Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101270.D
Acq On : 9 Dec 2017 8:24
Operator : SJ/JU
Sample : I6744-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PROS-3-E(0-1)

Quant Time: Dec 11 14:38:29 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	6.83	152	44401	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	161971	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	66265	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	109487	20.00	ng		0.00
75) Chrysene-d12	14.01	240	88357	20.00	ng		0.00
86) Perylene-d12	15.49	264	66099	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	255757	95.18	ng		0.00
7) Phenol-d6	6.47	99	321234	98.47	ng		0.00
23) Nitrobenzene-d5	7.39	82	178727	65.82	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	55040	69.14	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	311866	64.39	ng		0.00
78) Terphenyl-d14	12.94	244	232311	57.51	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.47	94	11370	3.134	ng	#	69
49) Dimethylphthalate	9.58	163	25084	4.694	ng		98
70) Phenanthrene	11.38	178	78710	13.054	ng		97
71) Anthracene	11.43	178	28707	4.704	ng		98
74) Fluoranthene	12.57	202	167459	25.056	ng		96
77) Pyrene	12.81	202	183693	30.129	ng		99
80) Benzo(a)anthracene	14.00	228	86535m	15.512	ng		
82) Chrysene	14.03	228	82707m	15.963	ng		
85) Indeno(1,2,3-cd)pyrene	16.97	276	28179	6.118	ng	#	90
87) Benzo(b)fluoranthene	15.05	252	75222m	19.000	ng		
88) Benzo(k)fluoranthene	15.08	252	29555m	7.577	ng		
89) Benzo(a)pyrene	15.42	252	53439	14.847	ng		98
90) Dibenzo(a,h)anthracene	16.96	278	7945m	2.504	ng		
91) Benzo(g,h,i)perylene	17.42	276	28489	9.527	ng	#	87

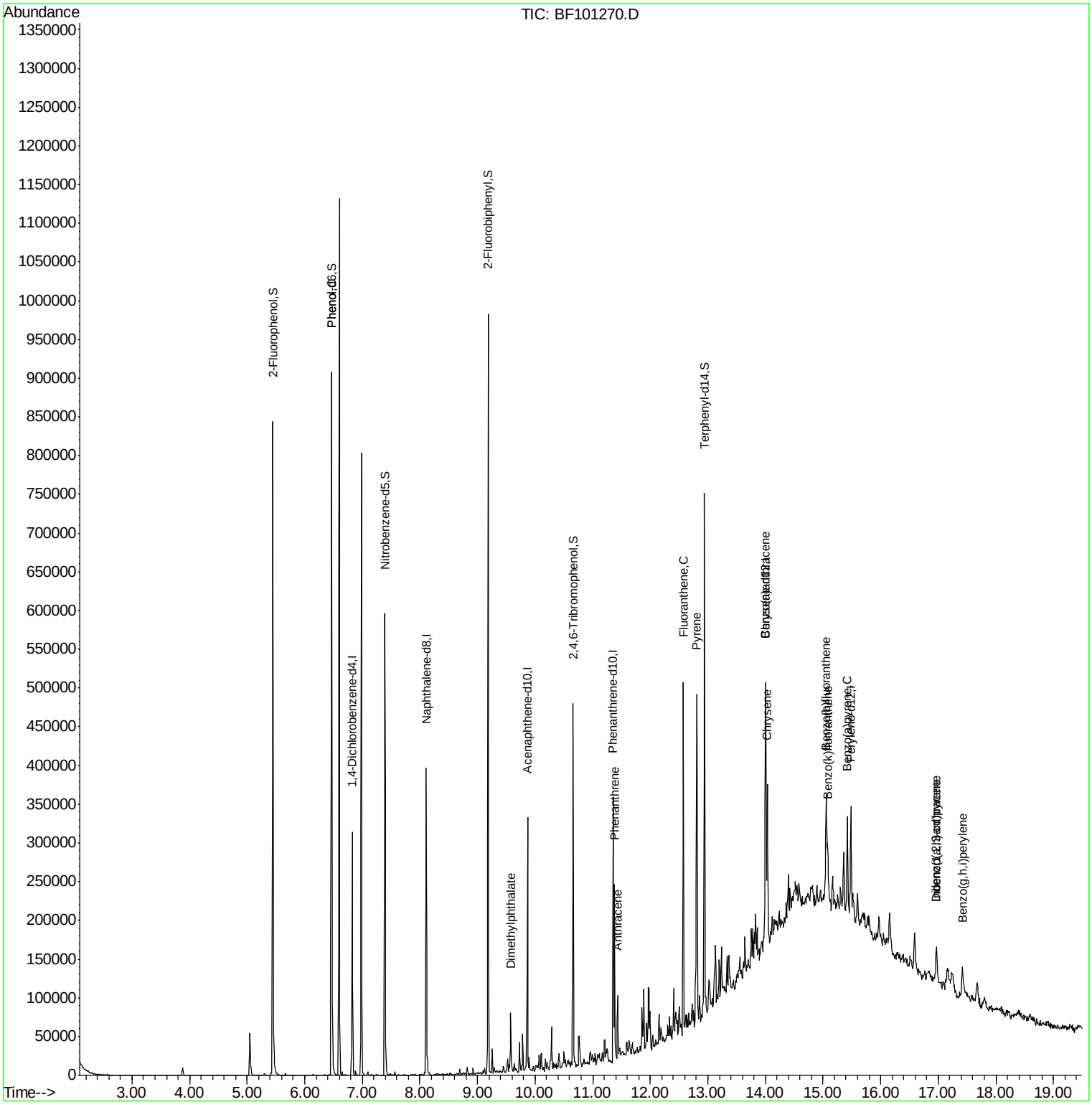
(#) = qualifier out of range (m) = manual integration (+) = signals summed

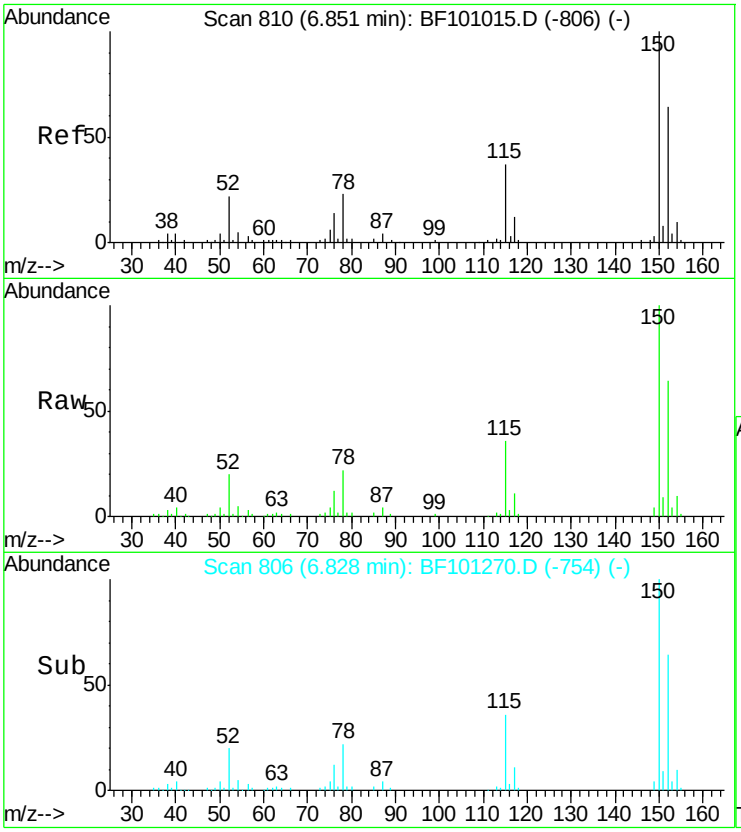
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101270.D
Acq On : 9 Dec 2017 8:24
Operator : SJ/JU
Sample : I6744-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(0-1)

Quant Time: Dec 11 14:38:29 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



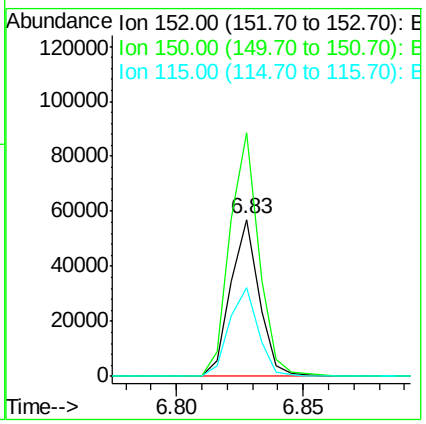


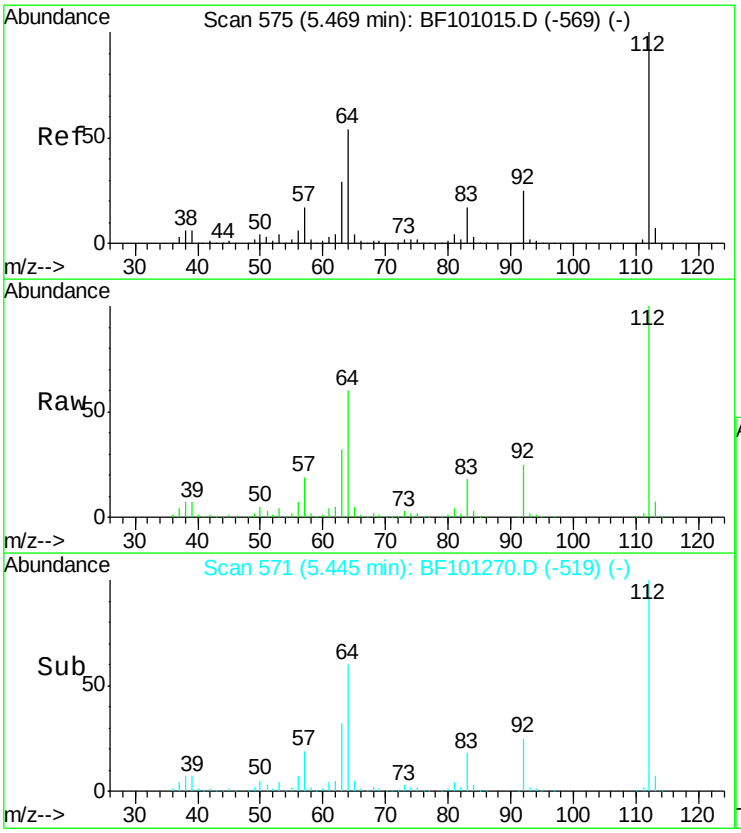
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(0-1)

Tgt Ion:152 Resp: 44401

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	56.2	50.1	75.1

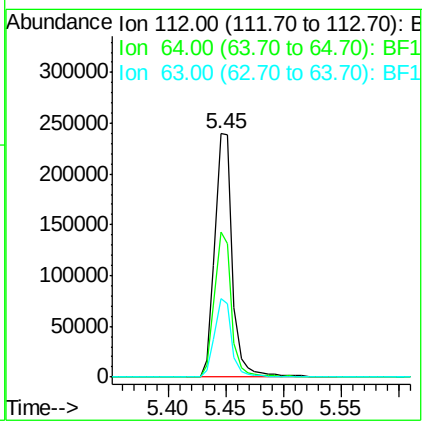


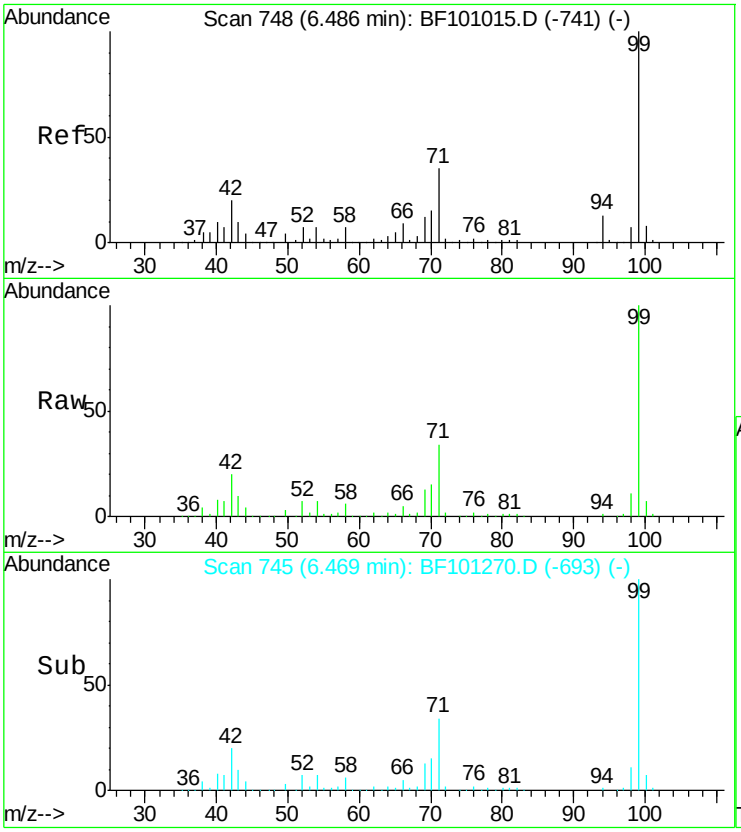


#5
2-Fluorophenol
Concen: 95.183 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Tgt Ion:112 Resp: 255757

Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.9	71.9
63	32.0	23.7	35.5



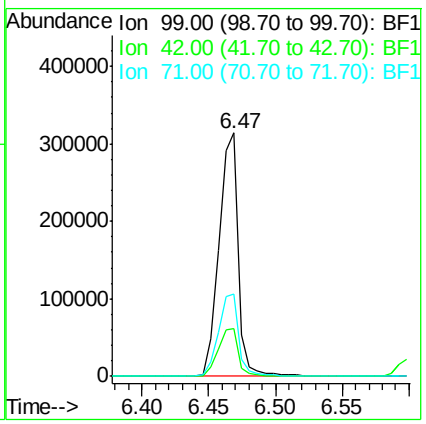


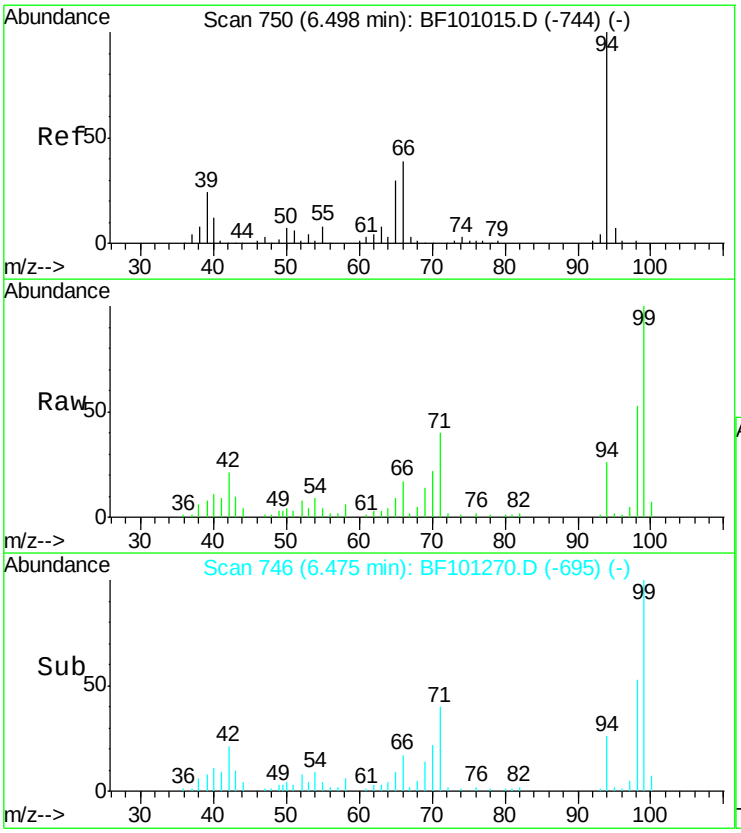
#7
Phenol-d6
Concen: 98.470 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(0-1)

Tgt Ion: 99 Resp: 321234

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	33.9	25.4	38.0

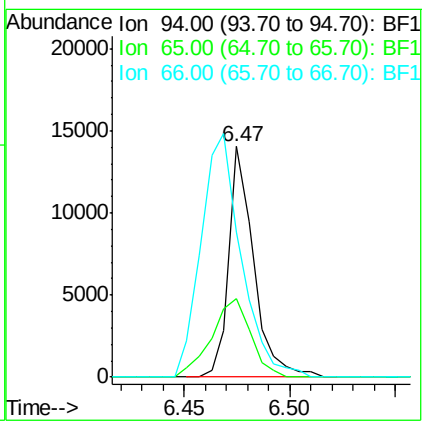


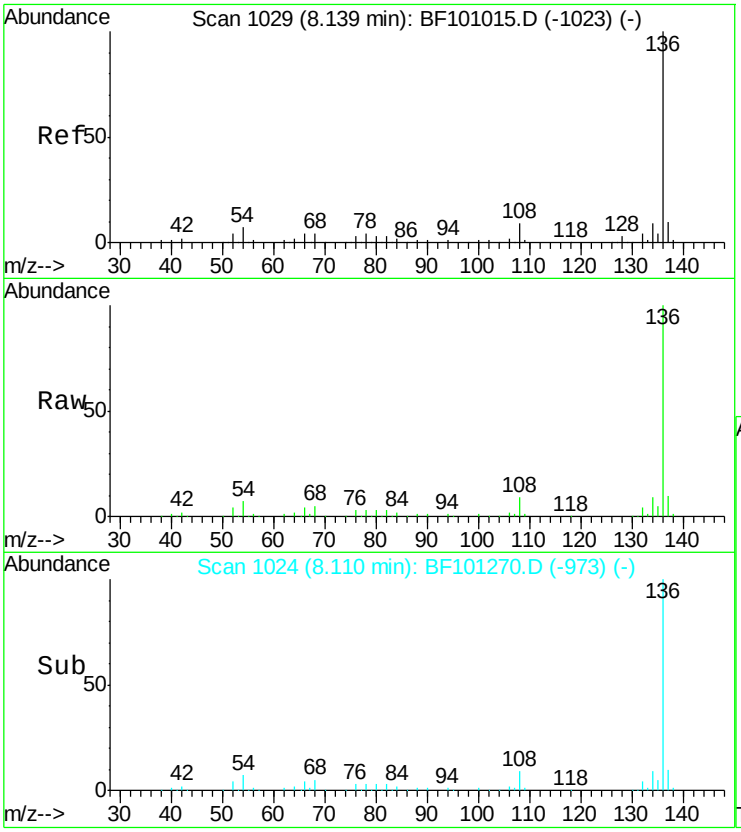


#10
Phenol
Concen: 3.134 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Tgt Ion: 94 Resp: 11370

Ion	Ratio	Lower	Upper
94	100		
65	34.1	7.9	47.9
66	63.1	16.2	56.2#



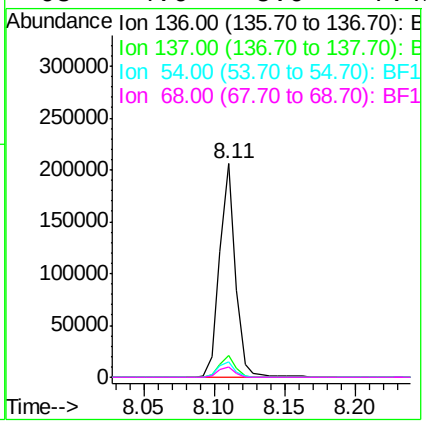


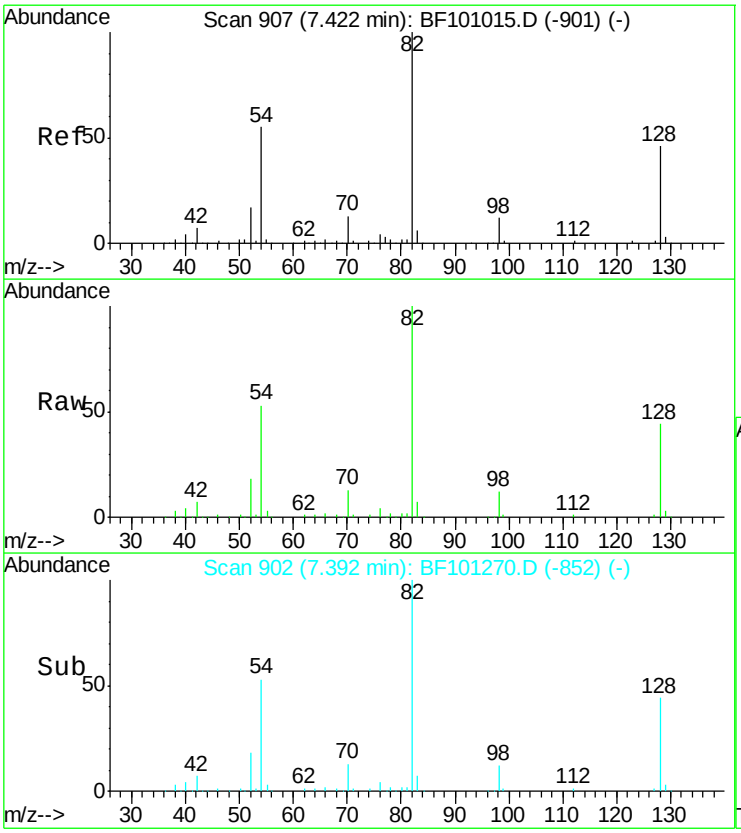
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(0-1)

Tgt Ion:136 Resp: 161971

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	7.2	6.6	9.8
68	4.6	5.0	7.4#

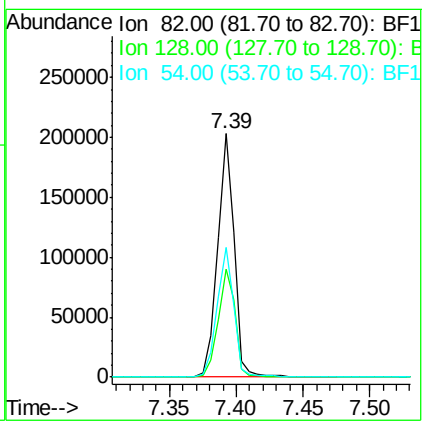


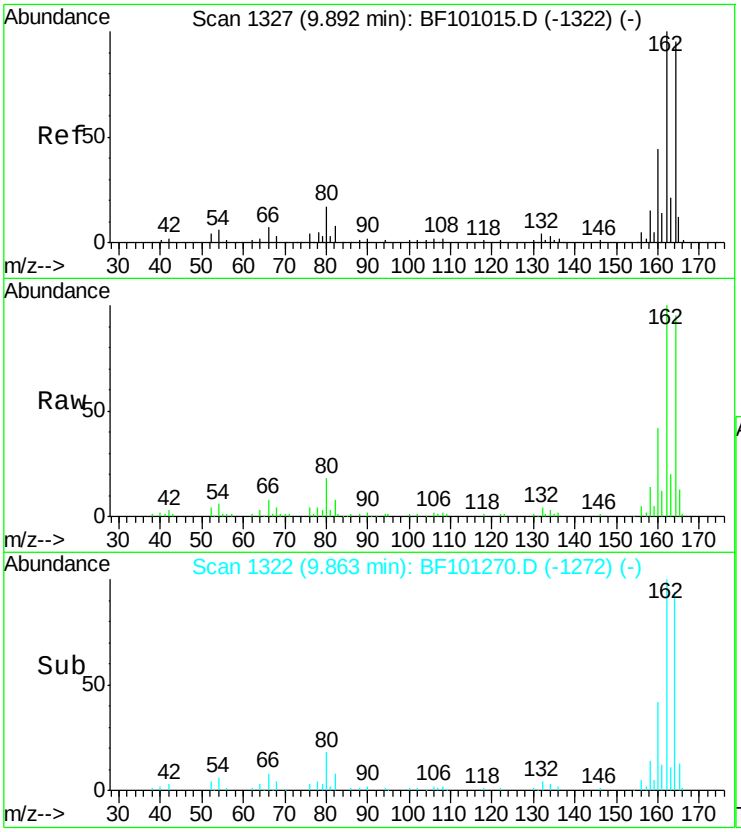


#23
Nitrobenzene-d5
Concen: 65.824 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Tgt Ion: 82 Resp: 178727

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	53.1	41.4	62.2



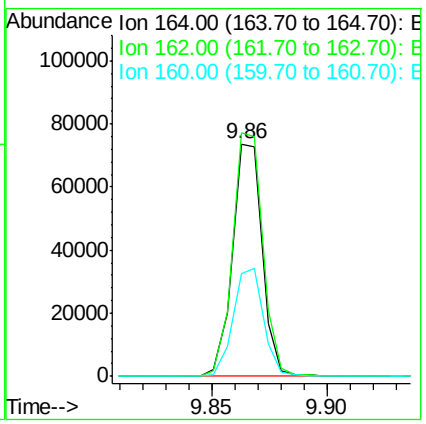


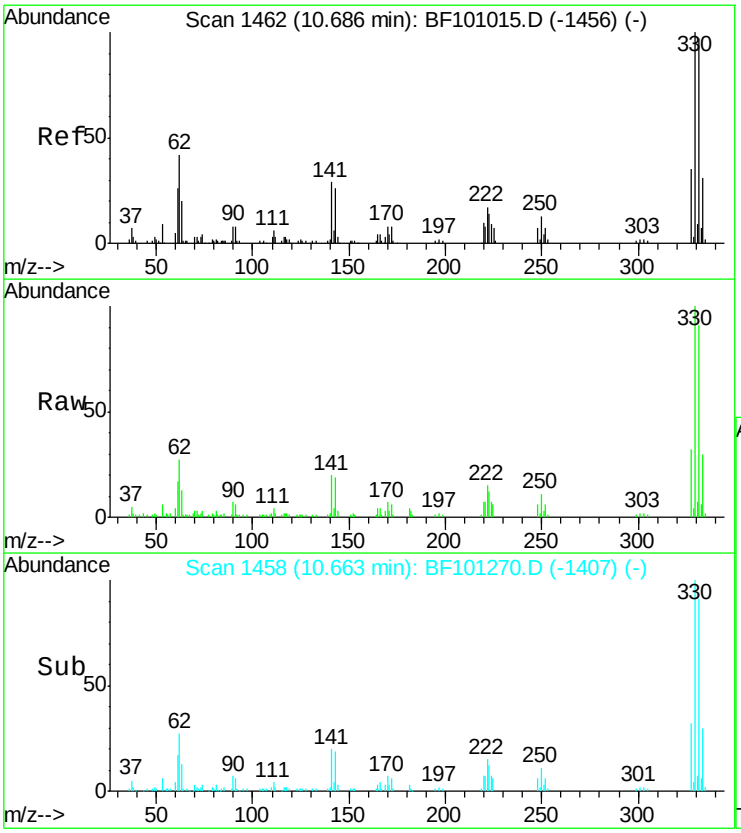
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(0-1)

Tgt Ion:164 Resp: 66265

Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	44.4	38.3	57.5

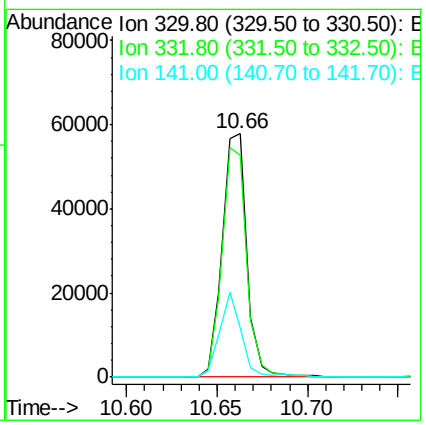


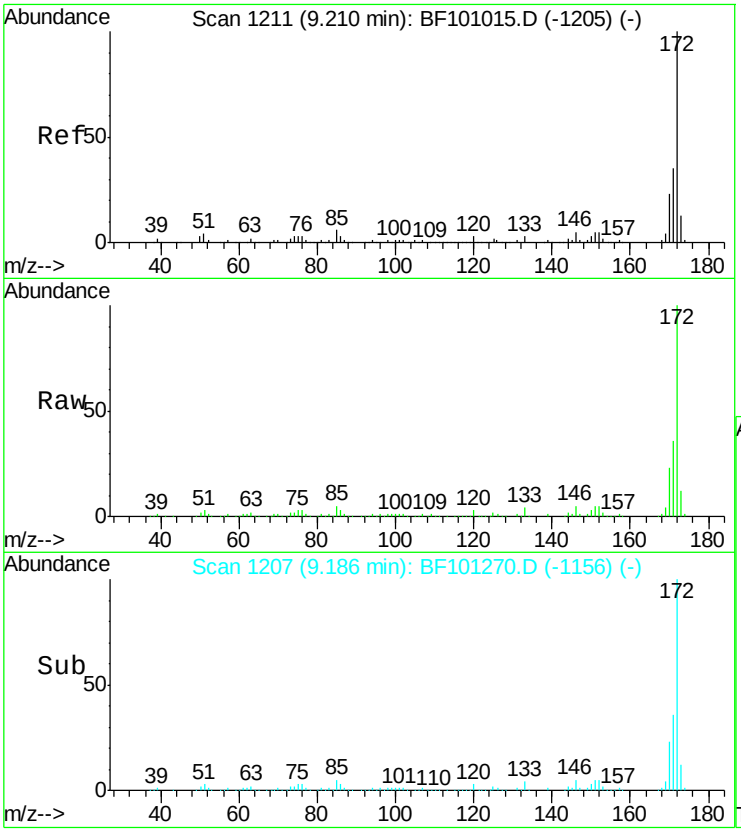


#41
2,4,6-Tribromophenol
Concen: 69.143 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Tgt Ion:330 Resp: 55040

Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	31.0	29.9	44.9



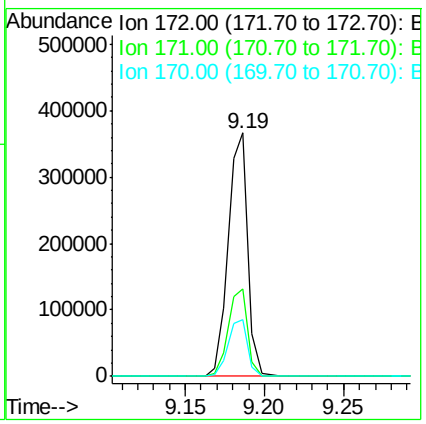


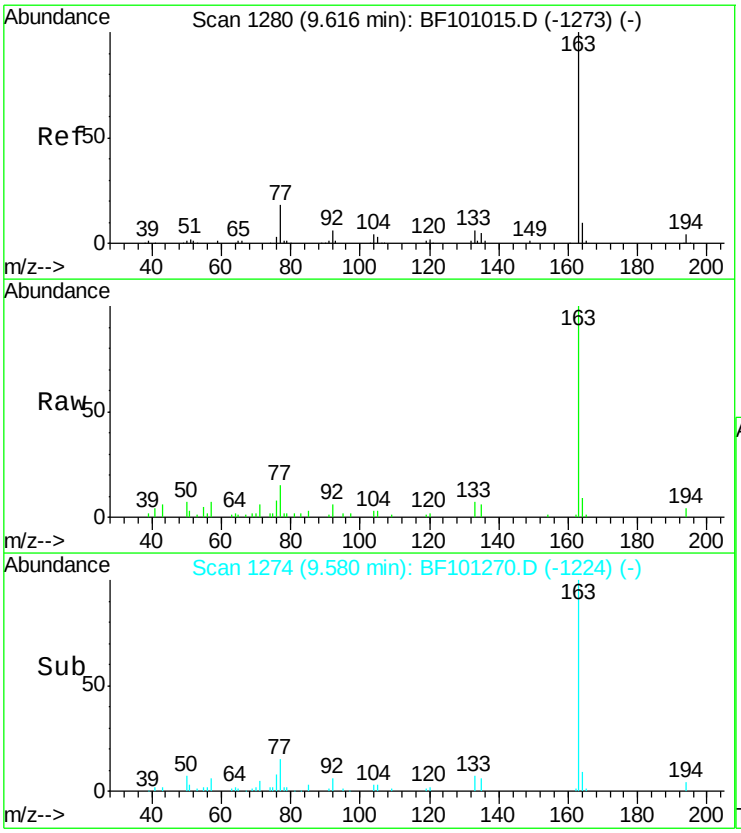
#44
2-Fluorobiphenyl
Concen: 64.392 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(0-1)

Tgt Ion:172 Resp: 311866

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.4	19.6	29.4

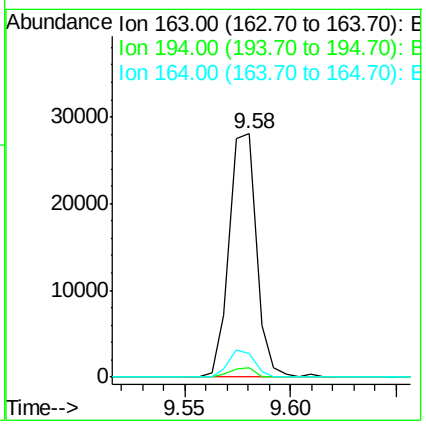


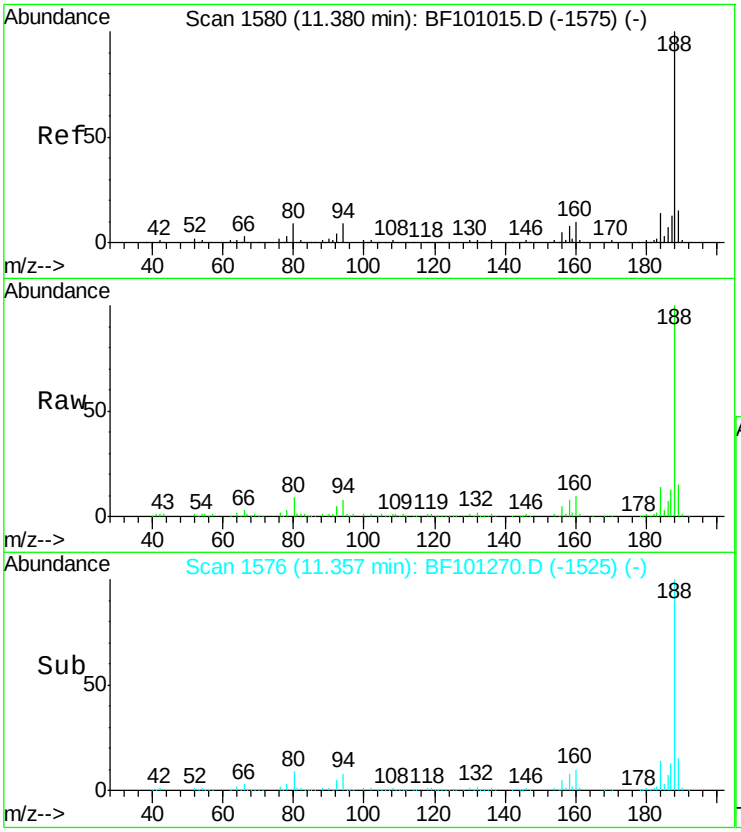


#49
Dimethylphthalate
Concen: 4.694 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Tgt Ion:163 Resp: 25084

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.4	8.2	12.2



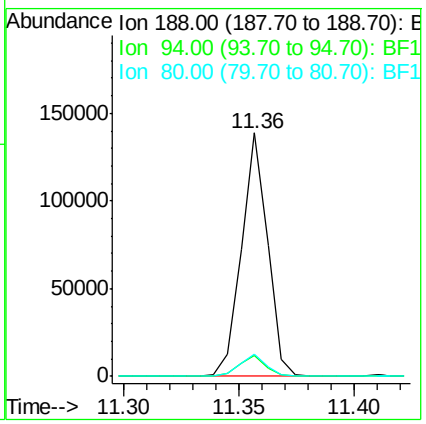


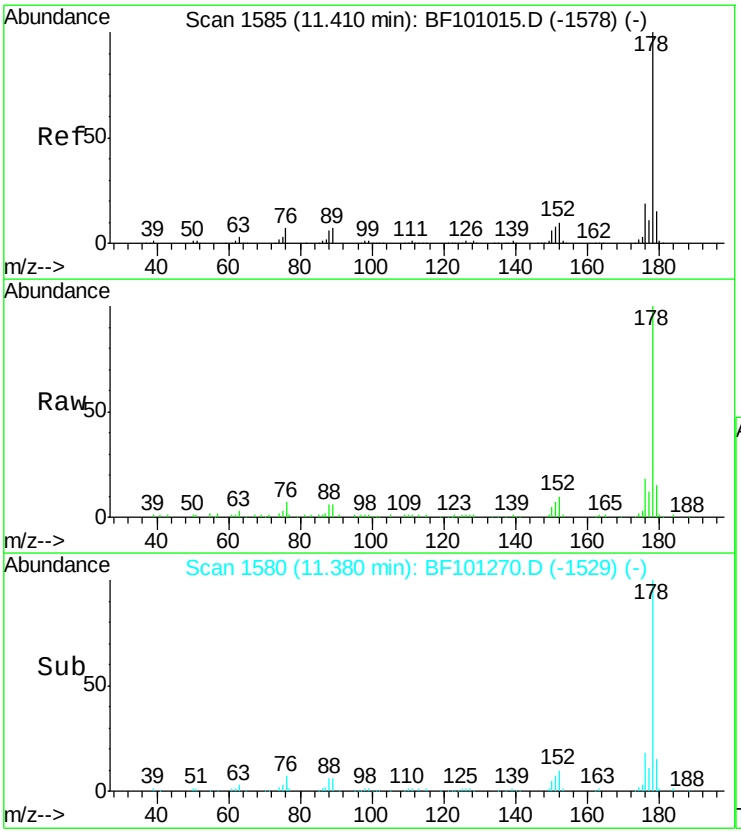
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(0-1)

Tgt Ion:188 Resp: 109487

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.0	9.2	13.8#

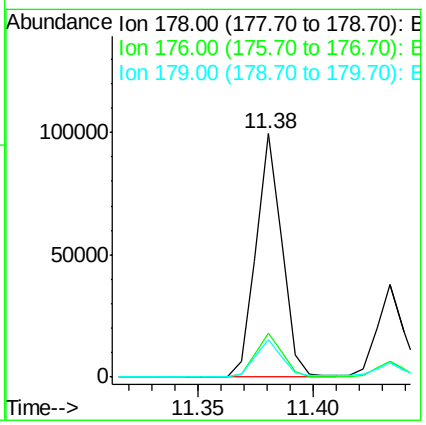


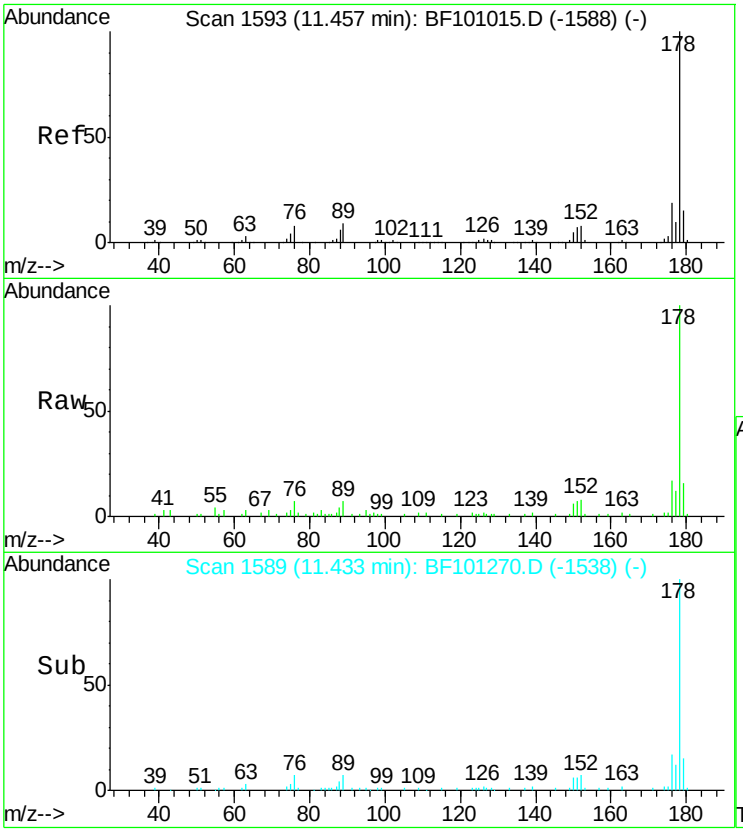


#70
Phenanthrene
Concen: 13.054 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Tgt Ion:178 Resp: 78710

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	15.3	13.0	19.6



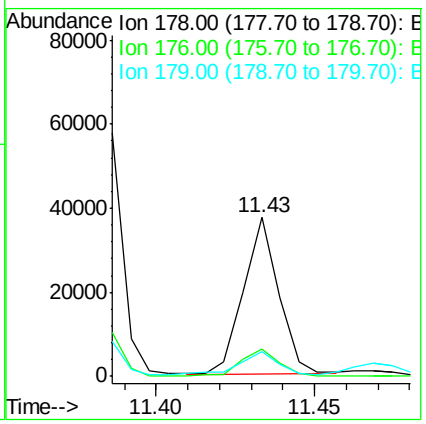


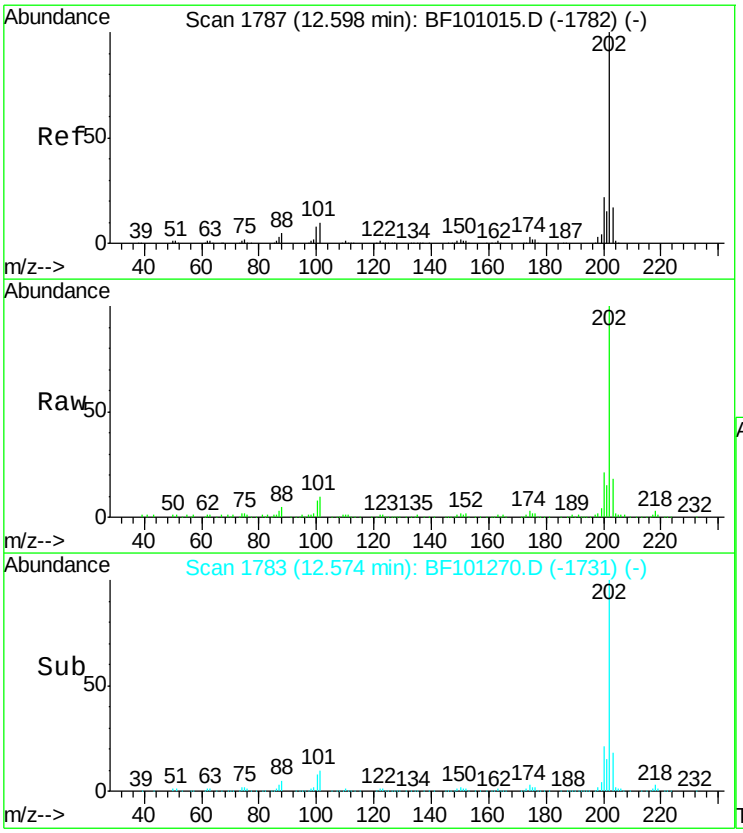
#71
Anthracene
Concen: 4.704 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(0-1)

Tgt Ion:178 Resp: 28707

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.4	23.2
179	15.7	12.6	19.0

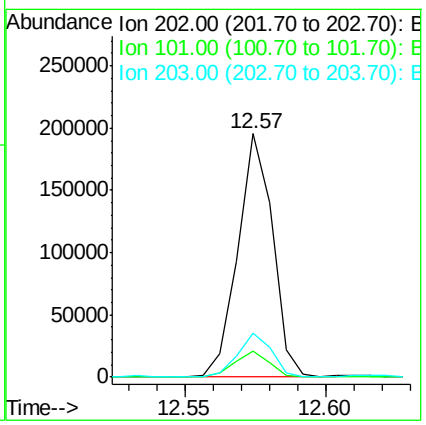


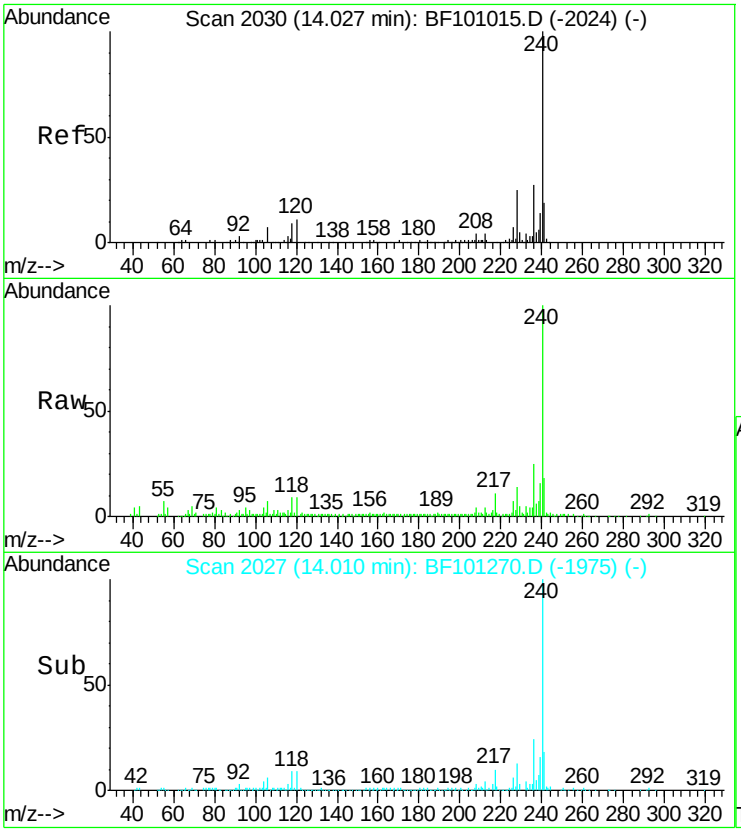


#74
Fluoranthene
Concen: 25.056 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Tgt Ion:202 Resp: 167459

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	34.1
203	18.3	0.0	38.1



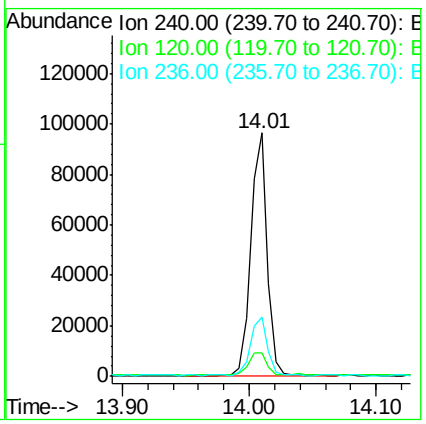


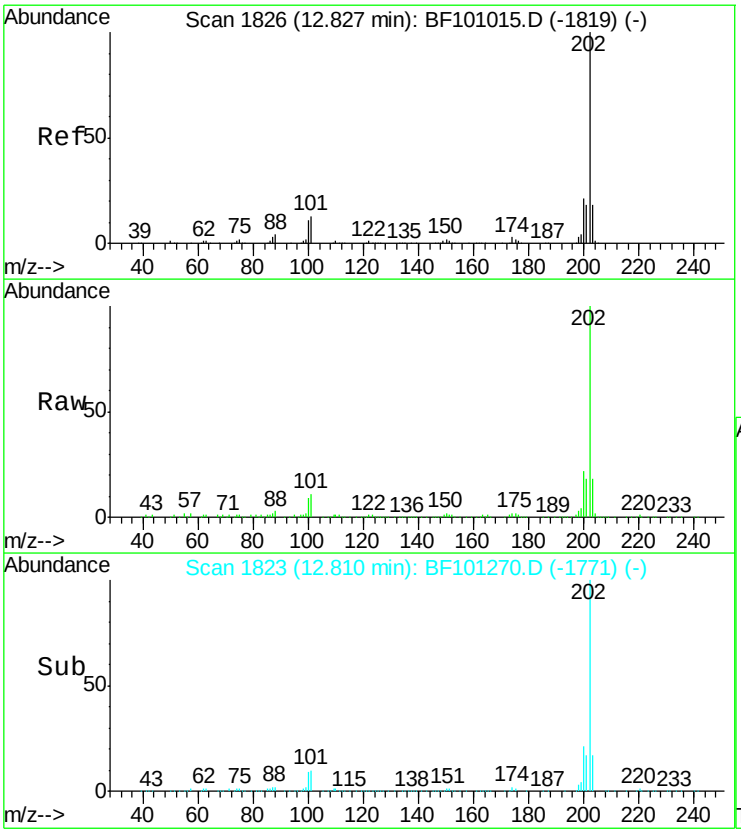
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(0-1)

Tgt Ion:240 Resp: 88357

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	24.5	20.7	31.1

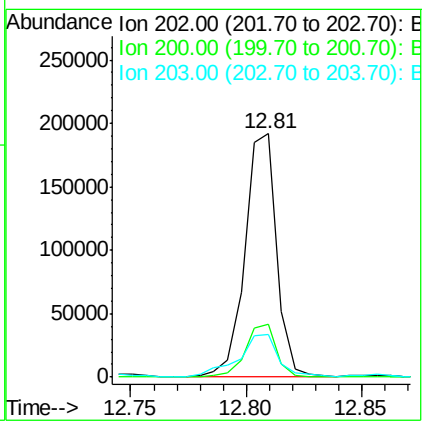


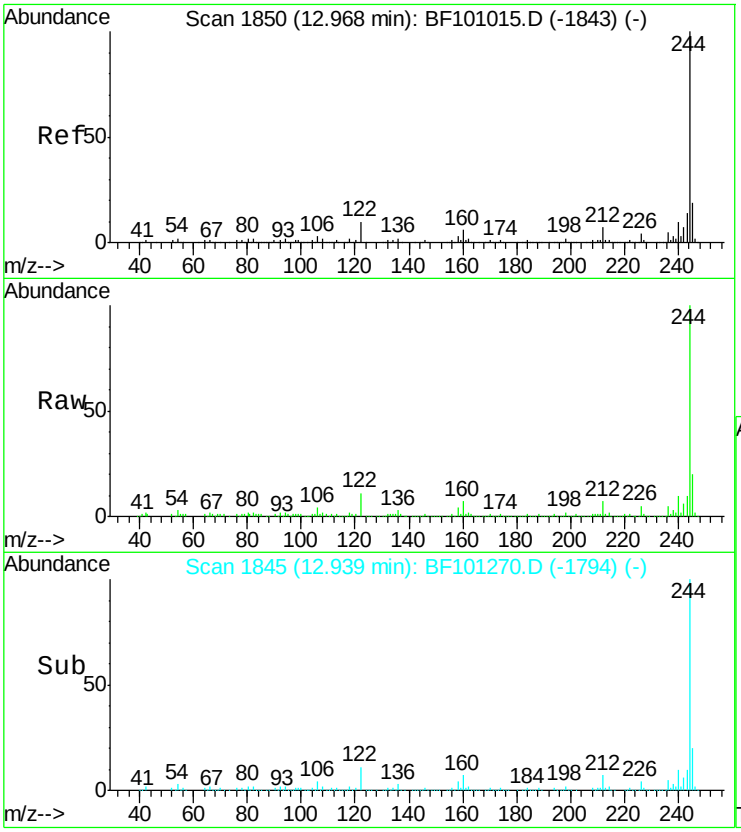


#77
Pyrene
Concen: 30.129 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Tgt Ion:202 Resp: 183693

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.6	14.3	21.5



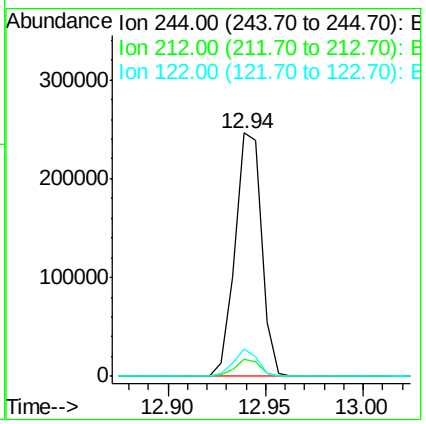


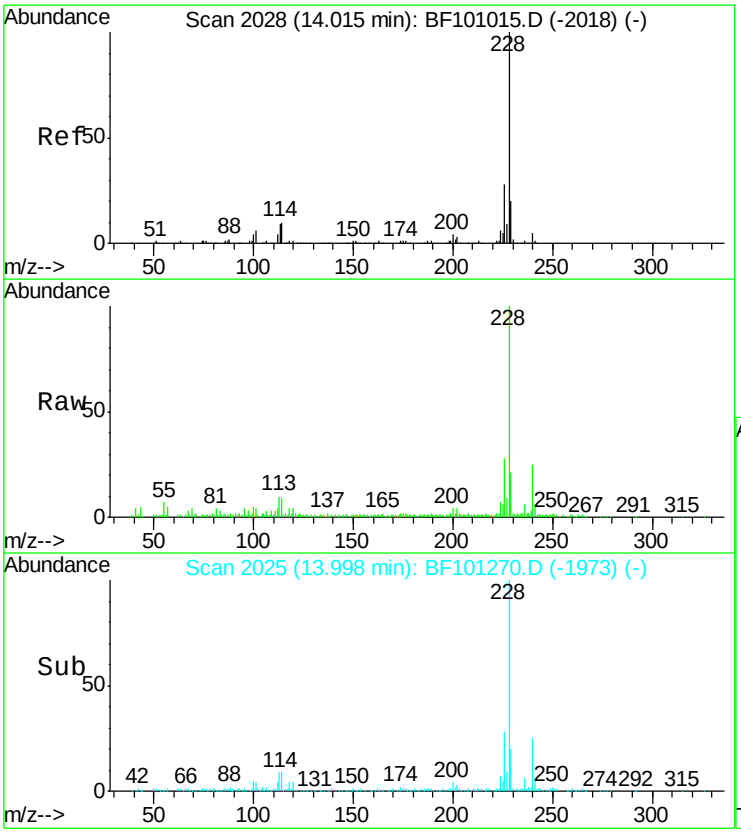
#78
Terphenyl-d14
Concen: 57.508 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(0-1)

Tgt Ion:244 Resp: 232311

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

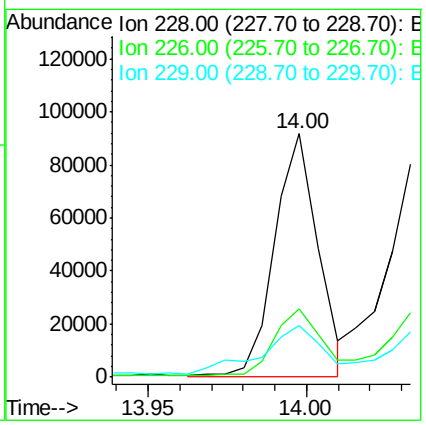


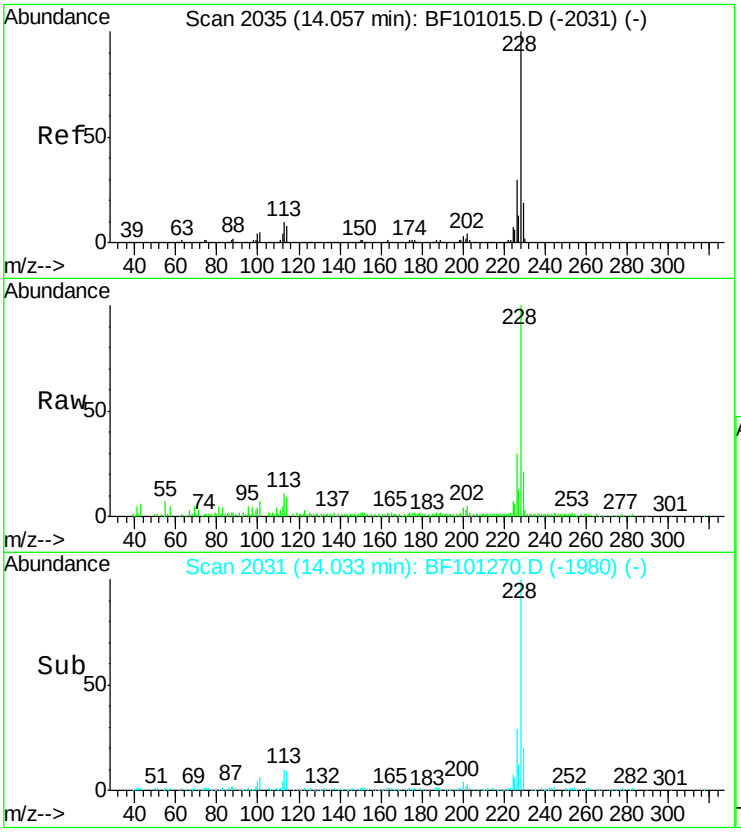


#80
Benzo(a)anthracene
Concen: 15.512 ng m
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Tgt Ion:228 Resp: 86535

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	21.1	15.8	23.6



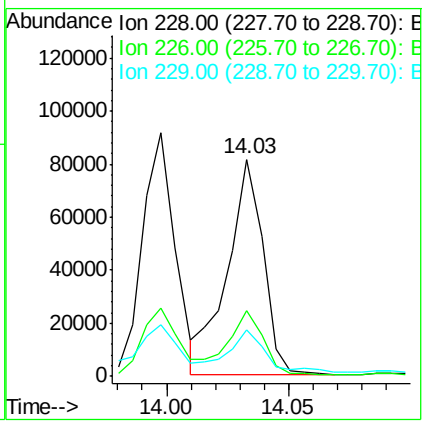


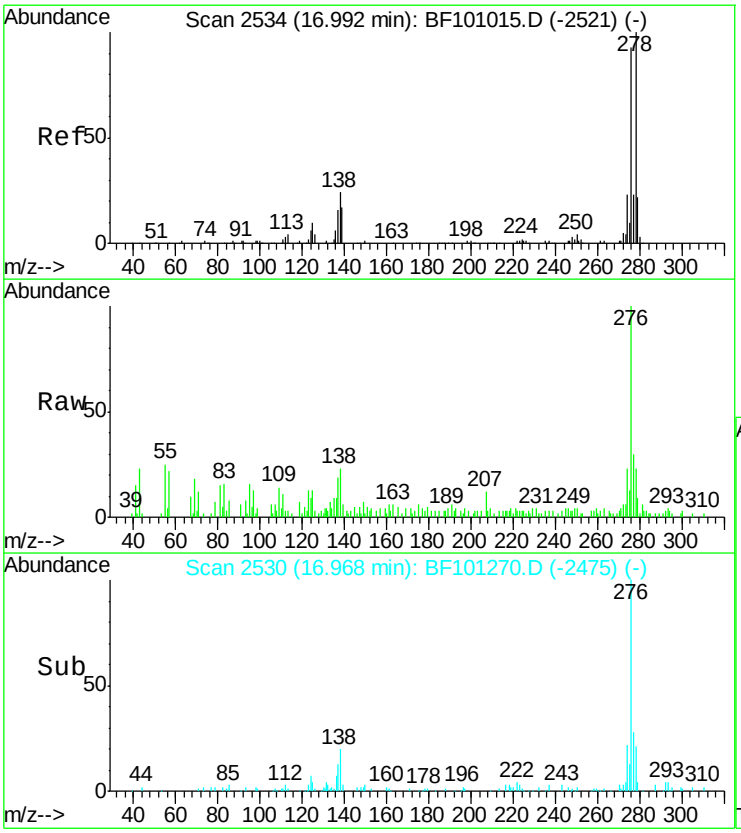
#82
Chrysene
Concen: 15.963 ng m
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(0-1)

Tgt Ion:228 Resp: 82707

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	21.2	16.2	24.4

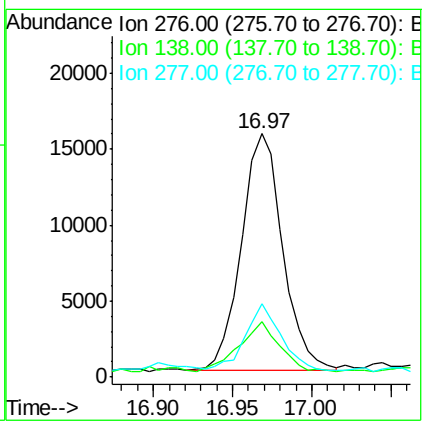


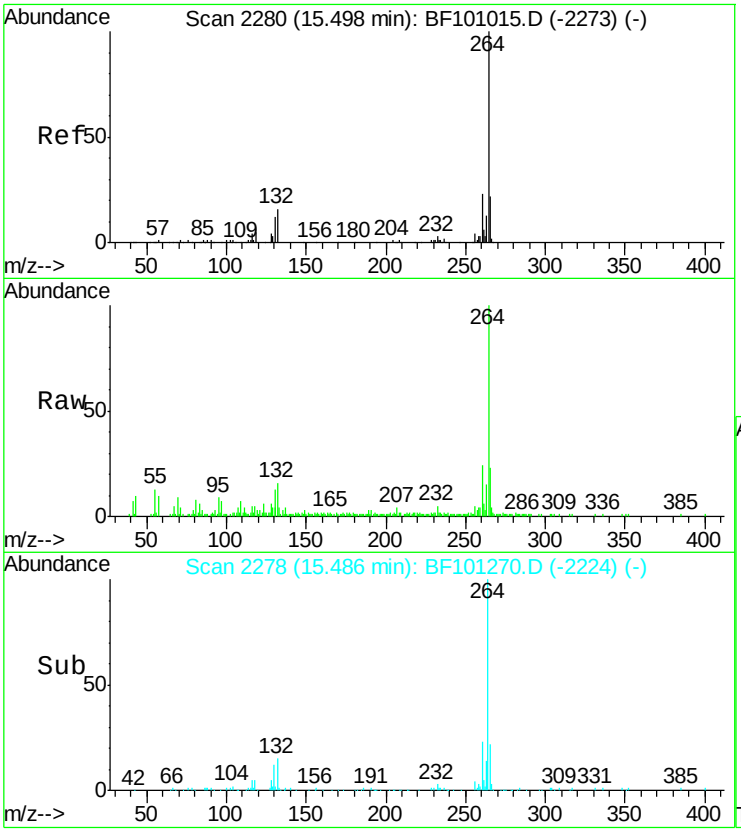


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.118 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.02 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Tgt Ion:276 Resp: 28179

Ion	Ratio	Lower	Upper
276	100		
138	21.5	25.0	37.6#
277	24.4	20.1	30.1



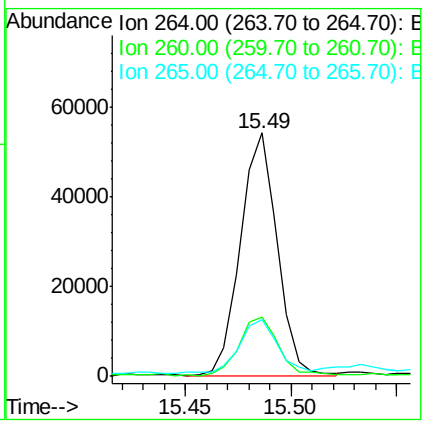


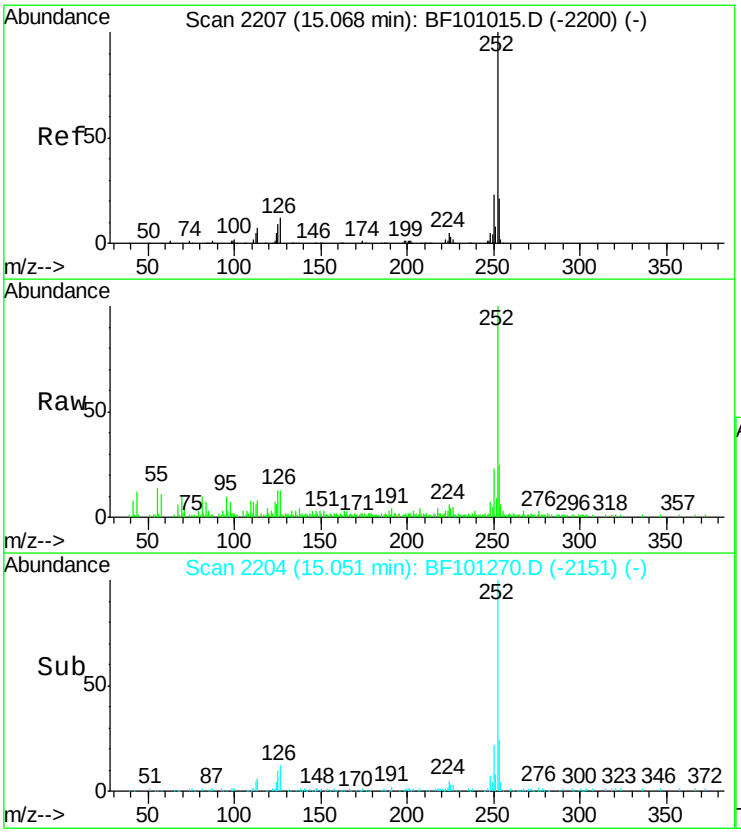
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(0-1)

Tgt Ion:264 Resp: 66099

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	23.2	17.5	26.3

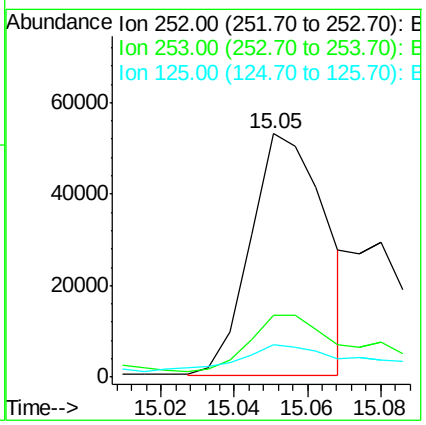


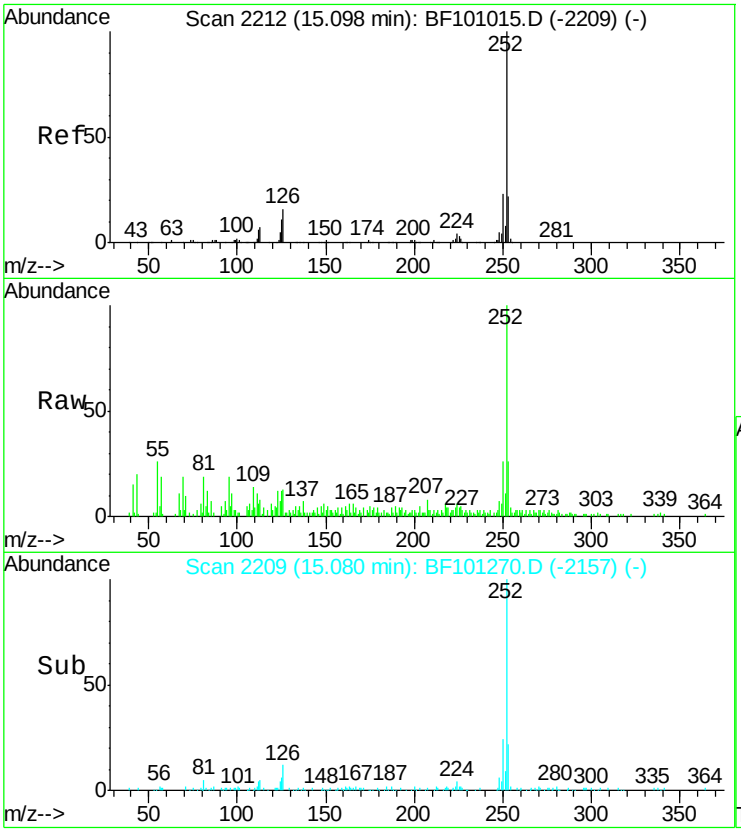


#87
Benzo(b)fluoranthene
Concen: 19.000 ng m
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Tgt Ion:252 Resp: 75222

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.0	25.6
125	13.1	9.0	13.6



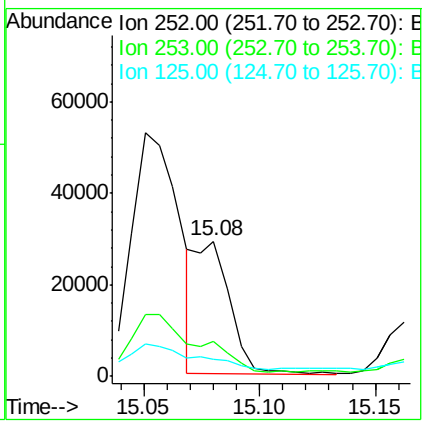


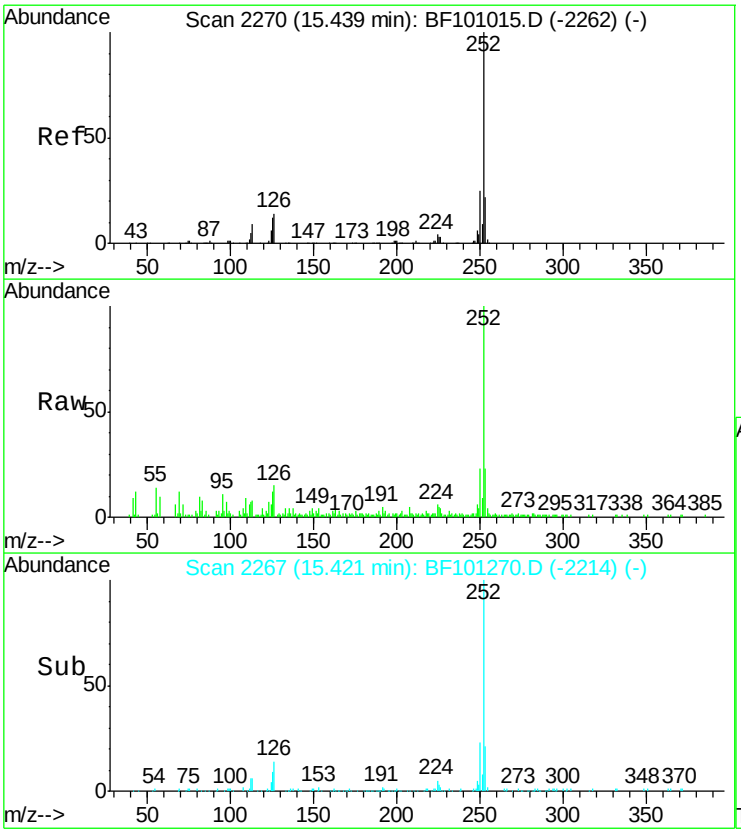
#88
Benzo(k)fluoranthene
Concen: 7.577 ng m
RT: 15.08 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(0-1)

Tgt Ion:252 Resp: 29555

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.9	26.9
125	12.2	10.2	15.2

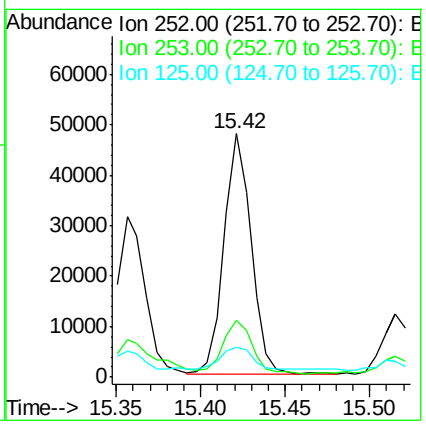


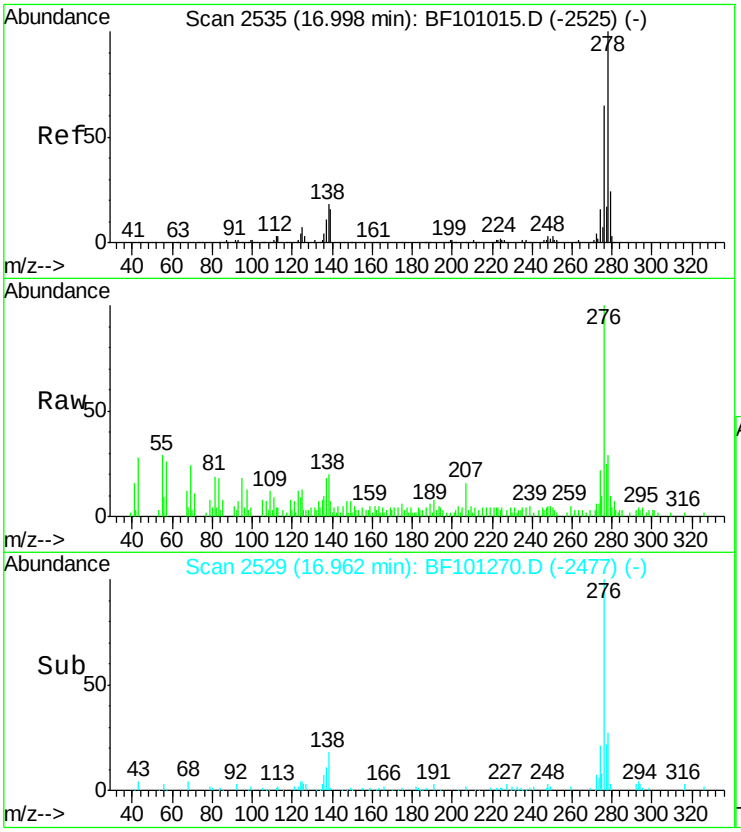


#89
Benzo(a)pyrene
Concen: 14.847 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Tgt Ion:252 Resp: 53439

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	12.1	9.8	14.6



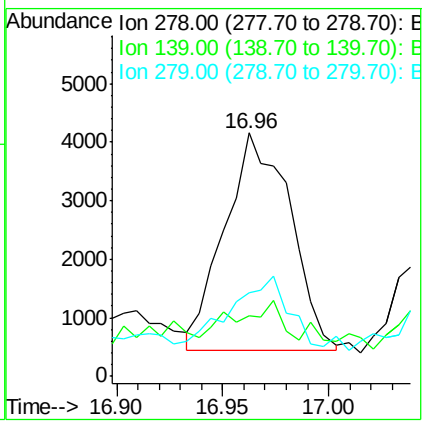


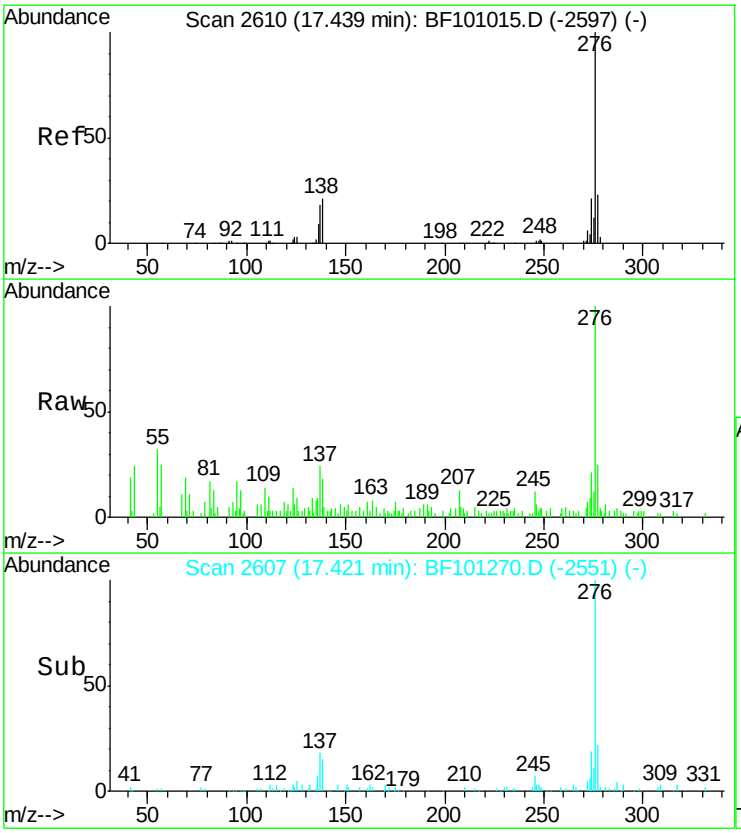
#90
Dibenzo(a,h)anthracene
Concen: 2.504 ng m
RT: 16.96 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(0-1)

Tgt Ion:278 Resp: 7945

Ion	Ratio	Lower	Upper
278	100		
139	24.8	15.9	23.9#
279	34.2	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 9.527 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.03 min
Lab File: BF101270.D
Acq: 9 Dec 2017 8:24

Tgt Ion:276 Resp: 28489

Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	17.6	21.8	32.8#