Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101248.D
Acq On : 8 Dec 2017 20:52
Operator : SJ/JU
Sample : I6677-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-120717-B

Quant Time: Dec 08 22:53:52 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	44838	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	173694	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	72825	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	119173	20.00	ng		0.00
75) Chrysene-d12	14.00	240	97491	20.00	ng		0.00
86) Perylene-d12	15.47	264	80935	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	56892	20.97	ng		0.00
7) Phenol-d6	6.45	99	68862	20.90	ng		-0.01
23) Nitrobenzene-d5	7.39	82	39667	13.62	ng		-0.01
41) 2,4,6-Tribromophenol	10.66	330	14546	16.63	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	79983	15.03	ng		0.00
78) Terphenyl-d14	12.93	244	59106	13.26	ng		0.00
Target Compounds							Qvalue
70) Phenanthrene	11.38	178	60280	9.185	ng		96
71) Anthracene	11.43	178	15043	2.265	ng		98
74) Fluoranthene	12.57	202	84484	11.613	ng		93
77) Pyrene	12.80	202	71954	10.696	ng		98
80) Benzo(a)anthracene	13.99	228	30316m	4.925	ng		
82) Chrysene	14.03	228	29855	5.222	ng		96
85) Indeno(1,2,3-cd)pyrene	16.94	276	11249	2.213	ng		91
87) Benzo(b)fluoranthene	15.04	252	30925m	6.379	ng		
89) Benzo(a)pyrene	15.41	252	21453	4.868	ng		95
91) Benzo(g,h,i)perylene	17.40	276	11112	3.035	ng	#	86

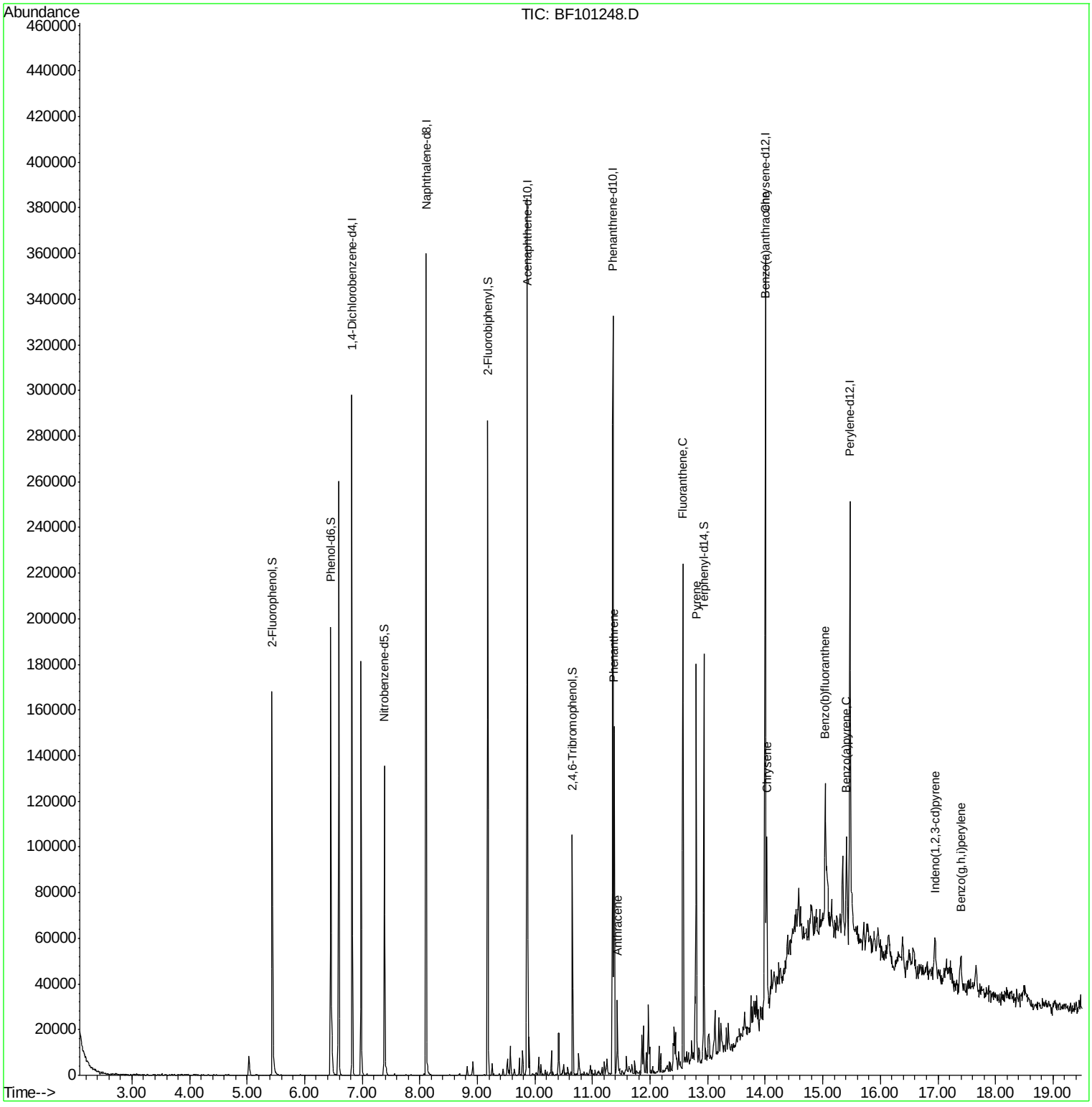
(#) = qualifier out of range (m) = manual integration (+) = signals summed

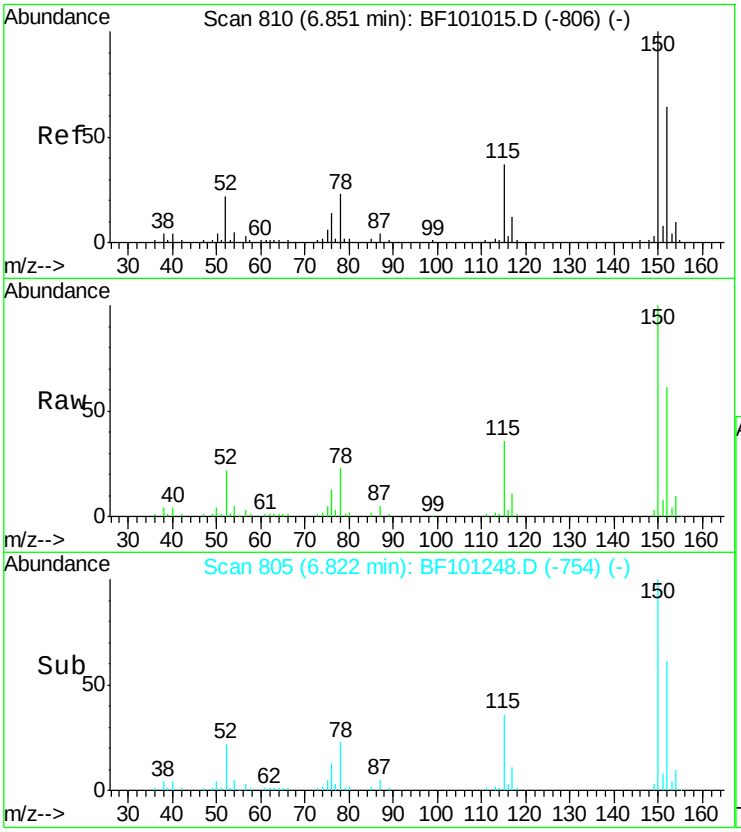
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101248.D
Acq On : 8 Dec 2017 20:52
Operator : SJ/JU
Sample : I6677-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-120717-B

Quant Time: Dec 08 22:53:52 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



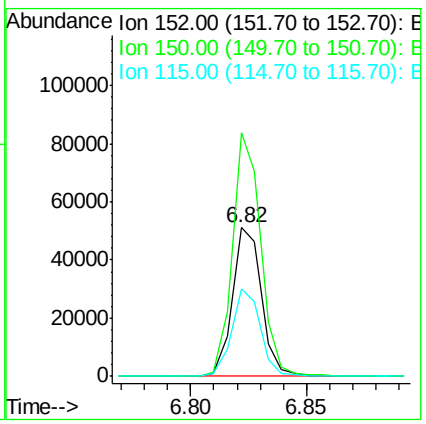


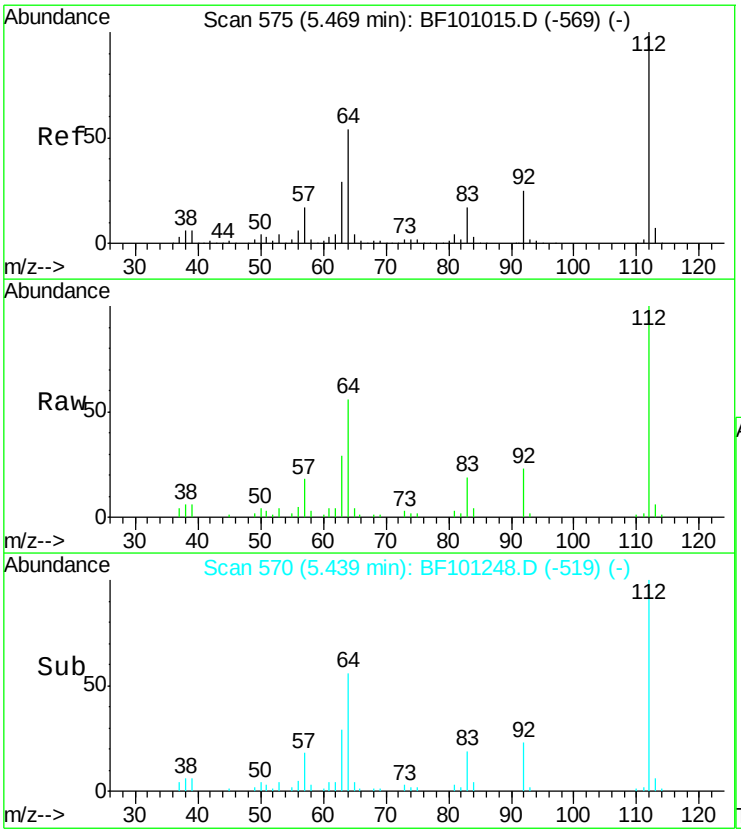
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF101248.D
Acq: 8 Dec 2017 20:52

Instrument :
BNA_F
ClientSampleId :
OR-03-120717-B

Tgt Ion:152 Resp: 44838

Ion	Ratio	Lower	Upper
152	100		
150	163.8	124.6	186.8
115	59.1	50.1	75.1

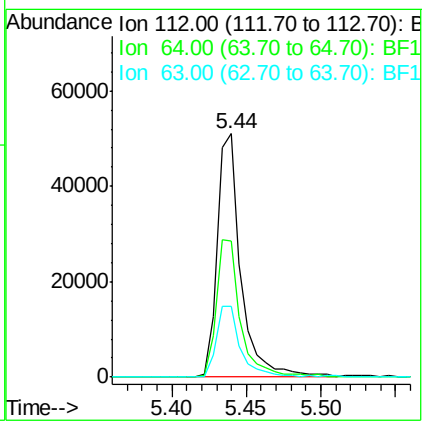


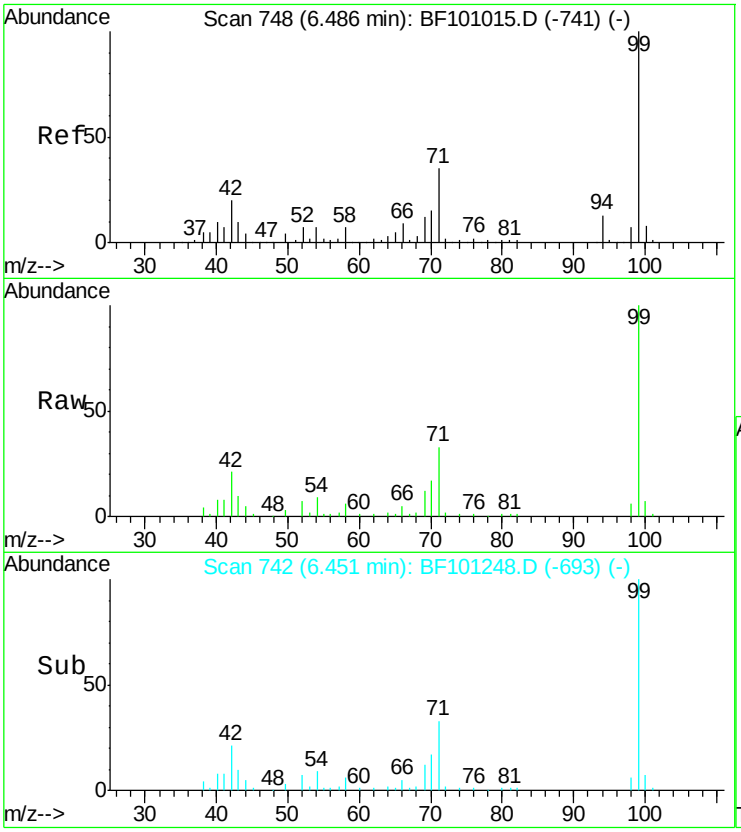


#5
2-Fluorophenol
Concen: 20.967 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF101248.D
Acq: 8 Dec 2017 20:52

Tgt Ion:112 Resp: 56892

Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.9	71.9
63	29.2	23.7	35.5



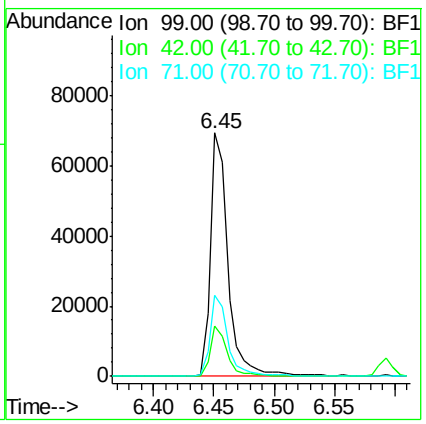


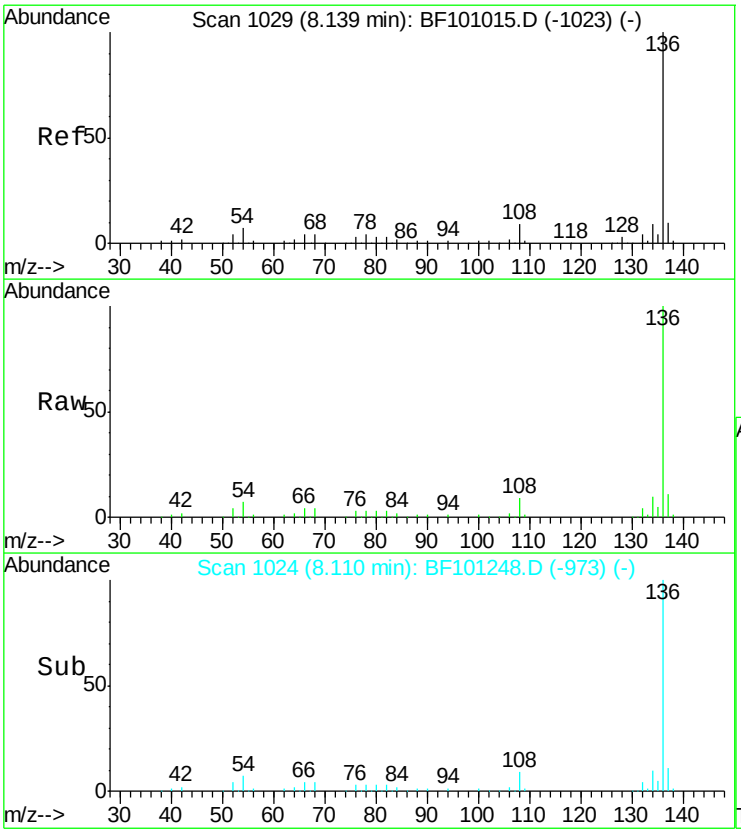
#7
Phenol-d6
Concen: 20.903 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF101248.D
Acq: 8 Dec 2017 20:52

Instrument :
BNA_F
ClientSampleId :
OR-03-120717-B

Tgt Ion: 99 Resp: 68862

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	33.2	25.4	38.0

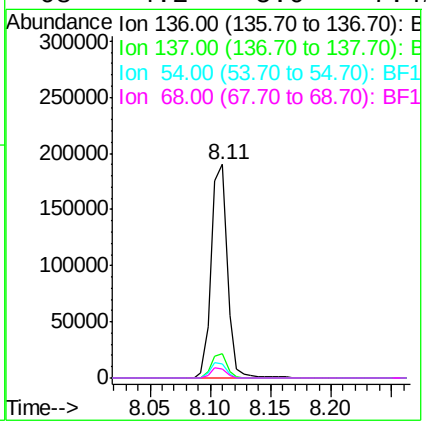


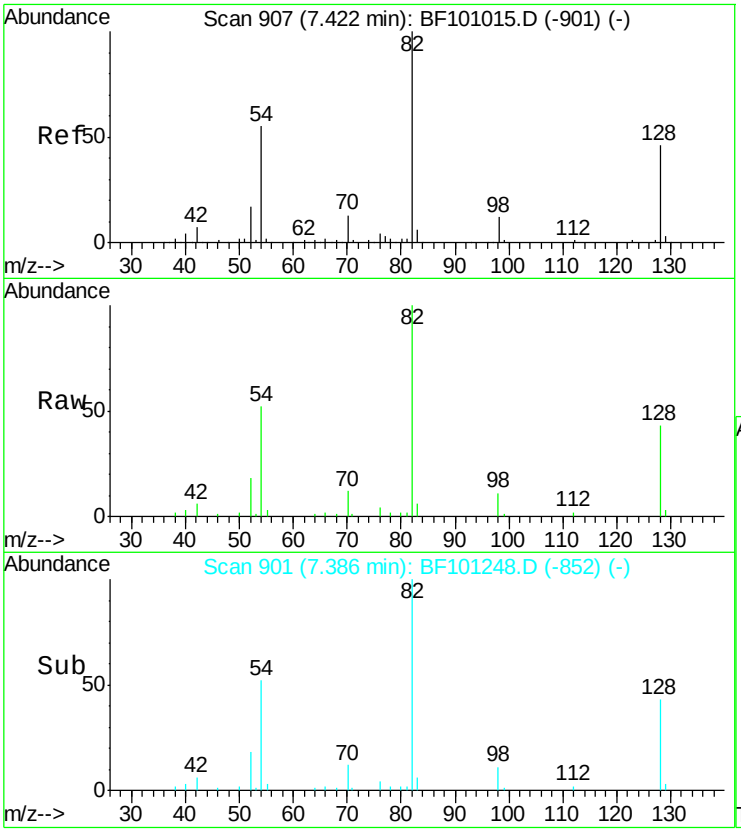


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF101248.D
Acq: 8 Dec 2017 20:52

Tgt Ion:136 Resp: 173694

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.8	6.6	9.8
68	4.2	5.0	7.4#



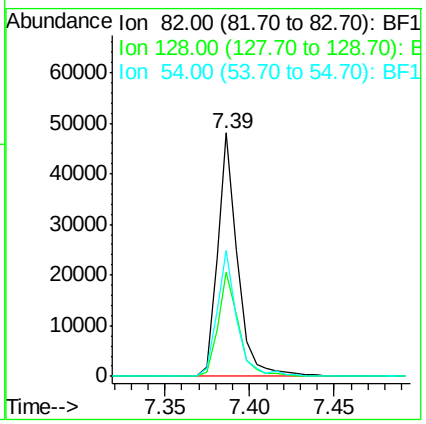


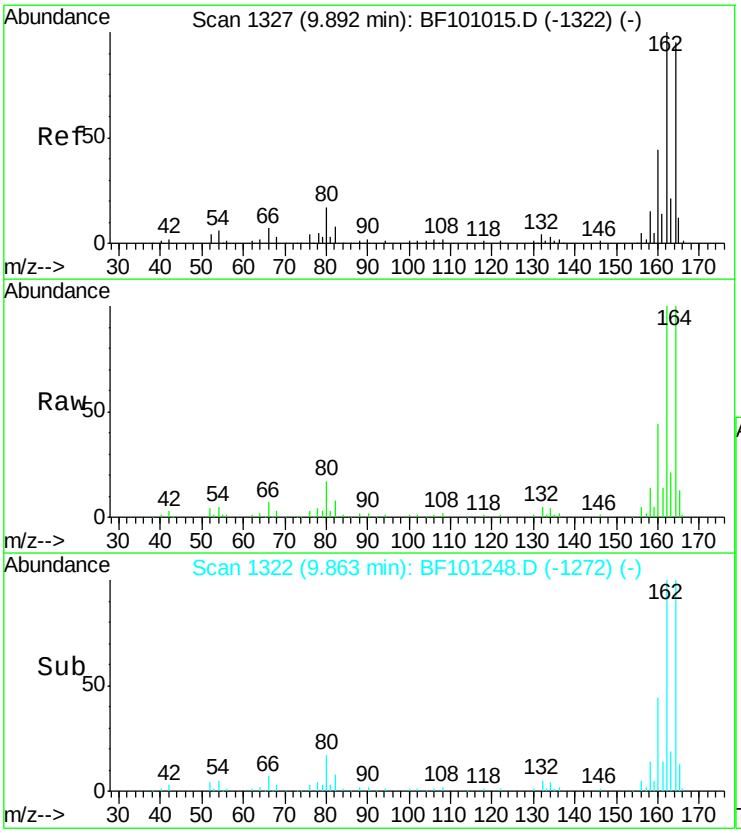
#23
Nitrobenzene-d5
Concen: 13.623 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101248.D
Acq: 8 Dec 2017 20:52

Instrument :
BNA_F
ClientSampleId :
OR-03-120717-B

Tgt Ion: 82 Resp: 39667

Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.1	54.1
54	52.0	41.4	62.2

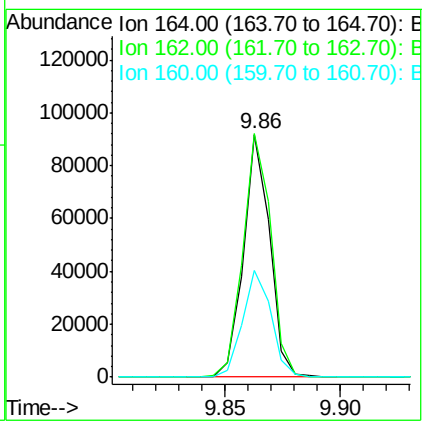


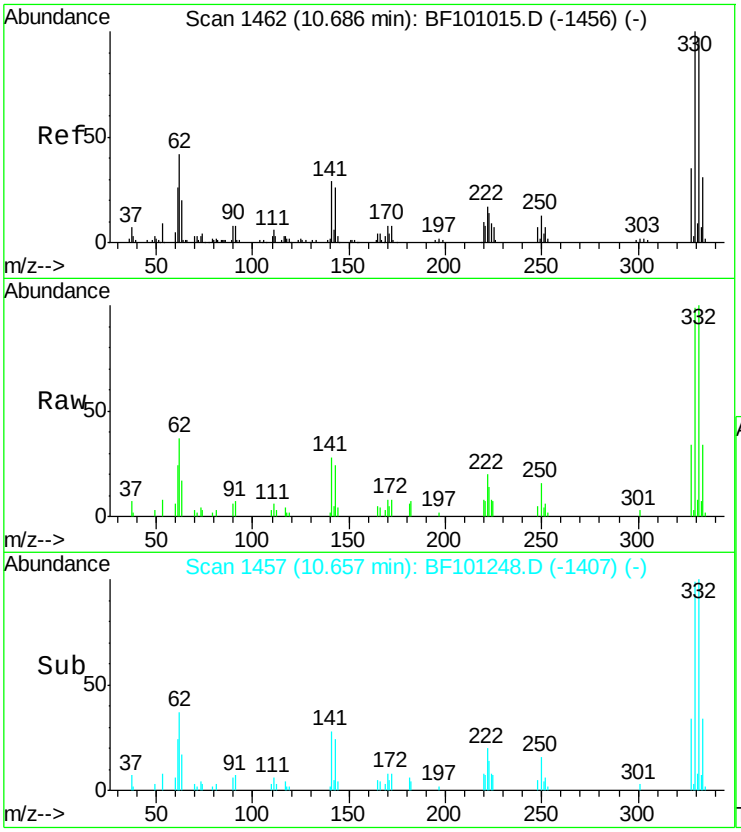


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101248.D
Acq: 8 Dec 2017 20:52

Tgt Ion:164 Resp: 72825

Ion	Ratio	Lower	Upper
164	100		
162	100.4	86.1	129.1
160	44.0	38.3	57.5



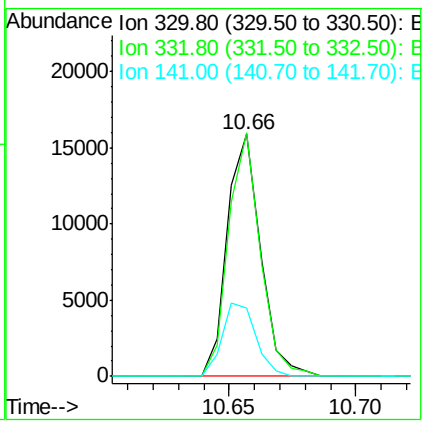


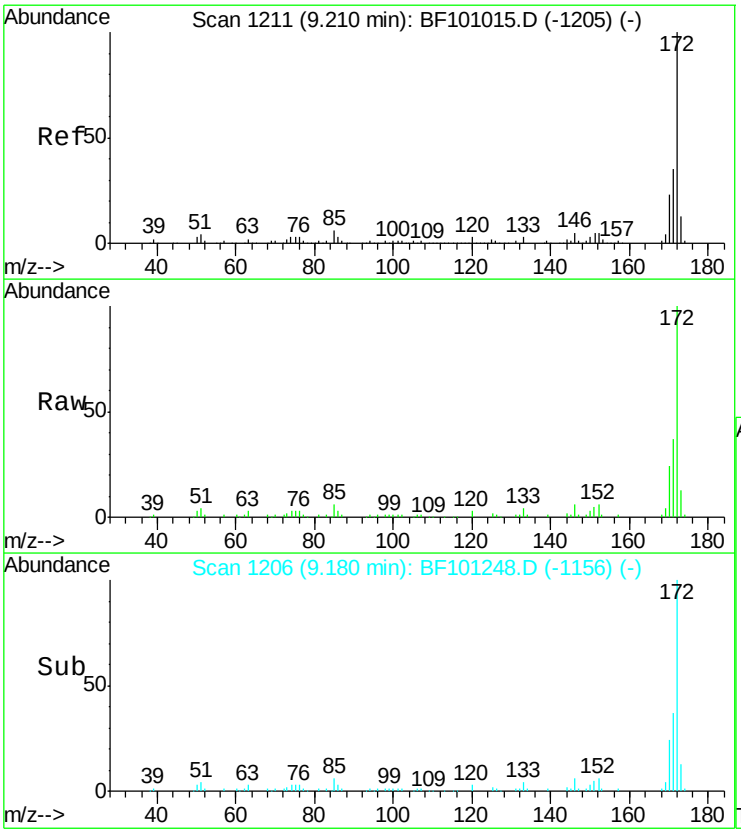
#41
2,4,6-Tribromophenol
Concen: 16.627 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF101248.D
Acq: 8 Dec 2017 20:52

Instrument :
BNA_F
ClientSampleId :
OR-03-120717-B

Tgt Ion:330 Resp: 14546

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	30.6	29.9	44.9

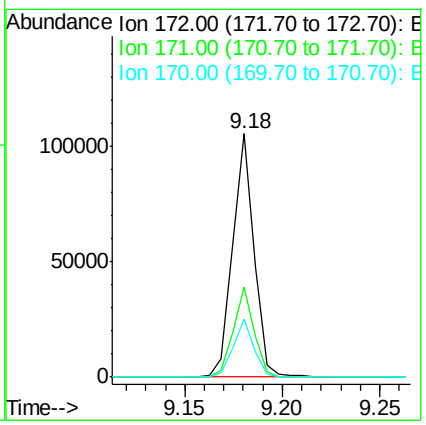


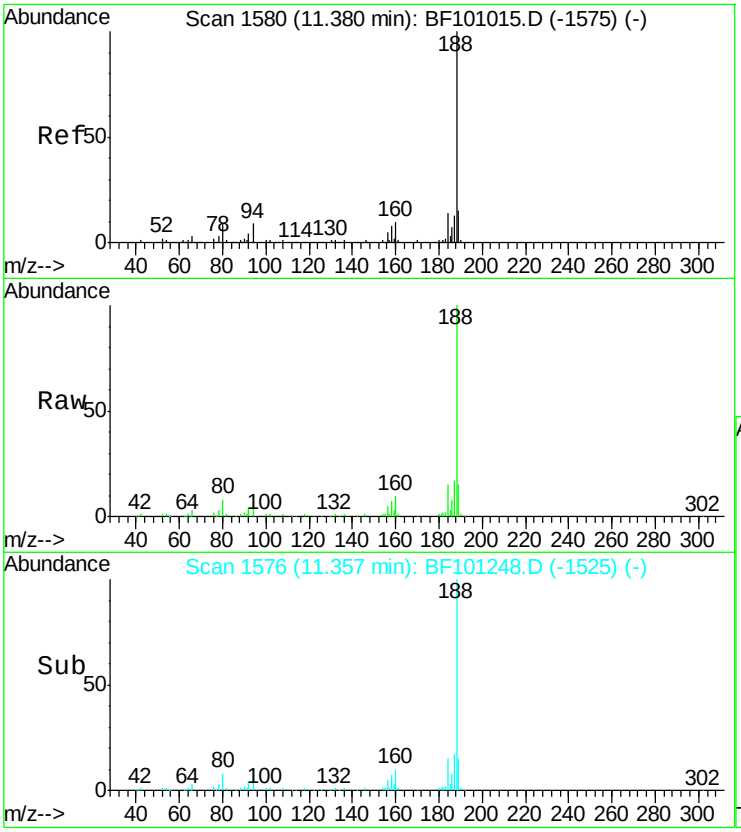


#44
2-Fluorobiphenyl
Concen: 15.027 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101248.D
Acq: 8 Dec 2017 20:52

Tgt Ion:172 Resp: 79983

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	23.9	19.6	29.4



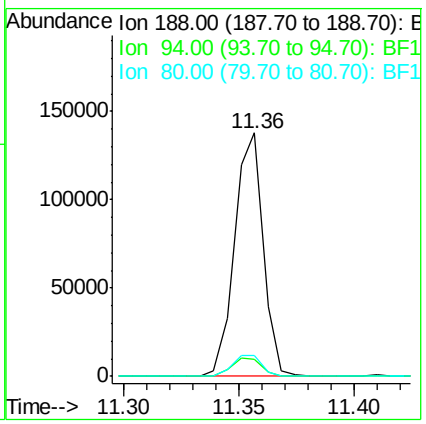


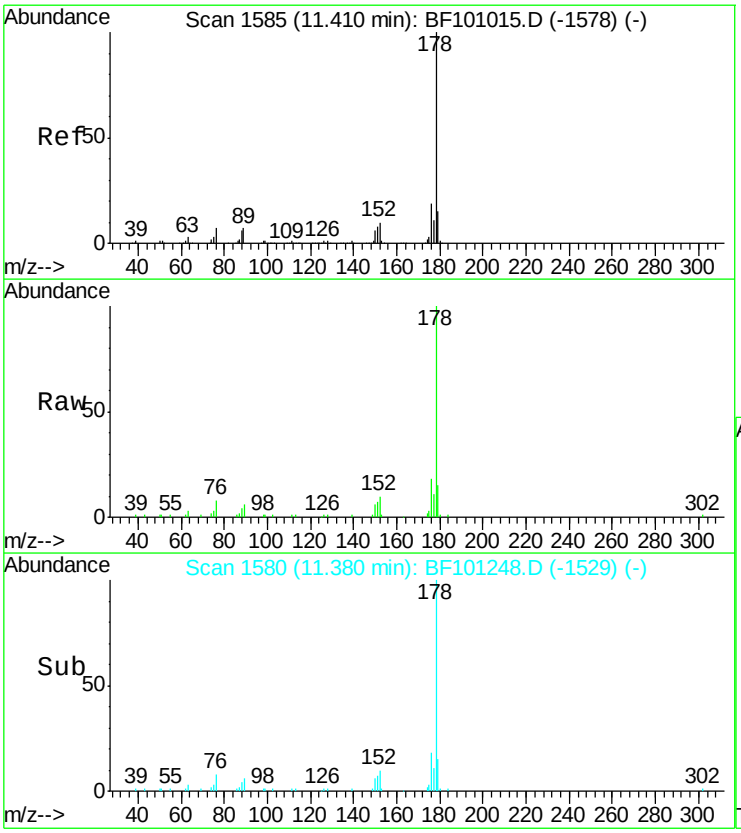
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF101248.D
Acq: 8 Dec 2017 20:52

Instrument :
BNA_F
ClientSampleId :
OR-03-120717-B

Tgt Ion:188 Resp: 119173

Ion	Ratio	Lower	Upper
188	100		
94	6.9	8.5	12.7#
80	8.5	9.2	13.8#

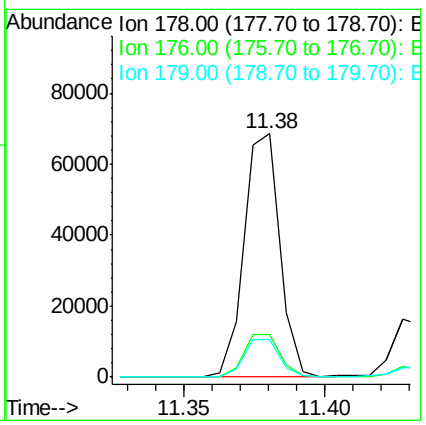


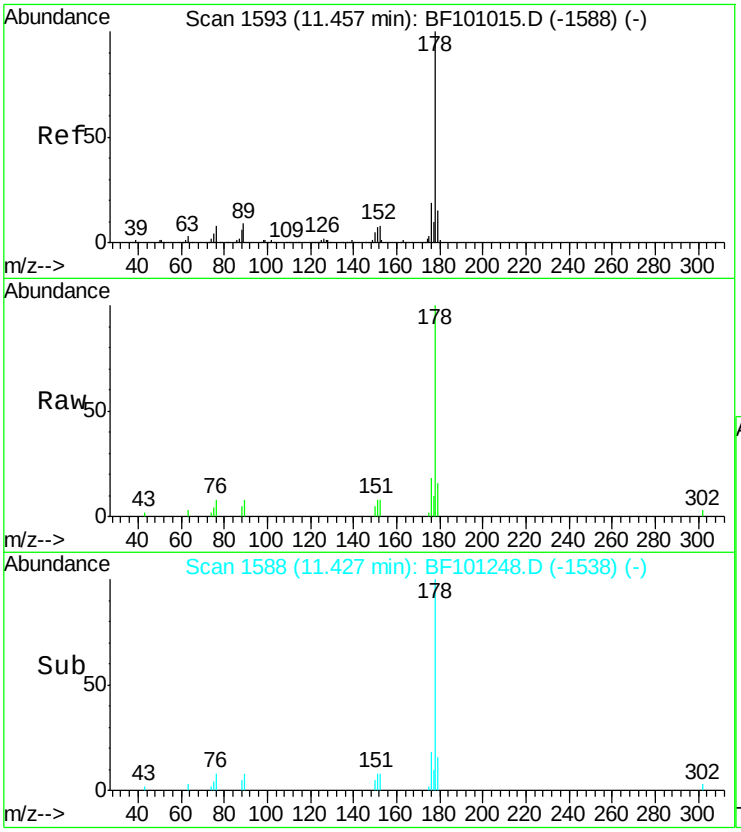


#70
Phenanthrene
Concen: 9.185 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF101248.D
Acq: 8 Dec 2017 20:52

Tgt Ion:178 Resp: 60280

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.8	23.8
179	15.3	13.0	19.6



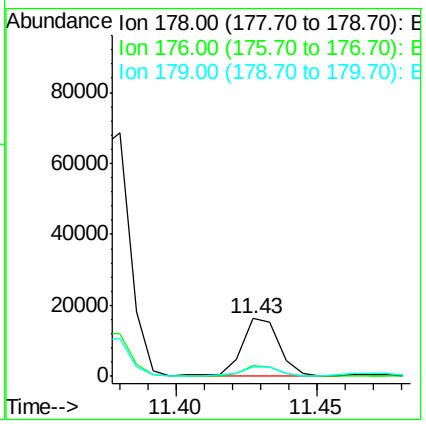


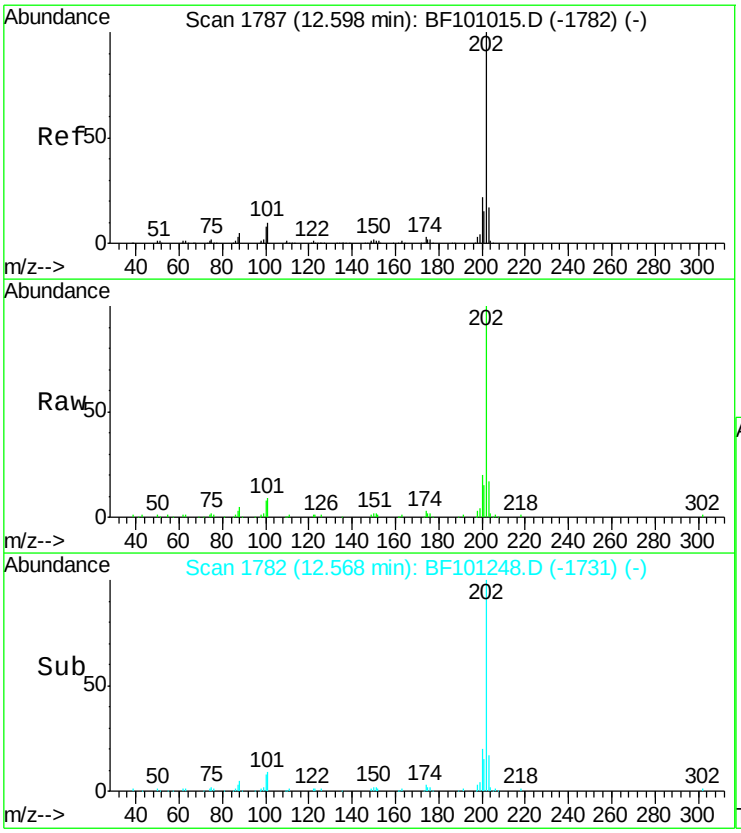
#71
Anthracene
Concen: 2.265 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF101248.D
Acq: 8 Dec 2017 20:52

Instrument :
BNA_F
ClientSampleId :
OR-03-120717-B

Tgt Ion:178 Resp: 15043

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	16.4	12.6	19.0

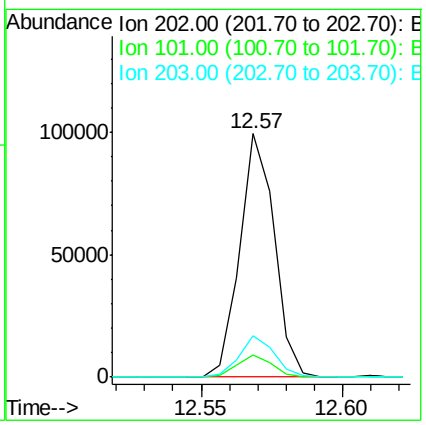


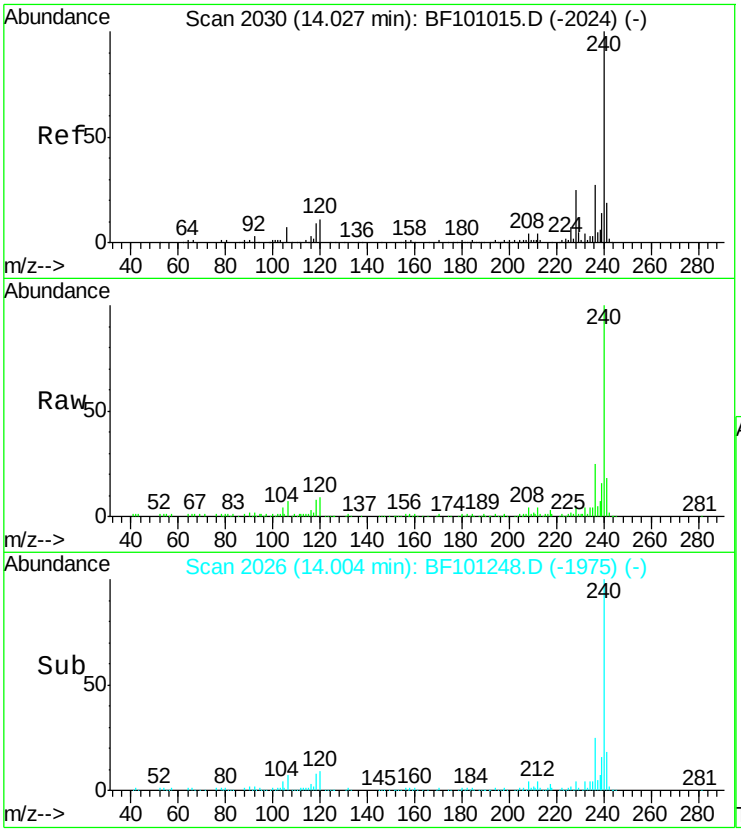


#74
Fluoranthene
Concen: 11.613 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BF101248.D
Acq: 8 Dec 2017 20:52

Tgt Ion:202 Resp: 84484

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	34.1
203	17.0	0.0	38.1



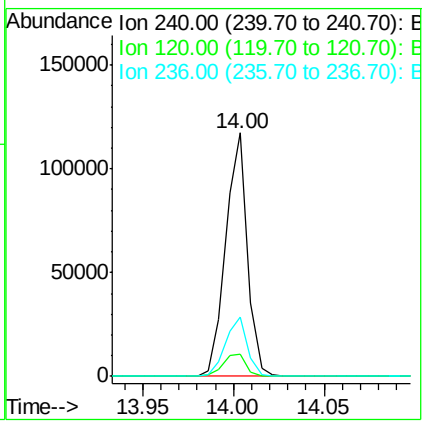


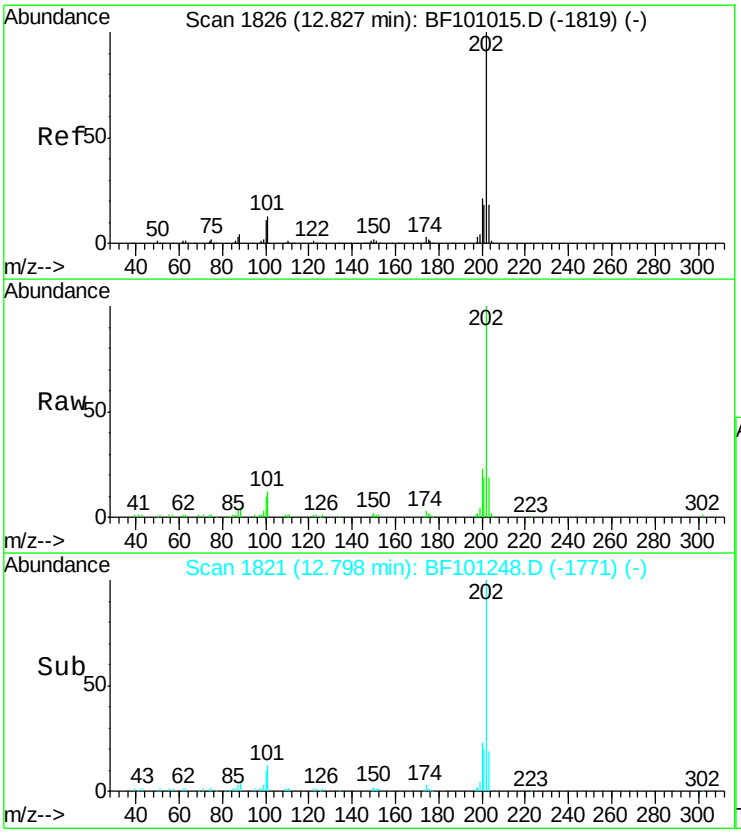
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF101248.D
Acq: 8 Dec 2017 20:52

Instrument :
BNA_F
ClientSampleId :
OR-03-120717-B

Tgt Ion:240 Resp: 97491

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.5	14.3#
236	24.5	20.7	31.1

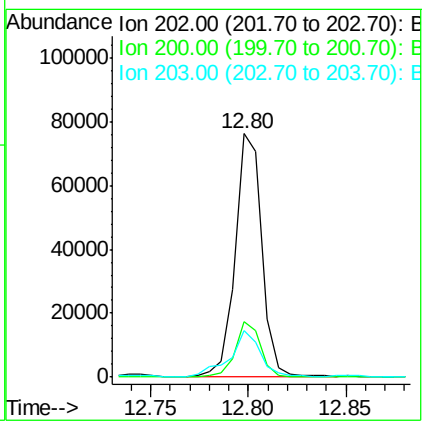


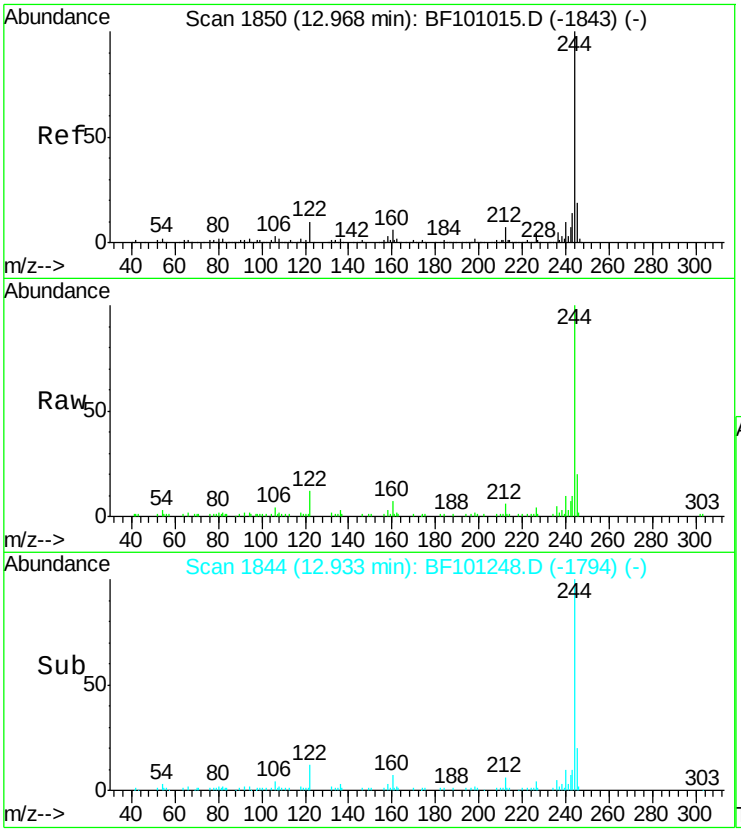


#77
Pyrene
Concen: 10.696 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF101248.D
Acq: 8 Dec 2017 20:52

Tgt Ion:202 Resp: 71954

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.4	26.2
203	19.1	14.3	21.5



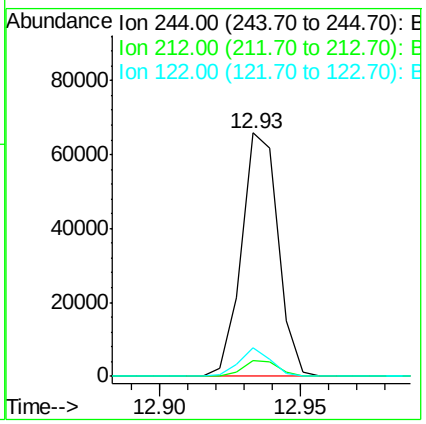


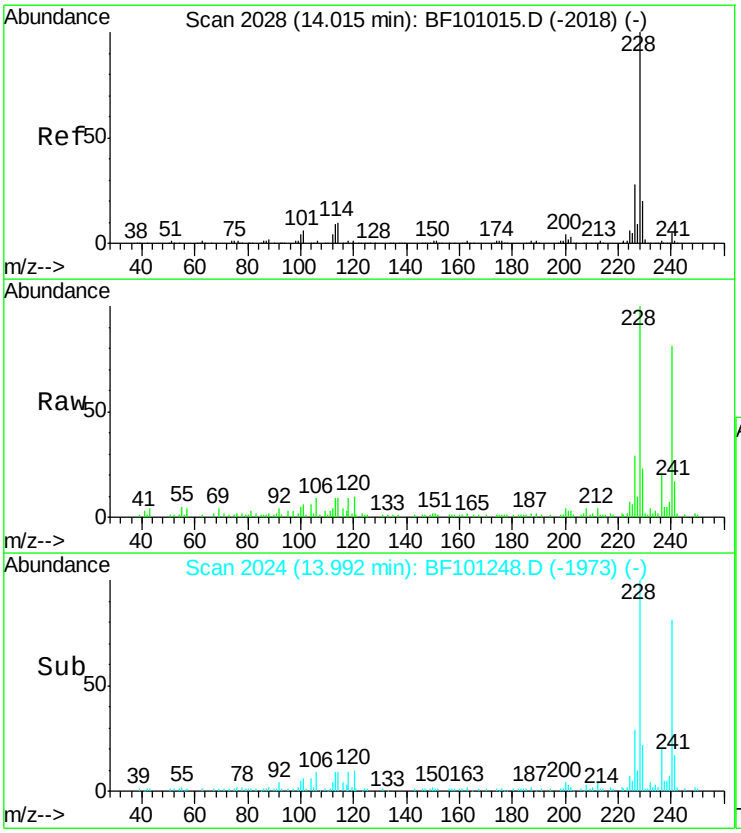
#78
Terphenyl-d14
Concen: 13.261 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF101248.D
Acq: 8 Dec 2017 20:52

Instrument :
BNA_F
ClientSampleId :
OR-03-120717-B

Tgt Ion:244 Resp: 59106

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	11.6	11.0	16.4

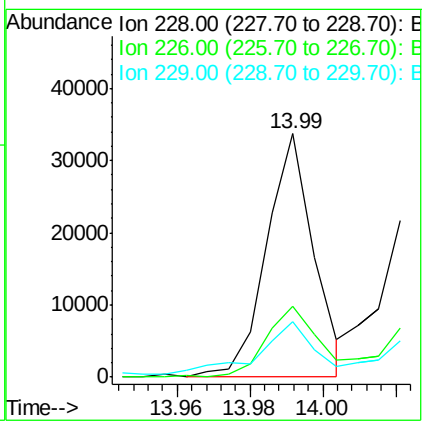


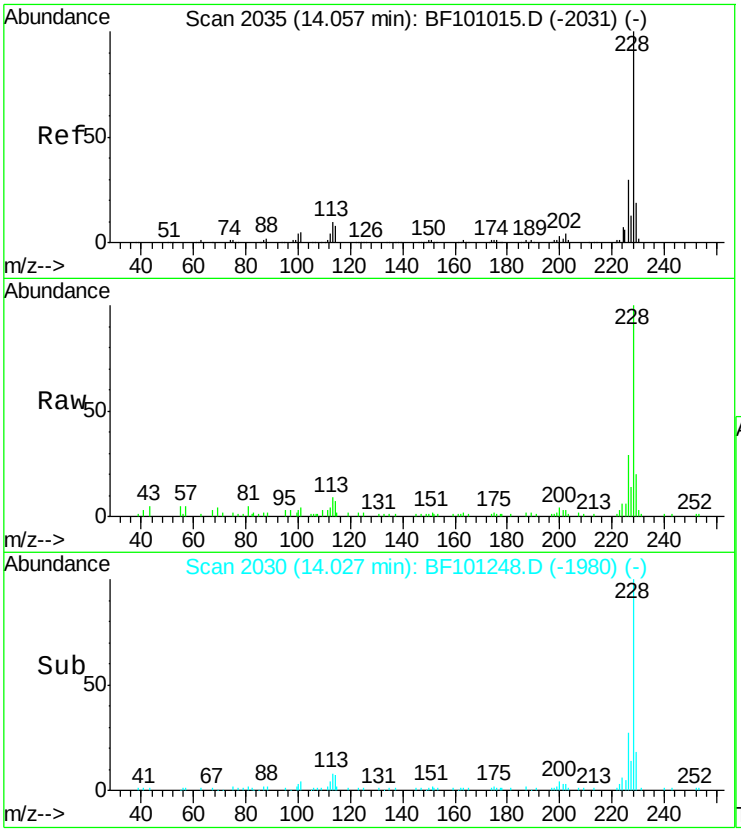


#80
Benzo(a)anthracene
Concen: 4.925 ng m
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF101248.D
Acq: 8 Dec 2017 20:52

Tgt Ion:228 Resp: 30316

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	22.8	15.8	23.6



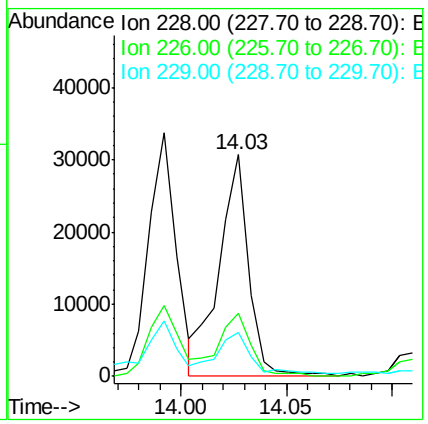


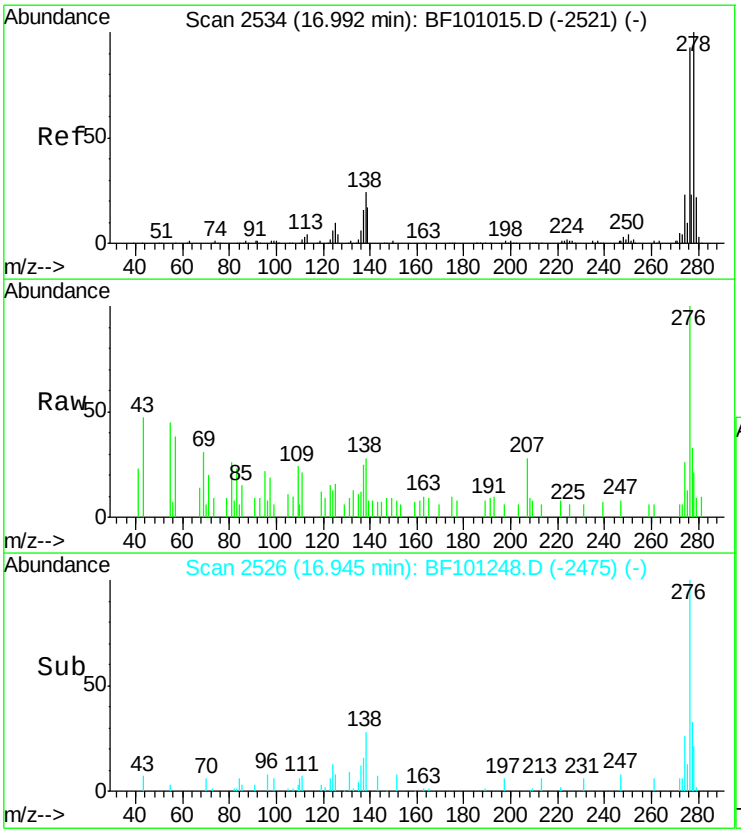
#82
Chrysene
Concen: 5.222 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF101248.D
Acq: 8 Dec 2017 20:52

Instrument :
BNA_F
ClientSampleId :
OR-03-120717-B

Tgt Ion:228 Resp: 29855

Ion	Ratio	Lower	Upper
228	100		
226	28.5	25.0	37.6
229	19.8	16.2	24.4

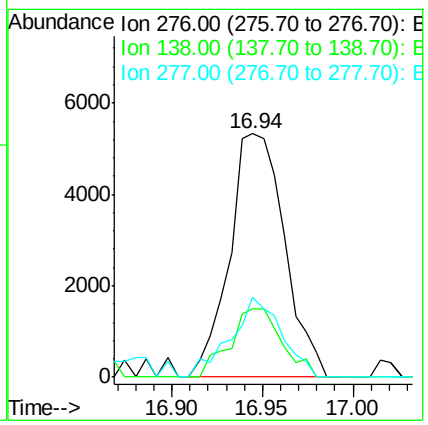


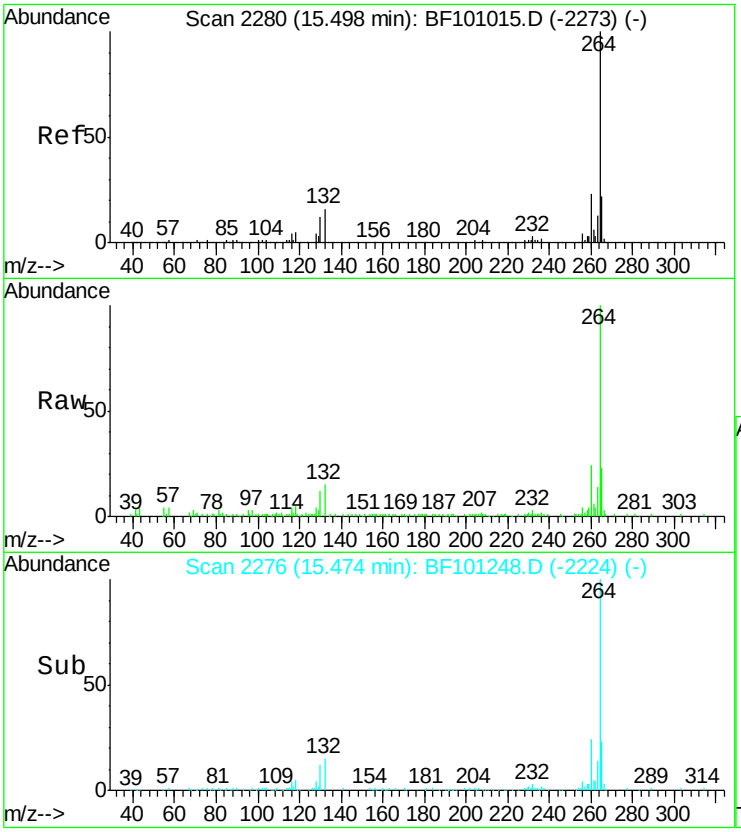


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.213 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.00 min
Lab File: BF101248.D
Acq: 8 Dec 2017 20:52

Tgt Ion:276 Resp: 11249

Ion	Ratio	Lower	Upper
276	100		
138	26.7	25.0	37.6
277	30.1	20.1	30.1



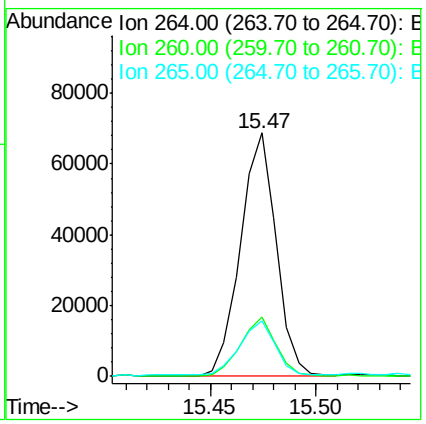


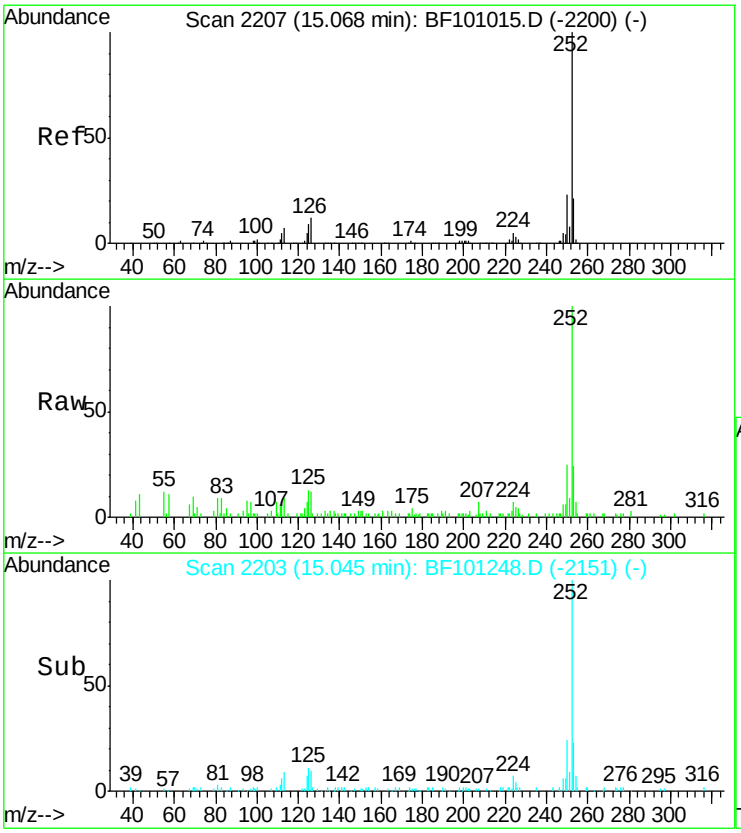
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF101248.D
Acq: 8 Dec 2017 20:52

Instrument :
BNA_F
ClientSampleId :
OR-03-120717-B

Tgt Ion:264 Resp: 80935

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	23.0	17.5	26.3

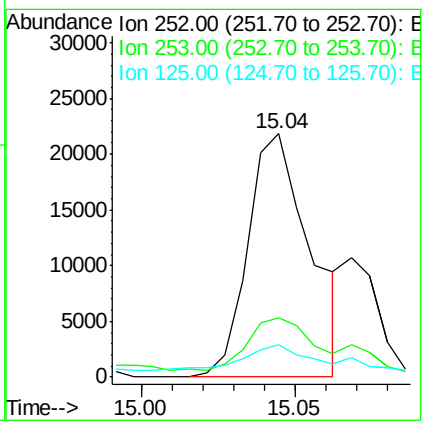


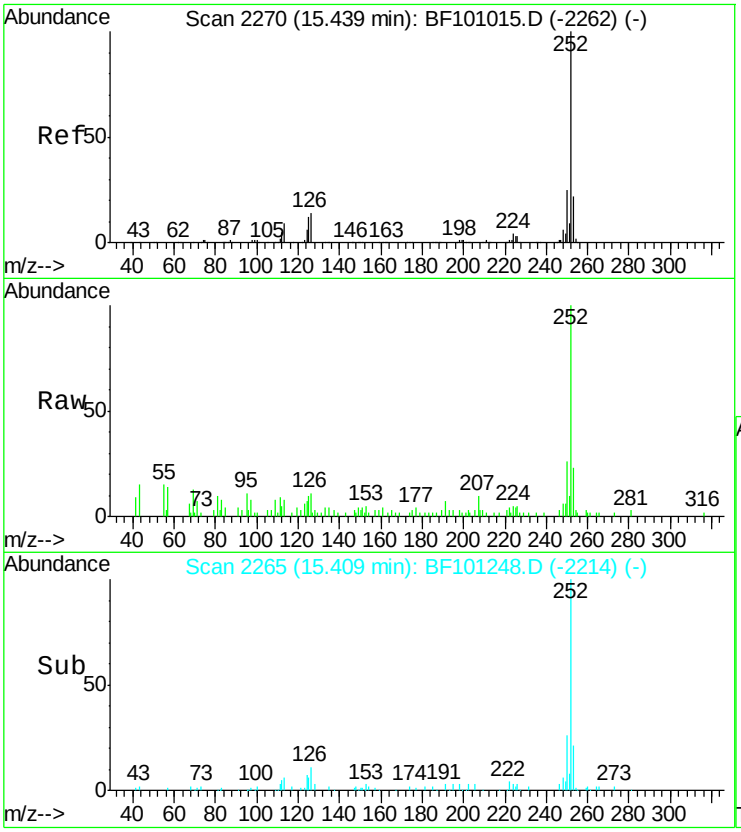


#87
Benzo(b)fluoranthene
Concen: 6.379 ng m
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF101248.D
Acq: 8 Dec 2017 20:52

Tgt Ion:252 Resp: 30925

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	13.1	9.0	13.6



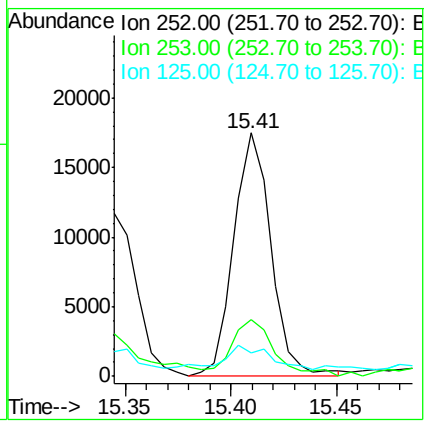


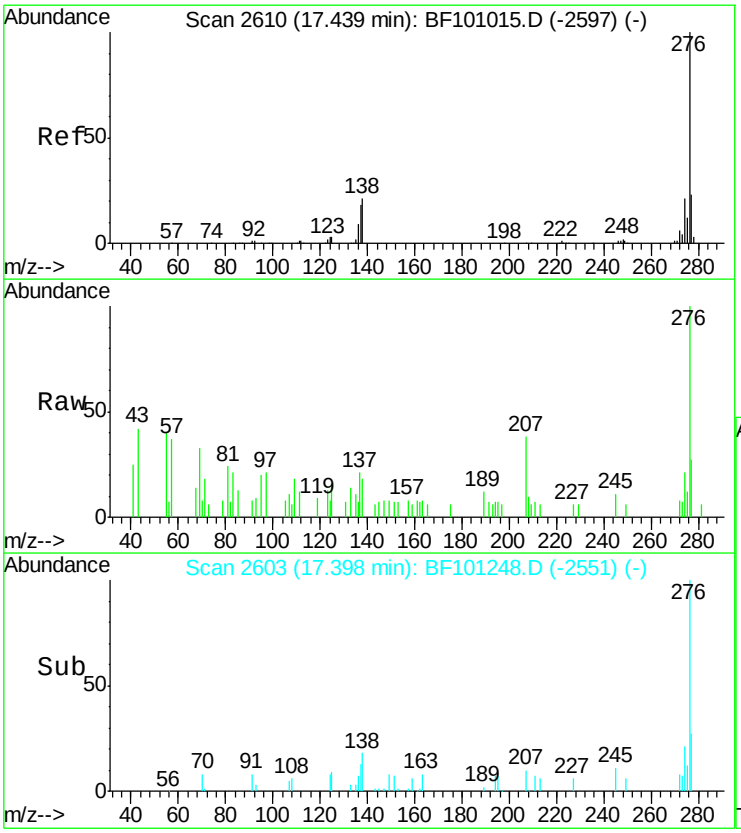
#89
Benzo(a)pyrene
Concen: 4.868 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BF101248.D
Acq: 8 Dec 2017 20:52

Instrument :
BNA_F
ClientSampleId :
OR-03-120717-B

Tgt Ion:252 Resp: 21453

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	9.8	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.035 ng
RT: 17.40 min Scan# 2603
Delta R.T. 0.01 min
Lab File: BF101248.D
Acq: 8 Dec 2017 20:52

Tgt Ion:276 Resp: 11112

Ion	Ratio	Lower	Upper
276	100		
277	27.0	17.9	26.9#
138	18.2	21.8	32.8#