Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103746.D
Acq On : 19 Mar 2018 10:22
Operator : JU/SJ
Sample : J1929-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 19 10:55:54 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 10:47:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	190428	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	772241	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	369058	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	653894	20.00	ng	0.00
75) Chrysene-d12	14.16	240	569073	20.00	ng	0.00
86) Perylene-d12	15.69	264	502138	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1472761	117.63	ng	0.02
7) Phenol-d6	6.60	99	1684645	109.98	ng	0.00
23) Nitrobenzene-d5	7.53	82	1301897	117.57	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	511297	161.13	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2104550	90.96	ng	0.00
78) Terphenyl-d14	13.10	244	2028999	82.76	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	174318	17.758	ng	# 74
25) Isophorone	7.53	82	1301866	50.785	ng	# 64
32) Benzoic acid	7.94	122	3238	10.237	ng	93
47) 2-Nitroaniline	9.33	65	3813	7.326	ng	# 2
50) 2,6-Dinitrotoluene	10.01	165	46884	11.877	ng	# 25
52) 3-Nitroaniline	10.10	138	143	3.835	ng	# 2
56) 2,4-Dinitrotoluene	10.01	165	46884	12.128	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	1053	8.599	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	30285	4.511	ng	# 1
76) Benzidine	12.85	184	556488	22.928	ng	# 82

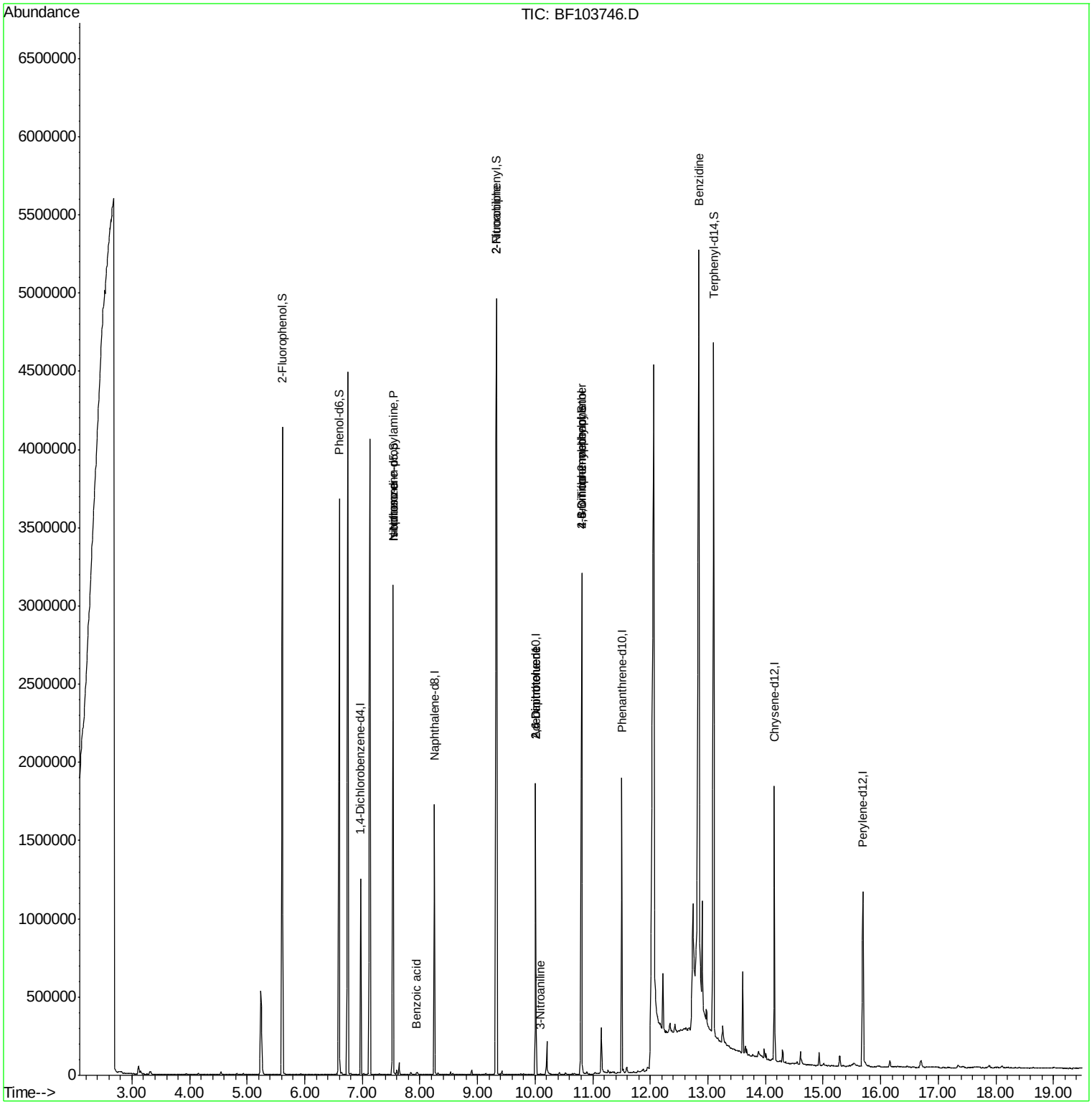
(#) = qualifier out of range (m) = manual integration (+) = signals summed

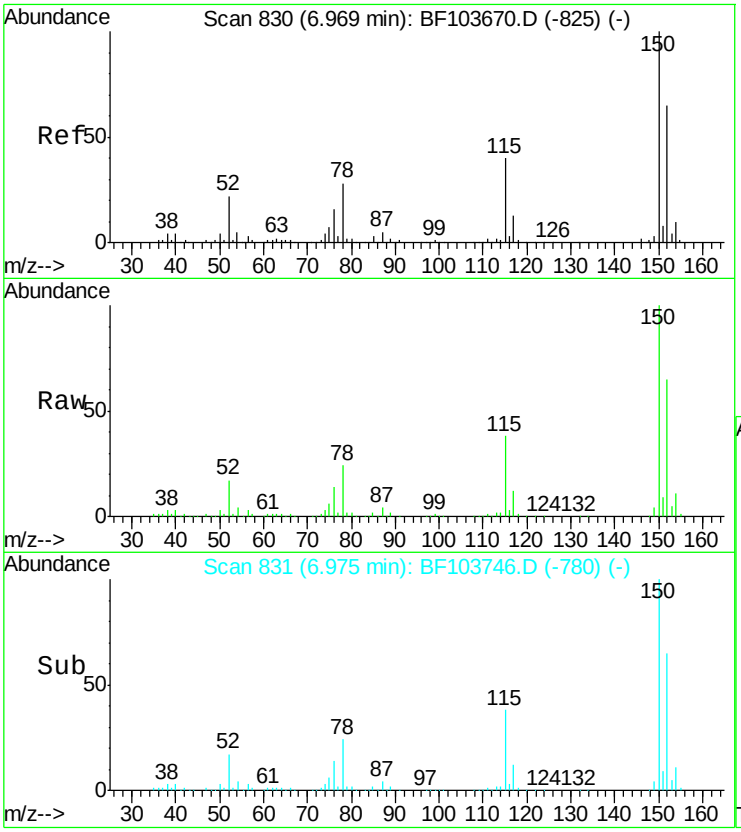
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103746.D
Acq On : 19 Mar 2018 10:22
Operator : JU/SJ
Sample : J1929-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 19 10:55:54 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 10:47:21 2018
Response via : Initial Calibration



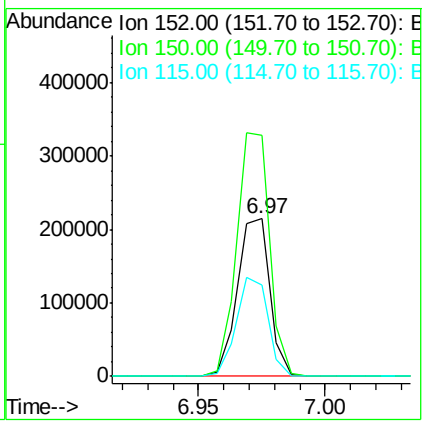


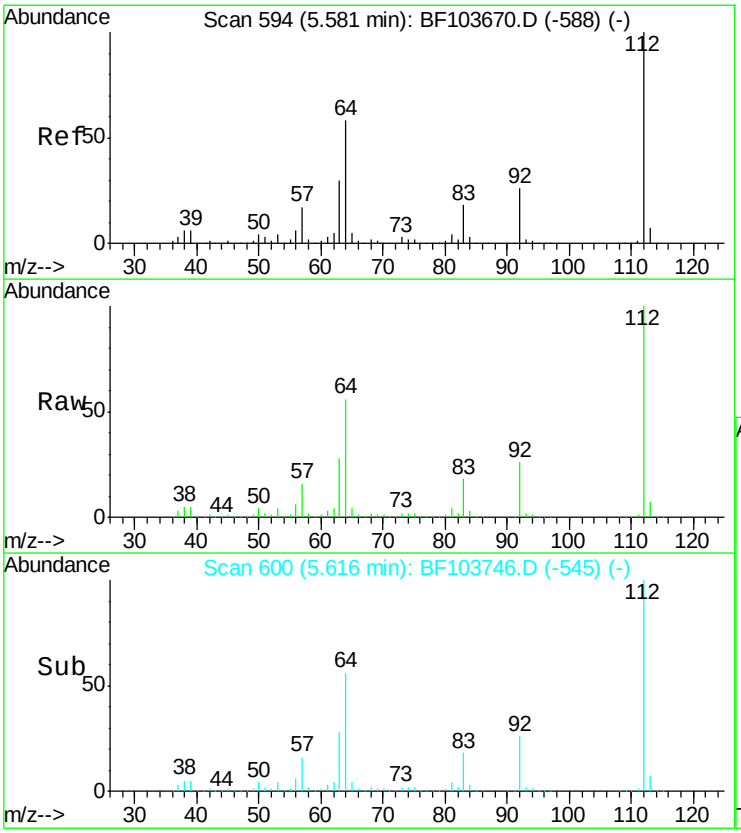
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103746.D
Acq: 19 Mar 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 190428

Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.6	186.8
115	58.3	50.1	75.1

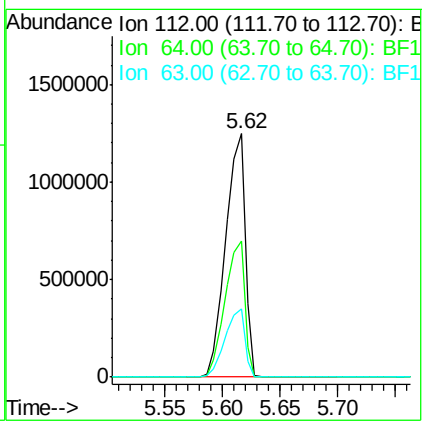


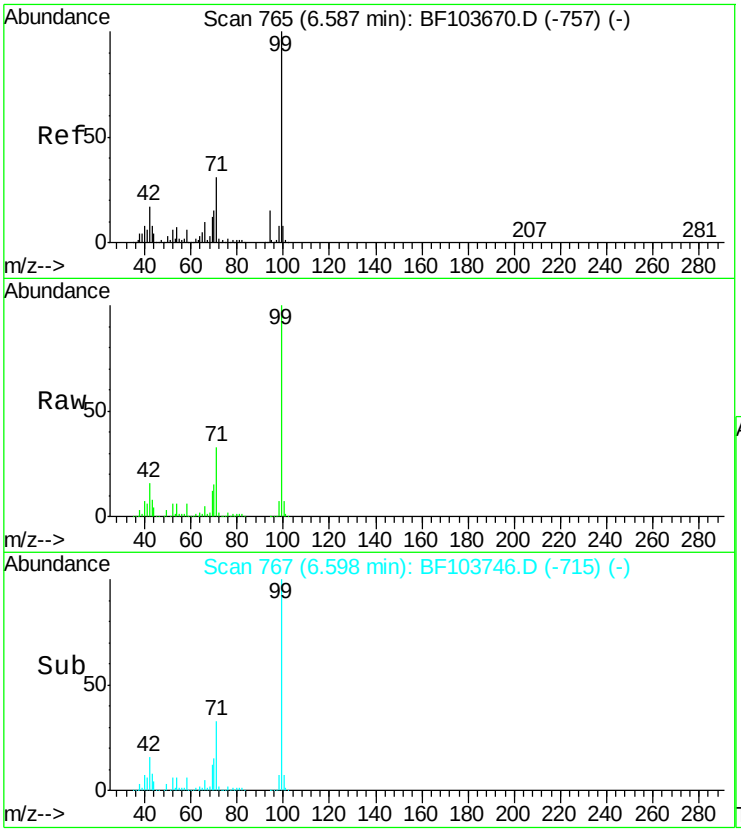


#5
2-Fluorophenol
Concen: 117.633 ng
RT: 5.62 min Scan# 600
Delta R.T. 0.02 min
Lab File: BF103746.D
Acq: 19 Mar 2018 10:22

Tgt Ion:112 Resp: 1472761

Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	28.2	23.7	35.5



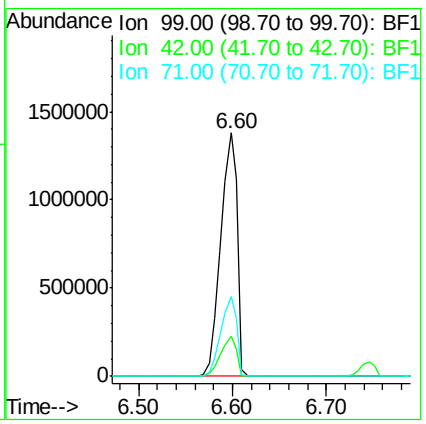


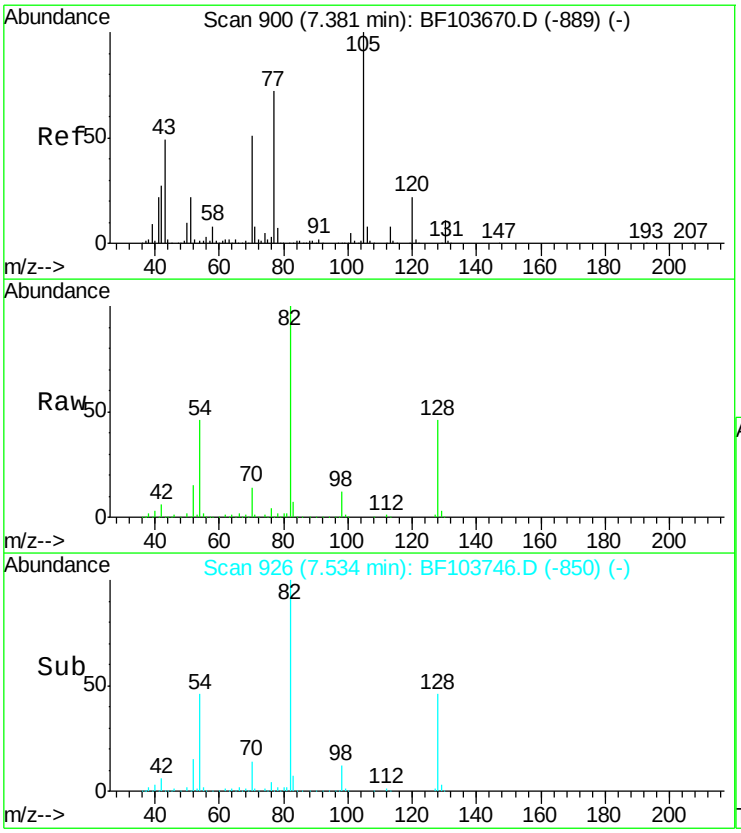
#7
Phenol-d6
Concen: 109.983 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.01 min
Lab File: BF103746.D
Acq: 19 Mar 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1684645

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	32.9	25.4	38.0

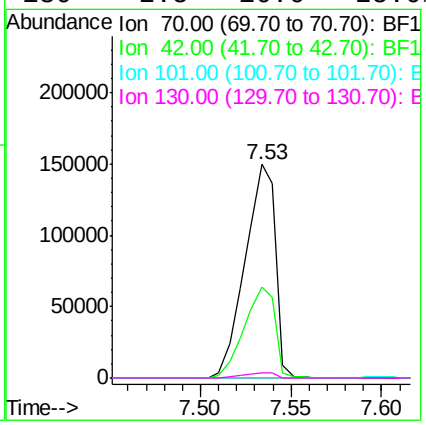


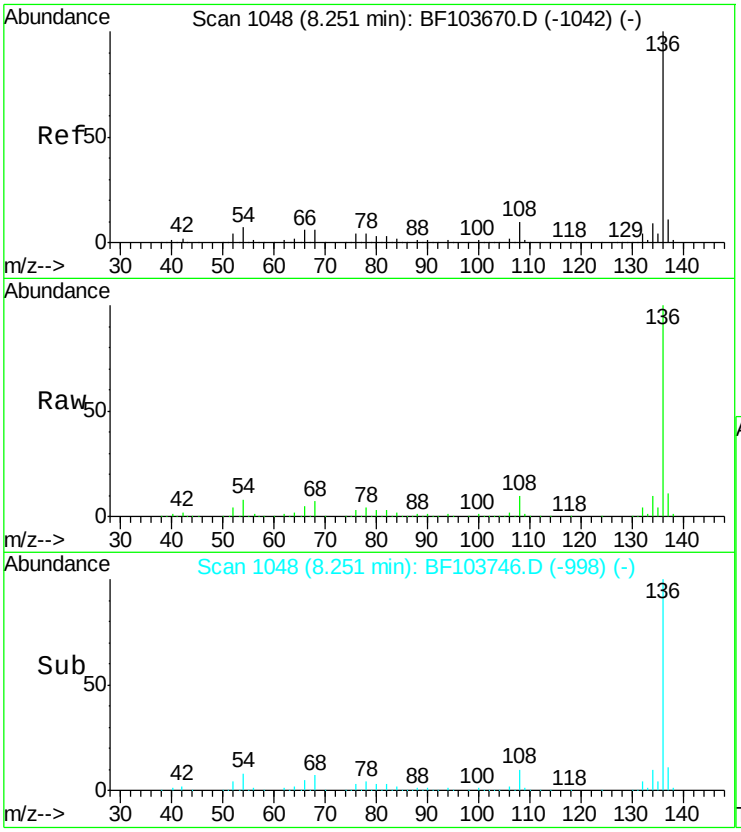


#19
n-Nitroso-di-n-propylamine
Concen: 17.758 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103746.D
Acq: 19 Mar 2018 10:22

Tgt Ion: 70 Resp: 174318

Ion	Ratio	Lower	Upper
70	100		
42	42.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



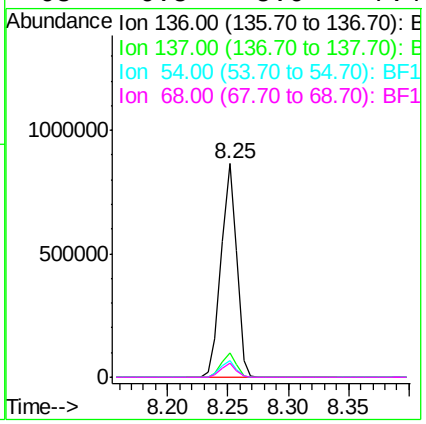


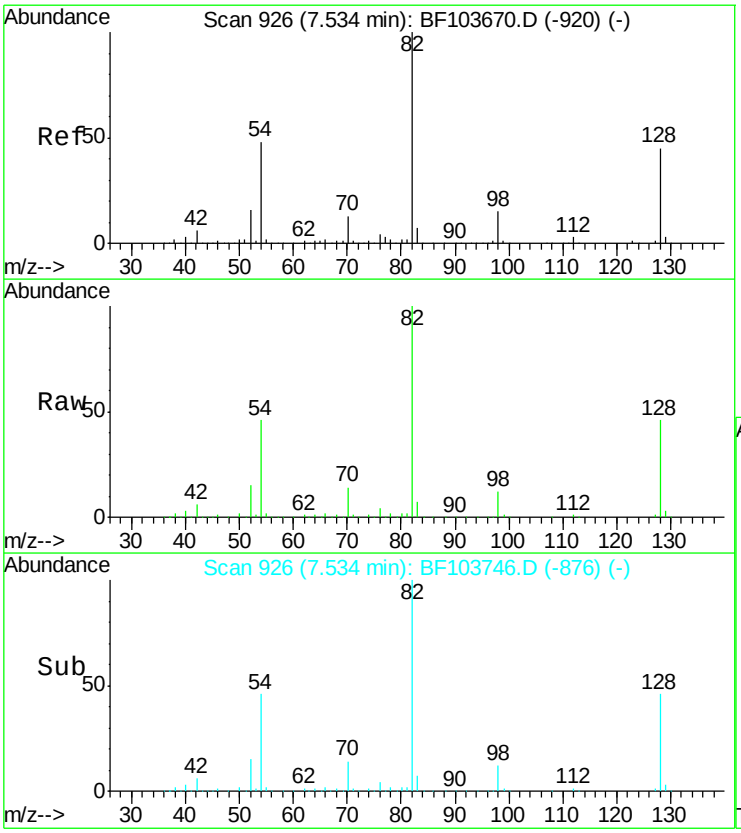
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF103746.D
Acq: 19 Mar 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 772241

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.6	6.6	9.8
68	6.5	5.0	7.4

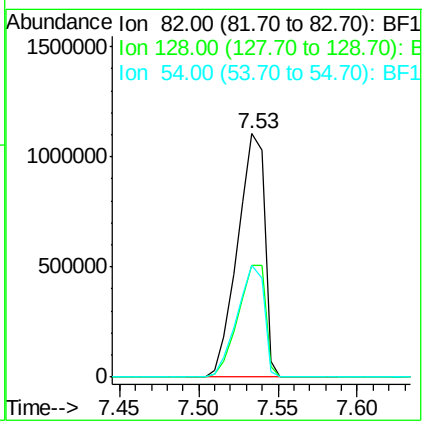


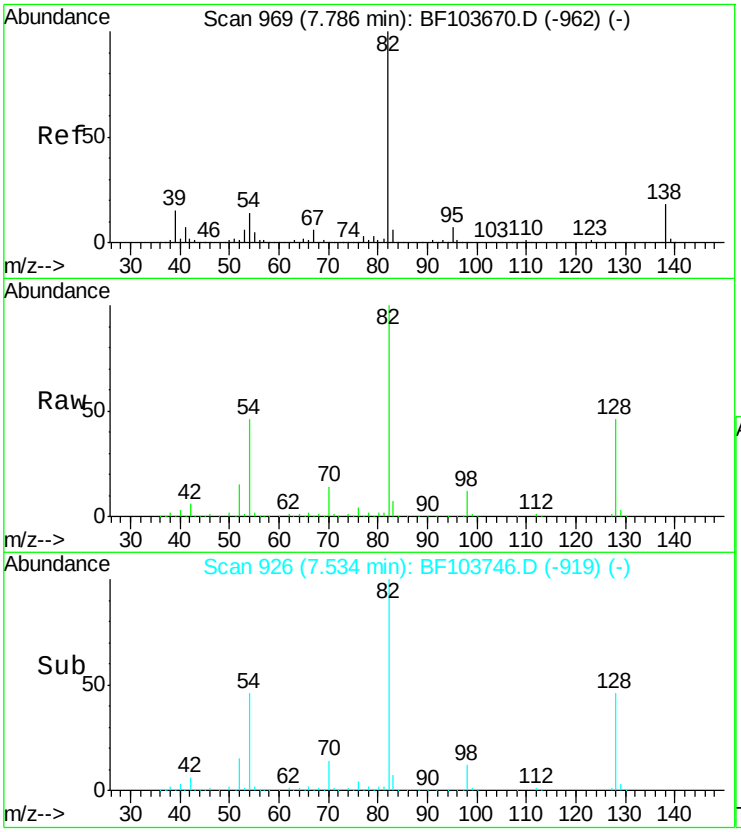


#23
Nitrobenzene-d5
Concen: 117.566 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103746.D
Acq: 19 Mar 2018 10:22

Tgt Ion: 82 Resp: 1301897

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	45.7	41.4	62.2



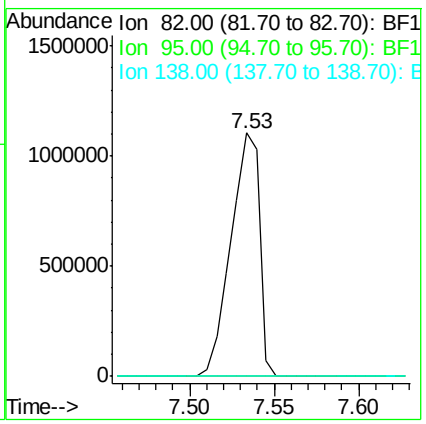


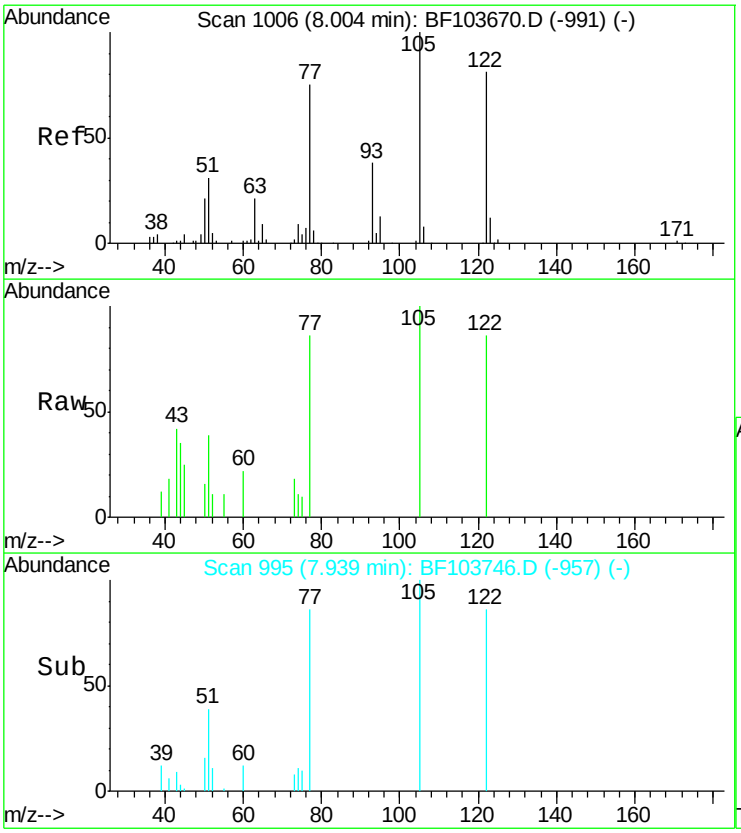
#25
Isophorone
Concen: 50.785 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.26 min
Lab File: BF103746.D
Acq: 19 Mar 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1301866

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

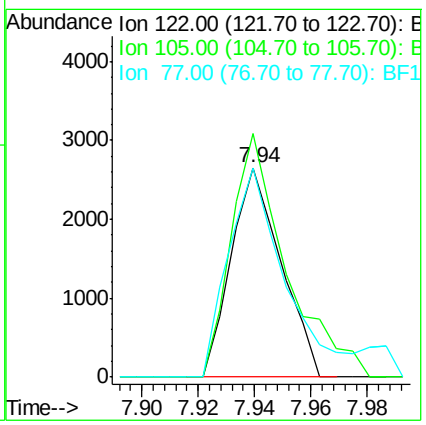


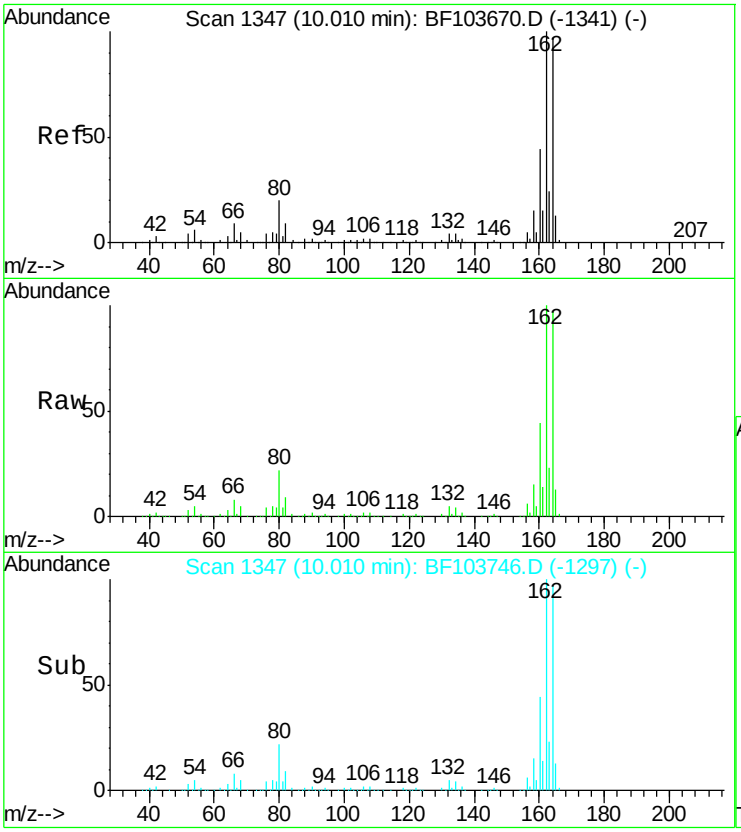


#32
Benzoic acid
Concen: 10.237 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.08 min
Lab File: BF103746.D
Acq: 19 Mar 2018 10:22

Tgt Ion:122 Resp: 3238

Ion	Ratio	Lower	Upper
122	100		
105	116.2	101.1	141.1
77	99.8	70.7	110.7



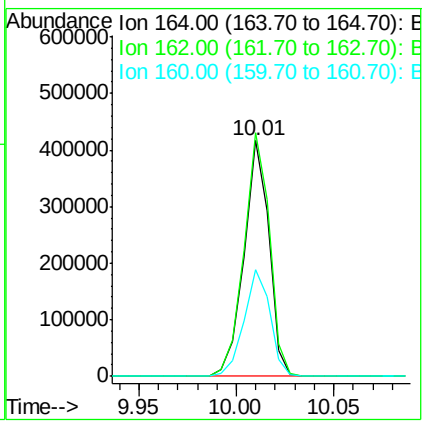


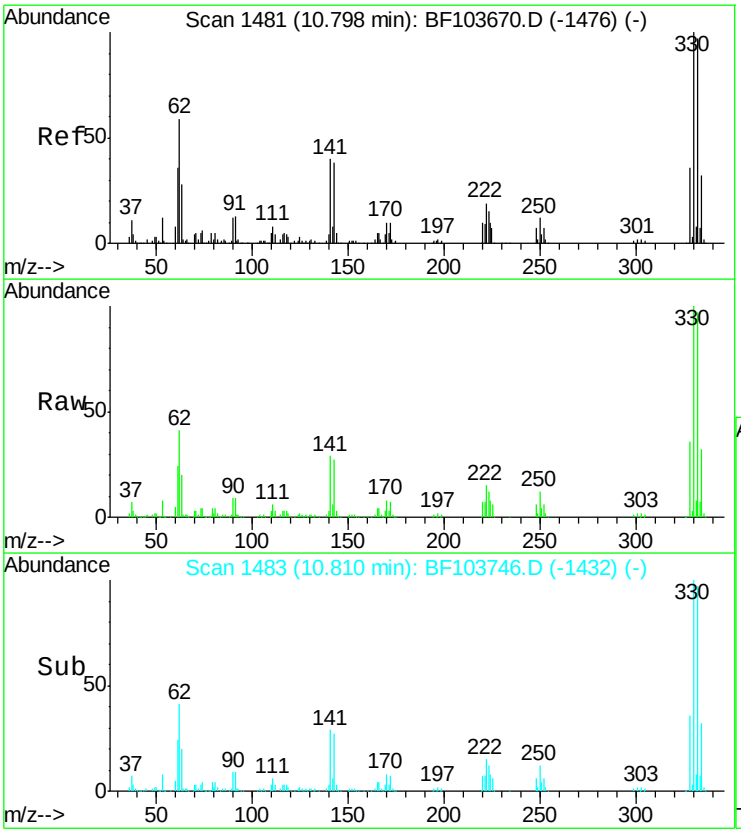
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF103746.D
Acq: 19 Mar 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 369058

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	45.1	38.3	57.5

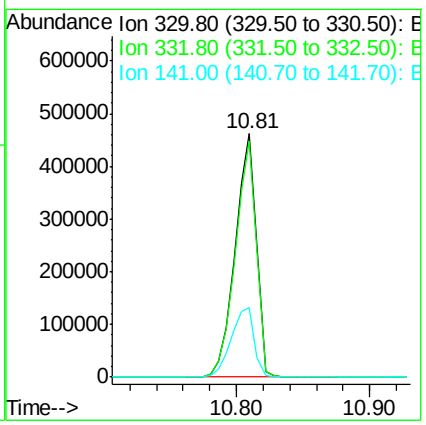


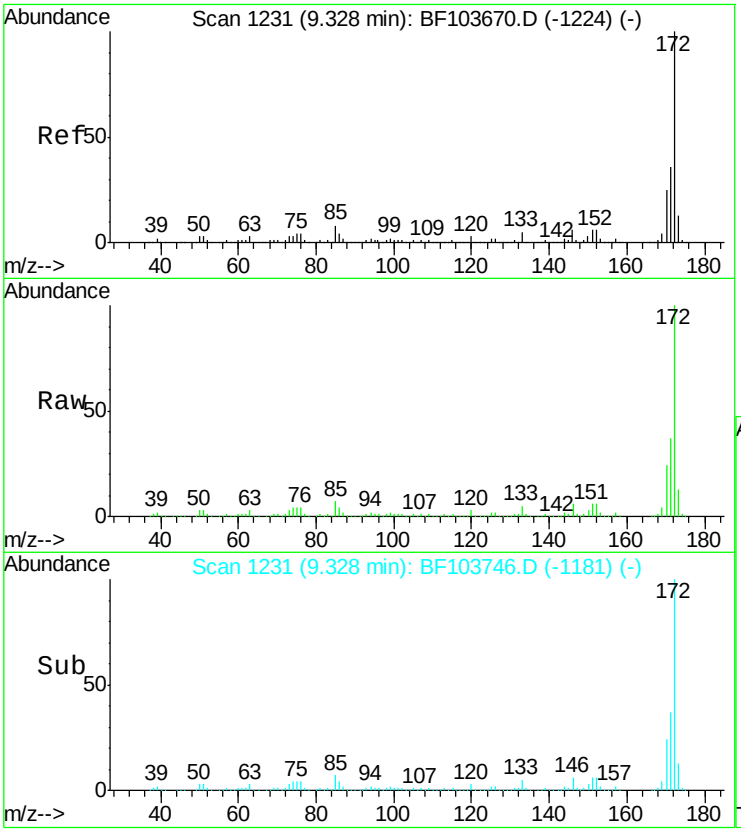


#41
2,4,6-Tribromophenol
Concen: 161.131 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF103746.D
Acq: 19 Mar 2018 10:22

Tgt Ion:330 Resp: 511297

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	31.3	29.9	44.9



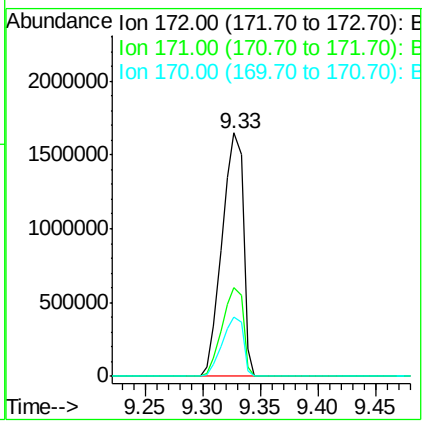


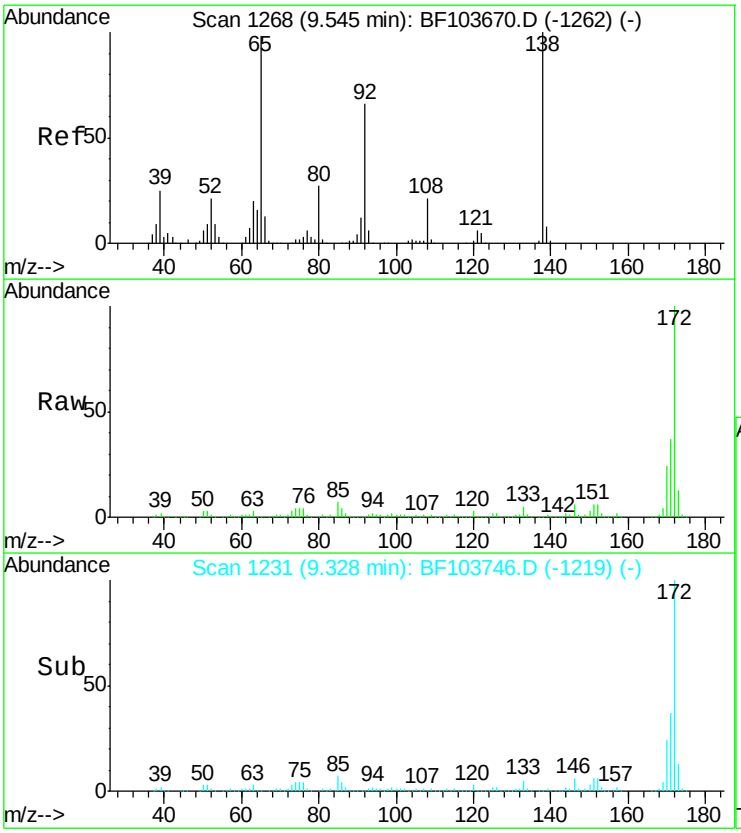
#44
2-Fluorobiphenyl
Concen: 90.963 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103746.D
Acq: 19 Mar 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2104550

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.2	19.6	29.4

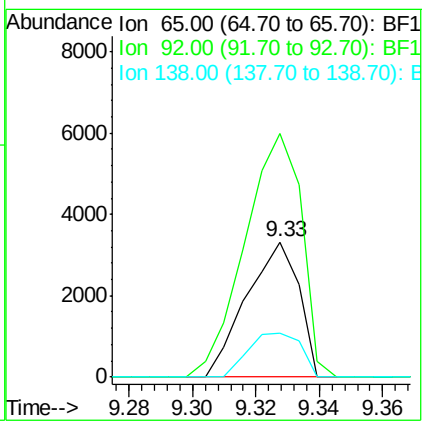


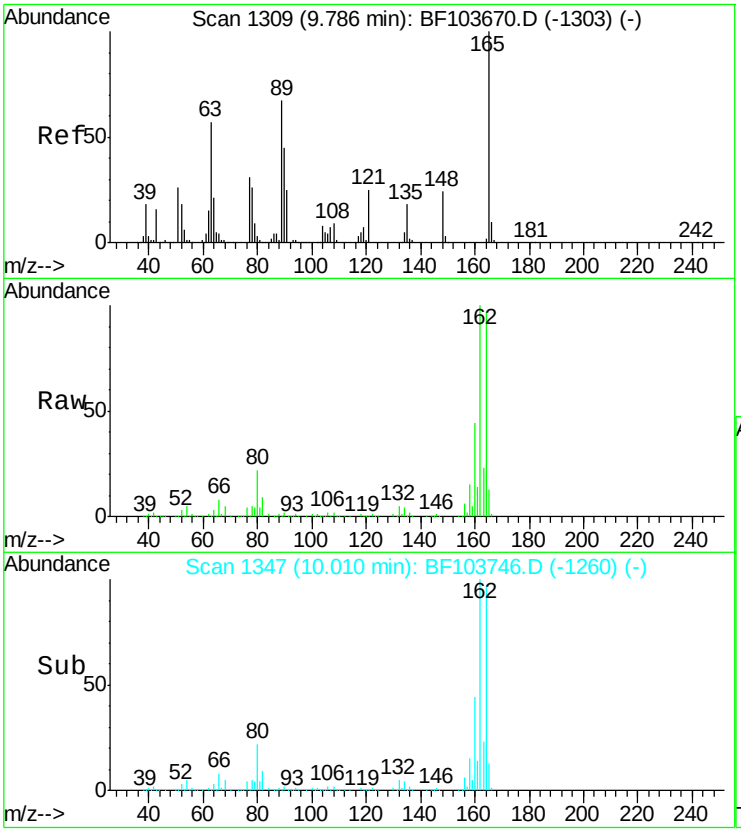


#47
2-Nitroaniline
Concen: 7.326 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.23 min
Lab File: BF103746.D
Acq: 19 Mar 2018 10:22

Tgt Ion: 65 Resp: 3813

Ion	Ratio	Lower	Upper
65	100		
92	179.9	55.8	83.6#
138	32.2	91.2	136.8#



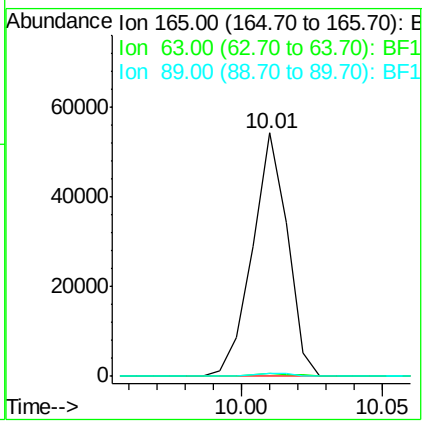


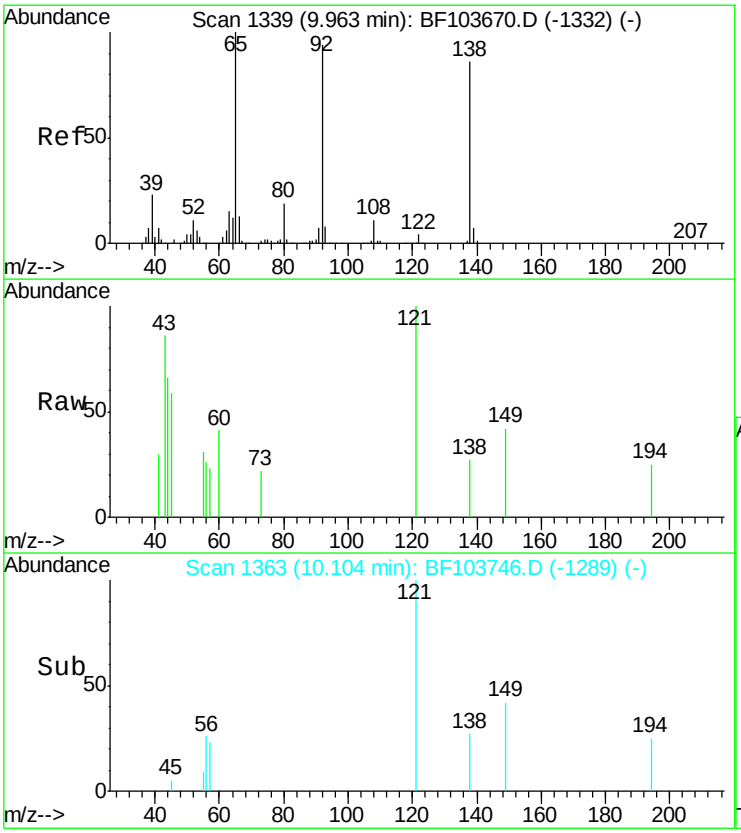
#50
2,6-Dinitrotoluene
Concen: 11.877 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF103746.D
Acq: 19 Mar 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 46884

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.1	44.0	66.0#

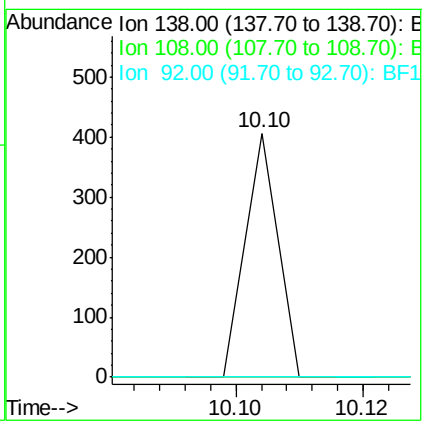


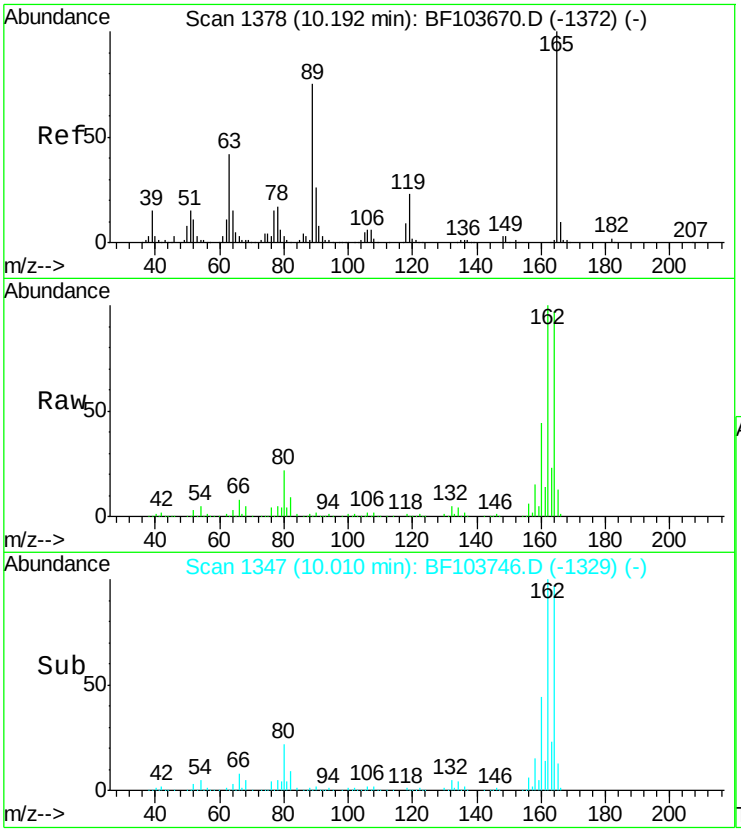


#52
3-Nitroaniline
Concen: 3.835 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.14 min
Lab File: BF103746.D
Acq: 19 Mar 2018 10:22

Tgt Ion:138 Resp: 143

Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.4	14.0#
92	0.0	89.4	134.2#



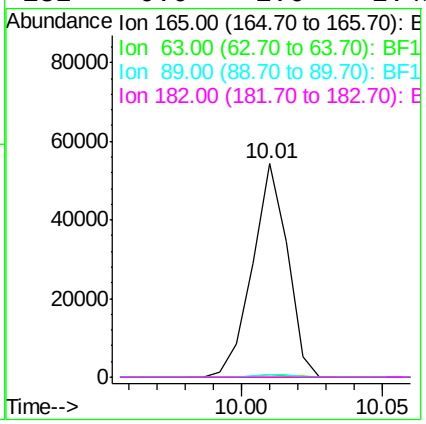


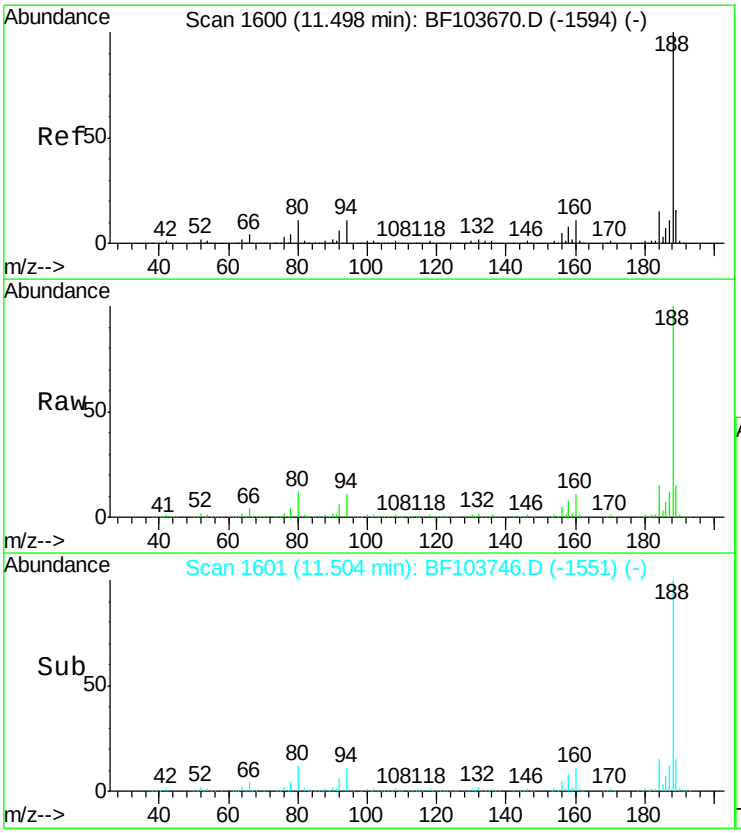
#56
2,4-Dinitrotoluene
Concen: 12.128 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF103746.D
Acq: 19 Mar 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 46884

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

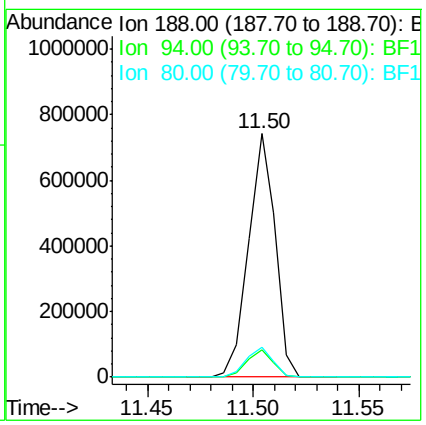


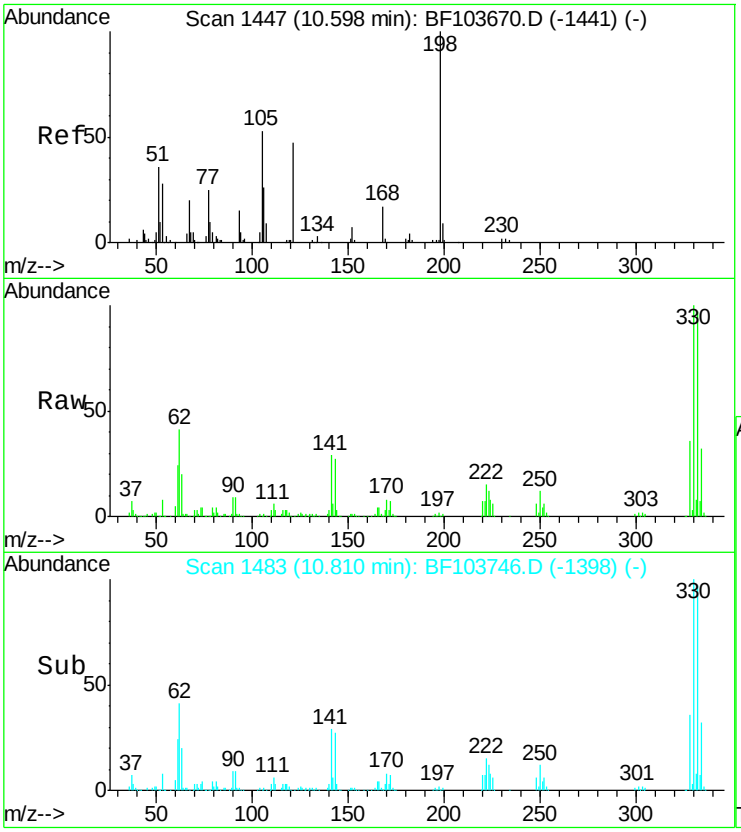


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103746.D
Acq: 19 Mar 2018 10:22

Tgt Ion:188 Resp: 653894

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.2	9.2	13.8



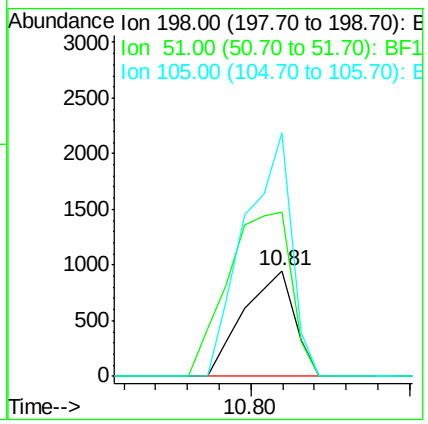


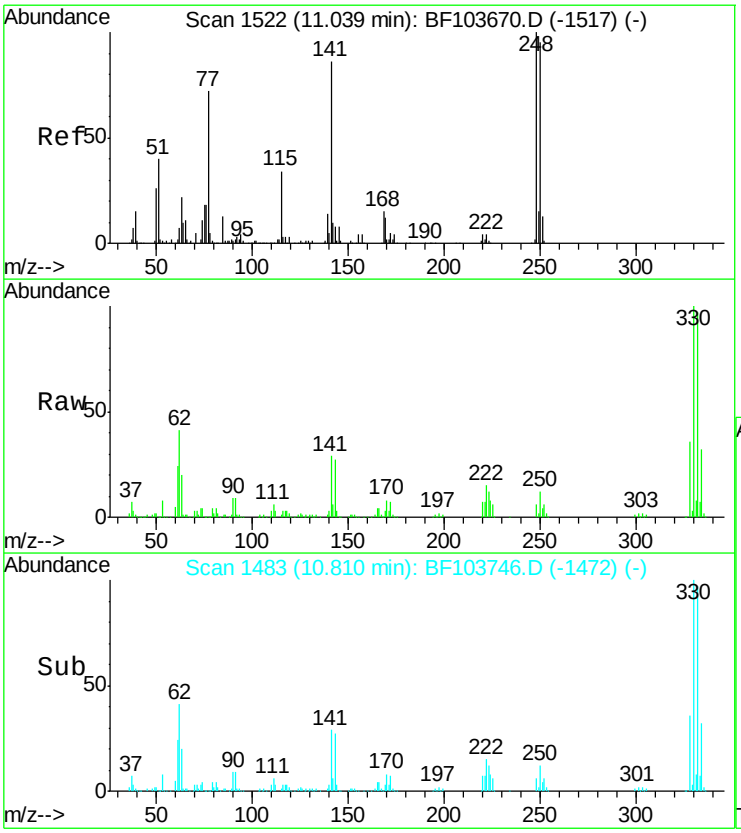
#64
4,6-Dinitro-2-methylphenol
Concen: 8.599 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.20 min
Lab File: BF103746.D
Acq: 19 Mar 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 1053

Ion	Ratio	Lower	Upper
198	100		
51	155.4	37.7	77.7#
105	230.5	36.3	76.3#

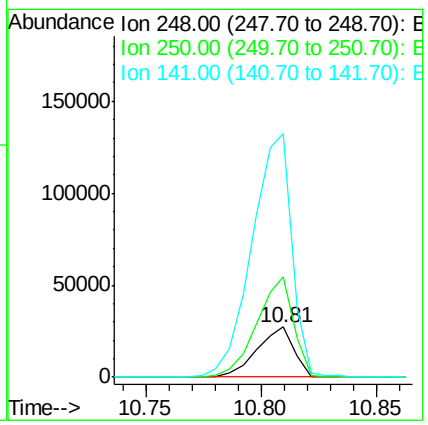


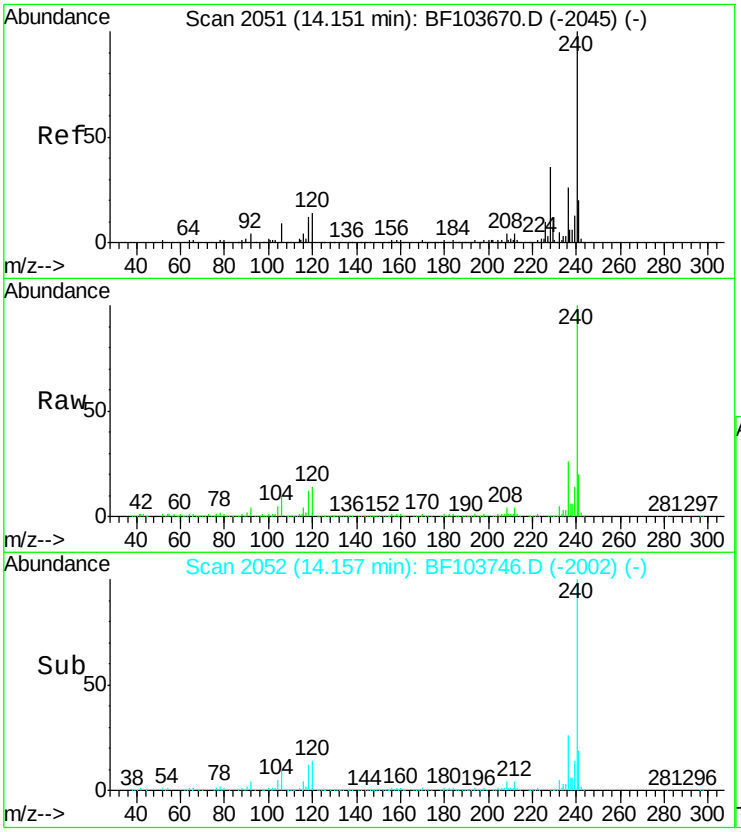


#66
4-Bromophenyl-phenylether
Concen: 4.511 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF103746.D
Acq: 19 Mar 2018 10:22

Tgt Ion:248 Resp: 30285

Ion	Ratio	Lower	Upper
248	100		
250	198.8	76.9	115.3#
141	484.5	74.4	111.6#



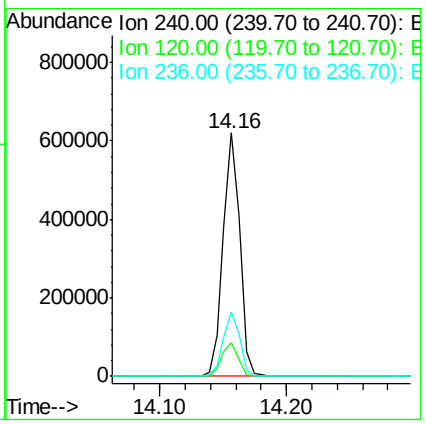


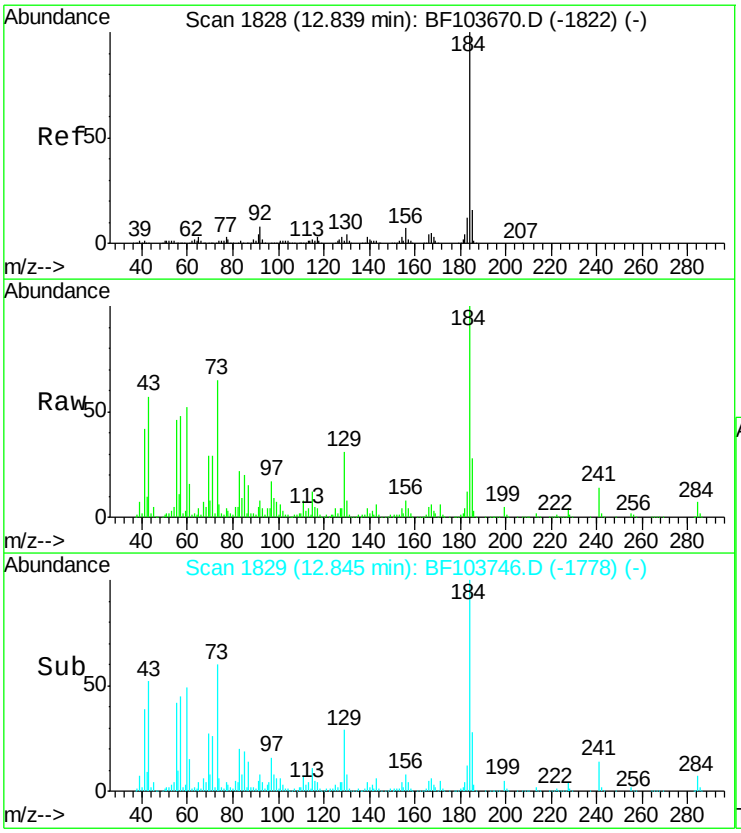
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF103746.D
Acq: 19 Mar 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 569073

Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.5	14.3
236	26.4	20.7	31.1

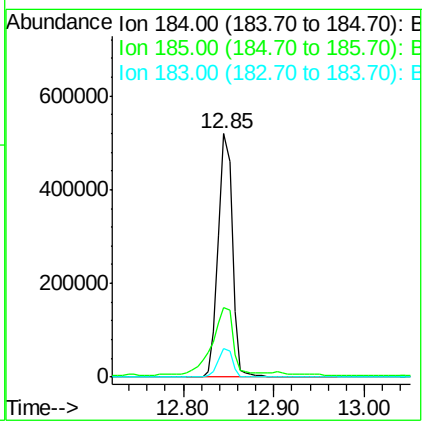


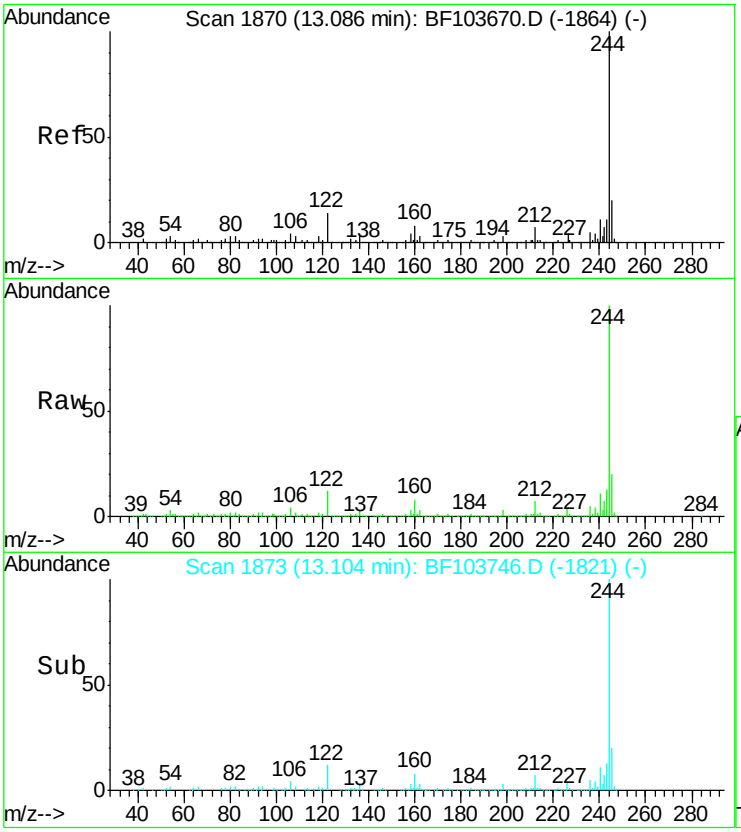


#76
Benzidine
Concen: 22.928 ng
RT: 12.85 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BF103746.D
Acq: 19 Mar 2018 10:22

Tgt Ion:184 Resp: 556488

Ion	Ratio	Lower	Upper
184	100		
185	28.3	12.6	18.8#
183	12.0	9.3	13.9



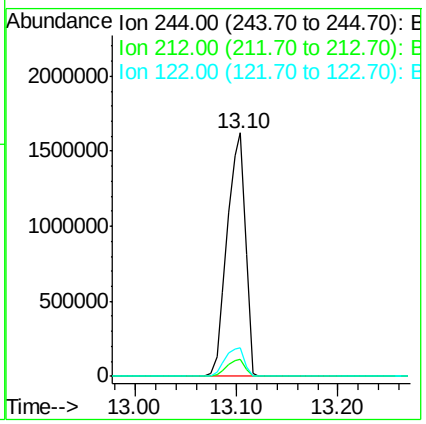


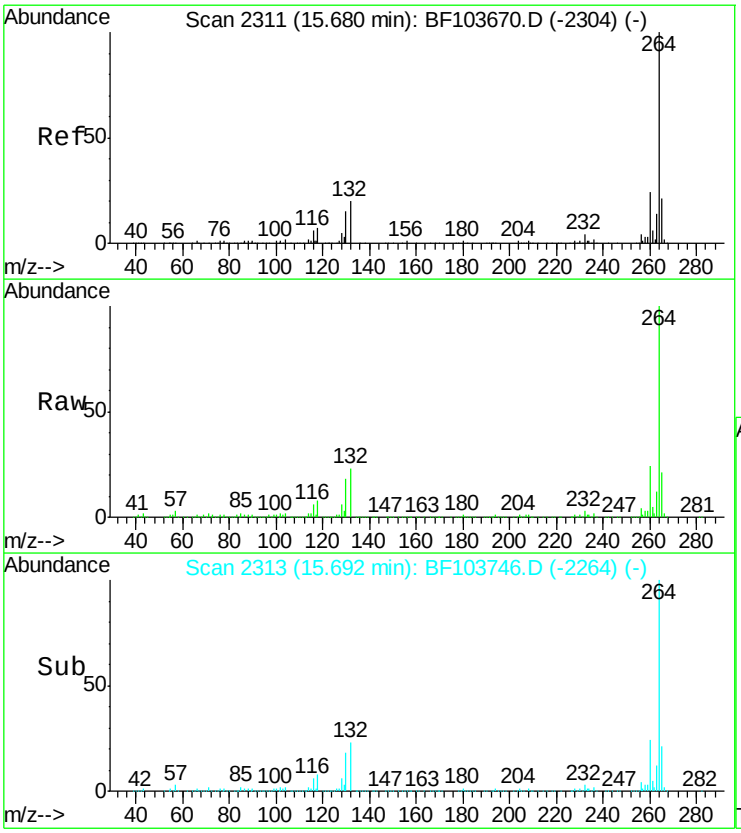
#78
Terphenyl-d14
Concen: 82.759 ng
RT: 13.10 min Scan# 1873
Delta R.T. 0.01 min
Lab File: BF103746.D
Acq: 19 Mar 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 2028999

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BF103746.D
Acq: 19 Mar 2018 10:22

Tgt Ion:264 Resp: 502138

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.2	17.5	26.3