Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104076.D
Acq On : 30 Mar 2018 3:32
Operator : JU/SJ
Sample : J2122-08 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 30 06:53:20 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	107701	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	444486	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	174644	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	241436	20.00	ng		0.00
75) Chrysene-d12	14.16	240	245184	20.00	ng		0.00
86) Perylene-d12	15.70	264	229844	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	273634	40.52	ng		0.00
7) Phenol-d6	6.60	99	369533	44.47	ng		0.00
23) Nitrobenzene-d5	7.53	82	214017	29.45	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	72599	37.33	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	451762	40.79	ng		0.00
78) Terphenyl-d14	13.08	244	311365	29.32	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	26683	5.411	ng	#	81
25) Isophorone	7.53	82	214017	15.978	ng	#	64
49) Dimethylphthalate	9.71	163	31556	2.289	ng	#	99
50) 2,6-Dinitrotoluene	10.00	165	21563	7.269	ng	#	24
56) 2,4-Dinitrotoluene	10.00	165	21949	5.798	ng	#	21
70) Phenanthrene	11.53	178	33416	2.556	ng		98
74) Fluoranthene	12.72	202	50405	3.628	ng		96
77) Pyrene	12.95	202	51241	2.907	ng		97
87) Benzo(b)fluoranthene	15.24	252	50720	3.626	ng	#	77
88) Benzo(k)fluoranthene	15.24	252	50720	3.849	ng	#	81
89) Benzo(a)pyrene	15.63	252	28560	2.203	ng	#	84

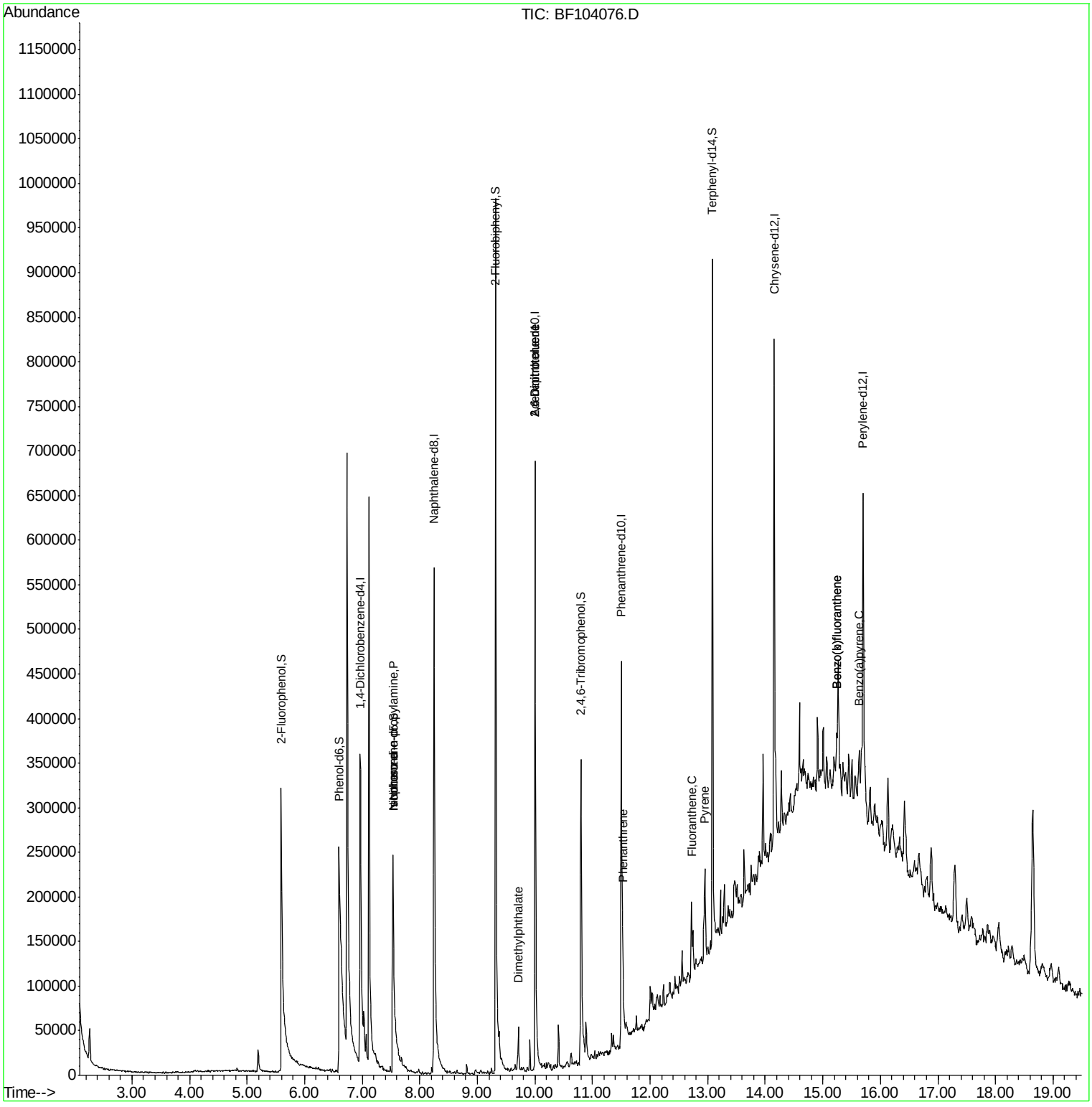
(#) = qualifier out of range (m) = manual integration (+) = signals summed

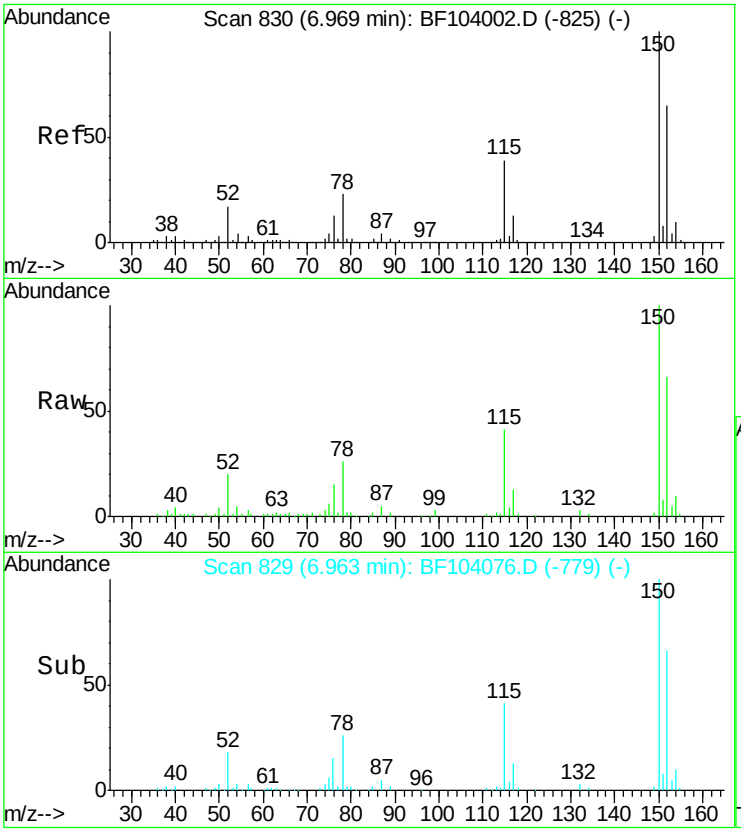
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104076.D
Acq On : 30 Mar 2018 3:32
Operator : JU/SJ
Sample : J2122-08 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 30 06:53:20 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration



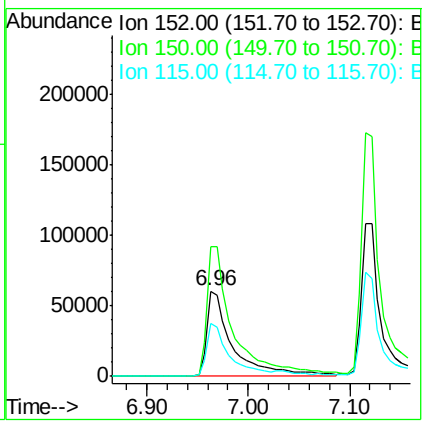


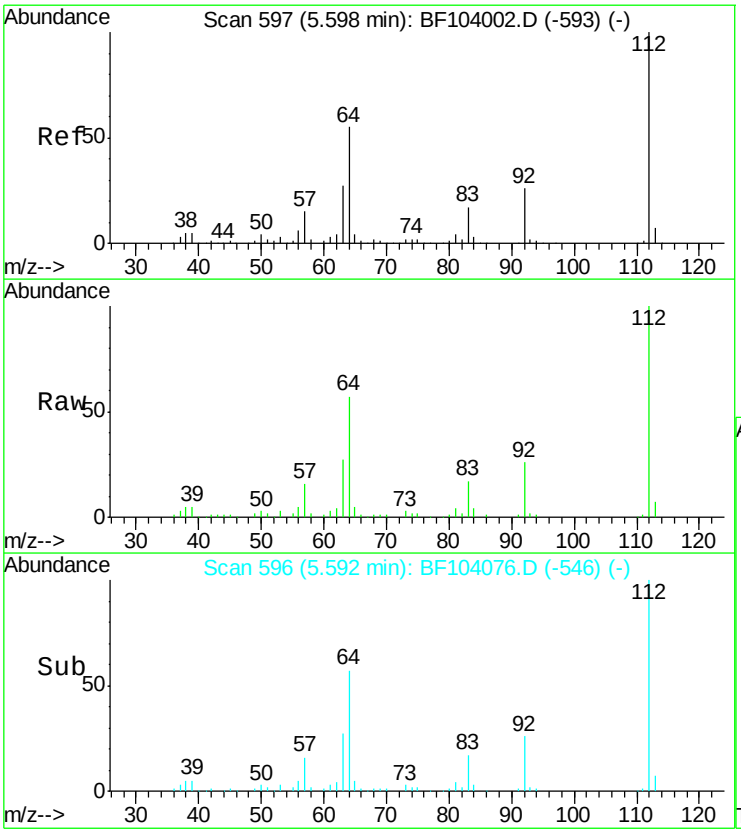
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF104076.D
Acq: 30 Mar 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 107701

Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.6	186.8
115	62.2	50.1	75.1

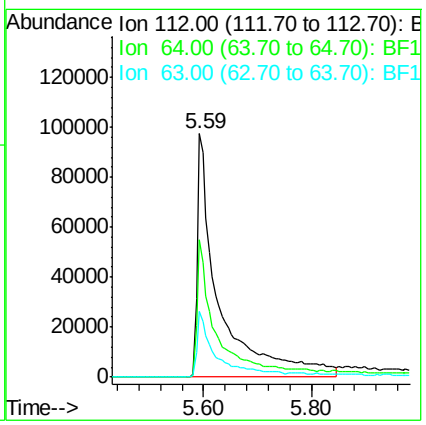


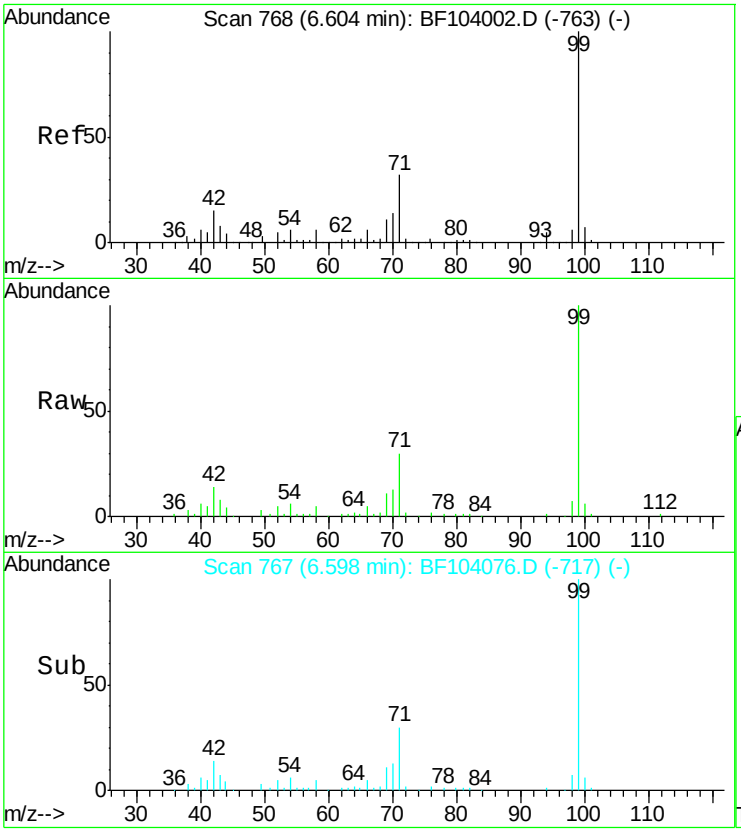


#5
2-Fluorophenol
Concen: 40.517 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF104076.D
Acq: 30 Mar 2018 3:32

Tgt Ion:112 Resp: 273634

Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.9	71.9
63	27.1	23.7	35.5



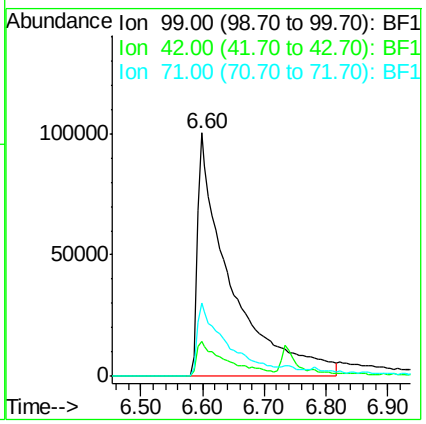


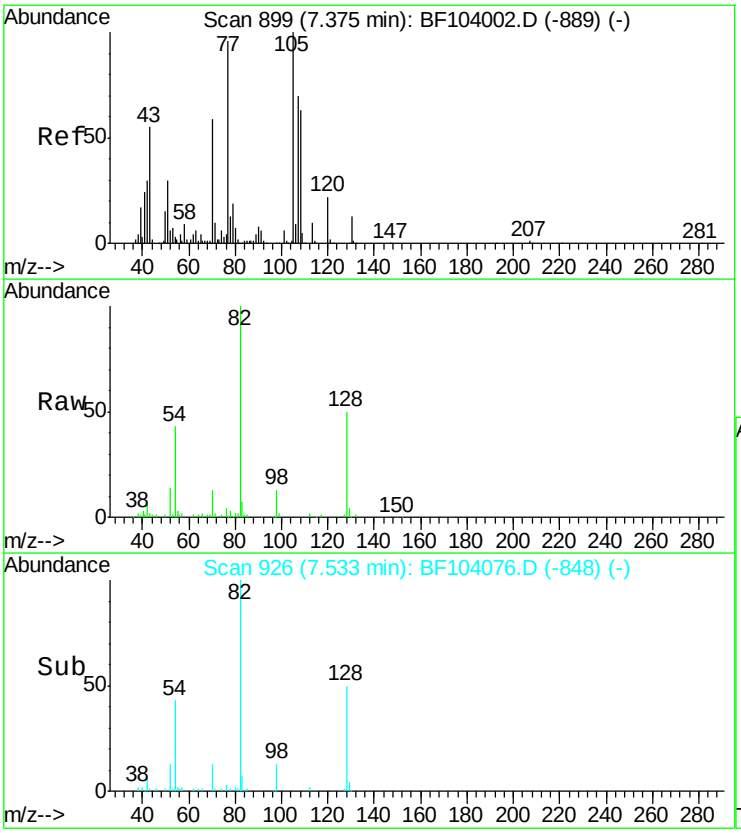
#7
Phenol-d6
Concen: 44.475 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF104076.D
Acq: 30 Mar 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 369533

Ion	Ratio	Lower	Upper
99	100		
42	14.3	14.5	21.7#
71	30.0	25.4	38.0

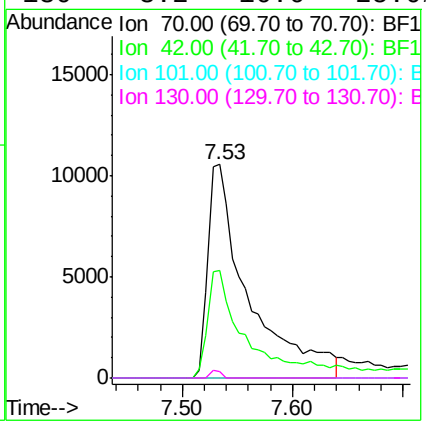


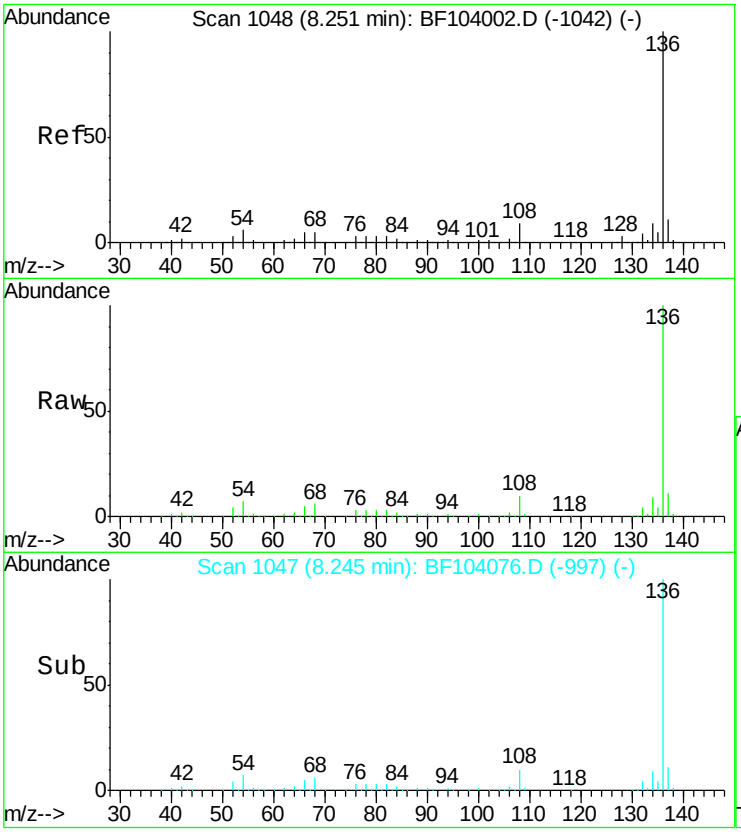


#19
n-Nitroso-di-n-propylamine
Concen: 5.411 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.16 min
Lab File: BF104076.D
Acq: 30 Mar 2018 3:32

Tgt Ion: 70 Resp: 26683

Ion	Ratio	Lower	Upper
70	100		
42	50.2	47.5	71.3
101	0.0	7.4	11.2#
130	3.2	16.6	25.0#



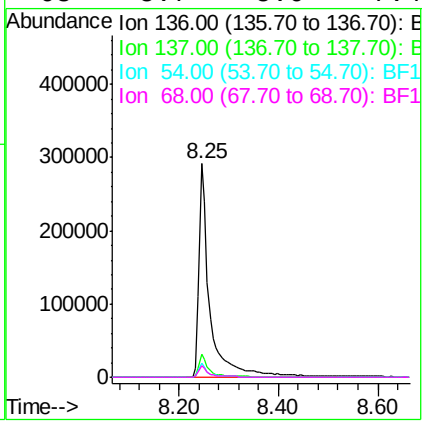


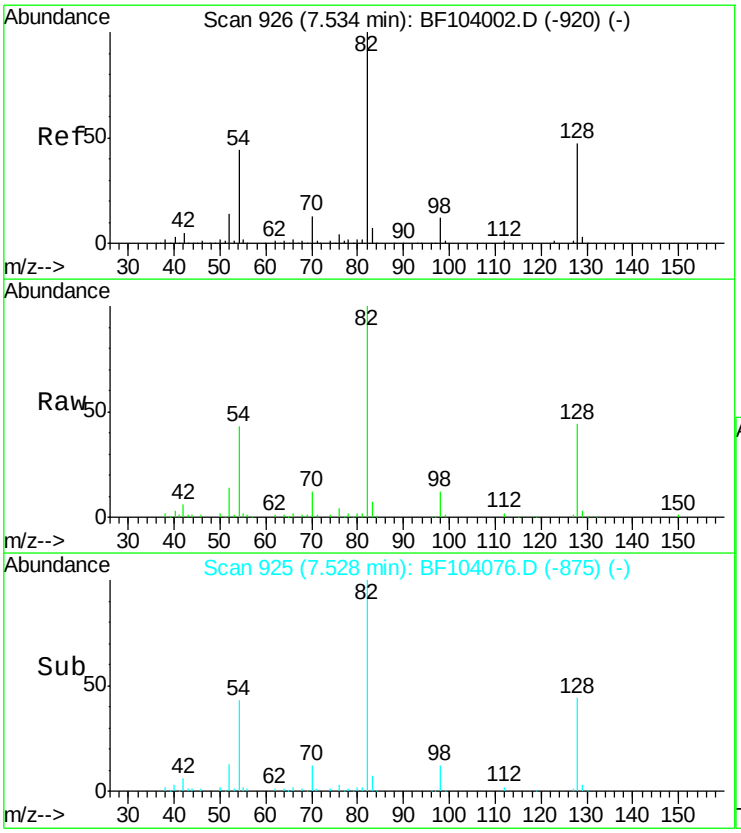
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104076.D
Acq: 30 Mar 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 444486

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.8	6.6	9.8
68	5.7	5.0	7.4

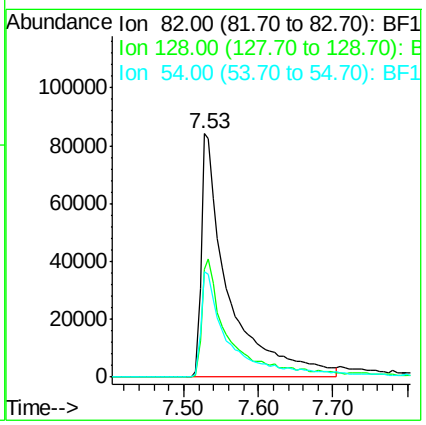


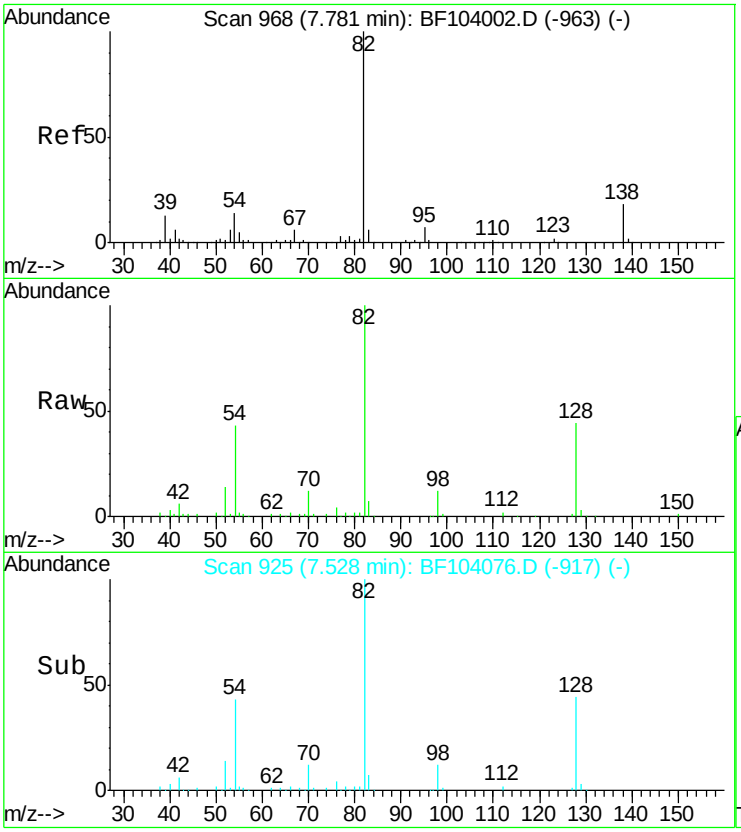


#23
Nitrobenzene-d5
Concen: 29.446 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104076.D
Acq: 30 Mar 2018 3:32

Tgt Ion: 82 Resp: 214017

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	43.2	41.4	62.2



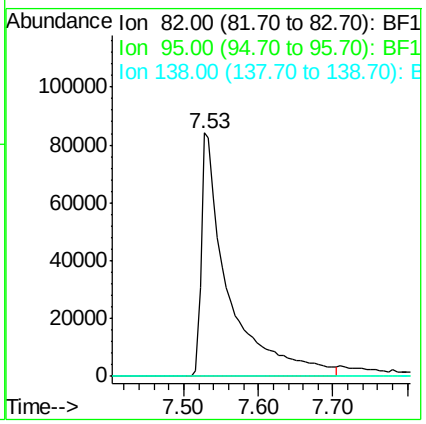


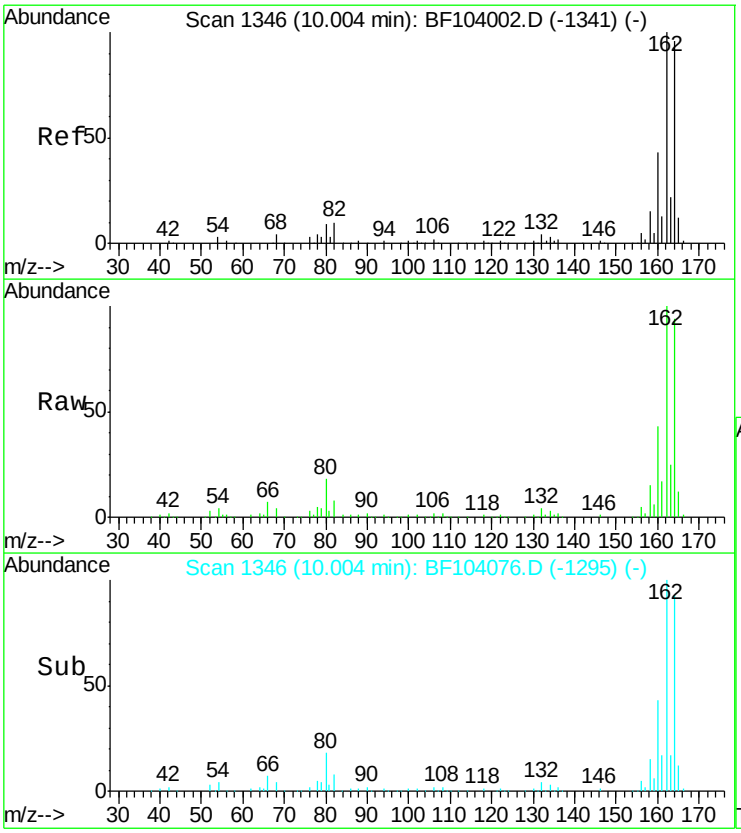
#25
Isophorone
Concen: 15.978 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.25 min
Lab File: BF104076.D
Acq: 30 Mar 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 214017

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

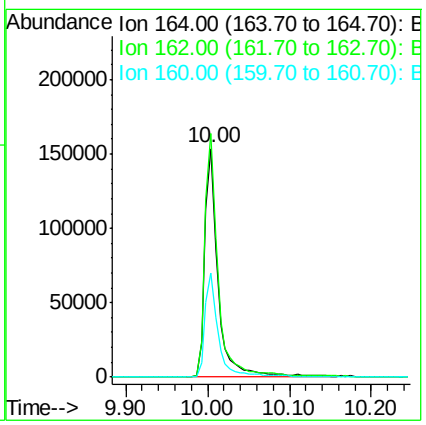


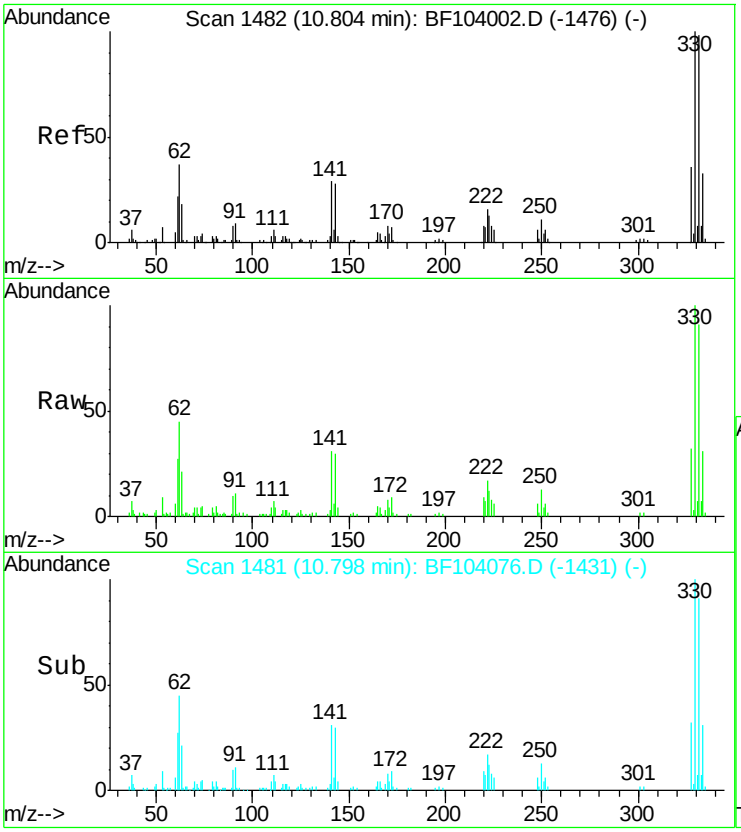


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104076.D
Acq: 30 Mar 2018 3:32

Tgt Ion:164 Resp: 174644

Ion	Ratio	Lower	Upper
164	100		
162	106.6	86.1	129.1
160	45.6	38.3	57.5



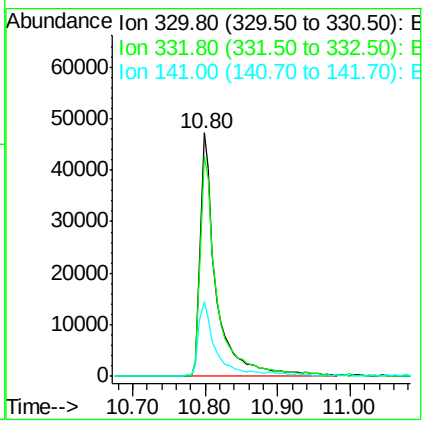


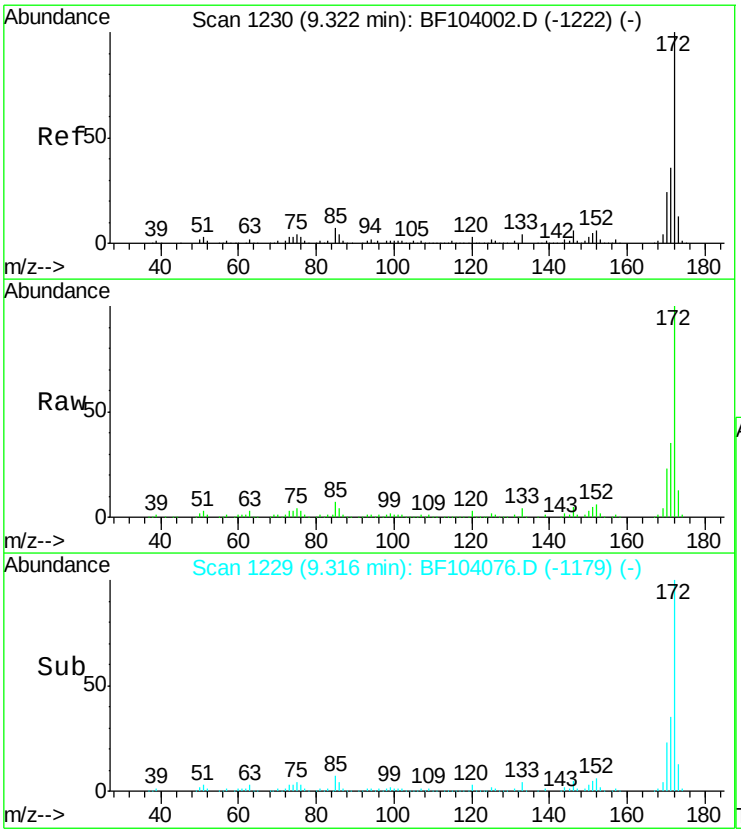
#41
2,4,6-Tribromophenol
Concen: 37.332 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF104076.D
Acq: 30 Mar 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 72599

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	32.3	29.9	44.9

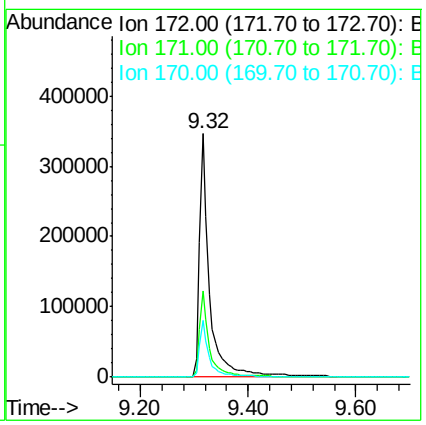


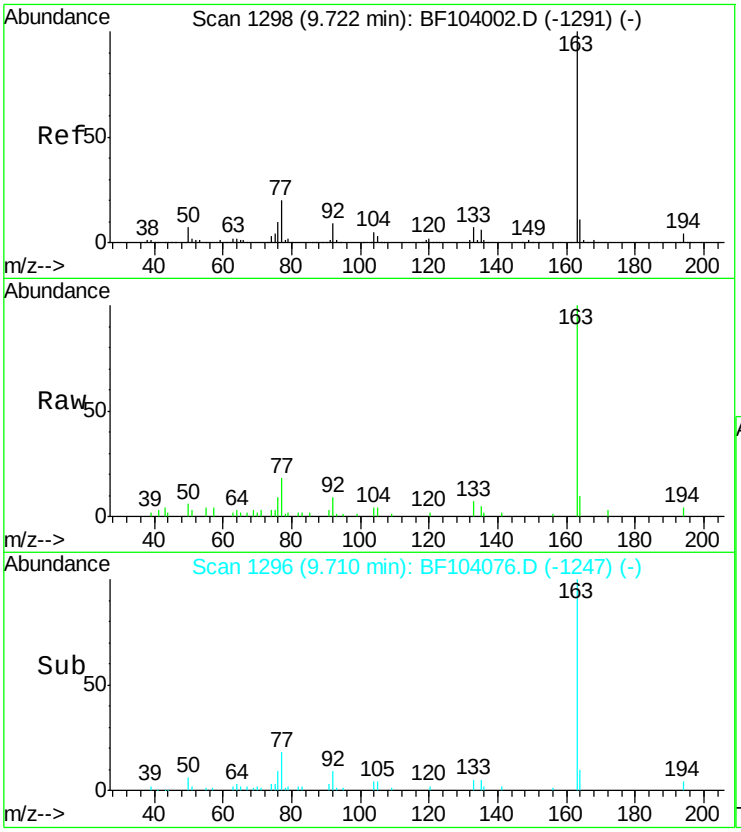


#44
2-Fluorobiphenyl
Concen: 40.791 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF104076.D
Acq: 30 Mar 2018 3:32

Tgt Ion:172 Resp: 451762

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.5	19.6	29.4



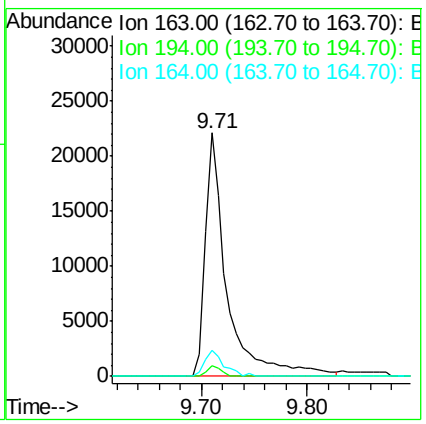


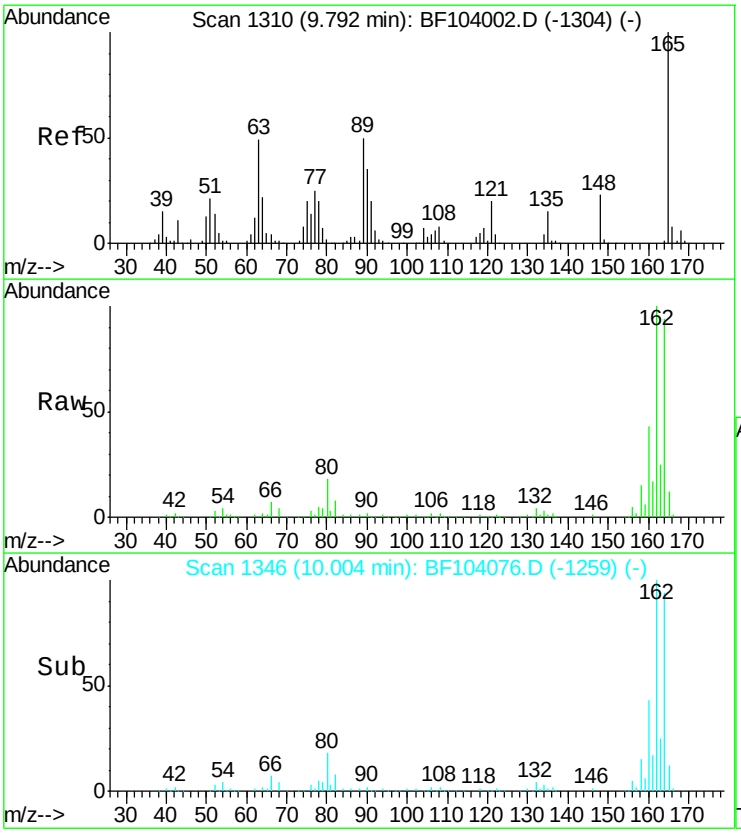
#49
Dimethylphthalate
Concen: 2.289 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104076.D
Acq: 30 Mar 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 31556

Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	10.5	8.2	12.2

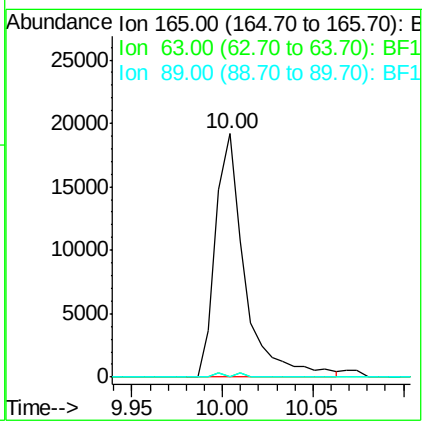


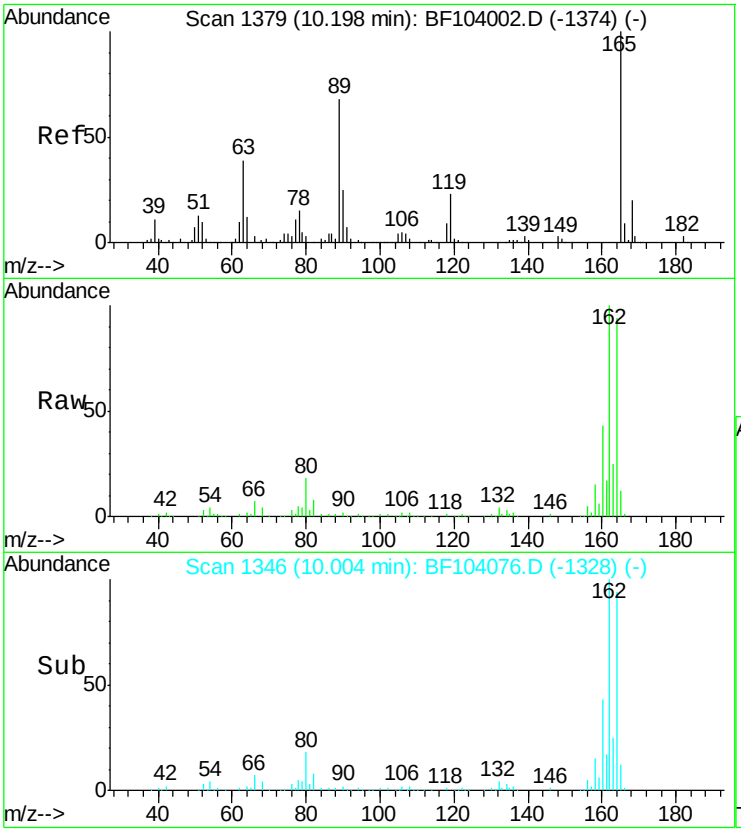


#50
2,6-Dinitrotoluene
Concen: 7.269 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.21 min
Lab File: BF104076.D
Acq: 30 Mar 2018 3:32

Tgt Ion:165 Resp: 21563

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



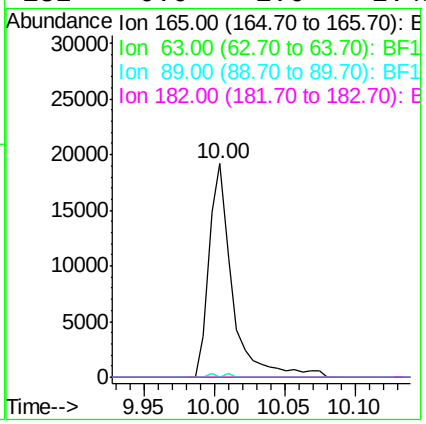


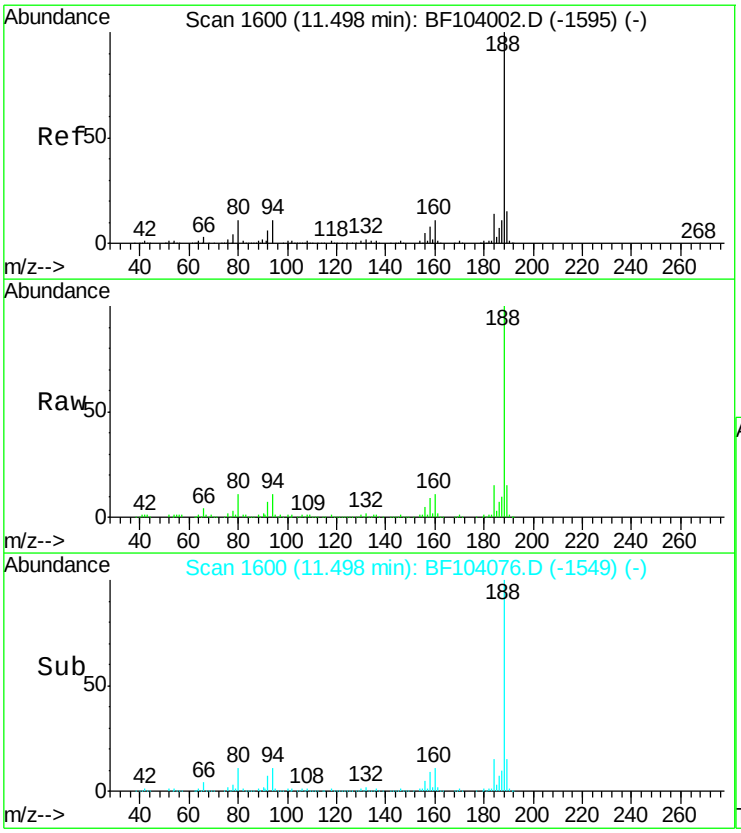
#56
2,4-Dinitrotoluene
Concen: 5.798 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.19 min
Lab File: BF104076.D
Acq: 30 Mar 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21949

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

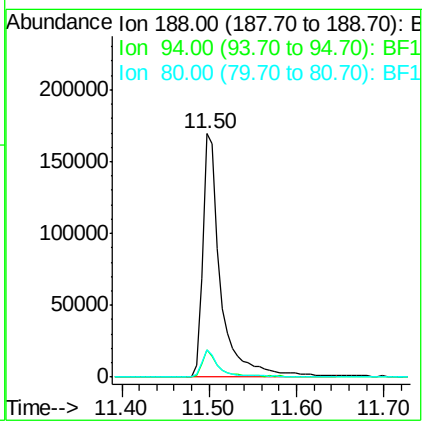


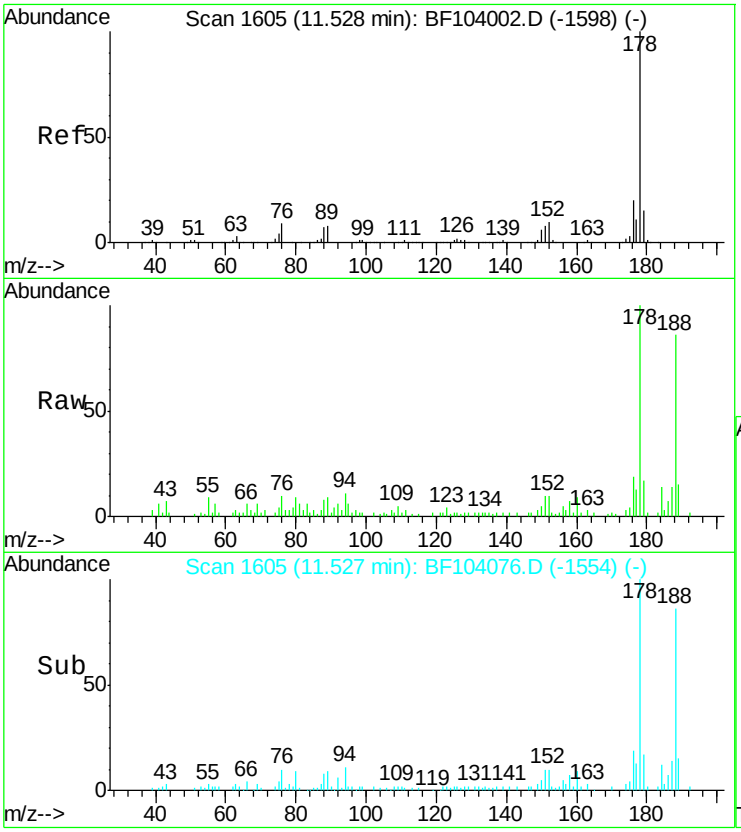


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104076.D
Acq: 30 Mar 2018 3:32

Tgt Ion:188 Resp: 241436

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.3	9.2	13.8



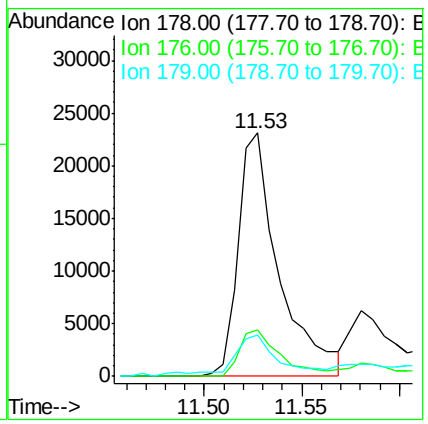


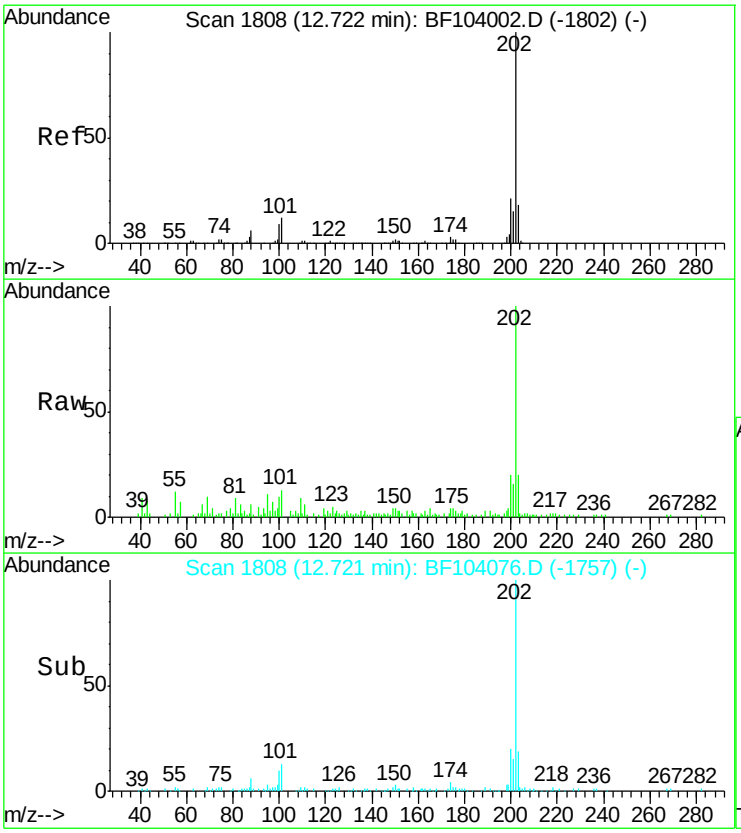
#70
Phenanthrene
Concen: 2.556 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF104076.D
Acq: 30 Mar 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 33416

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	16.8	13.0	19.6

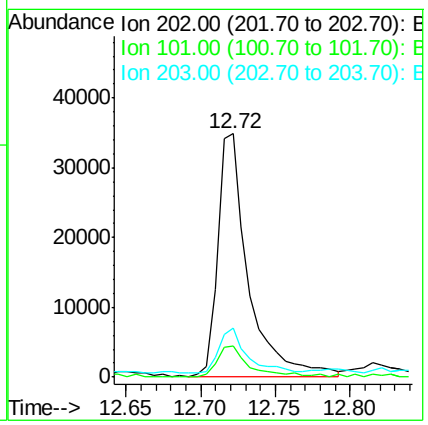


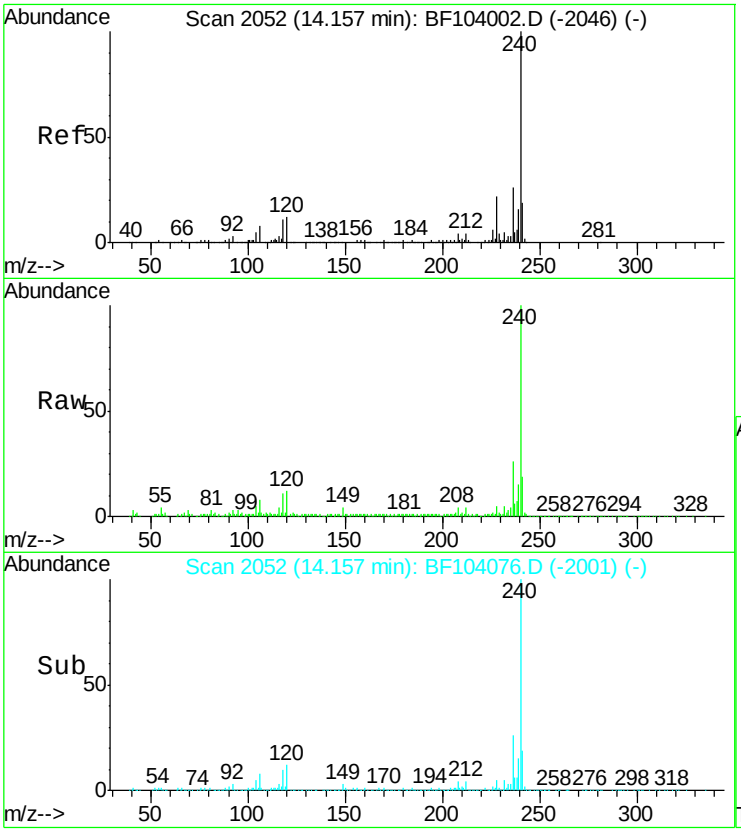


#74
Fluoranthene
Concen: 3.628 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BF104076.D
Acq: 30 Mar 2018 3:32

Tgt Ion:202 Resp: 50405

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	20.1	0.0	38.1



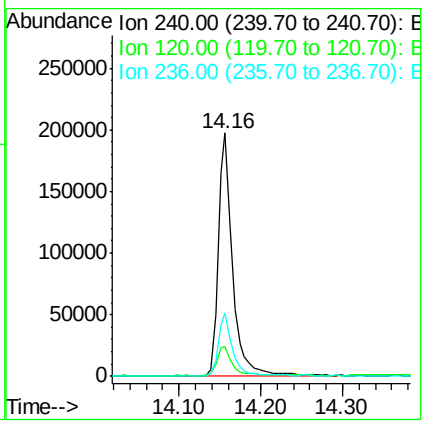


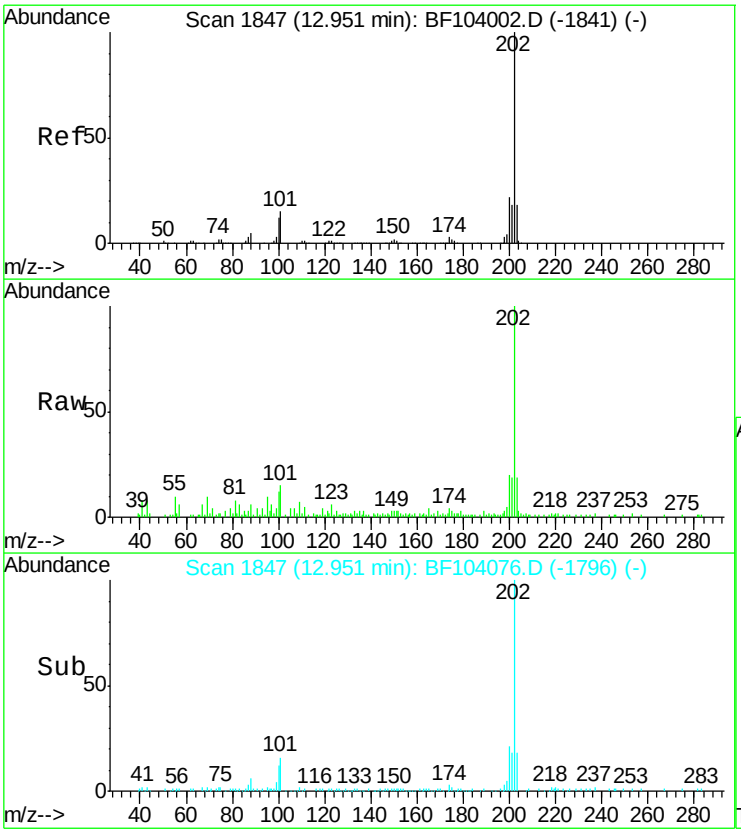
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104076.D
Acq: 30 Mar 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 245184

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	26.2	20.7	31.1

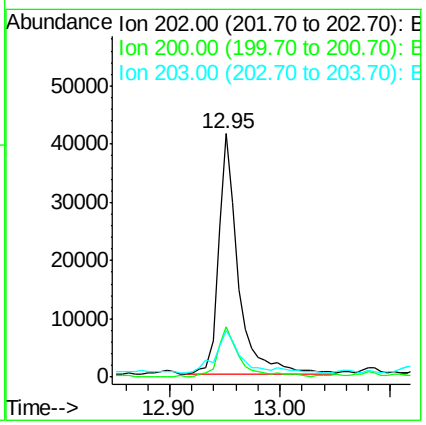


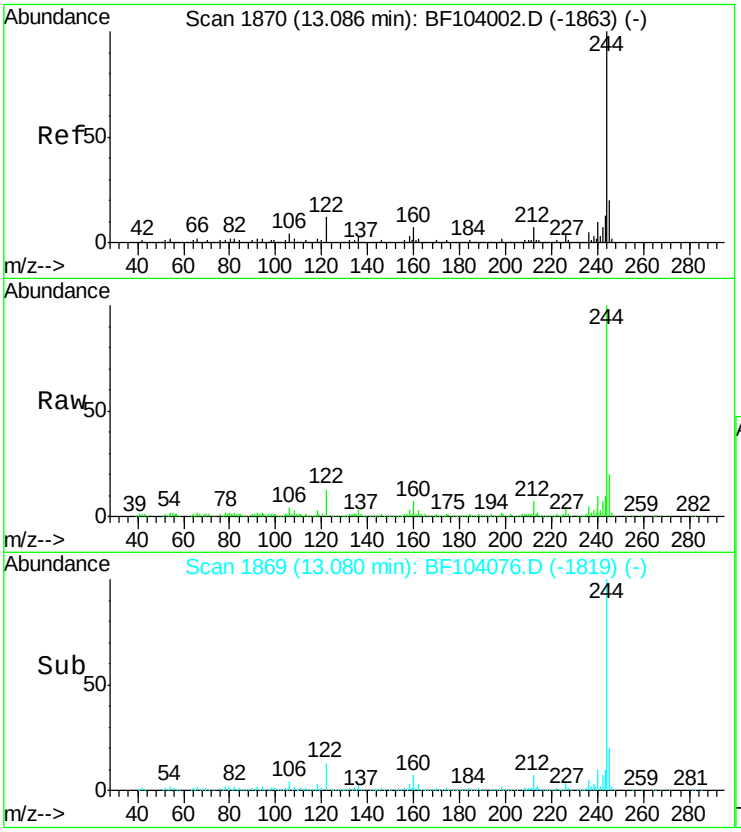


#77
Pyrene
Concen: 2.907 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104076.D
Acq: 30 Mar 2018 3:32

Tgt Ion:202 Resp: 51241

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	19.2	14.3	21.5



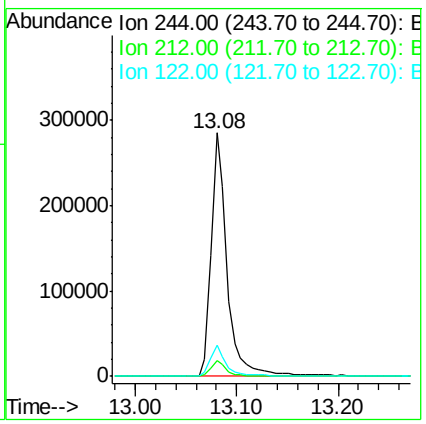


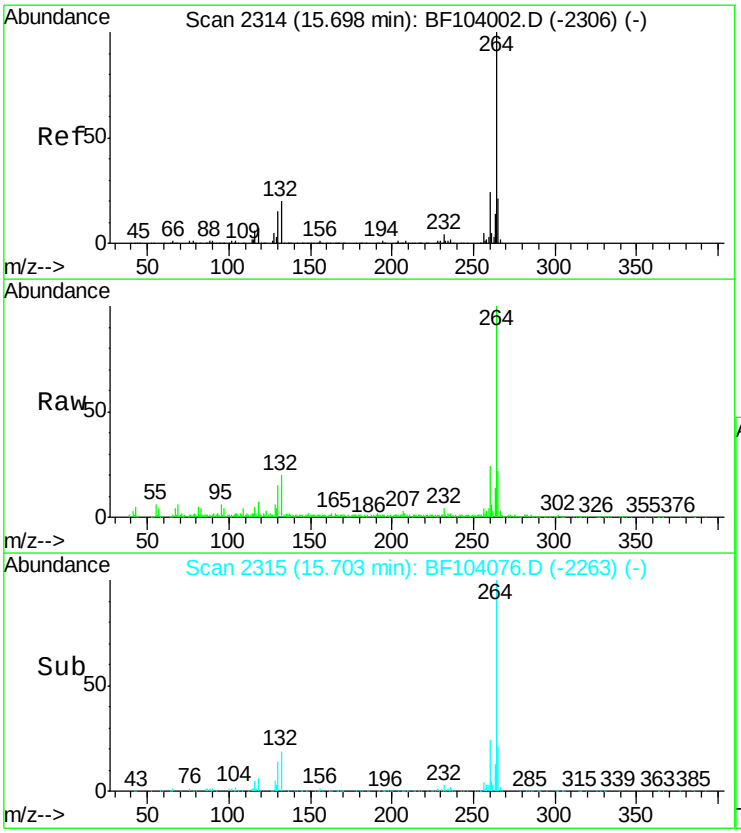
#78
Terphenyl-d14
Concen: 29.322 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BF104076.D
Acq: 30 Mar 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 311365

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	13.0	11.0	16.4

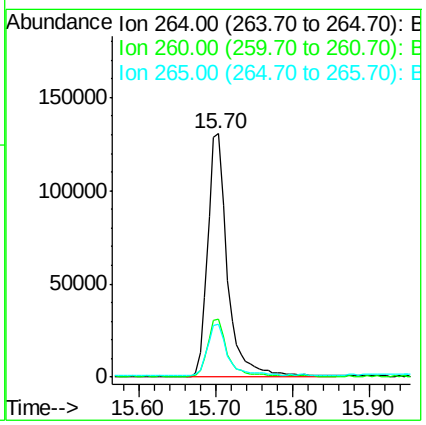


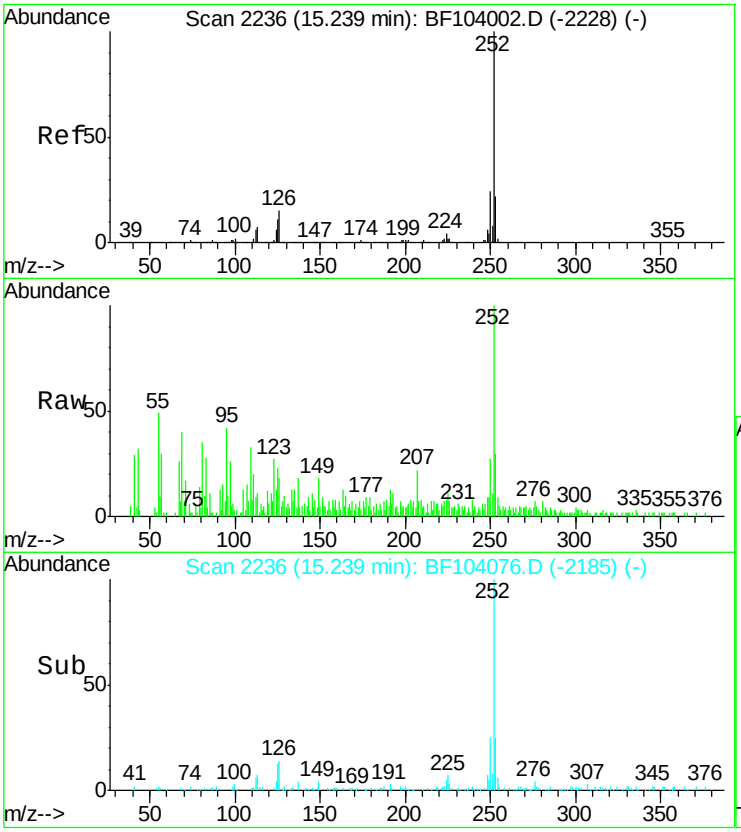


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BF104076.D
Acq: 30 Mar 2018 3:32

Tgt Ion:264 Resp: 229844

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	17.5	26.3



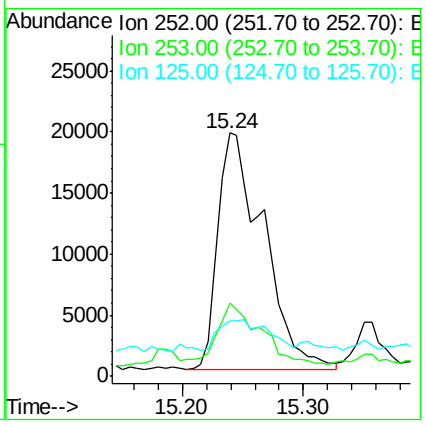


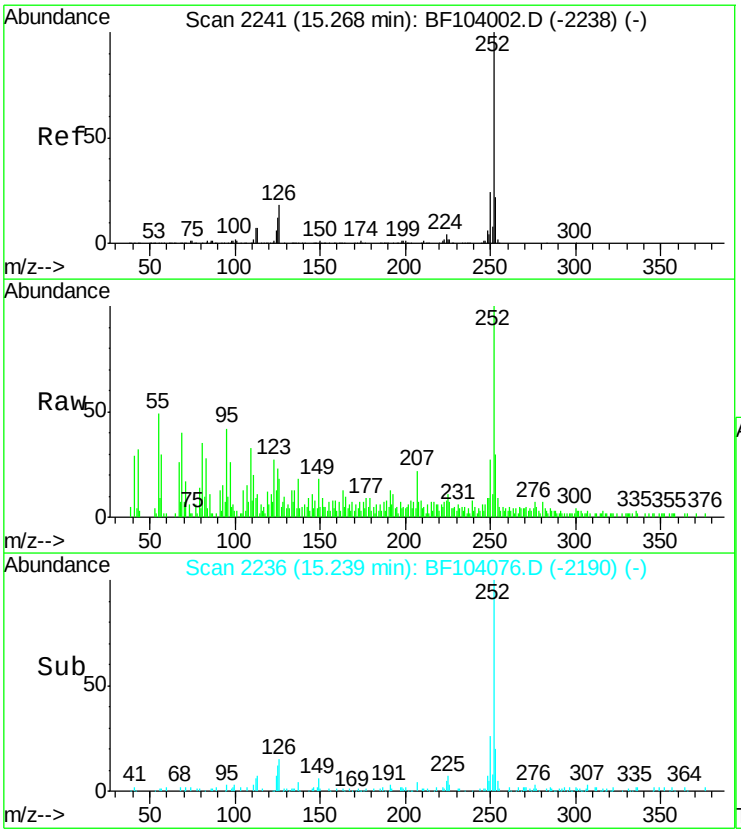
#87
Benzo(b)fluoranthene
Concen: 3.626 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF104076.D
Acq: 30 Mar 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 50720

Ion	Ratio	Lower	Upper
252	100		
253	30.0	17.0	25.6#
125	22.8	9.0	13.6#

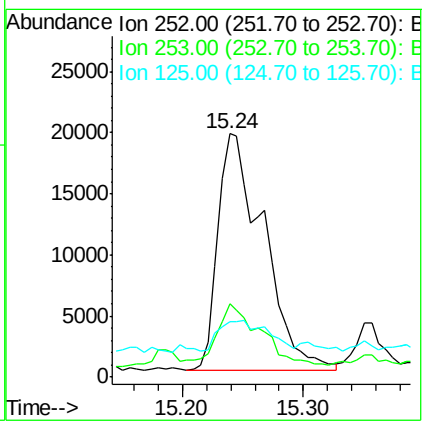


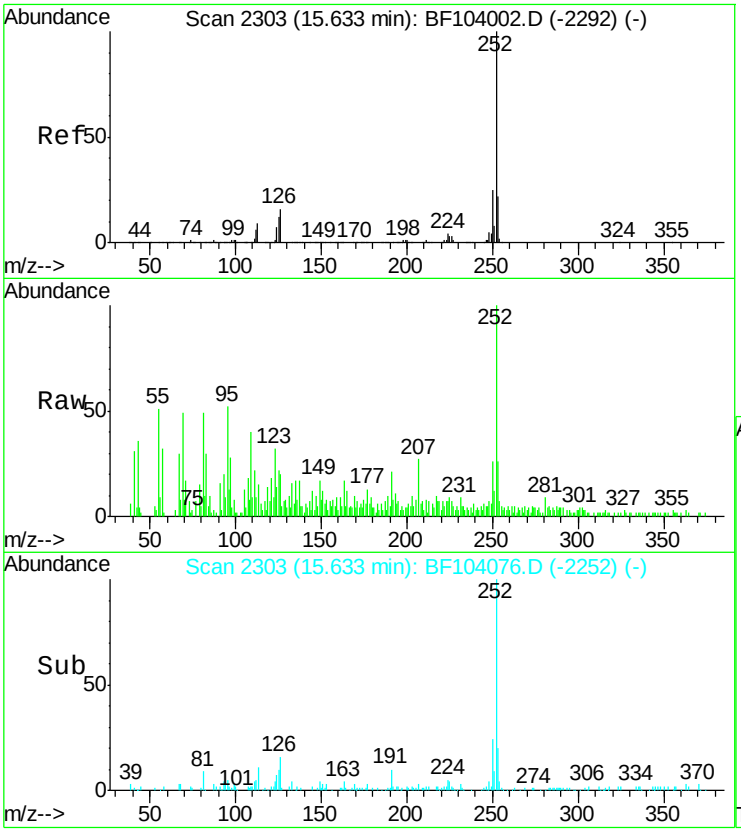


#88
Benzo(k)fluoranthene
Concen: 3.849 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.03 min
Lab File: BF104076.D
Acq: 30 Mar 2018 3:32

Tgt Ion:252 Resp: 50720

Ion	Ratio	Lower	Upper
252	100		
253	30.0	17.9	26.9#
125	22.8	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.203 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BF104076.D
Acq: 30 Mar 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 28560

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.1	25.7#
125	21.7	9.8	14.6#