Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
Data File : BF101666.D
Acq On : 22 Dec 2017 21:02
Operator : SJ/JU
Sample : I7022-06 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 160

Quant Time: Dec 22 22:37:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	143103	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	574022	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	248738	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	434882	20.00	ng		0.00
75) Chrysene-d12	13.96	240	315270	20.00	ng		0.00
86) Perylene-d12	15.43	264	293427	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	108277	11.27	ng		0.01
7) Phenol-d6	6.44	99	136524	11.42	ng		0.00
23) Nitrobenzene-d5	7.36	82	85083	8.25	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	25627	10.69	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	140197	8.74	ng		0.00
78) Terphenyl-d14	12.89	244	110138	8.42	ng		-0.01
Target Compounds							Qvalue
50) 2,6-Dinitrotoluene	9.82	165	36133	8.886	ng	#	26
53) 2,4-Dinitrophenol	10.03	184	106	10.386	ng	#	1
56) 2,4-Dinitrotoluene	9.82	165	36133	7.887	ng	#	24
70) Phenanthrene	11.34	178	55590	2.299	ng		97
71) Anthracene	11.34	178	55590	2.250	ng		97
74) Fluoranthene	12.53	202	122071	4.809	ng		96
77) Pyrene	12.76	202	121030	5.115	ng		96
80) Benzo(a)anthracene	13.95	228	62394	2.997	ng		97
82) Chrysene	13.99	228	54081	2.751	ng		95
83) Bis(2-ethylhexyl)phthalate	13.92	149	27942	2.061	ng		97
87) Benzo(b)fluoranthene	15.00	252	82626	4.620	ng		98
88) Benzo(k)fluoranthene	15.00	252	82626	4.752	ng		100
89) Benzo(a)pyrene	15.37	252	46554	2.824	ng	#	95

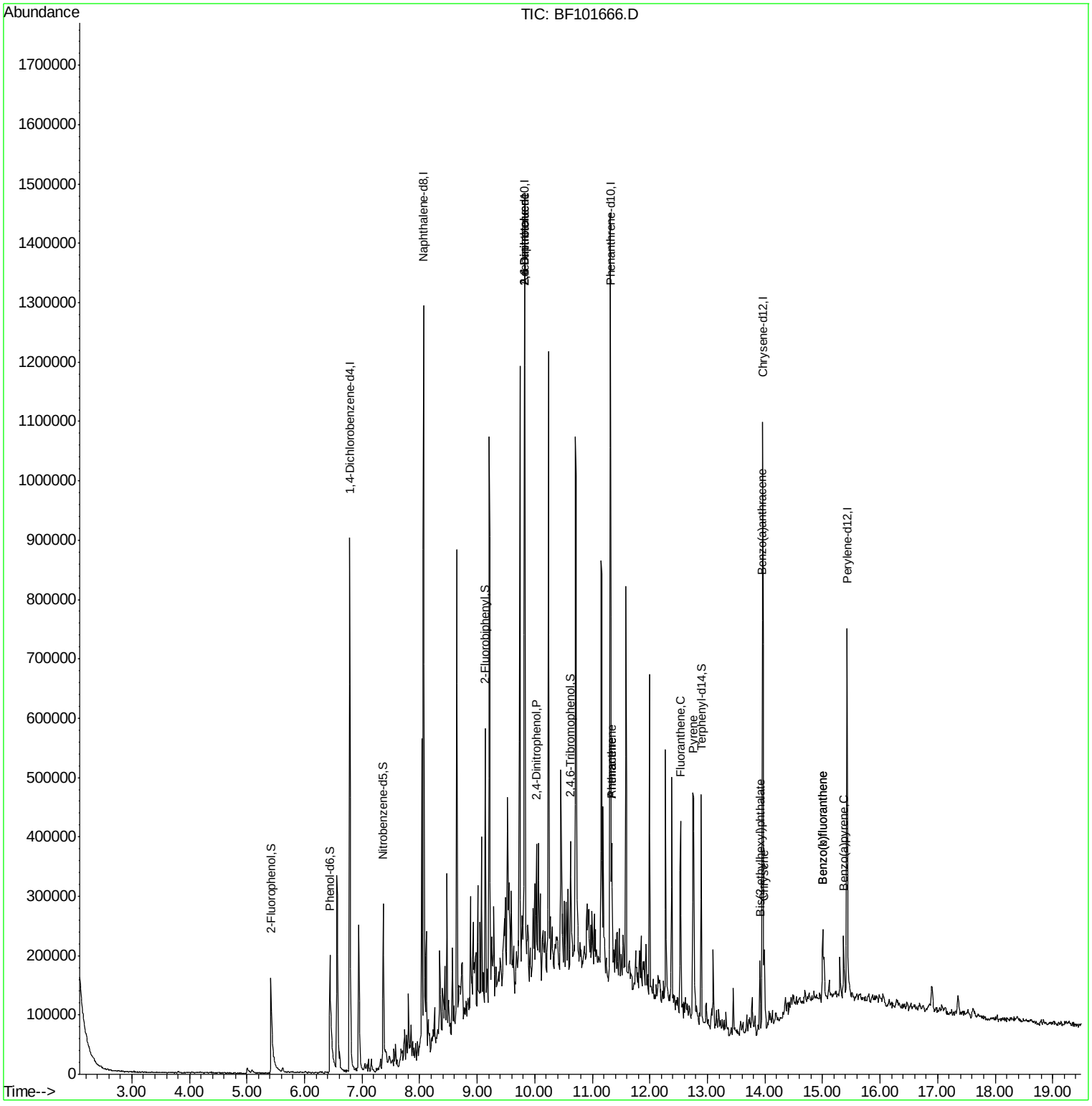
(#) = qualifier out of range (m) = manual integration (+) = signals summed

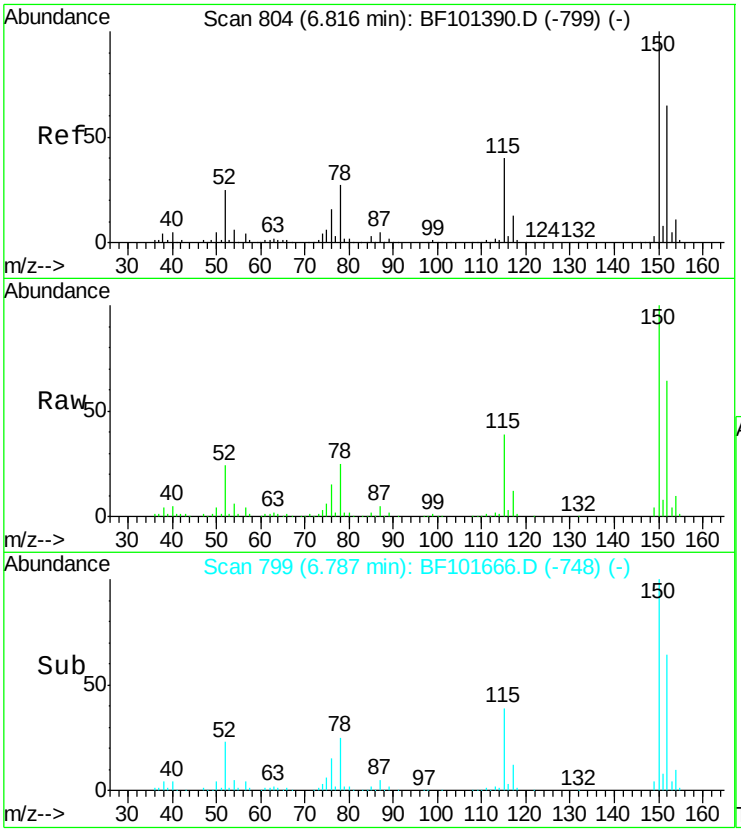
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
Data File : BF101666.D
Acq On : 22 Dec 2017 21:02
Operator : SJ/JU
Sample : I7022-06 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
160

Quant Time: Dec 22 22:37:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration

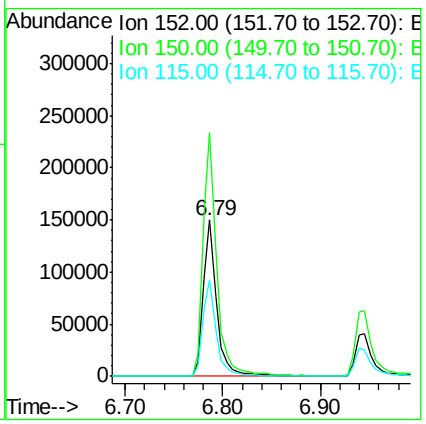




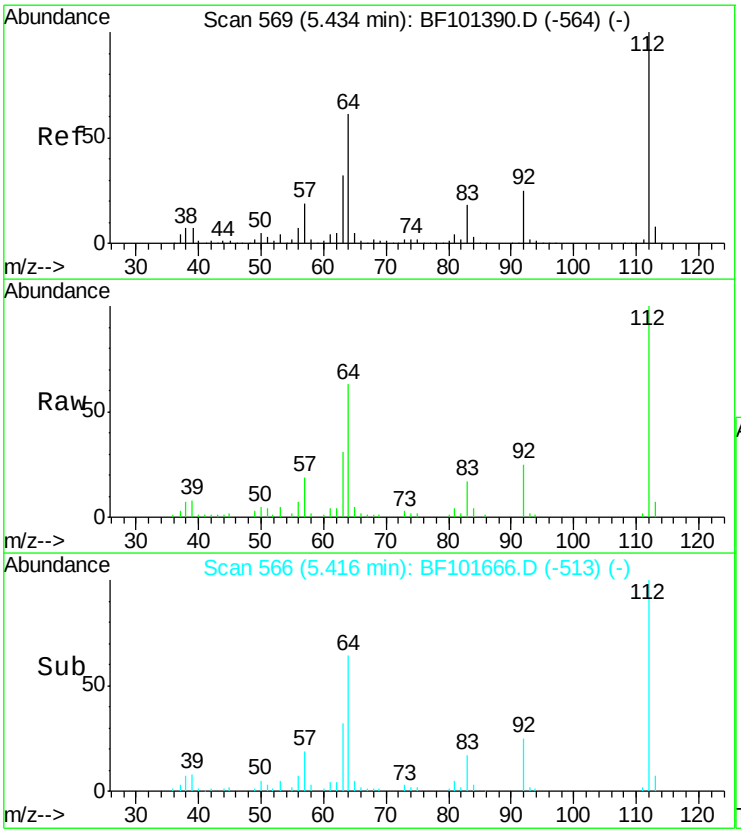
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Tgt Ion:152 Resp: 143103

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	61.5	50.1	75.1



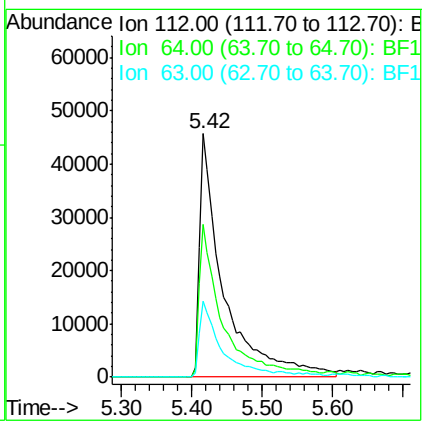
Instrument :
BNA_F
ClientSampleId :
160

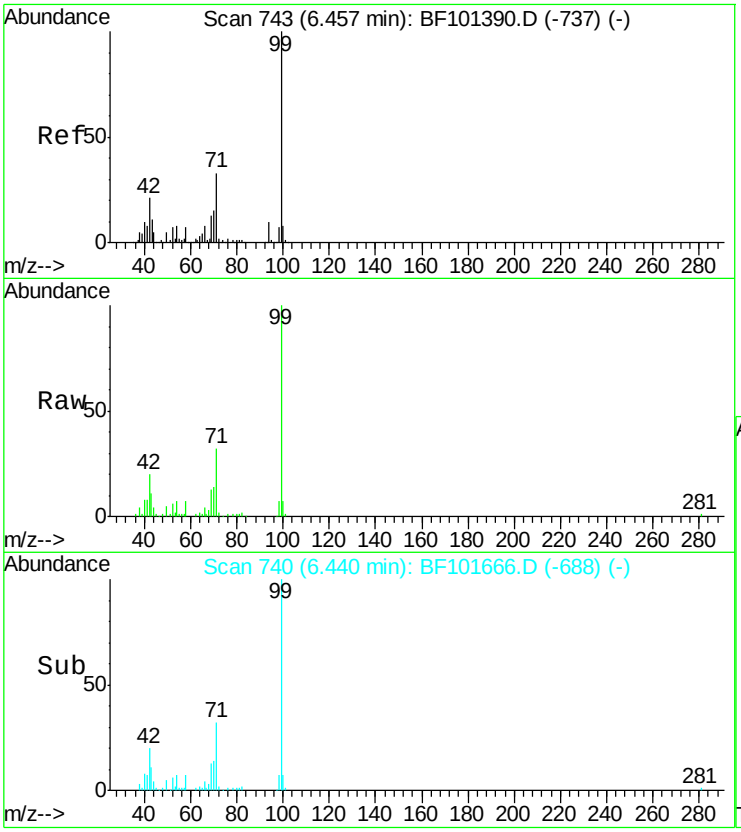


#5
2-Fluorophenol
Concen: 11.271 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Tgt Ion:112 Resp: 108277

Ion	Ratio	Lower	Upper
112	100		
64	63.0	47.9	71.9
63	31.2	23.7	35.5



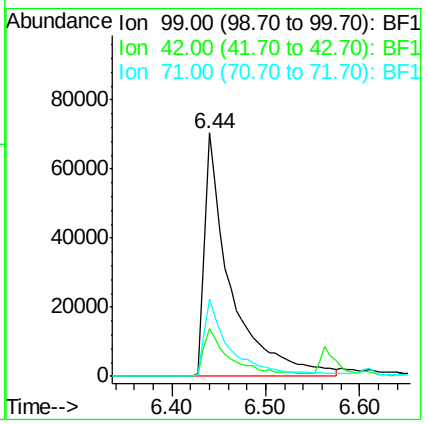


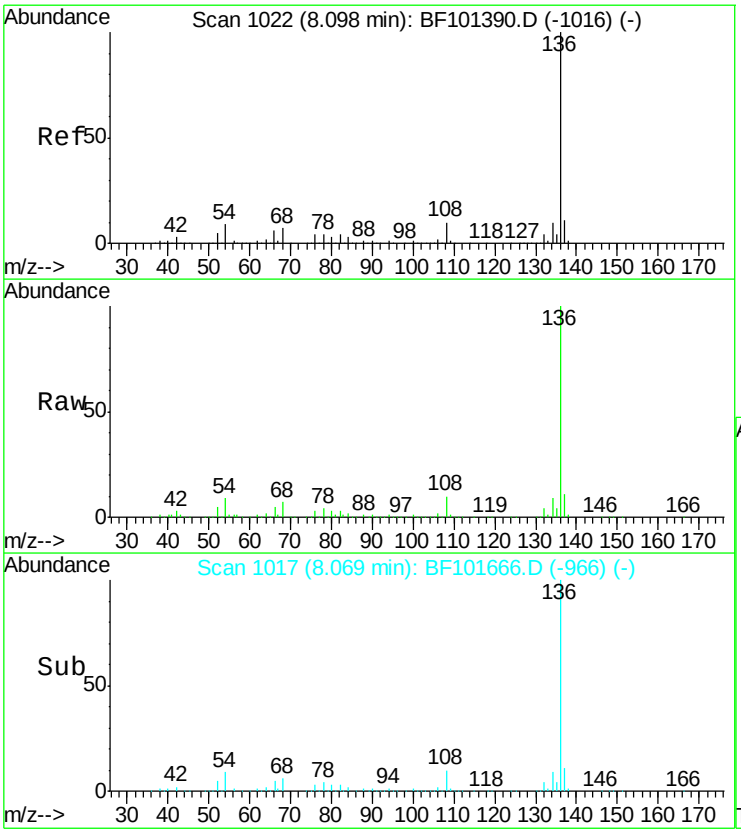
#7
Phenol-d6
Concen: 11.419 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Instrument :
BNA_F
ClientSampleId :
160

Tgt Ion: 99 Resp: 136524

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	31.9	25.4	38.0

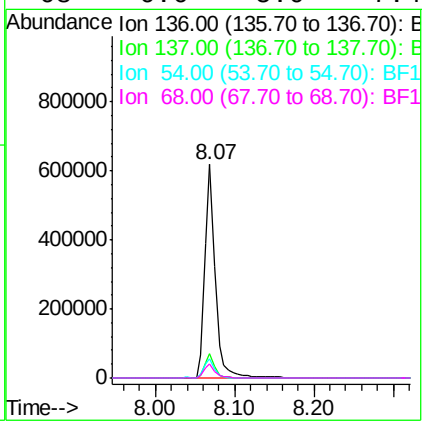


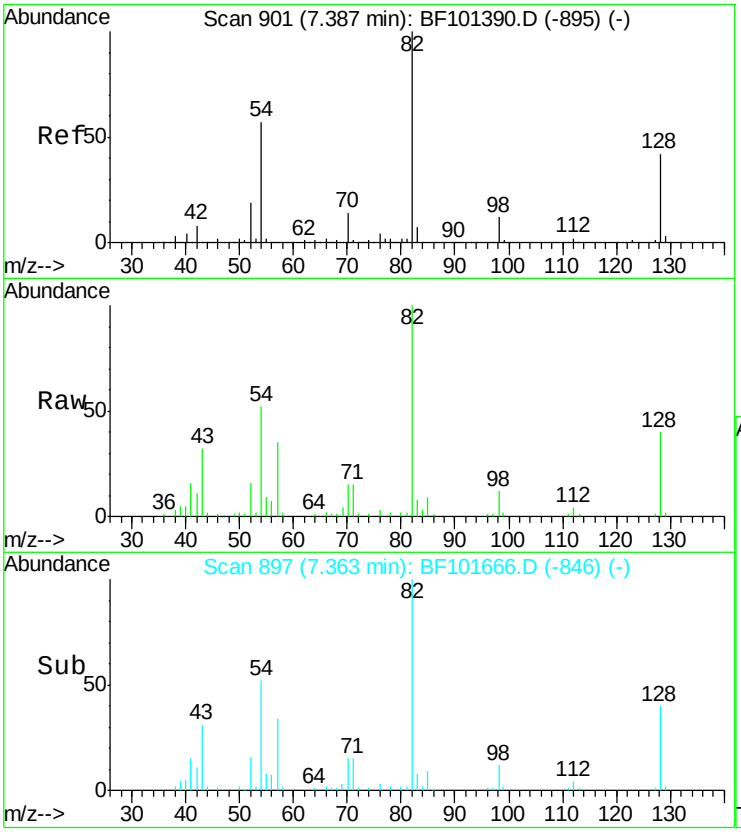


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Tgt Ion:136 Resp: 574022

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.0	6.6	9.8
68	6.6	5.0	7.4



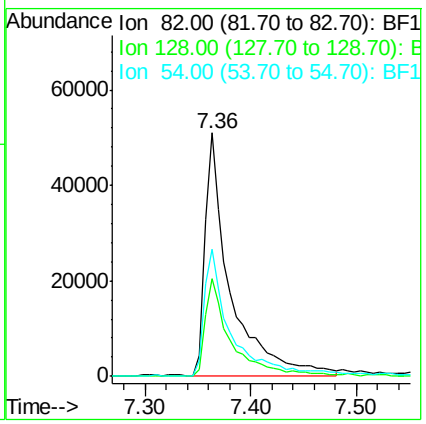


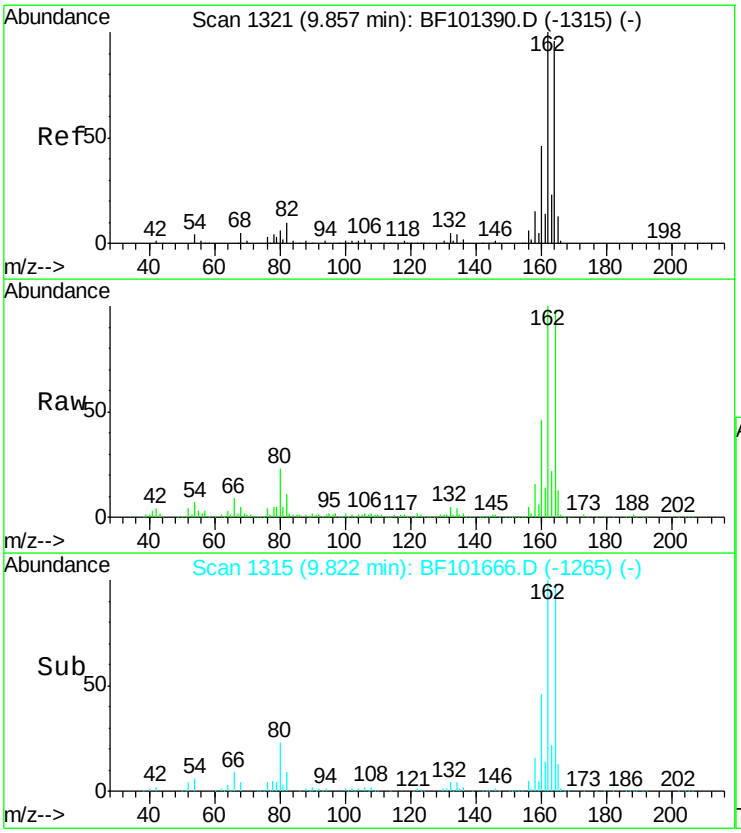
#23
Nitrobenzene-d5
Concen: 8.251 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Instrument :
BNA_F
ClientSampleId :
160

Tgt Ion: 82 Resp: 85083

Ion	Ratio	Lower	Upper
82	100		
128	40.3	36.1	54.1
54	52.1	41.4	62.2

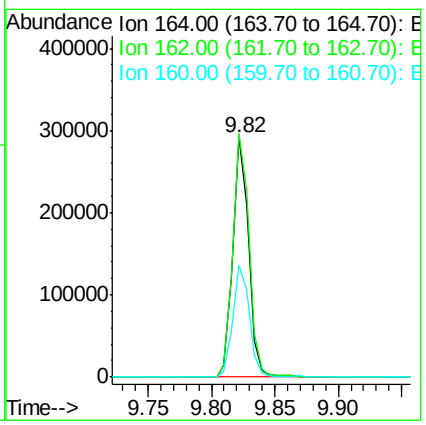


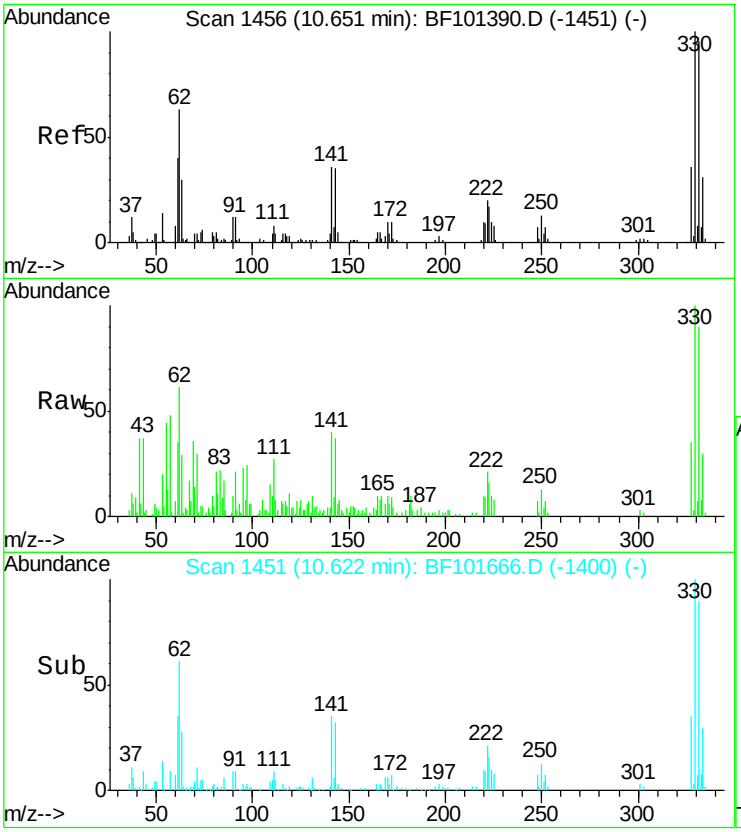


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Tgt Ion:164 Resp: 248738

Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	46.9	38.3	57.5



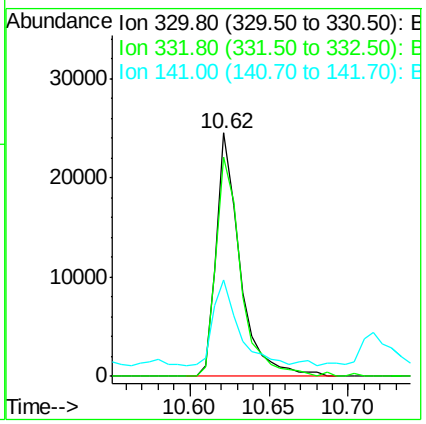


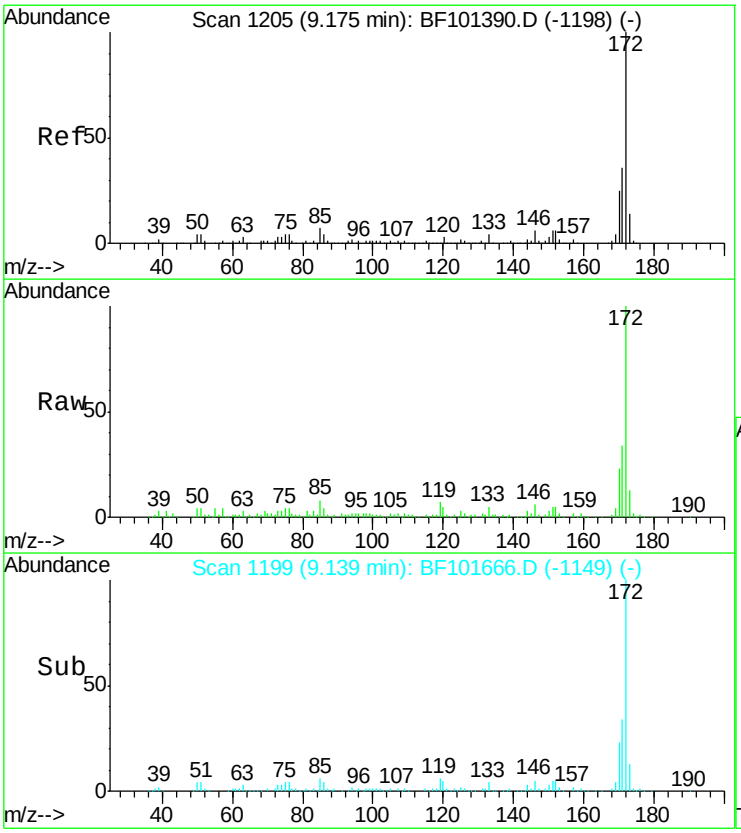
#41
2,4,6-Tribromophenol
Concen: 10.692 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Instrument :
BNA_F
ClientSampleId :
160

Tgt Ion:330 Resp: 25627

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	37.5	29.9	44.9

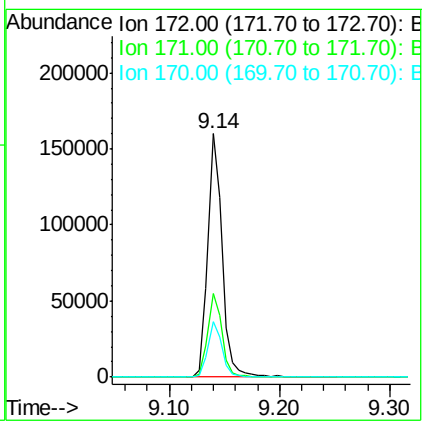


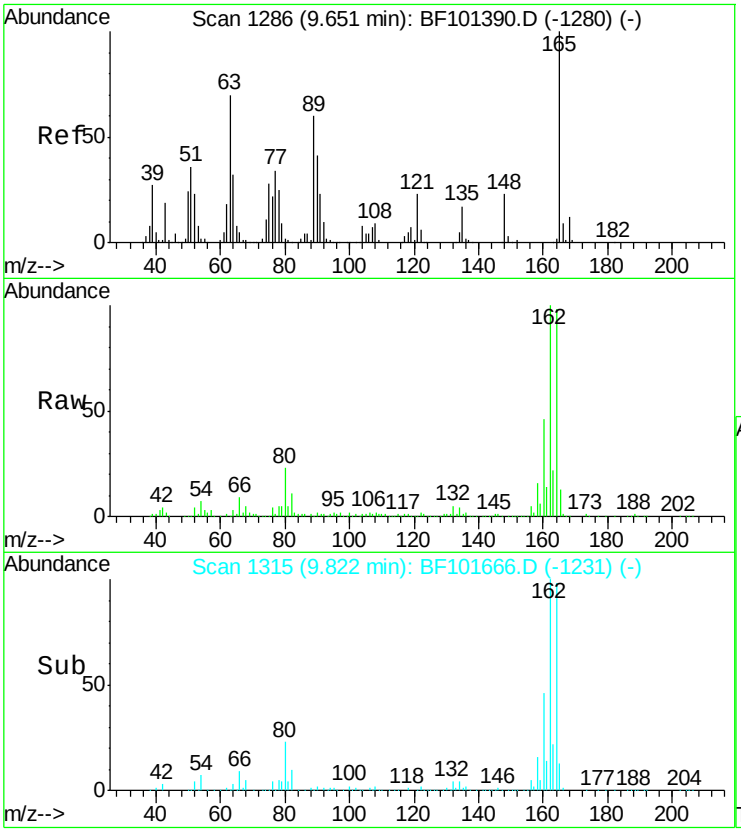


#44
2-Fluorobiphenyl
Concen: 8.743 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Tgt Ion:172 Resp: 140197

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	22.6	19.6	29.4



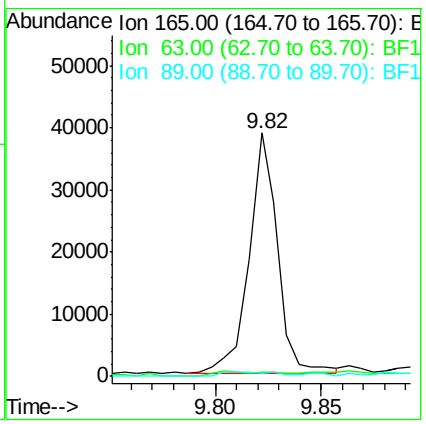


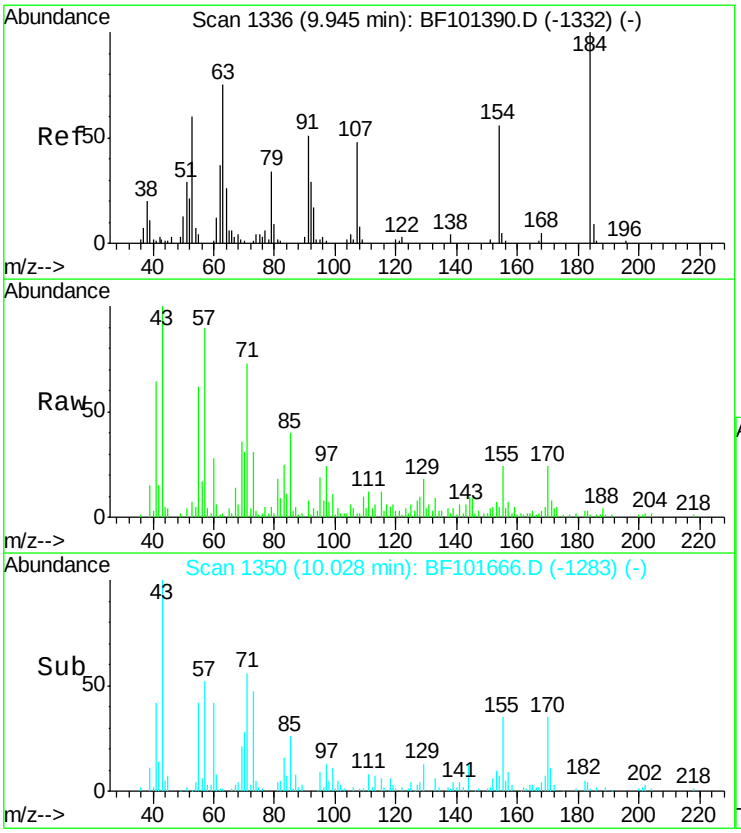
#50
2,6-Dinitrotoluene
Concen: 8.886 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Instrument :
BNA_F
ClientSampleId :
160

Tgt Ion:165 Resp: 36133

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	1.4	44.0	66.0#

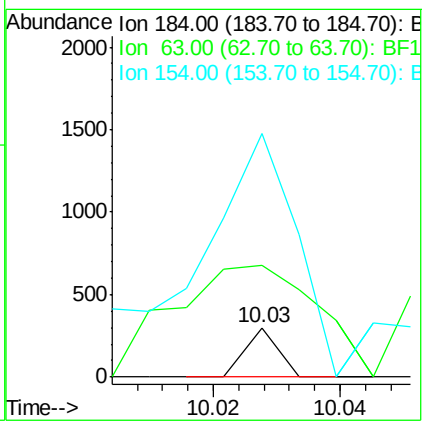


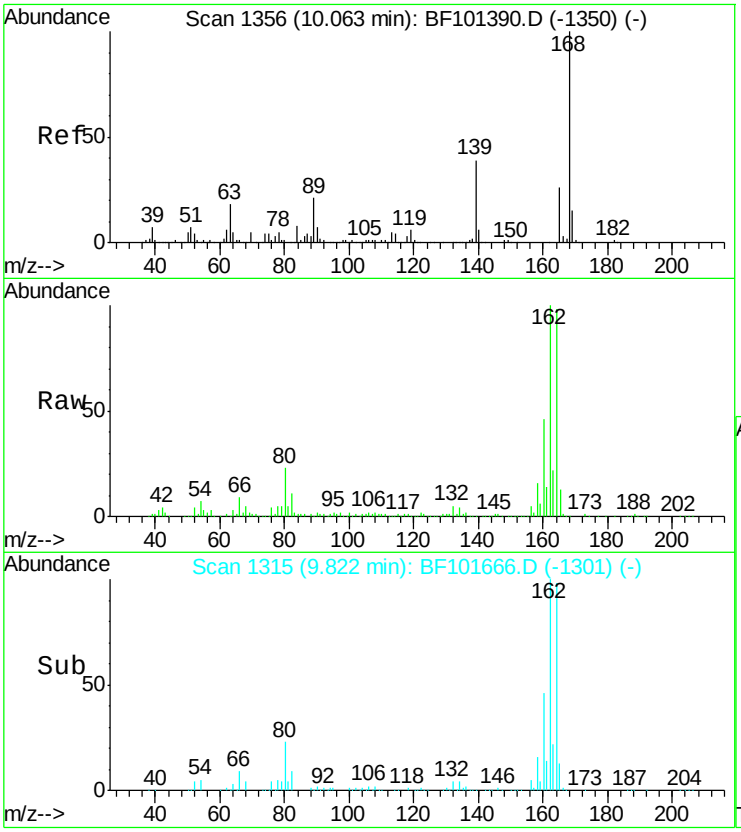


#53
2,4-Dinitrophenol
Concen: 10.386 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.09 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Tgt Ion:184 Resp: 106

Ion	Ratio	Lower	Upper
184	100		
63	224.3	54.2	81.2#
154	490.4	184.0	276.0#



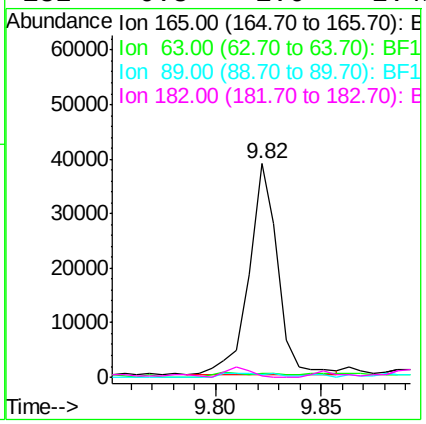


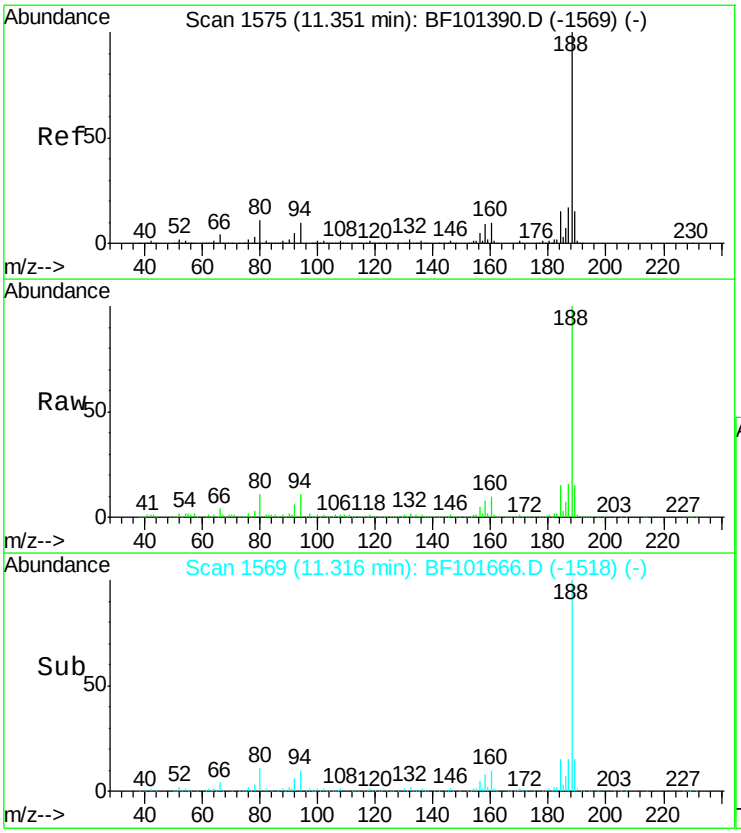
#56
2,4-Dinitrotoluene
Concen: 7.887 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Instrument :
BNA_F
ClientSampleId :
160

Tgt Ion:165 Resp: 36133

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.8	1.6	2.4#

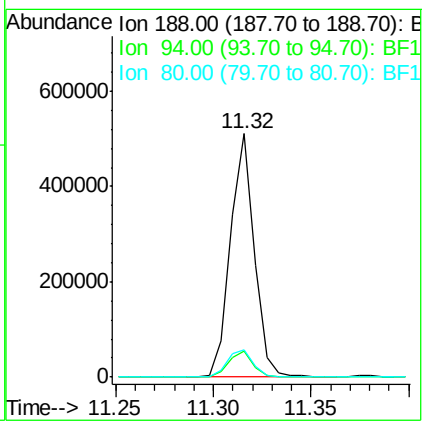


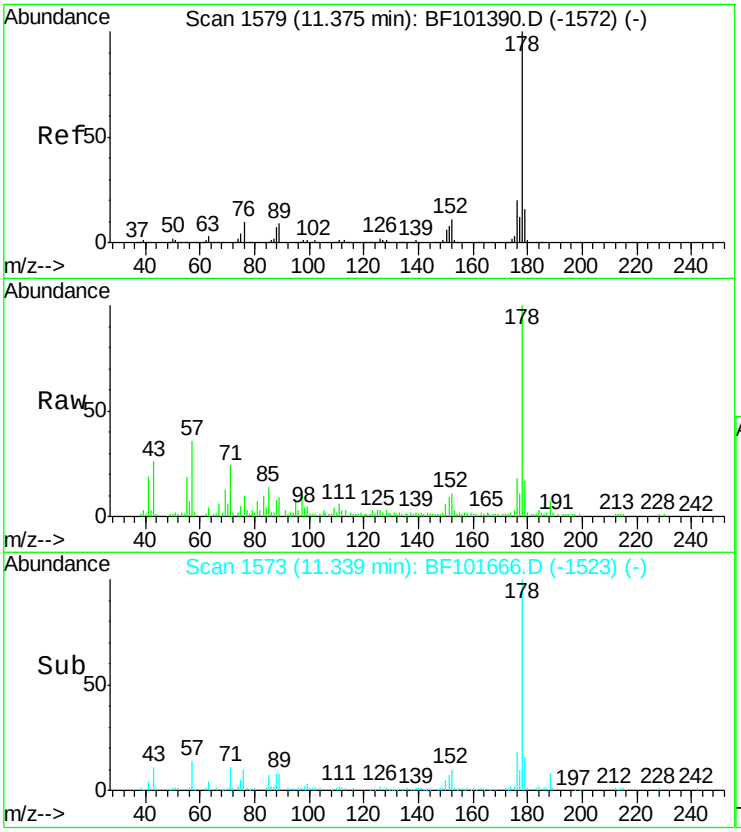


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Tgt Ion:188 Resp: 434882

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.5	9.2	13.8



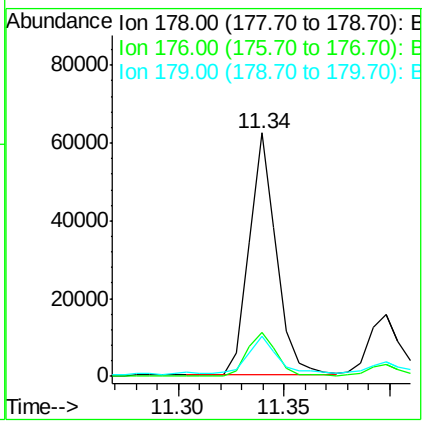


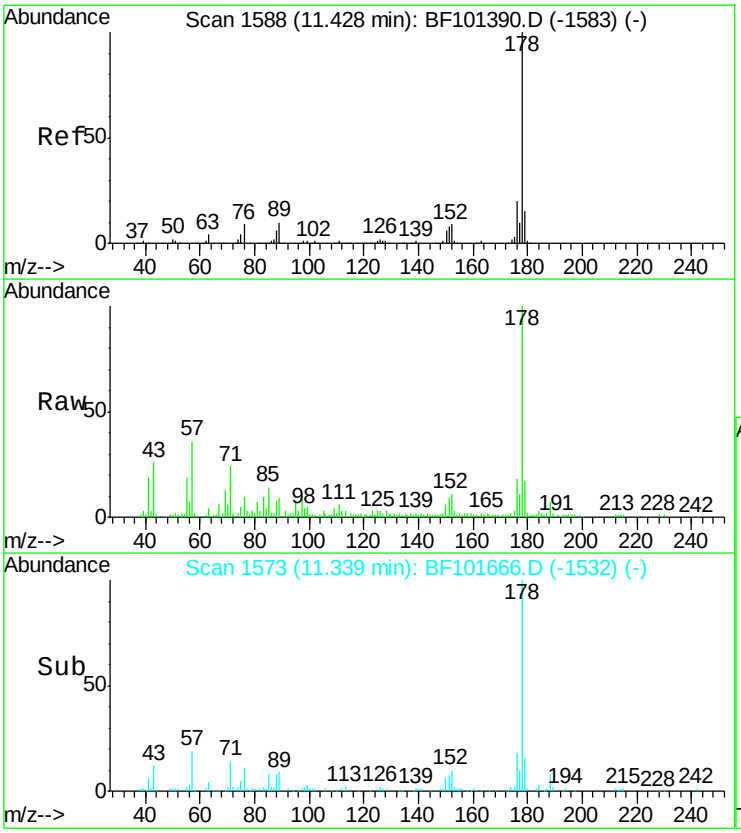
#70
Phenanthrene
Concen: 2.299 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Instrument :
BNA_F
ClientSampleId :
160

Tgt Ion:178 Resp: 55590

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.8
179	16.7	13.0	19.6

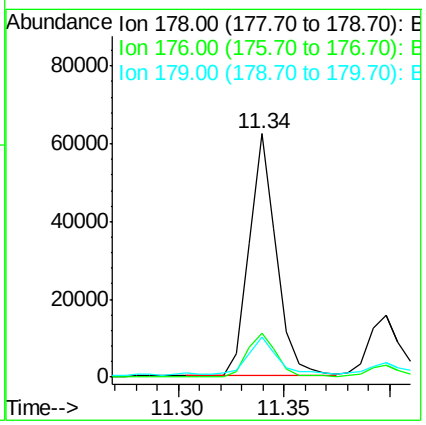


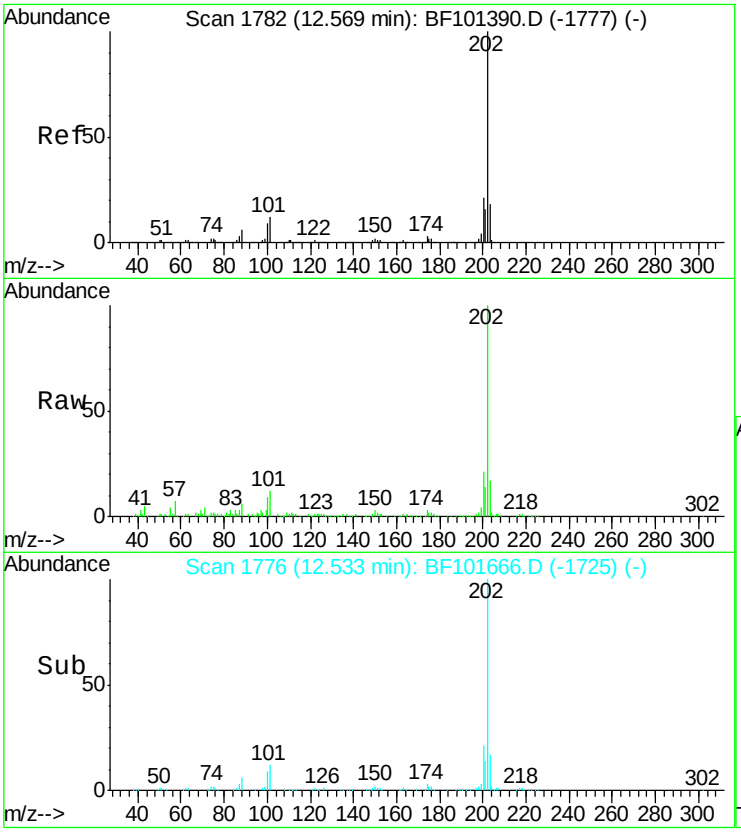


#71
Anthracene
Concen: 2.250 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.06 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Tgt Ion:178 Resp: 55590

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	16.7	12.6	19.0



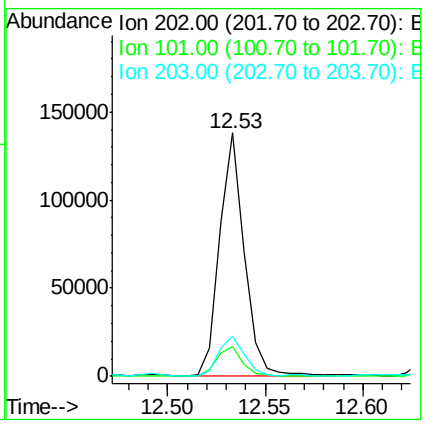


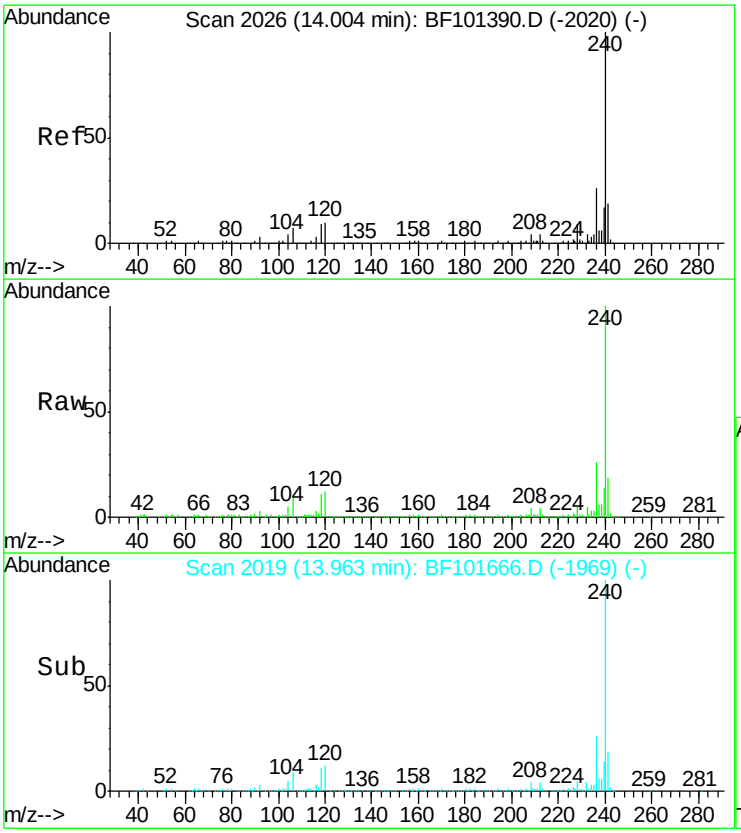
#74
Fluoranthene
Concen: 4.809 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Instrument :
BNA_F
ClientSampleId :
160

Tgt Ion:202 Resp: 122071

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	16.5	0.0	38.1

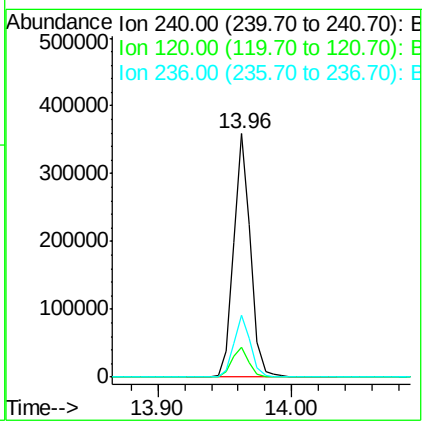


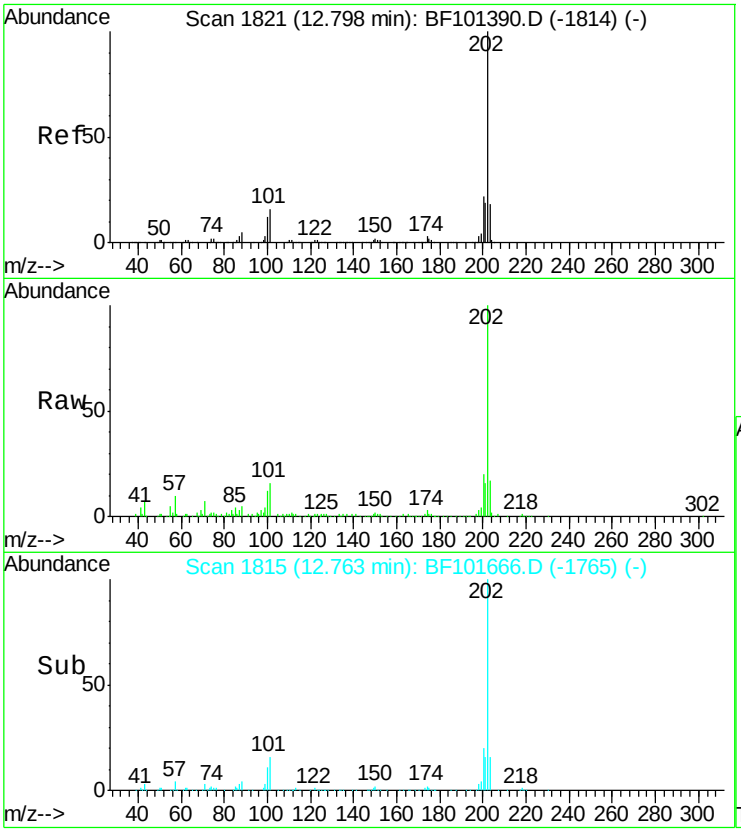


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Tgt Ion:240 Resp: 315270

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.6	20.7	31.1



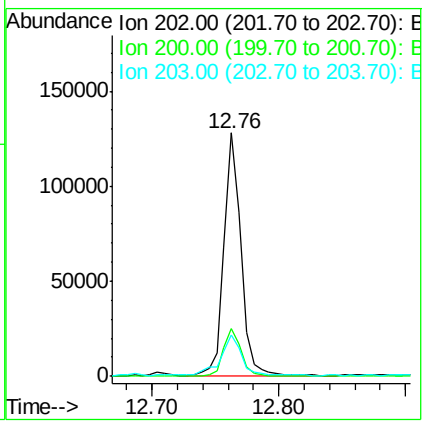


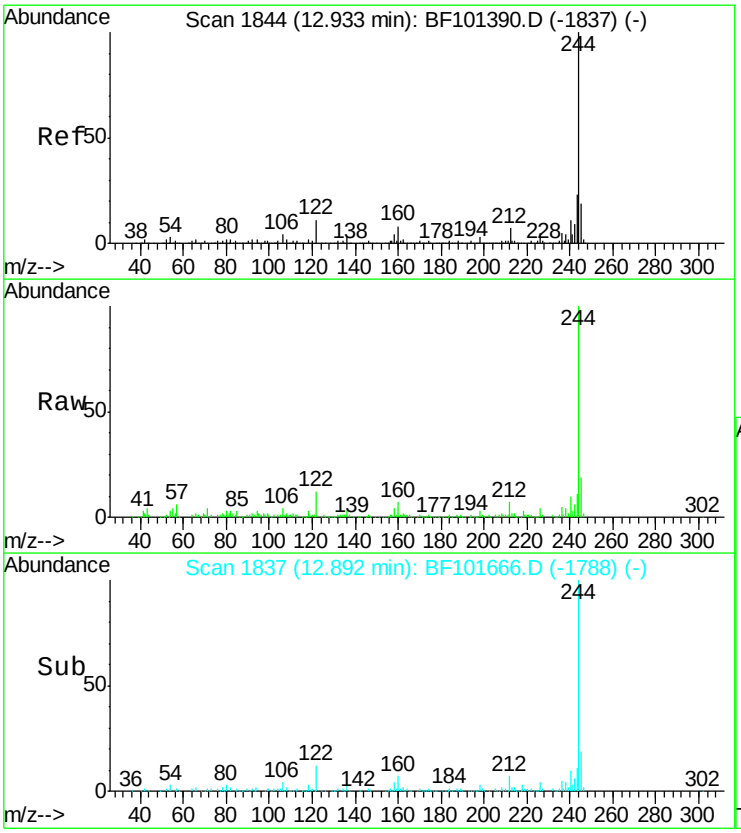
#77
Pyrene
Concen: 5.115 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Instrument :
BNA_F
ClientSampleId :
160

Tgt Ion:202 Resp: 121030

Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.4	26.2
203	16.8	14.3	21.5

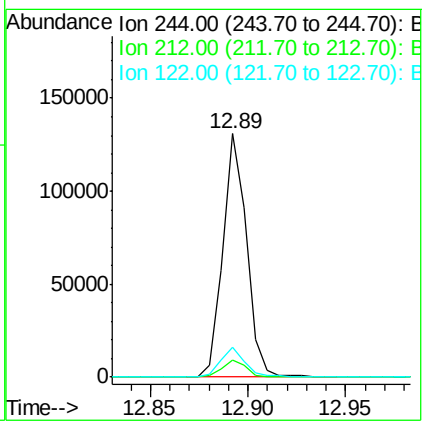


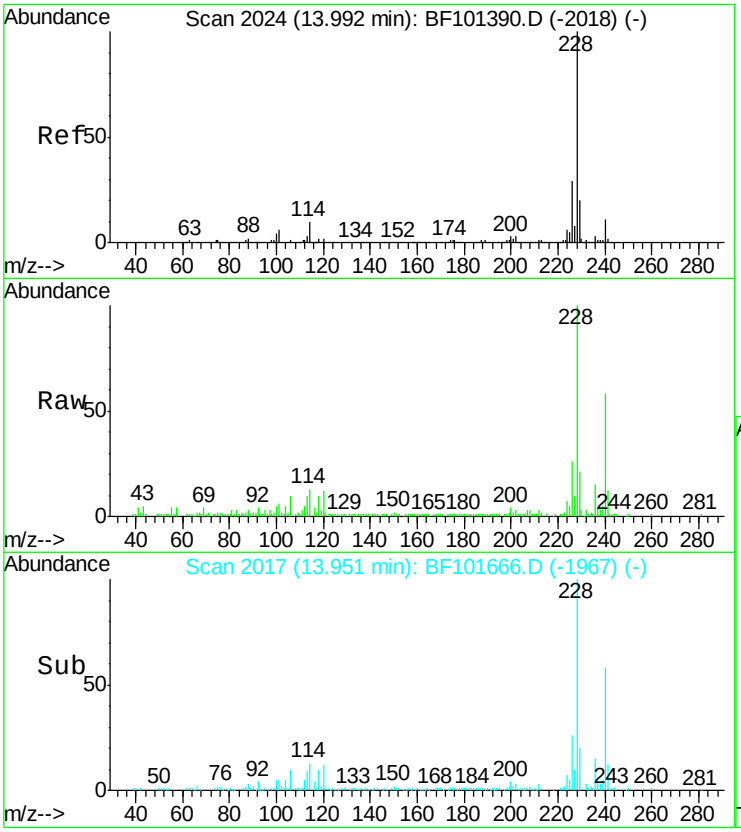


#78
Terphenyl-d14
Concen: 8.422 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Tgt Ion:244 Resp: 110138

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.3	11.0	16.4



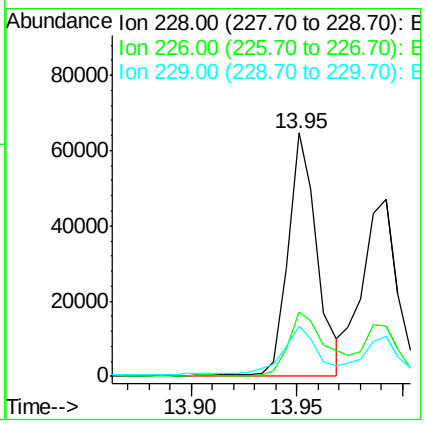


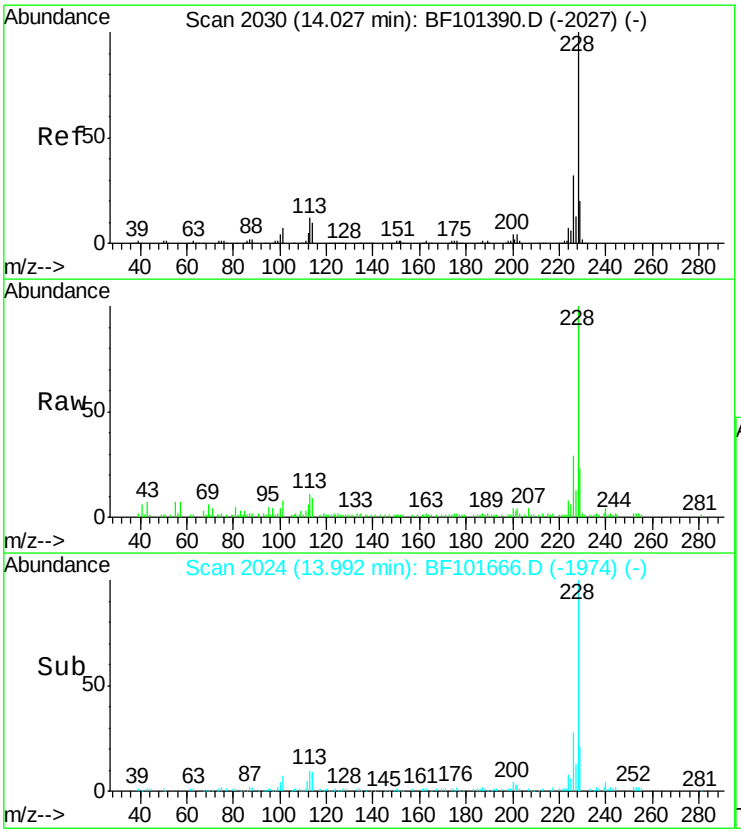
#80
Benzo(a)anthracene
Concen: 2.997 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Instrument :
BNA_F
ClientSampleId :
160

Tgt Ion:228 Resp: 62394

Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.6	33.8
229	20.7	15.8	23.6

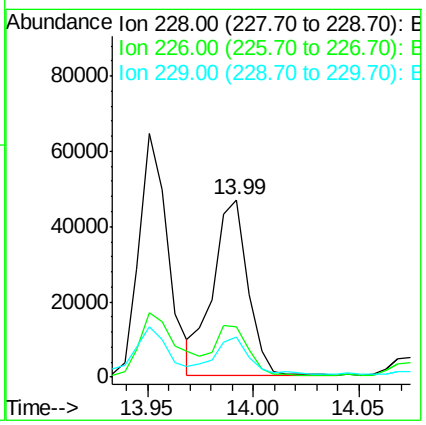


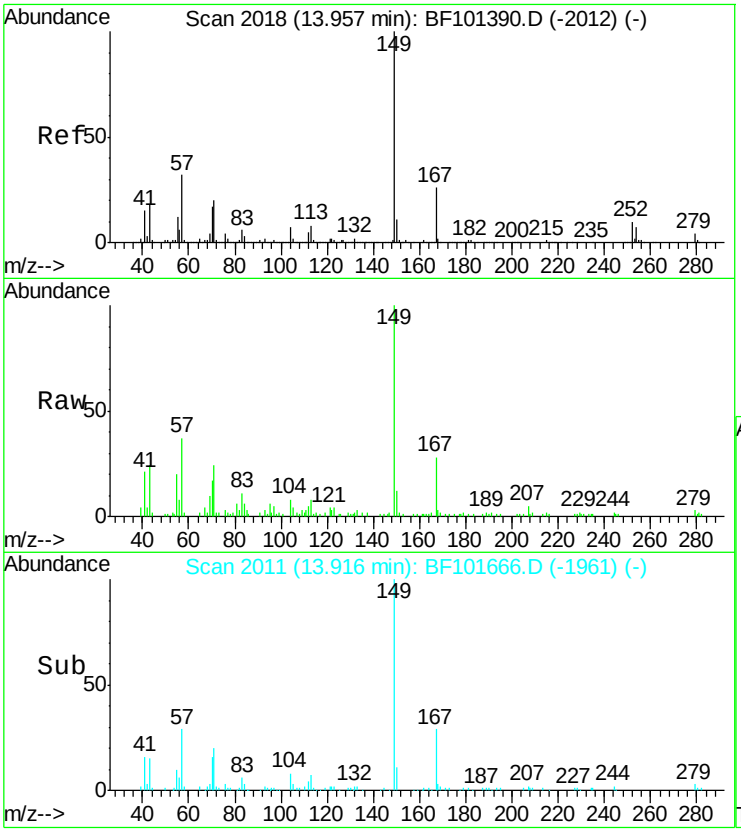


#82
Chrysene
Concen: 2.751 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Tgt Ion:228 Resp: 54081

Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.0	37.6
229	22.5	16.2	24.4



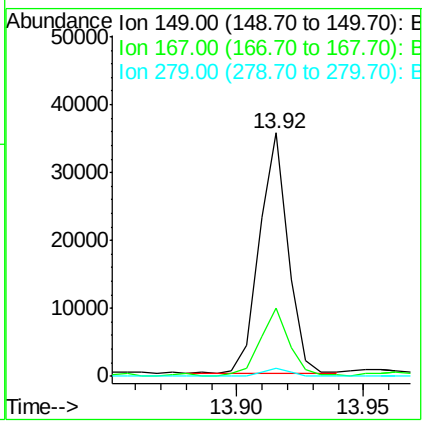


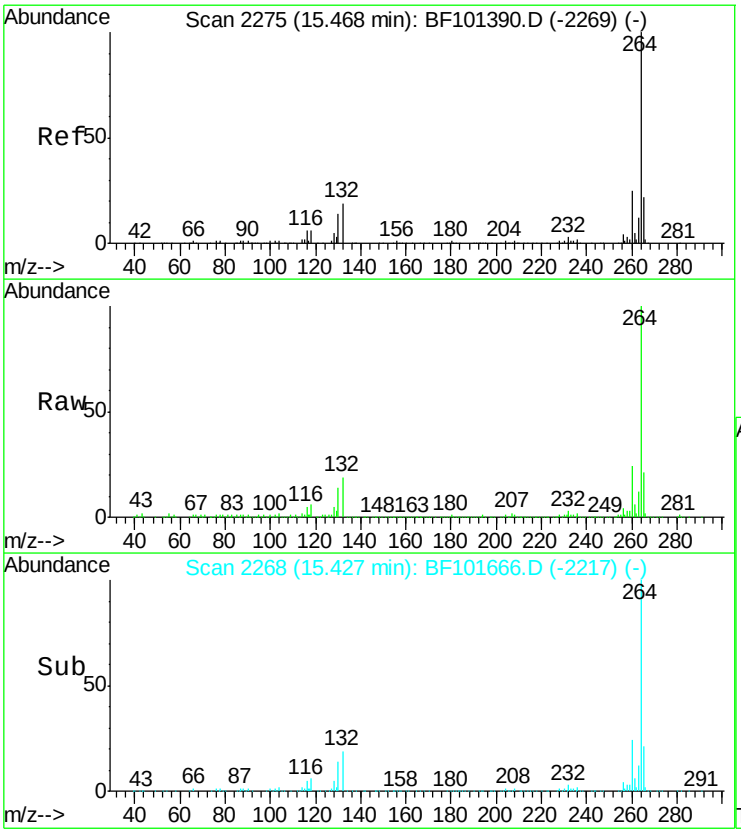
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.061 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Instrument :
BNA_F
ClientSampleId :
160

Tgt Ion:149 Resp: 27942

Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.3	31.9
279	3.2	3.0	4.4

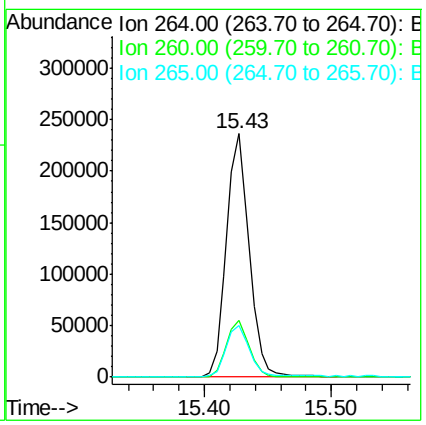


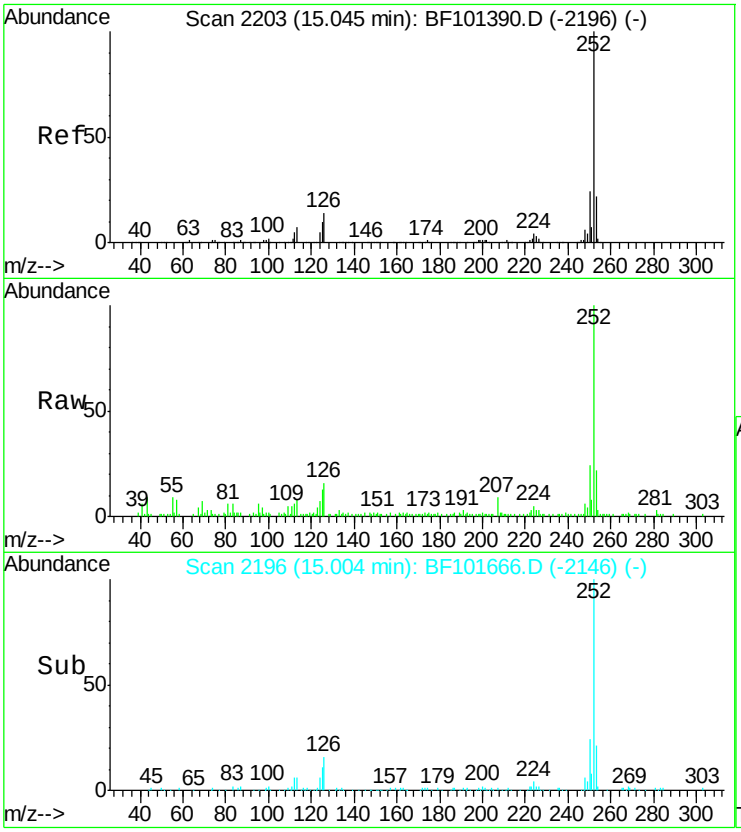


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Tgt Ion:264 Resp: 293427

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	17.5	26.3



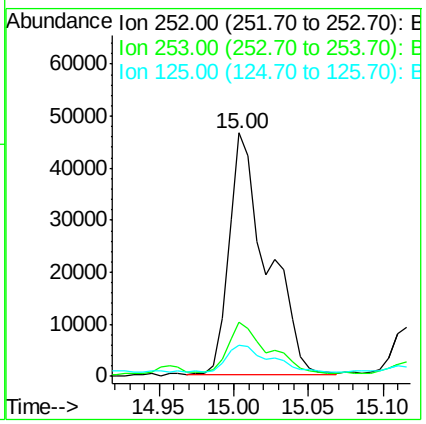


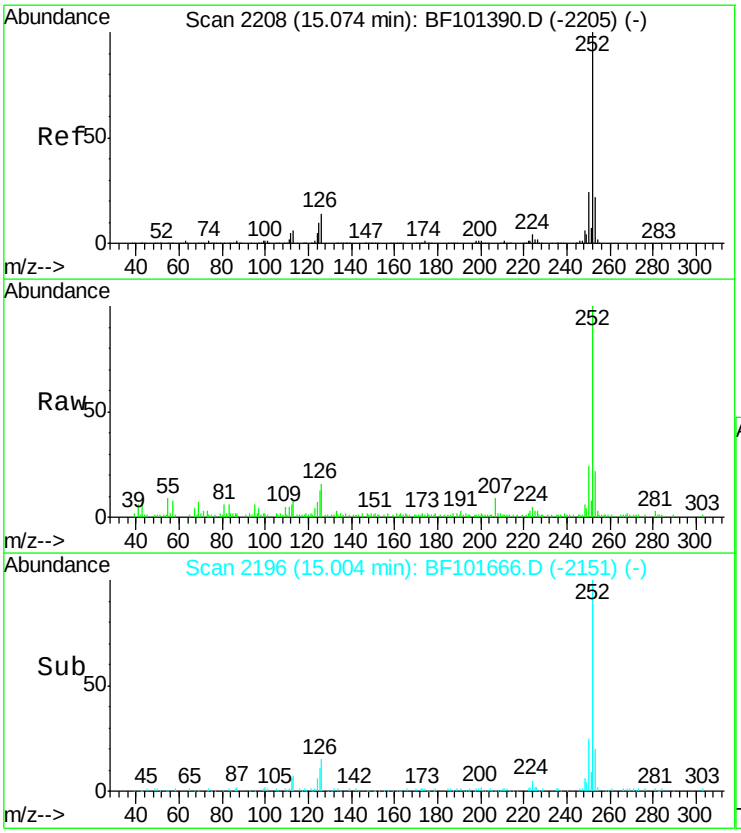
#87
Benzo(b)fluoranthene
Concen: 4.620 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Instrument :
BNA_F
ClientSampleId :
160

Tgt Ion:252 Resp: 82626

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	12.7	9.0	13.6

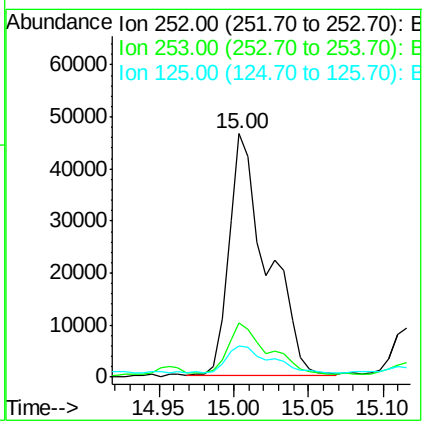


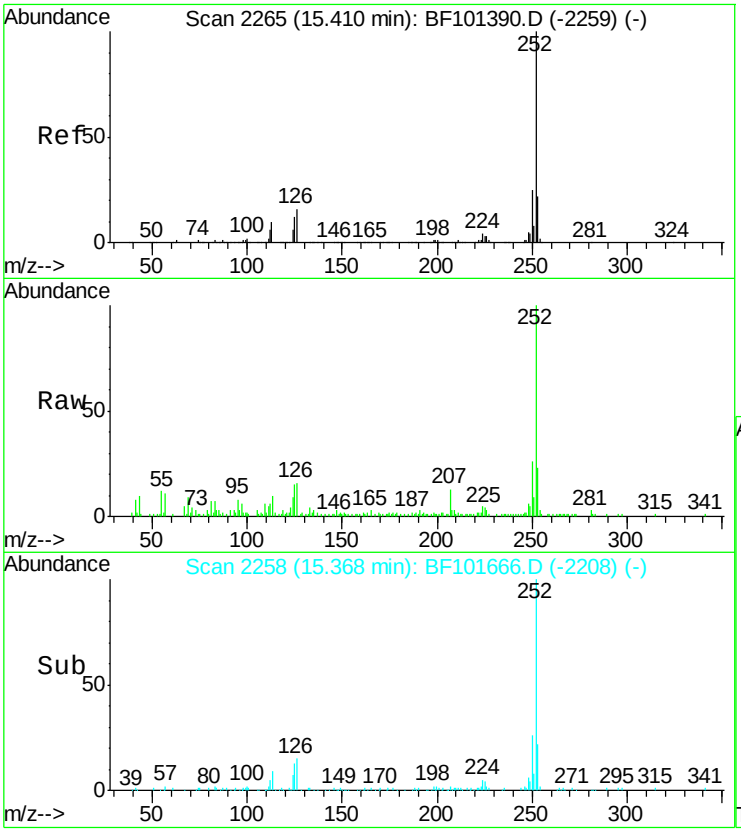


#88
Benzo(k)fluoranthene
Concen: 4.752 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Tgt Ion:252 Resp: 82626

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	12.7	10.2	15.2





#89
Benzo(a)pyrene
Concen: 2.824 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF101666.D
Acq: 22 Dec 2017 21:02

Instrument :
BNA_F
ClientSampleId :
160

Tgt Ion:252 Resp: 46554

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	14.7	9.8	14.6#