Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103419.D
Acq On : 5 Mar 2018 20:03
Operator : SJ/JU
Sample : J1723-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 05 23:53:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 05 13:40:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	147786	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	620412	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	255555	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	375770	20.00	ng		0.00
75) Chrysene-d12	14.07	240	214514	20.00	ng		0.00
86) Perylene-d12	15.60	264	170191	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	917336	93.88	ng		0.00
7) Phenol-d6	6.52	99	1098557	91.88	ng		0.00
23) Nitrobenzene-d5	7.44	82	679524	62.55	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	141158	65.26	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	936552	58.49	ng		0.00
78) Terphenyl-d14	13.00	244	609708	68.32	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.46	77	2252	Below Cal		#	1
10) Phenol	6.53	94	31687	2.283	ng	#	34
19) n-Nitroso-di-n-propylamine	7.44	70	91521	12.299	ng	#	83
25) Isophorone	7.44	82	679524	31.759	ng	#	64
32) Benzoic acid	7.98	122	534	6.985	ng	#	76
49) Dimethylphthalate	9.62	163	81747	3.987	ng	#	99
51) Acenaphthene	9.95	154	30577	2.012	ng		97
64) 4,6-Dinitro-2-methylphenol	10.71	198	288	5.058	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	9779	2.498	ng	#	1
70) Phenanthrene	11.43	178	419760	20.298	ng		99
71) Anthracene	11.49	178	131010	6.178	ng		99
72) Carbazole	11.65	167	48682	2.305	ng		98
74) Fluoranthene	12.64	202	1030436	49.586	ng		99
77) Pyrene	12.87	202	1012289	60.526	ng		100
80) Benzo(a)anthracene	14.06	228	515504	37.037	ng		97
82) Chrysene	14.10	228	452278	33.466	ng		97
85) Indeno(1,2,3-cd)pyrene	17.15	276	155986	14.579	ng		95
87) Benzo(b)fluoranthene	15.15	252	596370	53.295	ng	#	90
88) Benzo(k)fluoranthene	15.15	252	596370	56.597	ng	#	93
89) Benzo(a)pyrene	15.53	252	307178	30.741	ng	#	93
90) Dibenzo(a,h)anthracene	17.15	278	45731	5.923	ng	#	75
91) Benzo(g,h,i)perylene	17.63	276	151646	20.095	ng		96

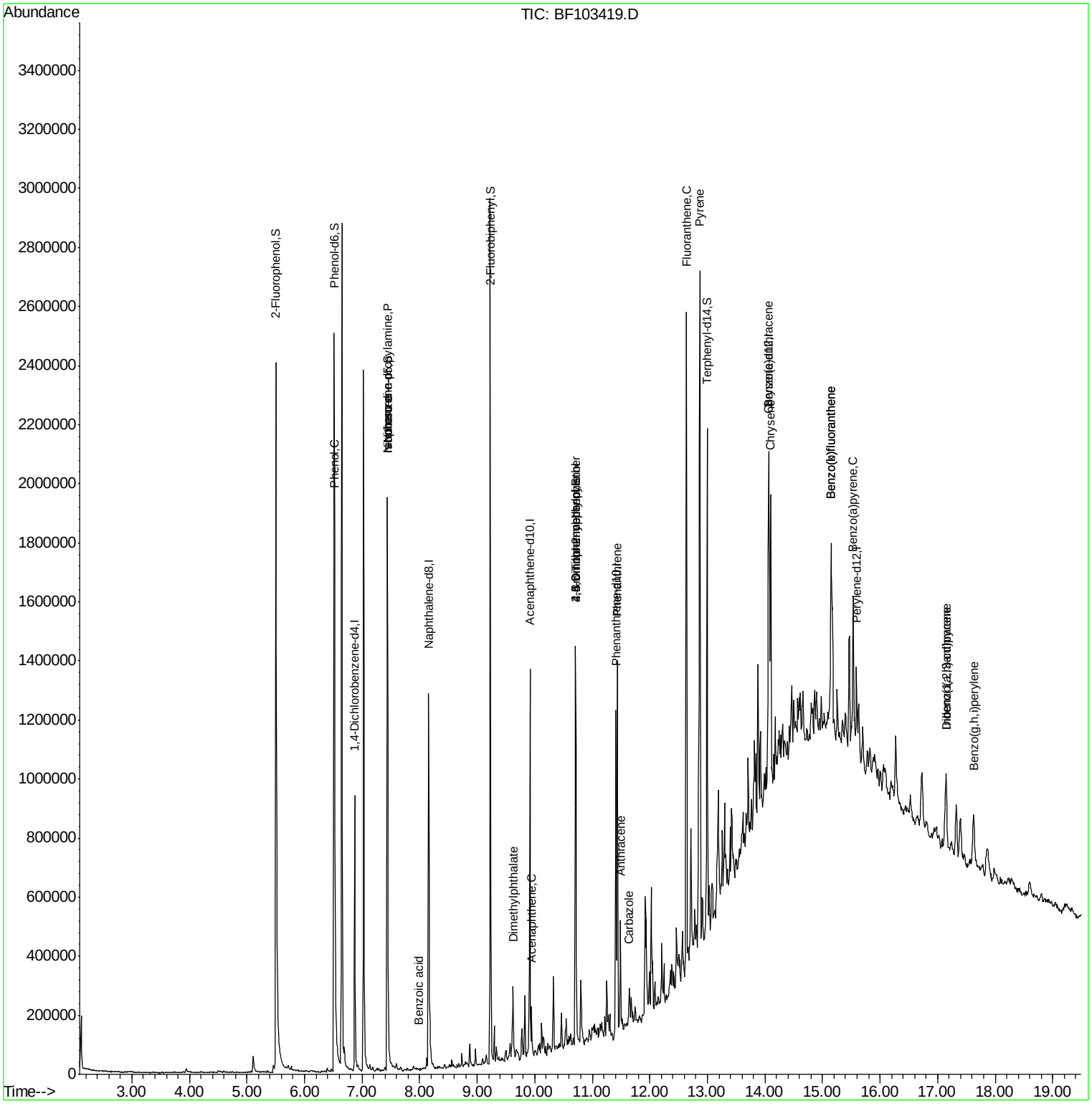
(#) = qualifier out of range (m) = manual integration (+) = signals summed

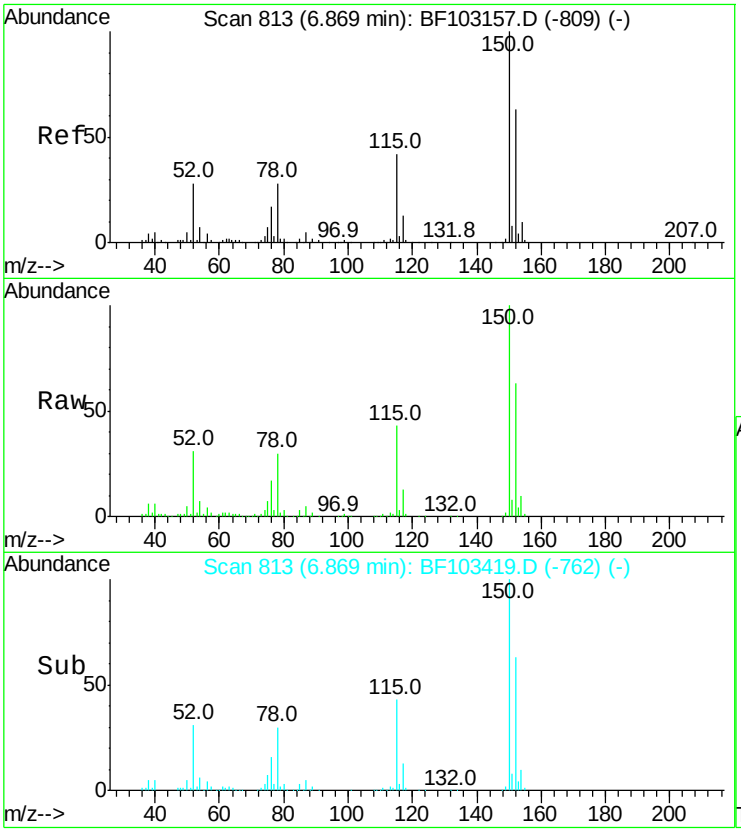
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103419.D
Acq On : 5 Mar 2018 20:03
Operator : SJ/JU
Sample : J1723-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 05 23:53:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 05 13:40:47 2018
Response via : Initial Calibration



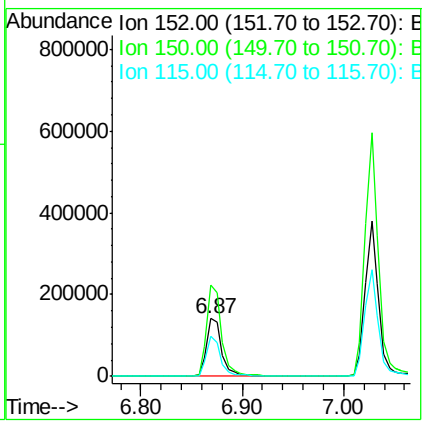


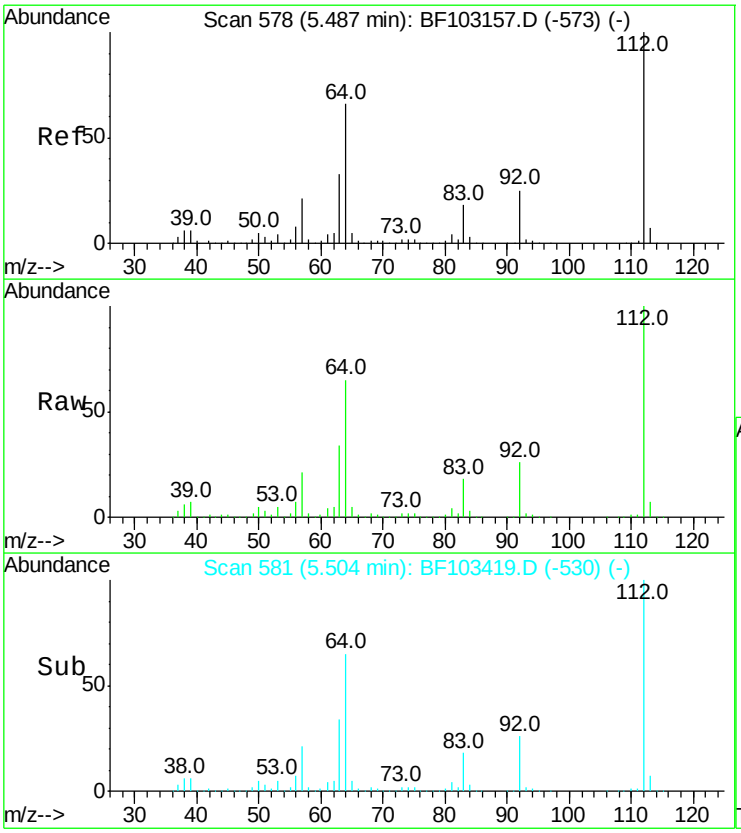
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 147786

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	68.3	50.1	75.1

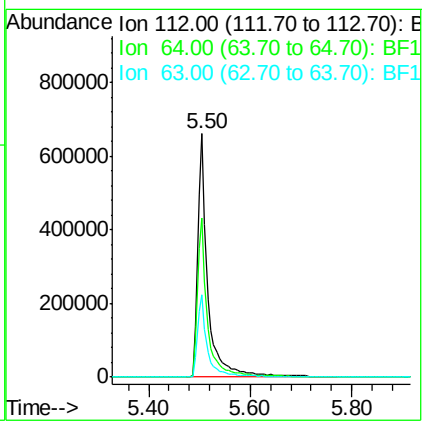


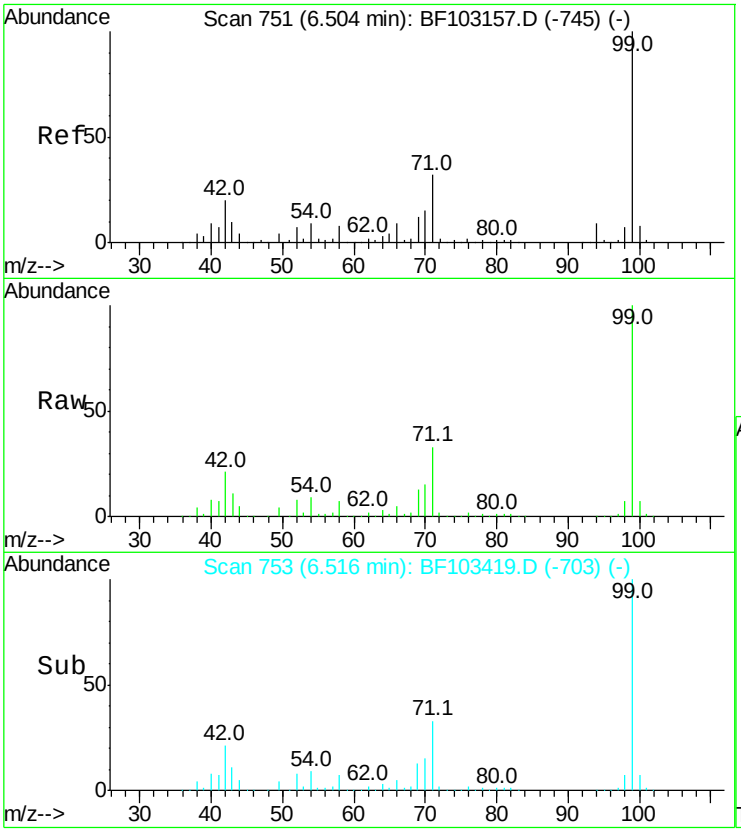


#5
2-Fluorophenol
Concen: 93.879 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Tgt Ion:112 Resp: 917336

Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.9	71.9
63	33.9	23.7	35.5



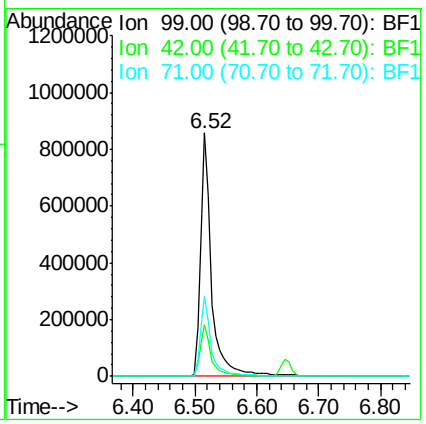


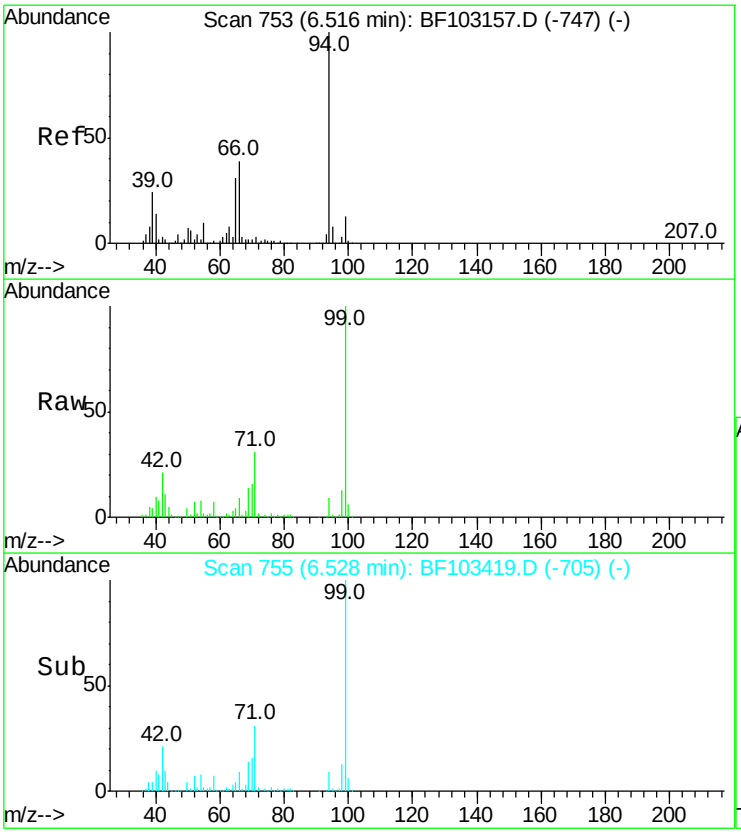
#7
Phenol-d6
Concen: 91.877 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1098557

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.5	21.7
71	32.9	25.4	38.0

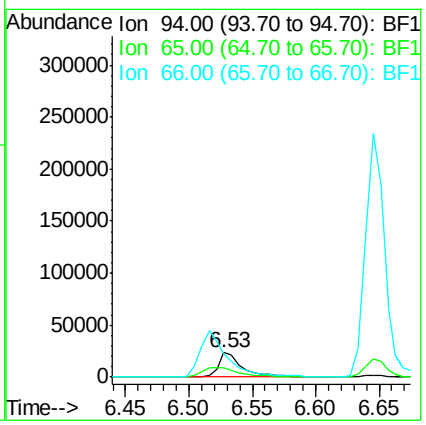


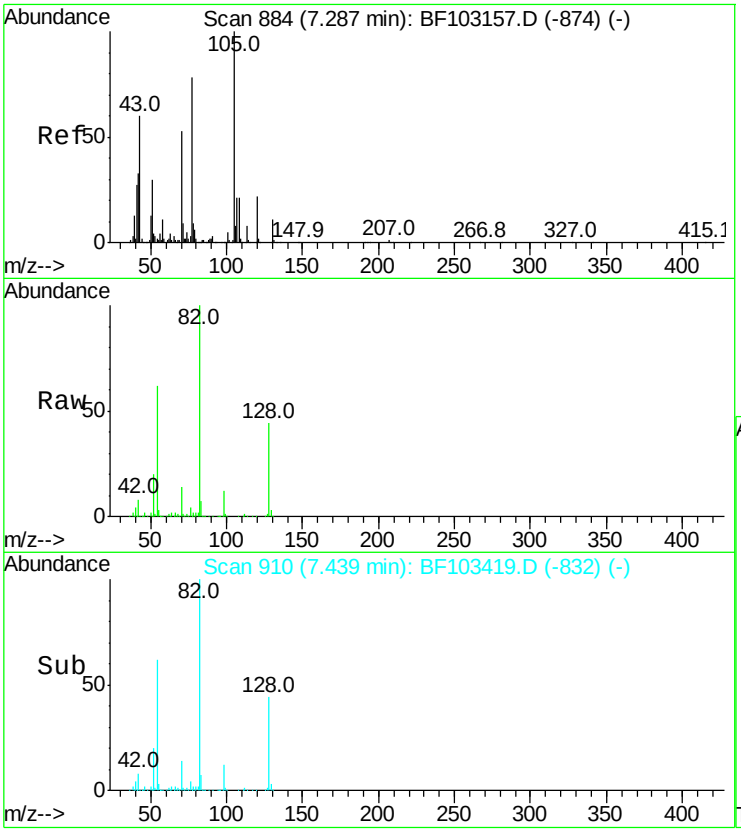


#10
Phenol
Concen: 2.283 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Tgt Ion: 94 Resp: 31687

Ion	Ratio	Lower	Upper
94	100		
65	38.8	7.9	47.9
66	95.5	16.2	56.2#



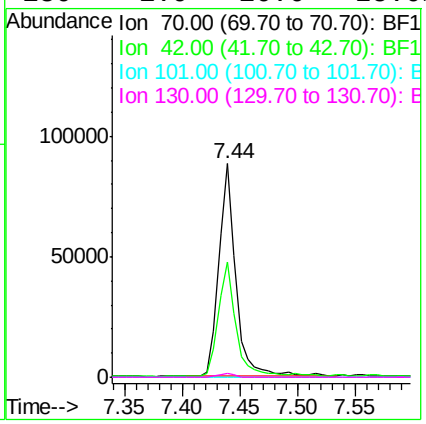


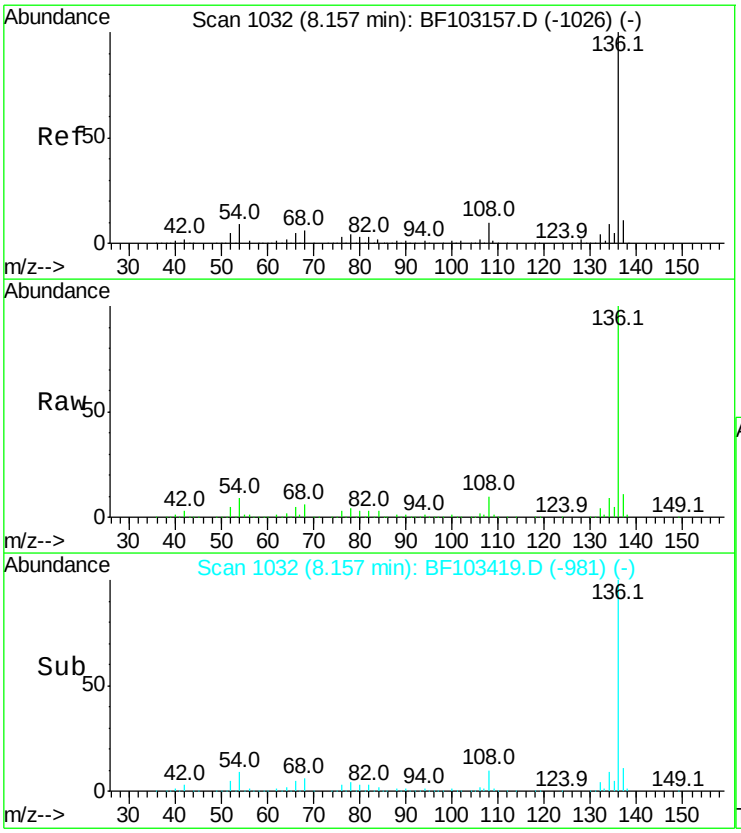
#19
n-Nitroso-di-n-propylamine
Concen: 12.299 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.16 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 91521

Ion	Ratio	Lower	Upper
70	100		
42	54.2	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

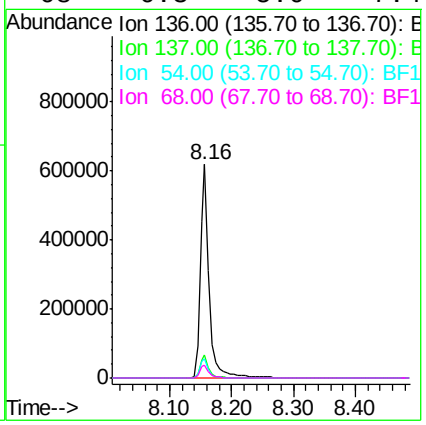


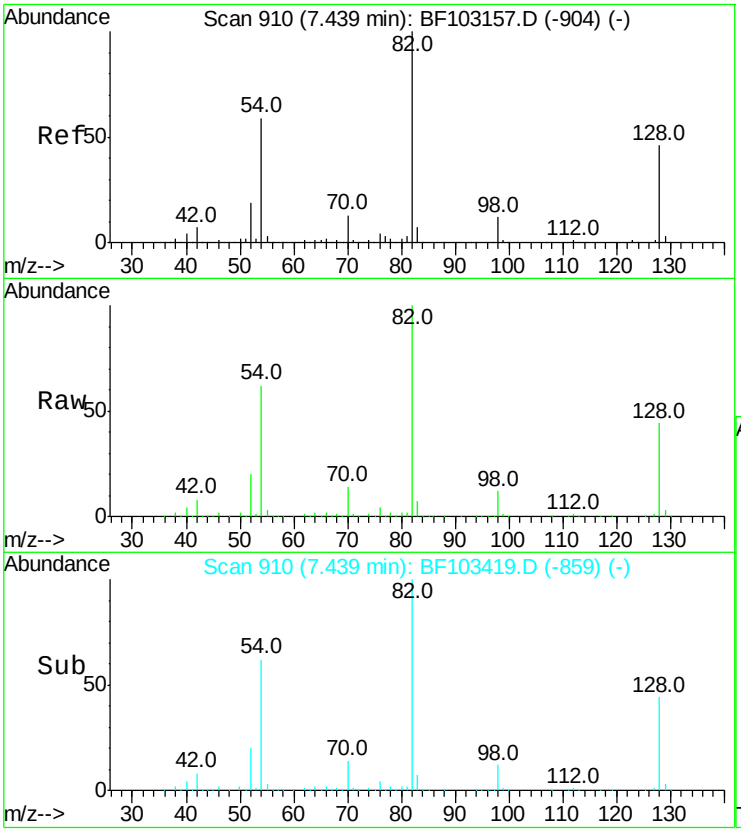


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Tgt Ion:136 Resp: 620412

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.0	6.6	9.8
68	6.3	5.0	7.4



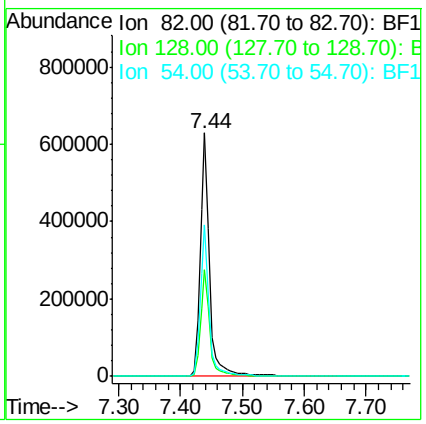


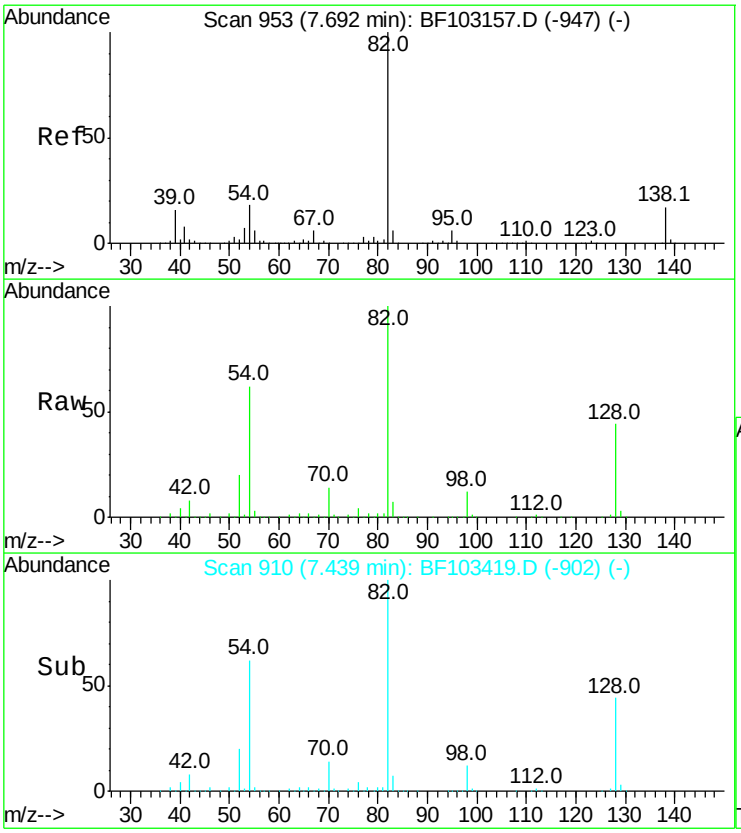
#23
Nitrobenzene-d5
Concen: 62.550 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 679524

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	62.4	41.4	62.2#

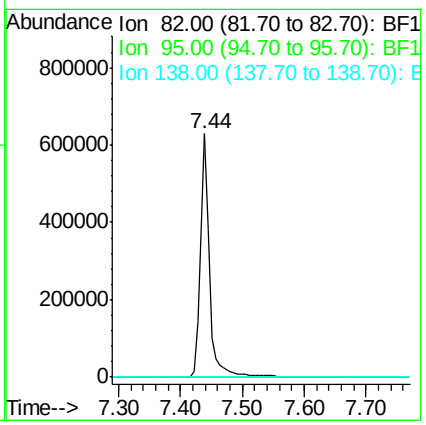


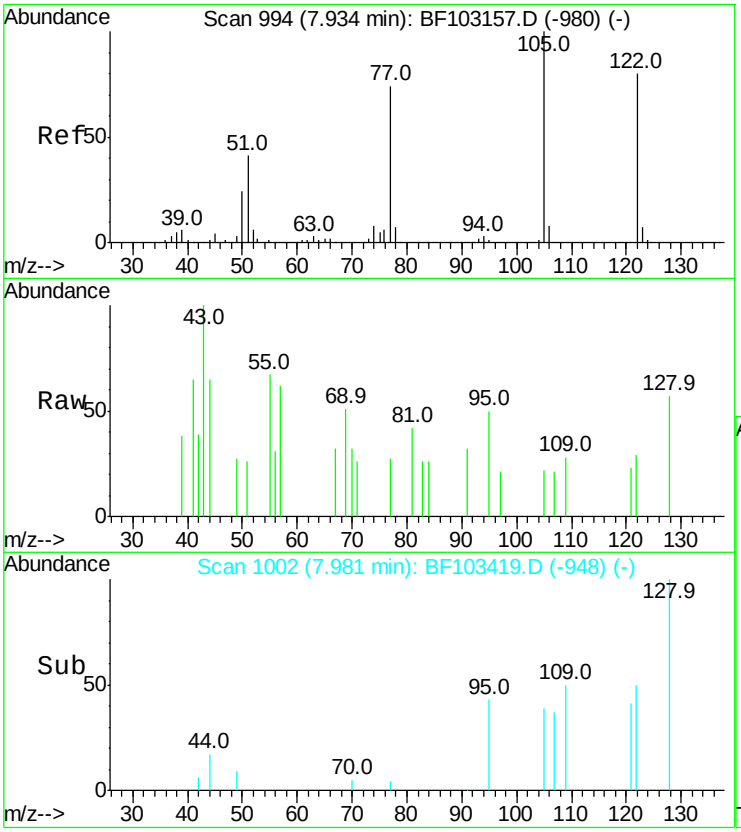


#25
Isophorone
Concen: 31.759 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.25 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Tgt Ion: 82 Resp: 679524

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



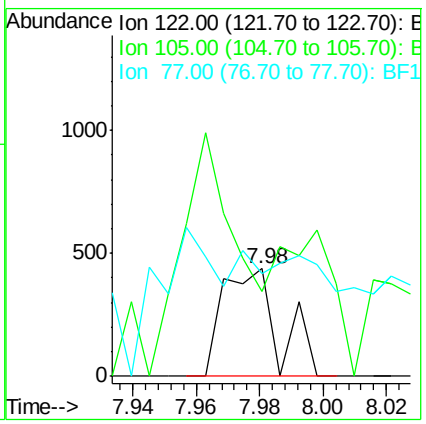


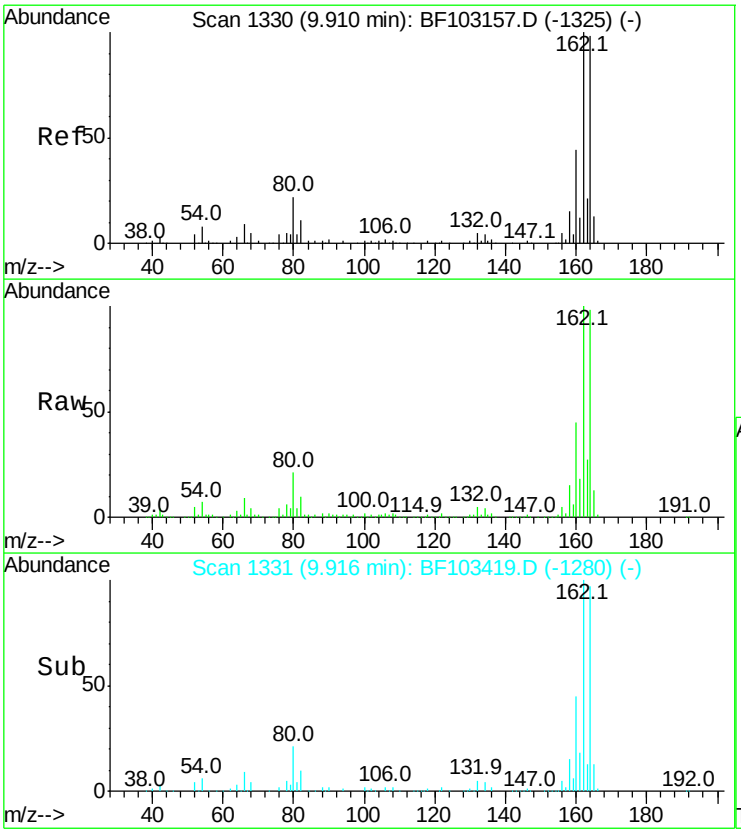
#32
Benzoic acid
Concen: 6.985 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.02 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 534

Ion	Ratio	Lower	Upper
122	100		
105	78.5	101.1	141.1#
77	96.1	70.7	110.7

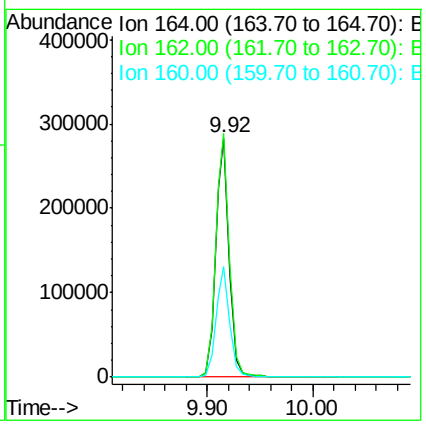


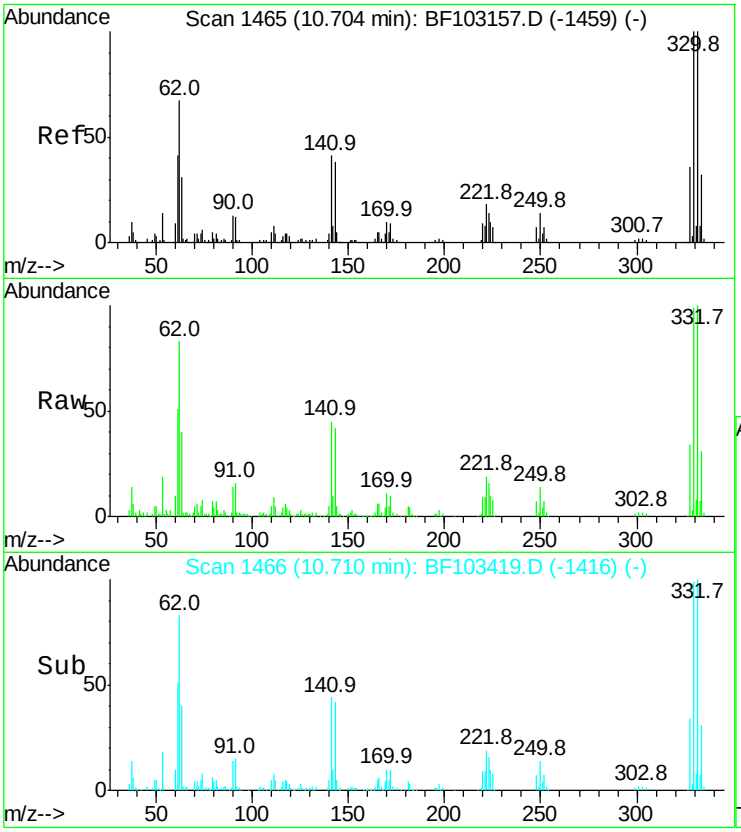


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Tgt Ion:164 Resp: 255555

Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	46.2	38.3	57.5



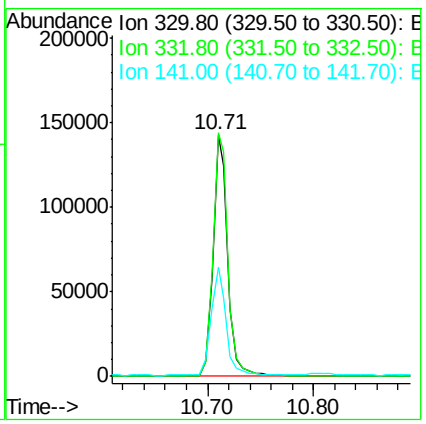


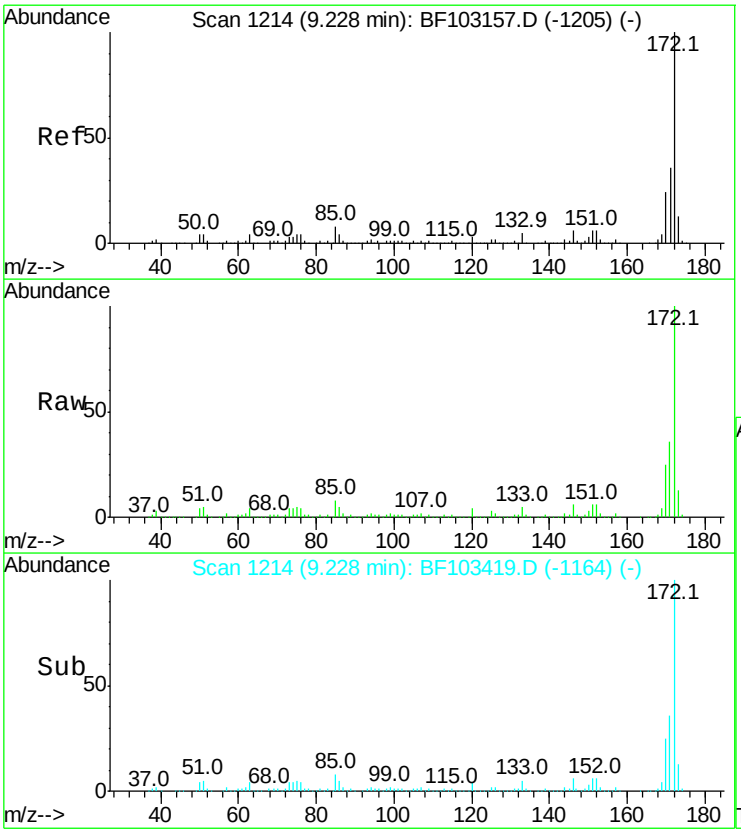
#41
2,4,6-Tribromophenol
Concen: 65.256 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 141158

Ion	Ratio	Lower	Upper
330	100		
332	103.0	77.0	115.6
141	45.6	29.9	44.9#

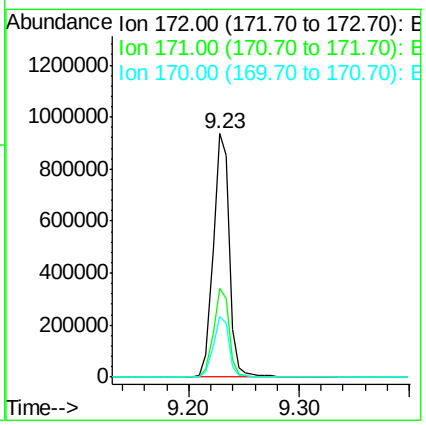


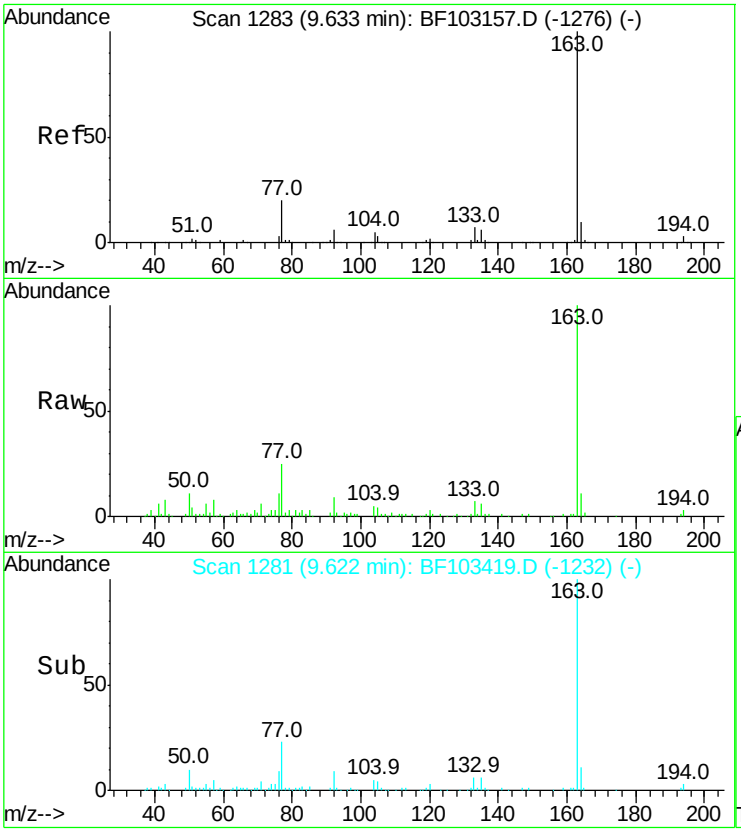


#44
2-Fluorobiphenyl
Concen: 58.487 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Tgt Ion:172 Resp: 936552

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.8	19.6	29.4



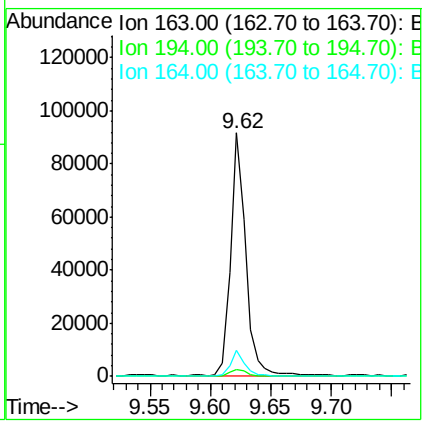


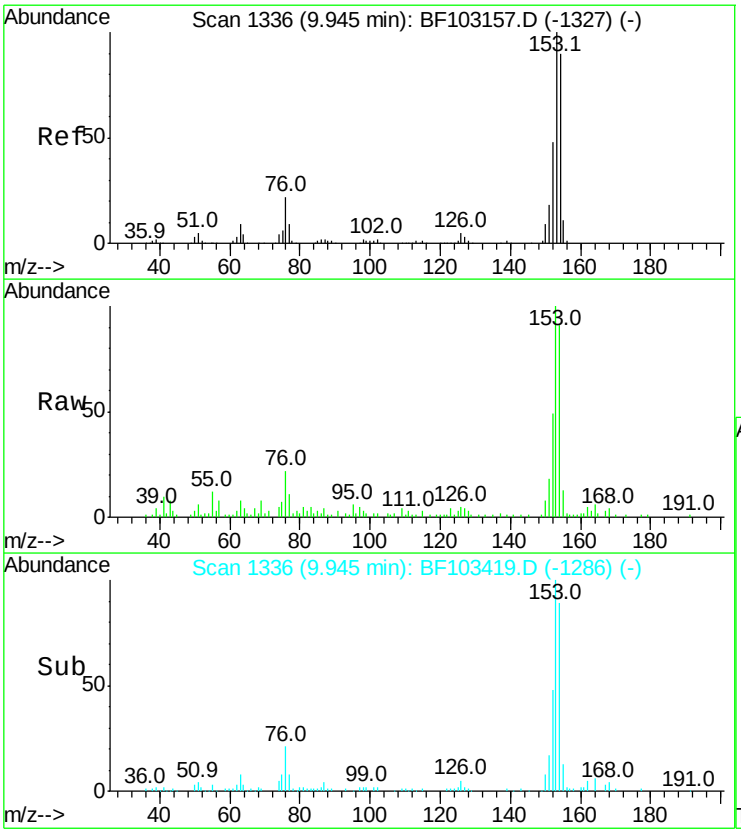
#49
Dimethylphthalate
Concen: 3.987 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 81747

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.7	4.1#
164	10.6	8.2	12.2

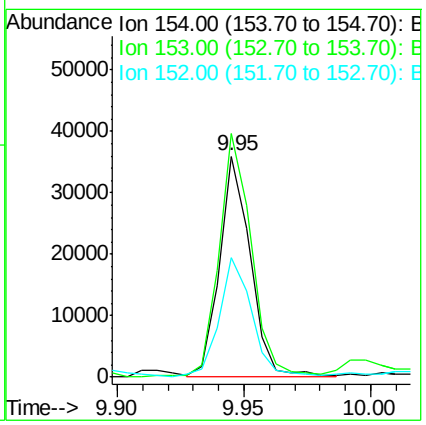


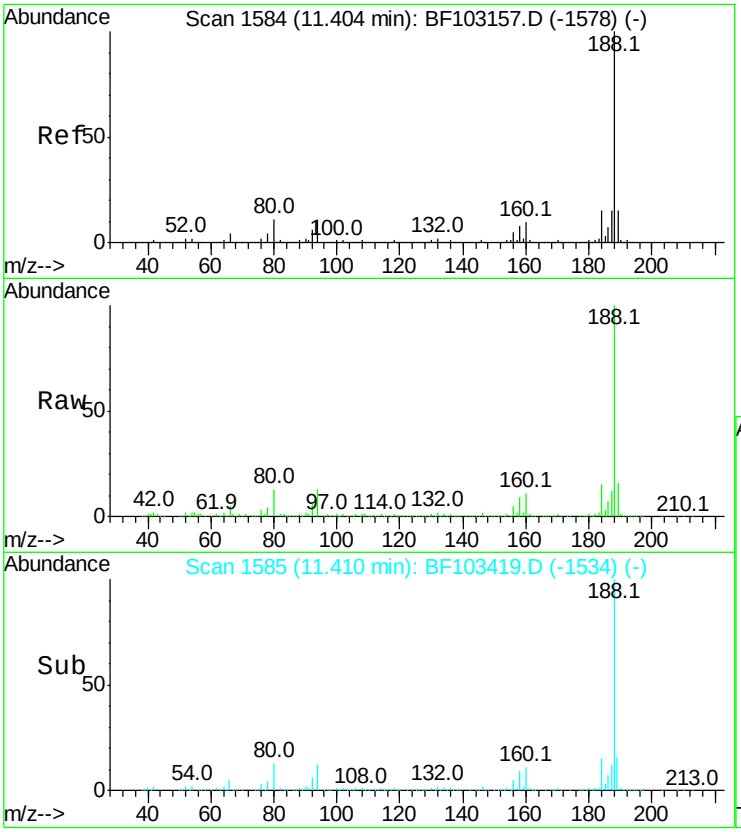


#51
Acenaphthene
Concen: 2.012 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Tgt Ion:154 Resp: 30577

Ion	Ratio	Lower	Upper
154	100		
153	110.1	91.2	136.8
152	54.2	43.8	65.8



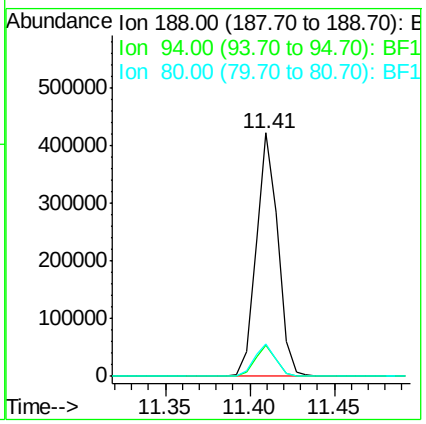


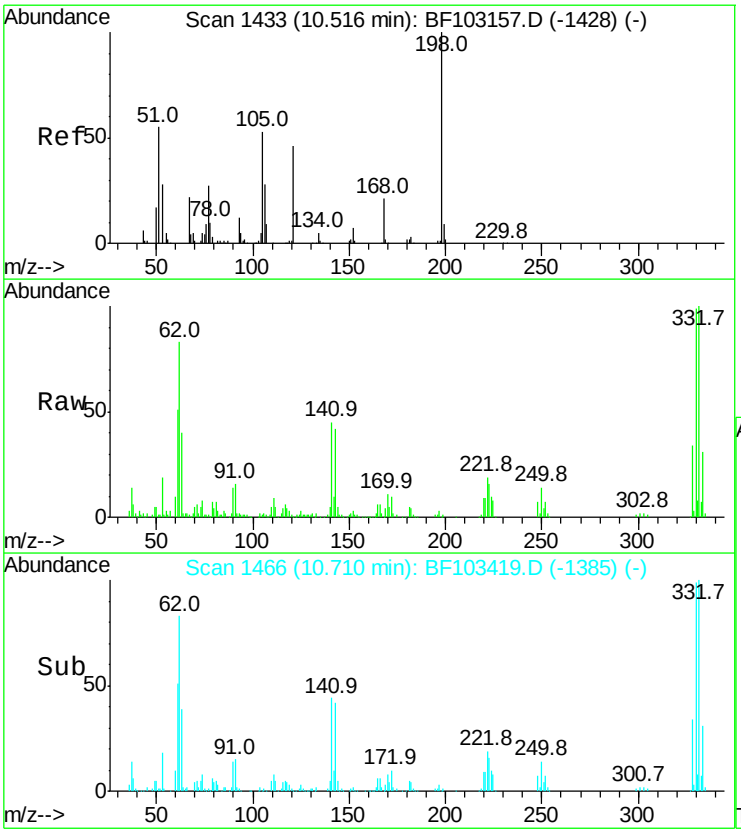
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 375770

Ion	Ratio	Lower	Upper
188	100		
94	12.6	8.5	12.7
80	13.2	9.2	13.8

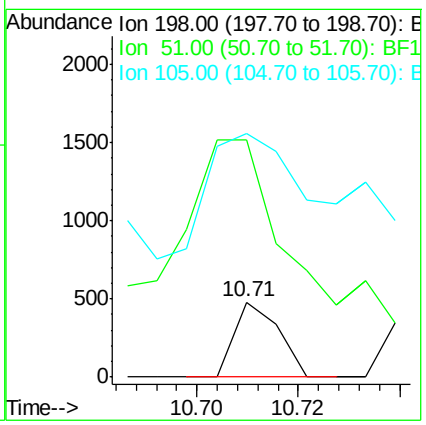


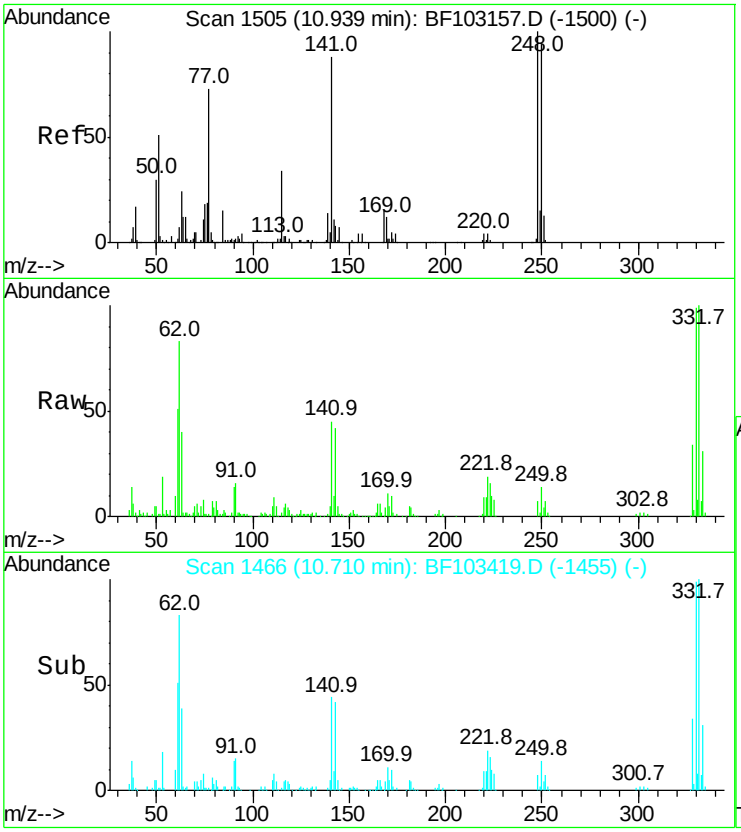


#64
4,6-Dinitro-2-methylphenol
Concen: 5.058 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.18 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Tgt Ion:198 Resp: 288

Ion	Ratio	Lower	Upper
198	100		
51	315.6	37.7	77.7#
105	324.4	36.3	76.3#



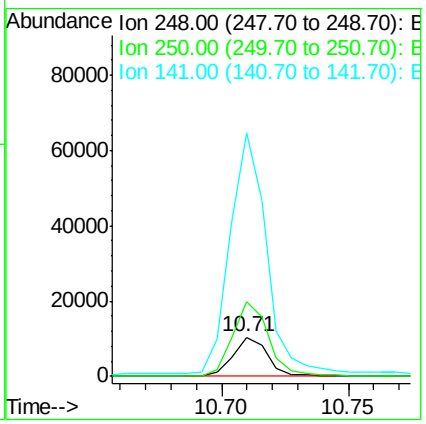


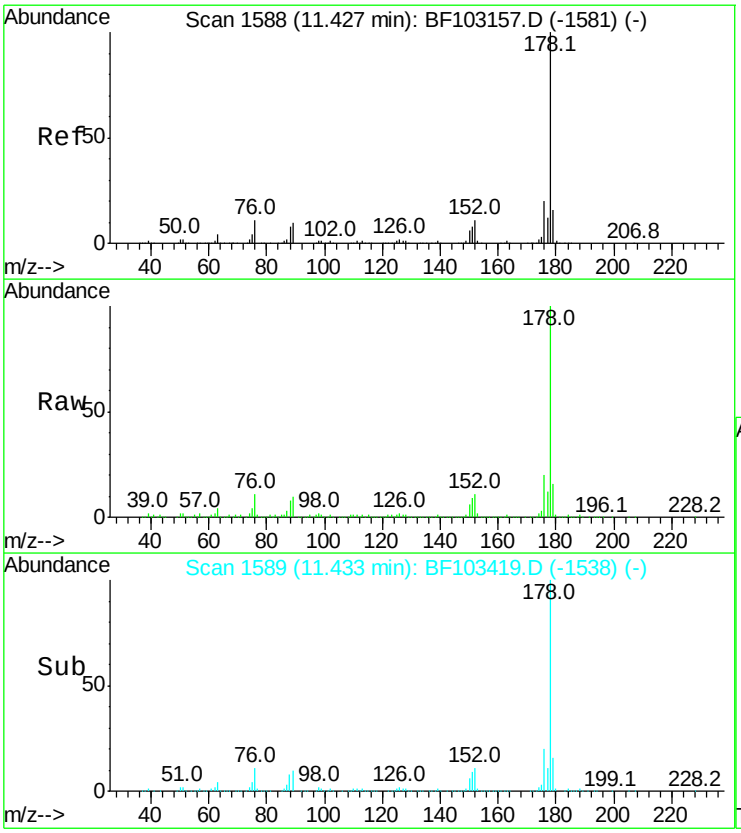
#66
4-Bromophenyl-phenylether
Concen: 2.498 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9779

Ion	Ratio	Lower	Upper
248	100		
250	190.8	76.9	115.3#
141	623.0	74.4	111.6#

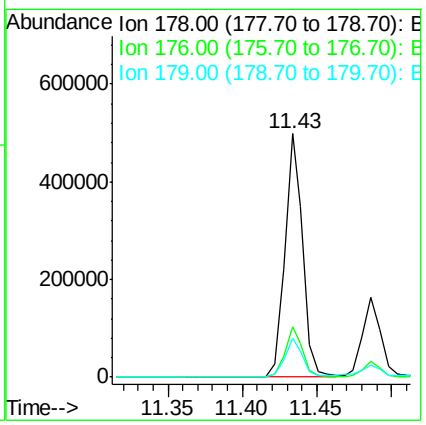


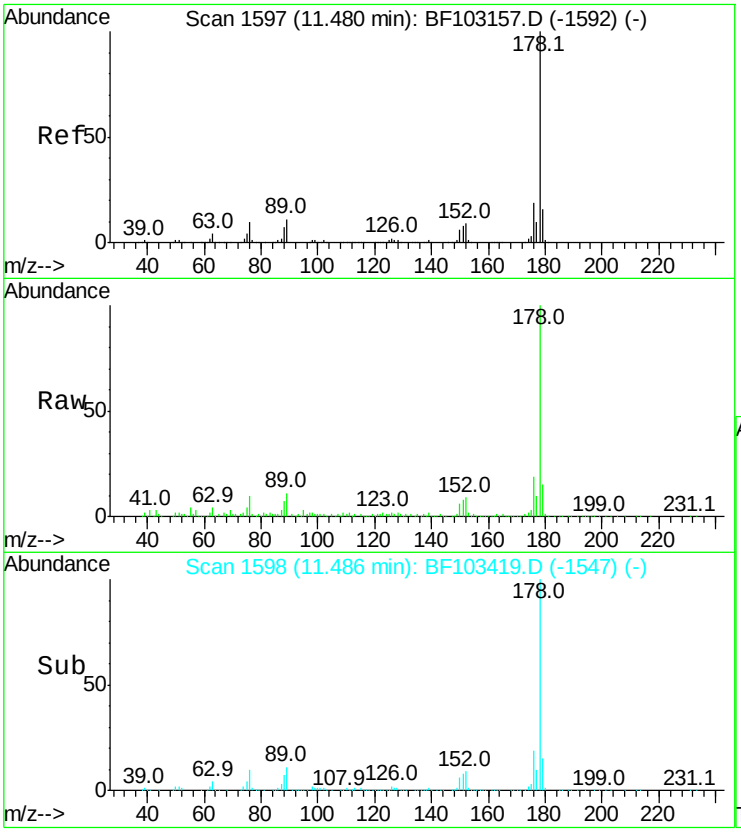


#70
Phenanthrene
Concen: 20.298 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Tgt Ion:178 Resp: 419760

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	16.0	13.0	19.6



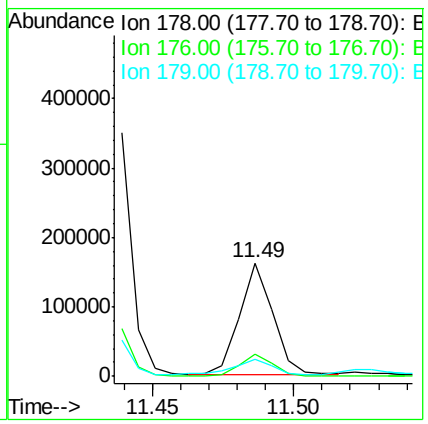


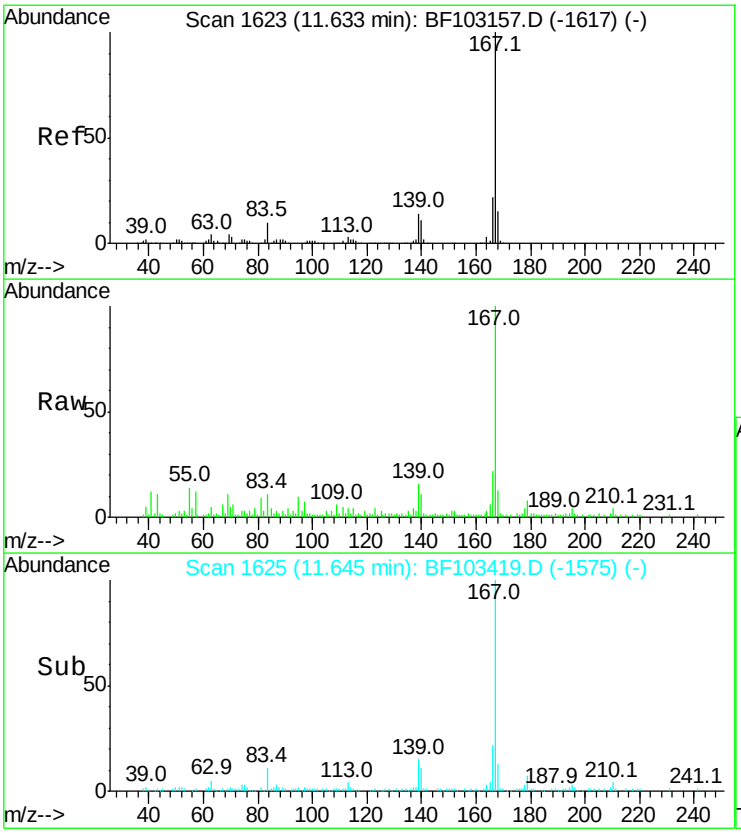
#71
Anthracene
Concen: 6.178 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 131010

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

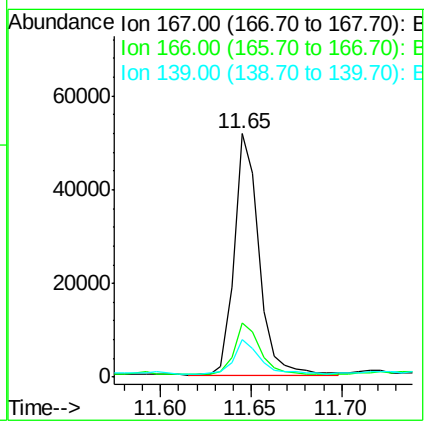


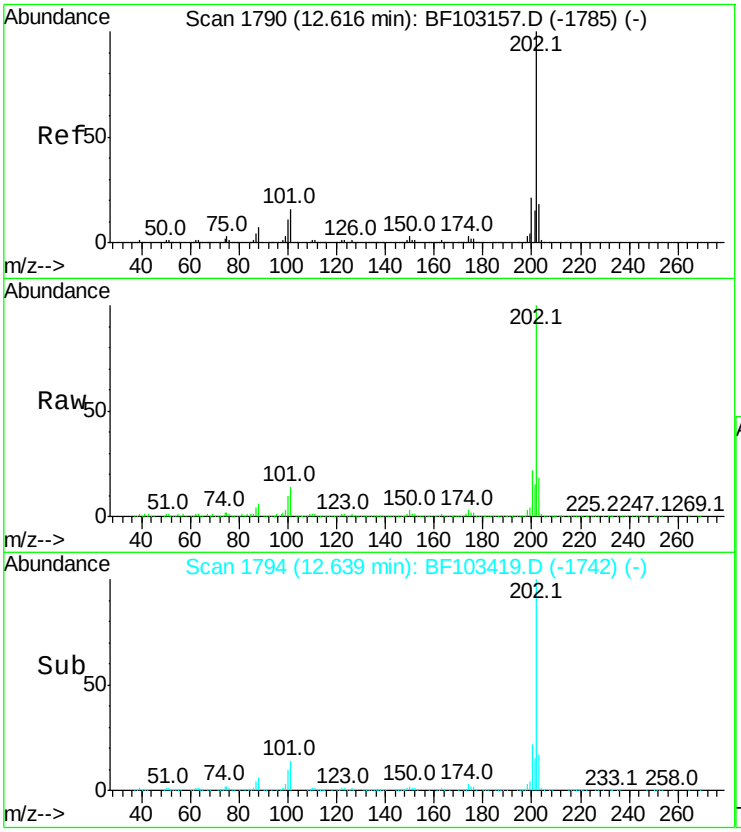


#72
Carbazole
Concen: 2.305 ng
RT: 11.65 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Tgt Ion:167 Resp: 48682

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	15.6	10.9	16.3



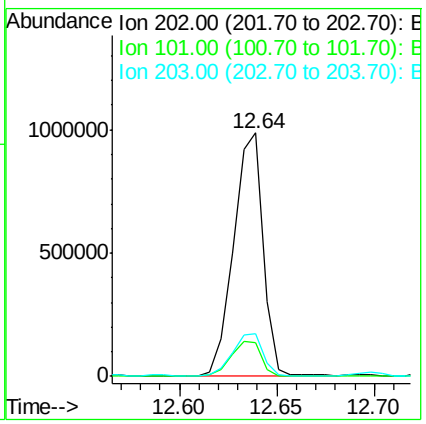


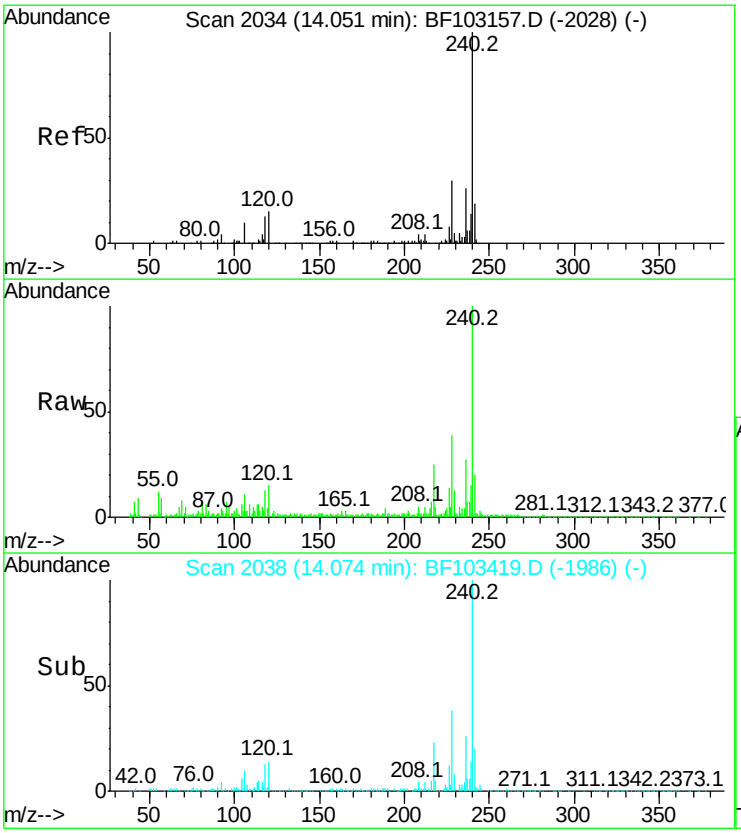
#74
Fluoranthene
Concen: 49.586 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1030436

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.1
203	17.5	0.0	38.1

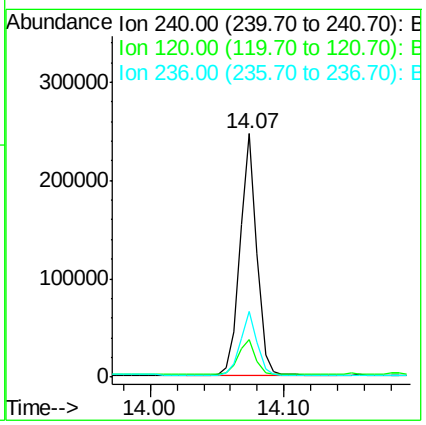


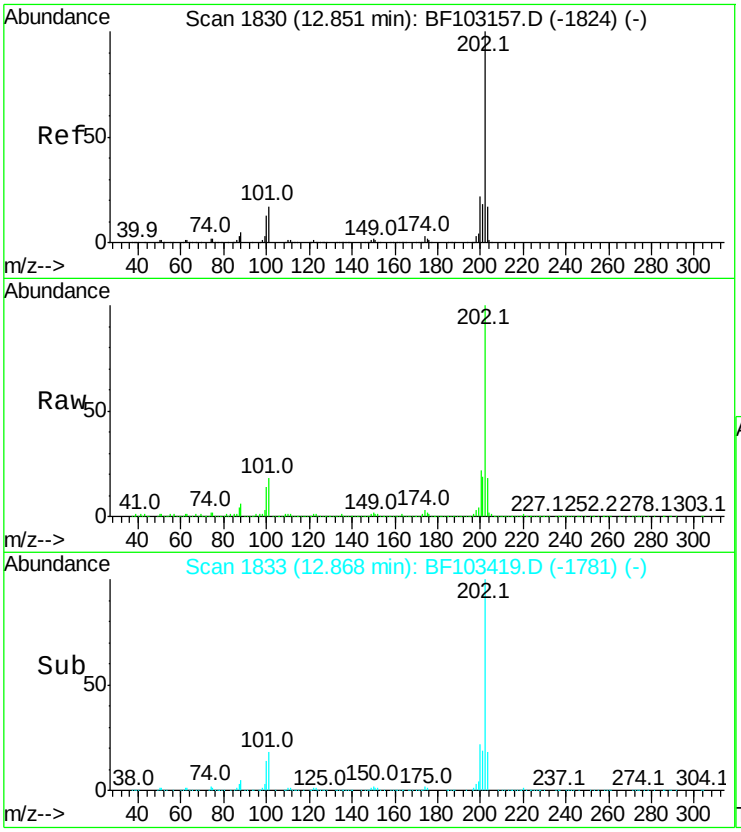


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.01 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Tgt Ion:240 Resp: 214514

Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.5	14.3#
236	27.0	20.7	31.1



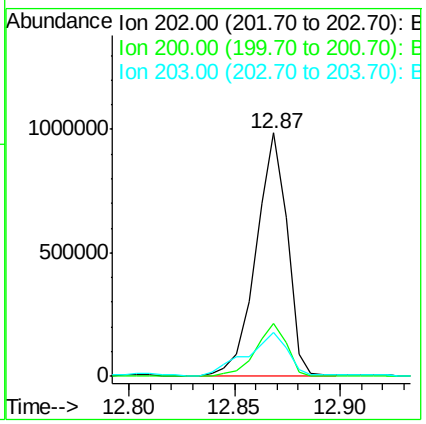


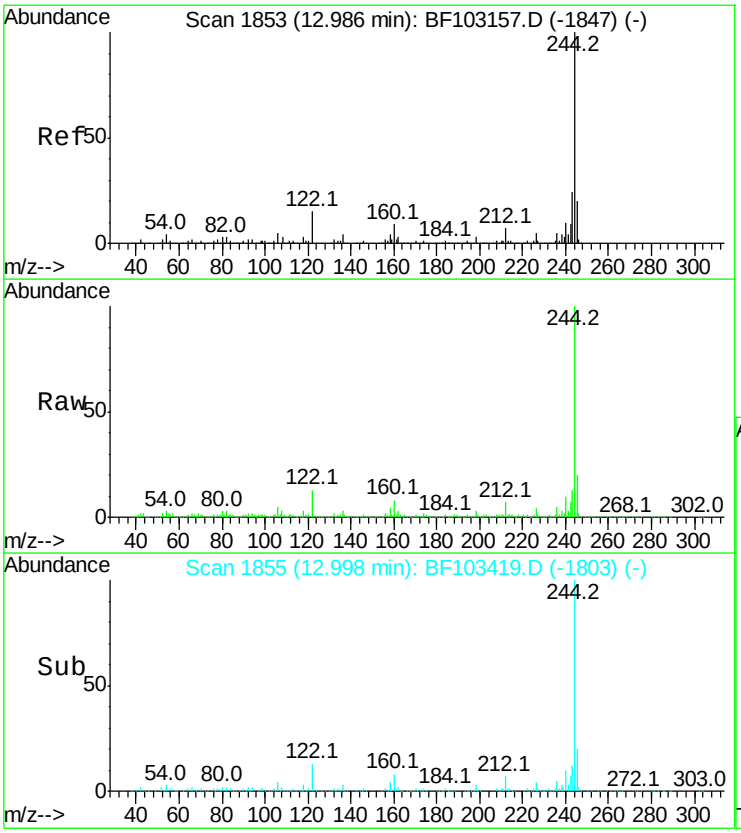
#77
Pyrene
Concen: 60.526 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1012289

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.1	14.3	21.5

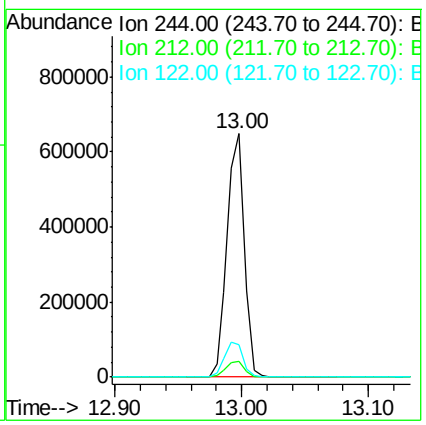


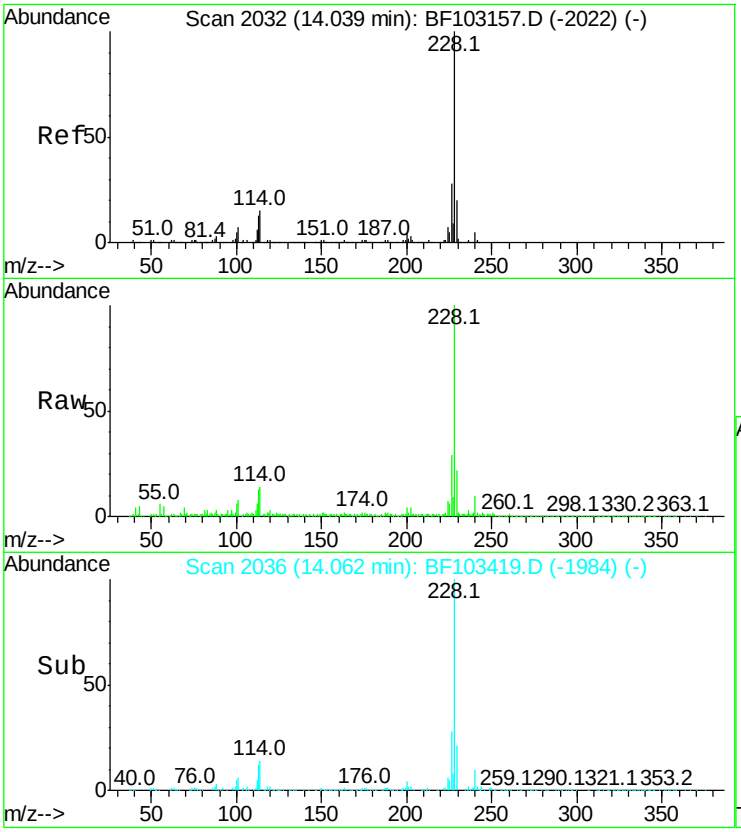


#78
Terphenyl-d14
Concen: 68.325 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Tgt Ion:244 Resp: 609708

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.3	11.0	16.4



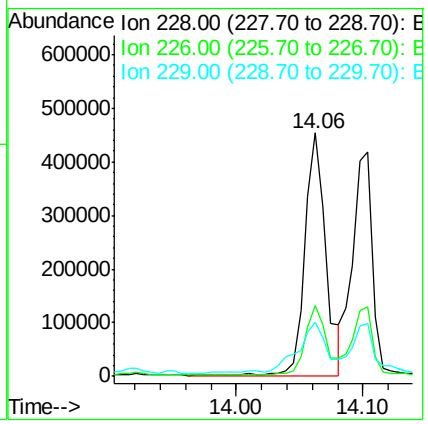


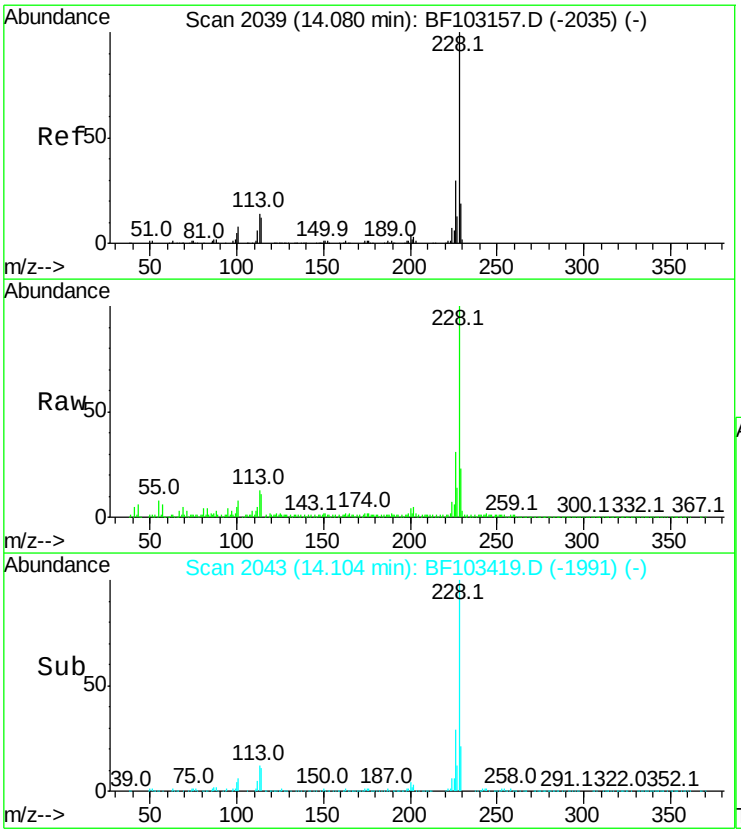
#80
Benzo(a)anthracene
Concen: 37.037 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 515504

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

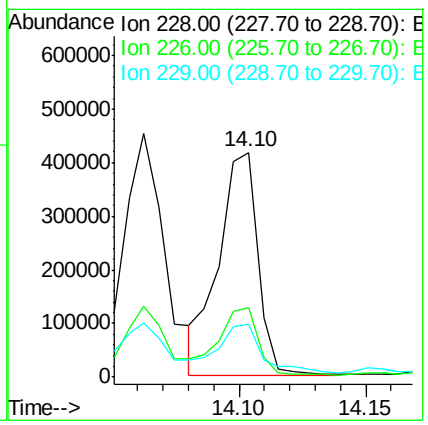


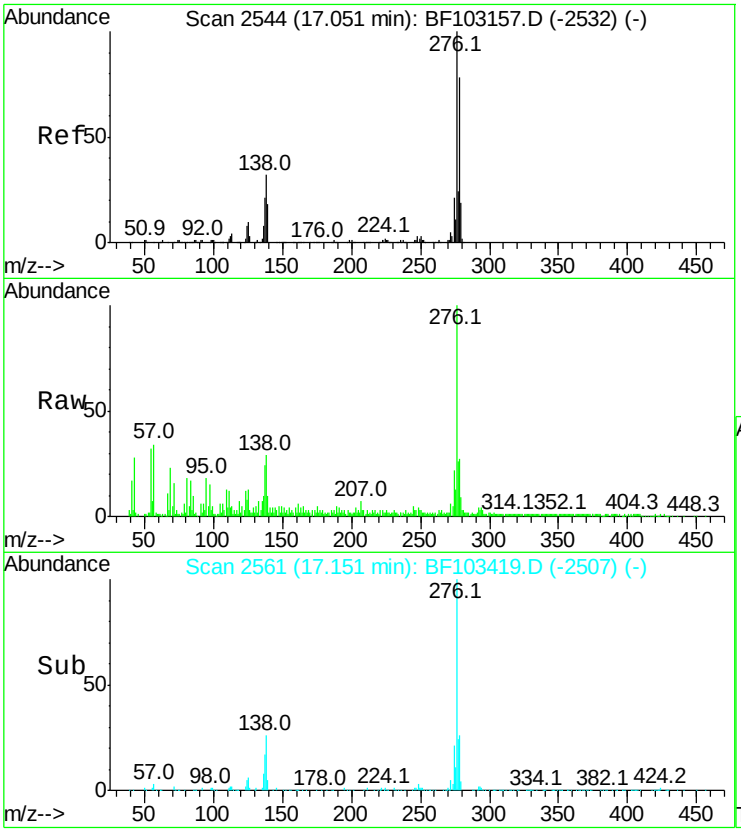


#82
Chrysene
Concen: 33.466 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Tgt Ion:228 Resp: 452278

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	23.4	16.2	24.4



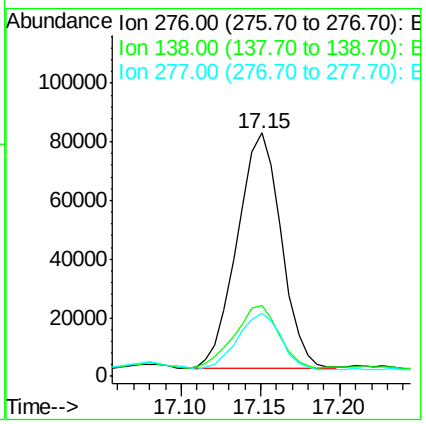


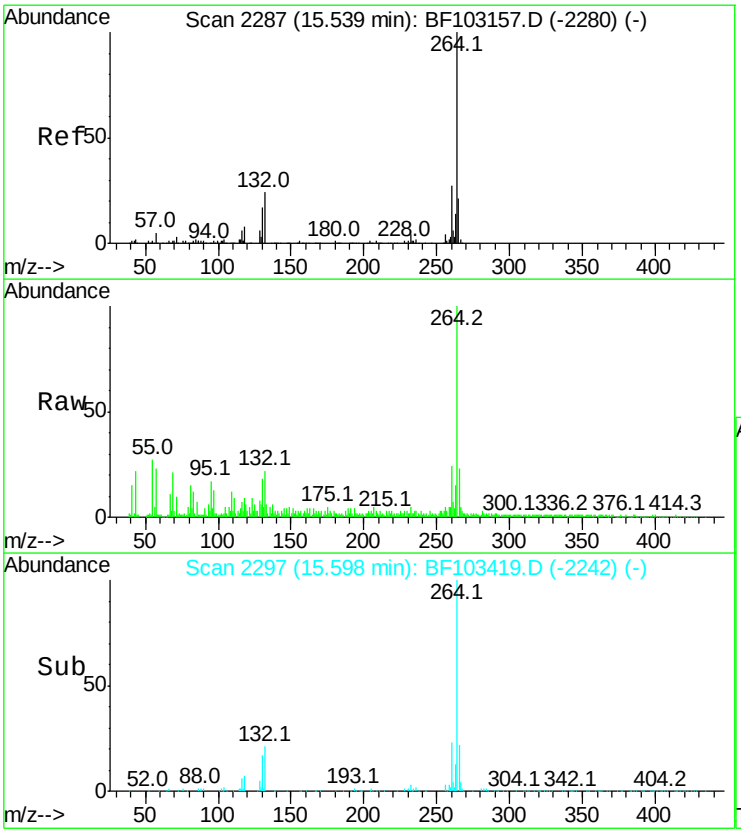
#85
Indeno(1,2,3-cd)pyrene
Concen: 14.579 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.02 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 155986

Ion	Ratio	Lower	Upper
276	100		
138	27.9	25.0	37.6
277	23.9	20.1	30.1

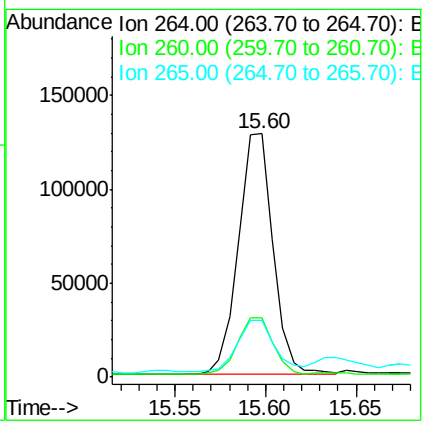


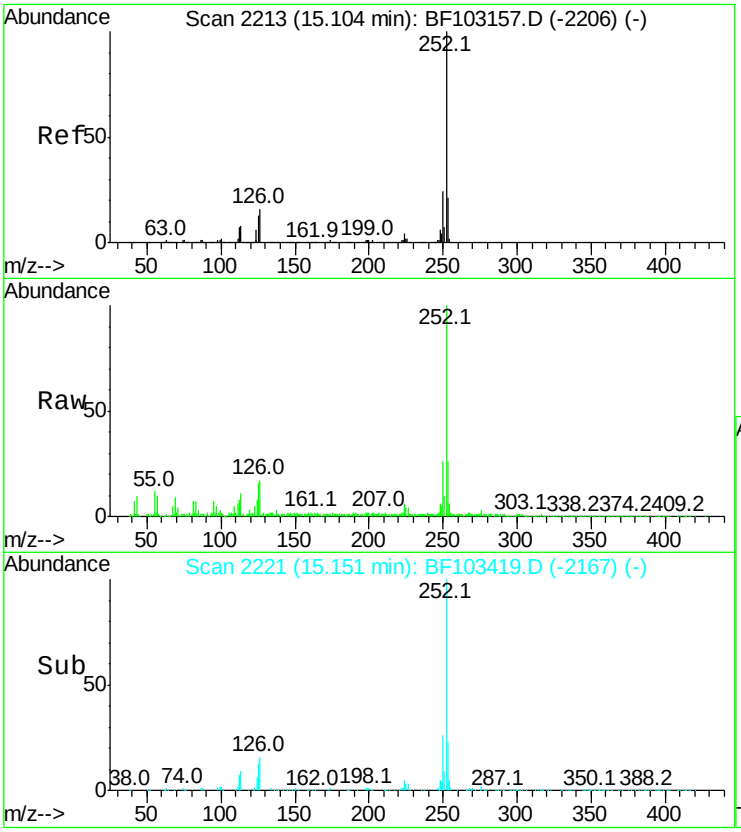


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.02 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Tgt Ion:264 Resp: 170191

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	23.4	17.5	26.3



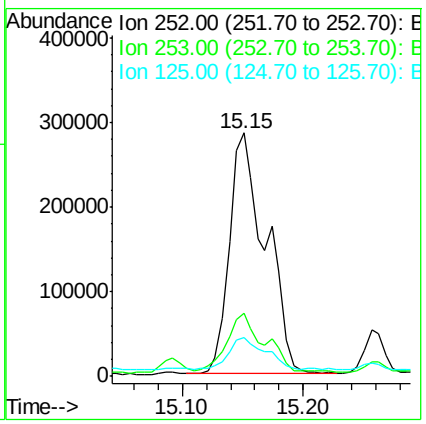


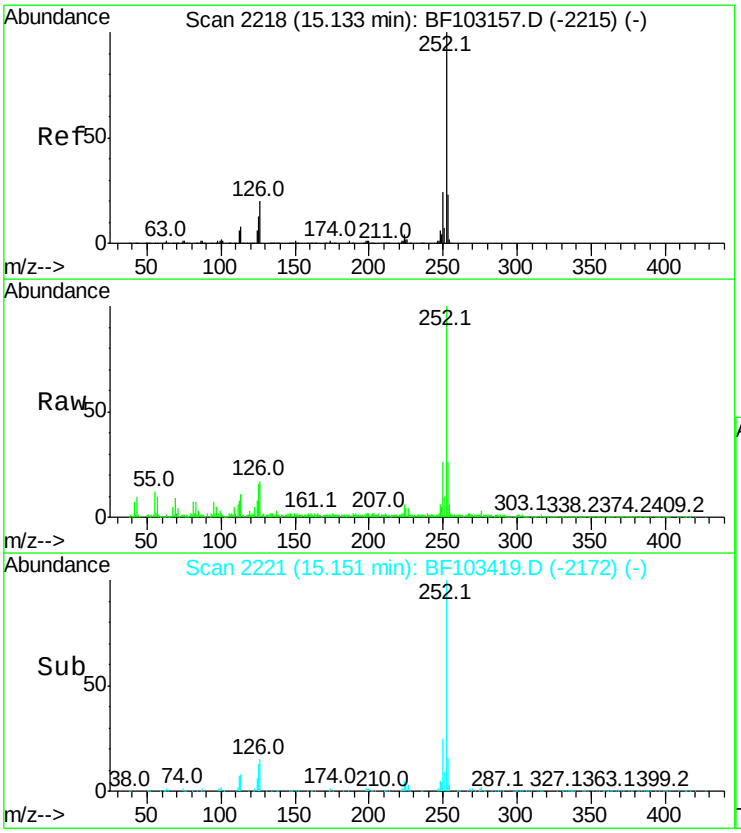
#87
Benzo(b)fluoranthene
Concen: 53.295 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.02 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 596370

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.0	25.6#
125	16.1	9.0	13.6#

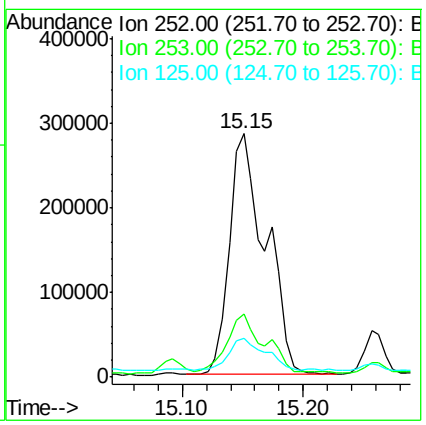


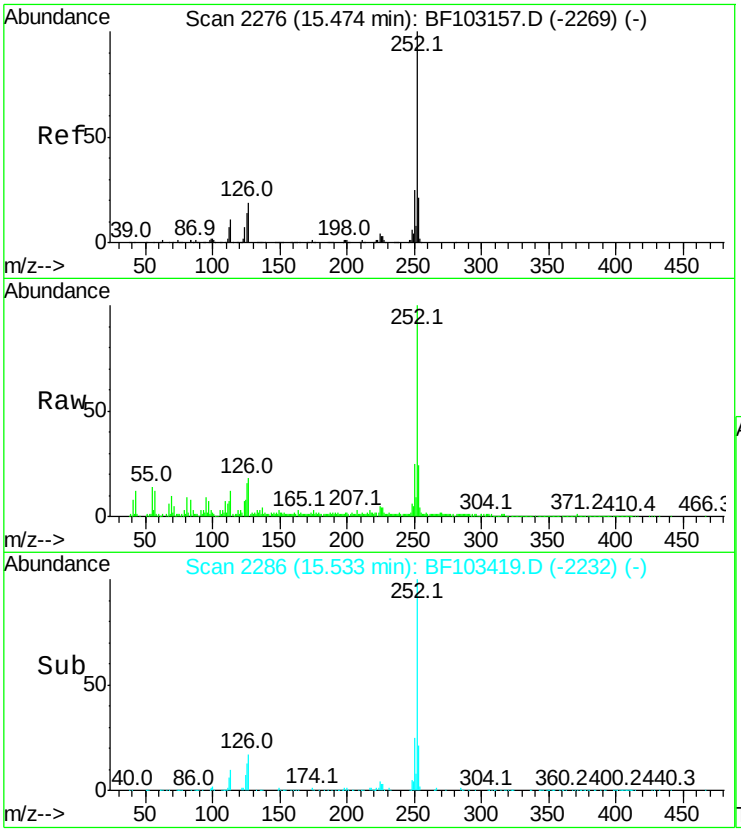


#88
Benzo(k)fluoranthene
Concen: 56.597 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Tgt Ion:252 Resp: 596370

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.9	26.9
125	16.1	10.2	15.2#



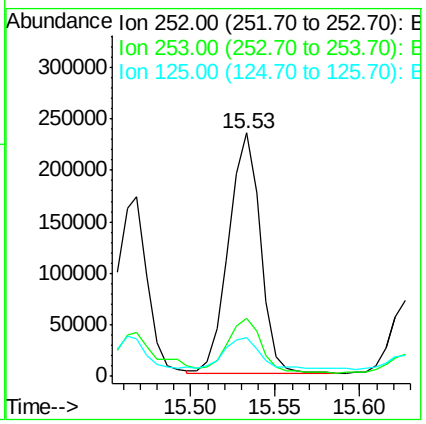


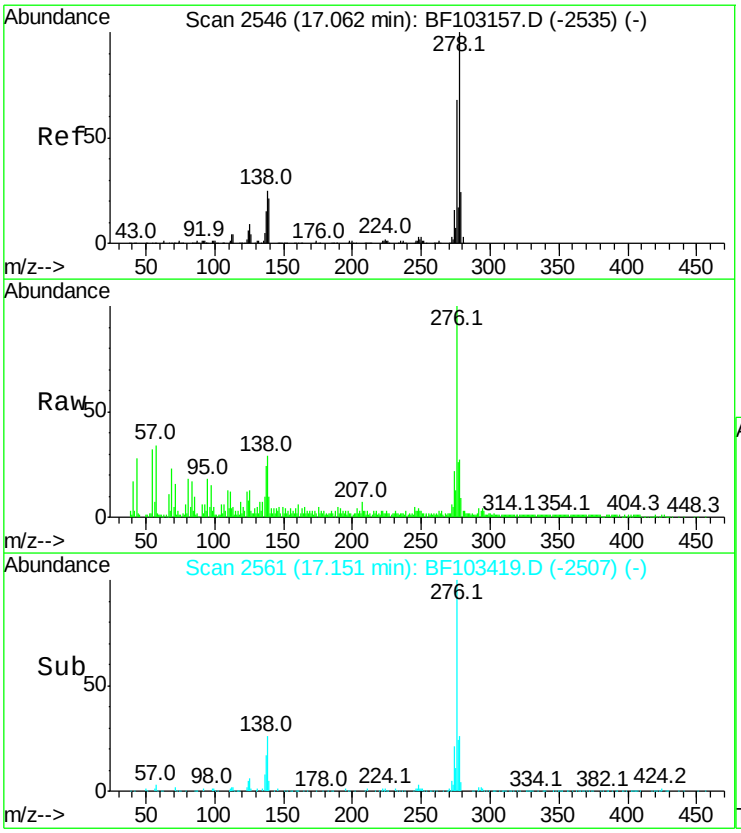
#89
Benzo(a)pyrene
Concen: 30.741 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.02 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 307178

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	15.8	9.8	14.6#

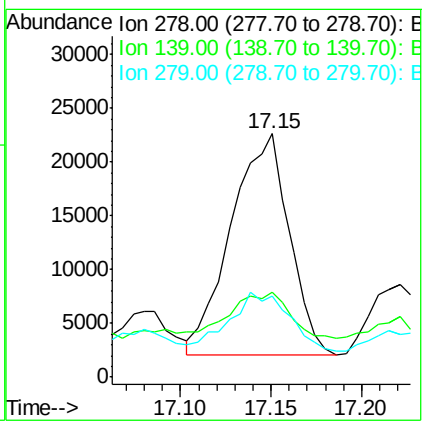


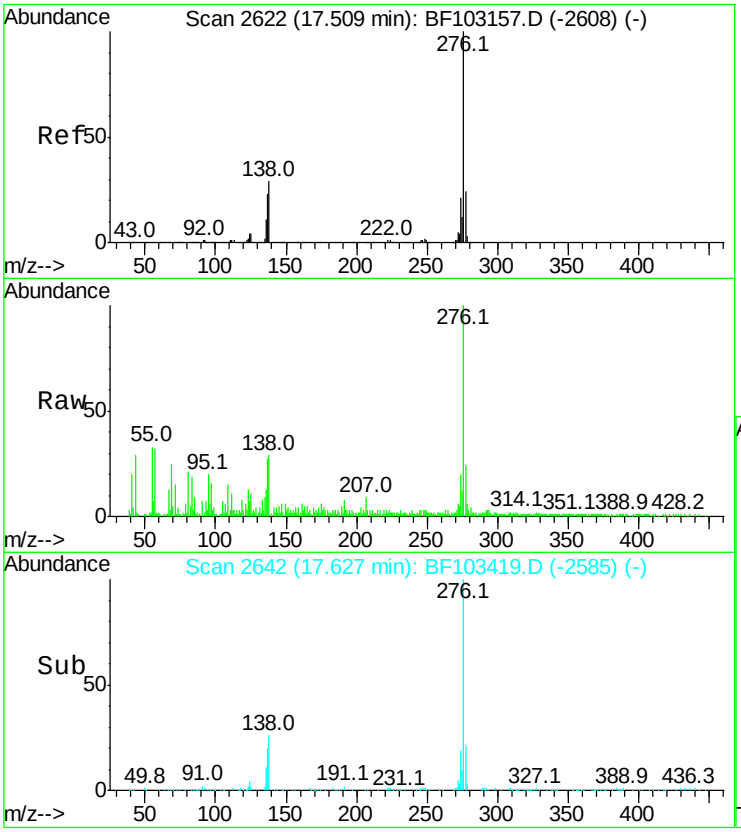


#90
Dibenzo(a,h)anthracene
Concen: 5.923 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.02 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Tgt Ion:278 Resp: 45731

Ion	Ratio	Lower	Upper
278	100		
139	34.9	15.9	23.9#
279	33.2	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 20.095 ng
RT: 17.63 min Scan# 2642
Delta R.T. 0.04 min
Lab File: BF103419.D
Acq: 5 Mar 2018 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 151646

Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	29.1	21.8	32.8