Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101242.D
Acq On : 8 Dec 2017 18:10
Operator : SJ/JU
Sample : I6680-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-120617-A

Quant Time: Dec 08 21:55:54 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	42805	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	167302	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	70767	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	120310	20.00	ng		0.00
75) Chrysene-d12	14.00	240	97692	20.00	ng		0.00
86) Perylene-d12	15.47	264	91121	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	53523	20.66	ng		0.00
7) Phenol-d6	6.45	99	63337	20.14	ng		-0.01
23) Nitrobenzene-d5	7.39	82	37289	13.30	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	14103	16.59	ng		-0.01
44) 2-Fluorobiphenyl	9.18	172	88059	17.03	ng		0.00
78) Terphenyl-d14	12.93	244	64183	14.37	ng		0.00
Target Compounds							Qvalue
70) Phenanthrene	11.37	178	49494	7.470	ng		99
71) Anthracene	11.43	178	15365	2.291	ng		97
74) Fluoranthene	12.57	202	43344	5.902	ng		94
77) Pyrene	12.80	202	51748	7.677	ng		97
80) Benzo(a)anthracene	13.99	228	23909m	3.876	ng		
82) Chrysene	14.02	228	23495	4.101	ng		97
85) Indeno(1,2,3-cd)pyrene	16.93	276	13181	2.588	ng	#	90
87) Benzo(b)fluoranthene	15.04	252	25239m	4.624	ng		
89) Benzo(a)pyrene	15.40	252	19446m	3.919	ng		
91) Benzo(g,h,i)perylene	17.39	276	14432	3.501	ng		92

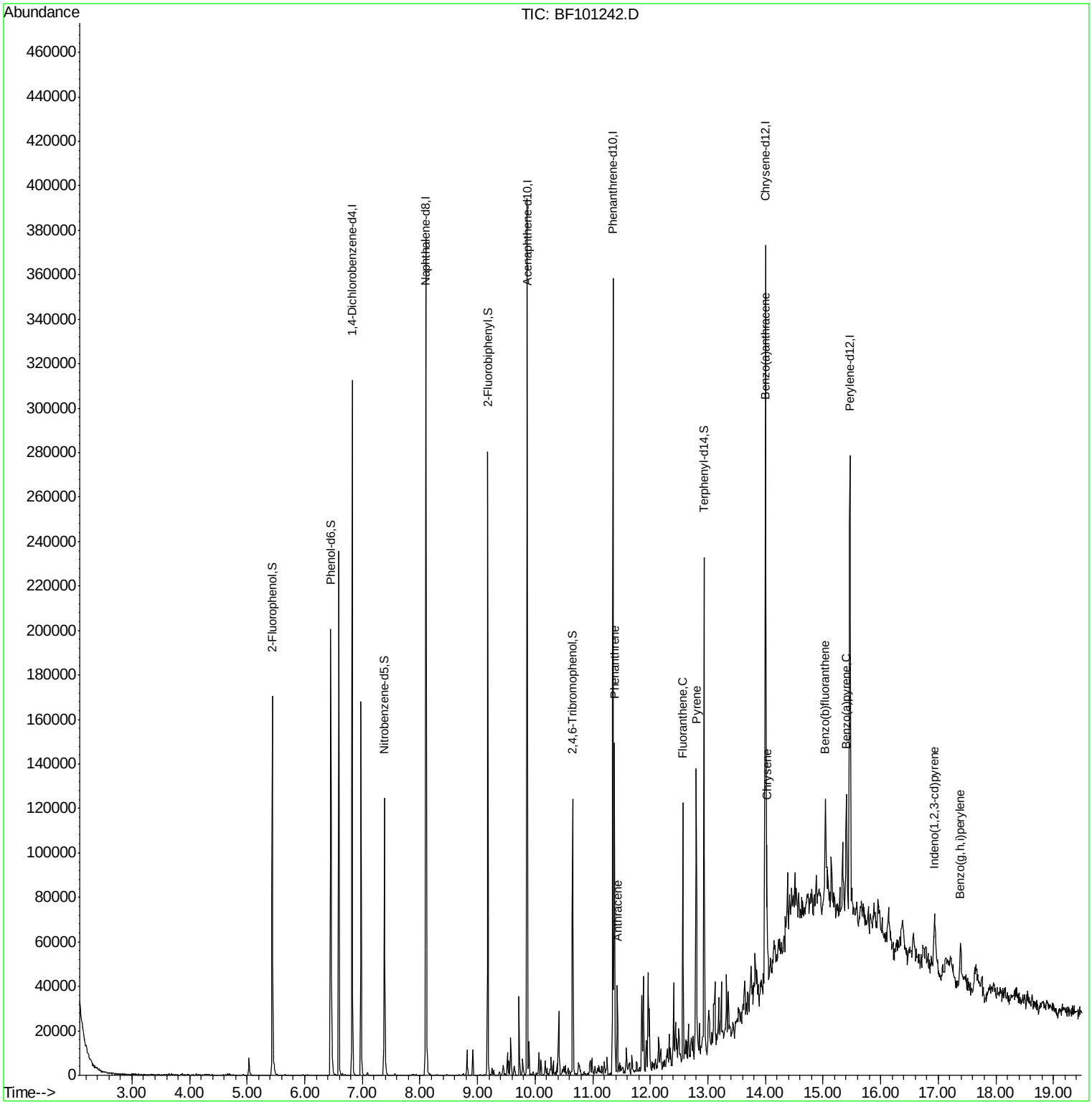
(#) = qualifier out of range (m) = manual integration (+) = signals summed

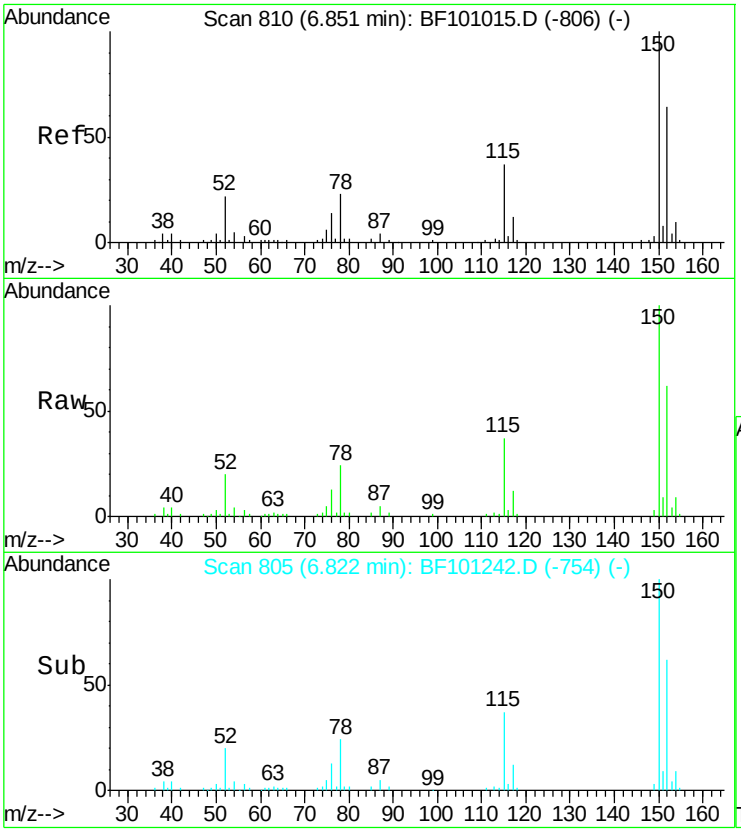
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101242.D
Acq On : 8 Dec 2017 18:10
Operator : SJ/JU
Sample : I6680-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-120617-A

Quant Time: Dec 08 21:55:54 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



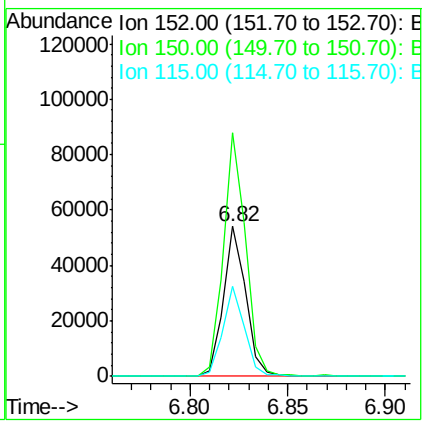


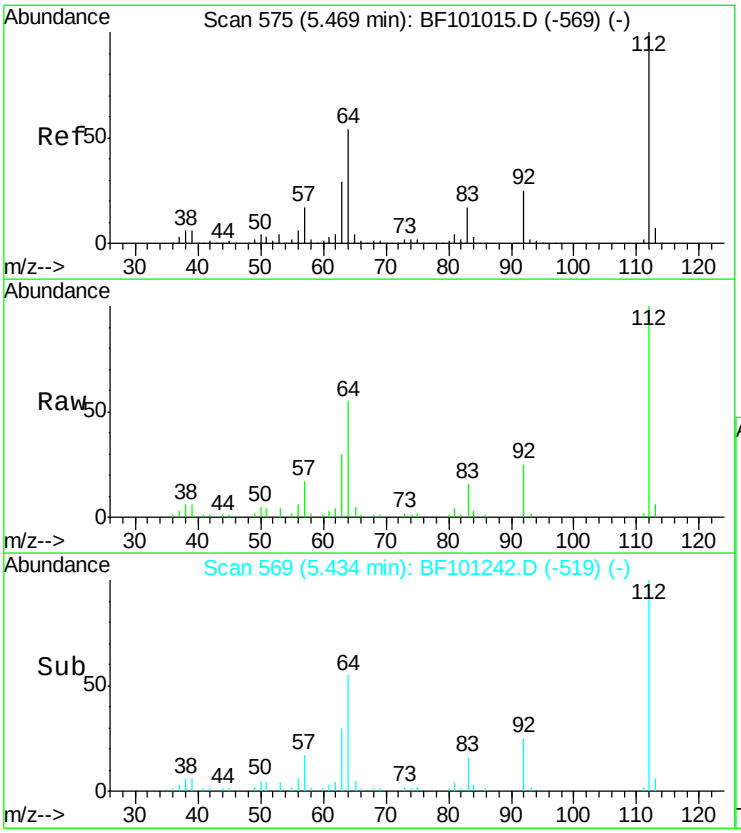
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101242.D
Acq: 8 Dec 2017 18:10

Instrument :
BNA_F
ClientSampleId :
CL-01-120617-A

Tgt Ion:152 Resp: 42805

Ion	Ratio	Lower	Upper
152	100		
150	162.4	124.6	186.8
115	60.2	50.1	75.1

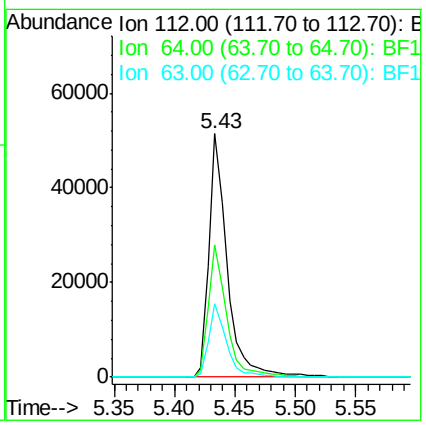


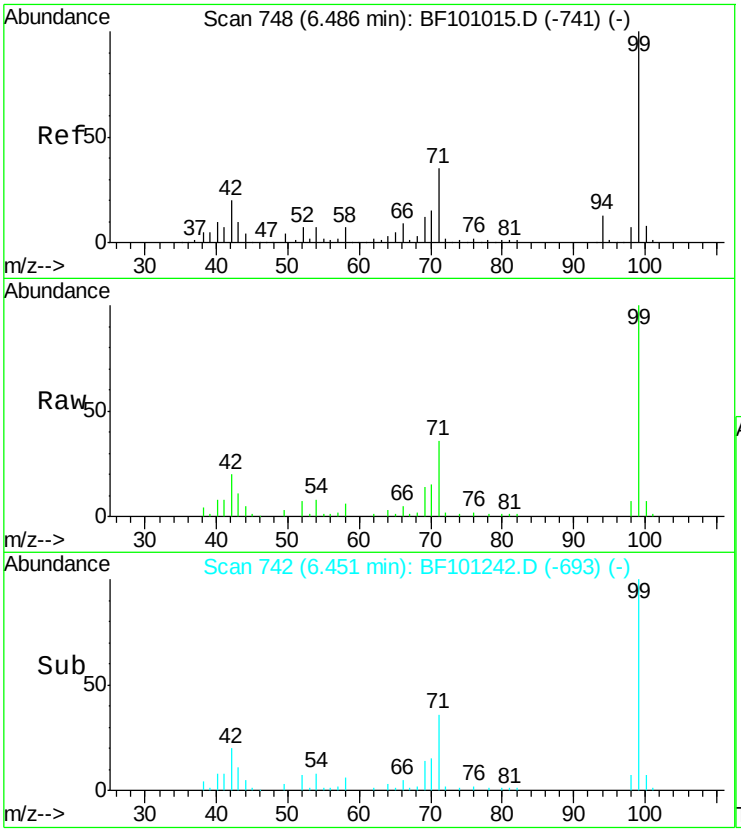


#5
2-Fluorophenol
Concen: 20.662 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF101242.D
Acq: 8 Dec 2017 18:10

Tgt Ion:112 Resp: 53523

Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.9	71.9
63	30.4	23.7	35.5



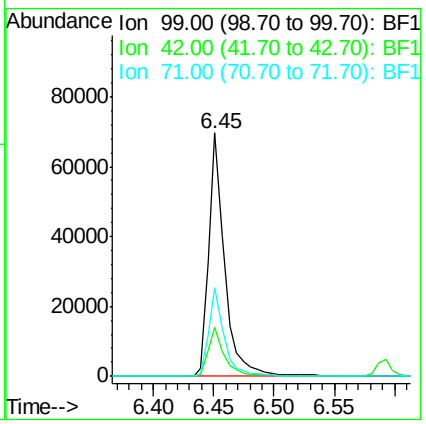


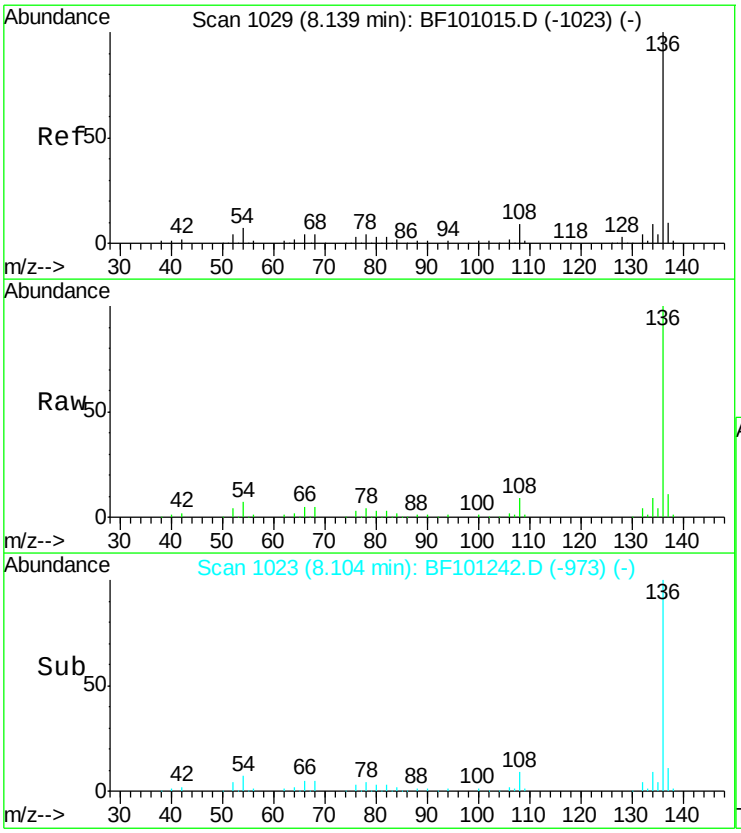
#7
Phenol-d6
Concen: 20.139 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF101242.D
Acq: 8 Dec 2017 18:10

Instrument :
BNA_F
ClientSampleId :
CL-01-120617-A

Tgt Ion: 99 Resp: 63337

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	36.3	25.4	38.0

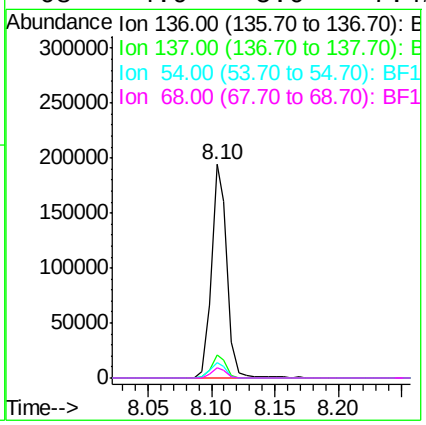


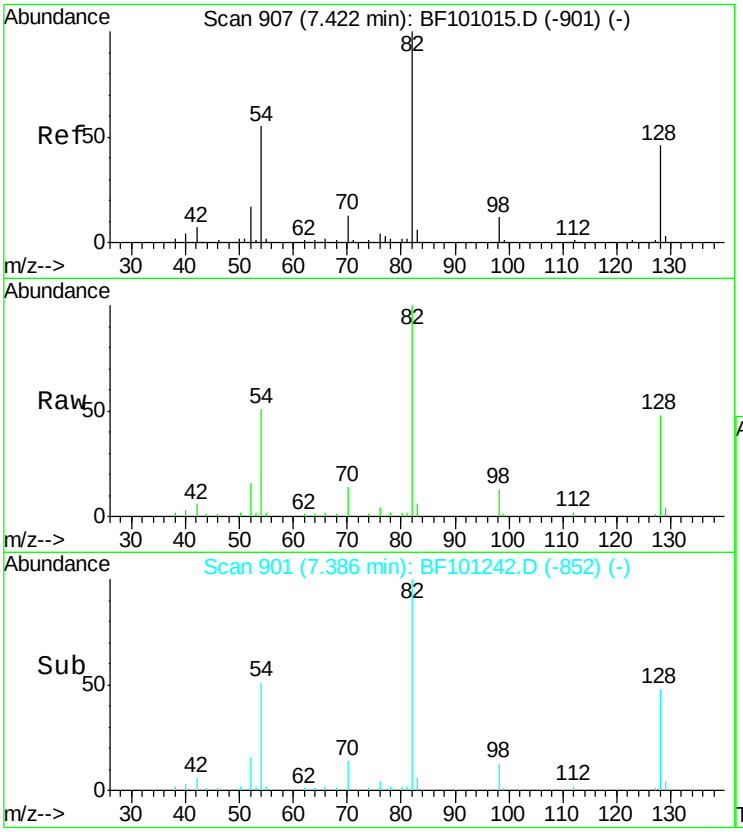


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101242.D
Acq: 8 Dec 2017 18:10

Tgt Ion:136 Resp: 167302

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.4	6.6	9.8
68	4.9	5.0	7.4#



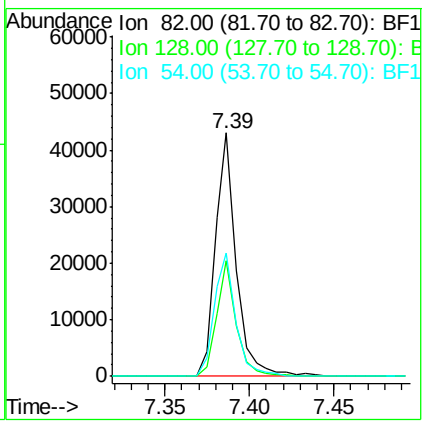


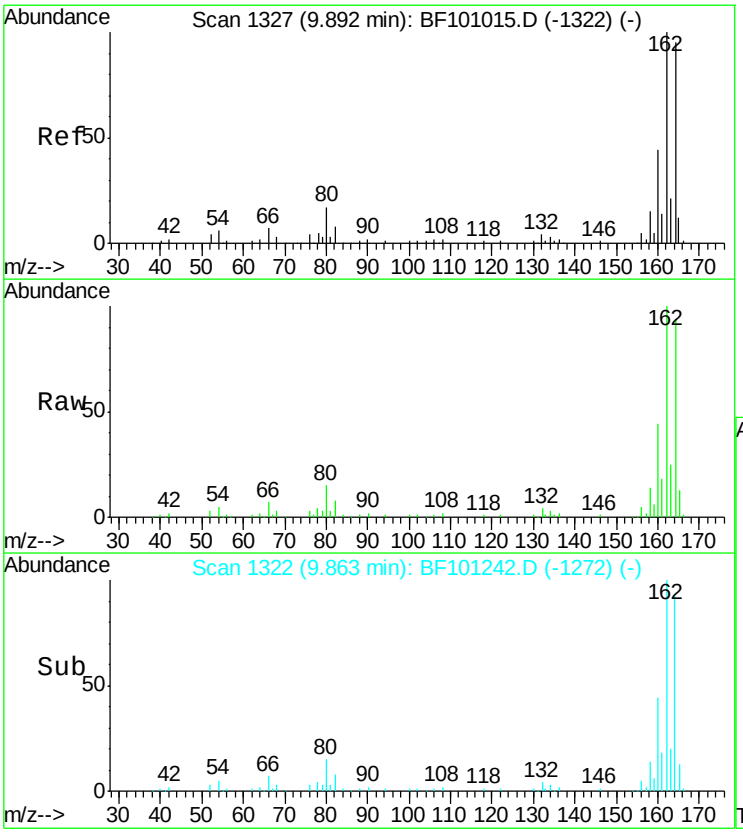
#23
Nitrobenzene-d5
Concen: 13.296 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101242.D
Acq: 8 Dec 2017 18:10

Instrument :
BNA_F
ClientSampleId :
CL-01-120617-A

Tgt Ion: 82 Resp: 37289

Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.1	54.1
54	50.8	41.4	62.2

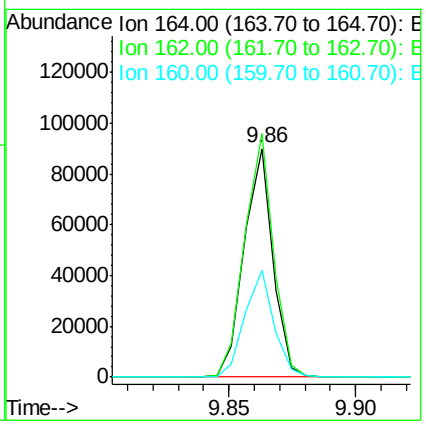


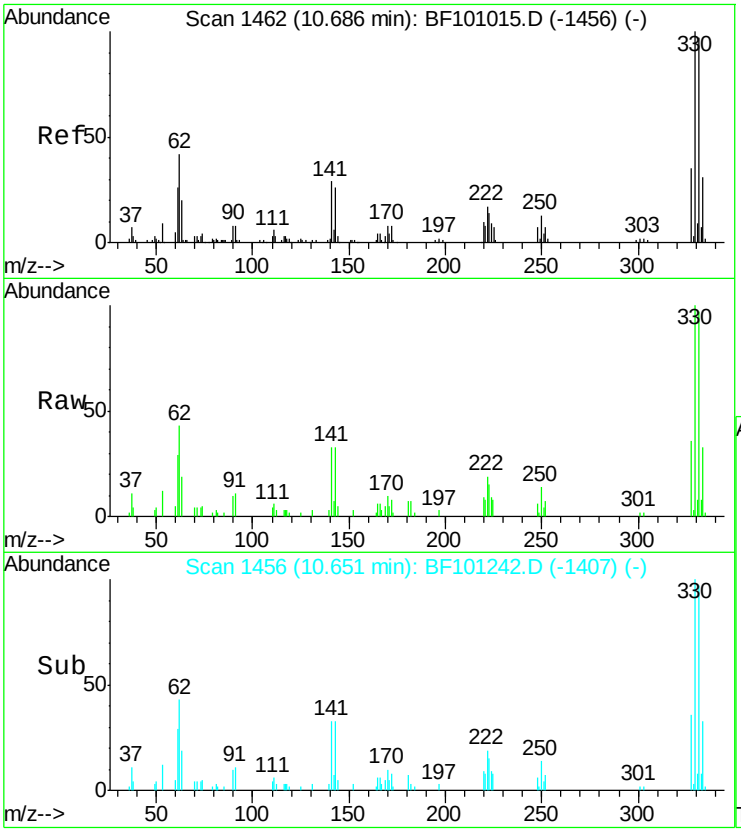


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101242.D
Acq: 8 Dec 2017 18:10

Tgt Ion:164 Resp: 70767

Ion	Ratio	Lower	Upper
164	100		
162	106.6	86.1	129.1
160	46.9	38.3	57.5



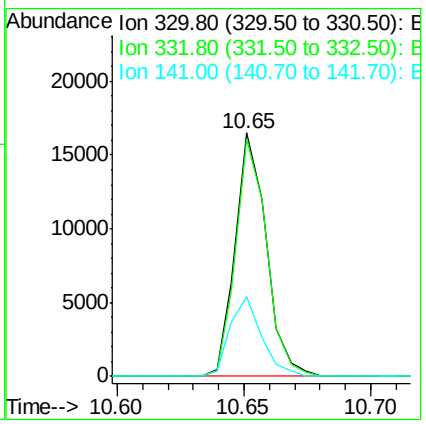


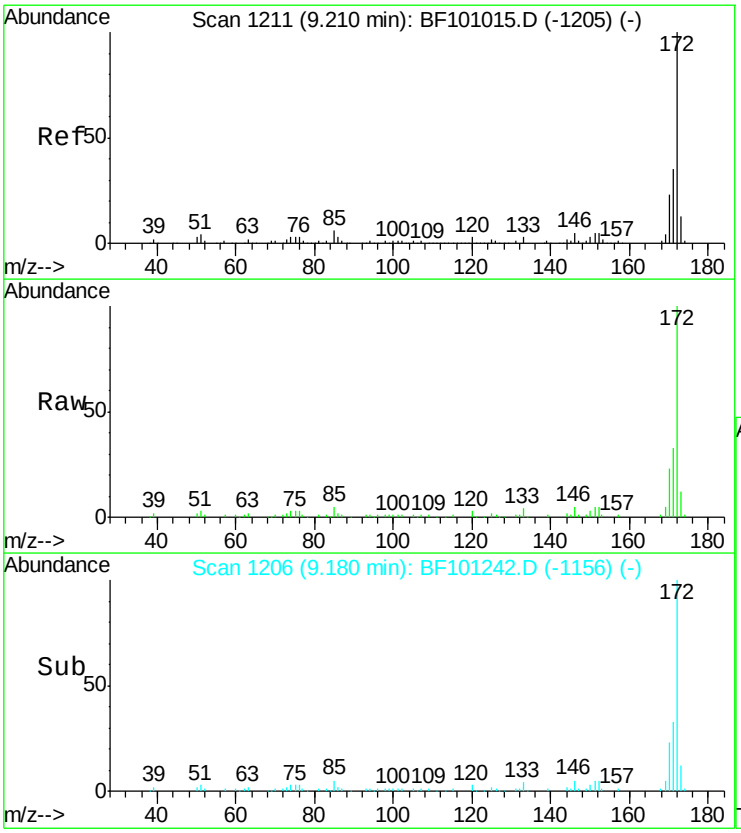
#41
2,4,6-Tribromophenol
Concen: 16.590 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF101242.D
Acq: 8 Dec 2017 18:10

Instrument :
BNA_F
ClientSampleId :
CL-01-120617-A

Tgt Ion:330 Resp: 14103

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	33.1	29.9	44.9

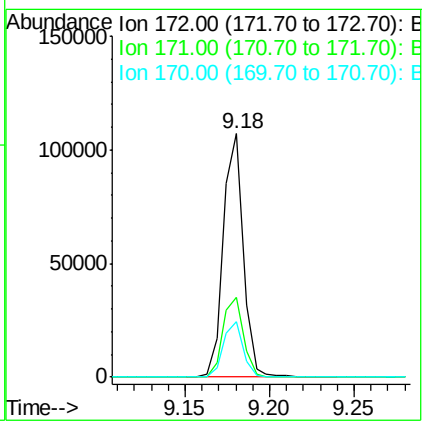


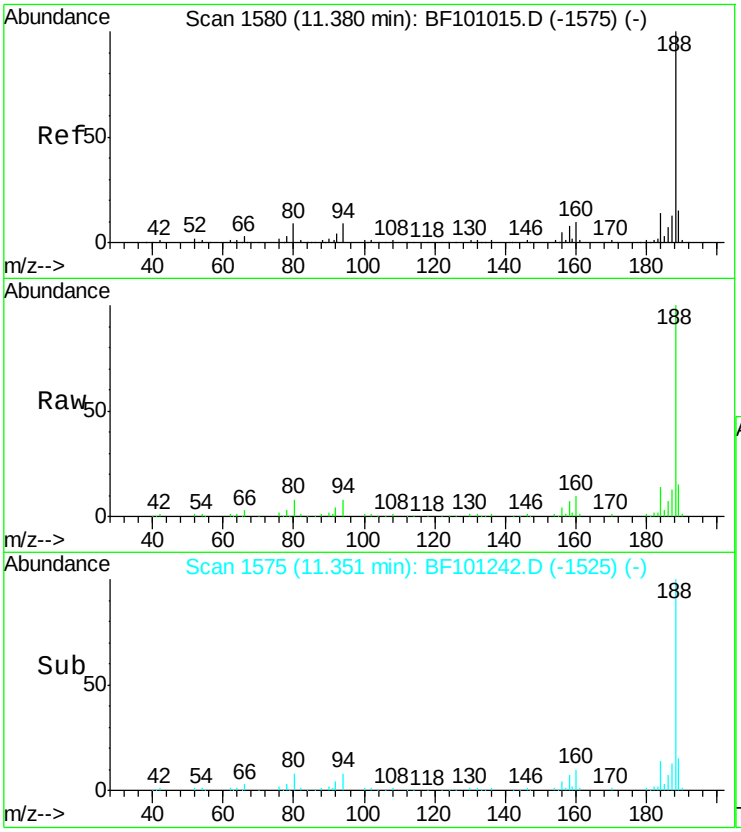


#44
2-Fluorobiphenyl
Concen: 17.025 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101242.D
Acq: 8 Dec 2017 18:10

Tgt Ion:172 Resp: 88059

Ion	Ratio	Lower	Upper
172	100		
171	32.9	29.7	44.5
170	22.7	19.6	29.4



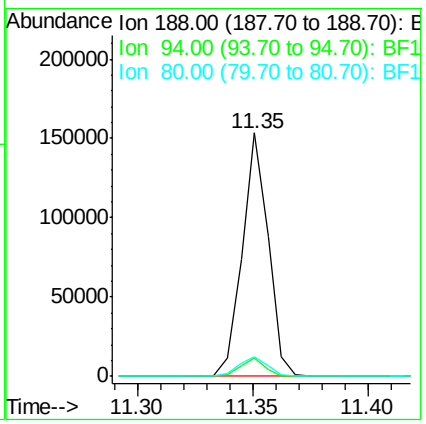


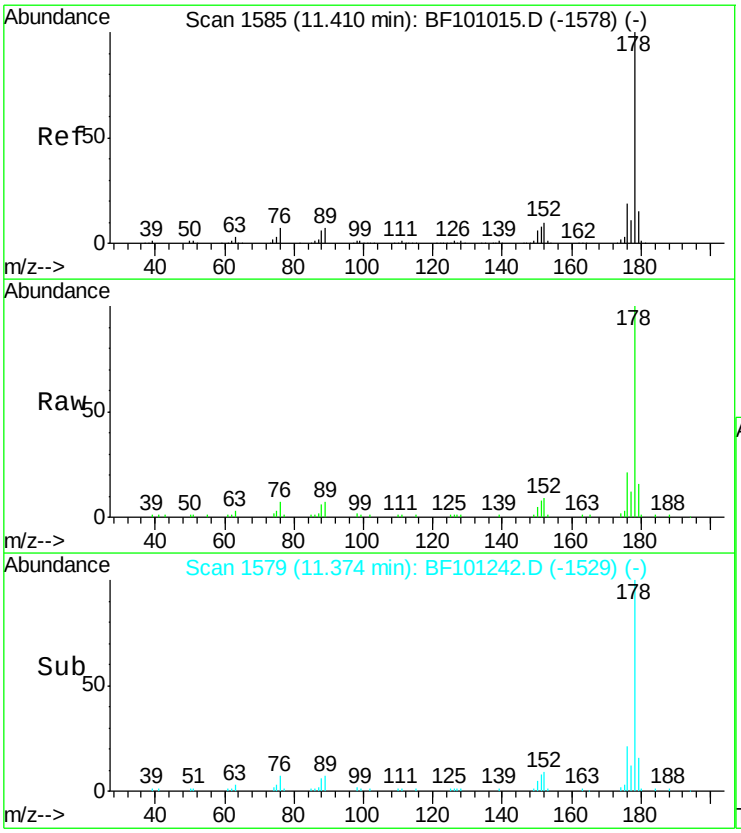
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF101242.D
Acq: 8 Dec 2017 18:10

Instrument :
BNA_F
ClientSampleId :
CL-01-120617-A

Tgt Ion:188 Resp: 120310

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	8.0	9.2	13.8#

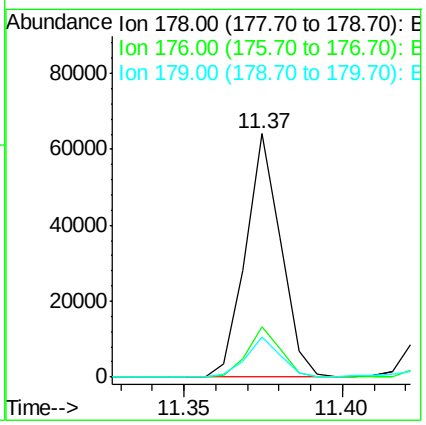


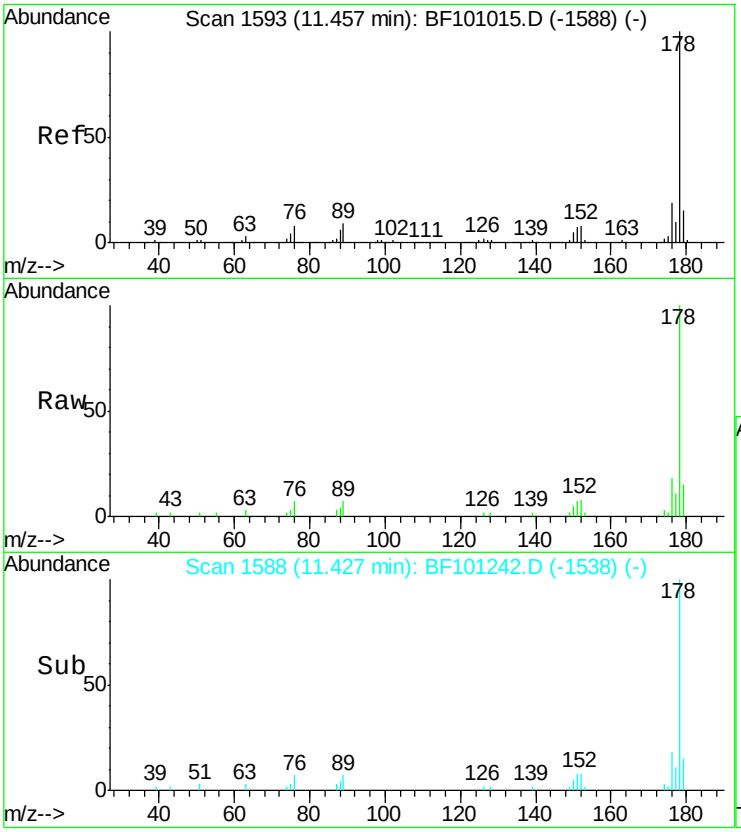


#70
Phenanthrene
Concen: 7.470 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF101242.D
Acq: 8 Dec 2017 18:10

Tgt Ion:178 Resp: 49494

Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.8	23.8
179	16.3	13.0	19.6



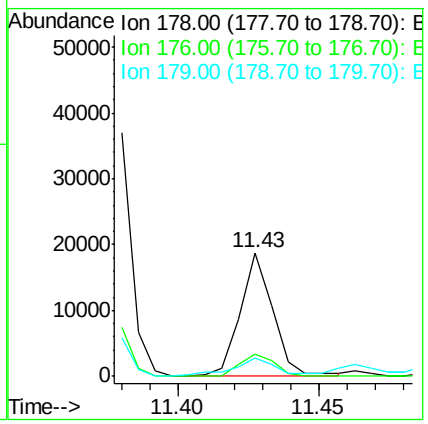


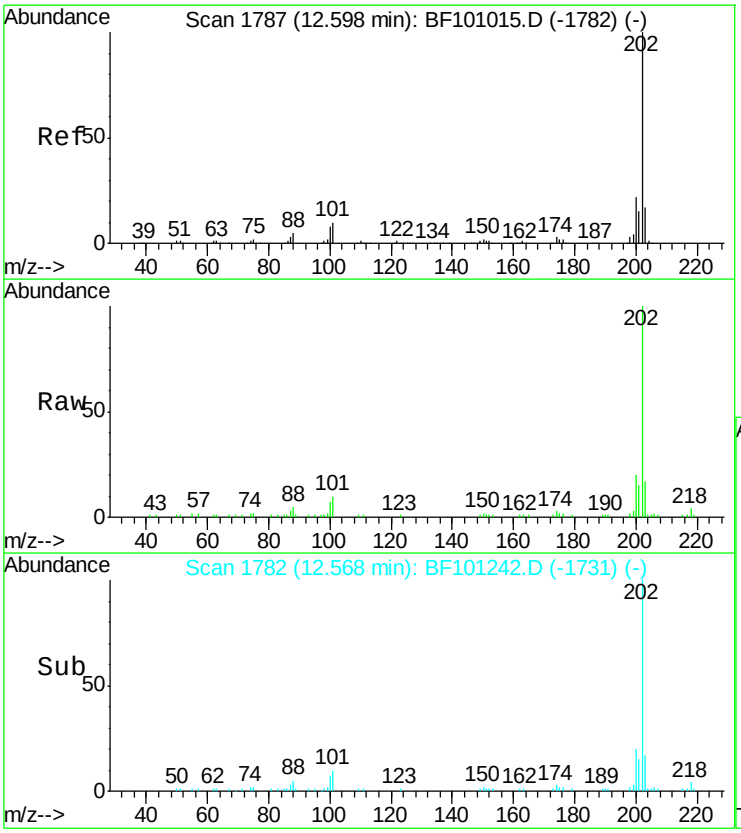
#71
Anthracene
Concen: 2.291 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF101242.D
Acq: 8 Dec 2017 18:10

Instrument :
BNA_F
ClientSampleId :
CL-01-120617-A

Tgt Ion:178 Resp: 15365

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	15.0	12.6	19.0

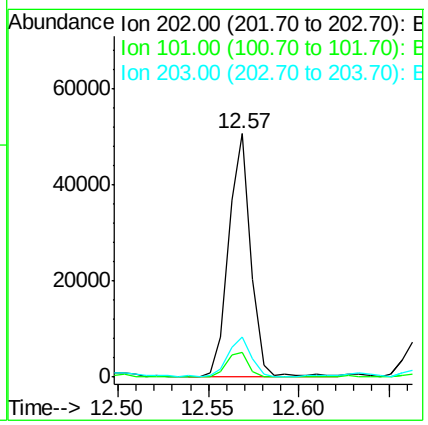


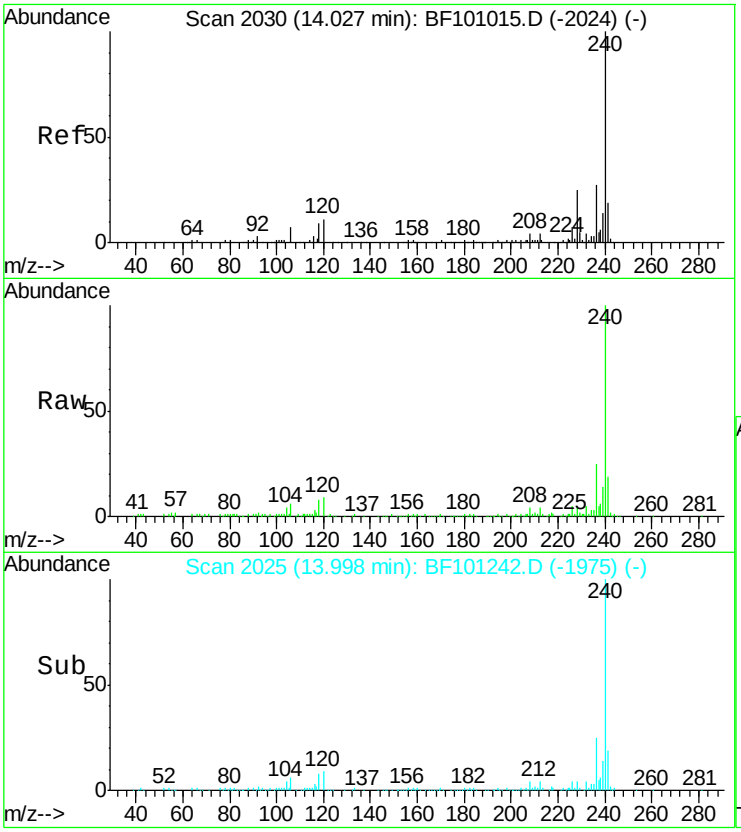


#74
Fluoranthene
Concen: 5.902 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BF101242.D
Acq: 8 Dec 2017 18:10

Tgt Ion:202 Resp: 43344

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	34.1
203	16.6	0.0	38.1



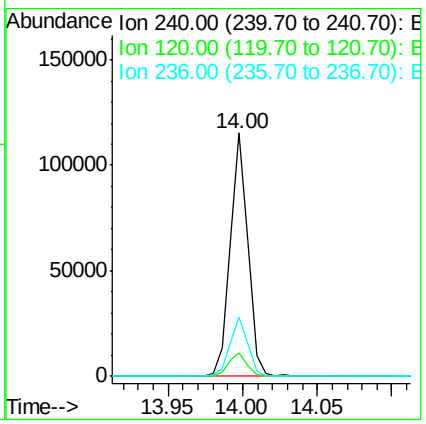


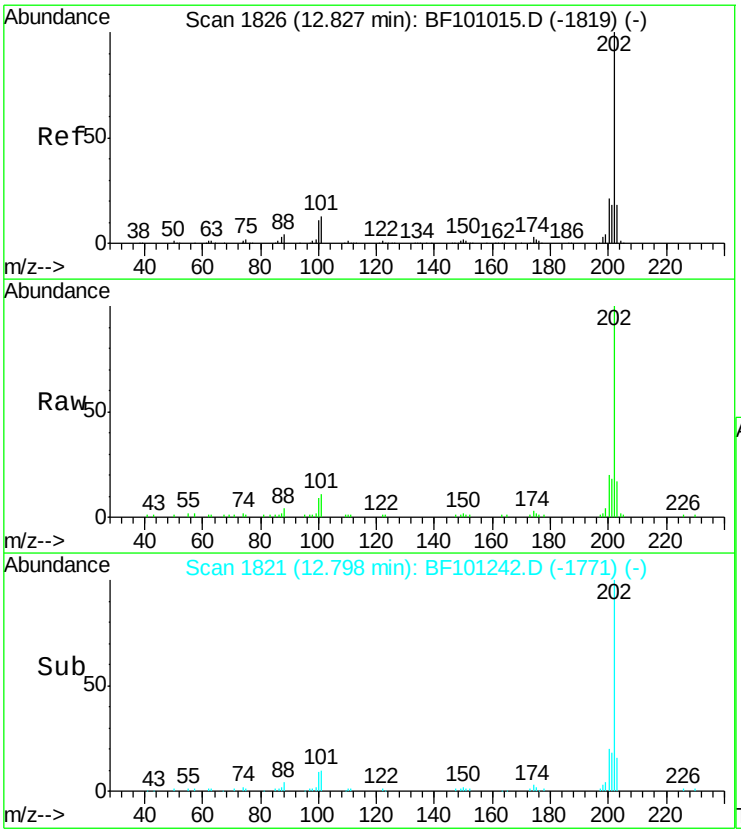
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF101242.D
Acq: 8 Dec 2017 18:10

Instrument :
BNA_F
ClientSampleId :
CL-01-120617-A

Tgt Ion:240 Resp: 97692

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	24.6	20.7	31.1

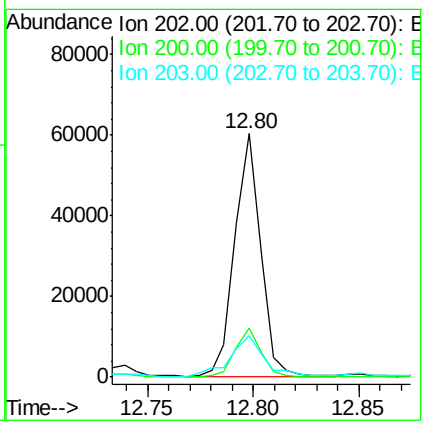


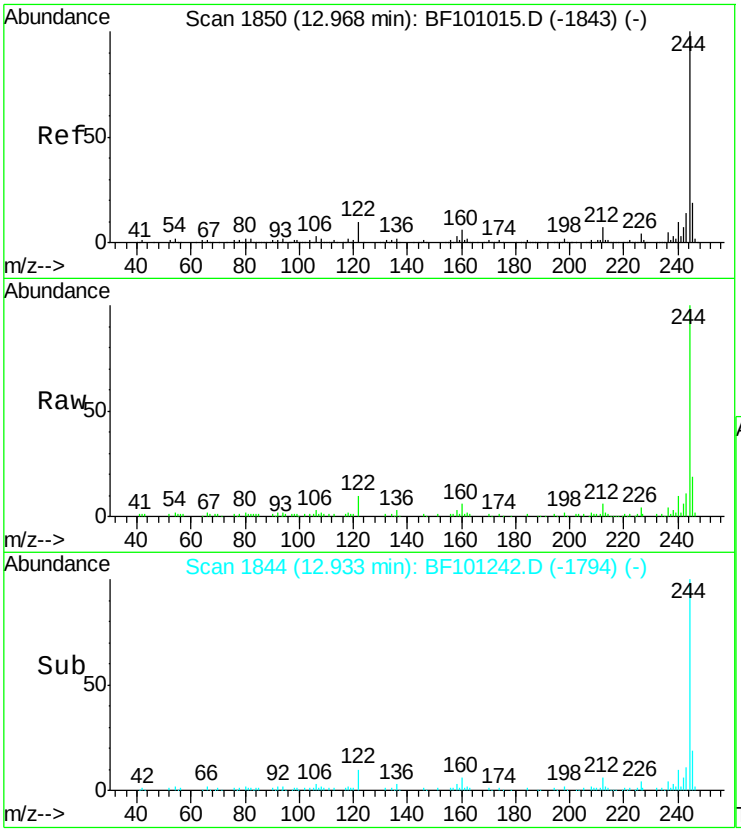


#77
Pyrene
Concen: 7.677 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF101242.D
Acq: 8 Dec 2017 18:10

Tgt Ion:202 Resp: 51748

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	17.0	14.3	21.5



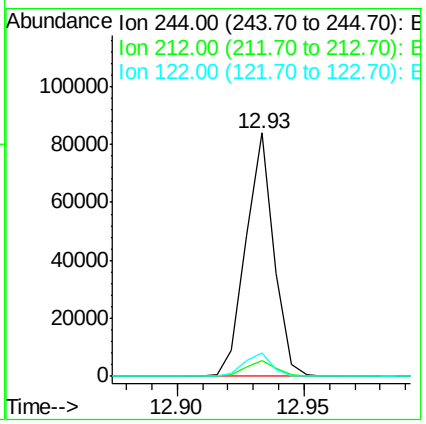


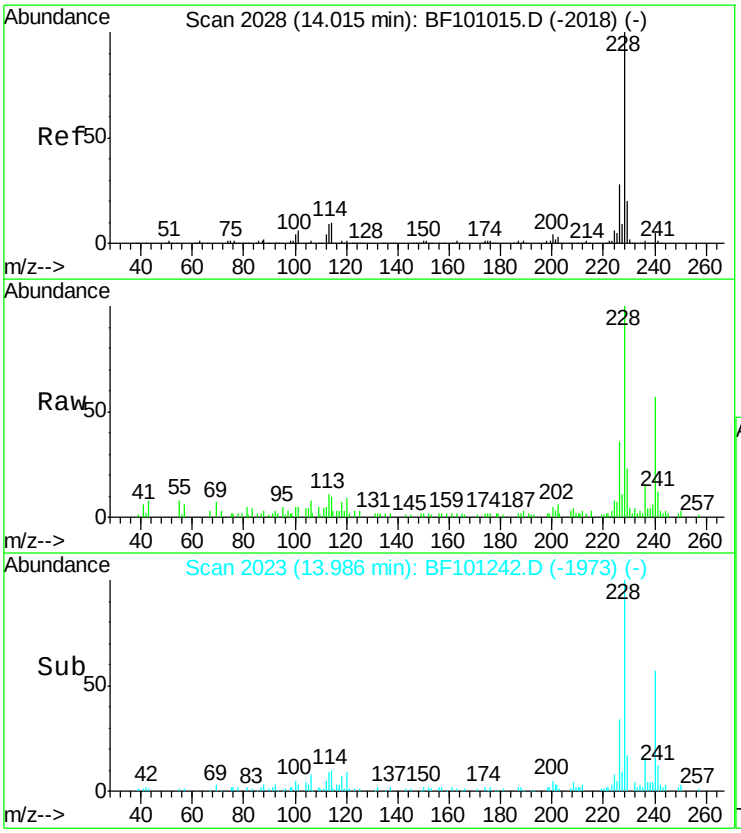
#78
Terphenyl-d14
Concen: 14.370 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF101242.D
Acq: 8 Dec 2017 18:10

Instrument :
BNA_F
ClientSampleId :
CL-01-120617-A

Tgt Ion:244 Resp: 64183

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	9.6	11.0	16.4#

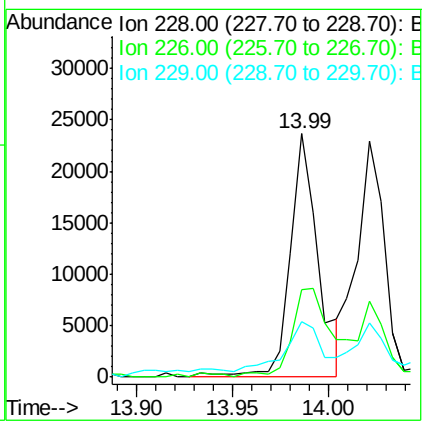


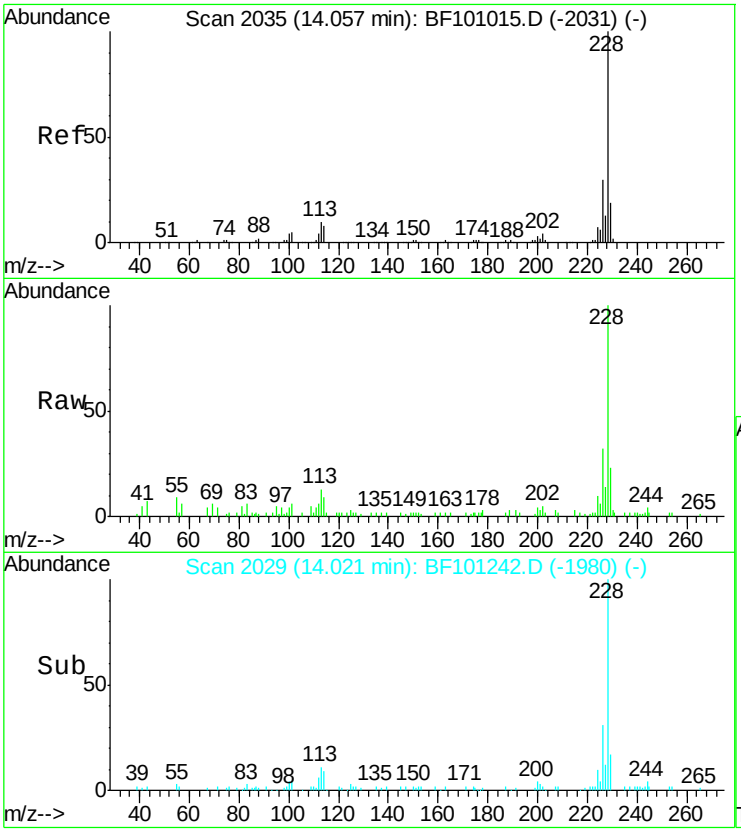


#80
Benzo(a)anthracene
Concen: 3.876 ng m
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF101242.D
Acq: 8 Dec 2017 18:10

Tgt Ion:228 Resp: 23909

Ion	Ratio	Lower	Upper
228	100		
226	35.9	22.6	33.8#
229	22.8	15.8	23.6



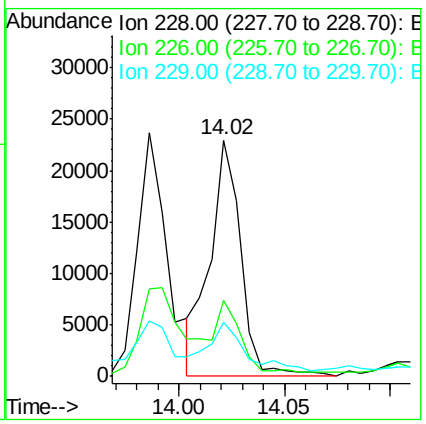


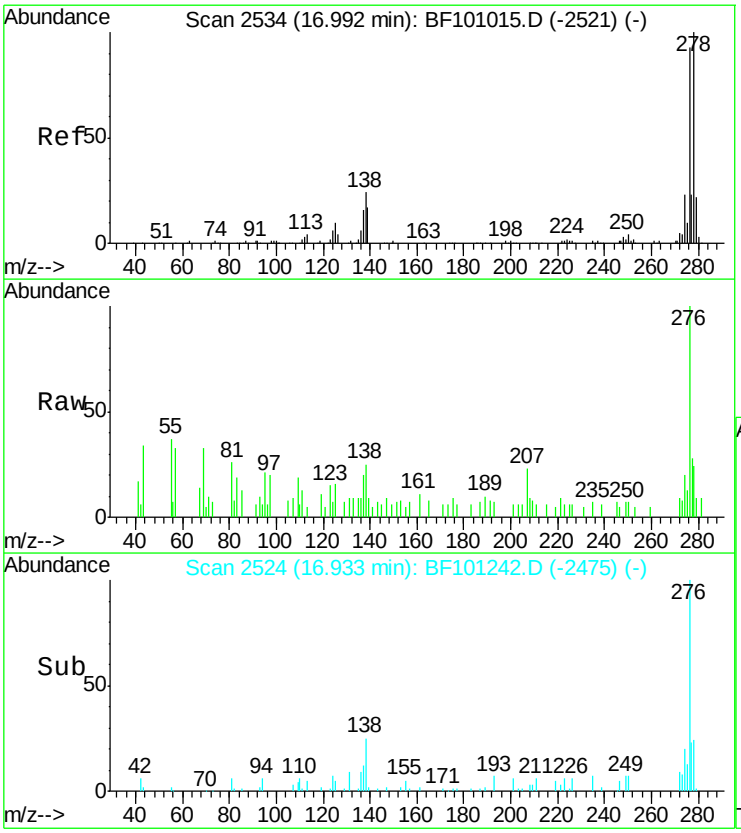
#82
Chrysene
Concen: 4.101 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF101242.D
Acq: 8 Dec 2017 18:10

Instrument :
BNA_F
ClientSampleId :
CL-01-120617-A

Tgt Ion:228 Resp: 23495

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	23.0	16.2	24.4

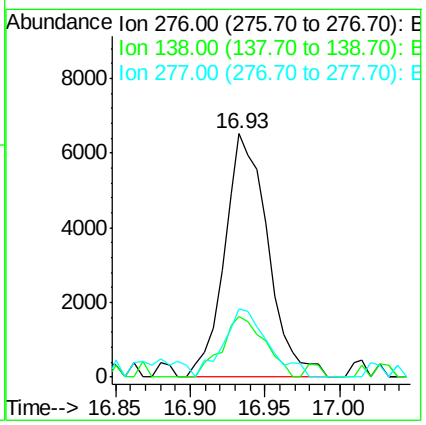


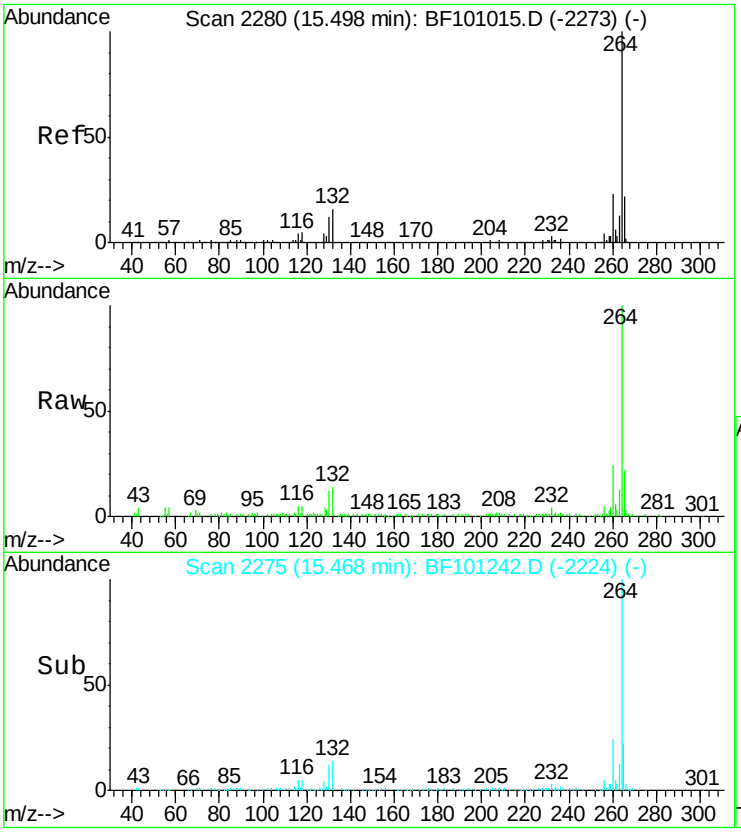


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.588 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.01 min
Lab File: BF101242.D
Acq: 8 Dec 2017 18:10

Tgt Ion:276 Resp: 13181

Ion	Ratio	Lower	Upper
276	100		
138	24.5	25.0	37.6#
277	28.5	20.1	30.1



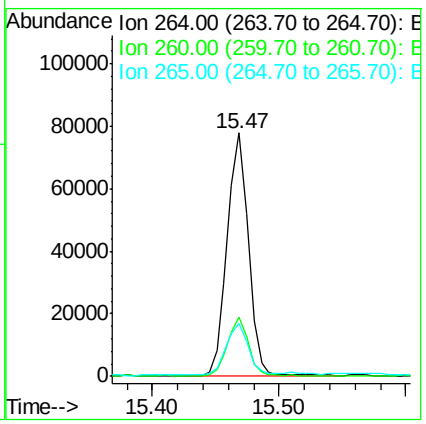


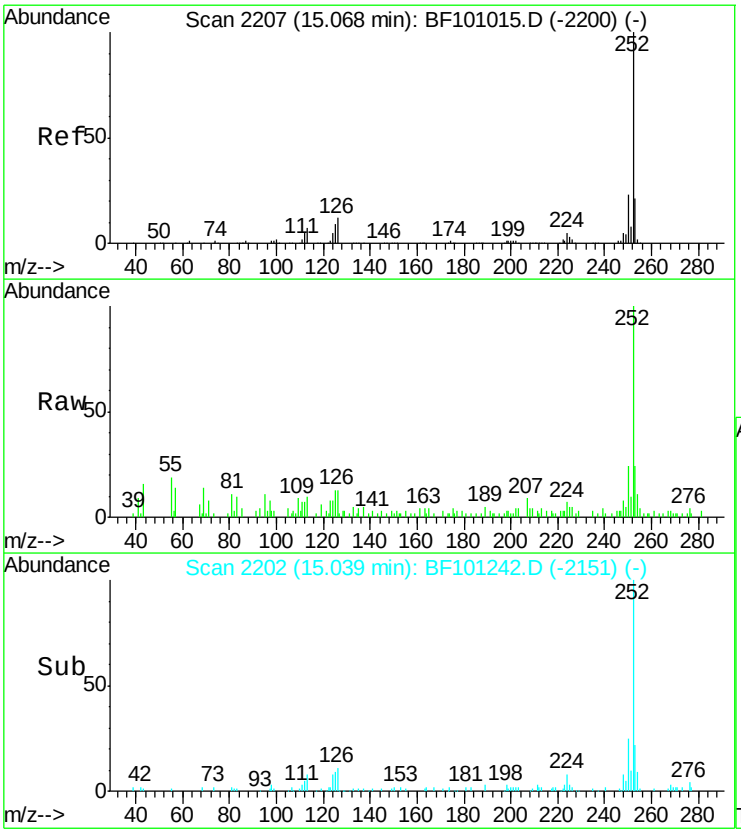
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF101242.D
Acq: 8 Dec 2017 18:10

Instrument :
BNA_F
ClientSampleId :
CL-01-120617-A

Tgt Ion:264 Resp: 91121

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.0	17.5	26.3

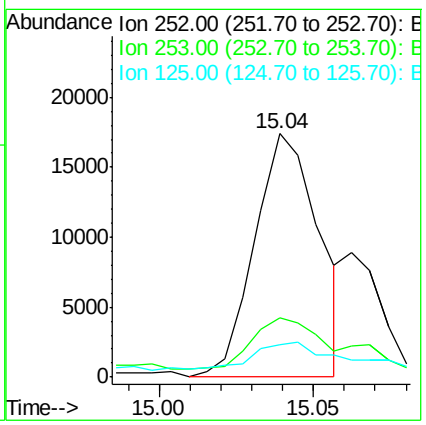


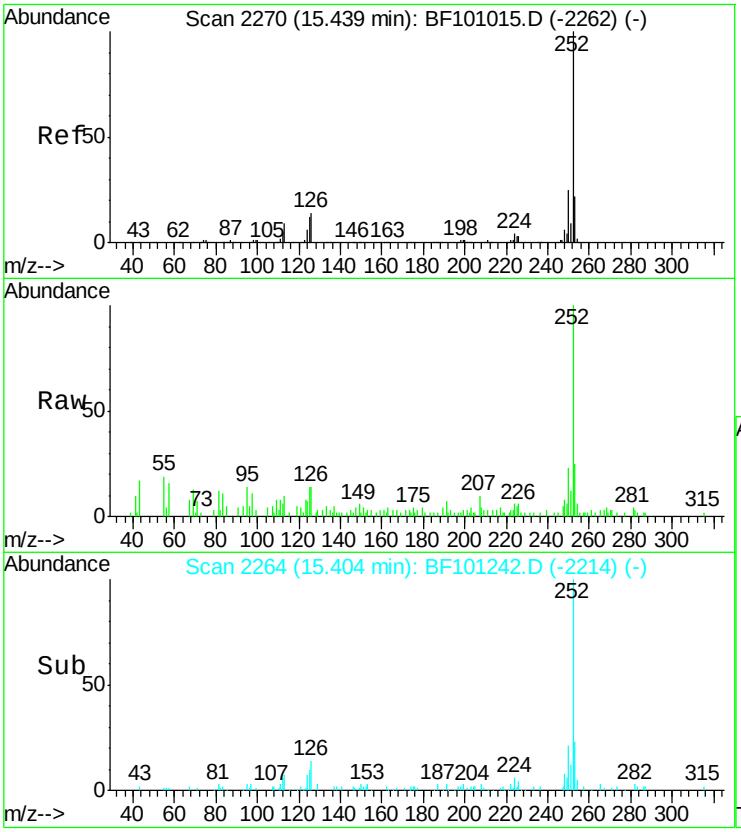


#87
Benzo(b)fluoranthene
Concen: 4.624 ng m
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF101242.D
Acq: 8 Dec 2017 18:10

Tgt Ion:252 Resp: 25239

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	13.1	9.0	13.6



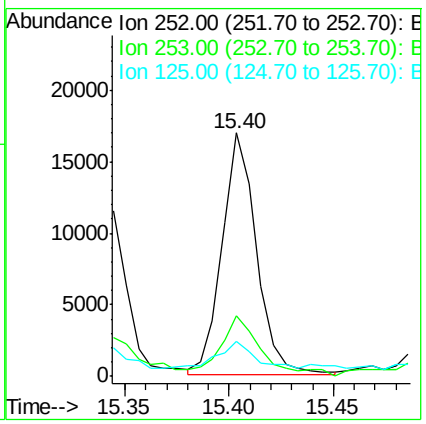


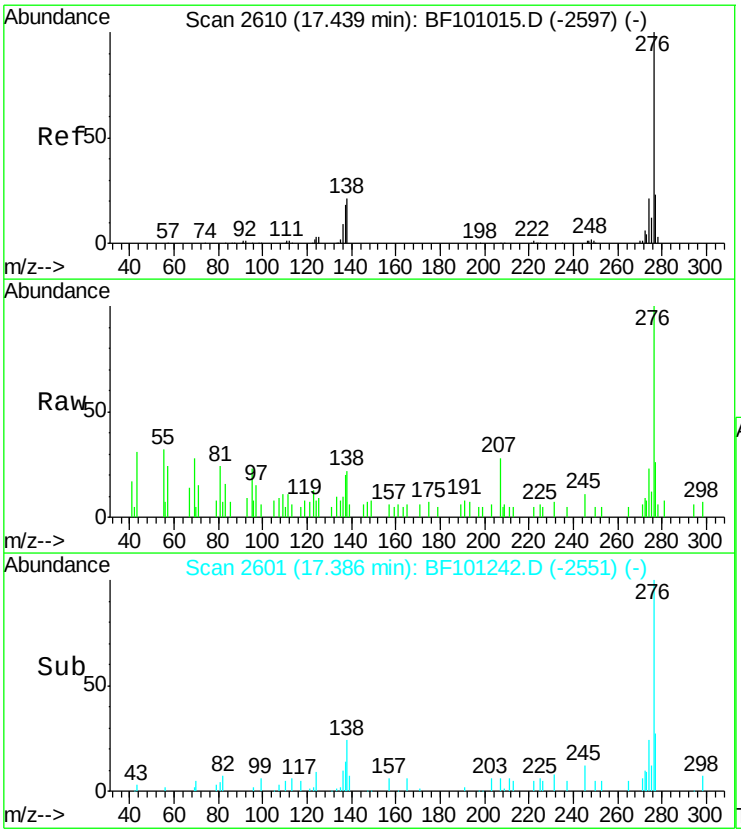
#89
Benzo(a)pyrene
Concen: 3.919 ng m
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF101242.D
Acq: 8 Dec 2017 18:10

Instrument :
BNA_F
ClientSampleId :
CL-01-120617-A

Tgt Ion:252 Resp: 19446

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.1	25.7
125	14.1	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.501 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BF101242.D
Acq: 8 Dec 2017 18:10

Tgt Ion:276 Resp: 14432

Ion	Ratio	Lower	Upper
276	100		
277	25.6	17.9	26.9
138	22.4	21.8	32.8