Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103307.D
Acq On : 28 Feb 2018 21:38
Operator : SJ/JU
Sample : J1716-04 20X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 01 00:05:07 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	151612	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	628091	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	255420	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	317575	20.00	ng		0.00
75) Chrysene-d12	14.05	240	235376	20.00	ng		0.00
86) Perylene-d12	15.55	264	243927	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	71297	7.11	ng		0.00
7) Phenol-d6	6.51	99	84950	6.93	ng		0.00
23) Nitrobenzene-d5	7.44	82	53401	4.86	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	8974	4.15	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	82244	2.04	ng		0.00
78) Terphenyl-d14	12.99	244	42065	4.30	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	151	Below Cal		#	1
25) Isophorone	7.44	82	53401	2.465	ng	#	64
50) 2,6-Dinitrotoluene	9.91	165	32226	7.495	ng	#	26
56) 2,4-Dinitrotoluene	9.91	165	32226	5.926	ng	#	24
70) Phenanthrene	11.43	178	174463	9.982	ng		99
71) Anthracene	11.48	178	52075	2.906	ng		98
74) Fluoranthene	12.62	202	157408	8.963	ng		98
77) Pyrene	12.85	202	138134	7.527	ng		98
80) Benzo(a)anthracene	14.04	228	62696	4.105	ng		97
82) Chrysene	14.08	228	58629	3.954	ng		98
87) Benzo(b)fluoranthene	15.12	252	88259	5.503	ng	#	94
88) Benzo(k)fluoranthene	15.12	252	88259	5.844	ng		96
89) Benzo(a)pyrene	15.49	252	50040	3.494	ng	#	95

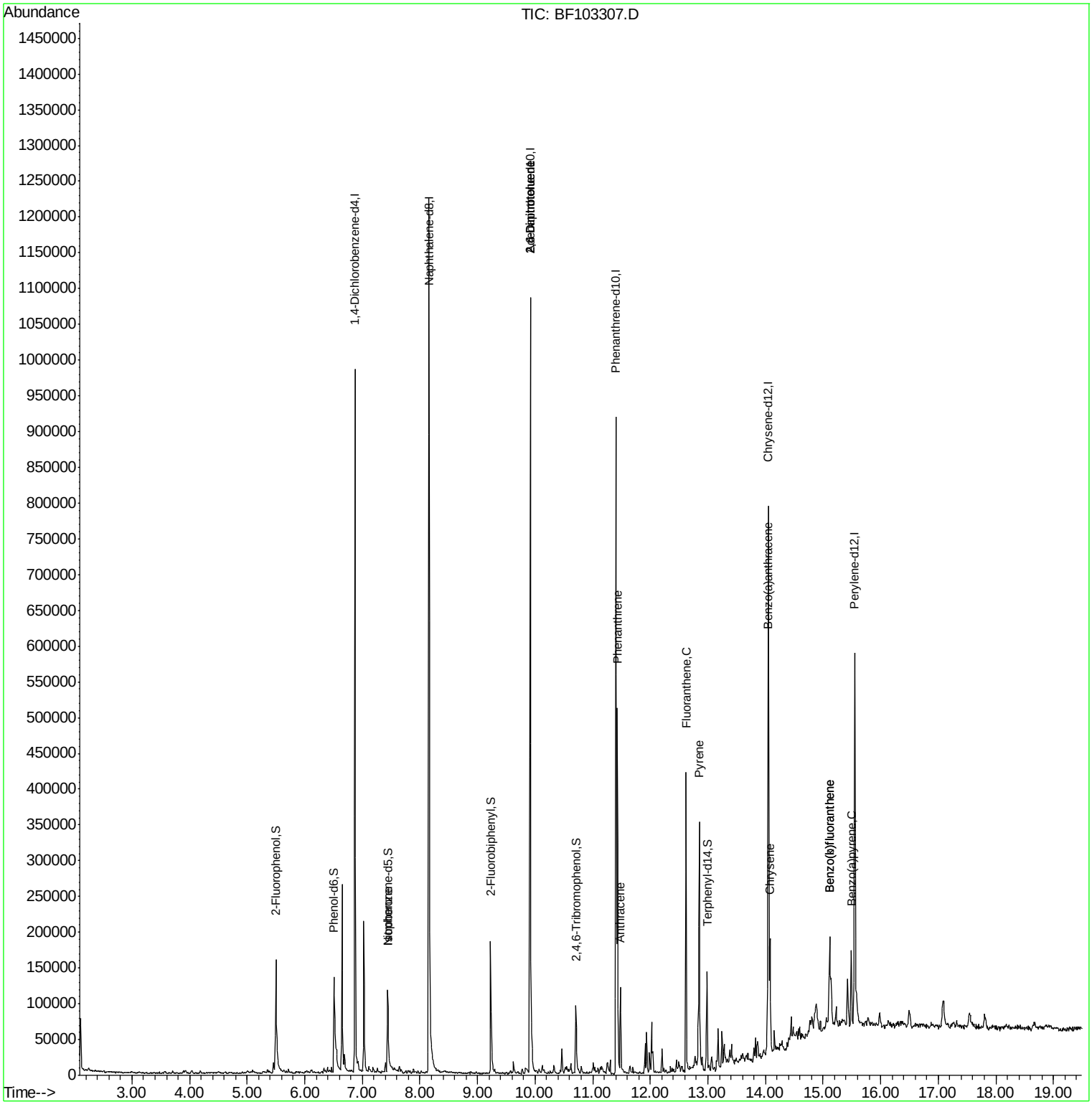
(#) = qualifier out of range (m) = manual integration (+) = signals summed

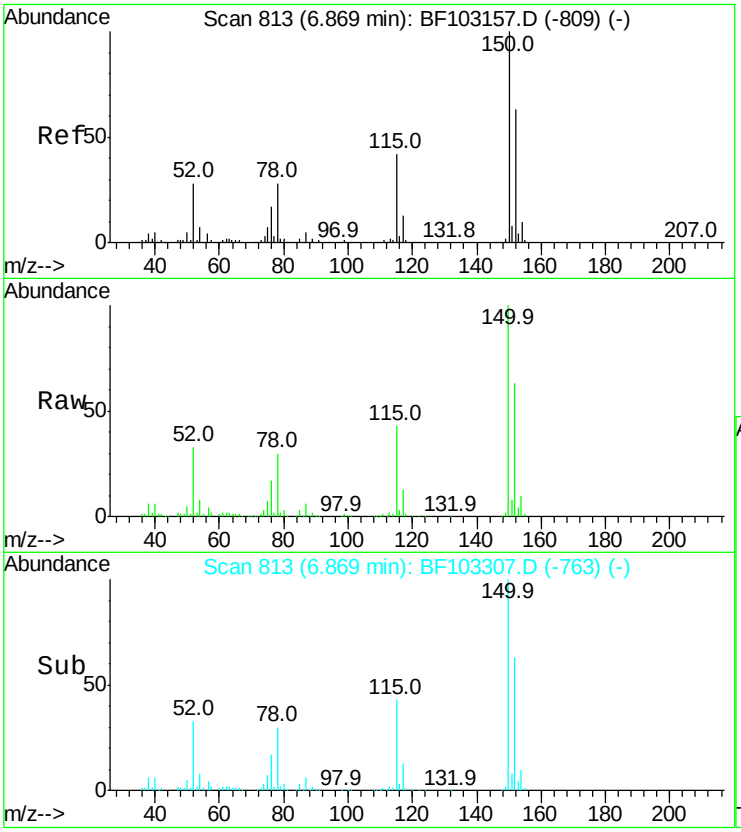
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103307.D
Acq On : 28 Feb 2018 21:38
Operator : SJ/JU
Sample : J1716-04 20X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 01 00:05:07 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration



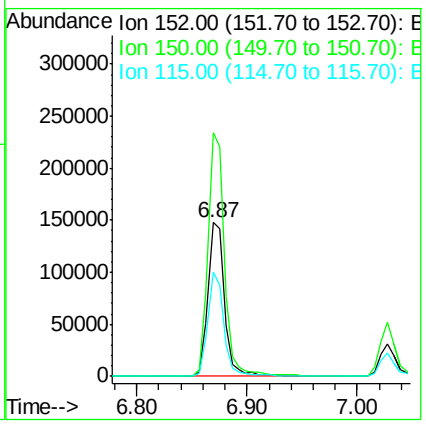


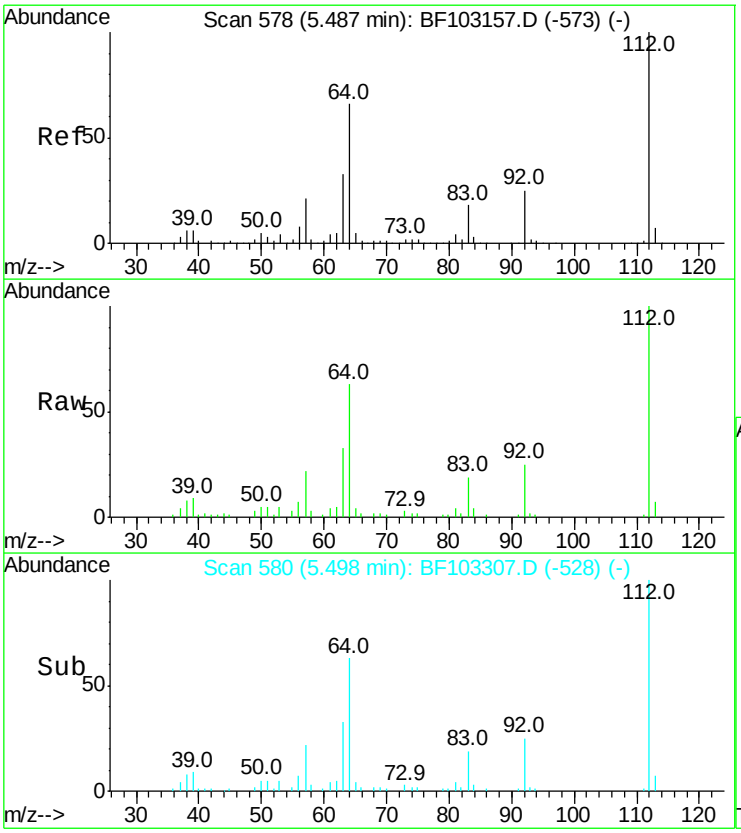
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 151612

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	68.1	50.1	75.1

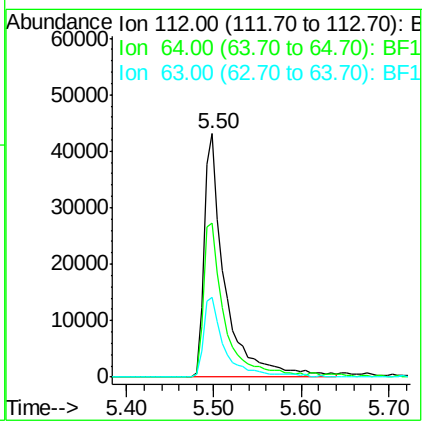


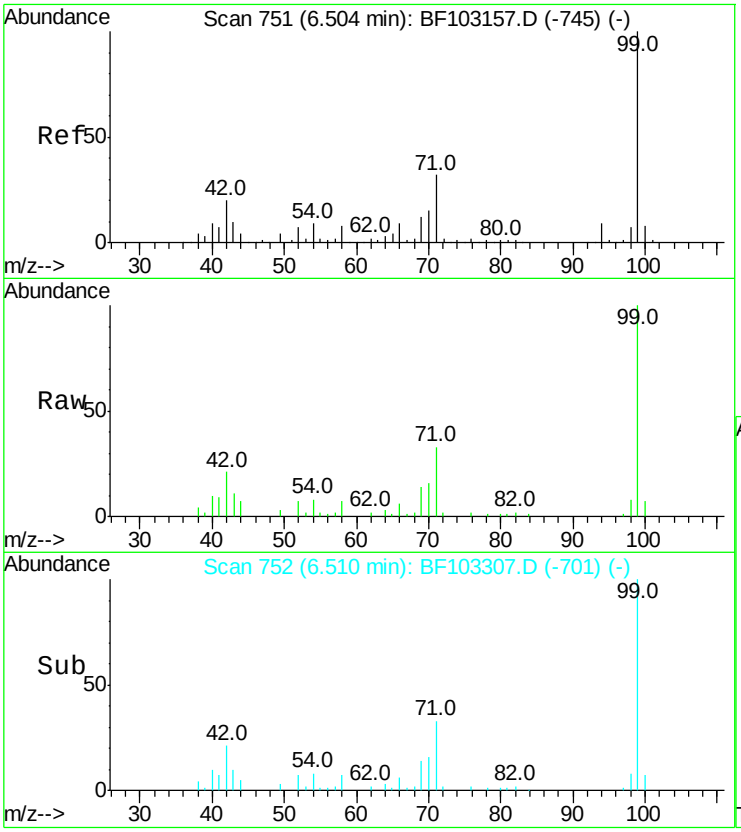


#5
2-Fluorophenol
Concen: 7.112 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Tgt Ion:112 Resp: 71297

Ion	Ratio	Lower	Upper
112	100		
64	63.3	47.9	71.9
63	33.0	23.7	35.5



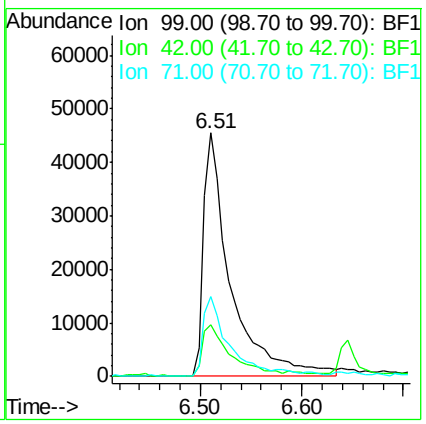


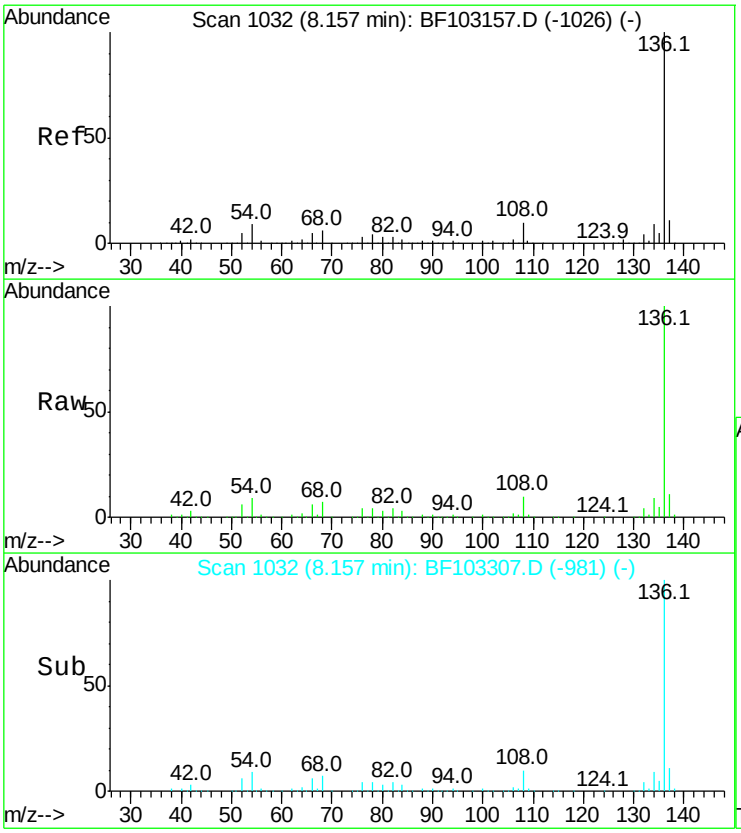
#7
Phenol-d6
Concen: 6.925 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 84950

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.5	21.7
71	32.8	25.4	38.0

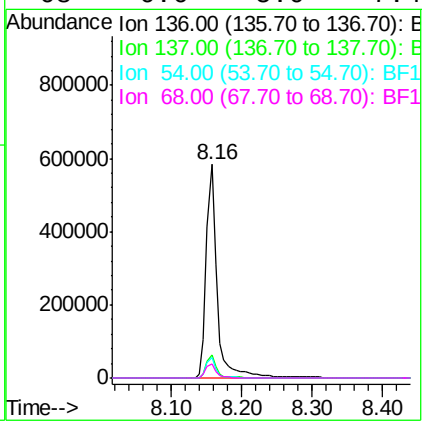


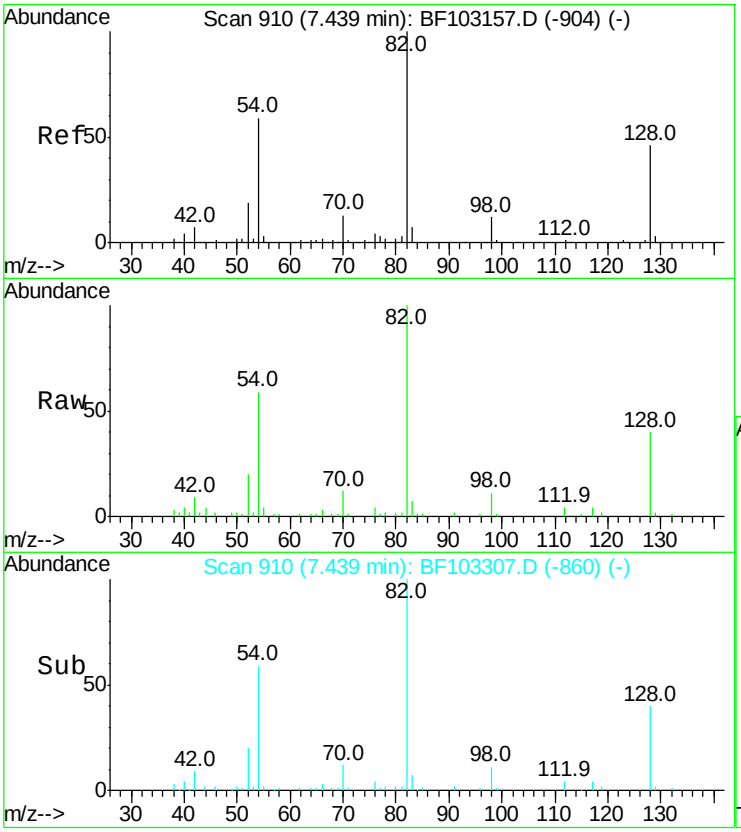


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Tgt Ion:136 Resp: 628091

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.3	6.6	9.8
68	6.6	5.0	7.4



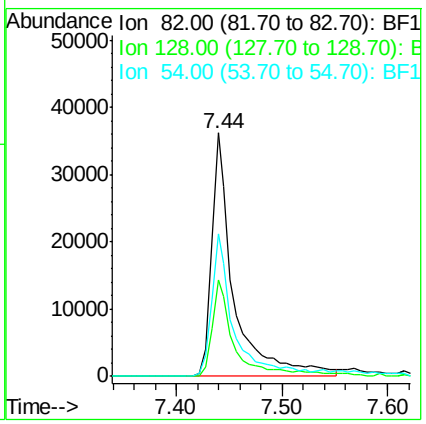


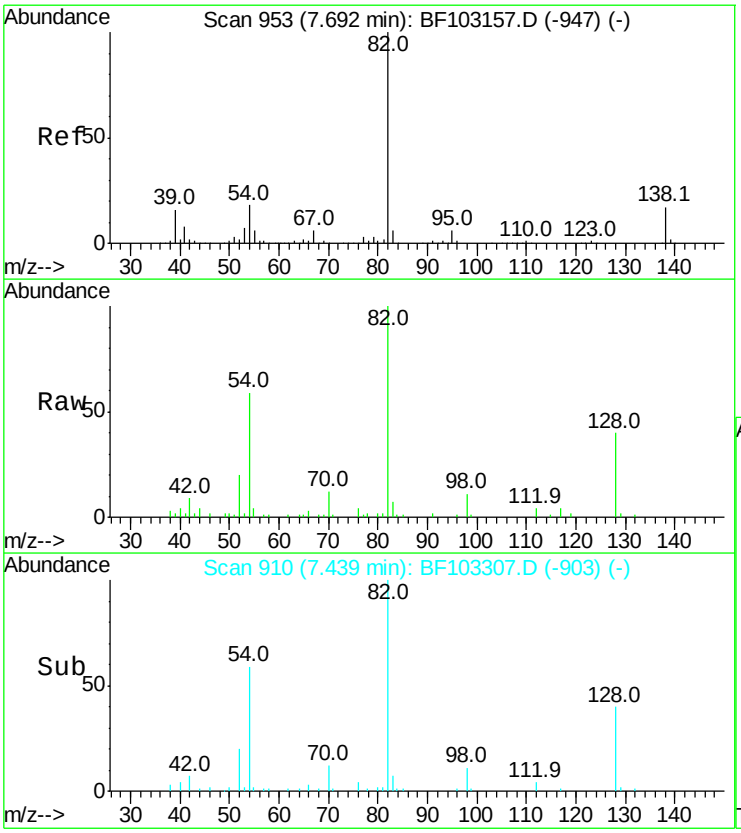
#23
Nitrobenzene-d5
Concen: 4.855 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 53401

Ion	Ratio	Lower	Upper
82	100		
128	39.7	36.1	54.1
54	58.6	41.4	62.2

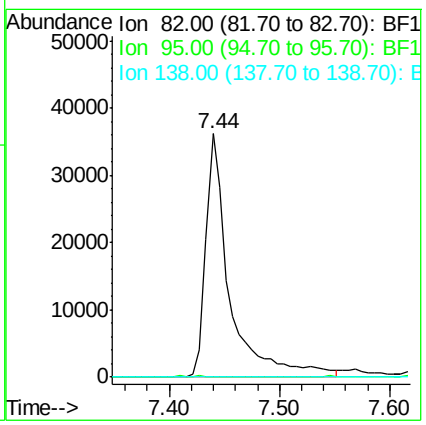


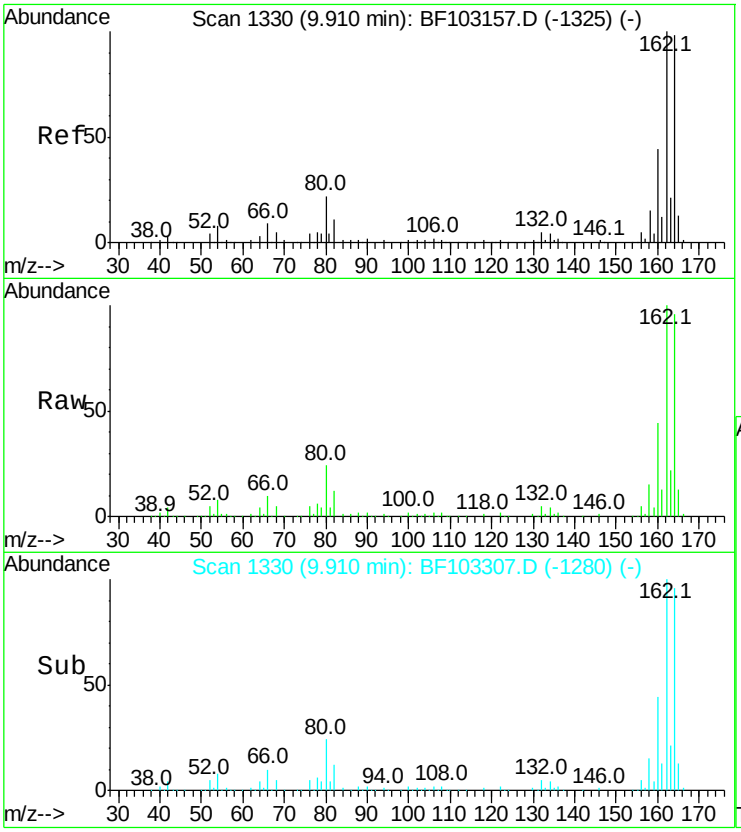


#25
Isophorone
Concen: 2.465 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Tgt Ion: 82 Resp: 53401

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



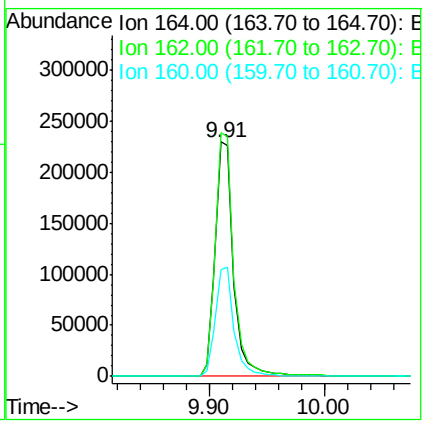


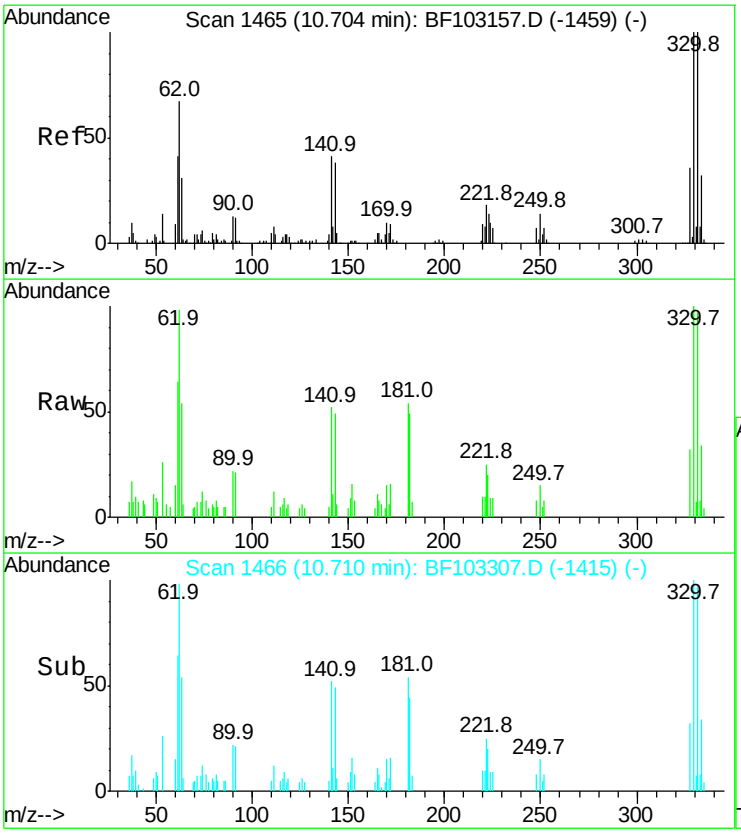
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 255420

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	45.6	38.3	57.5

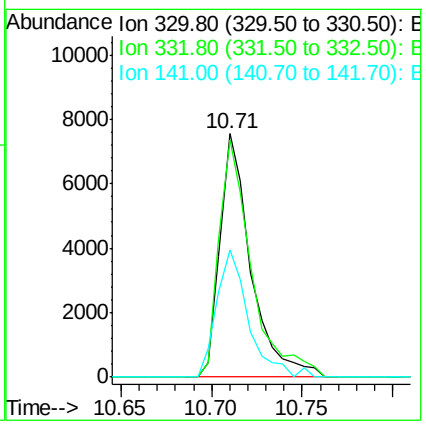


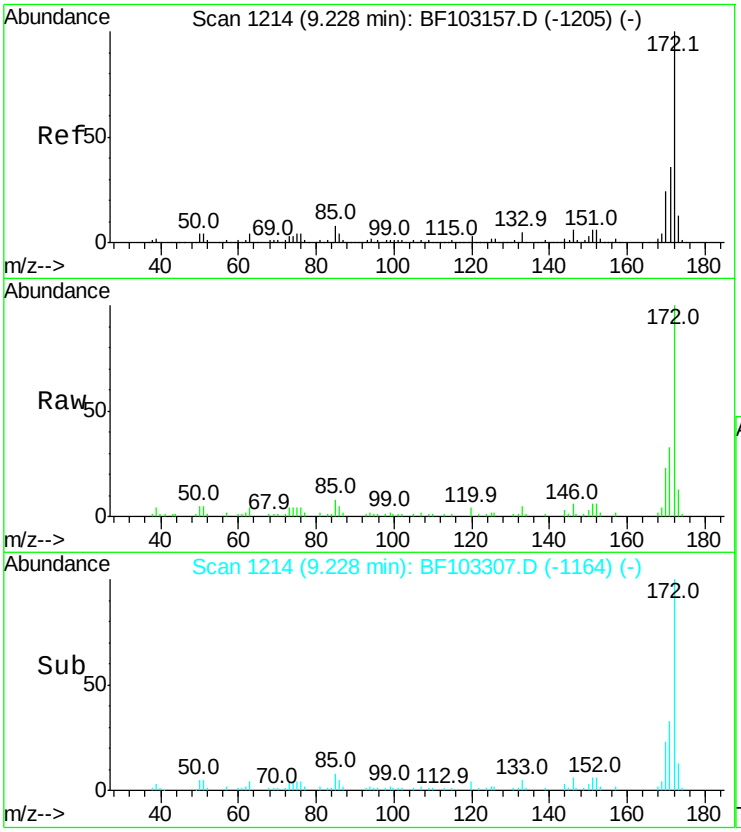


#41
2,4,6-Tribromophenol
Concen: 4.151 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Tgt Ion:330 Resp: 8974

Ion	Ratio	Lower	Upper
330	100		
332	102.0	77.0	115.6
141	54.0	29.9	44.9#



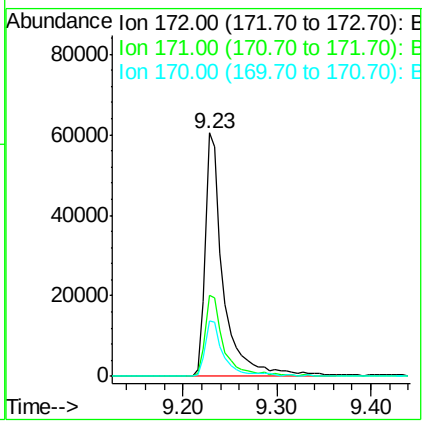


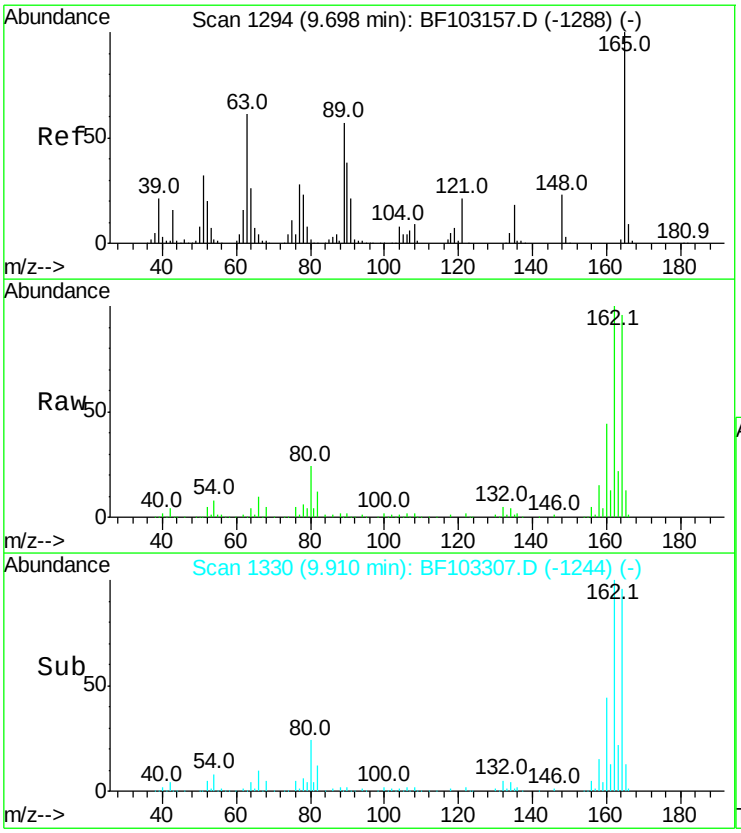
#44
2-Fluorobiphenyl
Concen: 2.040 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 82244

Ion	Ratio	Lower	Upper
172	100		
171	33.2	29.7	44.5
170	22.8	19.6	29.4

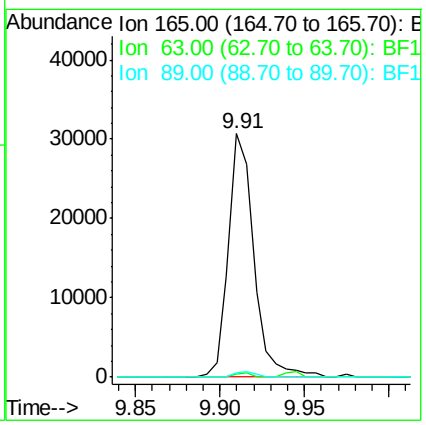


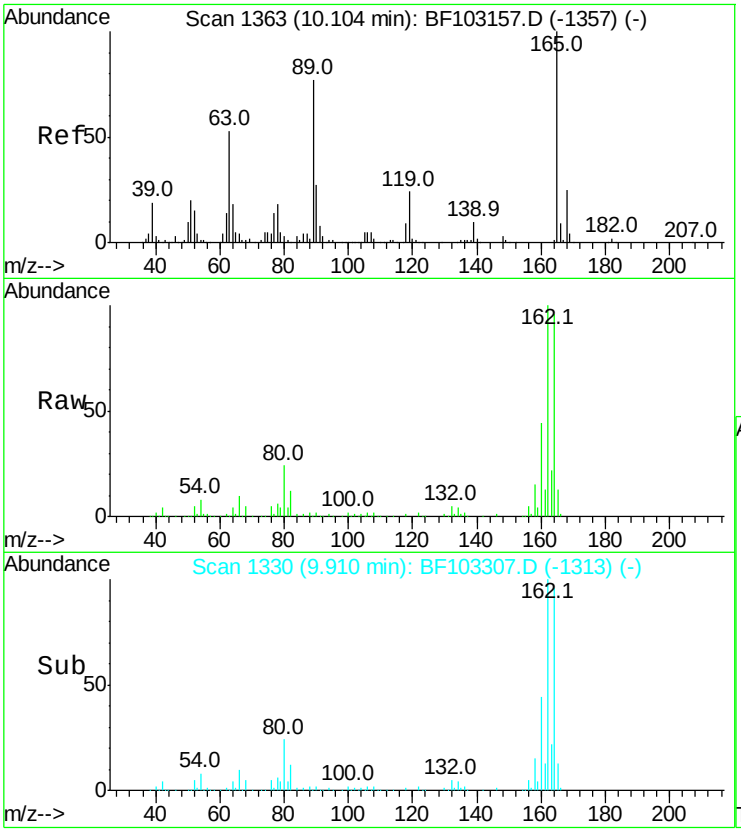


#50
2,6-Dinitrotoluene
Concen: 7.495 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Tgt Ion:165 Resp: 32226

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.9	44.0	66.0#



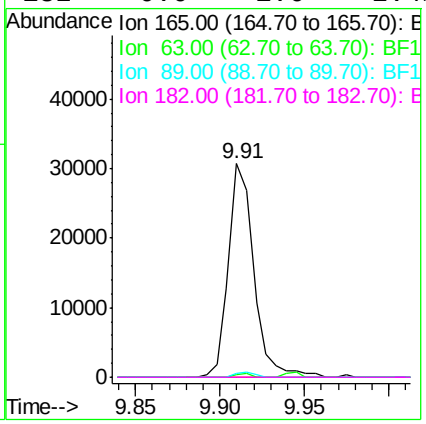


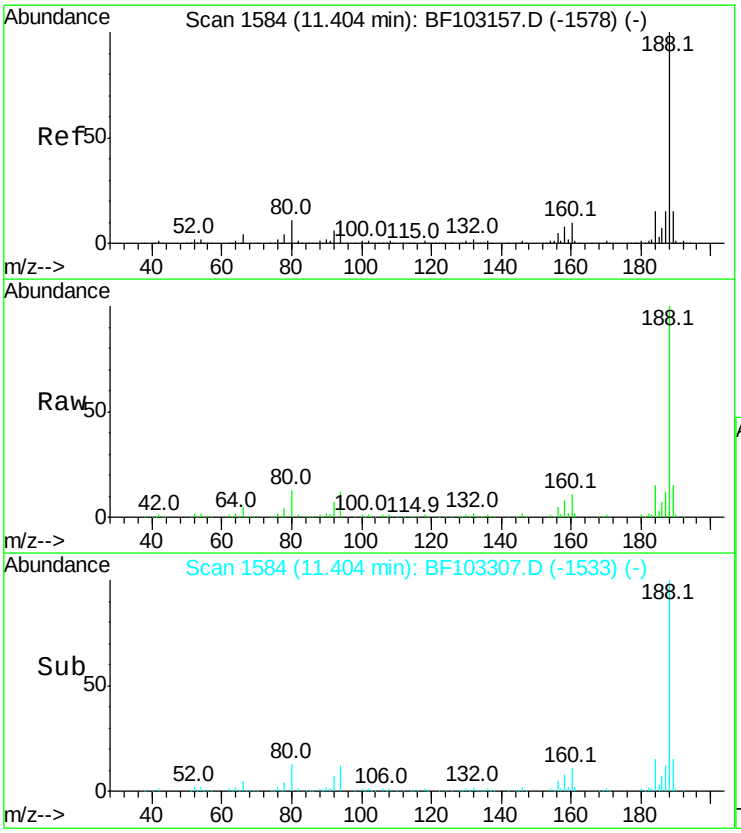
#56
2,4-Dinitrotoluene
Concen: 5.926 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32226

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

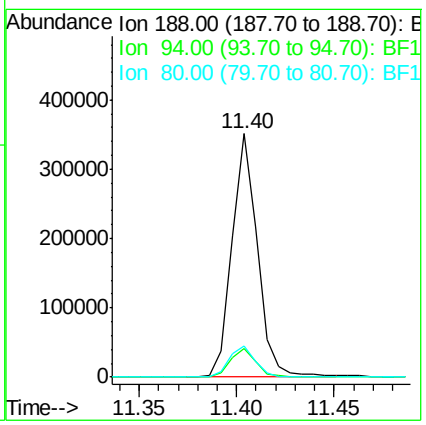


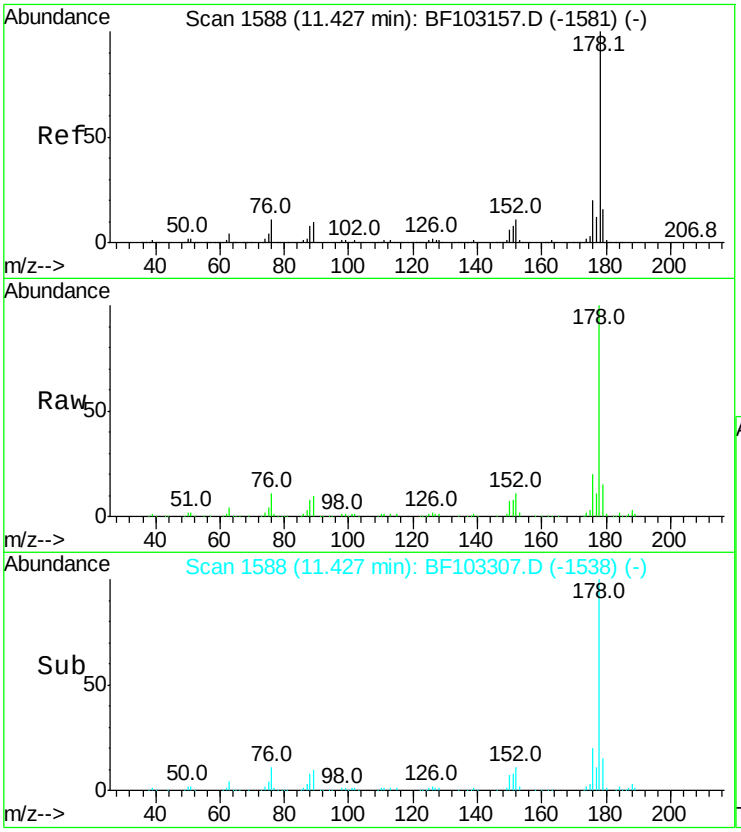


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Tgt Ion:188 Resp: 317575

Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.5	12.7
80	12.9	9.2	13.8



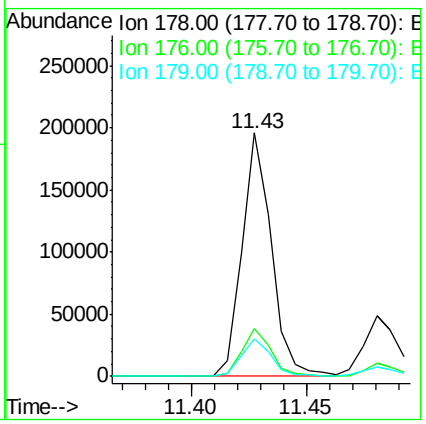


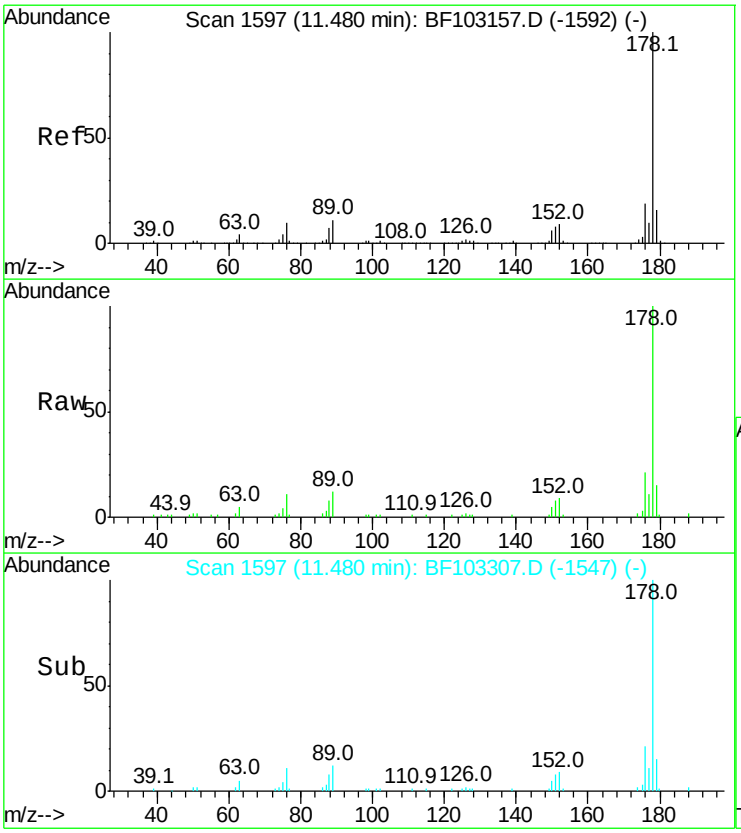
#70
Phenanthrene
Concen: 9.982 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 174463

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.2	13.0	19.6

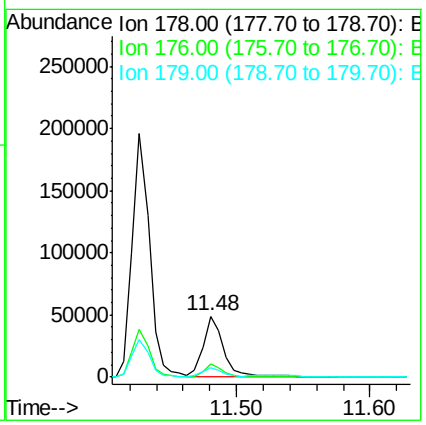


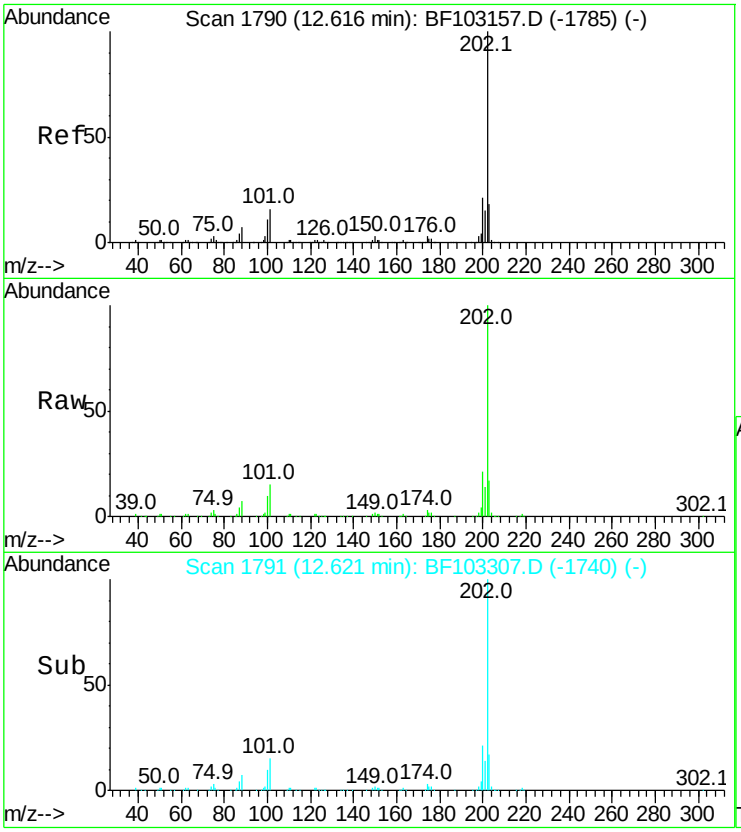


#71
Anthracene
Concen: 2.906 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Tgt Ion:178 Resp: 52075

Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.4	23.2
179	15.4	12.6	19.0



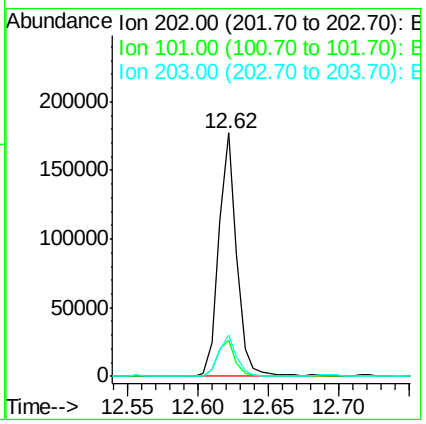


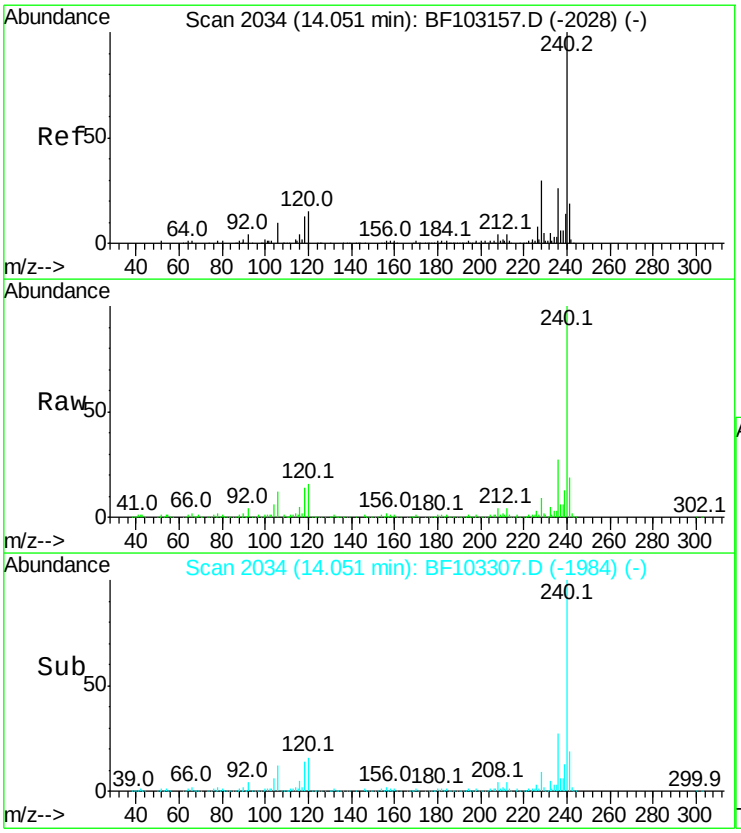
#74
Fluoranthene
Concen: 8.963 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 157408

Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	34.1
203	17.0	0.0	38.1

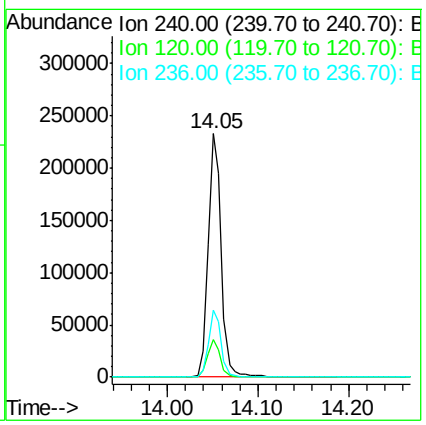


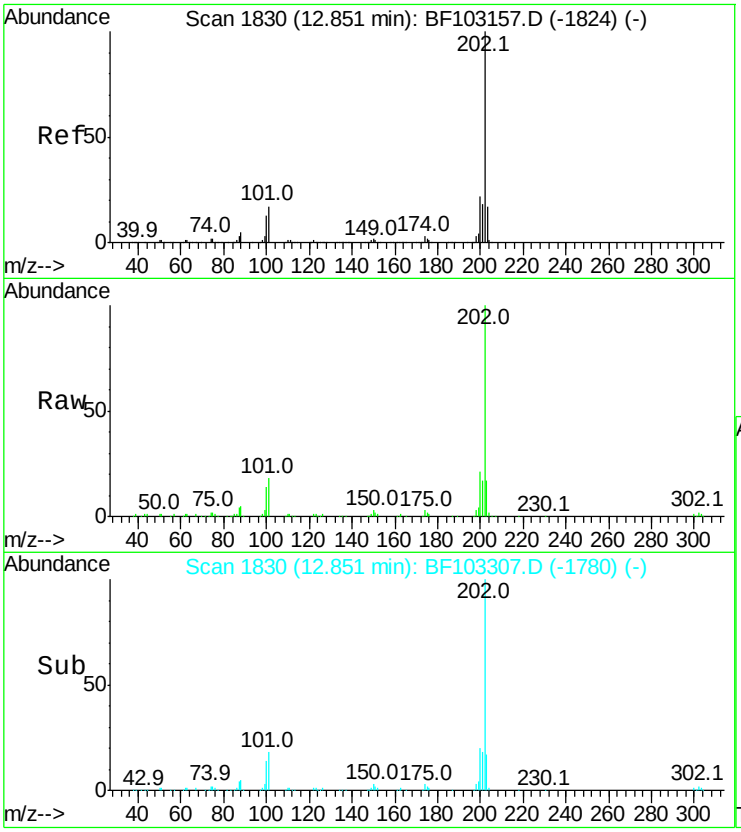


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Tgt Ion:240 Resp: 235376

Ion	Ratio	Lower	Upper
240	100		
120	15.6	9.5	14.3#
236	27.5	20.7	31.1



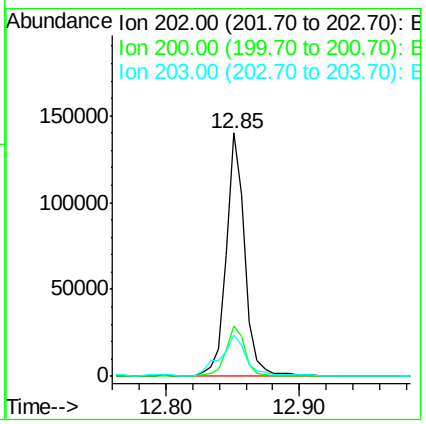


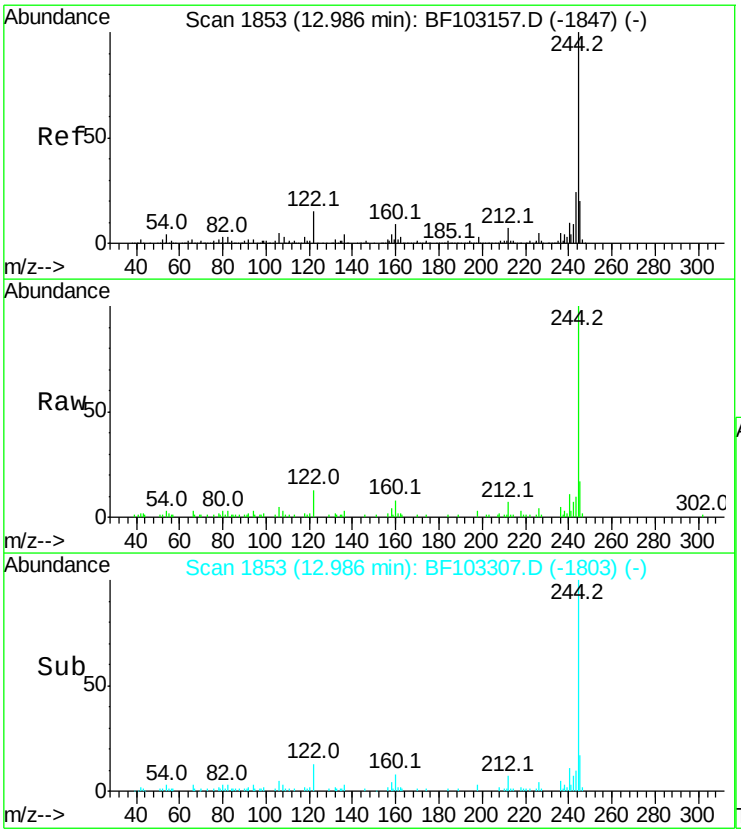
#77
Pyrene
Concen: 7.527 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 138134

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.2	14.3	21.5

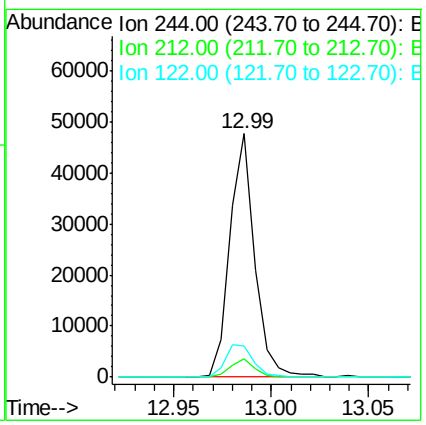


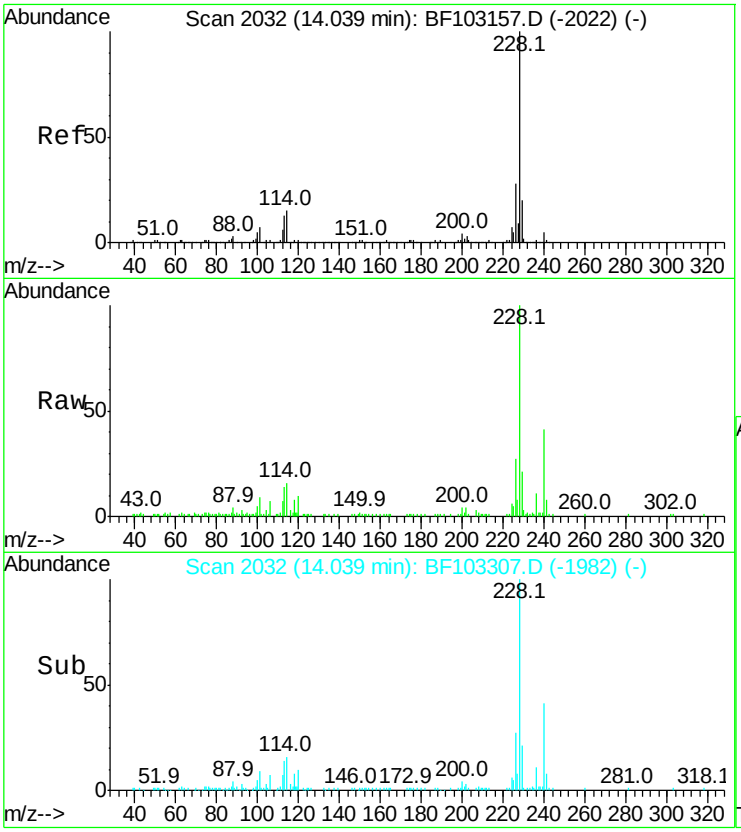


#78
Terphenyl-d14
Concen: 4.296 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Tgt Ion:244 Resp: 42065

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	13.0	11.0	16.4



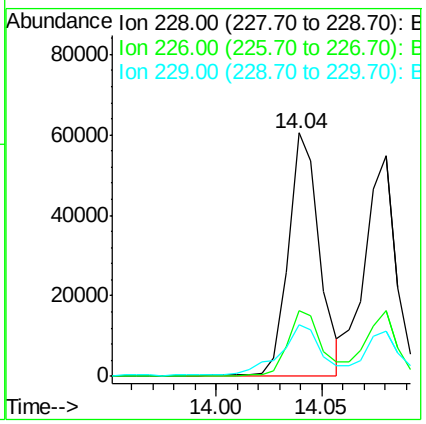


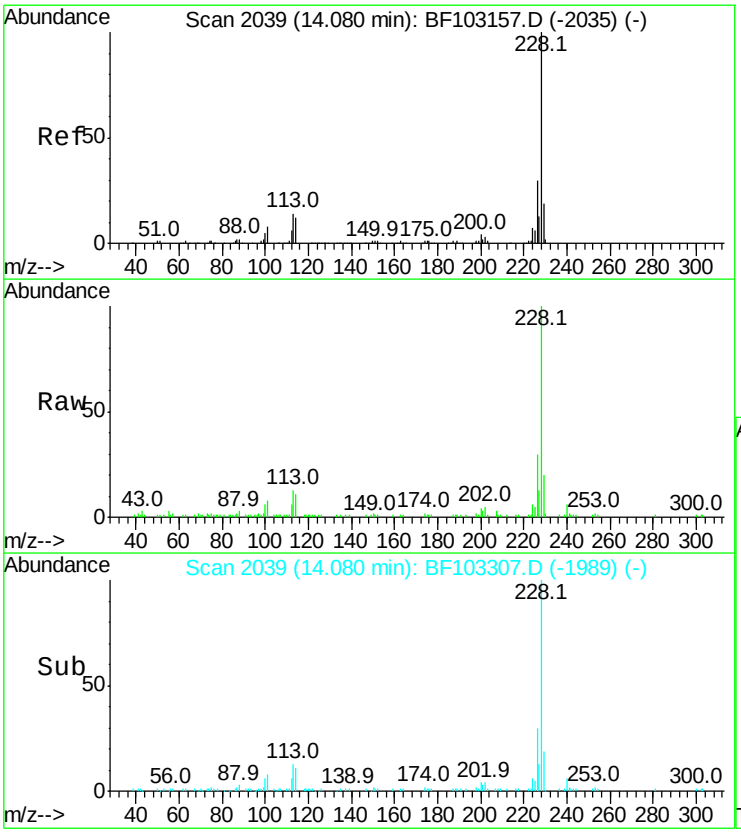
#80
Benzo(a)anthracene
Concen: 4.105 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 62696

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	21.1	15.8	23.6

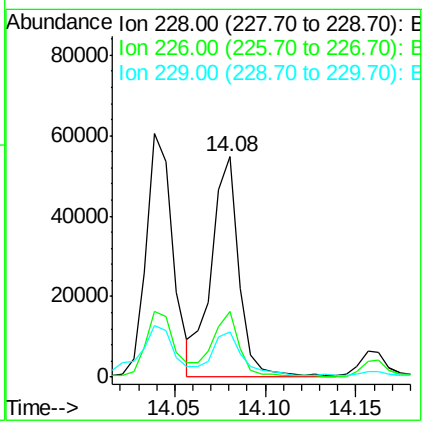


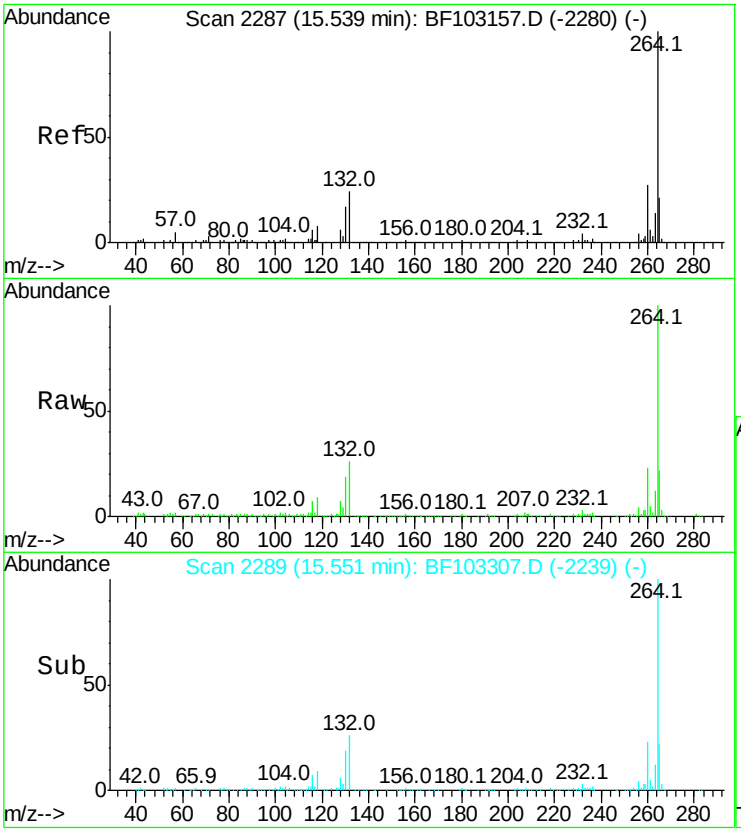


#82
Chrysene
Concen: 3.954 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Tgt Ion:228 Resp: 58629

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	20.2	16.2	24.4



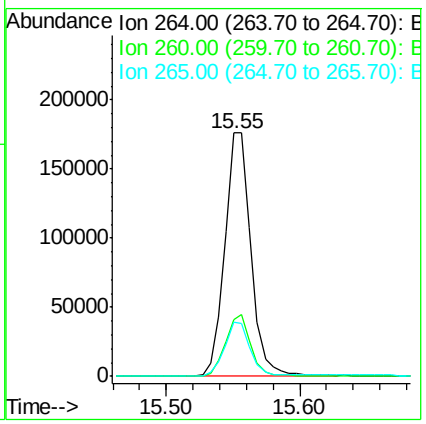


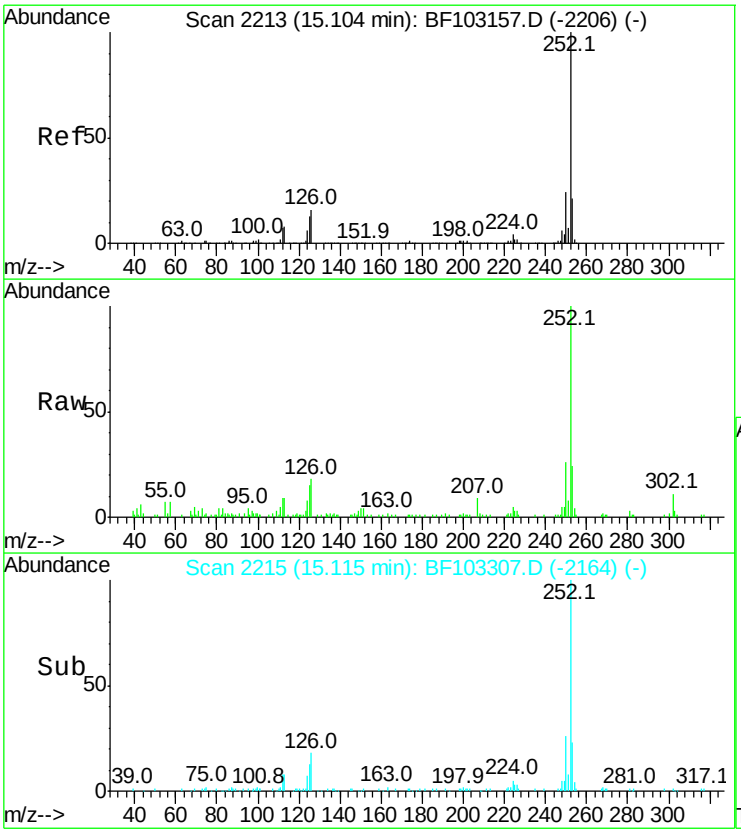
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 243927

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.1	17.5	26.3

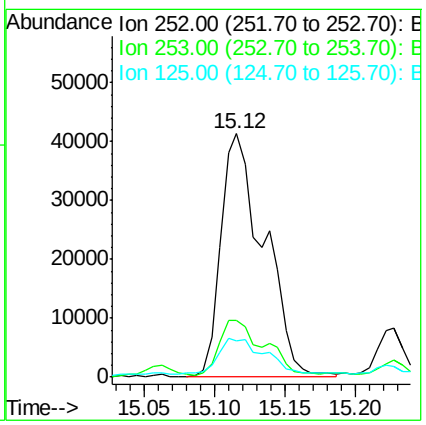


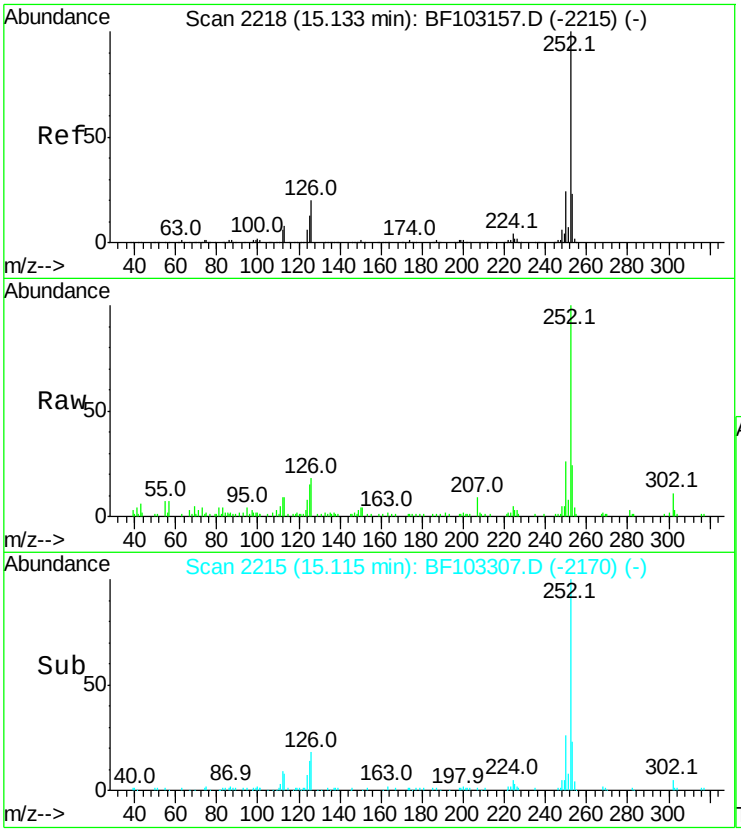


#87
Benzo(b)fluoranthene
Concen: 5.503 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Tgt Ion:252 Resp: 88259

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	15.1	9.0	13.6#



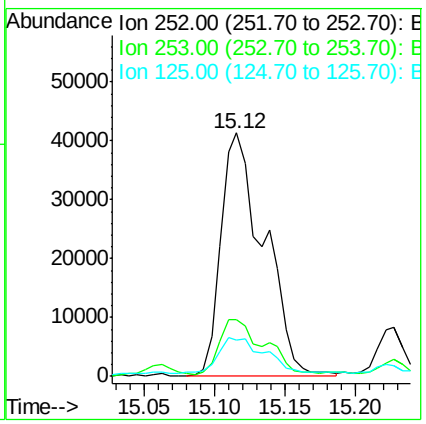


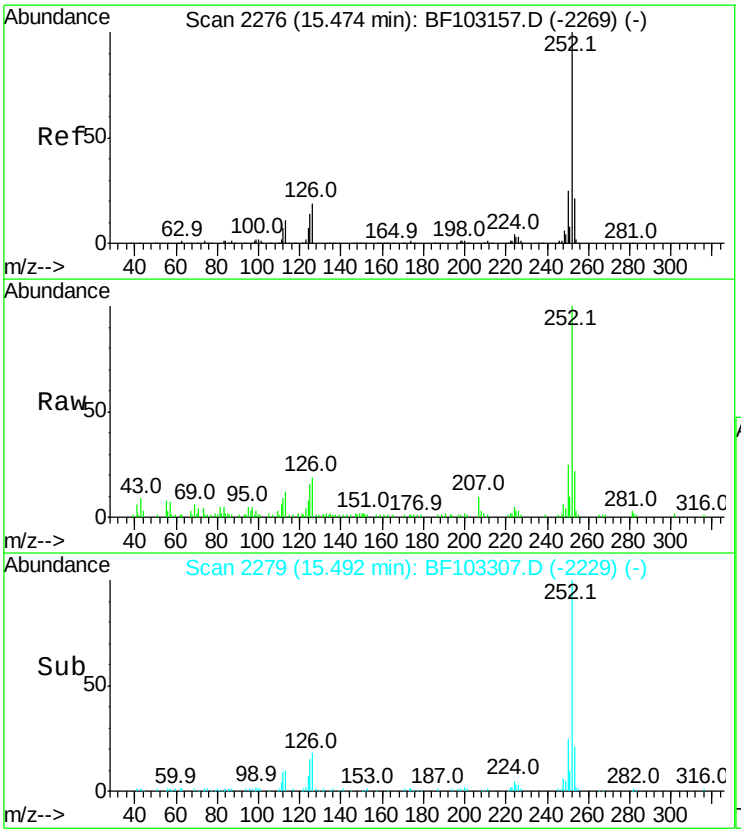
#88
Benzo(k)fluoranthene
Concen: 5.844 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.04 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 88259

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	15.1	10.2	15.2





#89
Benzo(a)pyrene
Concen: 3.494 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF103307.D
Acq: 28 Feb 2018 21:38

Tgt Ion:252 Resp: 50040

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	15.8	9.8	14.6#