Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103831.D
Acq On : 21 Mar 2018 5:09
Operator : JU/SJ
Sample : J1973-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 21 06:50:24 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166431	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	664366	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	293298	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	464056	20.00	ng		0.00
75) Chrysene-d12	14.16	240	327313	20.00	ng		0.00
86) Perylene-d12	15.70	264	271336	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	147512	13.48	ng		0.00
7) Phenol-d6	6.58	99	116593	8.71	ng		0.00
23) Nitrobenzene-d5	7.53	82	463864	48.69	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	72598	28.79	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	801146	43.57	ng		0.00
78) Terphenyl-d14	13.09	244	637413	45.20	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.59	94	58799	4.133	ng		96
19) n-Nitroso-di-n-propylamine	7.53	70	60114	7.007	ng	#	73
25) Isophorone	7.53	82	463858	21.033	ng	#	64
31) Naphthalene	8.27	128	110900	3.305	ng		98
32) Benzoic acid	8.00	122	269	9.937	ng	#	1
47) 2-Nitroaniline	9.72	65	1036	6.989	ng	#	1
49) Dimethylphthalate	9.72	163	92037	4.113	ng		100
50) 2,6-Dinitrotoluene	10.01	165	37363	11.899	ng	#	25
55) 4-Nitrophenol	10.22	139	3409	5.750	ng	#	13
56) 2,4-Dinitrotoluene	10.01	165	37363	12.145	ng	#	23

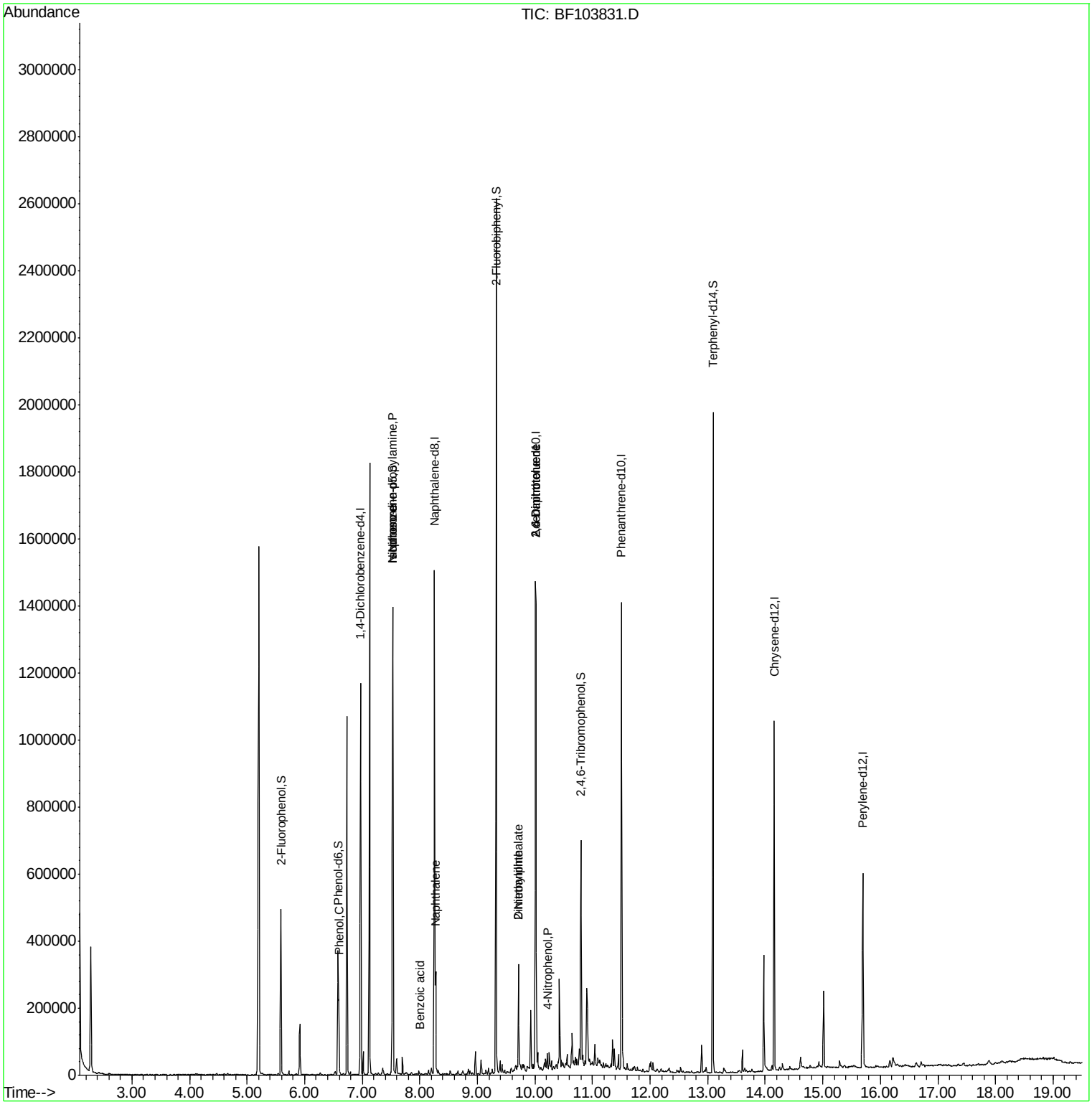
(#) = qualifier out of range (m) = manual integration (+) = signals summed

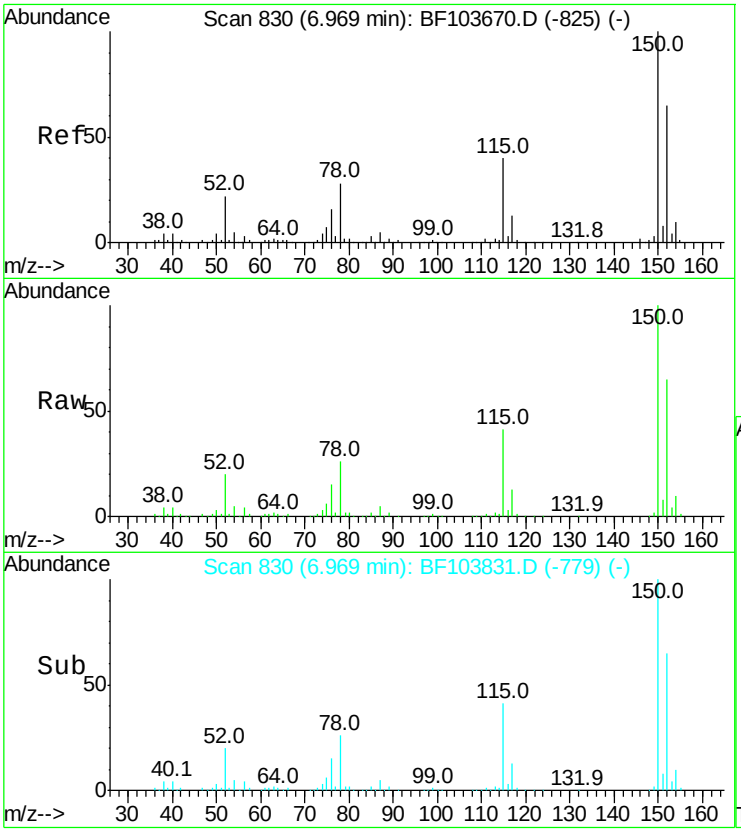
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103831.D
Acq On : 21 Mar 2018 5:09
Operator : JU/SJ
Sample : J1973-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 21 06:50:24 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration



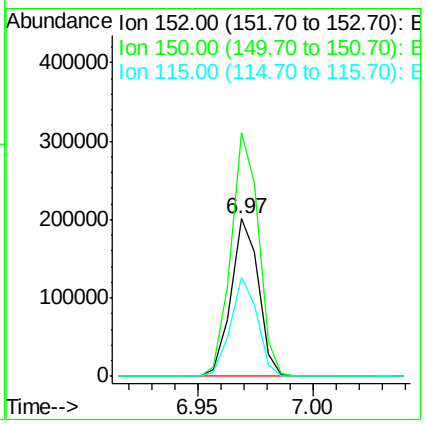


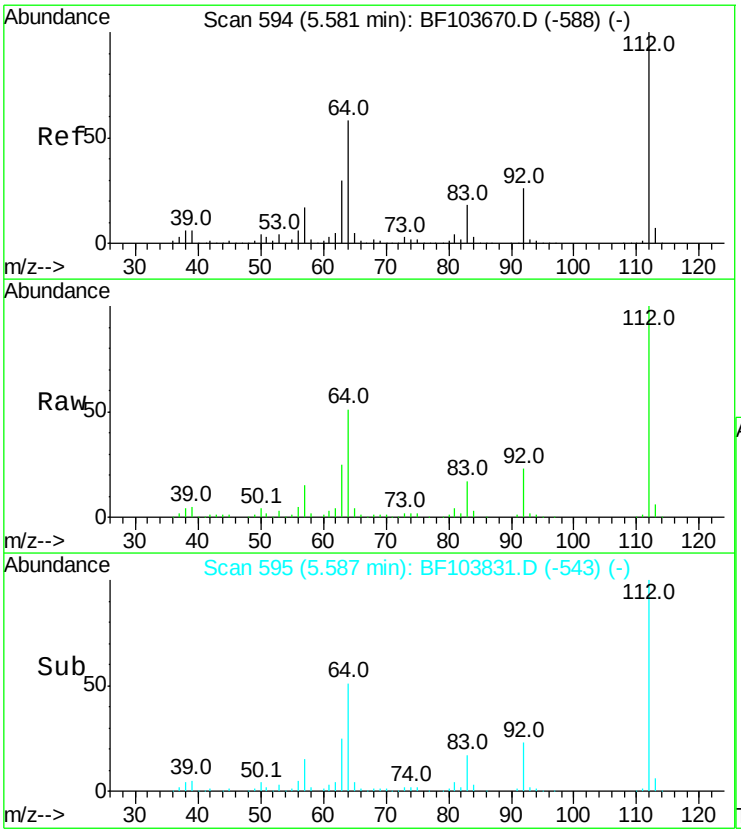
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 166431

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	62.8	50.1	75.1

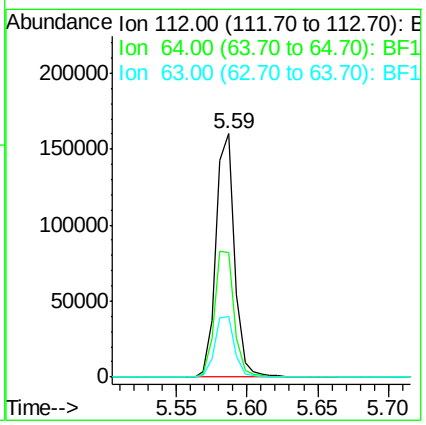


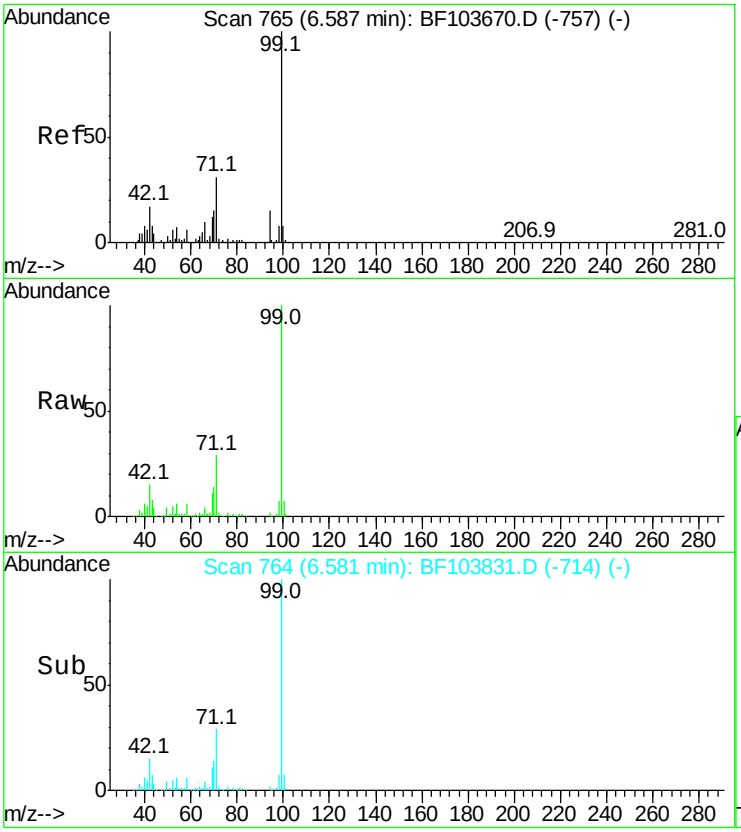


#5
2-Fluorophenol
Concen: 13.481 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Tgt Ion:112 Resp: 147512

Ion	Ratio	Lower	Upper
112	100		
64	51.4	47.9	71.9
63	25.1	23.7	35.5



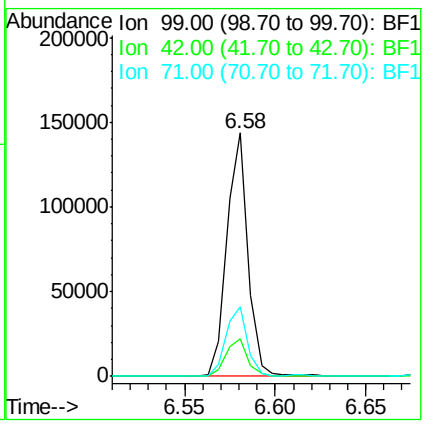


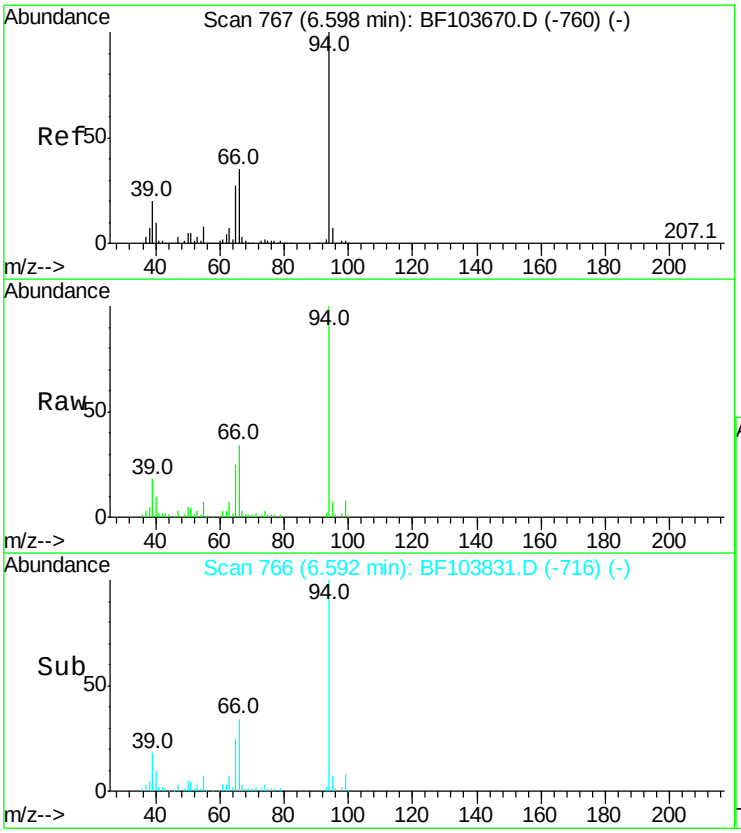
#7
Phenol-d6
Concen: 8.709 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 116593

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.5	21.7
71	28.8	25.4	38.0

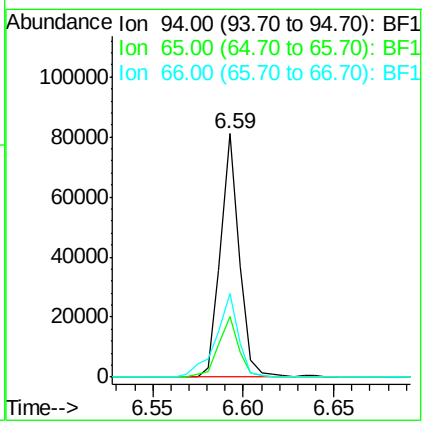


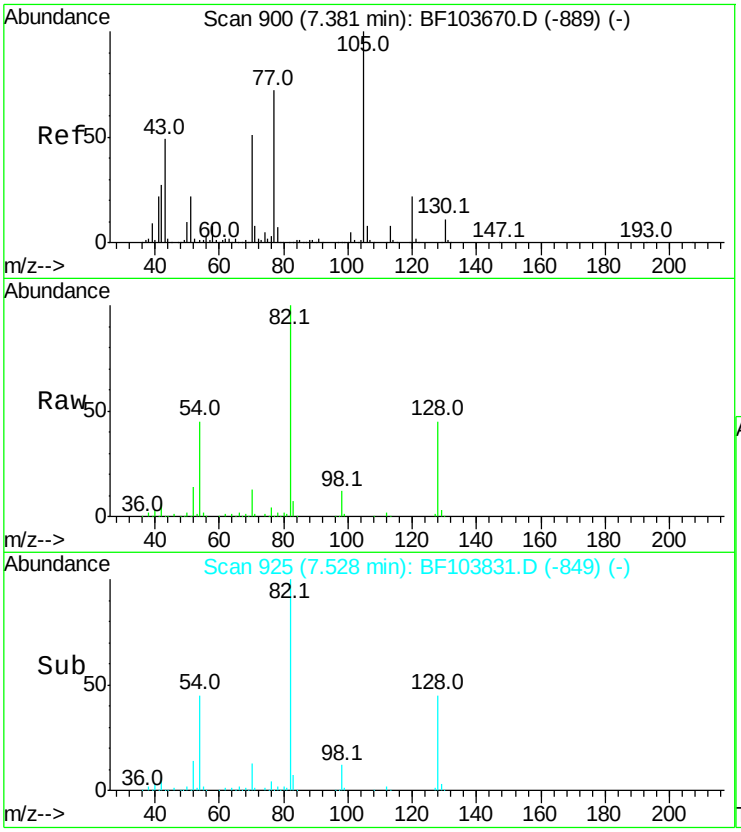


#10
Phenol
Concen: 4.133 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Tgt Ion: 94 Resp: 58799

Ion	Ratio	Lower	Upper
94	100		
65	24.9	7.9	47.9
66	34.2	16.2	56.2



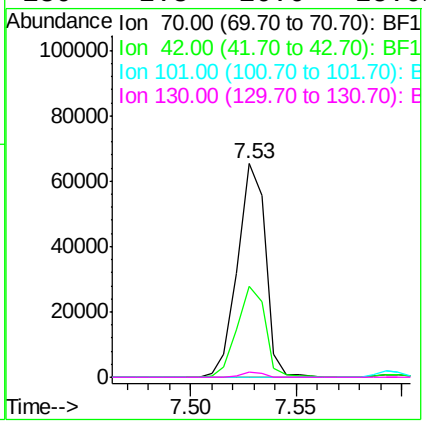


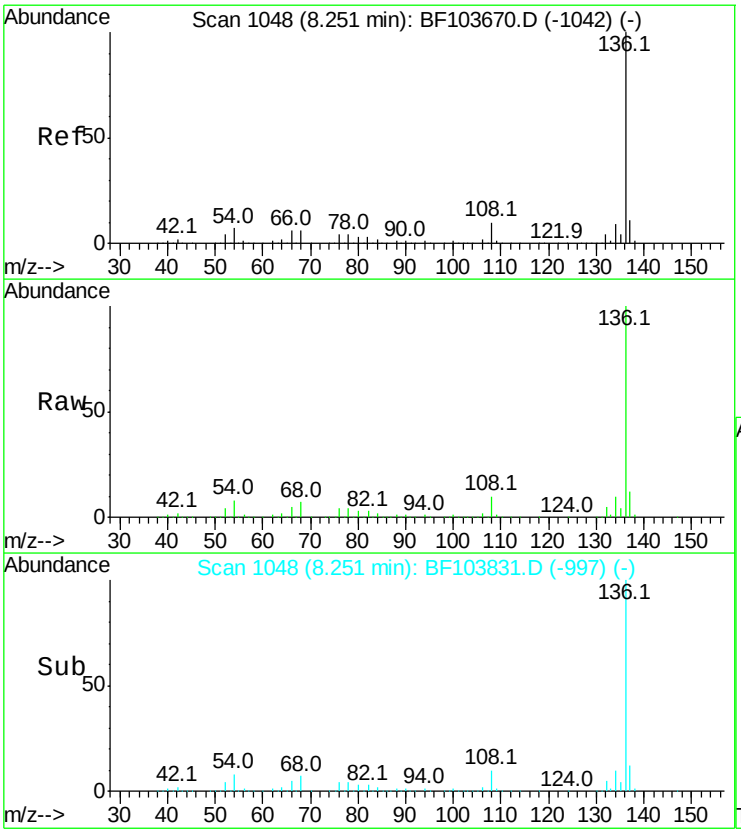
#19
n-Nitroso-di-n-propylamine
Concen: 7.007 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 60114

Ion	Ratio	Lower	Upper
70	100		
42	42.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

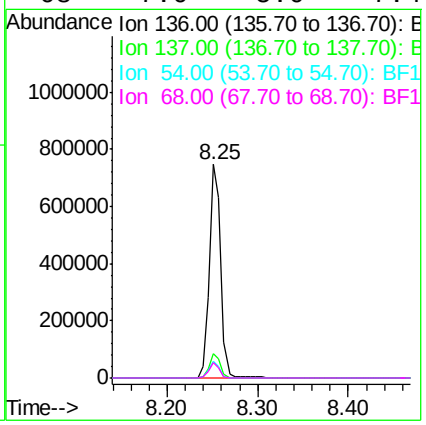


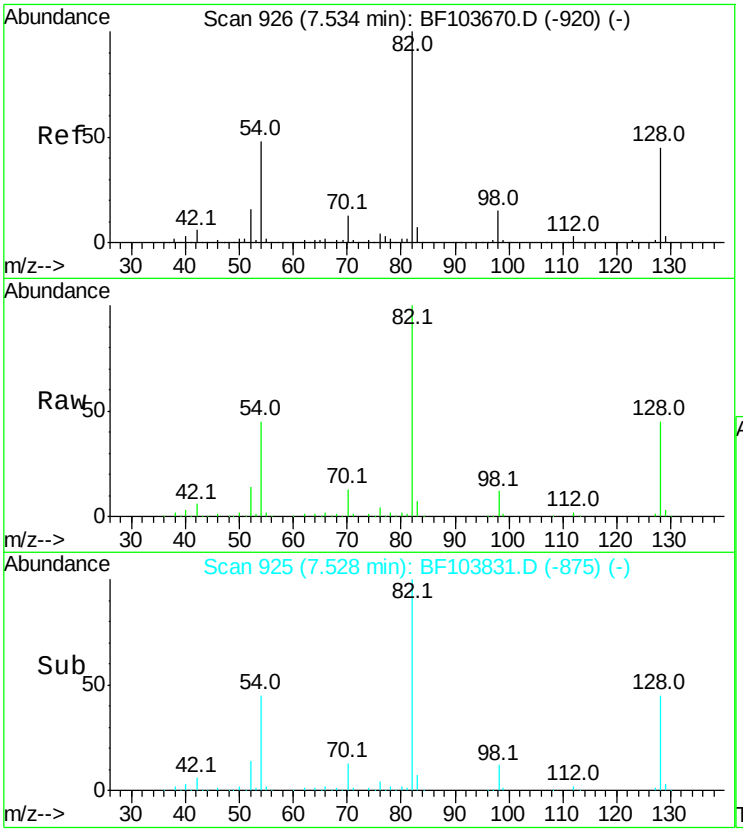


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Tgt Ion:136 Resp: 664366

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	7.8	6.6	9.8
68	7.0	5.0	7.4



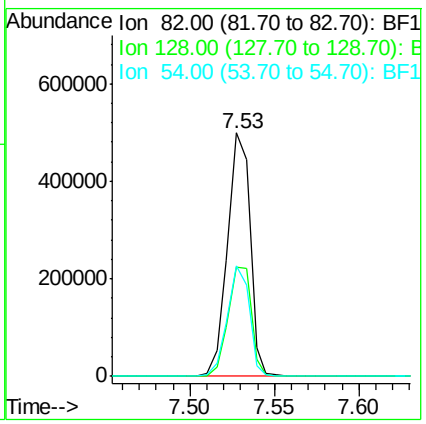


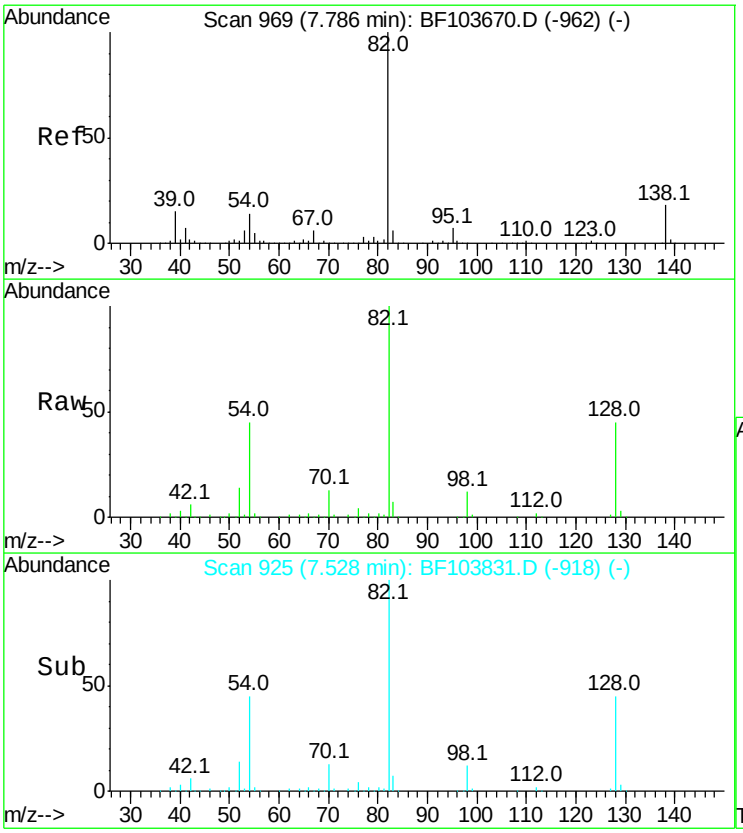
#23
Nitrobenzene-d5
Concen: 48.690 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 463864

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	45.4	41.4	62.2

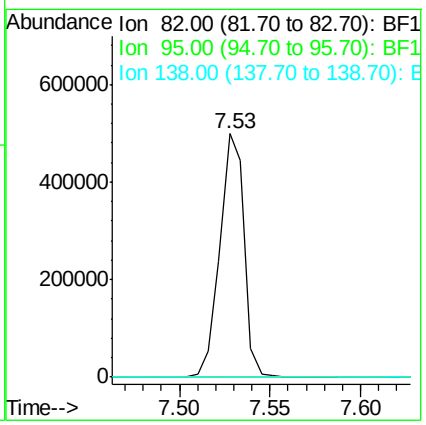


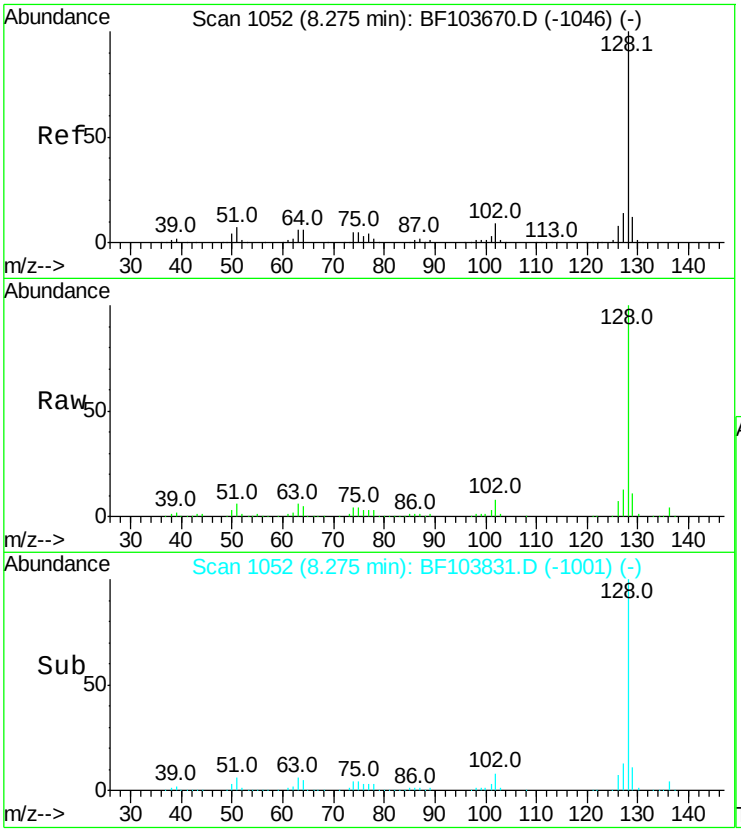


#25
Isophorone
Concen: 21.033 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.26 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Tgt Ion: 82 Resp: 463858

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



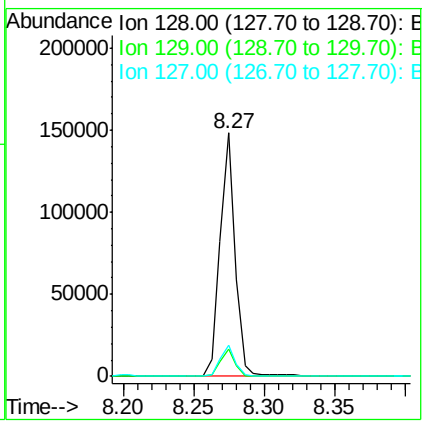


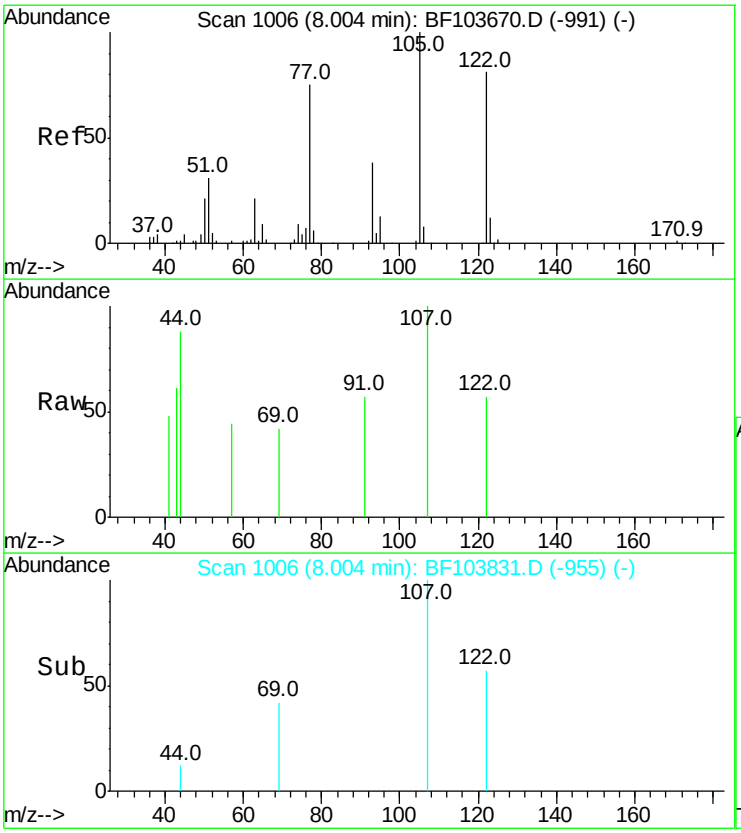
#31
Naphthalene
Concen: 3.305 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 110900

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	12.8	10.9	16.3

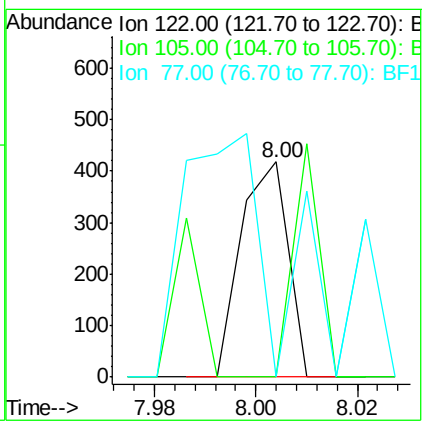


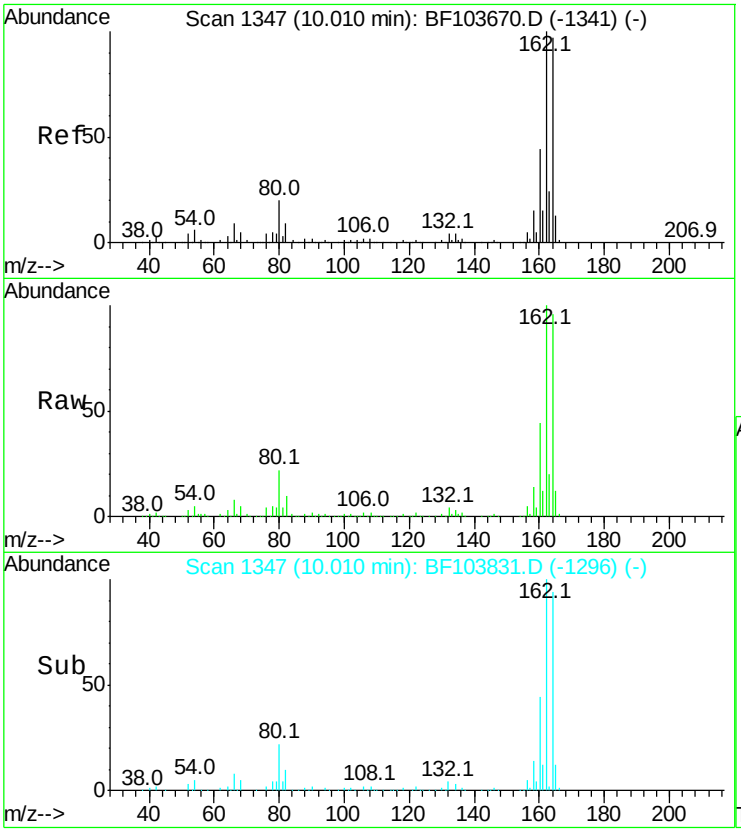


#32
Benzoic acid
Concen: 9.937 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Tgt Ion:122 Resp: 269

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#



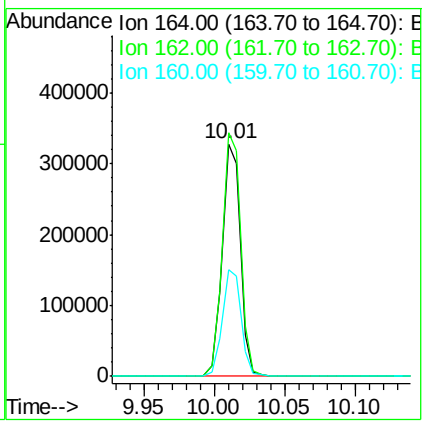


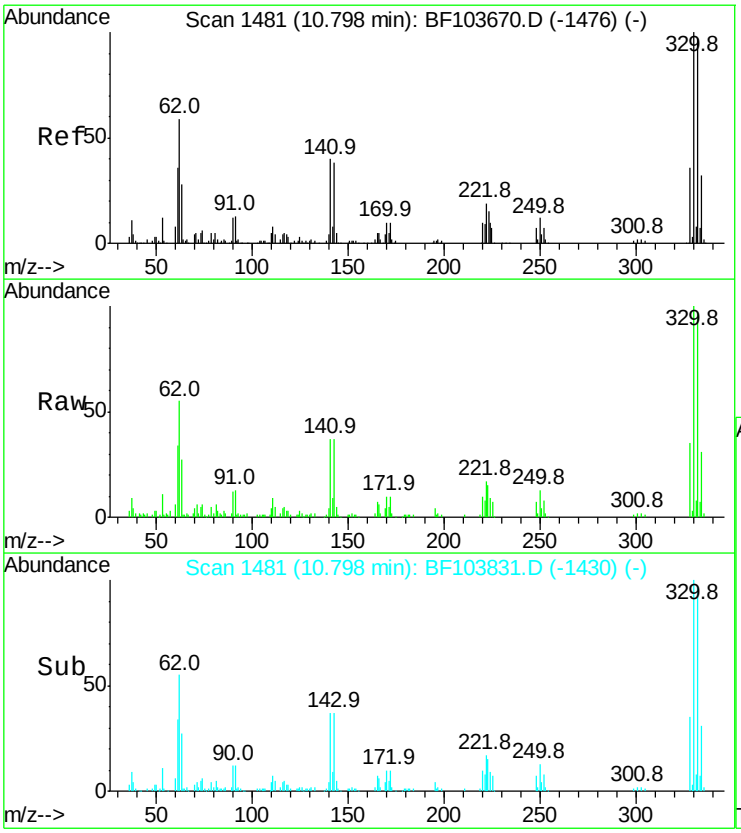
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 293298

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	45.7	38.3	57.5

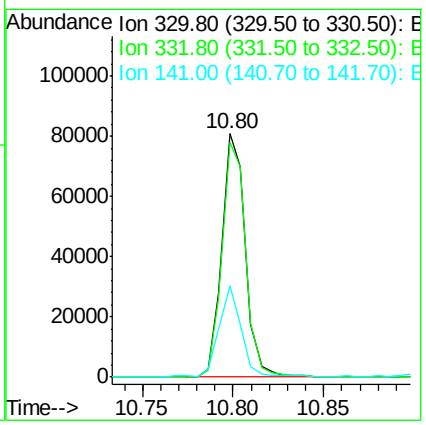


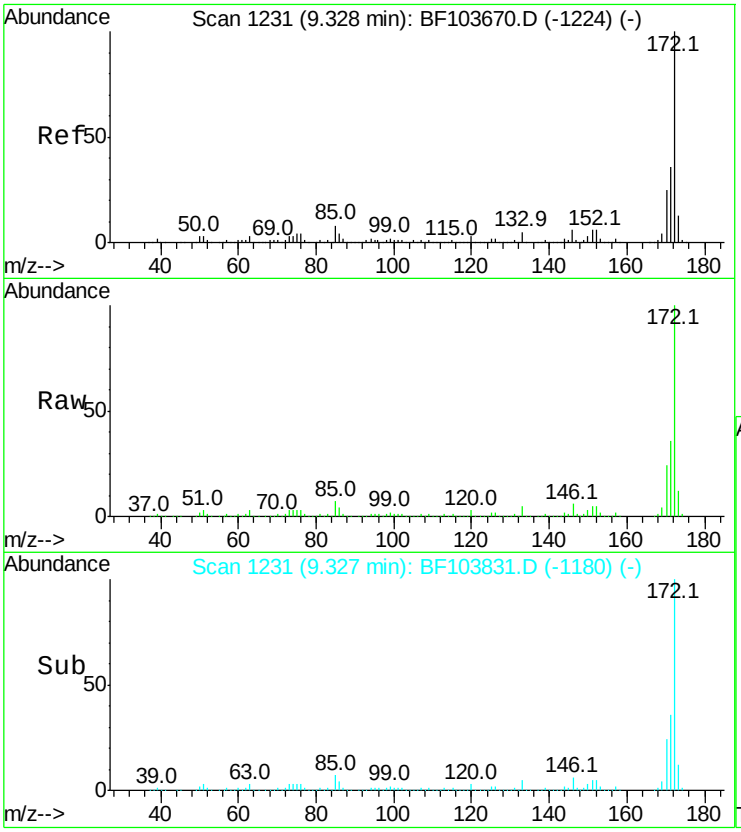


#41
2,4,6-Tribromophenol
Concen: 28.788 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Tgt Ion:330 Resp: 72598

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	36.3	29.9	44.9



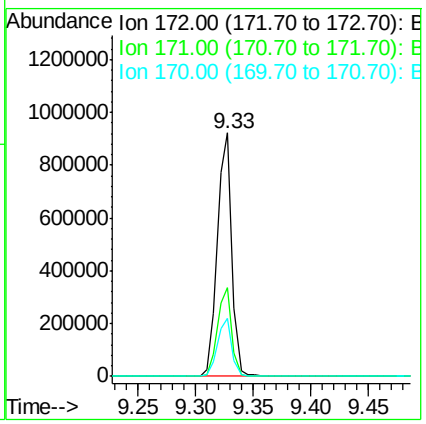


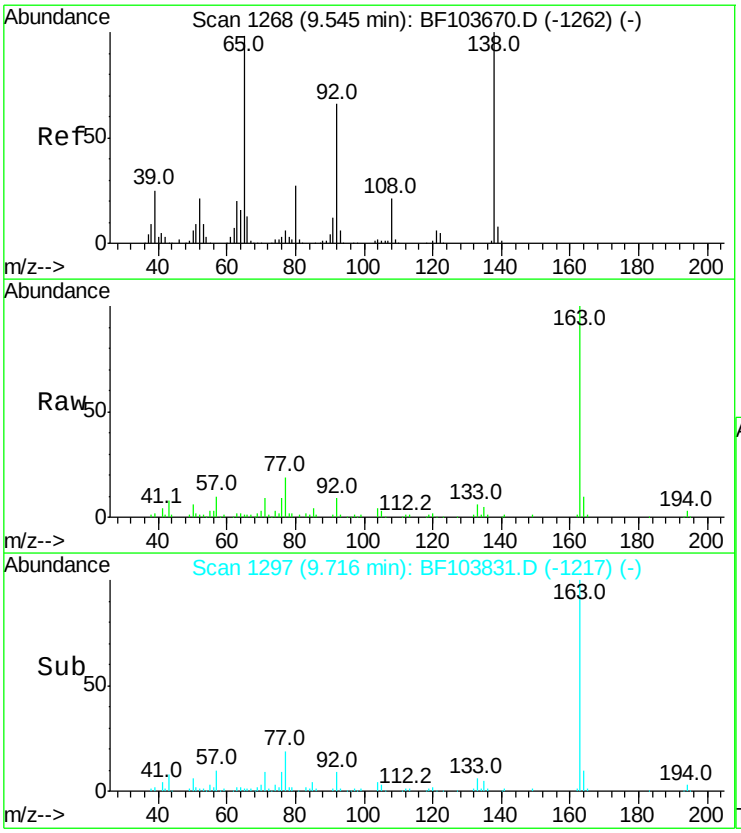
#44
2-Fluorobiphenyl
Concen: 43.572 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 801146

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4

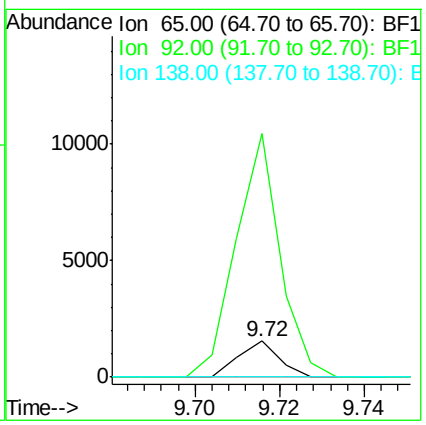


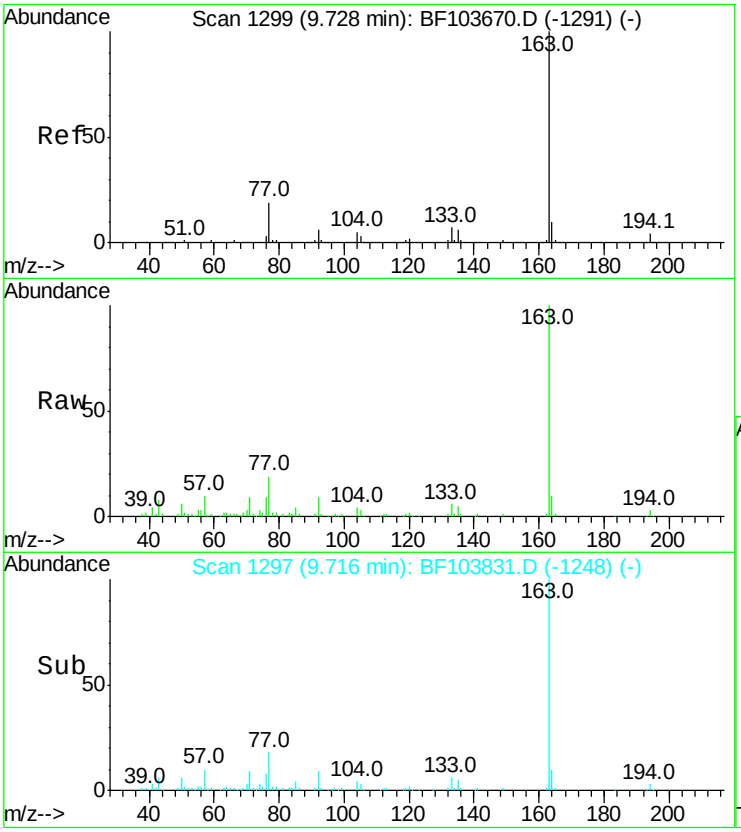


#47
2-Nitroaniline
Concen: 6.989 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.17 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Tgt Ion: 65 Resp: 1036

Ion	Ratio	Lower	Upper
65	100		
92	675.1	55.8	83.6#
138	0.0	91.2	136.8#



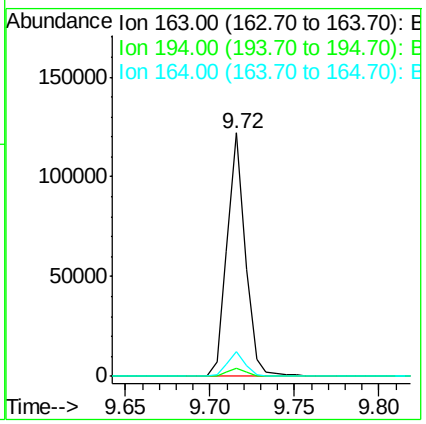


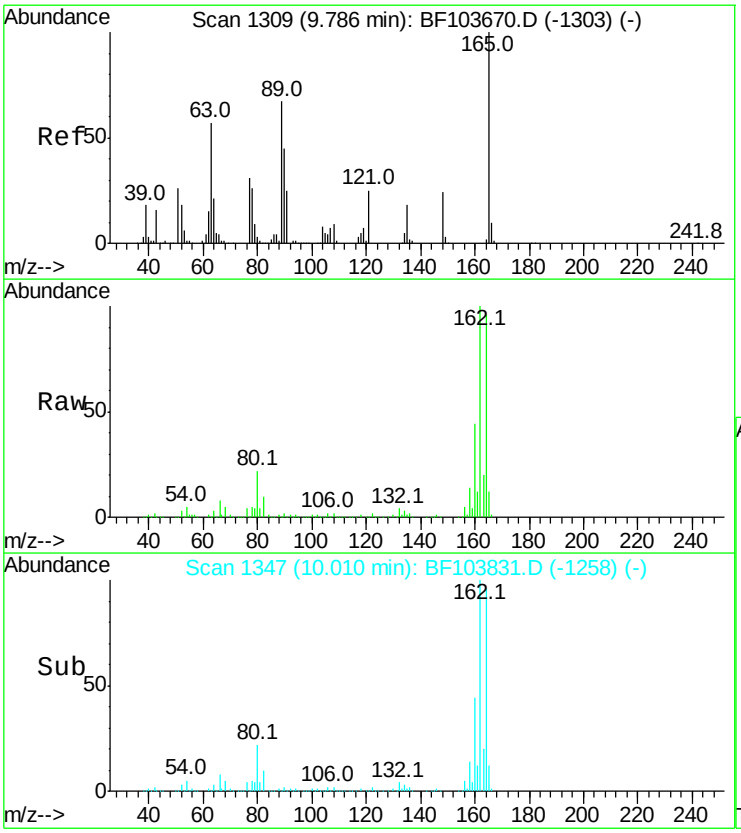
#49
Dimethylphthalate
Concen: 4.113 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 92037

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.3	8.2	12.2

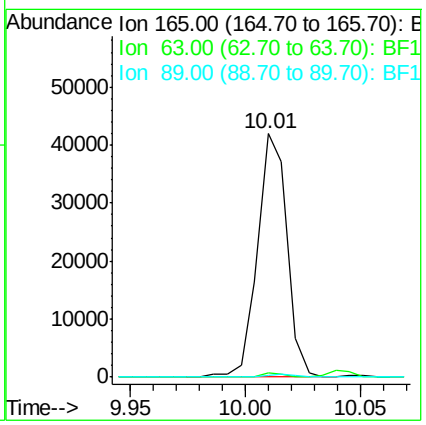


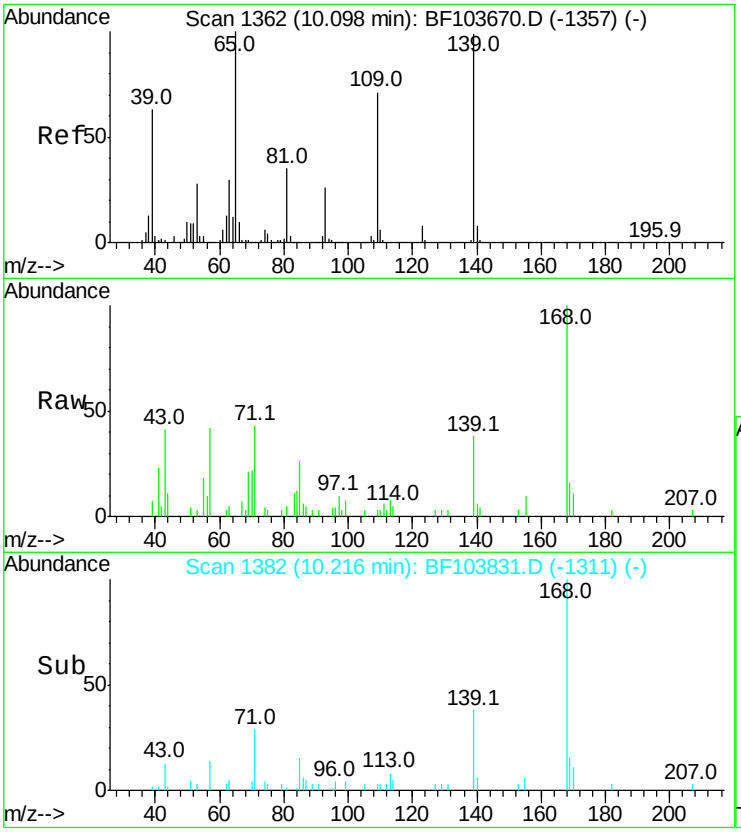


#50
2,6-Dinitrotoluene
Concen: 11.899 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Tgt Ion:165 Resp: 37363

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	0.9	44.0	66.0#



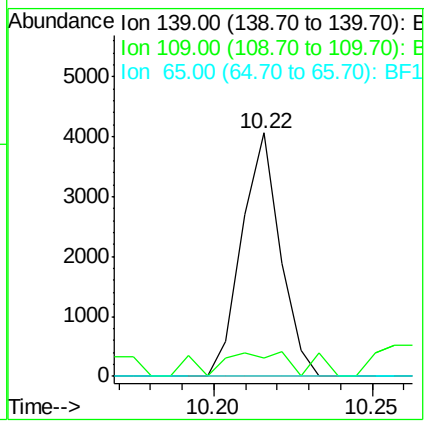


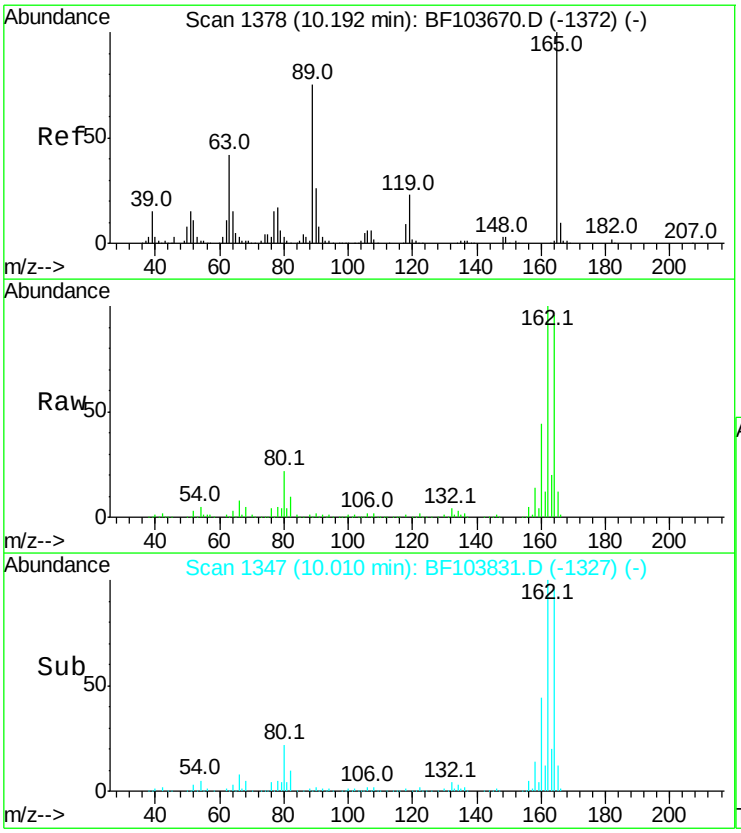
#55
4-Nitrophenol
Concen: 5.750 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.12 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 3409

Ion	Ratio	Lower	Upper
139	100		
109	7.7	48.4	88.4#
65	0.0	72.6	112.6#

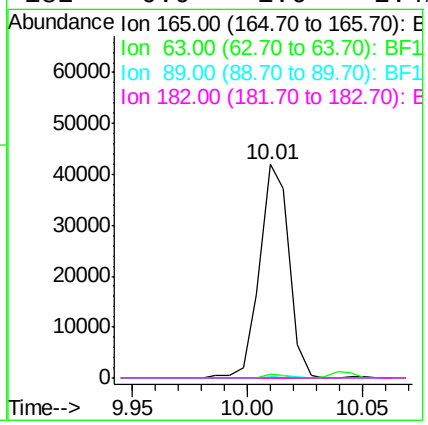


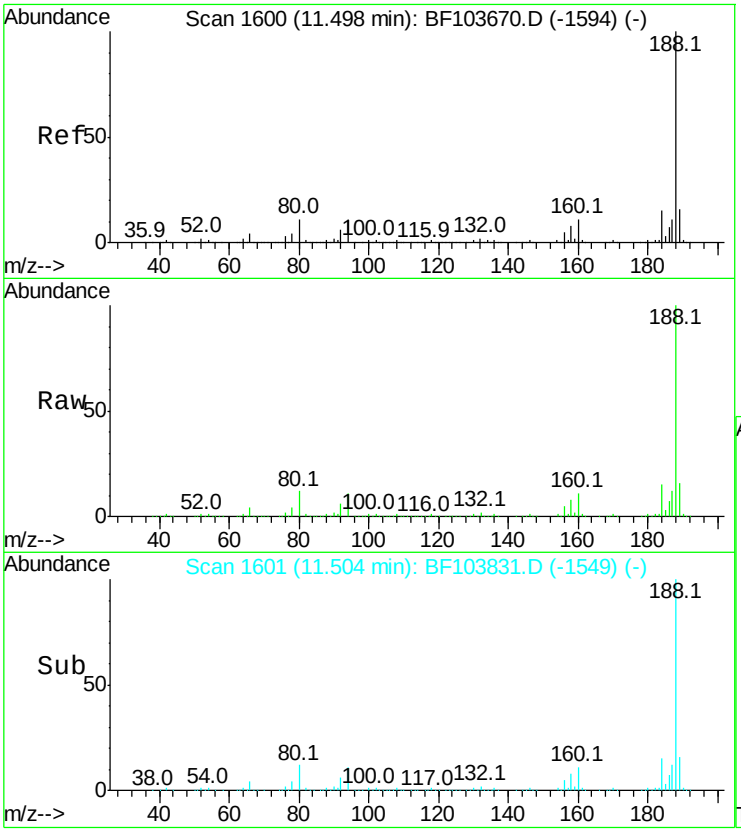


#56
2,4-Dinitrotoluene
Concen: 12.145 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.18 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Tgt Ion:165 Resp: 37363

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	0.9	57.8	86.6#
182	0.0	1.6	2.4#



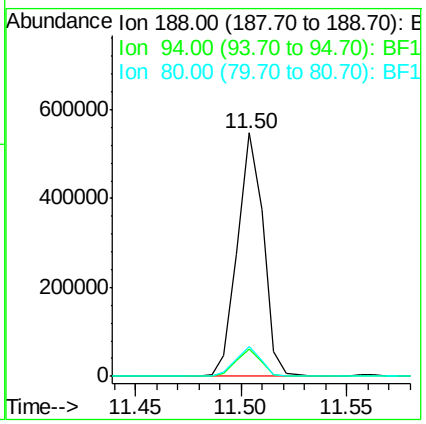


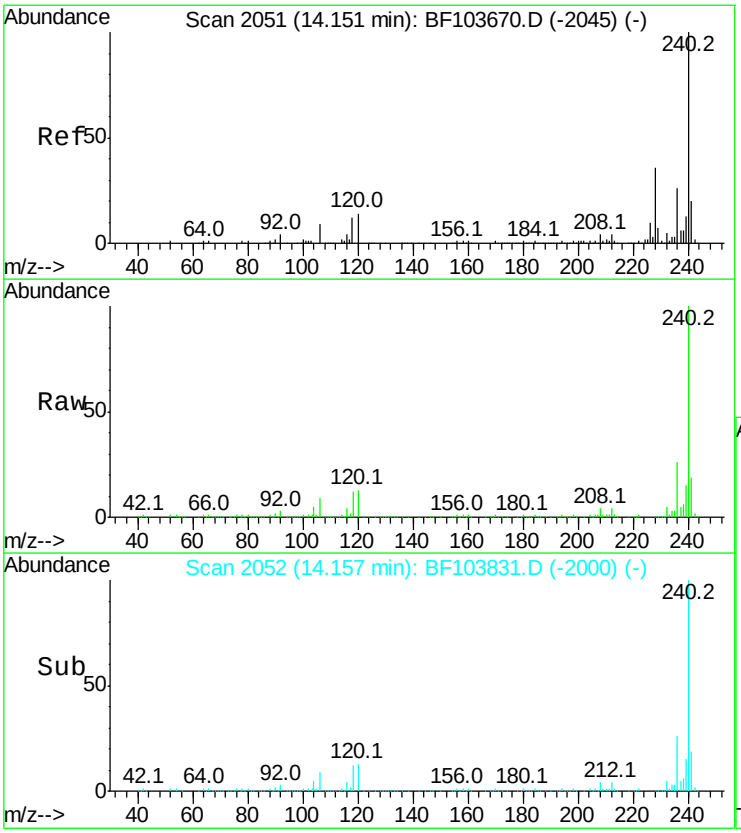
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 464056

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.4	9.2	13.8

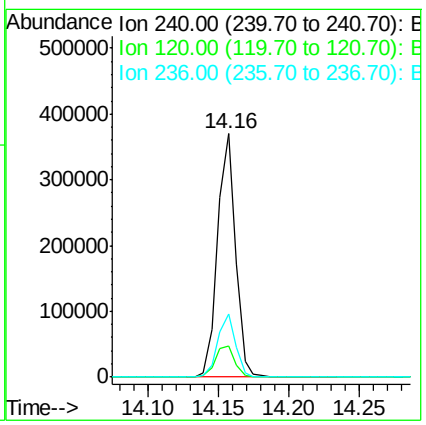


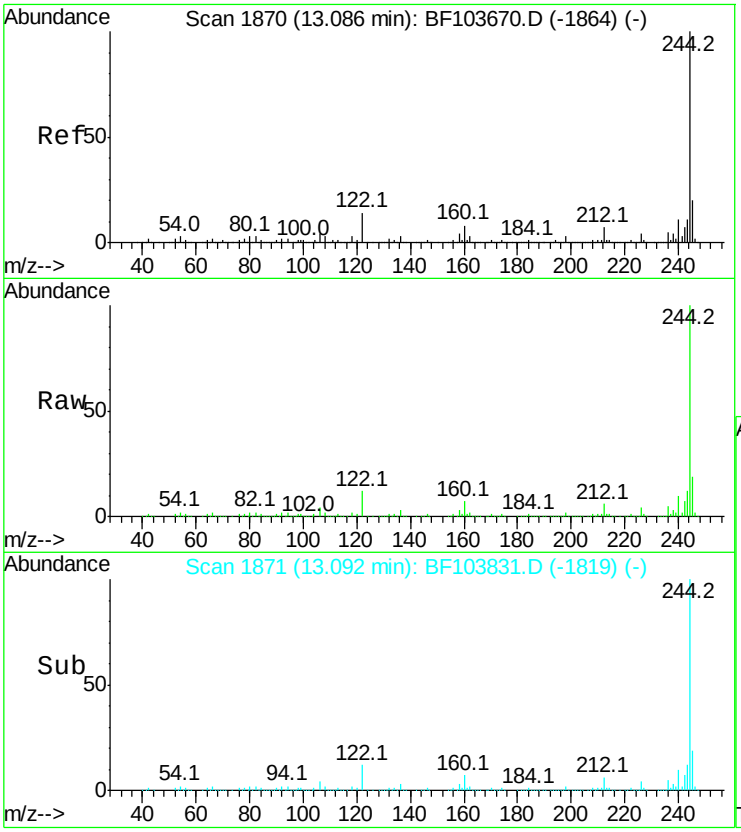


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Tgt Ion:240 Resp: 327313

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



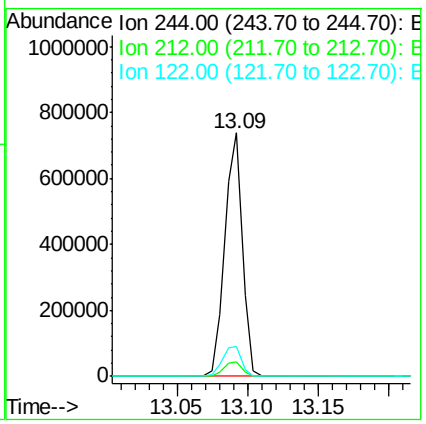


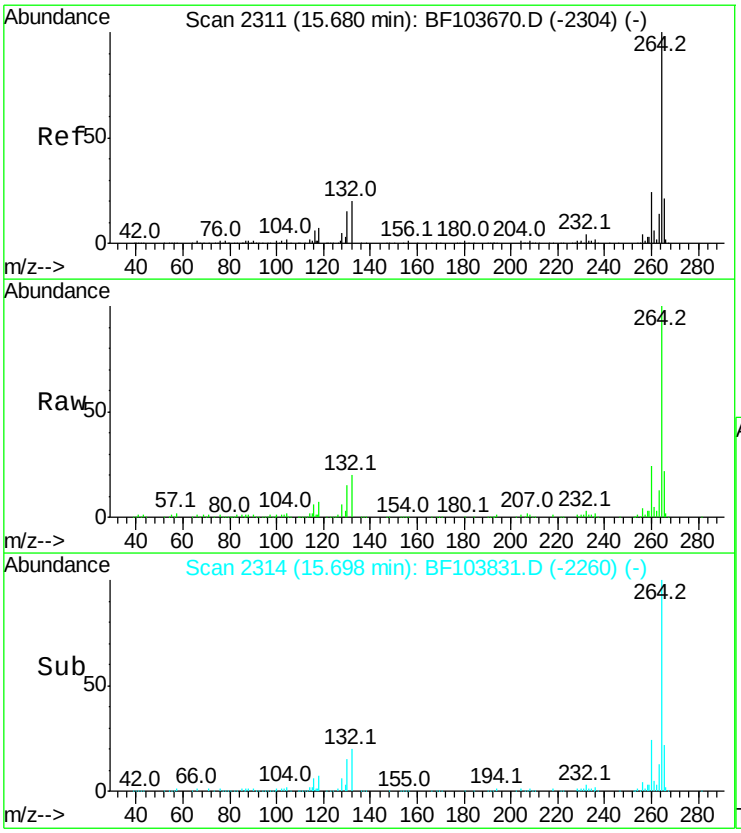
#78
Terphenyl-d14
Concen: 45.202 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 637413

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	12.2	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. 0.02 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Tgt Ion:264 Resp: 271336

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	17.5	26.3