Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101273.D
Acq On : 9 Dec 2017 9:45
Operator : SJ/JU
Sample : I6744-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PROS-3-E(4-5)

Quant Time: Dec 11 01:15:22 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	45856	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	162169	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	65800	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	108625	20.00	ng		0.00
75) Chrysene-d12	14.01	240	84897	20.00	ng		0.00
86) Perylene-d12	15.49	264	63424	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	266926	96.19	ng		0.01
7) Phenol-d6	6.47	99	315992	93.79	ng		0.00
23) Nitrobenzene-d5	7.39	82	170457	62.70	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	61156	77.37	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	352234	73.24	ng		0.00
78) Terphenyl-d14	12.94	244	283502	73.04	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.48	94	11752	3.137	ng		89
49) Dimethylphthalate	9.58	163	32435	6.112	ng		98
70) Phenanthrene	11.38	178	23666	3.956	ng		97
74) Fluoranthene	12.57	202	51024	7.695	ng		94
77) Pyrene	12.80	202	51922	8.863	ng		97
80) Benzo(a)anthracene	14.00	228	21305m	3.975	ng		
82) Chrysene	14.03	228	21921m	4.403	ng		
83) Bis(2-ethylhexyl)phthalate	13.97	149	49019	13.311	ng		99
85) Indeno(1,2,3-cd)pyrene	16.97	276	9469	2.139	ng	#	88
87) Benzo(b)fluoranthene	15.05	252	19173m	5.047	ng		
89) Benzo(a)pyrene	15.42	252	14609	4.230	ng	#	89
91) Benzo(g,h,i)perylene	17.42	276	9722	3.388	ng		93

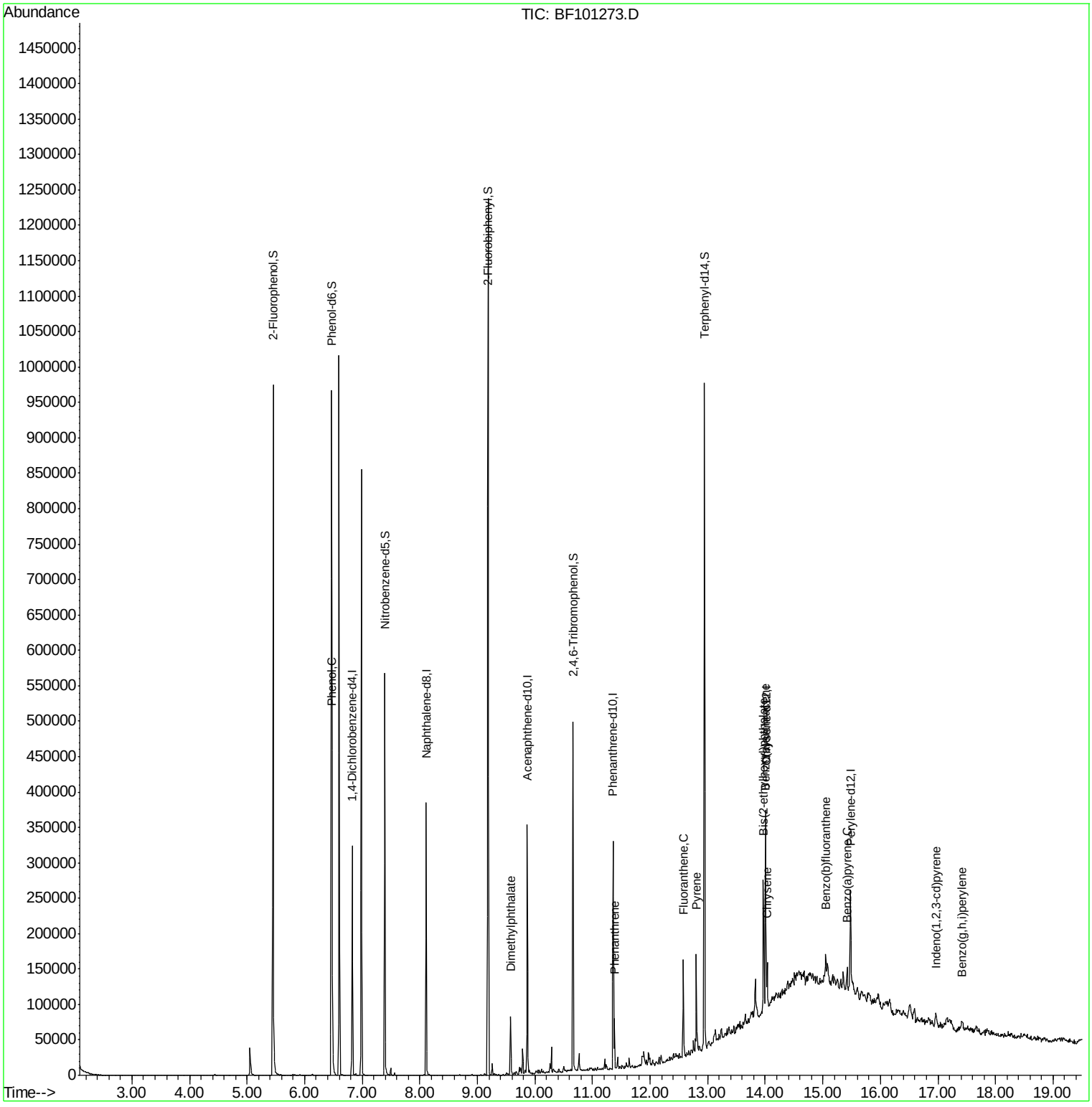
(#) = qualifier out of range (m) = manual integration (+) = signals summed

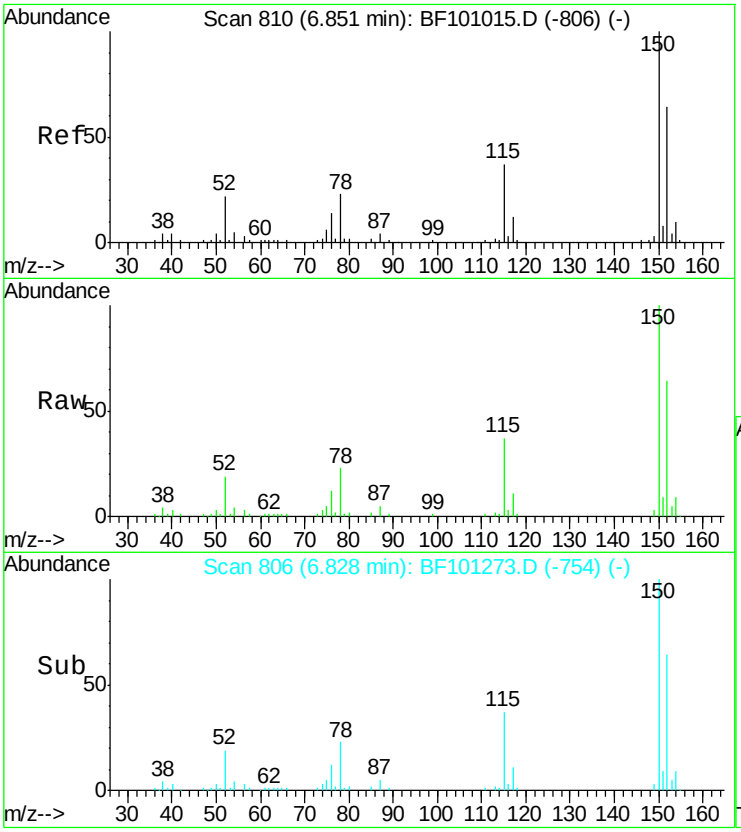
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101273.D
Acq On : 9 Dec 2017 9:45
Operator : SJ/JU
Sample : I6744-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(4-5)

Quant Time: Dec 11 01:15:22 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



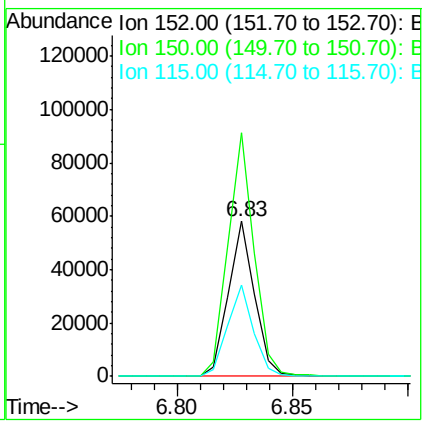


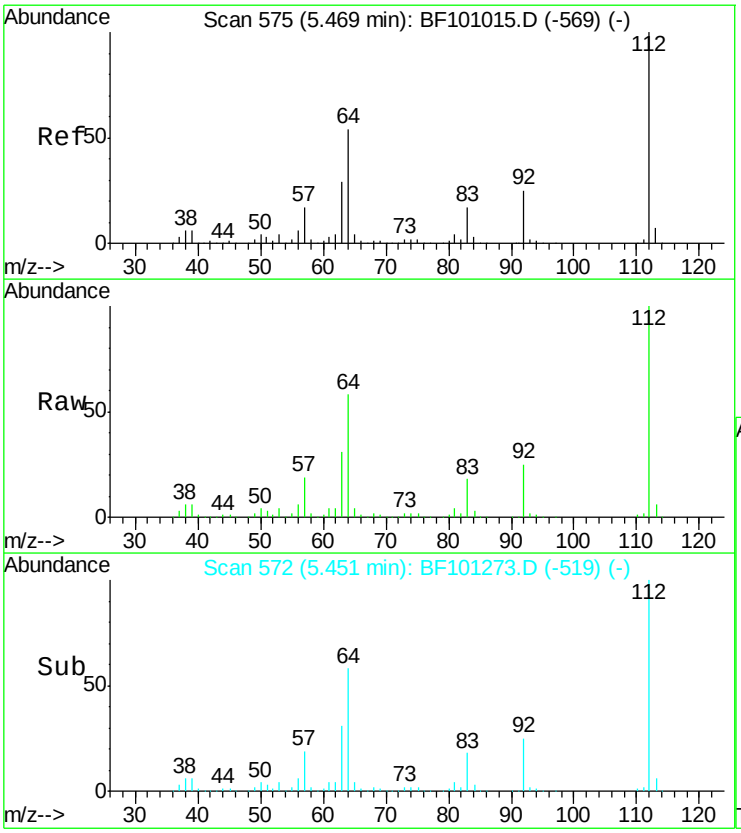
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(4-5)

Tgt Ion:152 Resp: 45856

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	58.6	50.1	75.1

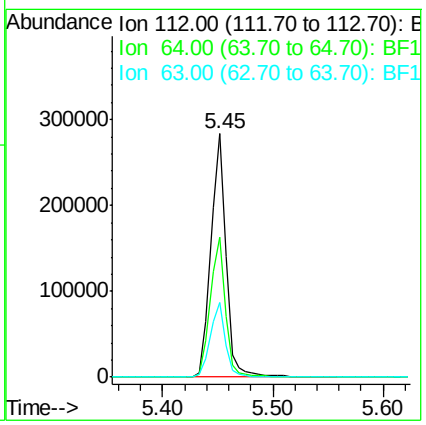


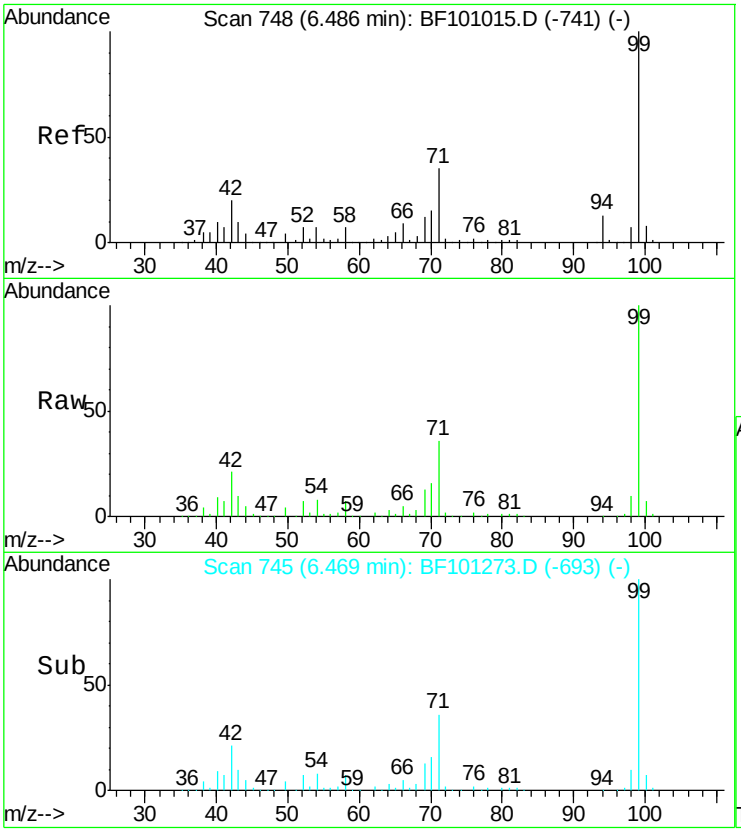


#5
2-Fluorophenol
Concen: 96.188 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Tgt Ion:112 Resp: 266926

Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.9	71.9
63	30.6	23.7	35.5



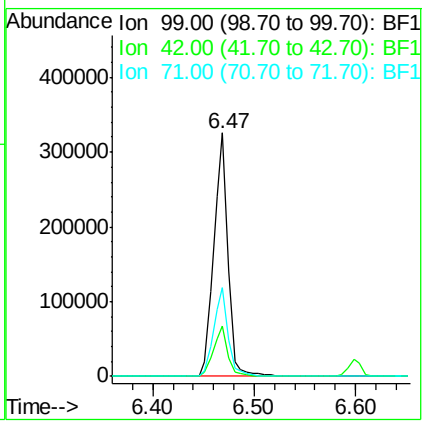


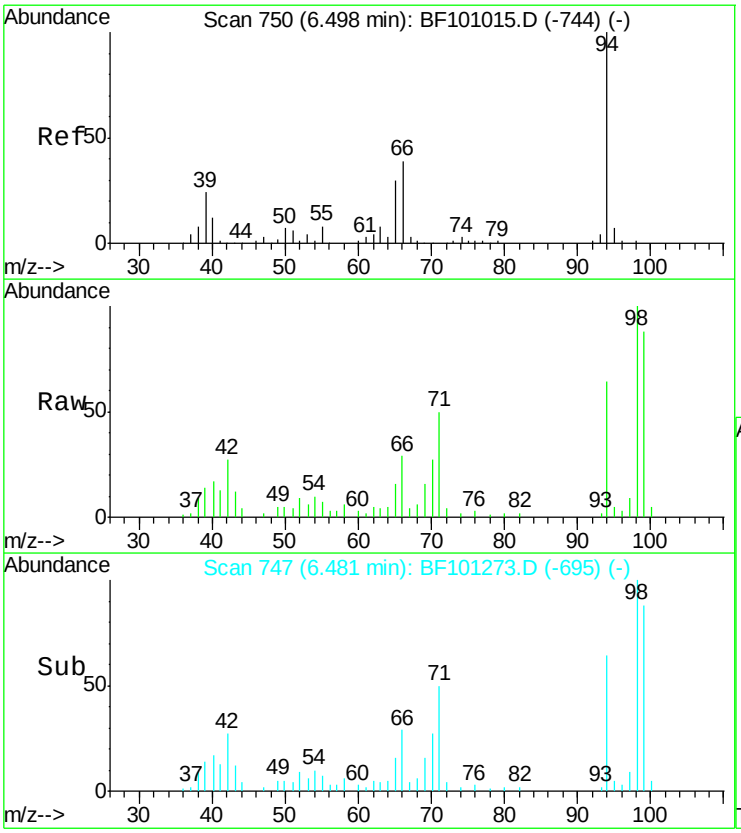
#7
Phenol-d6
Concen: 93.789 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(4-5)

Tgt Ion: 99 Resp: 315992

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	36.3	25.4	38.0

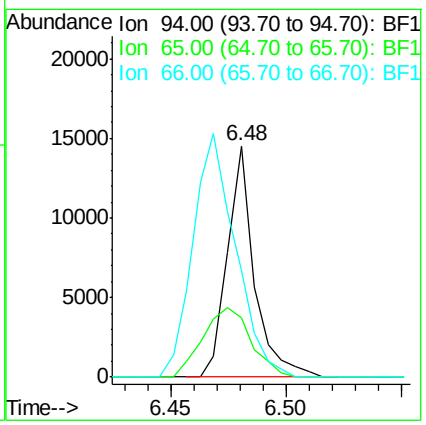


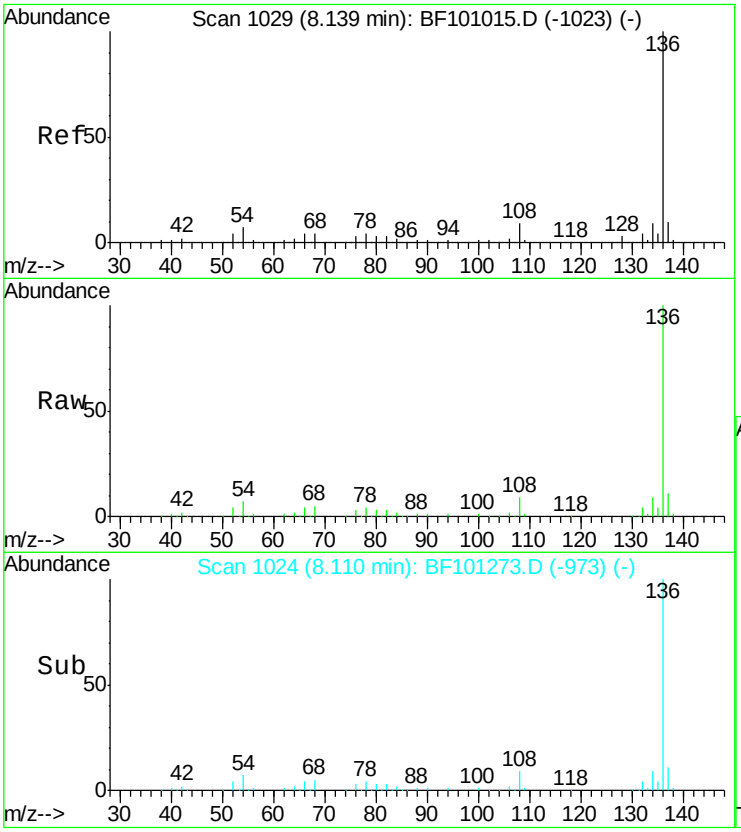


#10
Phenol
Concen: 3.137 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Tgt Ion: 94 Resp: 11752

Ion	Ratio	Lower	Upper
94	100		
65	25.8	7.9	47.9
66	46.3	16.2	56.2



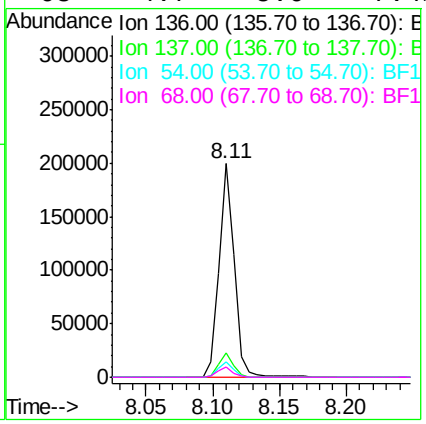


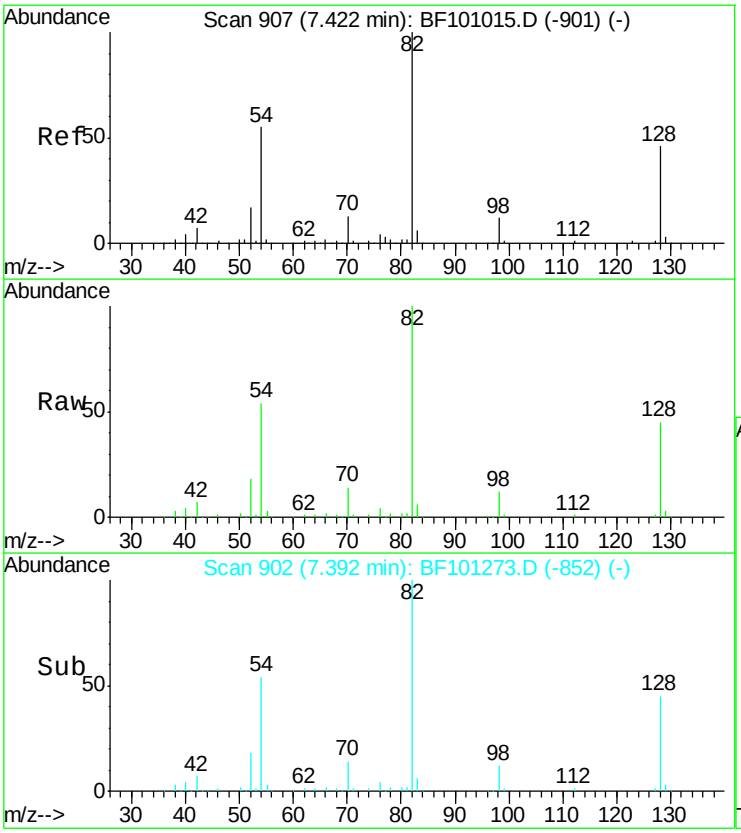
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(4-5)

Tgt Ion:136 Resp: 162169

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.5	6.6	9.8
68	4.7	5.0	7.4#

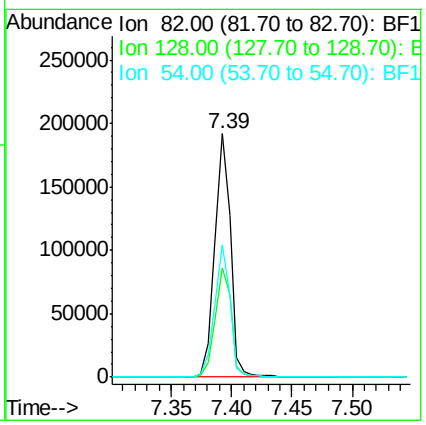


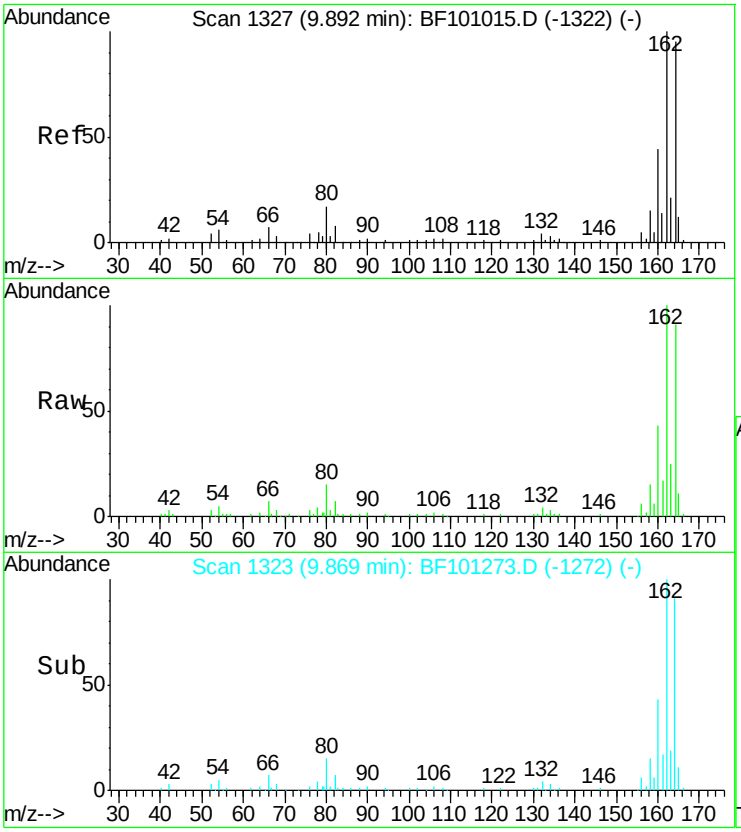


#23
Nitrobenzene-d5
Concen: 62.702 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Tgt Ion: 82 Resp: 170457

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	54.2	41.4	62.2



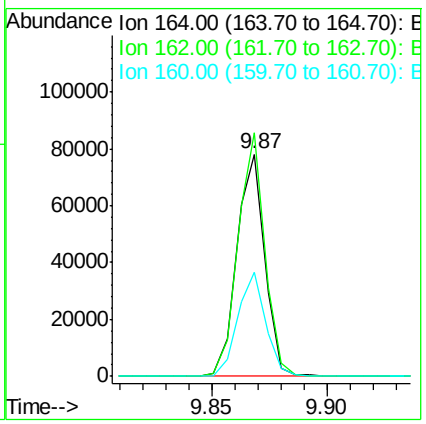


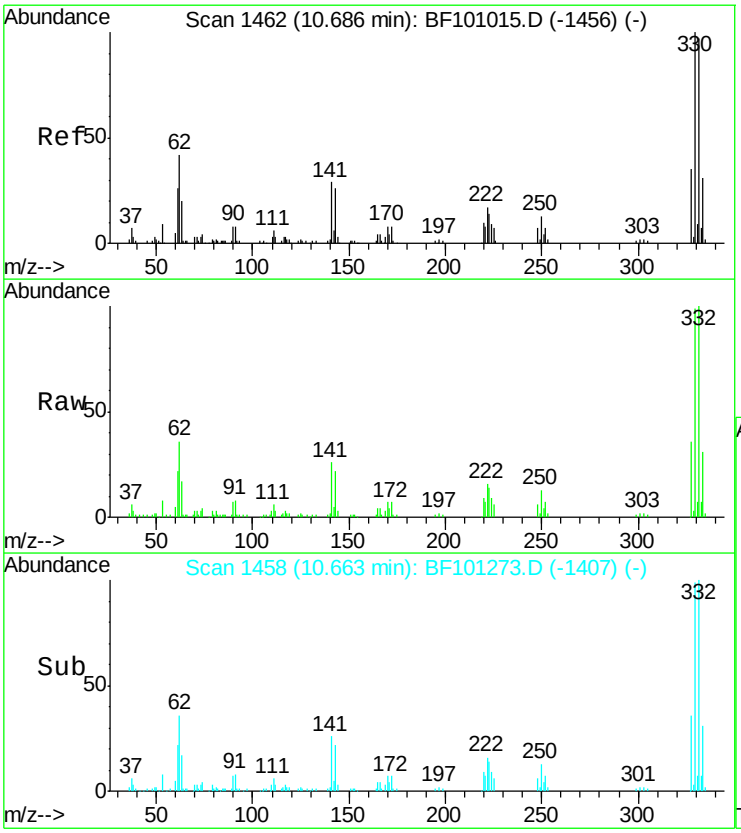
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(4-5)

Tgt Ion:164 Resp: 65800

Ion	Ratio	Lower	Upper
164	100		
162	109.4	86.1	129.1
160	46.6	38.3	57.5

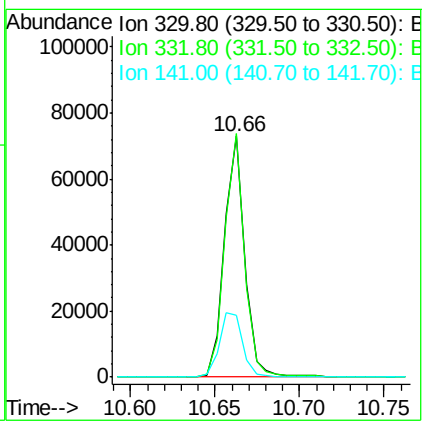


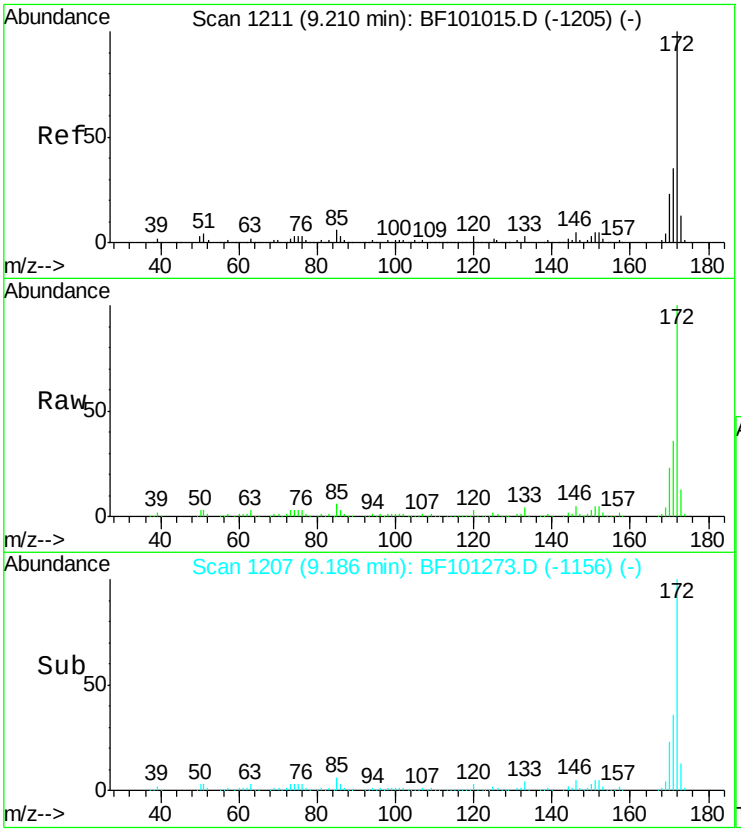


#41
2,4,6-Tribromophenol
Concen: 77.369 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Tgt Ion:330 Resp: 61156

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.6
141	30.5	29.9	44.9



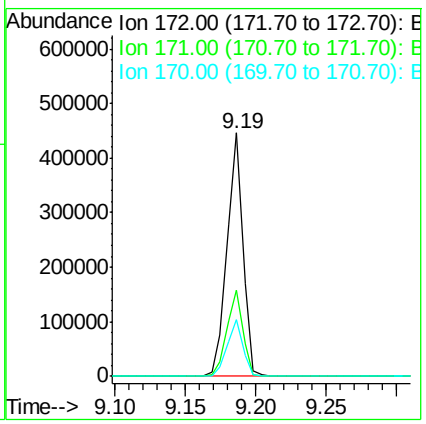


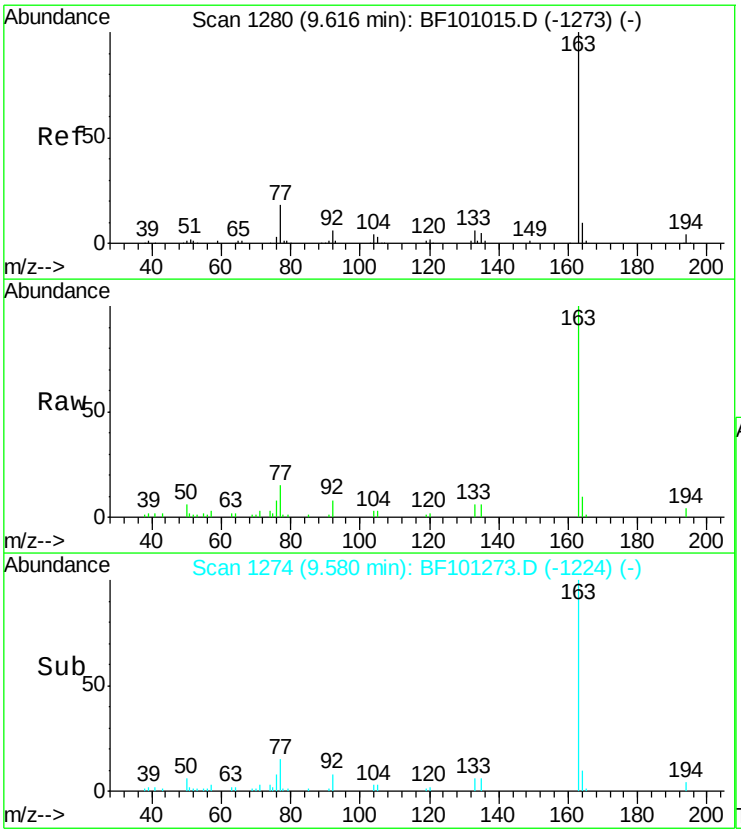
#44
2-Fluorobiphenyl
Concen: 73.241 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(4-5)

Tgt Ion:172 Resp: 352234

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.3	19.6	29.4

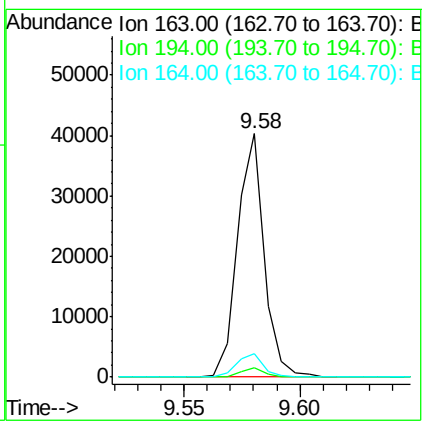


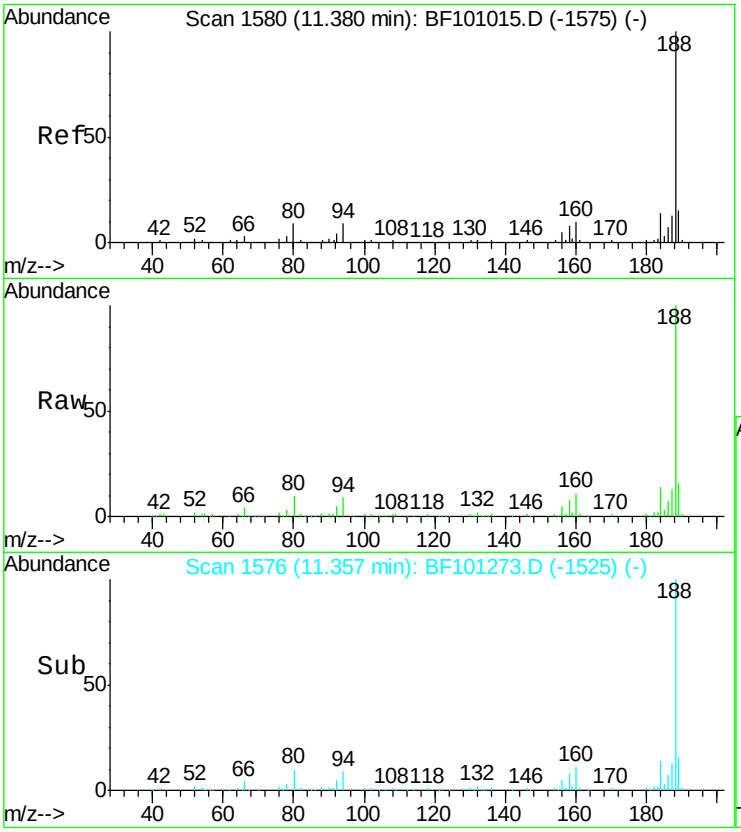


#49
Dimethylphthalate
Concen: 6.112 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Tgt Ion:163 Resp: 32435

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1
164	9.5	8.2	12.2



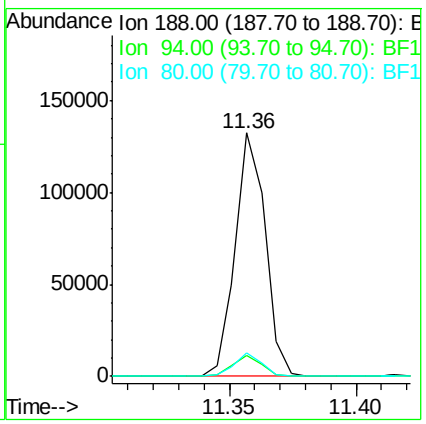


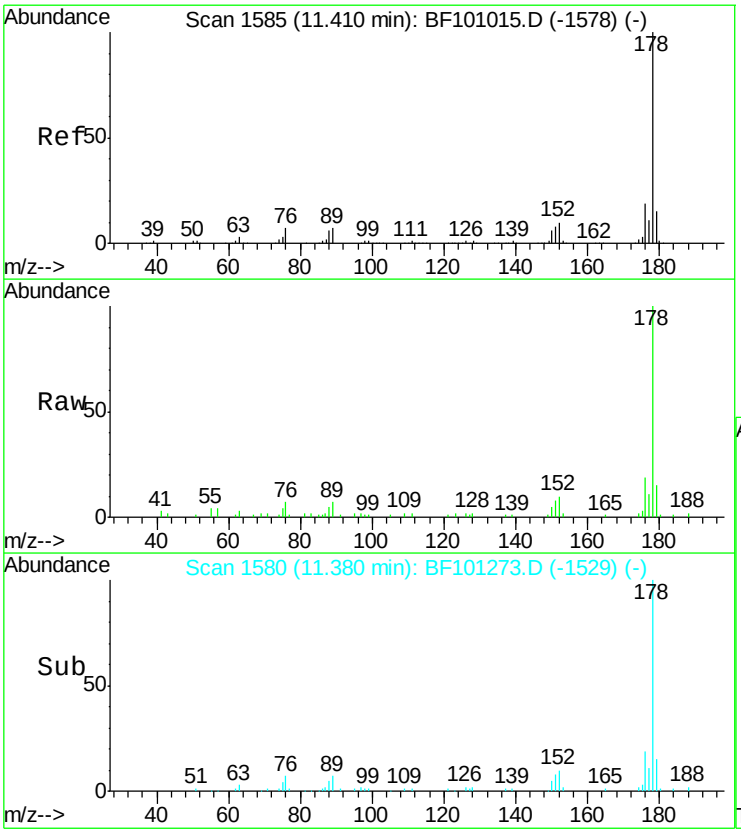
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(4-5)

Tgt Ion:188 Resp: 108625

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.7	9.2	13.8

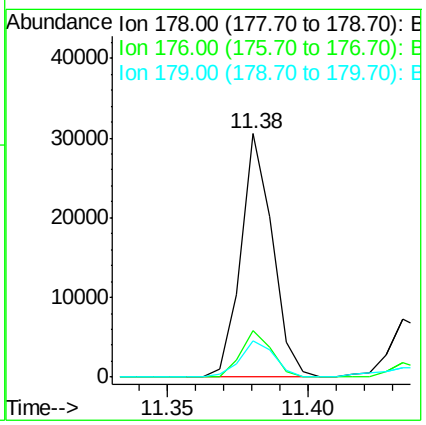


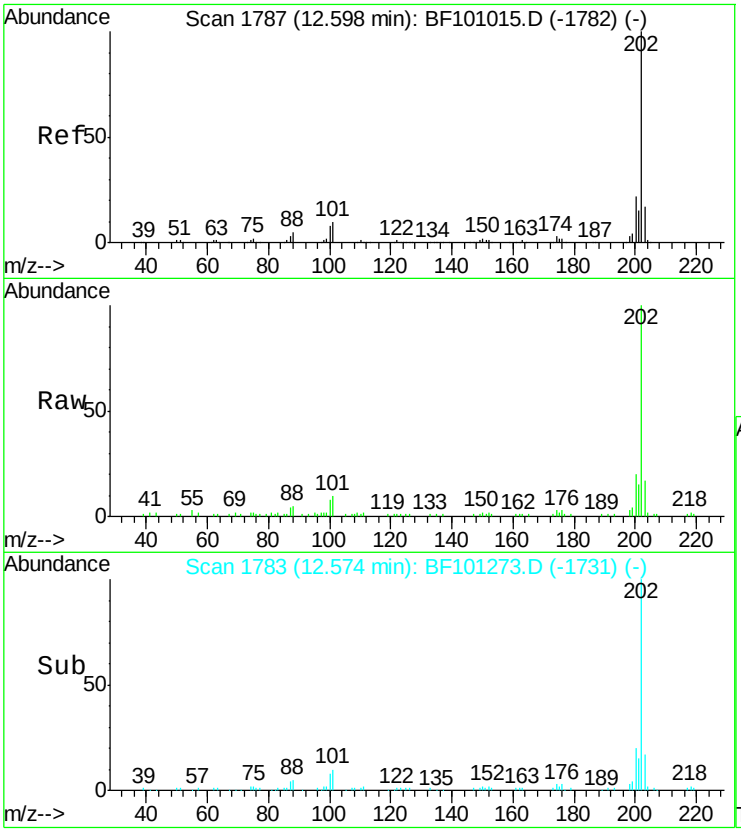


#70
Phenanthrene
Concen: 3.956 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Tgt Ion:178 Resp: 23666

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	14.6	13.0	19.6



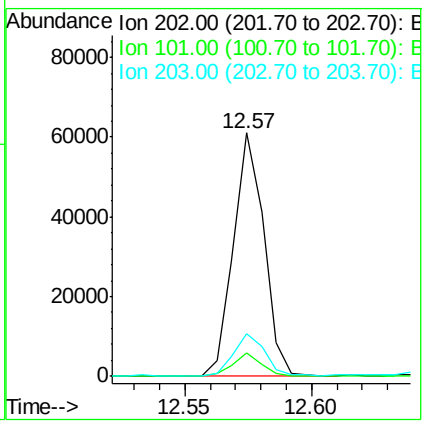


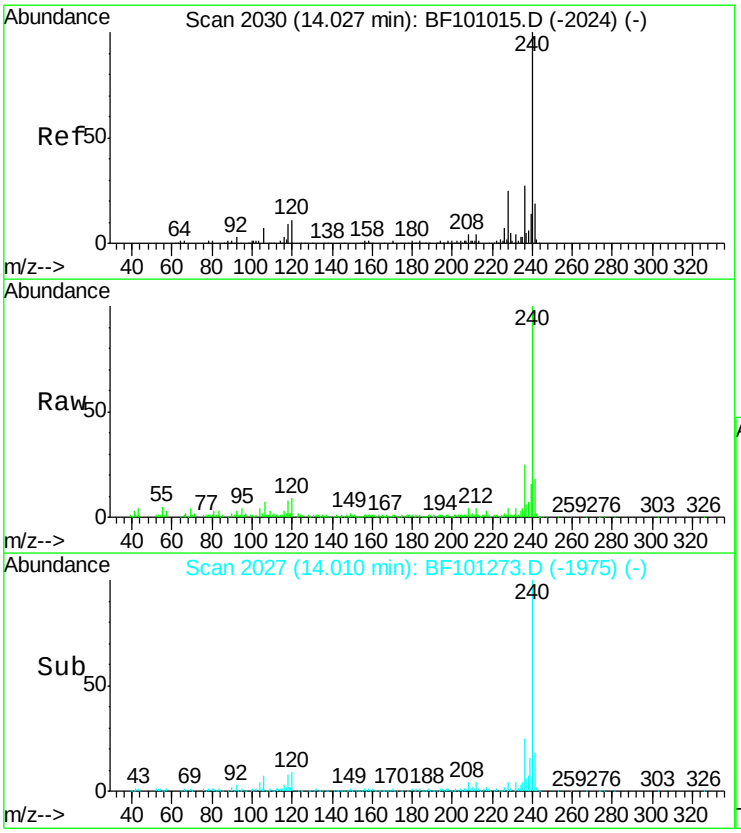
#74
Fluoranthene
Concen: 7.695 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(4-5)

Tgt Ion:202 Resp: 51024

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	34.1
203	17.4	0.0	38.1

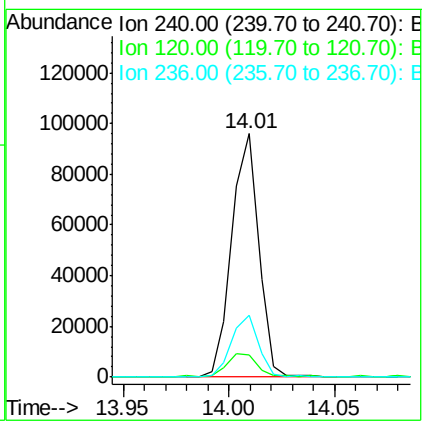


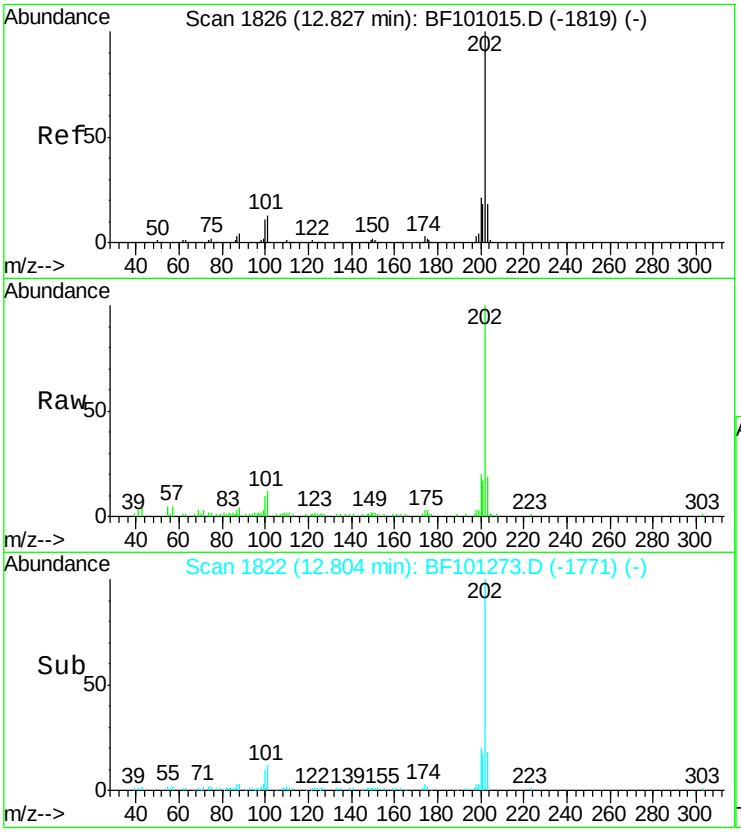


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Tgt Ion:240 Resp: 84897

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.5	14.3#
236	25.2	20.7	31.1



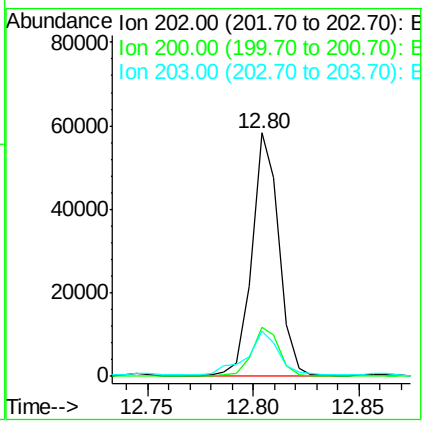


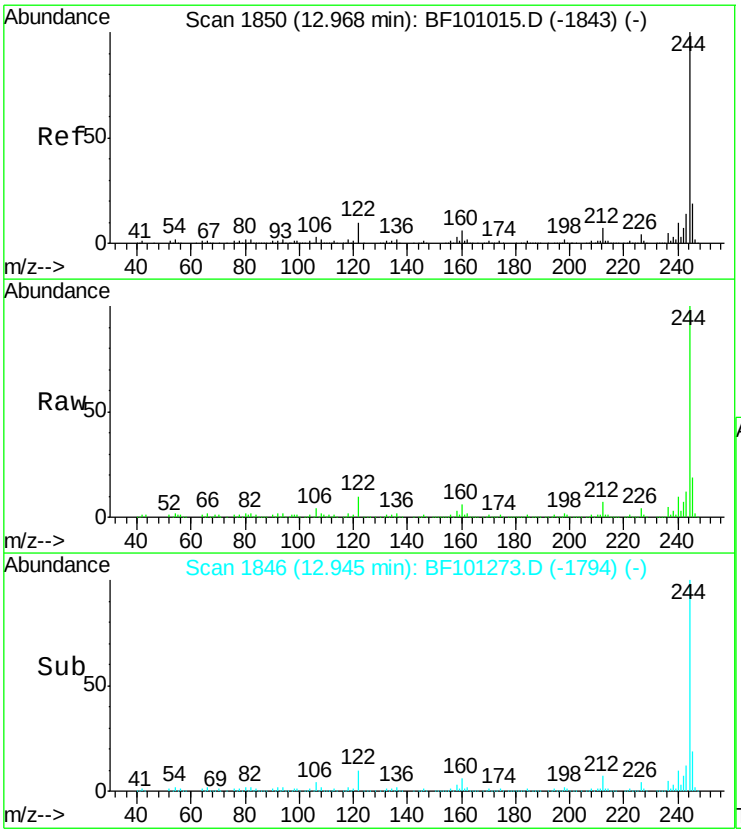
#77
Pyrene
Concen: 8.863 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(4-5)

Tgt Ion:202 Resp: 51922

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	18.8	14.3	21.5

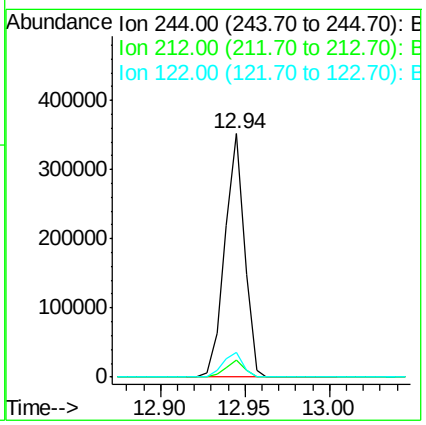


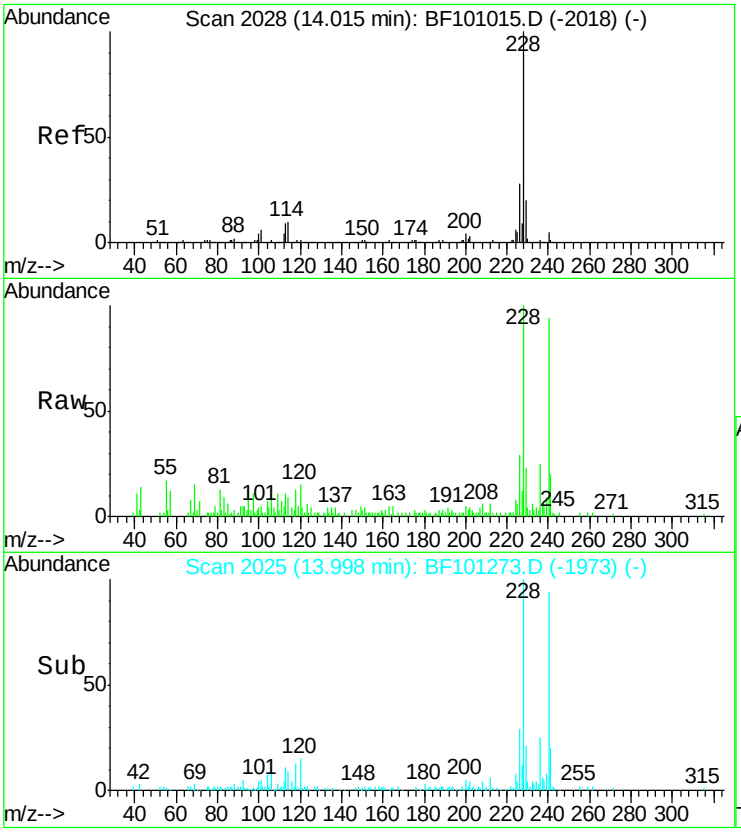


#78
Terphenyl-d14
Concen: 73.041 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Tgt Ion:244 Resp: 283502

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.1	11.0	16.4#



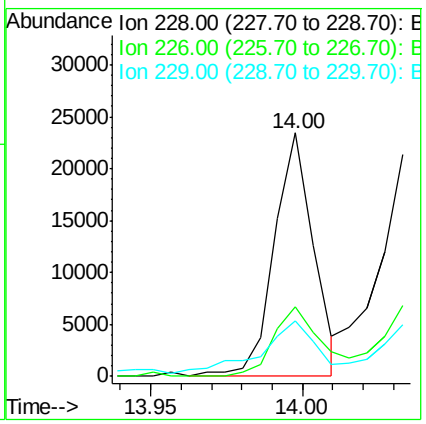


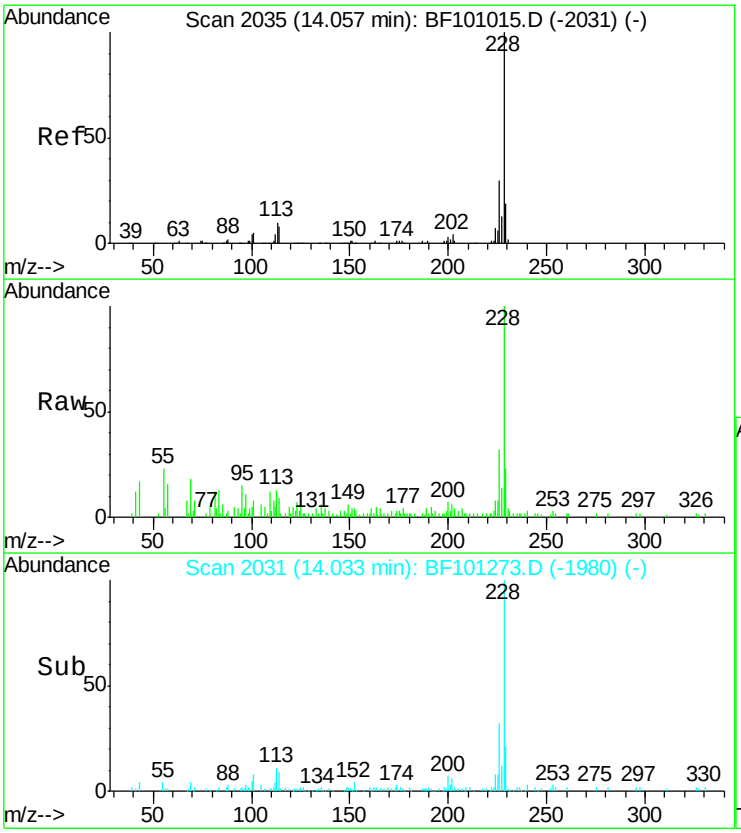
#80
Benzo(a)anthracene
Concen: 3.975 ng m
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(4-5)

Tgt Ion:228 Resp: 21305

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	22.5	15.8	23.6

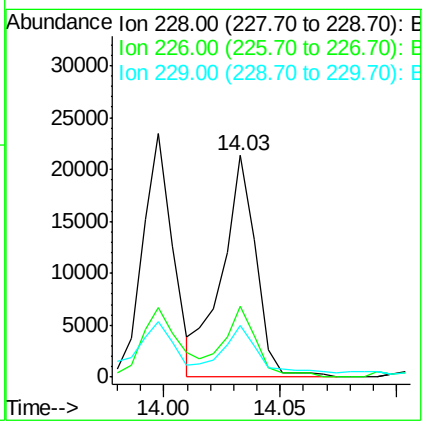


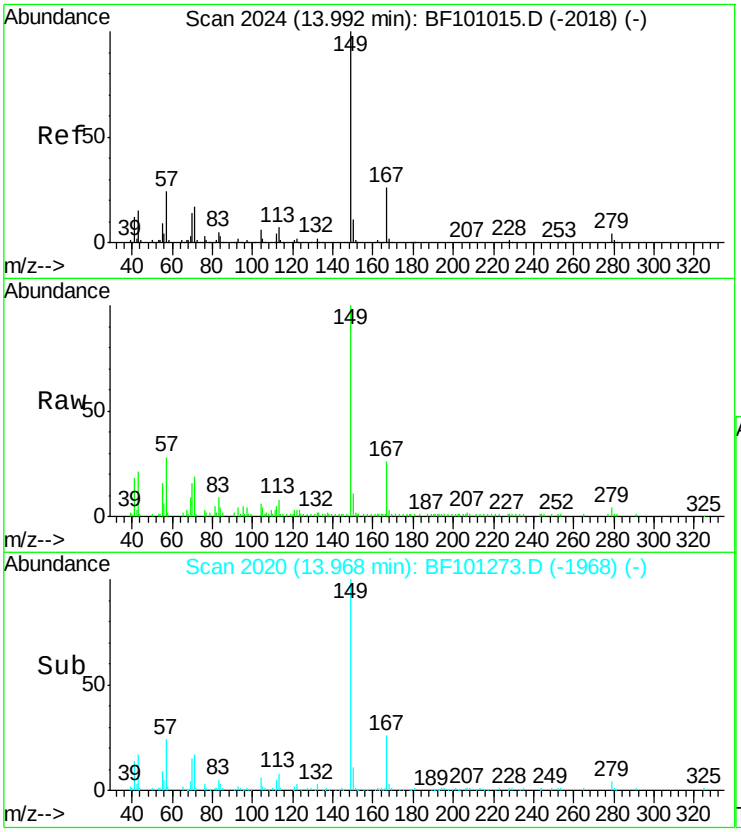


#82
Chrysene
Concen: 4.403 ng m
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Tgt Ion:228 Resp: 21921

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.6
229	23.1	16.2	24.4



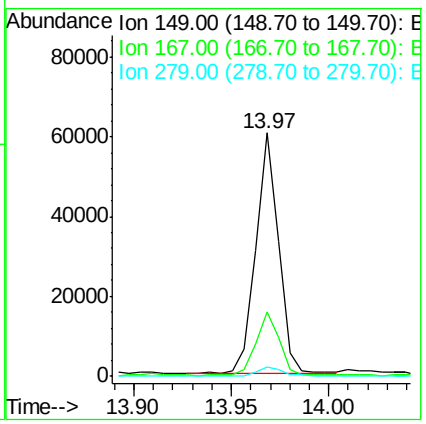


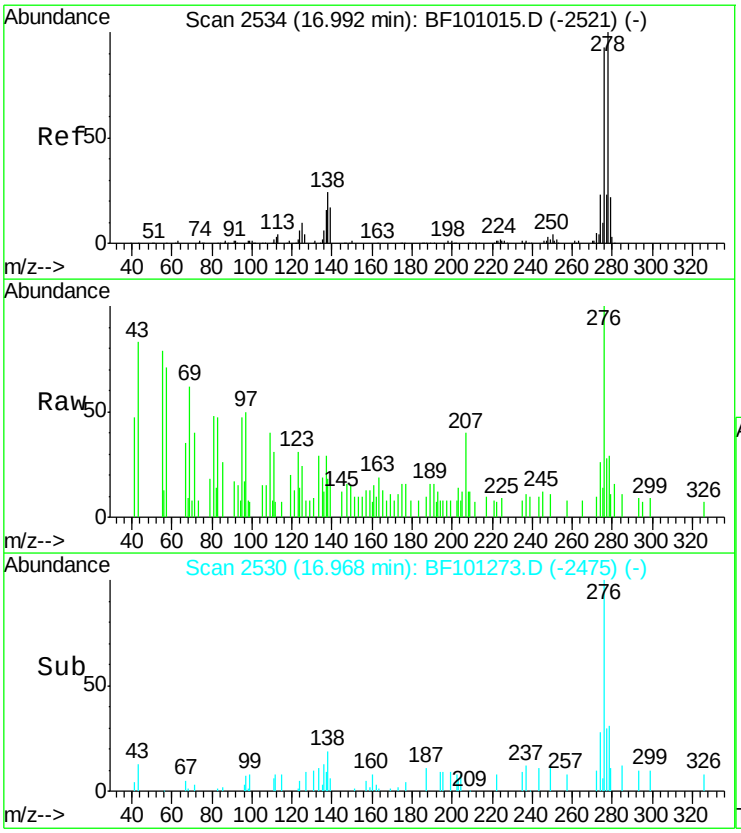
#83
Bis(2-ethylhexyl)phthalate
Concen: 13.311 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(4-5)

Tgt Ion:149 Resp: 49019

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.7	3.0	4.4

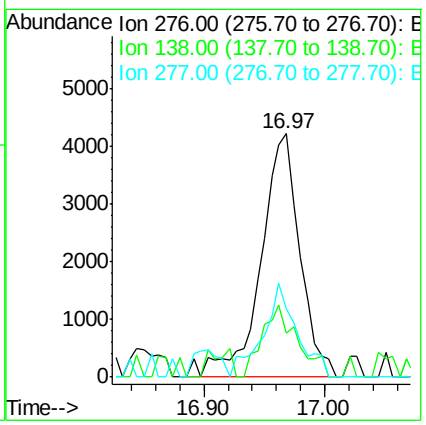


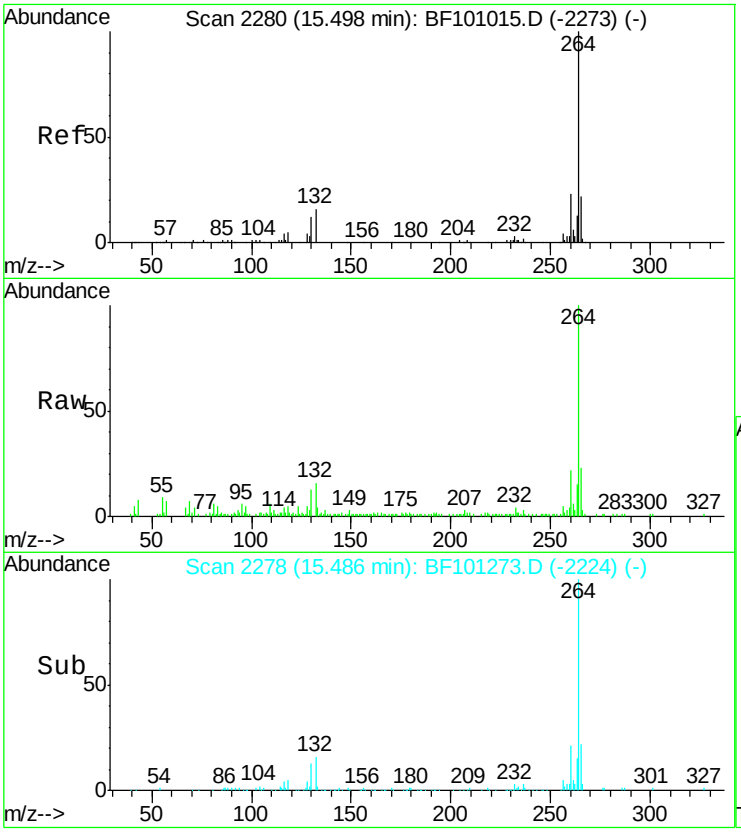


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.139 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.02 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Tgt Ion:276 Resp: 9469

Ion	Ratio	Lower	Upper
276	100		
138	26.8	25.0	37.6
277	33.5	20.1	30.1#



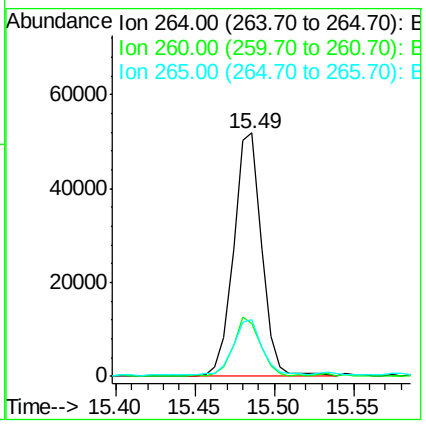


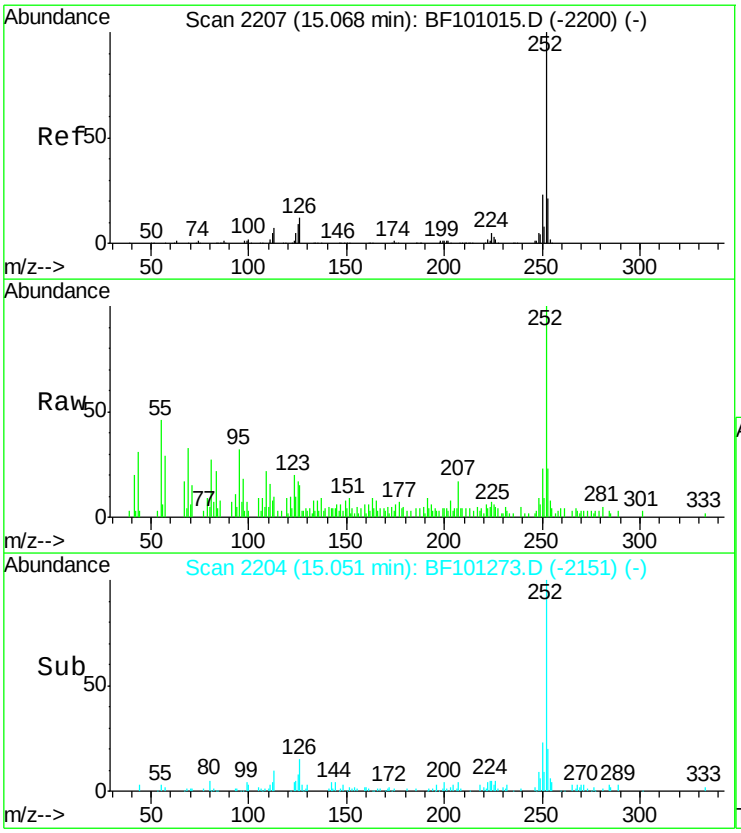
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(4-5)

Tgt Ion:264 Resp: 63424

Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.2	28.8
265	23.1	17.5	26.3

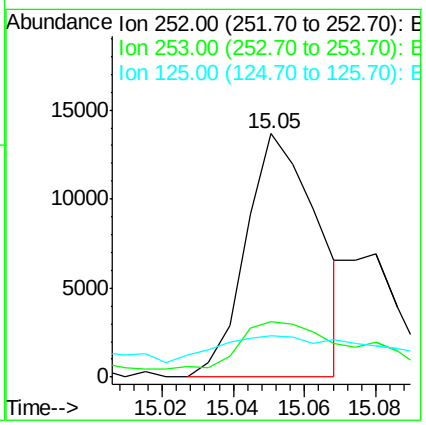


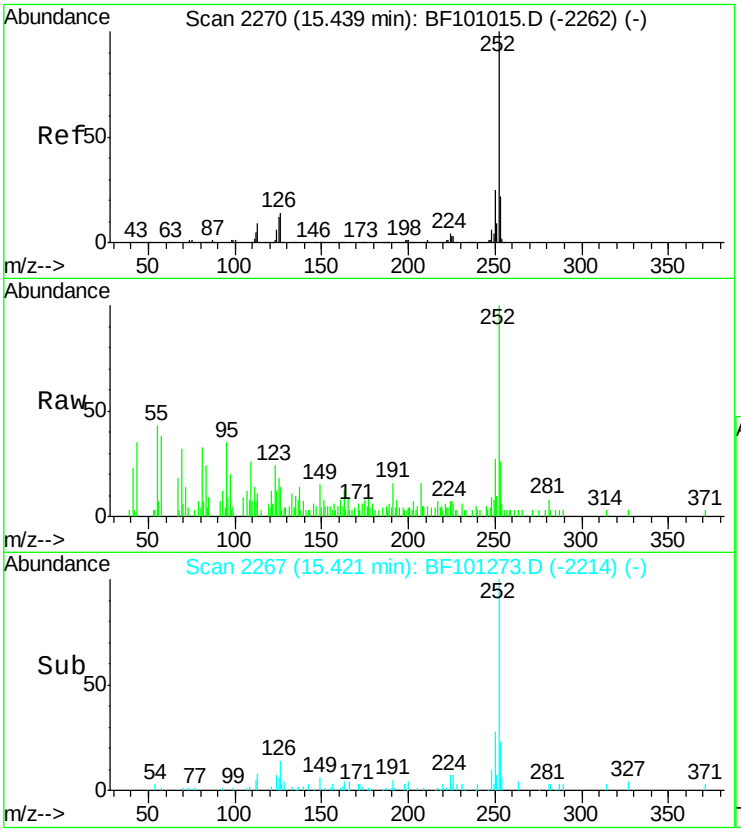


#87
Benzo(b)fluoranthene
Concen: 5.047 ng m
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Tgt Ion:252 Resp: 19173

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	16.7	9.0	13.6#



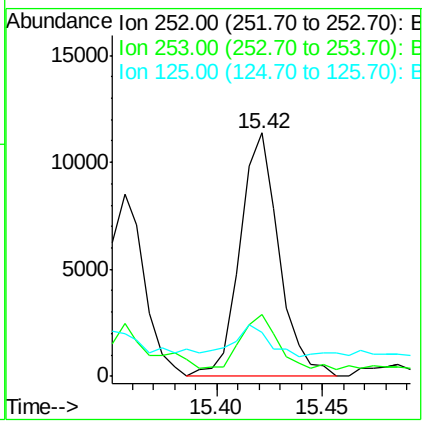


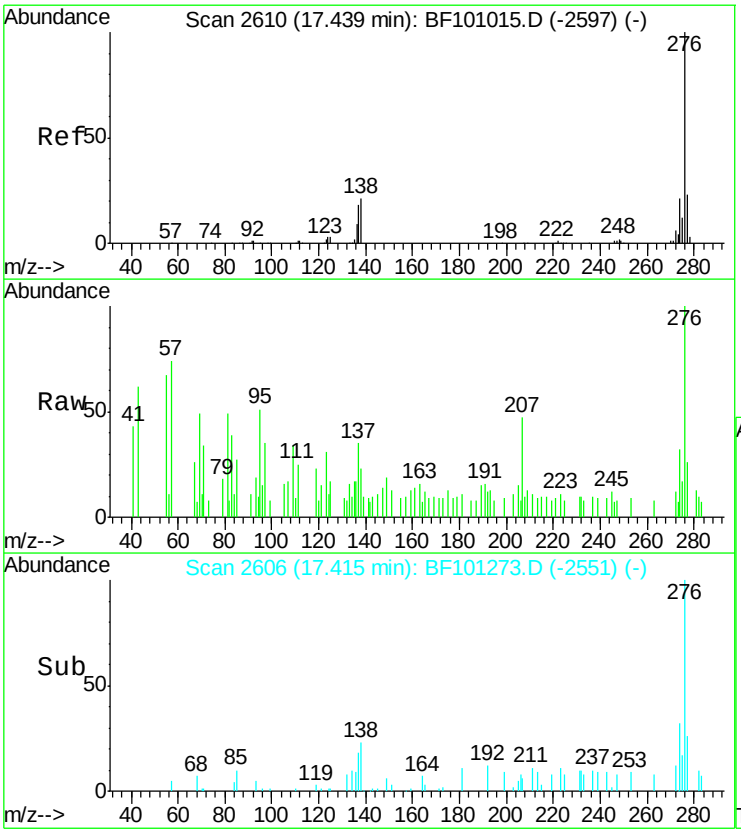
#89
Benzo(a)pyrene
Concen: 4.230 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(4-5)

Tgt Ion:252 Resp: 14609

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.1	25.7
125	17.9	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.388 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.02 min
Lab File: BF101273.D
Acq: 9 Dec 2017 9:45

Tgt Ion:276 Resp: 9722

Ion	Ratio	Lower	Upper
276	100		
277	25.5	17.9	26.9
138	23.1	21.8	32.8