Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101253.D
Acq On : 8 Dec 2017 23:07
Operator : SJ/JU
Sample : I6717-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB-3(0-10)

Quant Time: Dec 11 06:00:43 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	46934	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	178226	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	75536	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	132094	20.00	ng		0.00
75) Chrysene-d12	14.00	240	102379	20.00	ng		0.00
86) Perylene-d12	15.48	264	88541	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	312356	109.97	ng		0.01
7) Phenol-d6	6.47	99	376626	109.22	ng		0.00
23) Nitrobenzene-d5	7.39	82	218721	73.21	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	84361	92.97	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	459296	83.19	ng		0.00
78) Terphenyl-d14	12.95	244	367386	78.49	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.47	94	9055	2.362	ng	#	50
49) Dimethylphthalate	9.58	163	55277	9.074	ng	#	99
70) Phenanthrene	11.38	178	51050	7.018	ng		96
74) Fluoranthene	12.57	202	68109	8.447	ng		96
77) Pyrene	12.80	202	61160	8.657	ng		98
80) Benzo(a)anthracene	13.99	228	29314	4.535	ng		99
82) Chrysene	14.03	228	26461	4.408	ng		99
85) Indeno(1,2,3-cd)pyrene	16.96	276	11780	2.207	ng	#	85
87) Benzo(b)fluoranthene	15.05	252	30147m	5.685	ng		
89) Benzo(a)pyrene	15.42	252	20901	4.335	ng	#	94
91) Benzo(g,h,i)perylene	17.40	276	11117	2.775	ng		94

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101253.D
Acq On : 8 Dec 2017 23:07
Operator : SJ/JU
Sample : I6717-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB-3(0-10)

Quant Time: Dec 11 06:00:43 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
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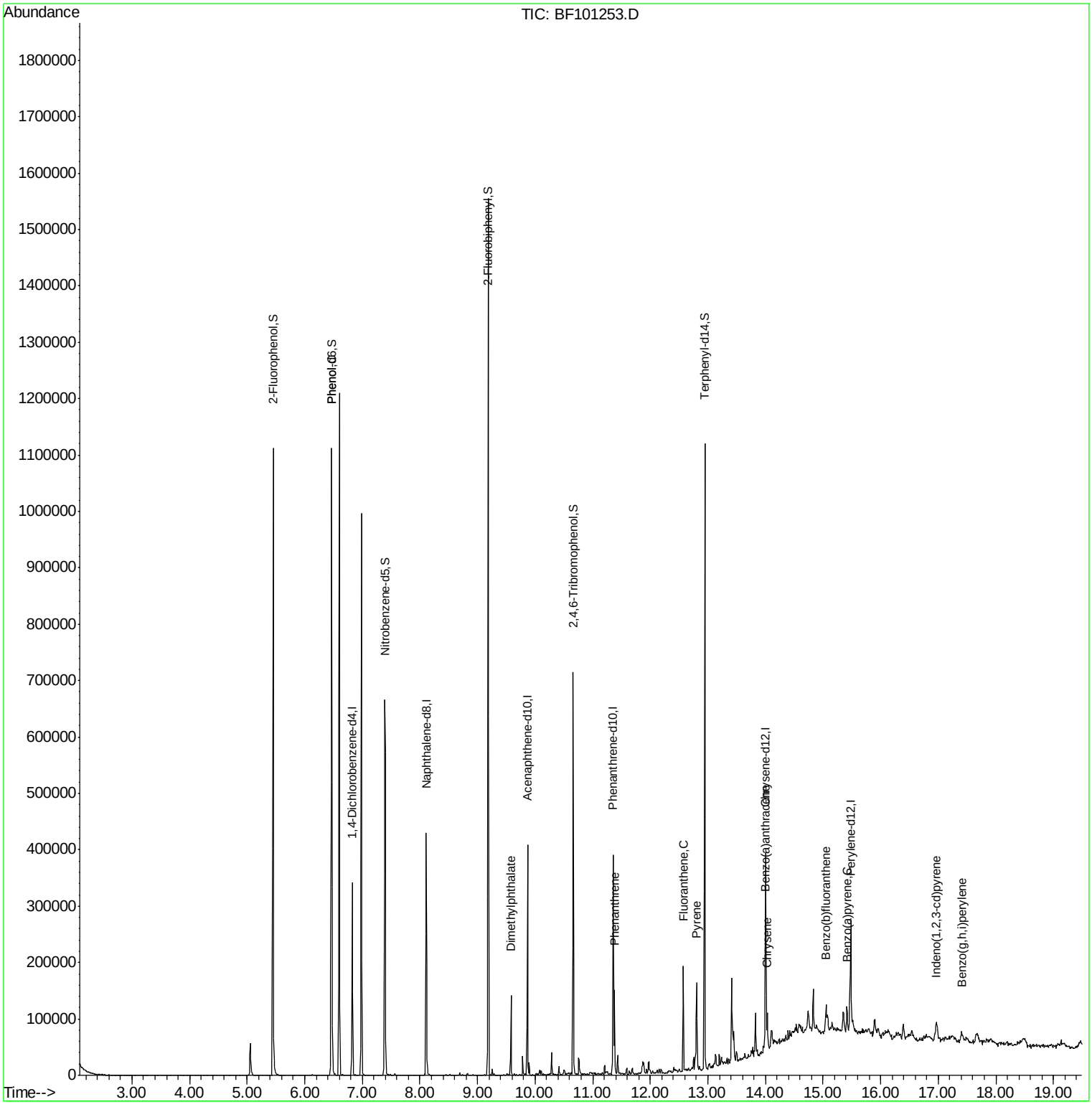
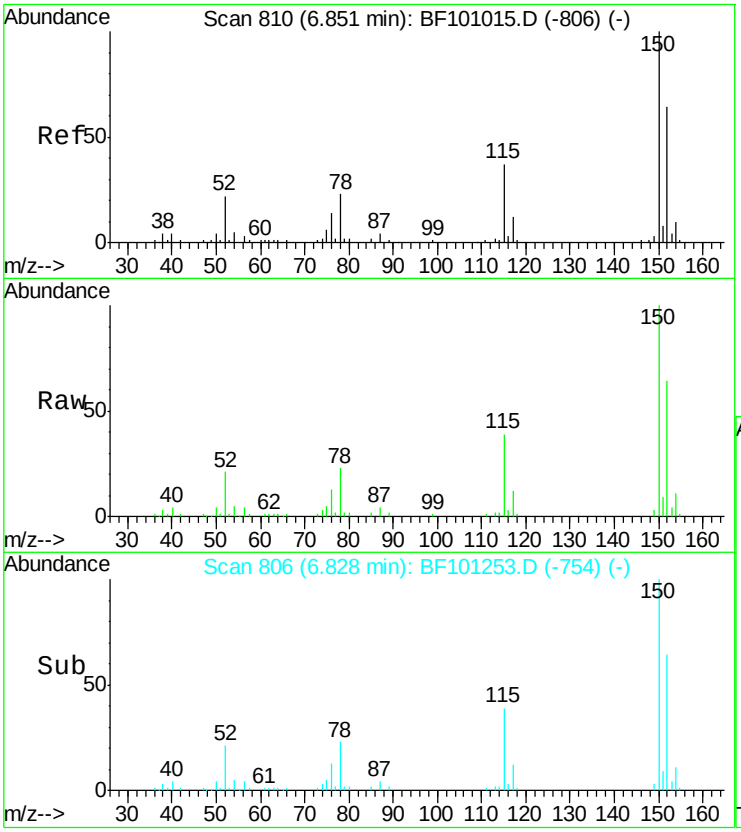


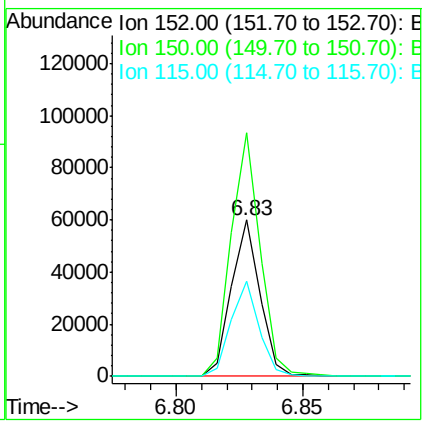


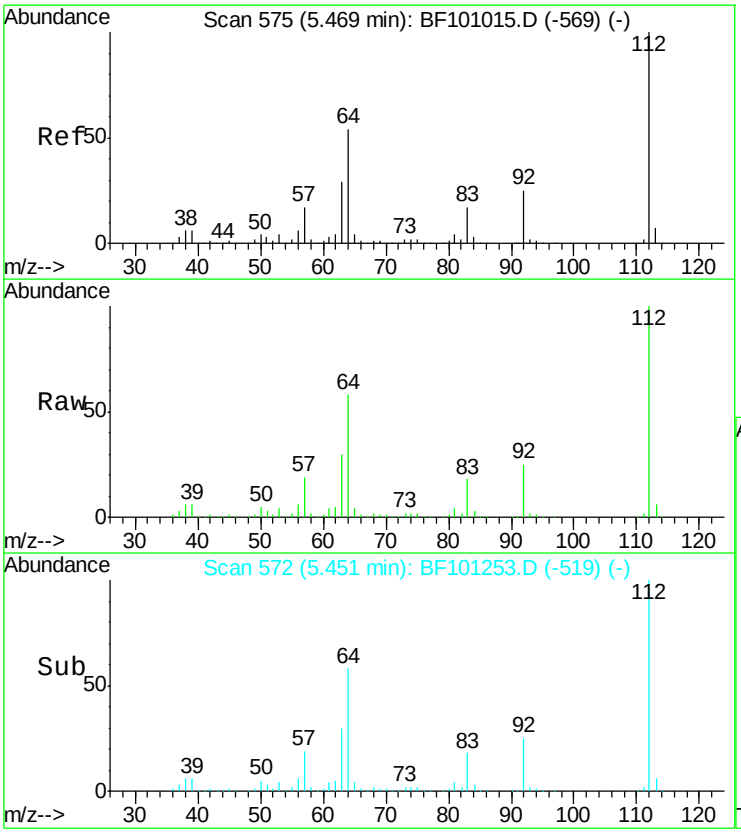
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101253.D
Acq: 8 Dec 2017 23:07

Instrument :
BNA_F
ClientSampleId :
PB-3(0-10)

Tgt Ion:152 Resp: 46934

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	60.7	50.1	75.1

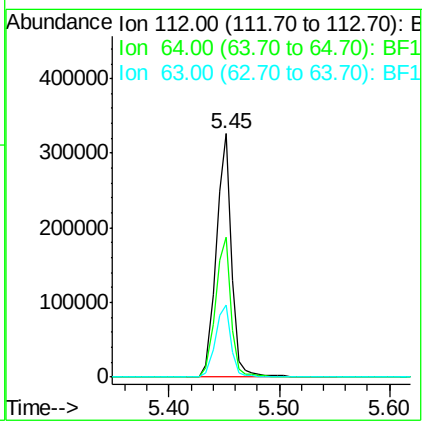


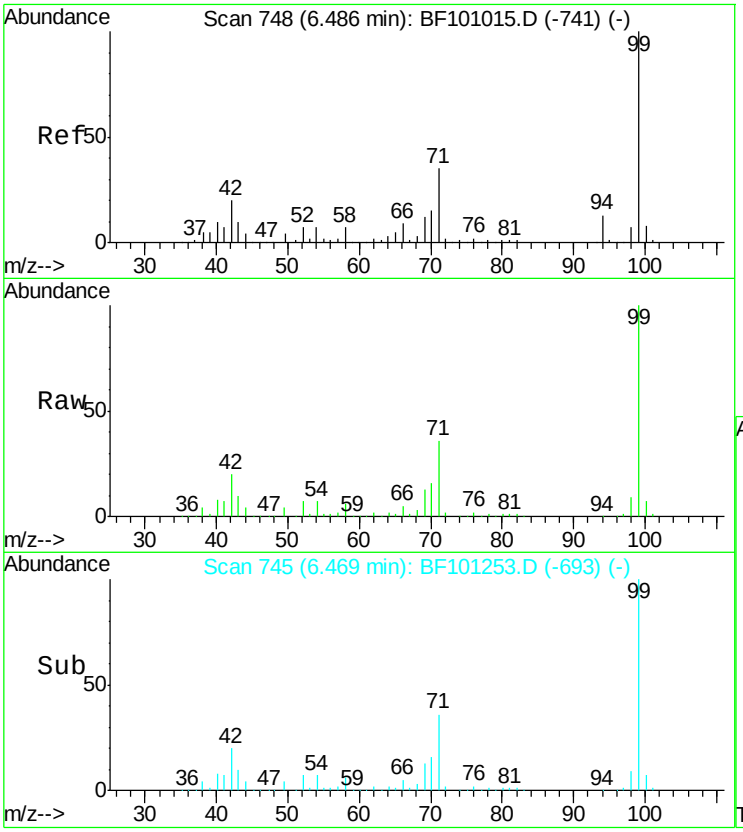


#5
2-Fluorophenol
Concen: 109.974 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF101253.D
Acq: 8 Dec 2017 23:07

Tgt Ion:112 Resp: 312356

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	29.5	23.7	35.5



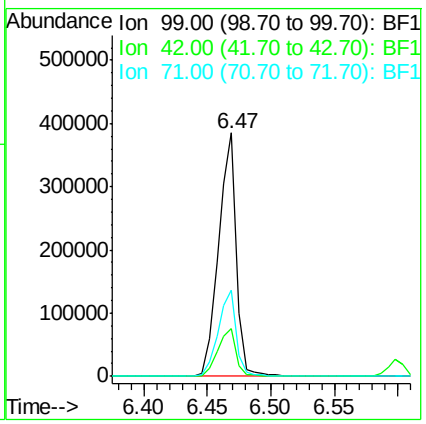


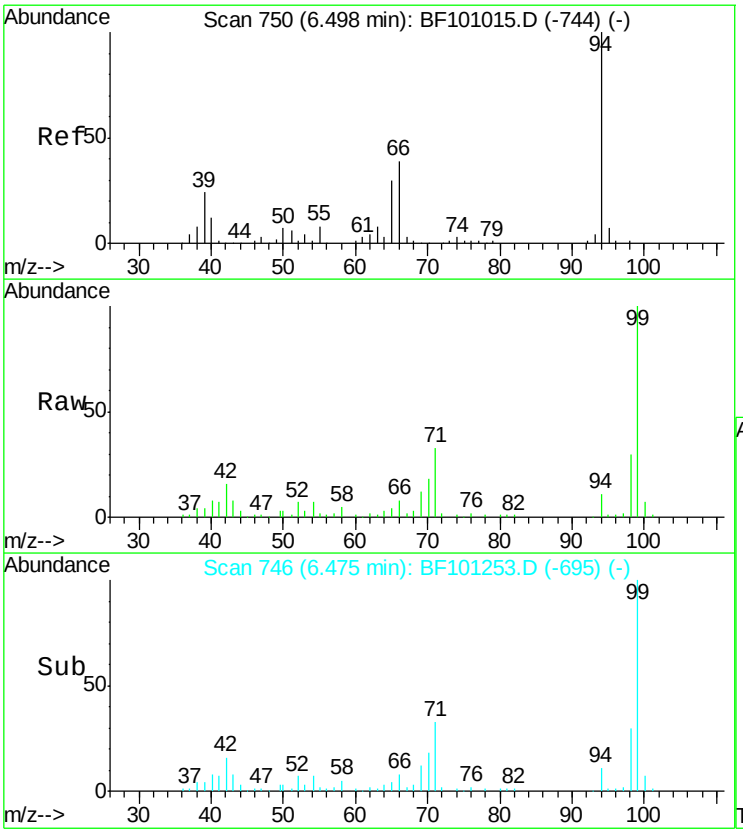
#7
Phenol-d6
Concen: 109.218 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF101253.D
Acq: 8 Dec 2017 23:07

Instrument :
BNA_F
ClientSampleId :
PB-3(0-10)

Tgt Ion: 99 Resp: 376626

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	35.7	25.4	38.0

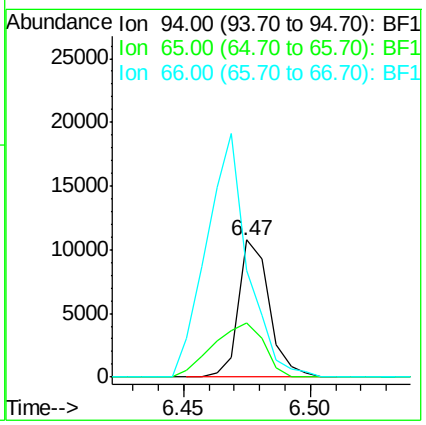


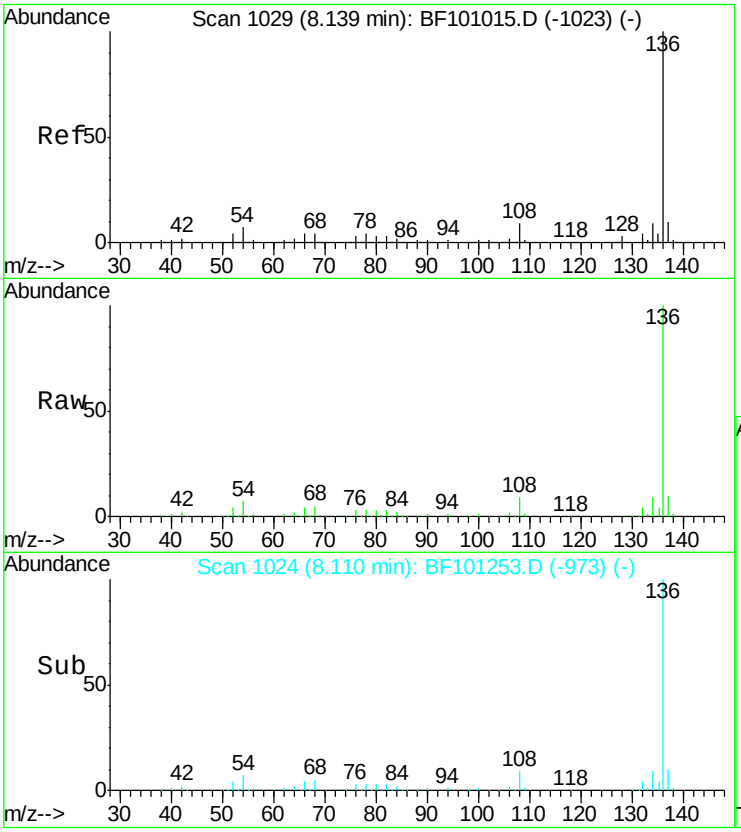


#10
Phenol
Concen: 2.362 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF101253.D
Acq: 8 Dec 2017 23:07

Tgt Ion: 94 Resp: 9055

Ion	Ratio	Lower	Upper
94	100		
65	40.0	7.9	47.9
66	78.1	16.2	56.2#



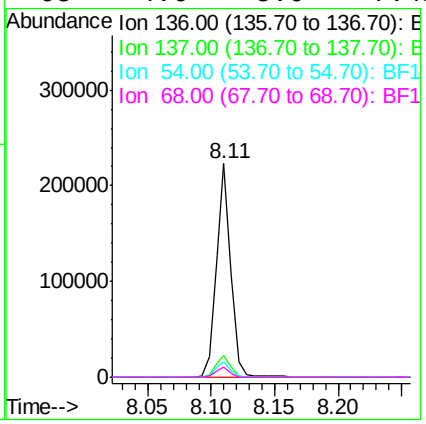


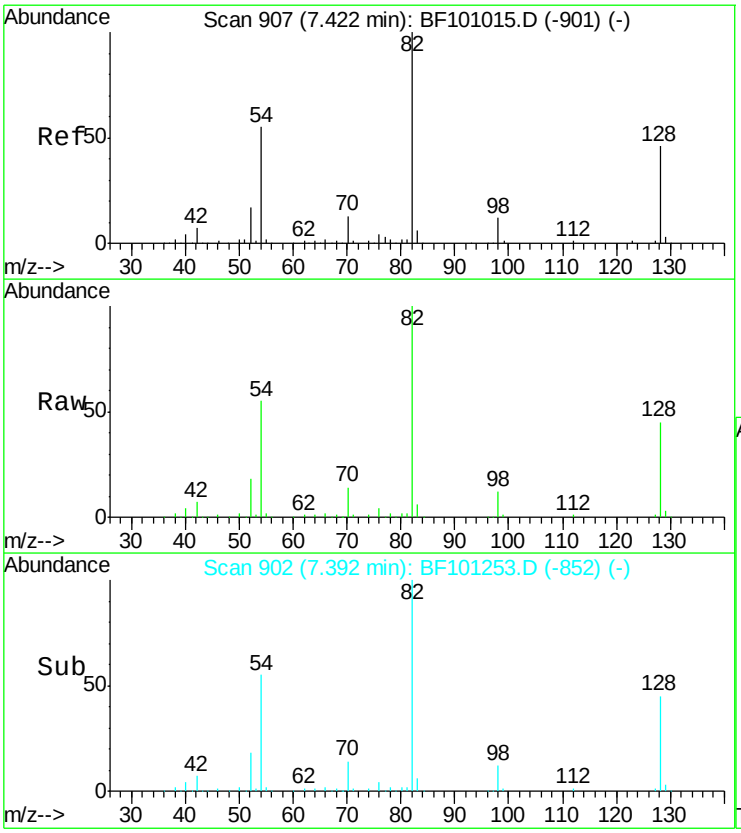
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101253.D
Acq: 8 Dec 2017 23:07

Instrument :
BNA_F
ClientSampleId :
PB-3(0-10)

Tgt Ion:136 Resp: 178226

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.5	6.6	9.8
68	4.6	5.0	7.4#

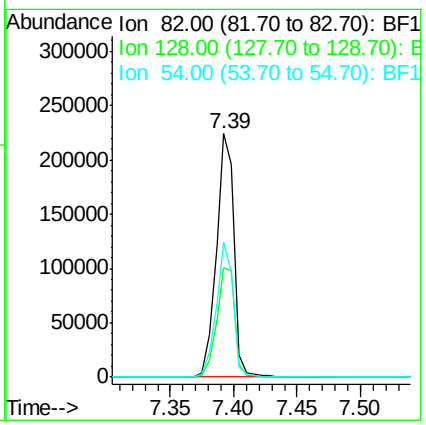


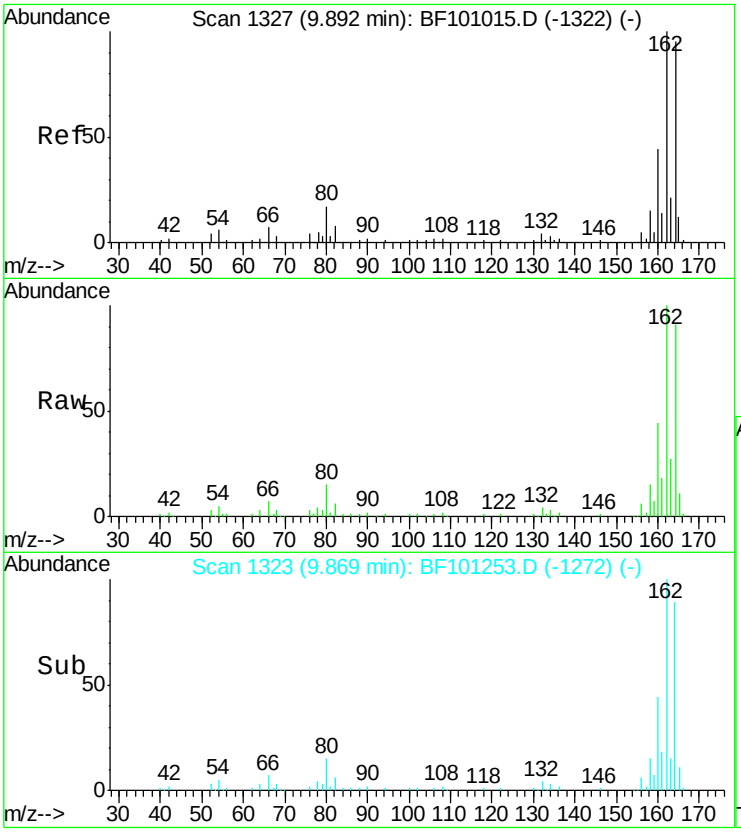


#23
Nitrobenzene-d5
Concen: 73.207 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101253.D
Acq: 8 Dec 2017 23:07

Tgt Ion: 82 Resp: 218721

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	55.3	41.4	62.2



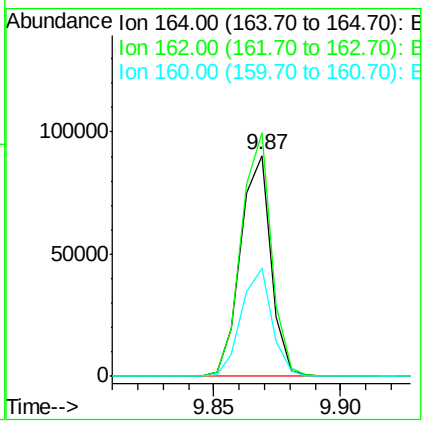


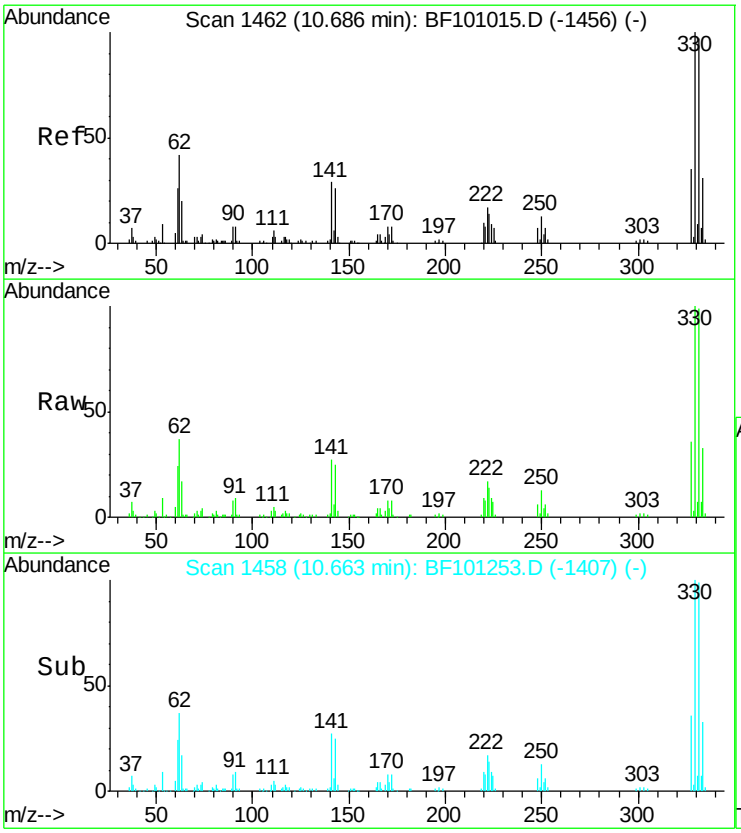
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF101253.D
Acq: 8 Dec 2017 23:07

Instrument :
BNA_F
ClientSampleId :
PB-3(0-10)

Tgt Ion:164 Resp: 75536

Ion	Ratio	Lower	Upper
164	100		
162	110.1	86.1	129.1
160	48.7	38.3	57.5

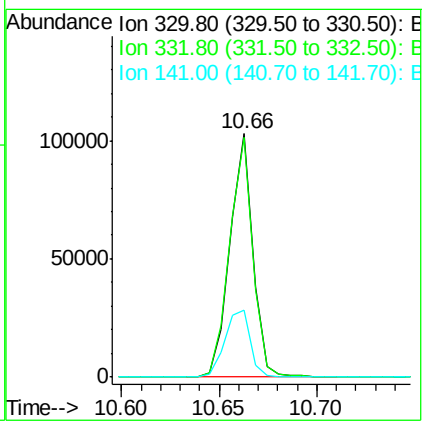


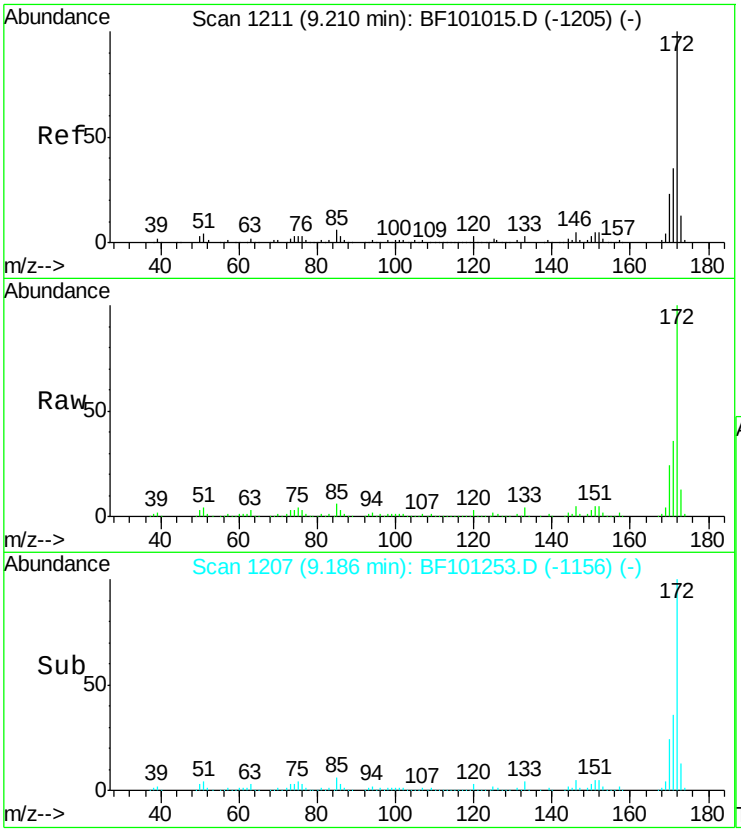


#41
2,4,6-Tribromophenol
Concen: 92.970 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BF101253.D
Acq: 8 Dec 2017 23:07

Tgt Ion:330 Resp: 84361

Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.0	115.6
141	30.2	29.9	44.9



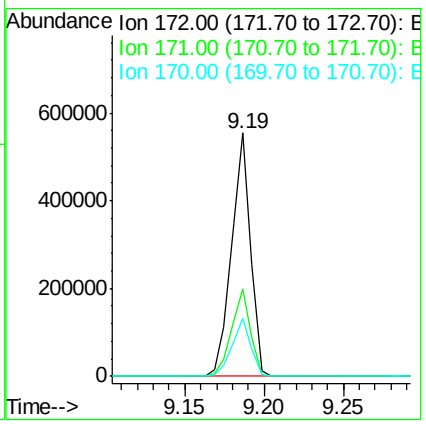


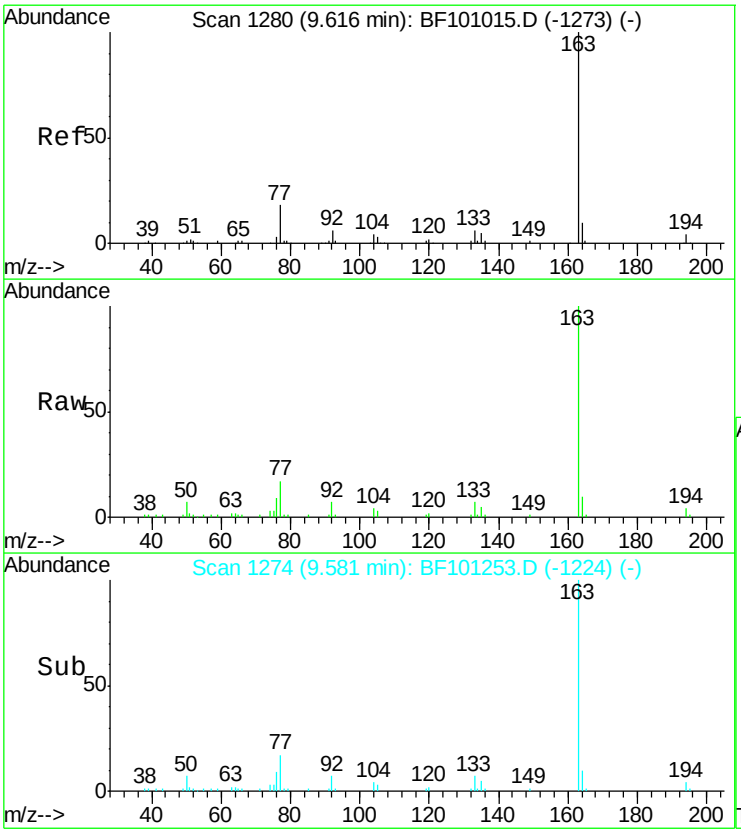
#44
2-Fluorobiphenyl
Concen: 83.193 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF101253.D
Acq: 8 Dec 2017 23:07

Instrument :
BNA_F
ClientSampleId :
PB-3(0-10)

Tgt Ion:172 Resp: 459296

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4

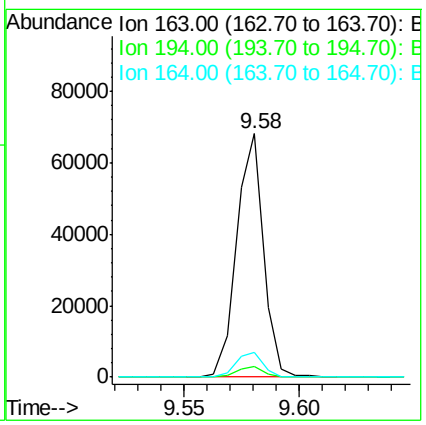


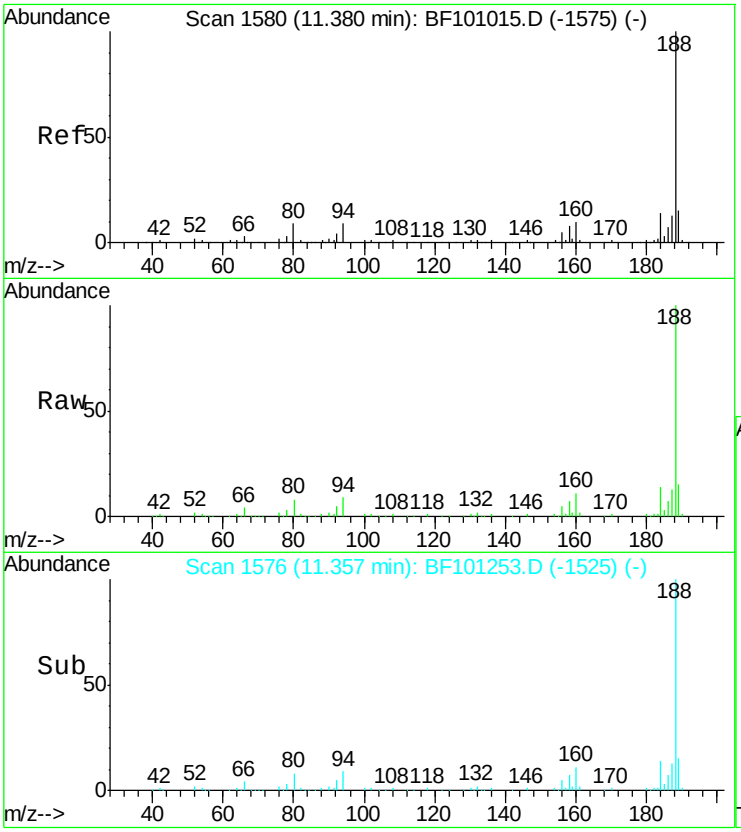


#49
Dimethylphthalate
Concen: 9.074 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101253.D
Acq: 8 Dec 2017 23:07

Tgt Ion:163 Resp: 55277

Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	10.4	8.2	12.2



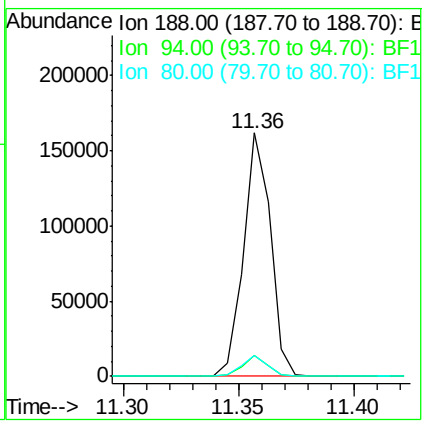


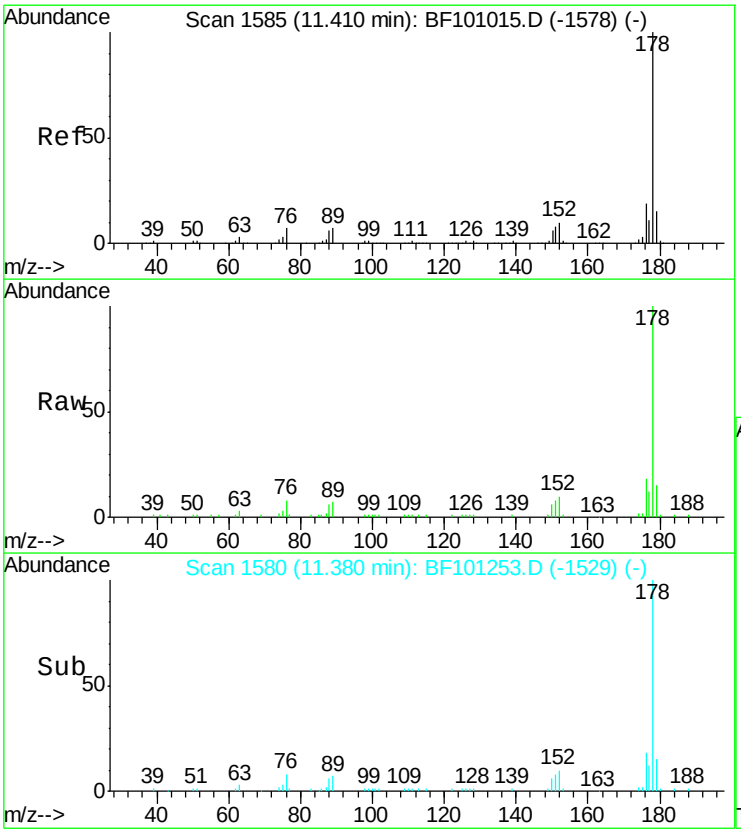
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF101253.D
Acq: 8 Dec 2017 23:07

Instrument :
BNA_F
ClientSampleId :
PB-3(0-10)

Tgt Ion:188 Resp: 132094

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	8.5	9.2	13.8#

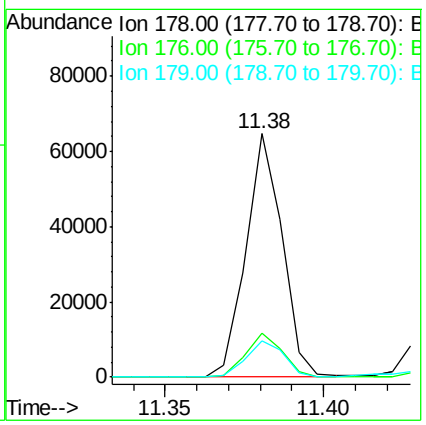


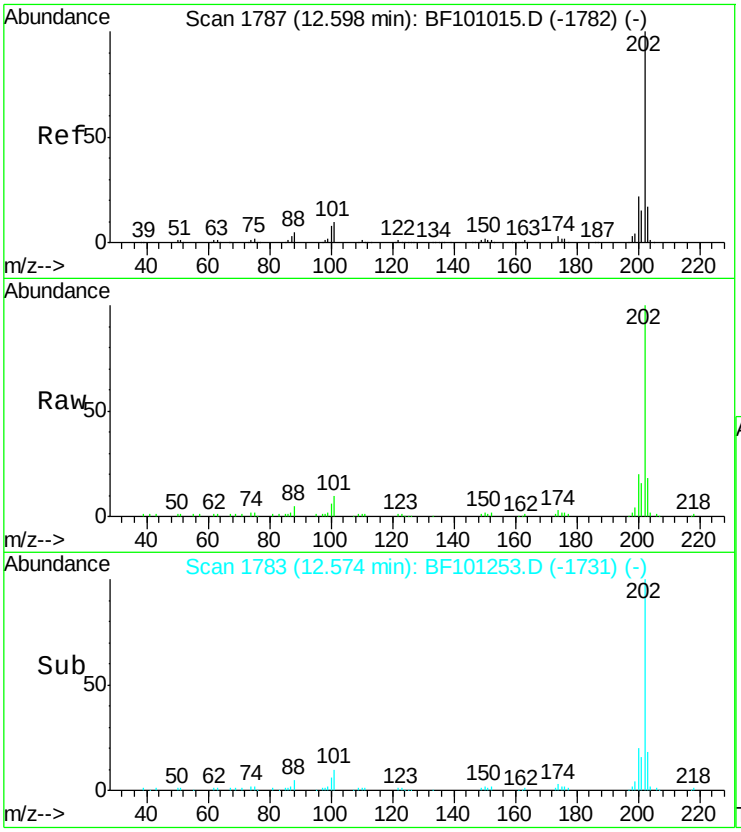


#70
Phenanthrene
Concen: 7.018 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF101253.D
Acq: 8 Dec 2017 23:07

Tgt Ion:178 Resp: 51050

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.8	23.8
179	15.0	13.0	19.6



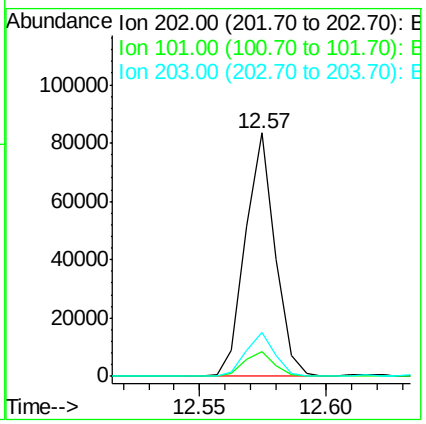


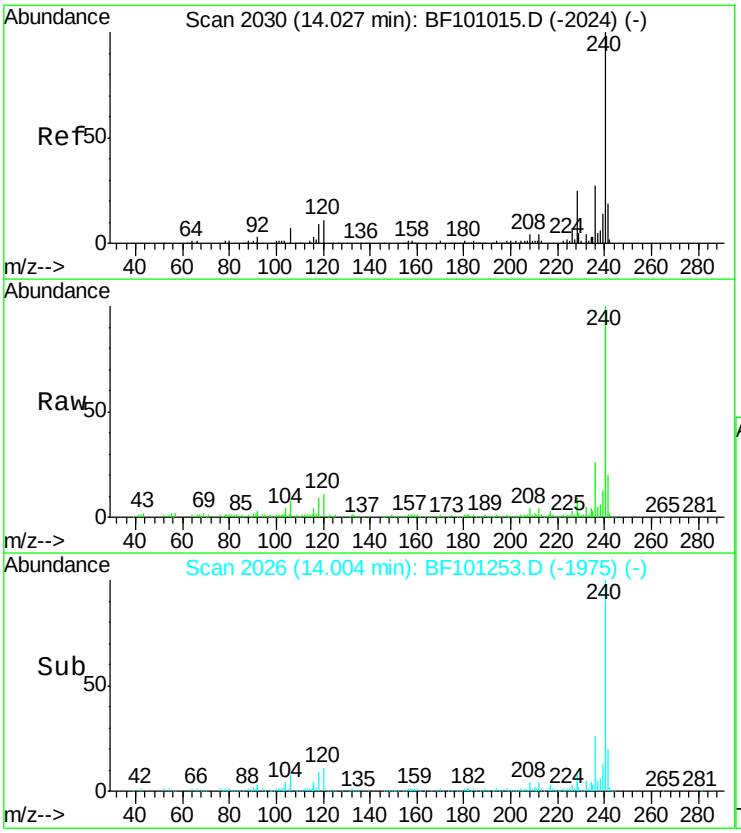
#74
Fluoranthene
Concen: 8.447 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF101253.D
Acq: 8 Dec 2017 23:07

Instrument :
BNA_F
ClientSampleId :
PB-3(0-10)

Tgt Ion:202 Resp: 68109

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	34.1
203	18.0	0.0	38.1

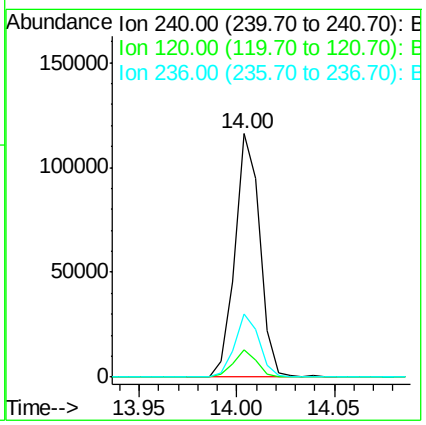


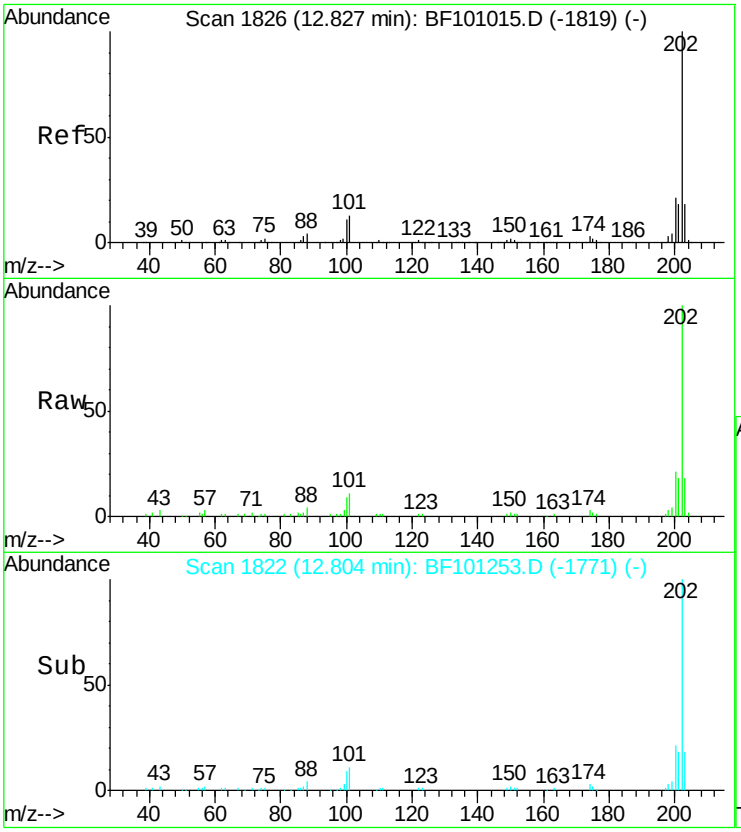


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF101253.D
Acq: 8 Dec 2017 23:07

Tgt Ion:240 Resp: 102379

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	25.8	20.7	31.1



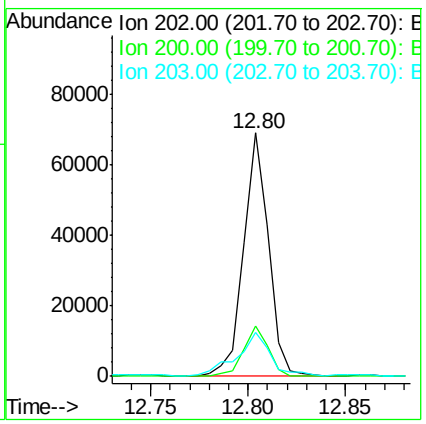


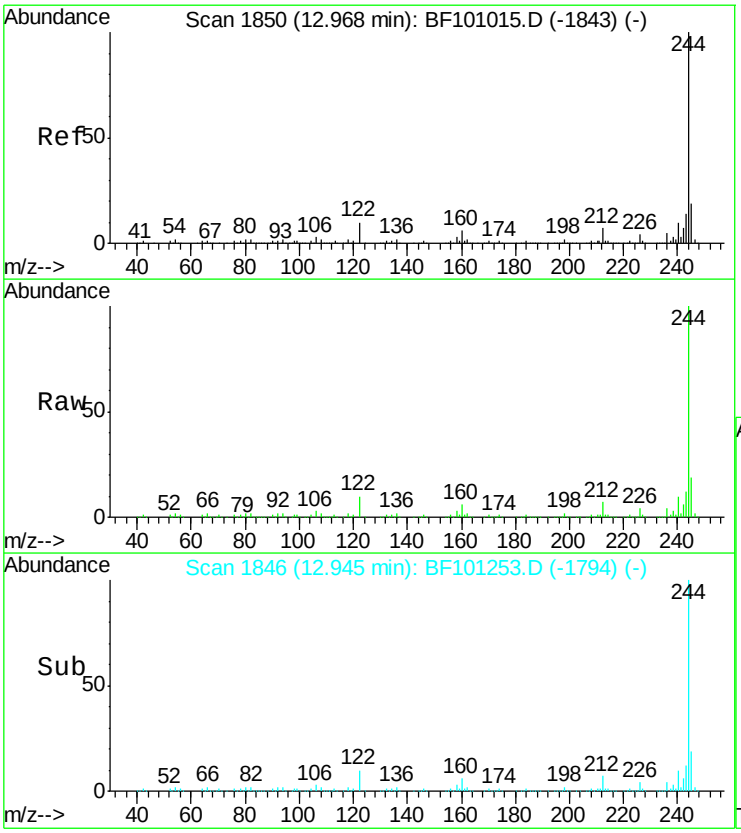
#77
Pyrene
Concen: 8.657 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF101253.D
Acq: 8 Dec 2017 23:07

Instrument :
BNA_F
ClientSampleId :
PB-3(0-10)

Tgt Ion:202 Resp: 61160

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	18.1	14.3	21.5

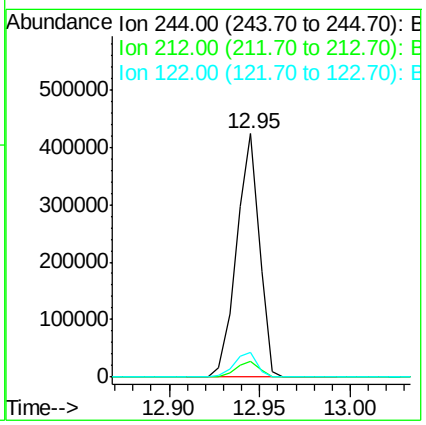


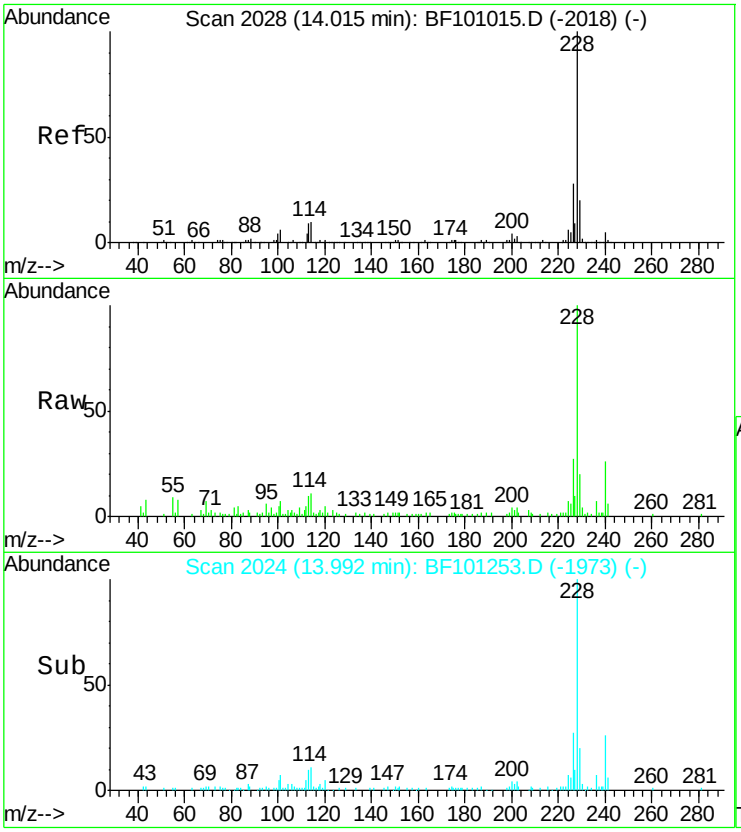


#78
Terphenyl-d14
Concen: 78.490 ng
RT: 12.95 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101253.D
Acq: 8 Dec 2017 23:07

Tgt Ion:244 Resp: 367386

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.2	11.0	16.4#



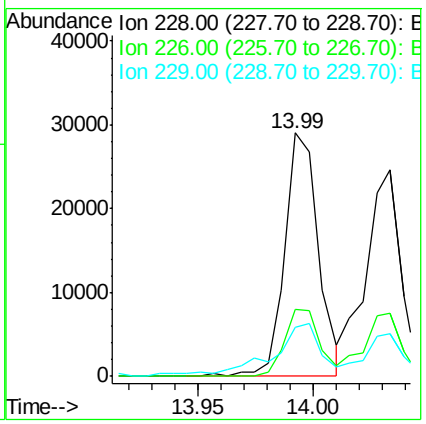


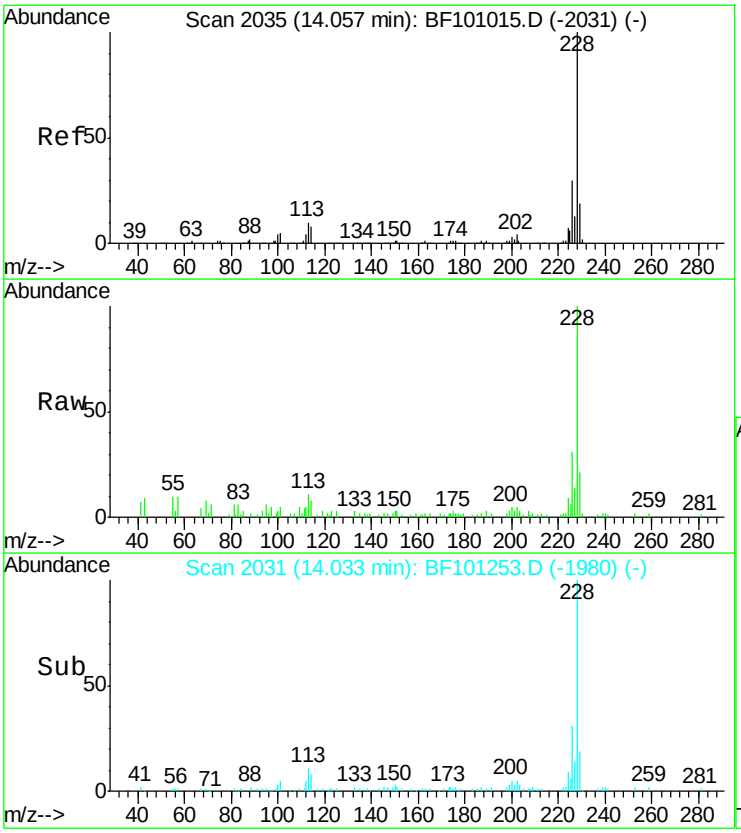
#80
Benzo(a)anthracene
Concen: 4.535 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF101253.D
Acq: 8 Dec 2017 23:07

Instrument :
BNA_F
ClientSampleId :
PB-3(0-10)

Tgt Ion:228 Resp: 29314

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.1	15.8	23.6

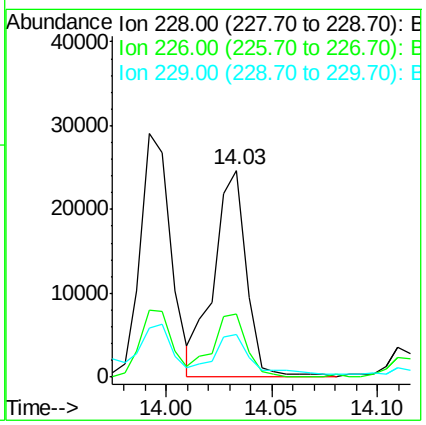


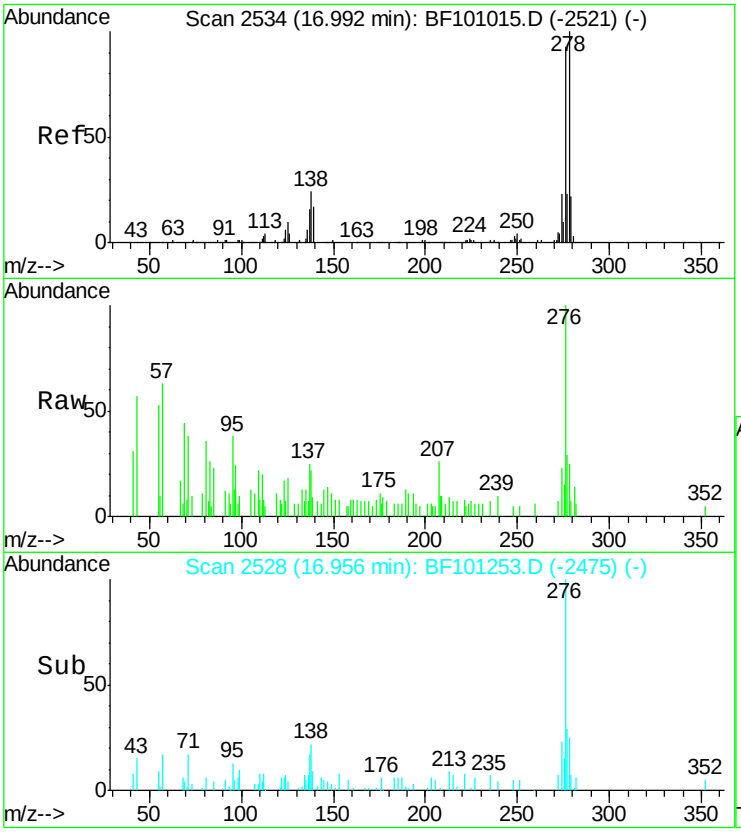


#82
Chrysene
Concen: 4.408 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF101253.D
Acq: 8 Dec 2017 23:07

Tgt Ion:228 Resp: 26461

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.8	16.2	24.4



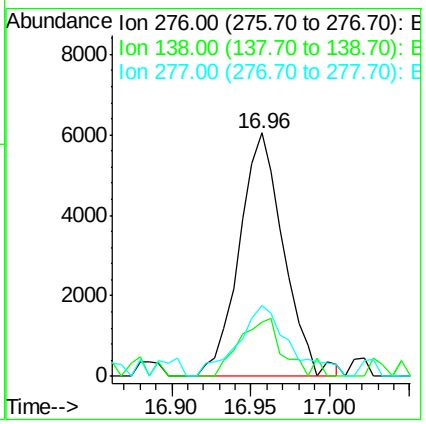


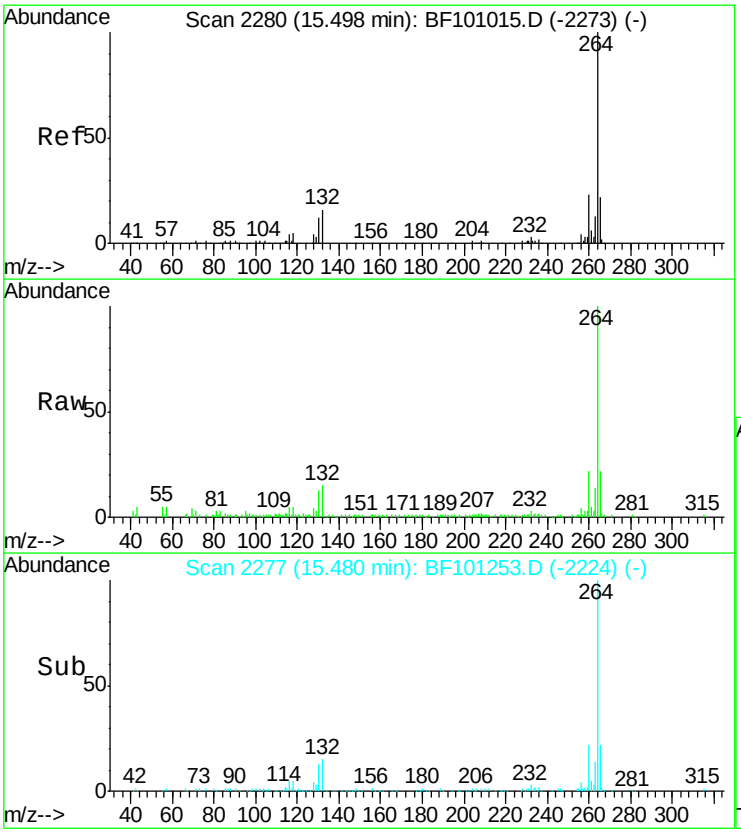
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.207 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF101253.D
Acq: 8 Dec 2017 23:07

Instrument :
BNA_F
ClientSampleId :
PB-3(0-10)

Tgt Ion:276 Resp: 11780

Ion	Ratio	Lower	Upper
276	100		
138	23.8	25.0	37.6#
277	33.7	20.1	30.1#

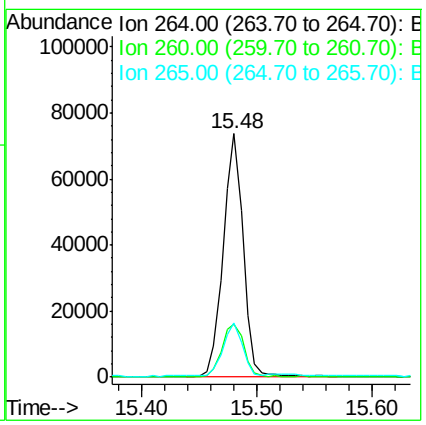


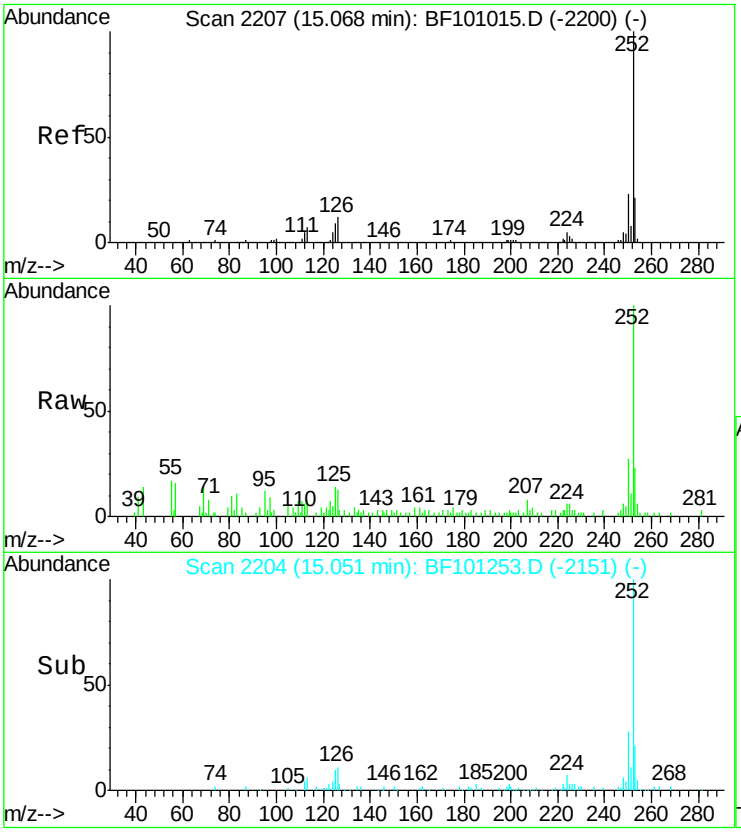


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF101253.D
Acq: 8 Dec 2017 23:07

Tgt Ion:264 Resp: 88541

Ion	Ratio	Lower	Upper
264	100		
260	21.5	19.2	28.8
265	22.2	17.5	26.3



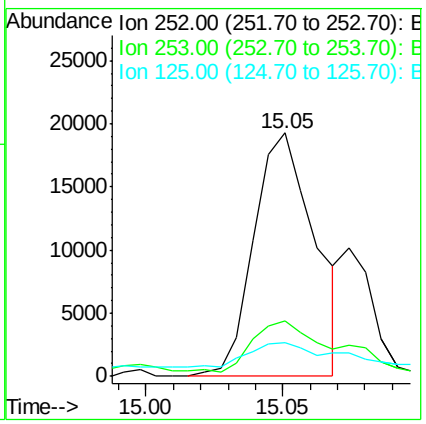


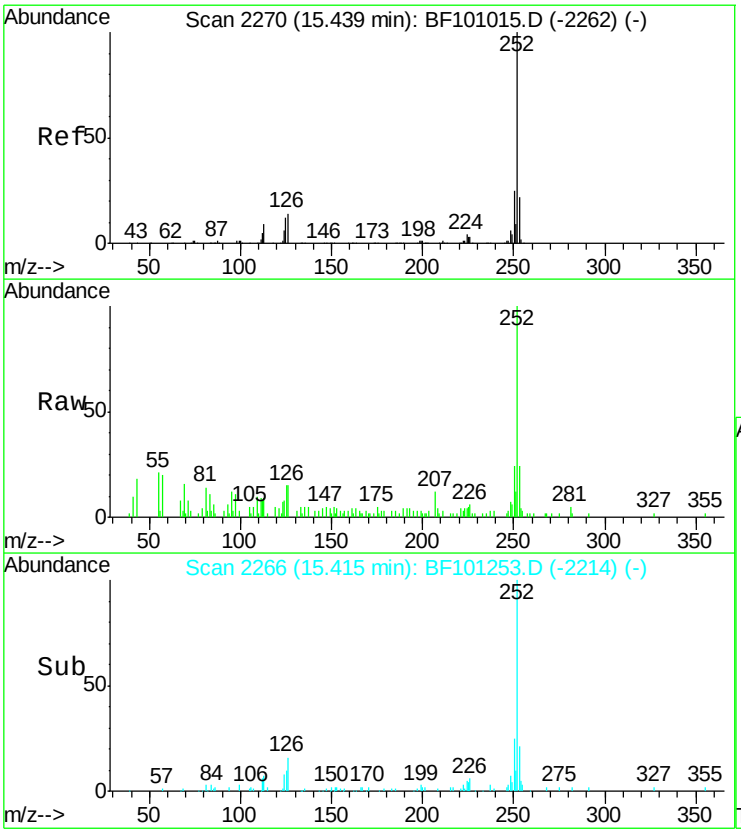
#87
Benzo(b)fluoranthene
Concen: 5.685 ng m
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF101253.D
Acq: 8 Dec 2017 23:07

Instrument :
BNA_F
ClientSampleId :
PB-3(0-10)

Tgt Ion:252 Resp: 30147

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	13.9	9.0	13.6#

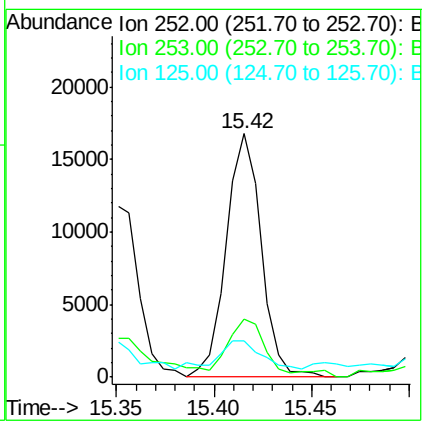


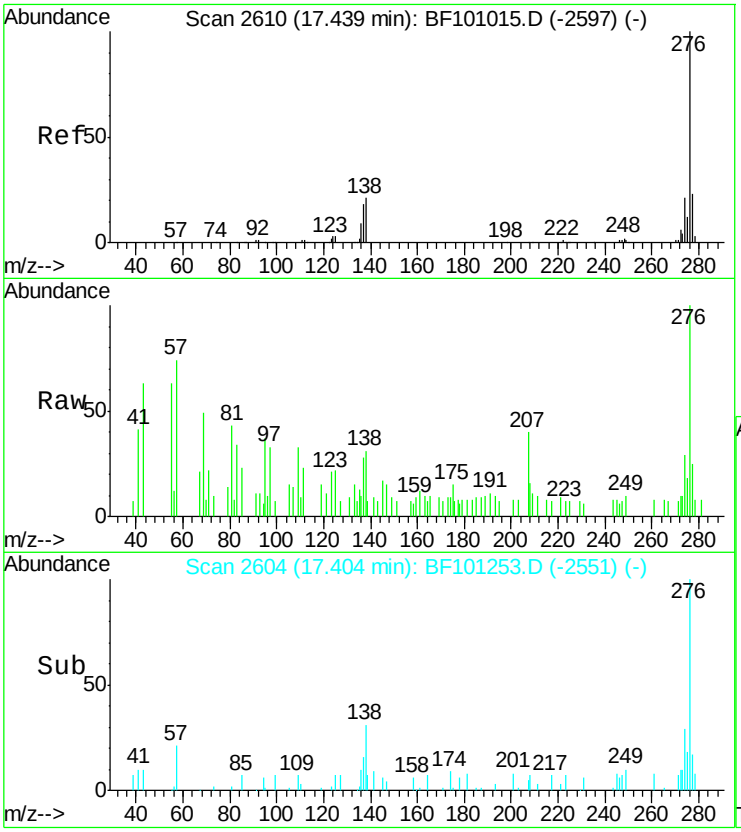


#89
Benzo(a)pyrene
Concen: 4.335 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF101253.D
Acq: 8 Dec 2017 23:07

Tgt Ion:252 Resp: 20901

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	14.8	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.775 ng
RT: 17.40 min Scan# 2604
Delta R.T. 0.01 min
Lab File: BF101253.D
Acq: 8 Dec 2017 23:07

Instrument :
BNA_F
ClientSampleId :
PB-3(0-10)

Tgt Ion:276 Resp: 11117

Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	30.7	21.8	32.8