Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104939.D
Acq On : 30 Apr 2018 18:07
Operator : JU/SJ
Sample : J2609-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 01 04:34:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 15:20:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	122878	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	502170	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	220066	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	360375	20.00	ng		0.00
75) Chrysene-d12	13.97	240	228471	20.00	ng		0.00
86) Perylene-d12	15.44	264	214661	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	688961	85.73	ng		0.00
7) Phenol-d6	6.44	99	844523	85.53	ng		0.00
23) Nitrobenzene-d5	7.36	82	517539	67.30	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	186677	81.78	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	776204	55.72	ng		0.00
78) Terphenyl-d14	12.91	244	540761	53.96	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.35	77	1620	Below Cal		#	73
10) Phenol	6.45	94	21323	2.04	ng	#	78
19) n-Nitroso-di-n-propylamine	7.36	70	67640	10.48	ng	#	74
25) Isophorone	7.36	82	517536	31.82	ng	#	64
49) Dimethylphthalate	9.55	163	101783	5.87	ng		99
56) 2,4-Dinitrotoluene	9.83	165	30475	7.24	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.62	198	328	7.51	ng	#	1
70) Phenanthrene	11.35	178	49913	2.49	ng		98
71) Anthracene	11.35	178	49913	2.45	ng		98
74) Fluoranthene	12.54	202	61780	2.95	ng		97
76) Benzidine	12.66	184	821	Below Cal		#	1
77) Pyrene	12.77	202	47382	2.80	ng		96
87) Benzo(b)fluoranthene	15.02	252	43943	3.24	ng	#	73
88) Benzo(k)fluoranthene	15.02	252	43943	3.43	ng	#	76

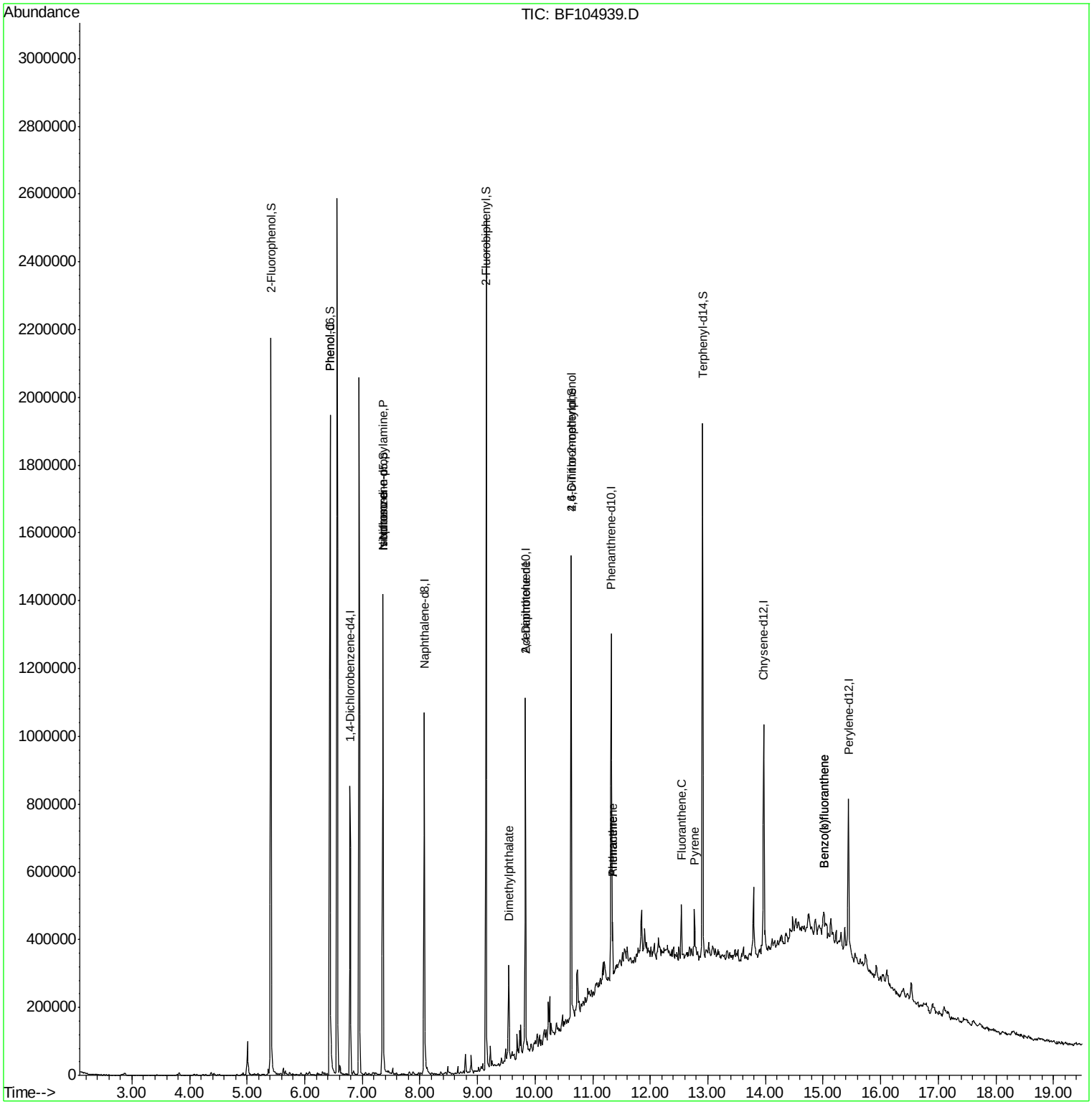
(#) = qualifier out of range (m) = manual integration (+) = signals summed

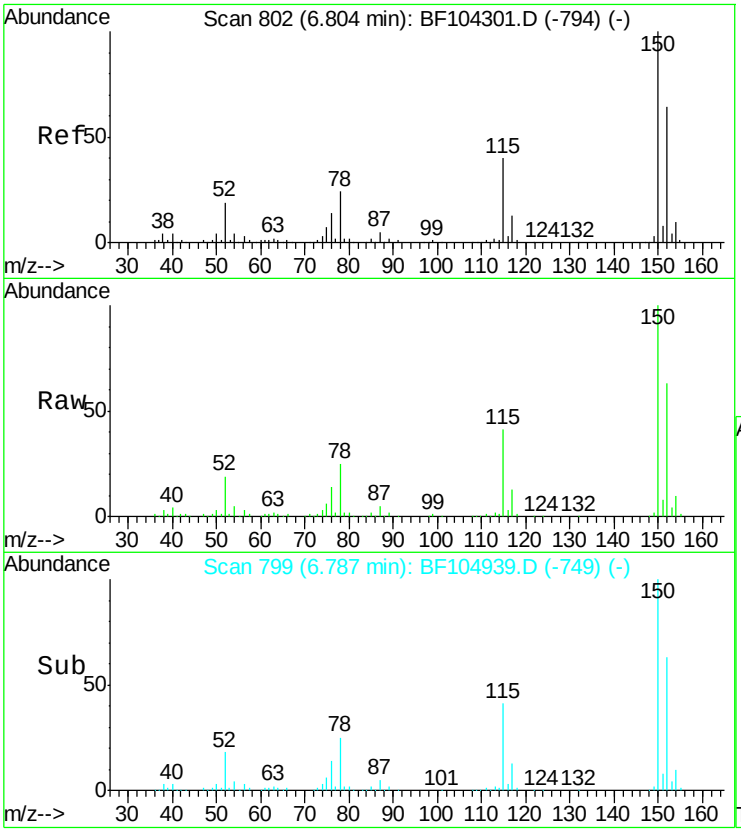
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104939.D
Acq On : 30 Apr 2018 18:07
Operator : JU/SJ
Sample : J2609-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 01 04:34:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 15:20:08 2018
Response via : Initial Calibration

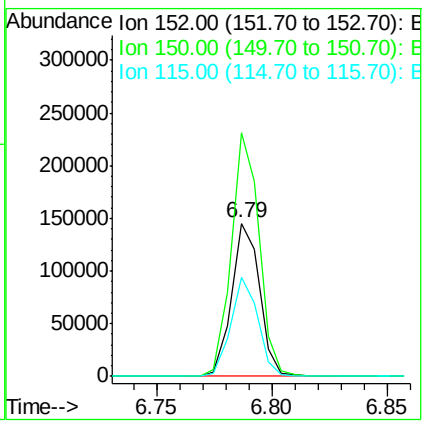




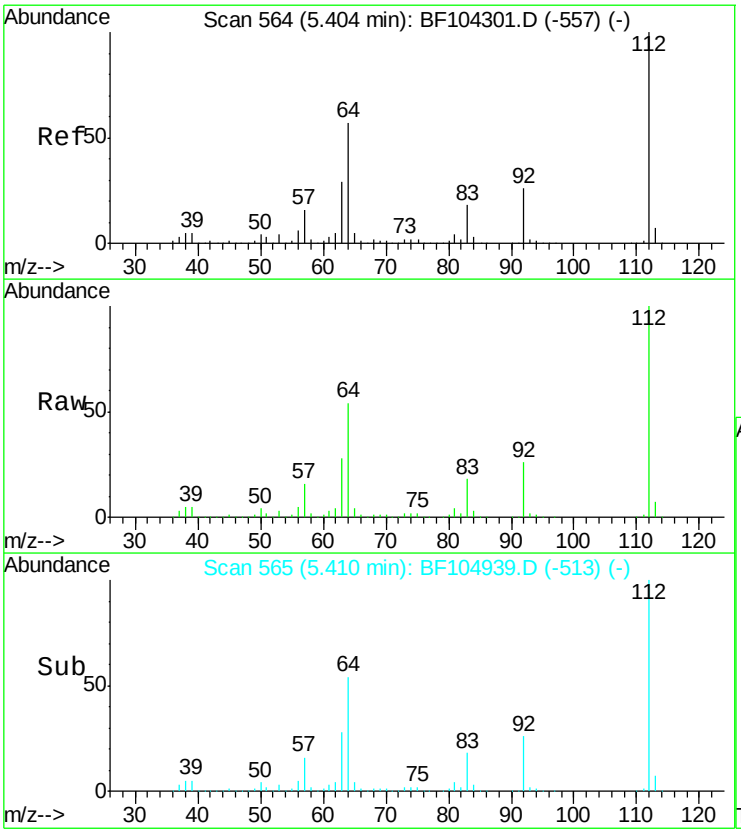
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Tgt Ion:152 Resp: 122878

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	64.6	50.1	75.1



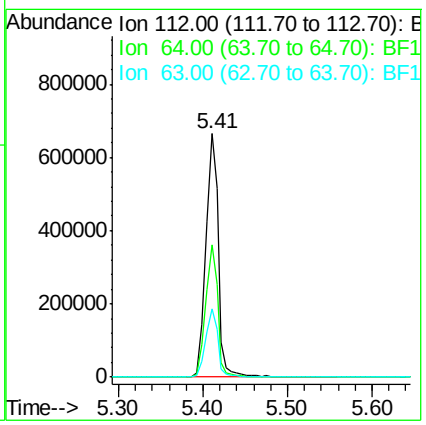
Instrument :
BNA_F
ClientSampleId :

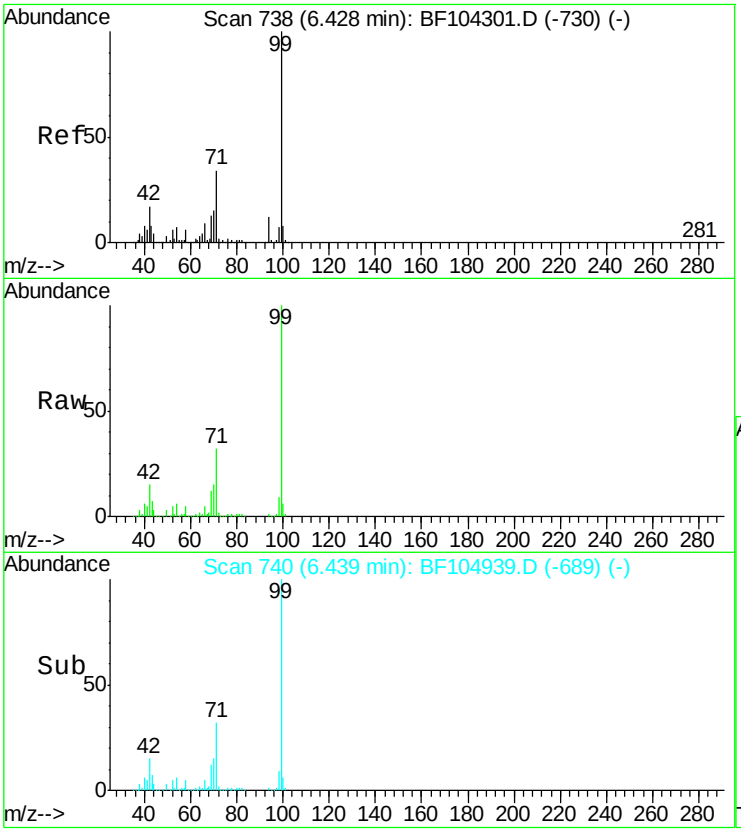


#5
2-Fluorophenol
Concen: 85.73 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Tgt Ion:112 Resp: 688961

Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.9	71.9
63	28.3	23.7	35.5



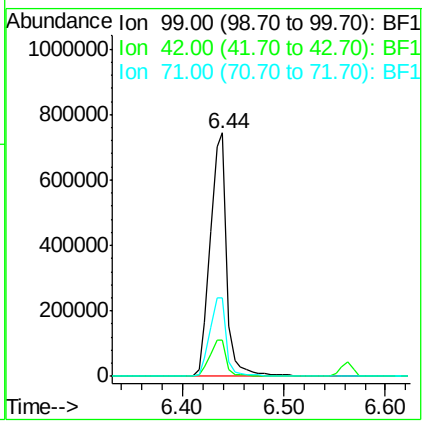


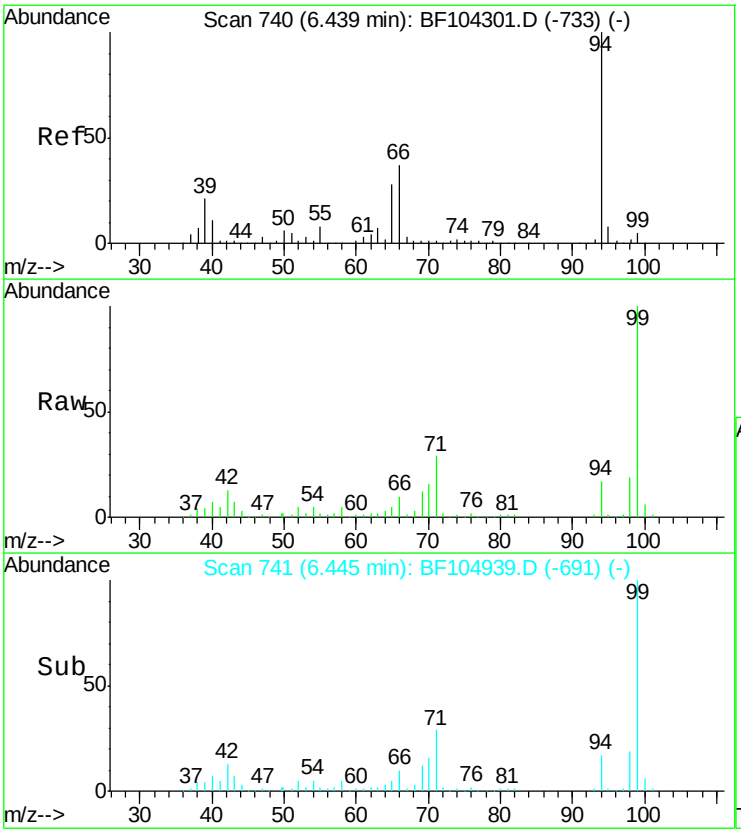
#7
Phenol-d6
Concen: 85.53 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 844523

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.5	21.7
71	32.4	25.4	38.0

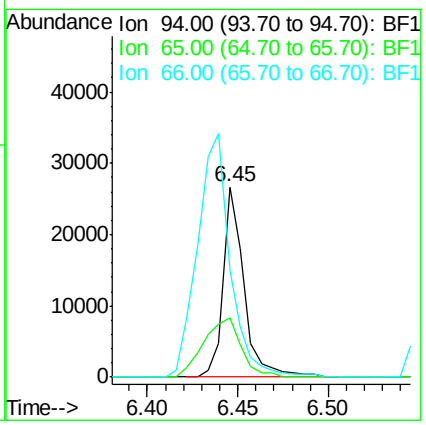


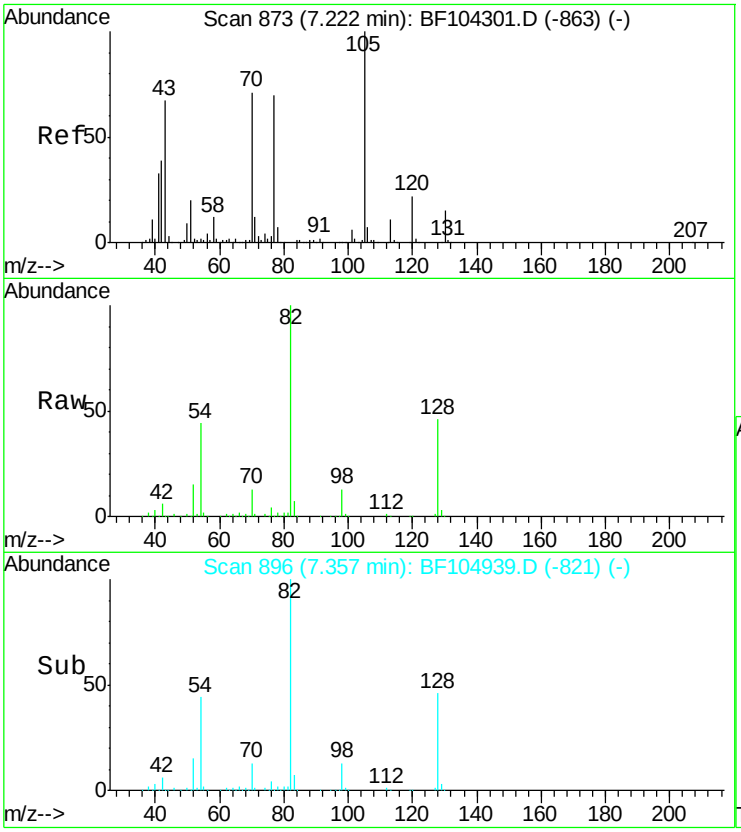


#10
Phenol
Concen: 2.04 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Tgt Ion: 94 Resp: 21323

Ion	Ratio	Lower	Upper
94	100		
65	31.2	7.9	47.9
66	56.2	16.2	56.2#



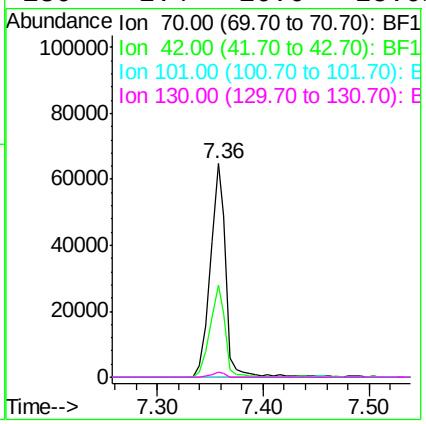


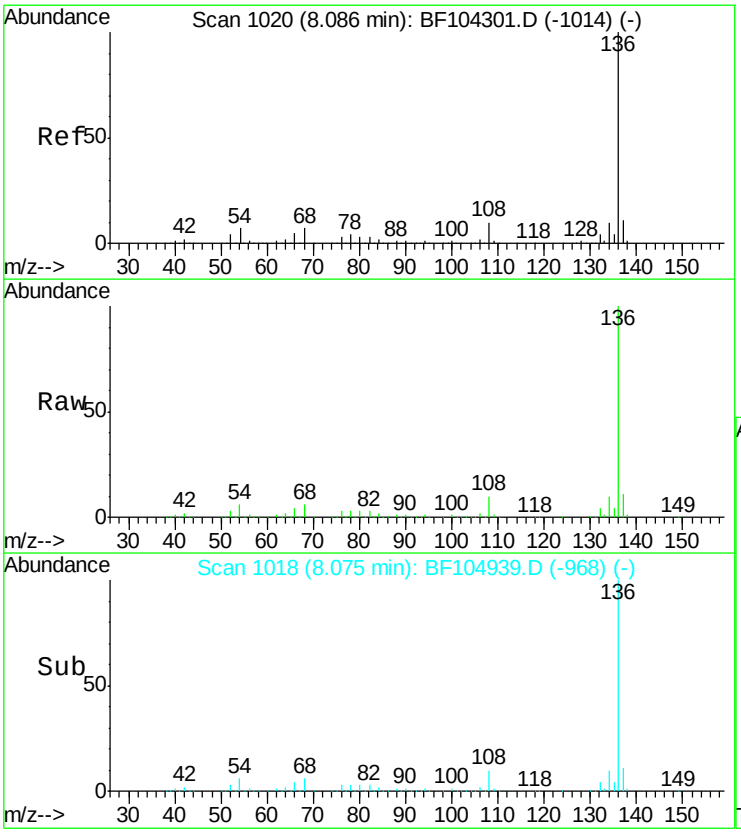
#19
n-Nitroso-di-n-propylamine
Concen: 10.48 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 67640

Ion	Ratio	Lower	Upper
70	100		
42	43.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

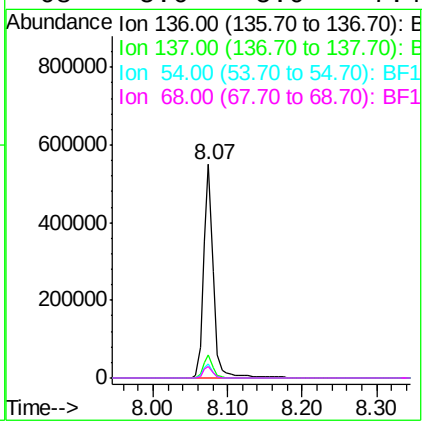


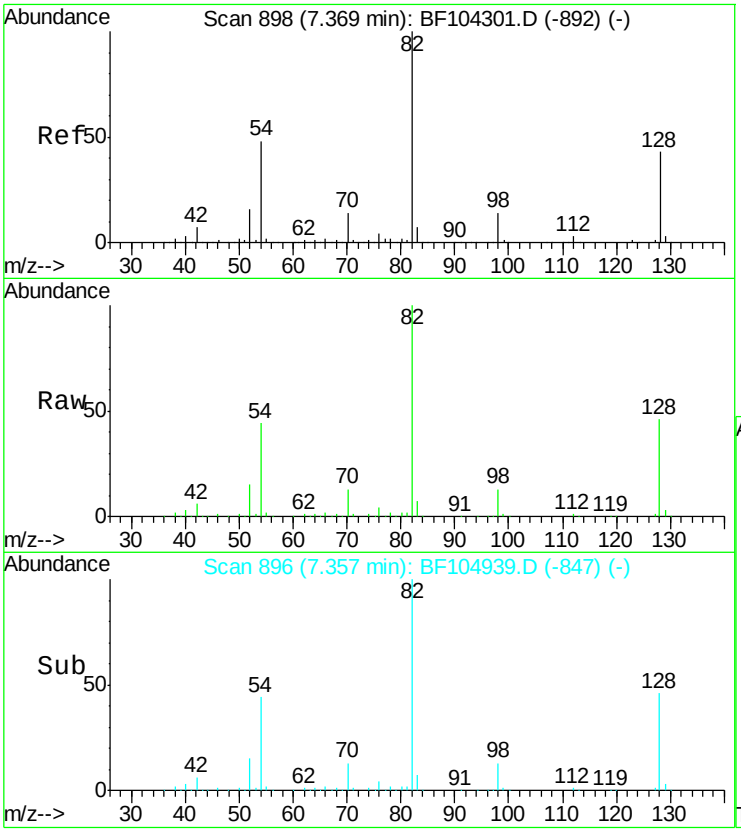


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Tgt Ion:136 Resp: 502170

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.4	6.6	9.8#
68	5.6	5.0	7.4



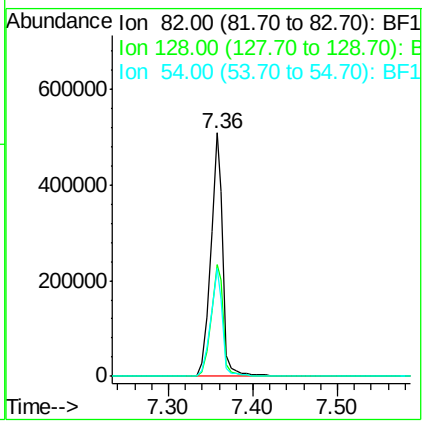


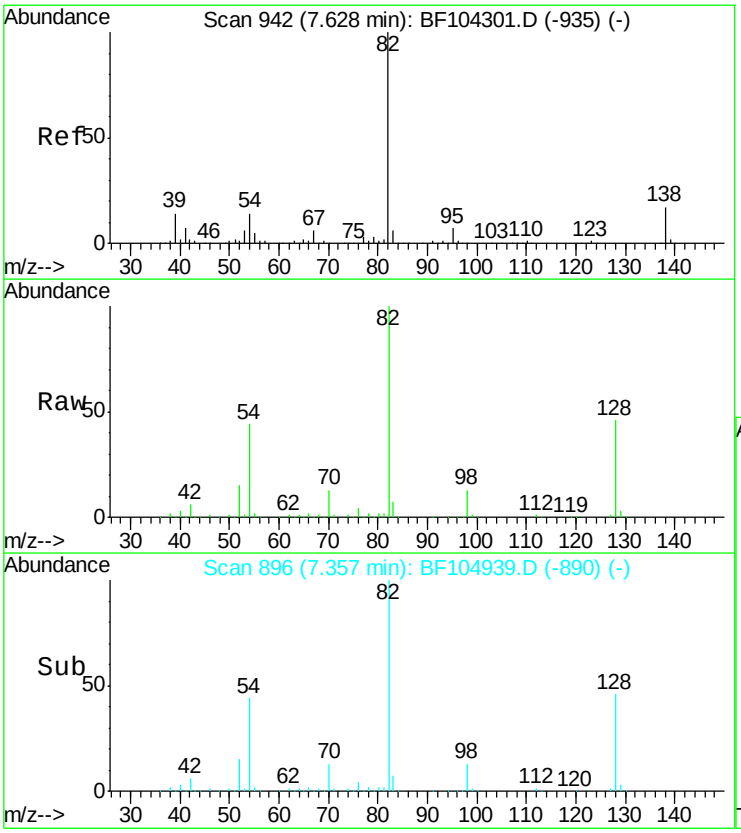
#23
Nitrobenzene-d5
Concen: 67.30 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 517539

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	44.1	41.4	62.2

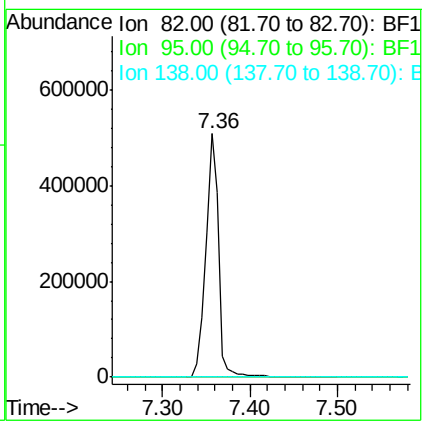


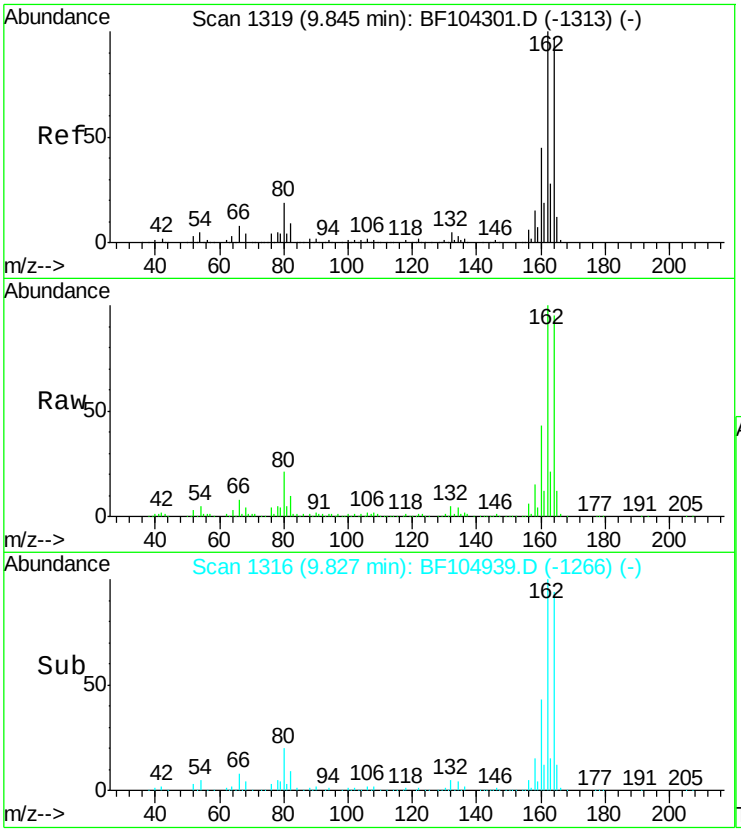


#25
Isophorone
Concen: 31.82 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Tgt Ion: 82 Resp: 517536

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



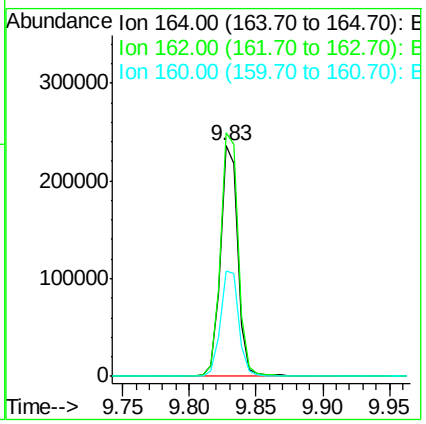


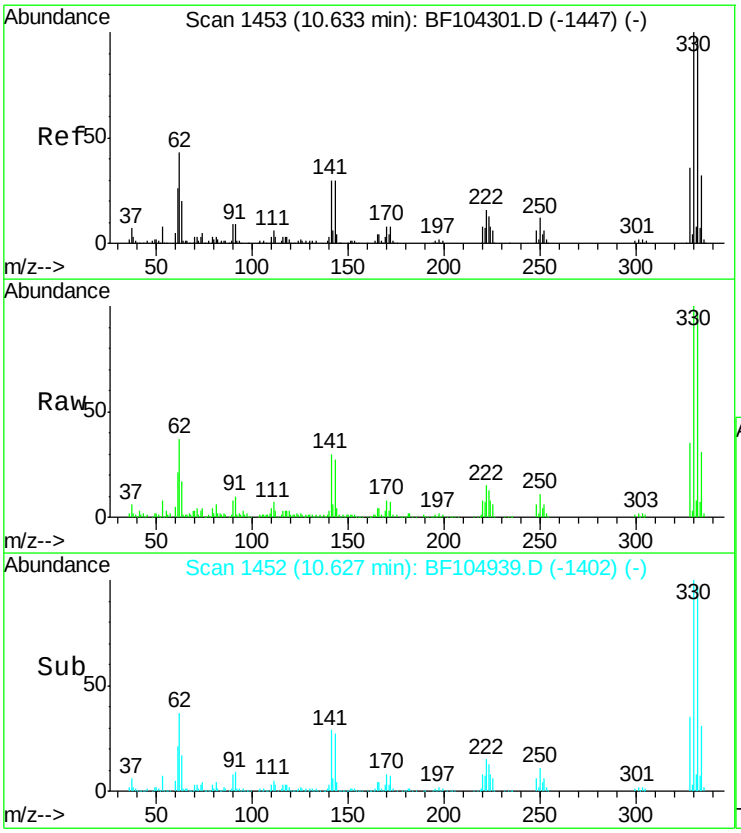
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 220066

Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	45.8	38.3	57.5

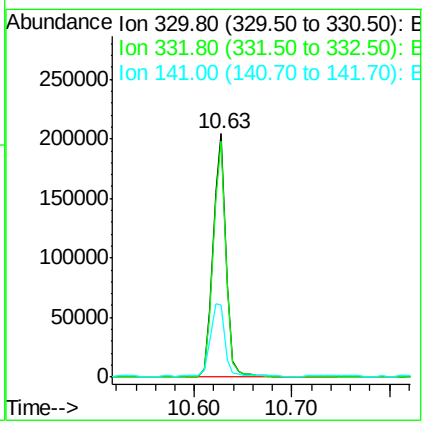


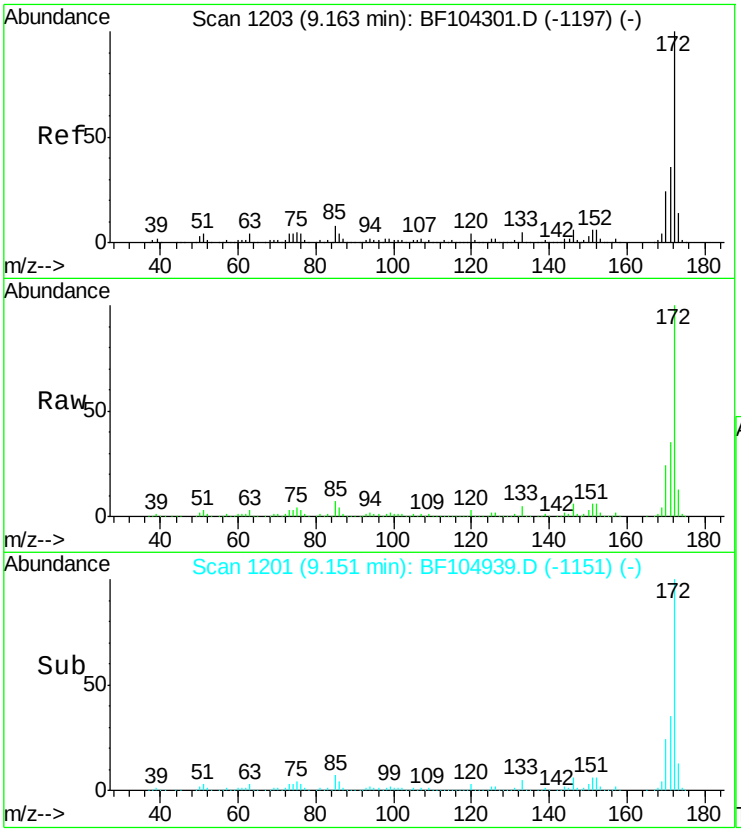


#41
2,4,6-Tribromophenol
Concen: 81.78 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Tgt Ion:330 Resp: 186677

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.6	29.9	44.9

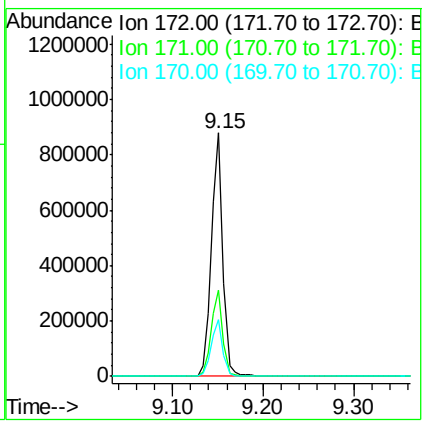




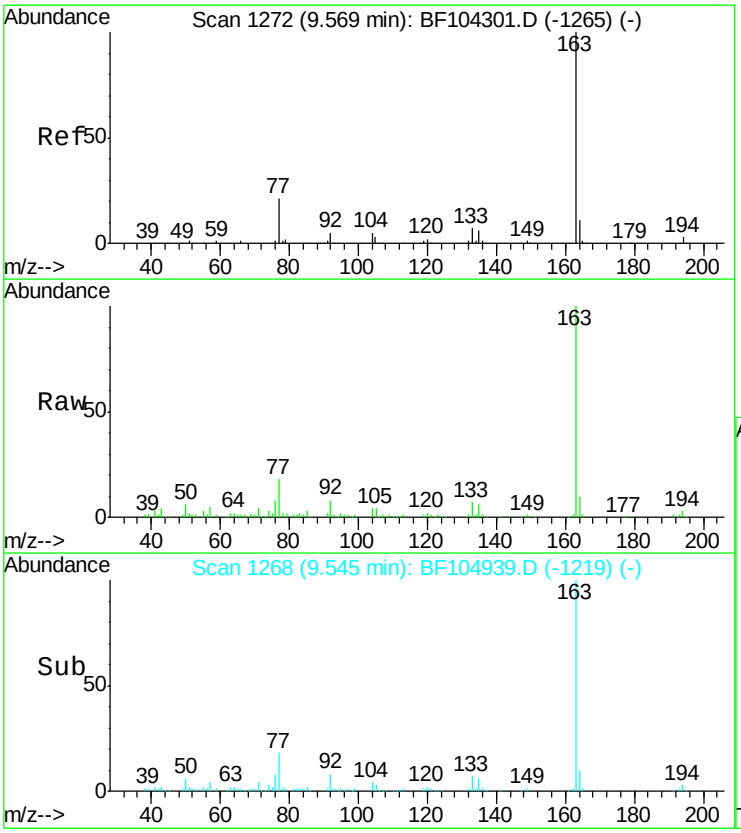
#44
2-Fluorobiphenyl
Concen: 55.72 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Tgt Ion:172 Resp: 776204

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.6	19.6	29.4



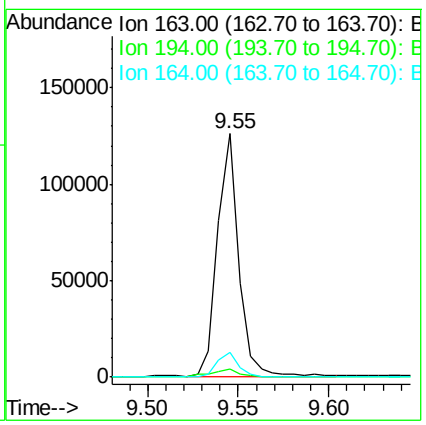
Instrument :
BNA_F
ClientSampleId :

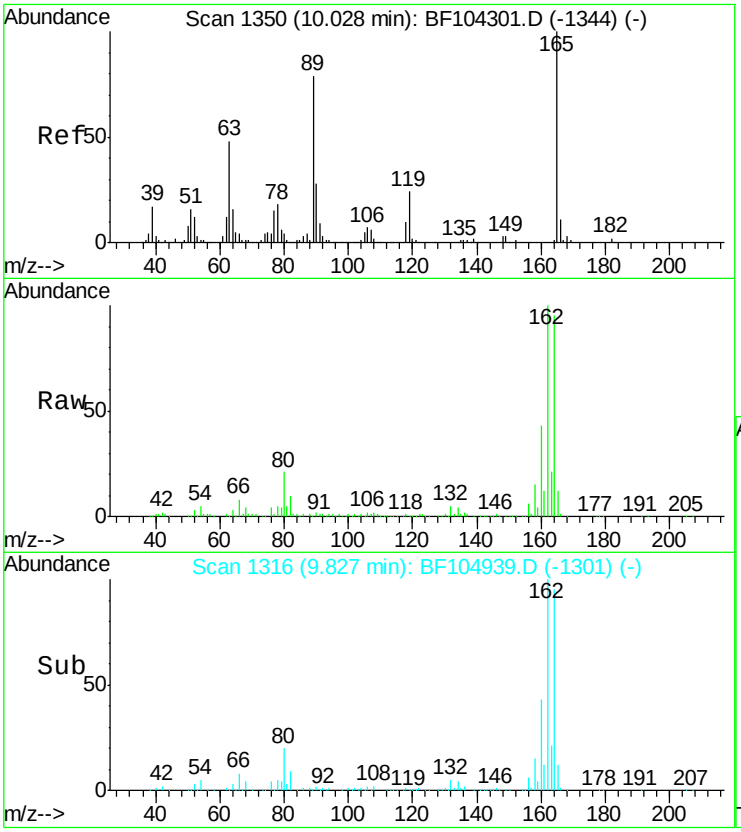


#49
Dimethylphthalate
Concen: 5.87 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Tgt Ion:163 Resp: 101783

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.9	8.2	12.2



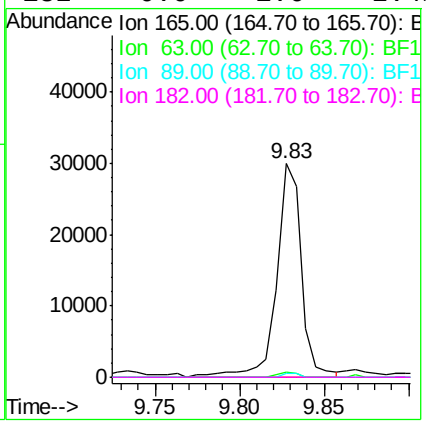


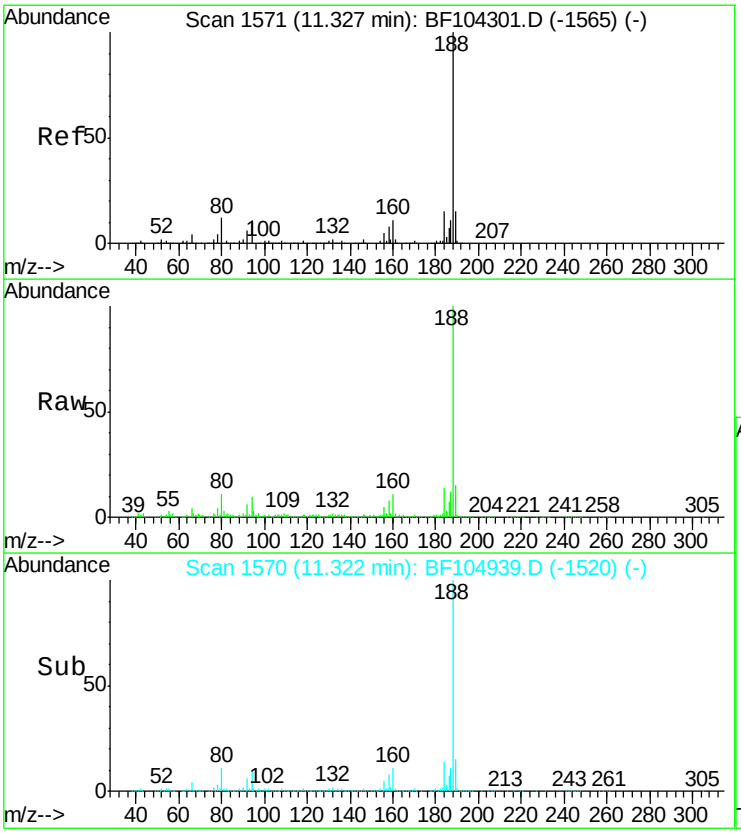
#56
2,4-Dinitrotoluene
Concen: 7.24 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30475

Ion	Ratio	Lower	Upper
165	100		
63	2.2	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

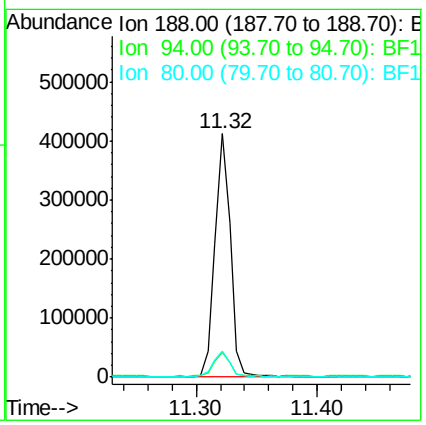


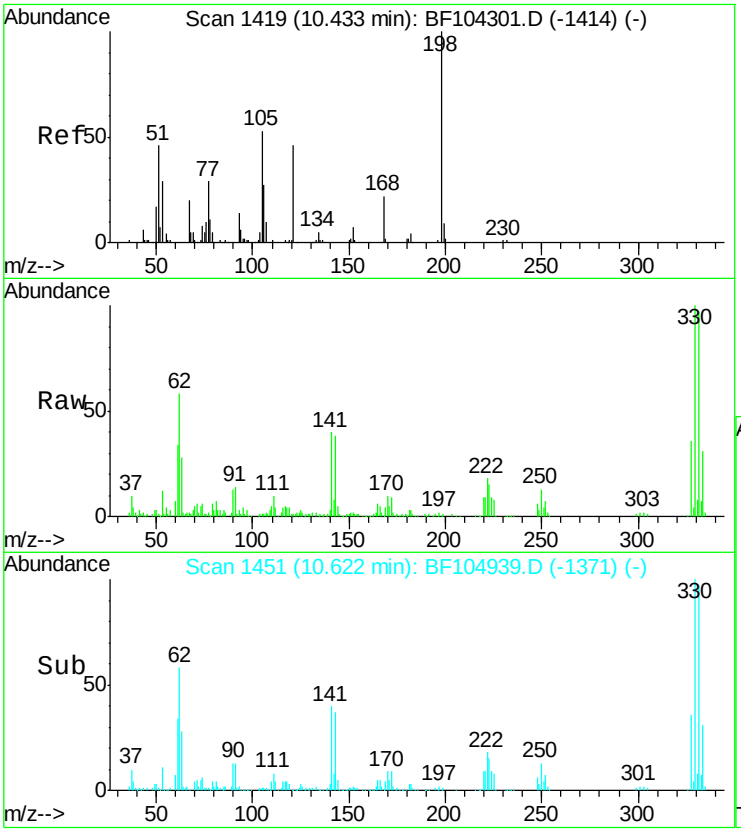


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Tgt Ion:188 Resp: 360375

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.9	9.2	13.8



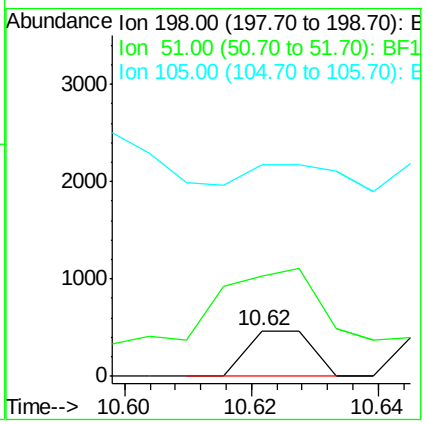


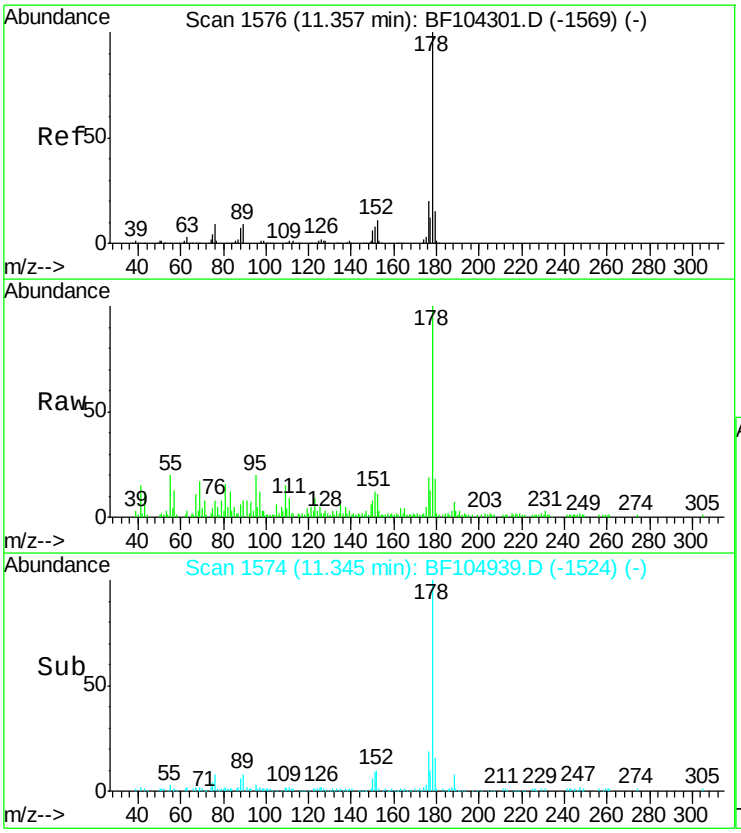
#64
4,6-Dinitro-2-methylphenol
Concen: 7.51 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.17 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 328

Ion	Ratio	Lower	Upper
198	100		
51	220.0	37.7	77.7#
105	466.1	36.3	76.3#

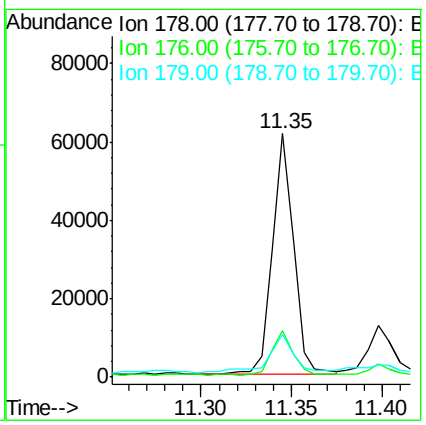


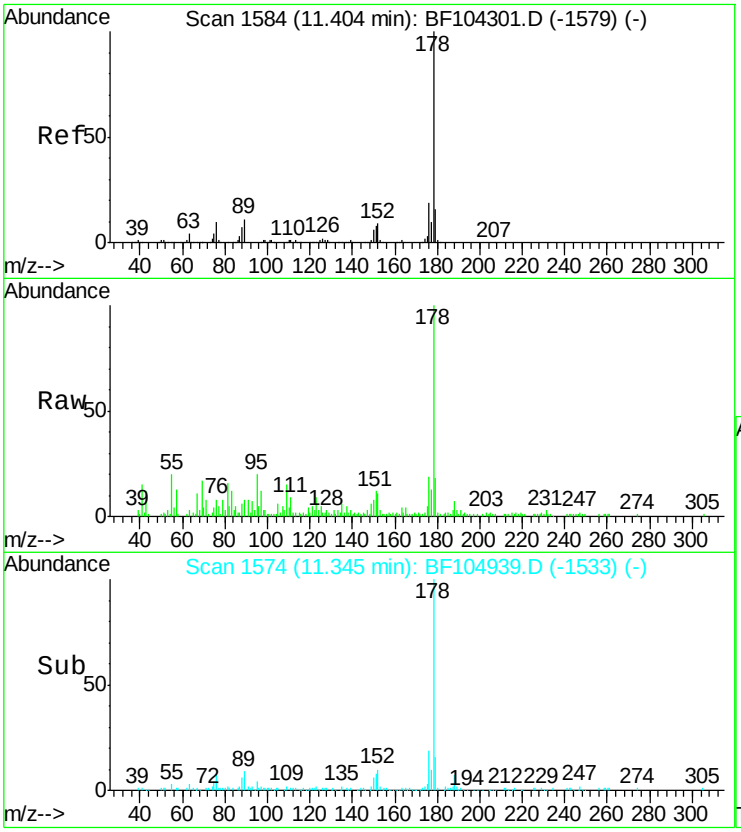


#70
Phenanthrene
Concen: 2.49 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Tgt Ion:178 Resp: 49913

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	17.6	13.0	19.6



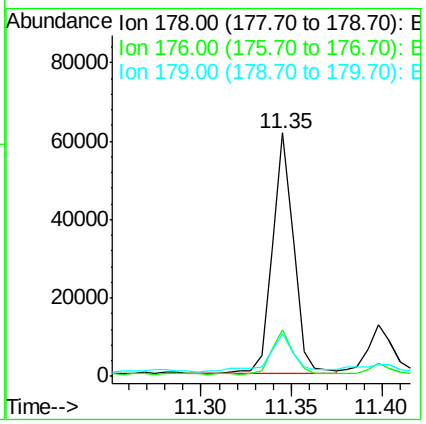


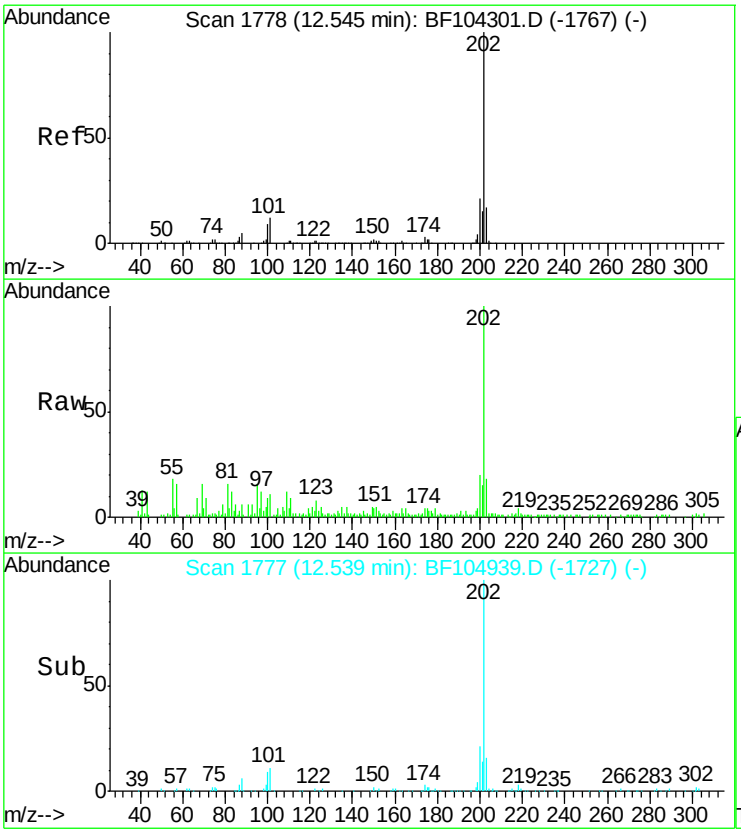
#71
Anthracene
Concen: 2.45 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.06 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 49913

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	17.6	12.6	19.0

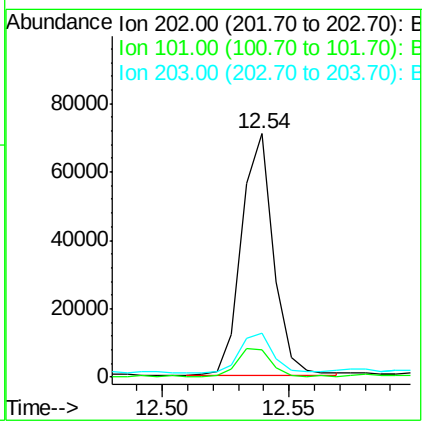


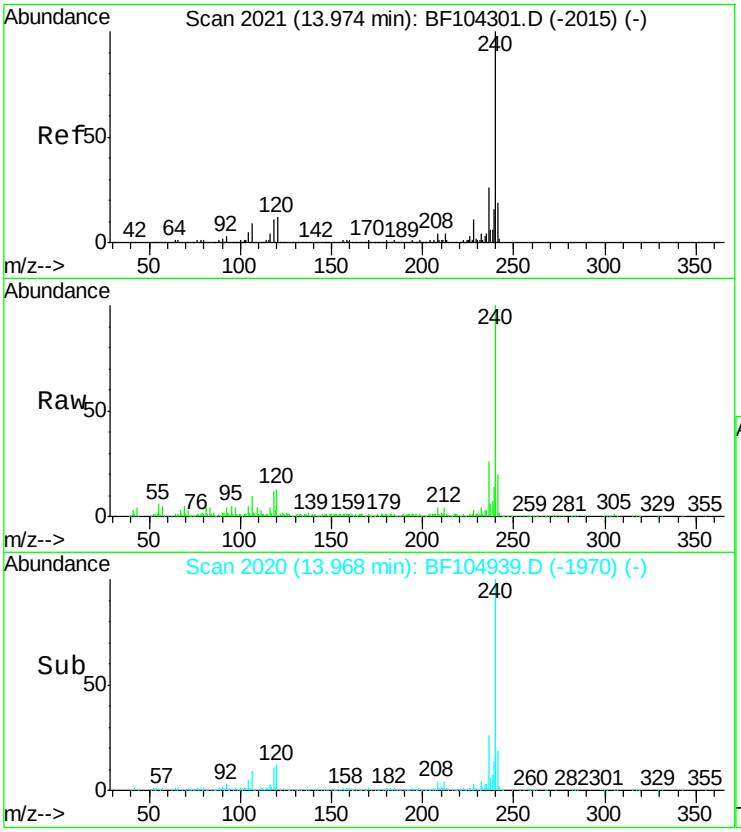


#74
Fluoranthene
Concen: 2.95 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Tgt Ion:202 Resp: 61780

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.1
203	18.1	0.0	38.1



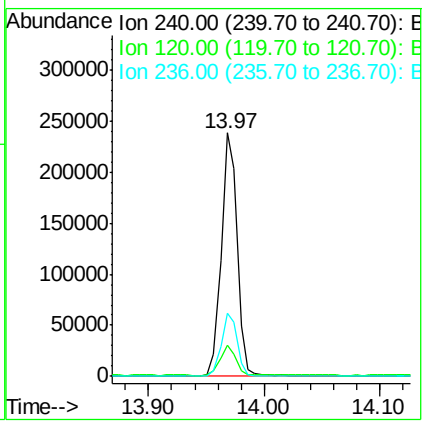


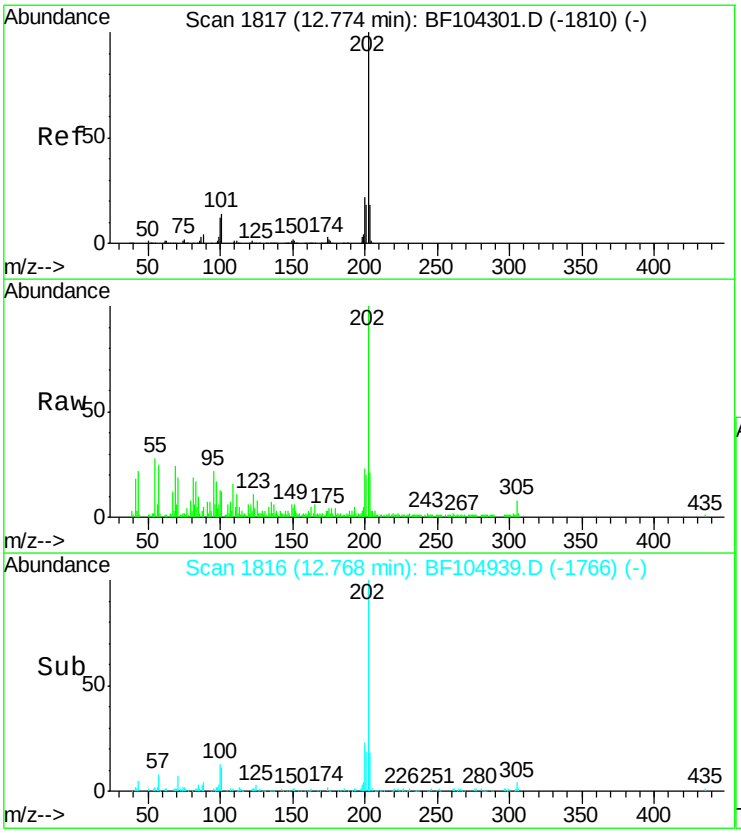
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 228471

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	26.1	20.7	31.1

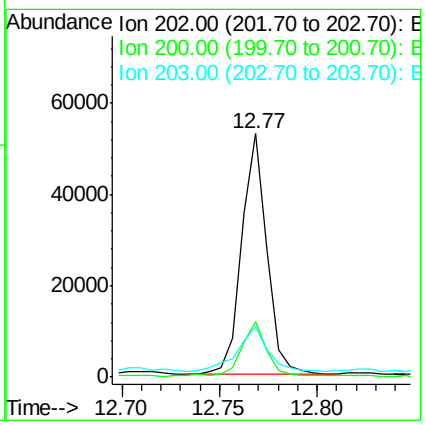


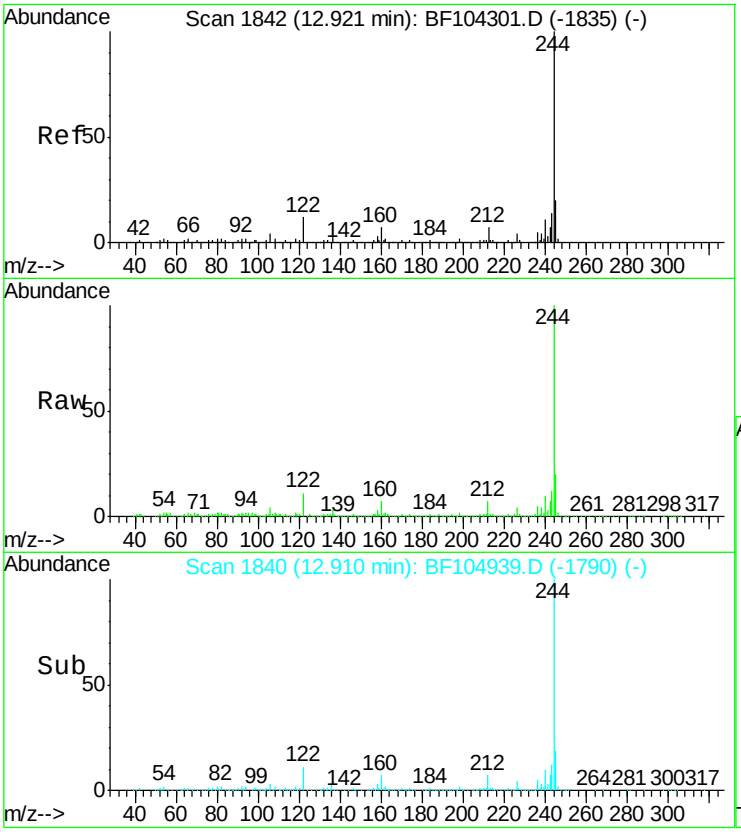


#77
Pyrene
Concen: 2.80 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Tgt Ion:202 Resp: 47382

Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.4	26.2
203	20.9	14.3	21.5



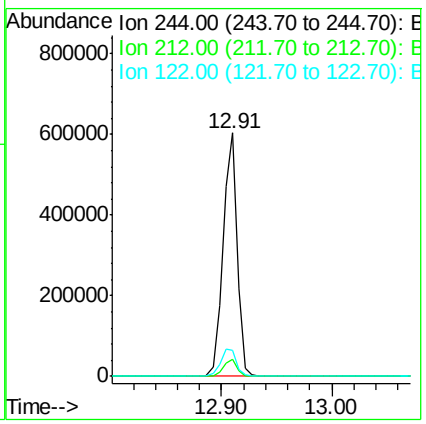


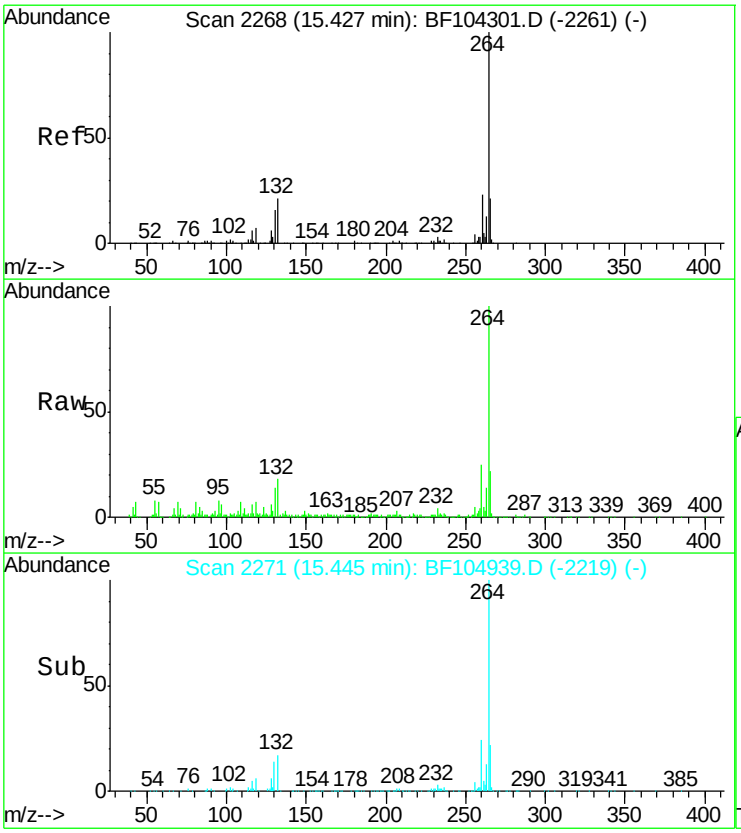
#78
Terphenyl-d14
Concen: 53.96 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 540761

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.8	11.0	16.4#

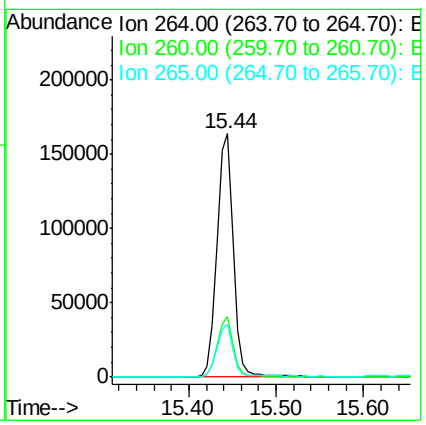


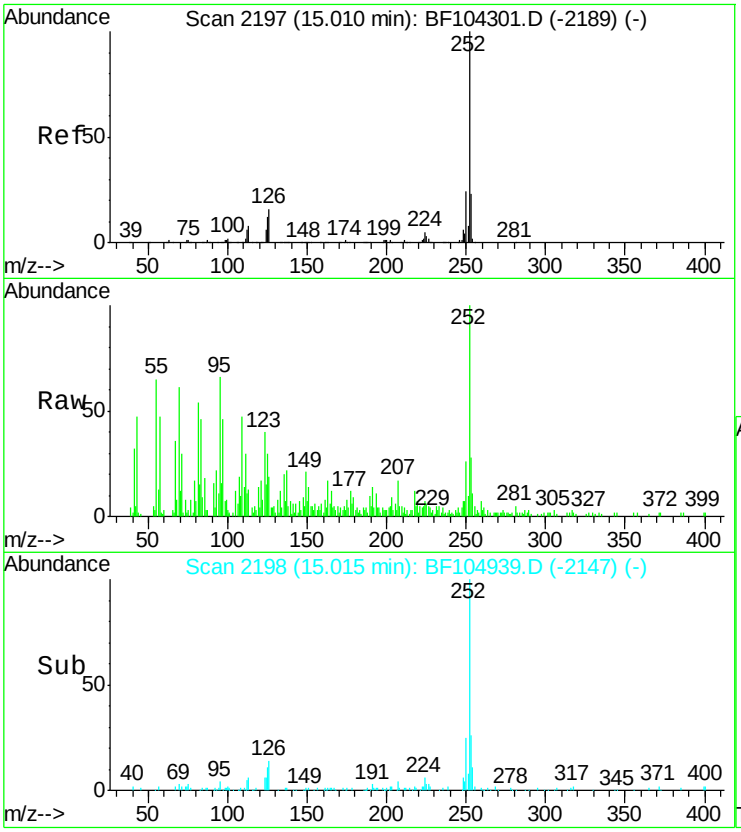


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Tgt Ion:264 Resp: 214661

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.8	17.5	26.3



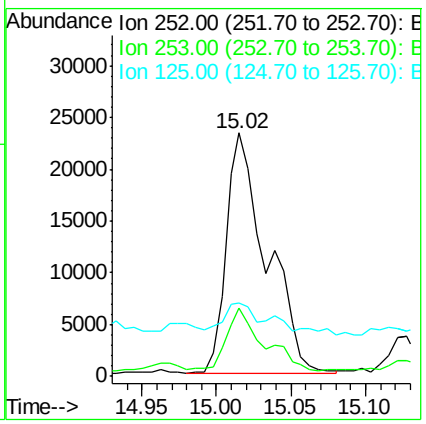


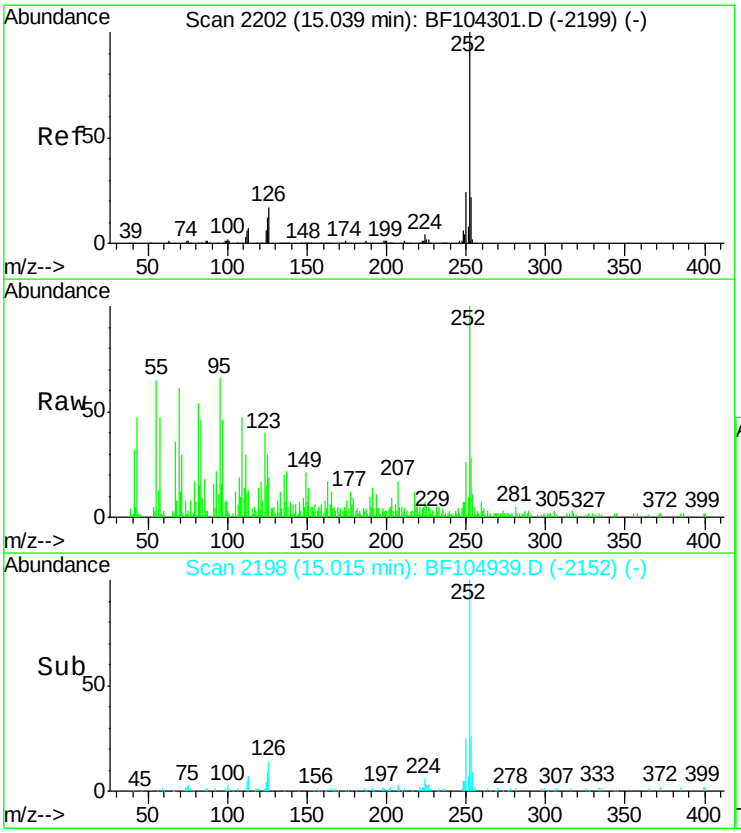
#87
Benzo(b)fluoranthene
Concen: 3.24 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 43943

Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.0	25.6#
125	30.2	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.43 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.03 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Tgt Ion:252 Resp: 43943

Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.9	26.9#
125	30.2	10.2	15.2#