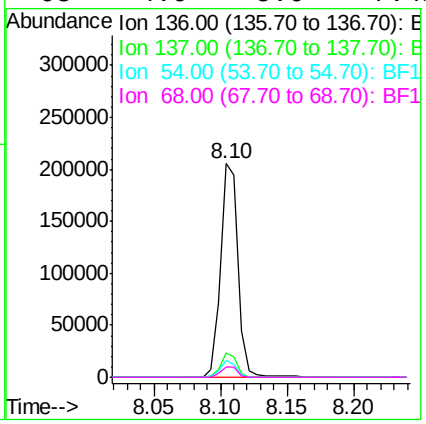


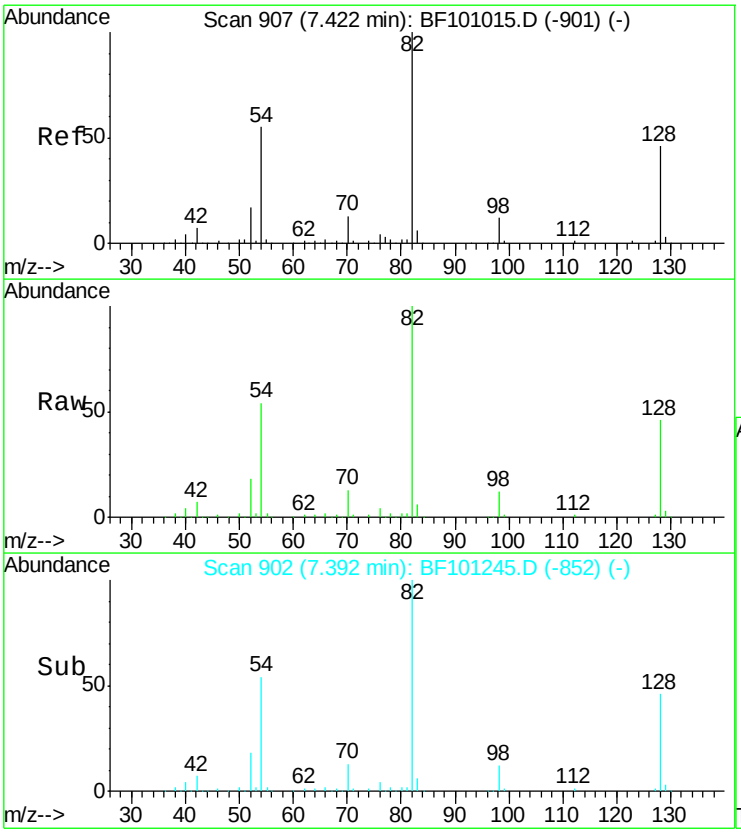
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Instrument :
BNA_F
ClientSampleId :
BU-01-120617

Tgt Ion:136 Resp: 190677

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.0	6.6	9.8
68	4.9	5.0	7.4#

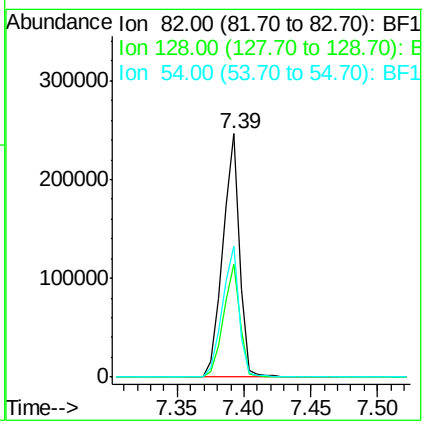


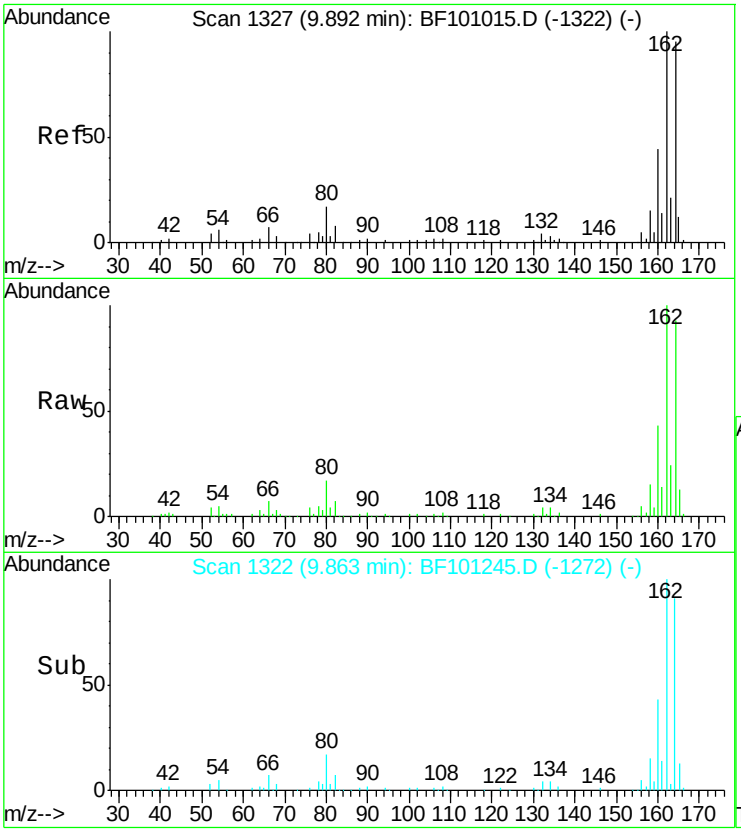


#23
Nitrobenzene-d5
Concen: 68.668 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Tgt Ion: 82 Resp: 219491

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	53.8	41.4	62.2



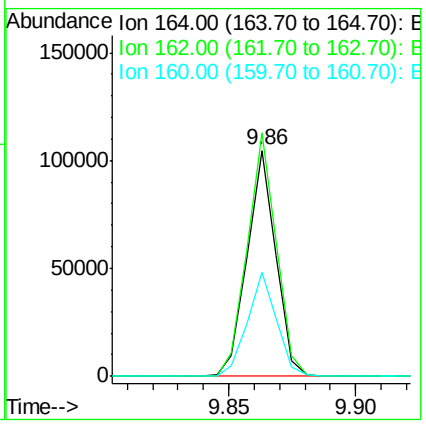


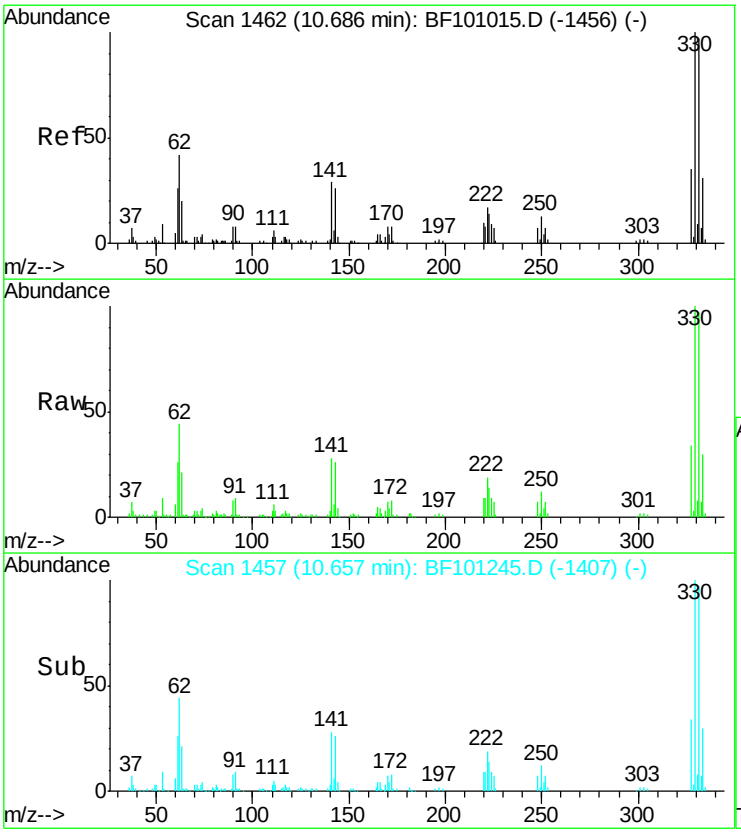
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Instrument :
BNA_F
ClientSampleId :
BU-01-120617

Tgt Ion:164 Resp: 82511

Ion	Ratio	Lower	Upper
164	100		
162	107.7	86.1	129.1
160	46.3	38.3	57.5

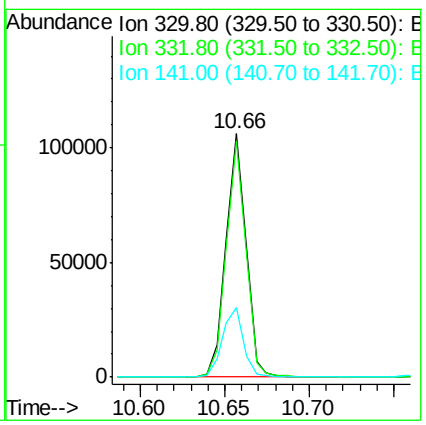


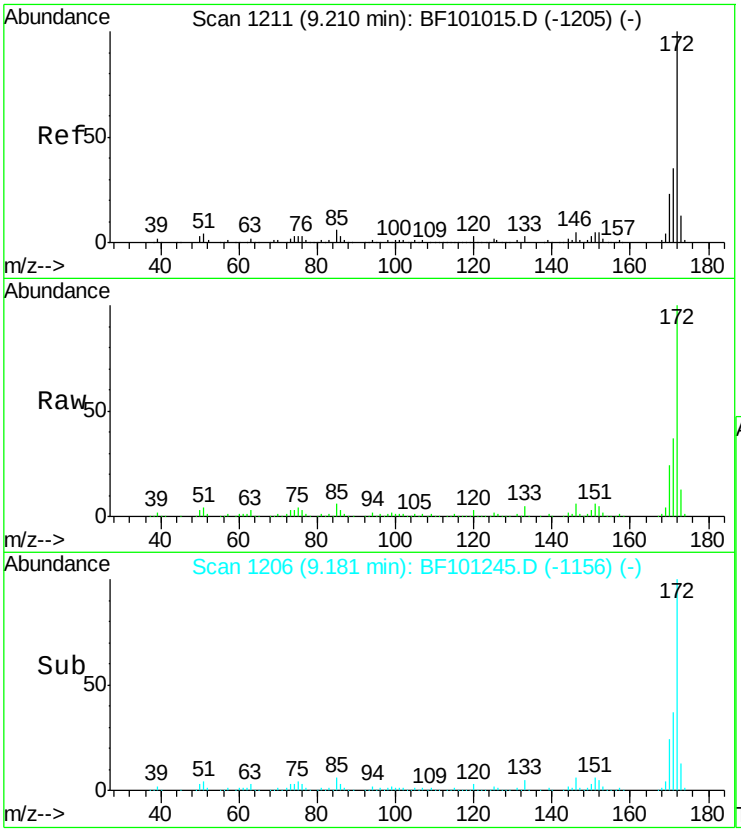


#41
2,4,6-Tribromophenol
Concen: 88.254 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Tgt Ion:330 Resp: 87477

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	30.3	29.9	44.9



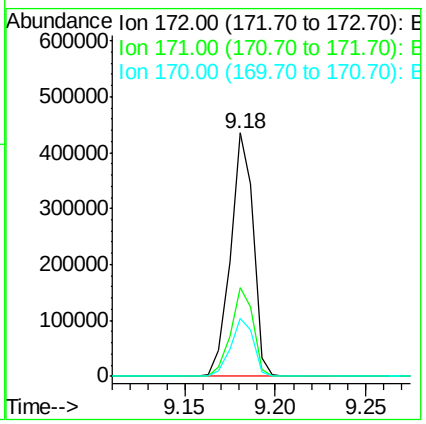


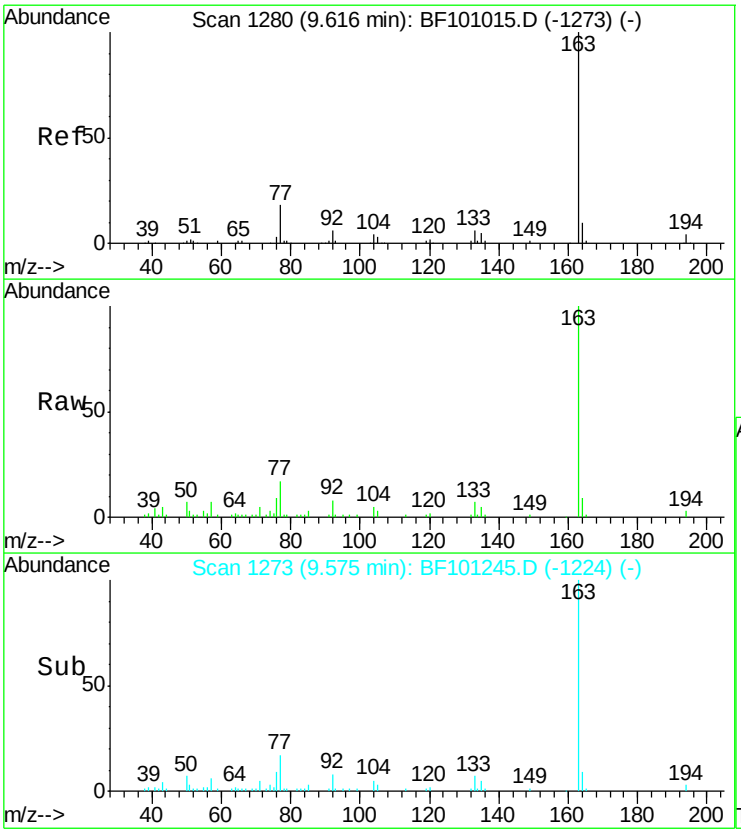
#44
2-Fluorobiphenyl
Concen: 62.653 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Instrument :
BNA_F
ClientSampleId :
BU-01-120617

Tgt Ion:172 Resp: 377836

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.1	19.6	29.4

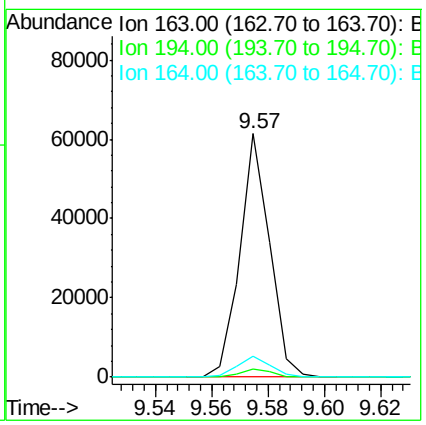


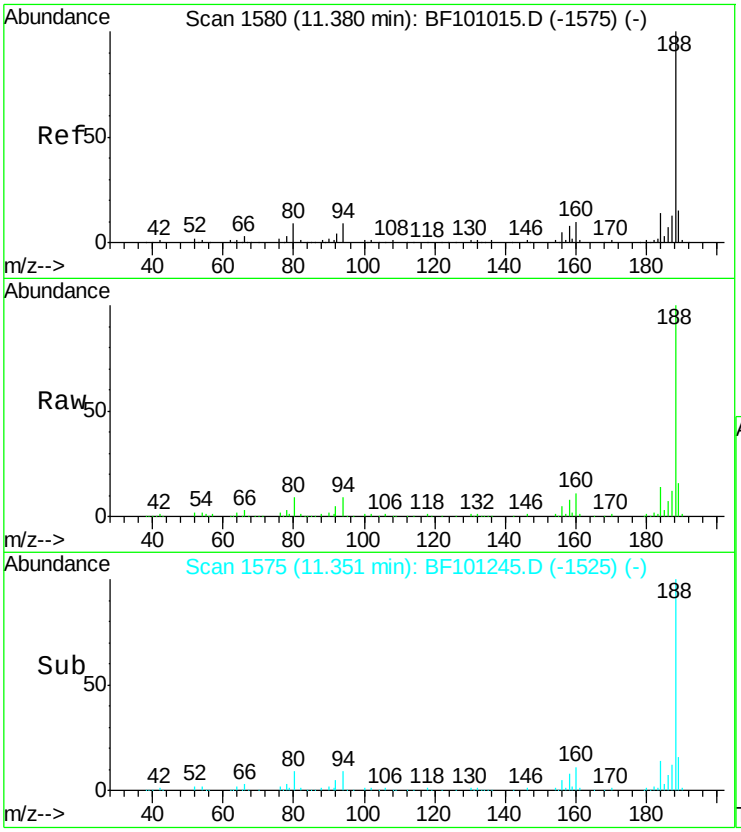


#49
Dimethylphthalate
Concen: 6.725 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Tgt Ion:163 Resp: 44748

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	8.6	8.2	12.2



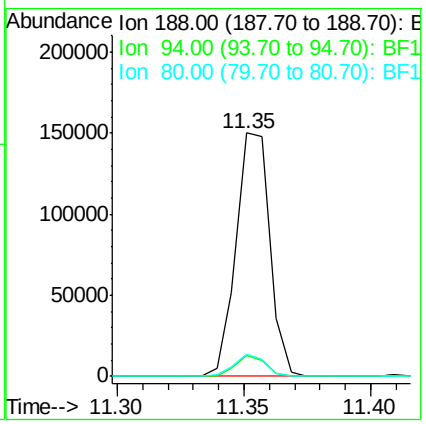


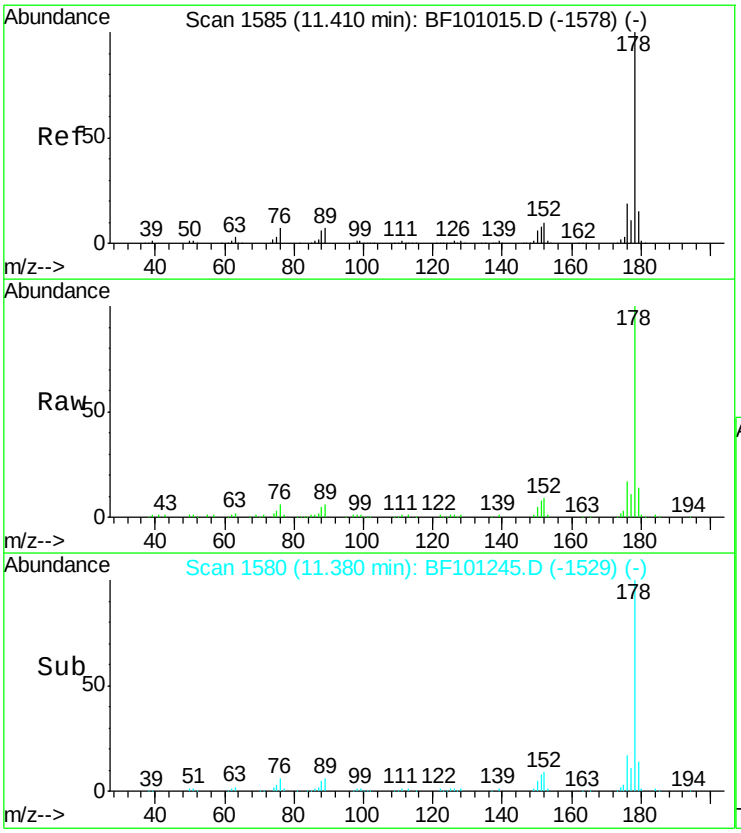
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Instrument :
BNA_F
ClientSampleId :
BU-01-120617

Tgt Ion:188 Resp: 139101

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.4	9.2	13.8

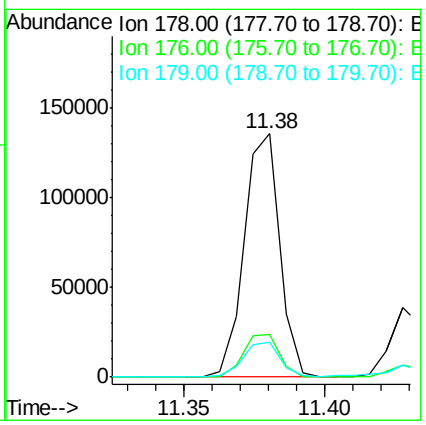


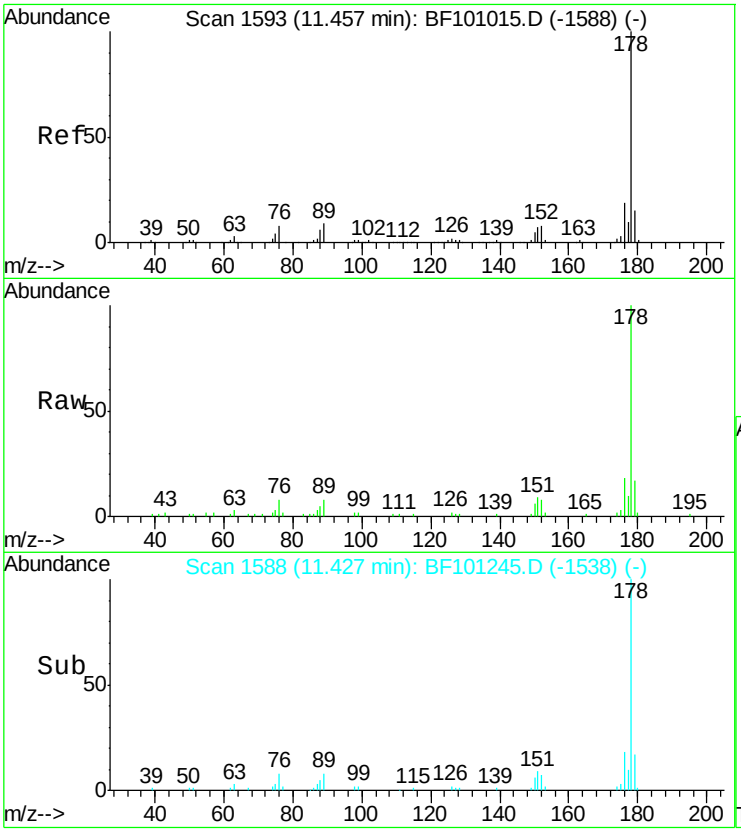


#70
Phenanthrene
Concen: 15.448 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Tgt Ion:178 Resp: 118337

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.8	23.8
179	14.4	13.0	19.6



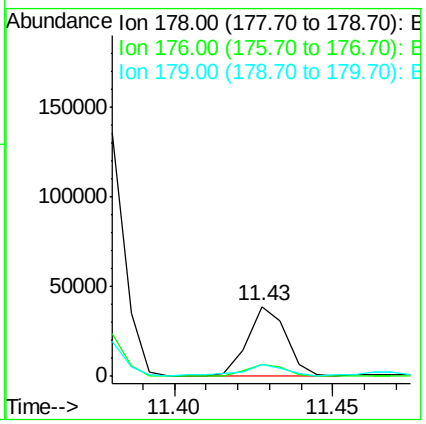


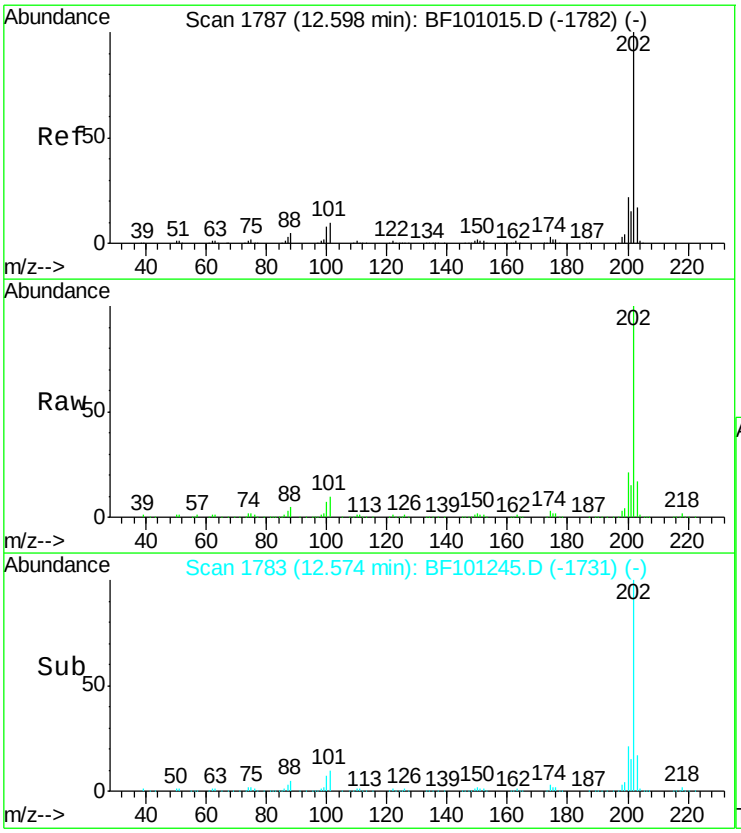
#71
Anthracene
Concen: 4.174 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Instrument :
BNA_F
ClientSampleId :
BU-01-120617

Tgt Ion:178 Resp: 32359

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	16.8	12.6	19.0

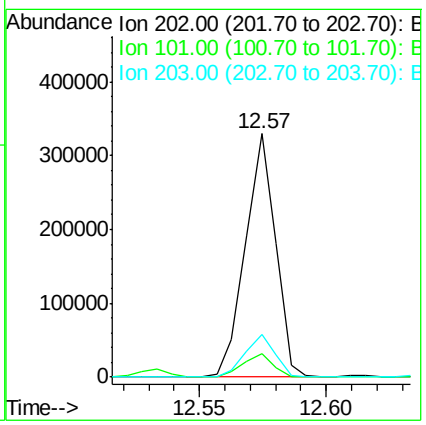


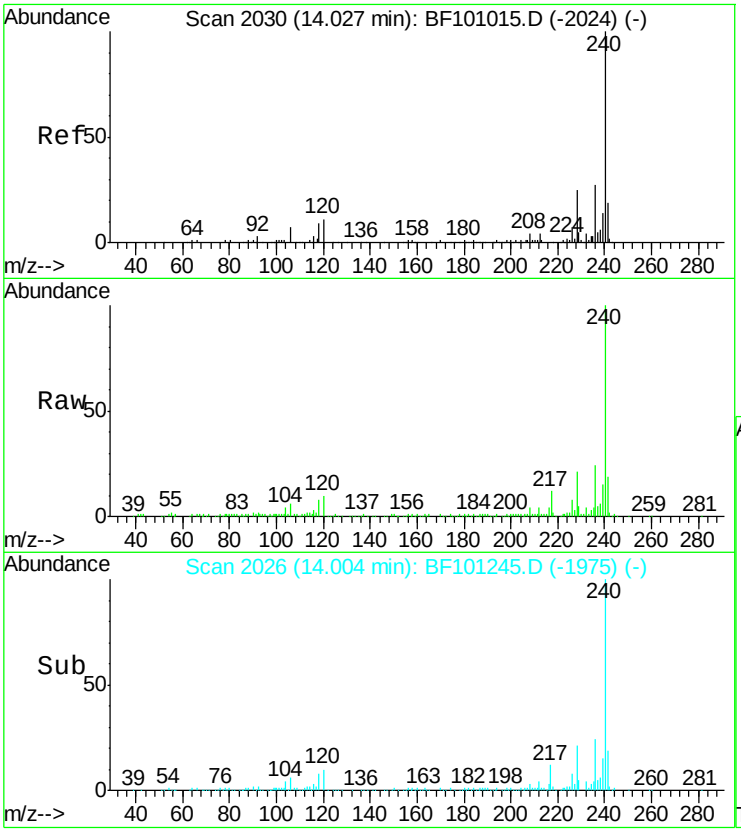


#74
Fluoranthene
Concen: 32.338 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Tgt Ion:202 Resp: 274587

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	34.1
203	17.4	0.0	38.1



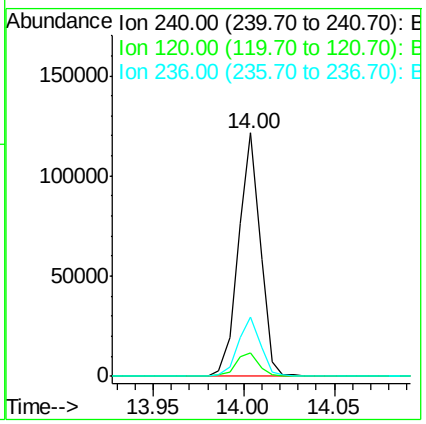


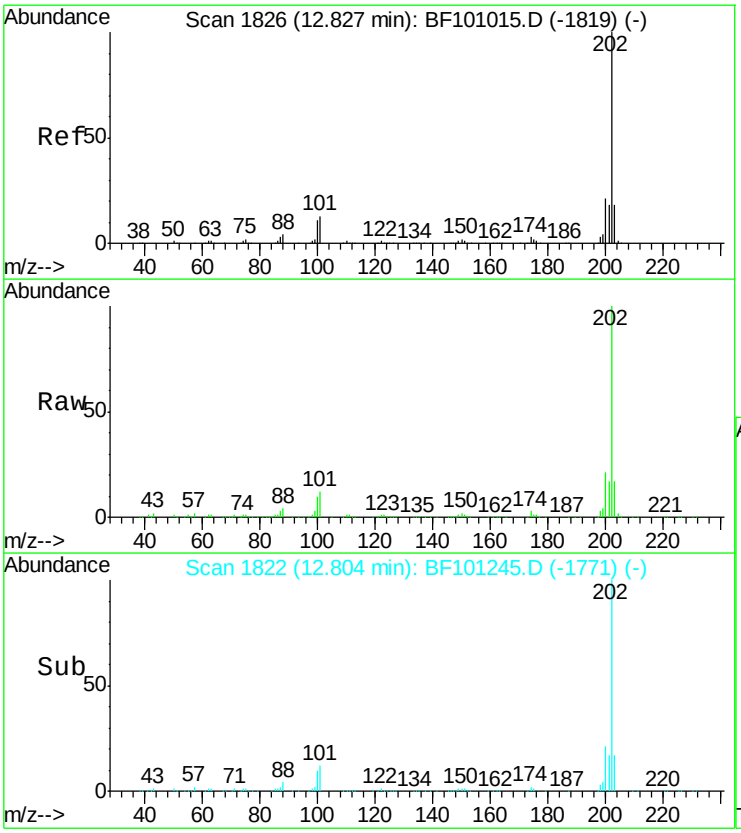
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Instrument : BNA_F
ClientSampleId : BU-01-120617

Tgt Ion:240 Resp: 101952

Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3#
236	24.2	20.7	31.1

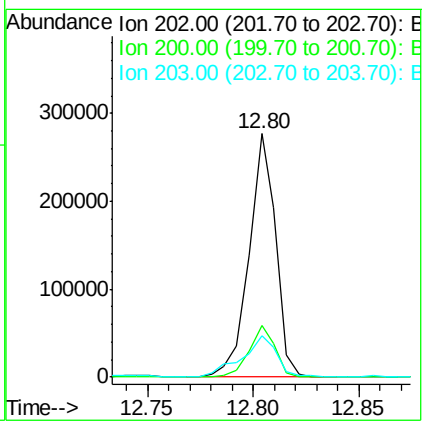


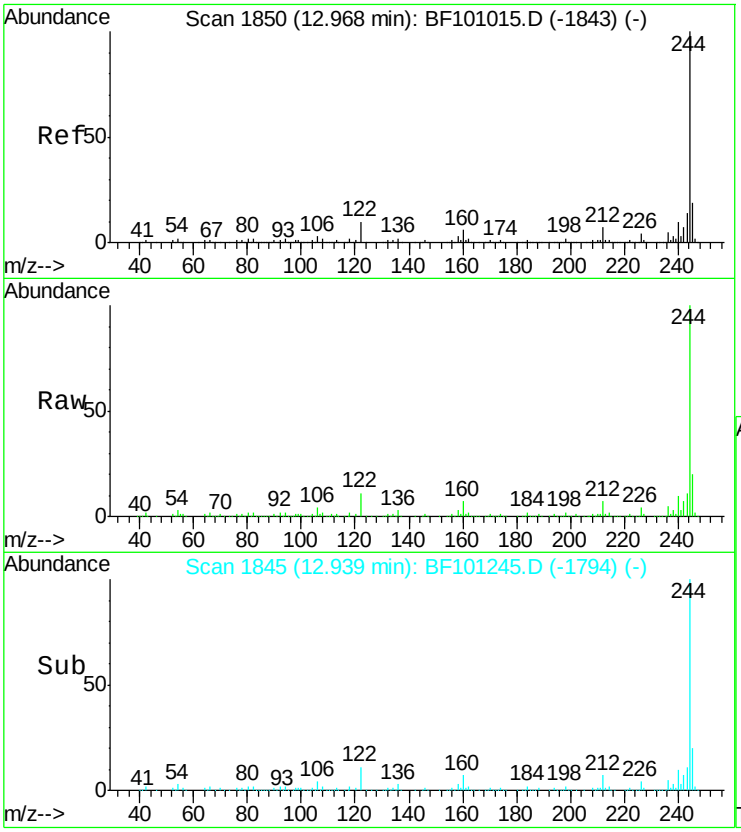


#77
Pyrene
Concen: 34.646 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Tgt Ion:202 Resp: 243735

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.1	14.3	21.5



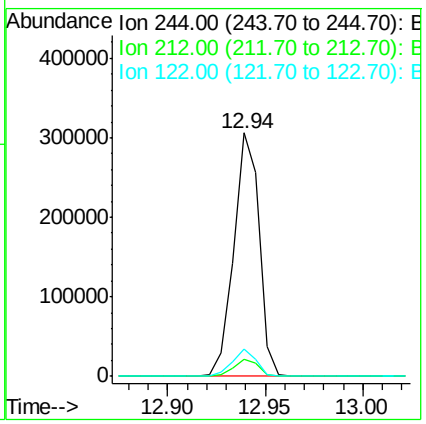


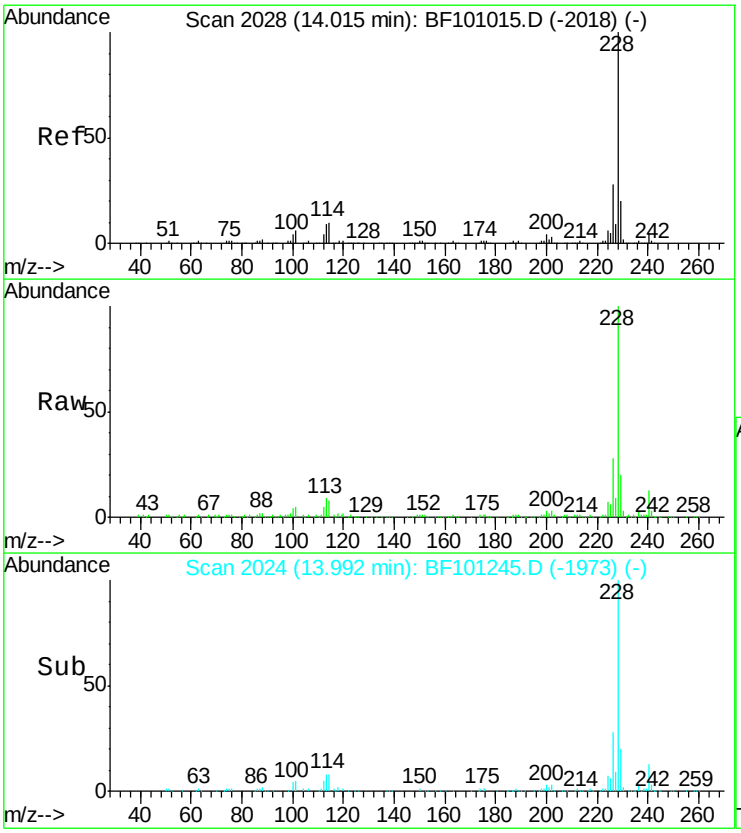
#78
Terphenyl-d14
Concen: 58.811 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Instrument :
BNA_F
ClientSampleId :
BU-01-120617

Tgt Ion:244 Resp: 274126

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.1	11.0	16.4

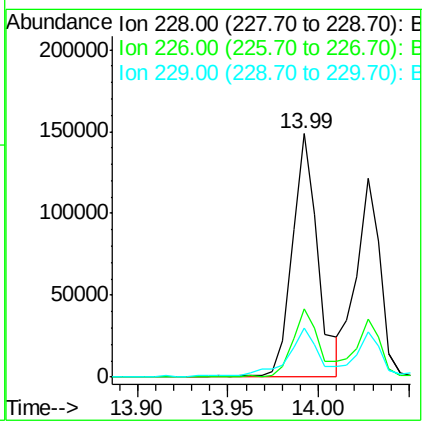


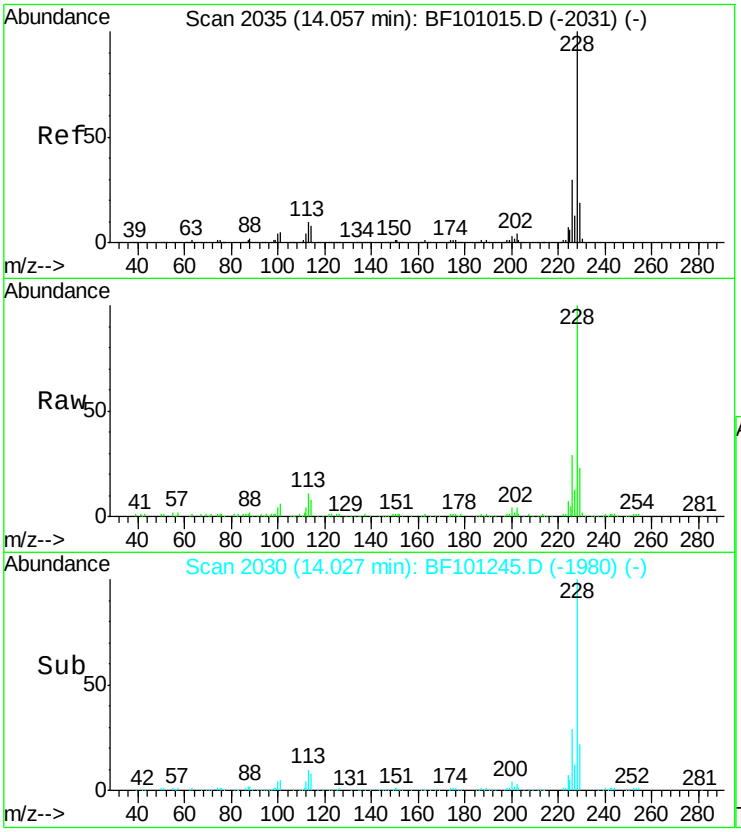


#80
Benzo(a)anthracene
Concen: 23.063 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Tgt Ion:228 Resp: 148460

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.0	15.8	23.6



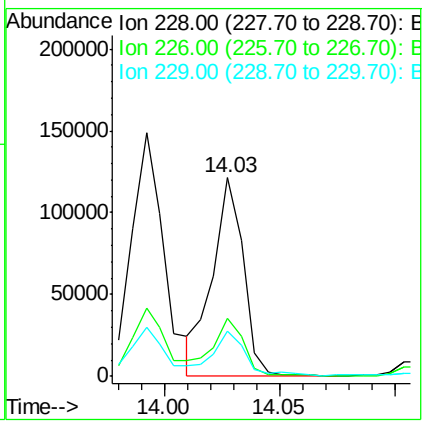


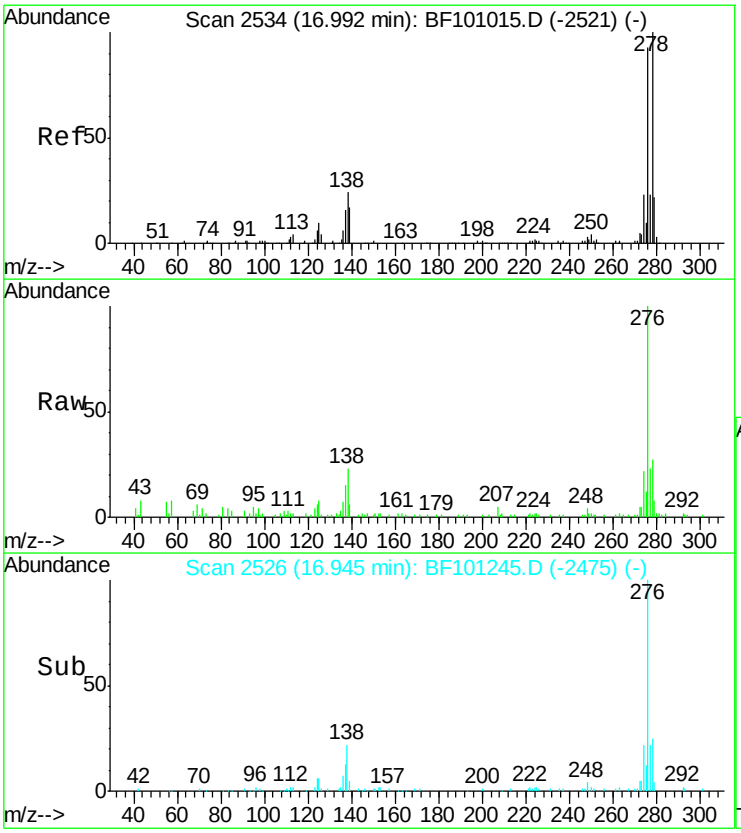
#82
Chrysene
Concen: 18.913 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Instrument :
BNA_F
ClientSampleId :
BU-01-120617

Tgt Ion:228 Resp: 113064

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.6
229	22.5	16.2	24.4

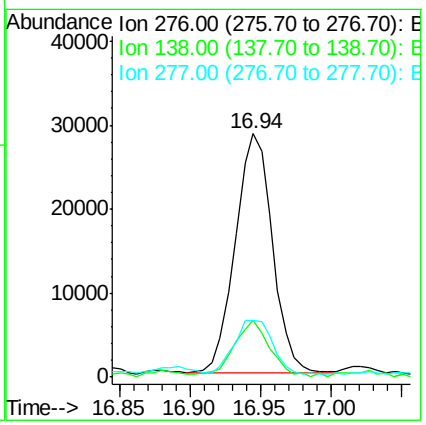


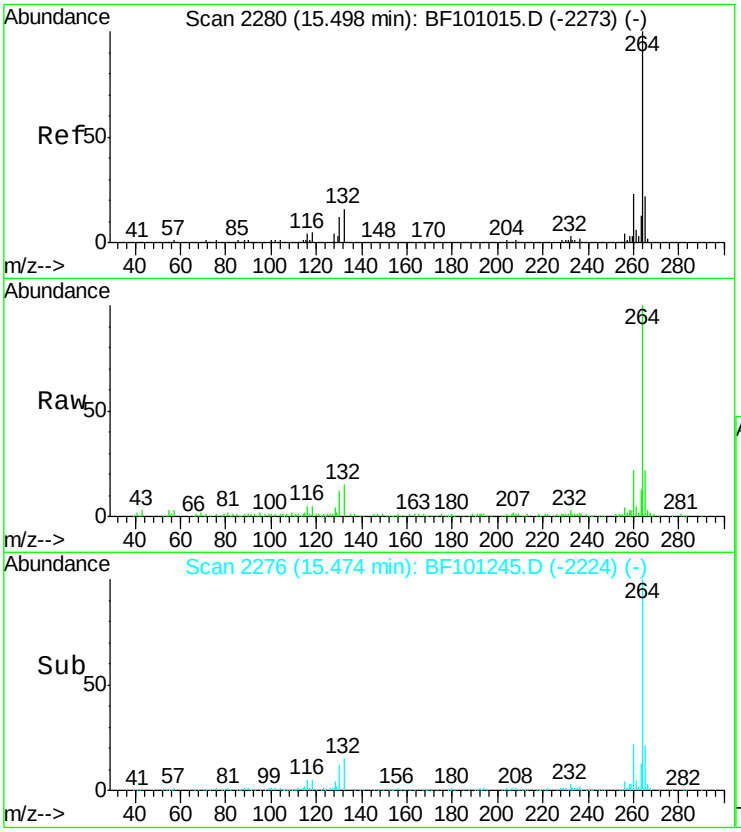


#85
Indeno(1,2,3-cd)pyrene
Concen: 9.876 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.00 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Tgt Ion:276 Resp: 52489

Ion	Ratio	Lower	Upper
276	100		
138	23.0	25.0	37.6#
277	24.0	20.1	30.1



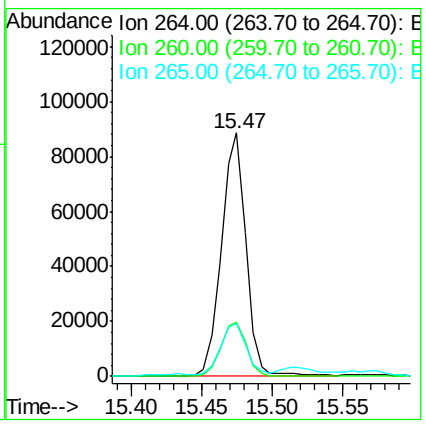


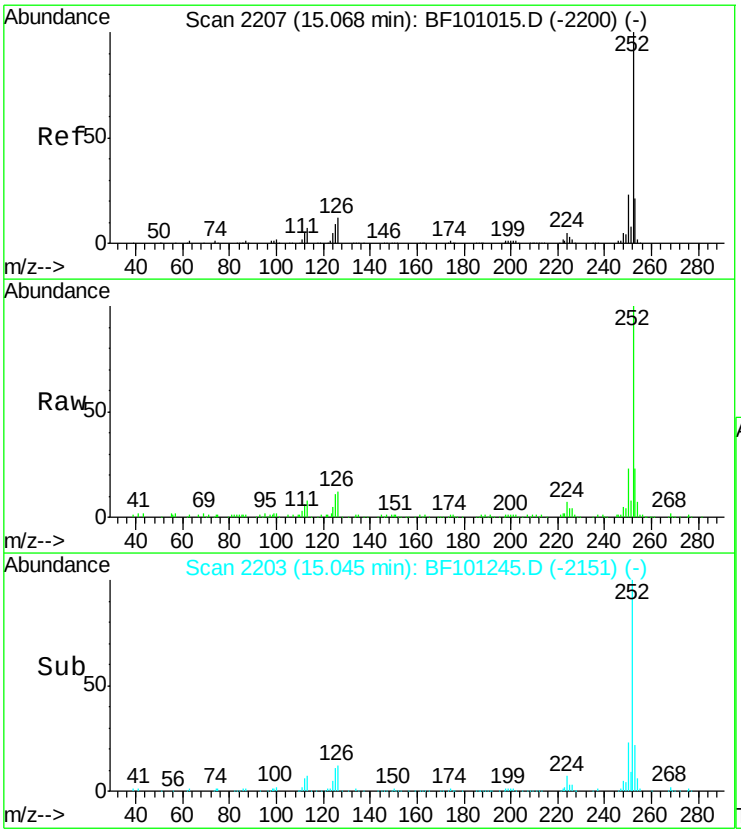
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Instrument :
BNA_F
ClientSampleId :
BU-01-120617

Tgt Ion:264 Resp: 107389

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	21.8	17.5	26.3

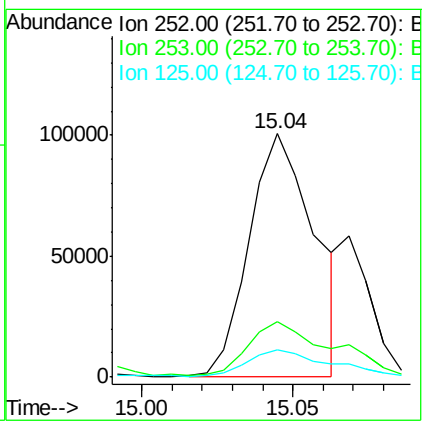


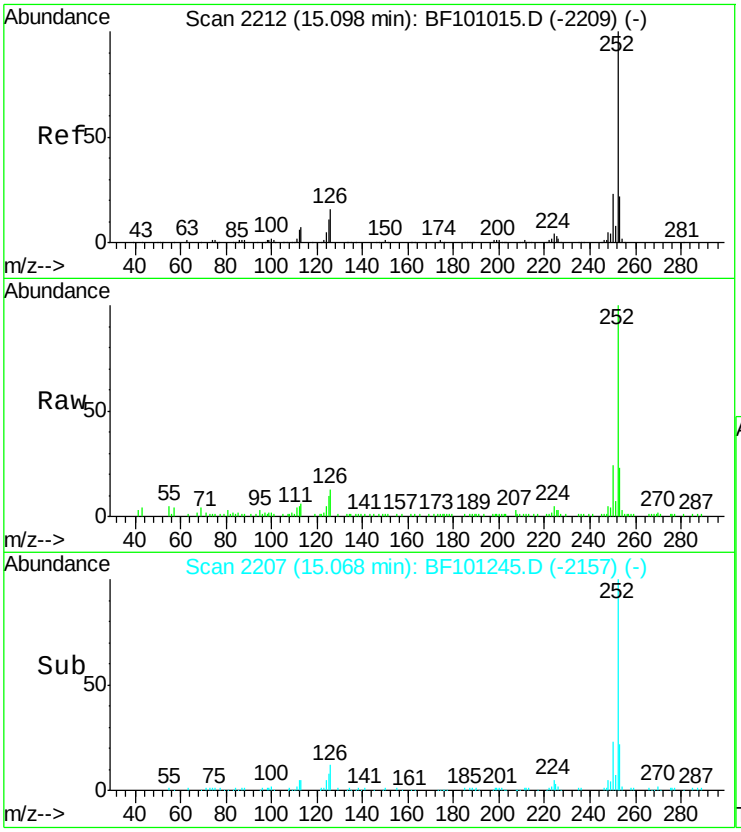


#87
Benzo(b)fluoranthene
Concen: 23.486 ng m
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Tgt Ion:252 Resp: 151072

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	11.4	9.0	13.6



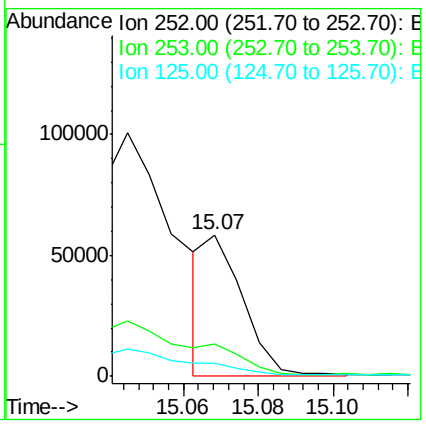


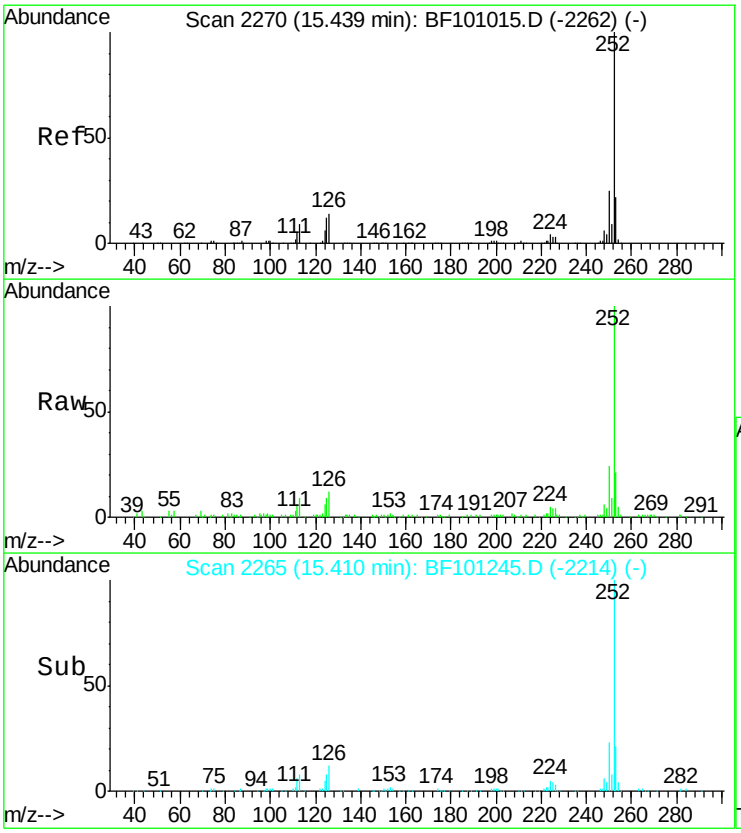
#88
Benzo(k)fluoranthene
Concen: 6.626 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Instrument :
BNA_F
ClientSampleId :
BU-01-120617

Tgt Ion:252 Resp: 41991

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	9.6	10.2	15.2#

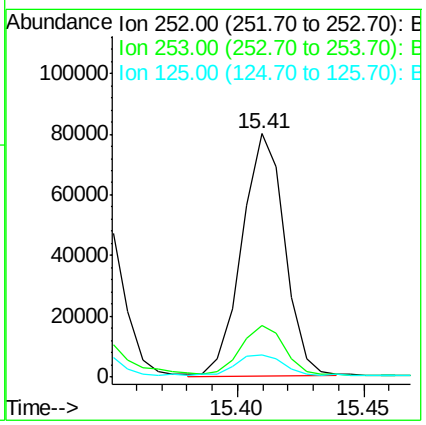


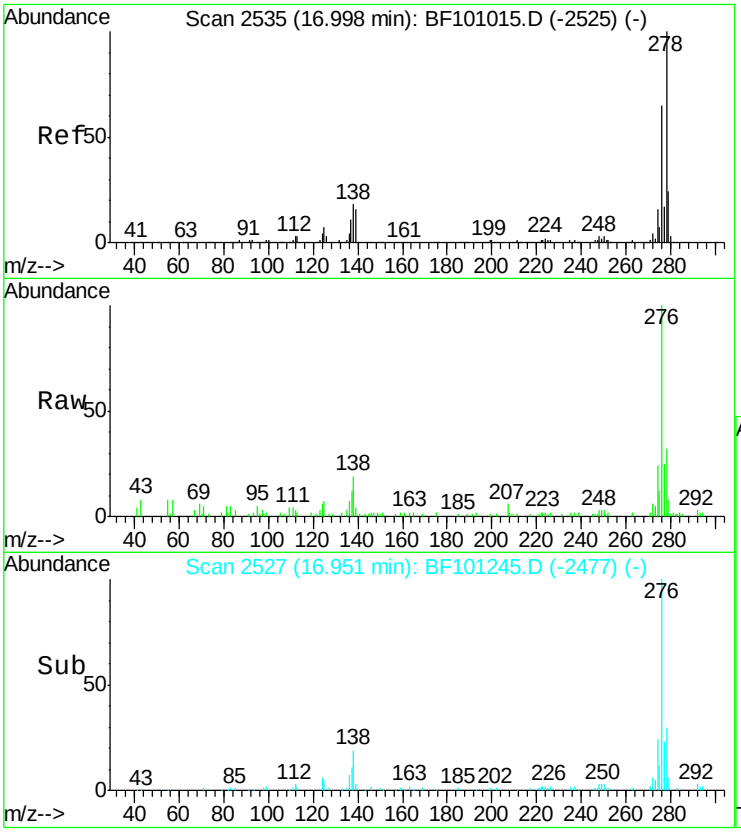


#89
Benzo(a)pyrene
Concen: 16.097 ng m
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Tgt Ion:252 Resp: 94134

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	8.9	9.8	14.6#



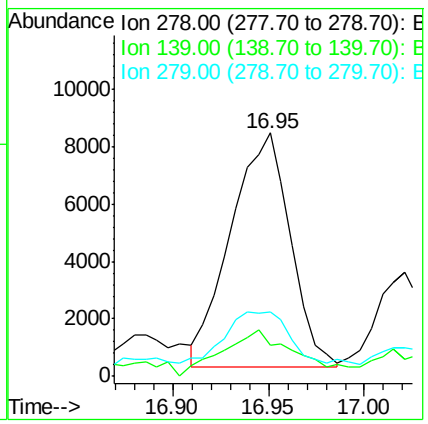


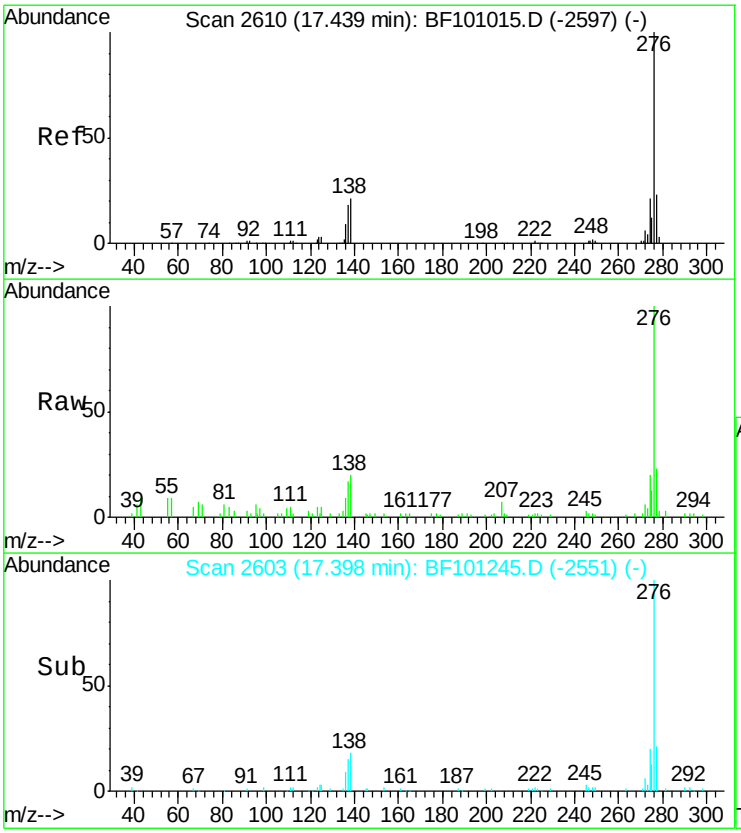
#90
Dibenzo(a,h)anthracene
Concen: 3.426 ng m
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Instrument :
BNA_F
ClientSampleId :
BU-01-120617

Tgt Ion:278 Resp: 17661

Ion	Ratio	Lower	Upper
278	100		
139	12.6	15.9	23.9#
279	26.4	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 9.856 ng
RT: 17.40 min Scan# 2603
Delta R.T. 0.01 min
Lab File: BF101245.D
Acq: 8 Dec 2017 19:31

Tgt Ion:276 Resp: 47887

Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	19.5	21.8	32.8#