Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103796.D
Acq On : 20 Mar 2018 10:21
Operator : JU/SJ
Sample : J1954-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 20 10:51:36 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	137816	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	555698	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	246888	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	405508	20.00	ng		0.00
75) Chrysene-d12	14.16	240	293587	20.00	ng		0.00
86) Perylene-d12	15.69	264	263654	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	271735	29.99	ng		0.00
7) Phenol-d6	6.58	99	242467	21.87	ng		0.00
23) Nitrobenzene-d5	7.53	82	831097	104.30	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	119930	56.50	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1367668	88.37	ng		0.00
78) Terphenyl-d14	13.09	244	1186746	93.83	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	107483	15.129	ng	#	74
25) Isophorone	7.53	82	831091	45.053	ng	#	64
31) Naphthalene	8.27	128	133802	4.767	ng		99
32) Benzoic acid	8.27	122	126	9.923	ng	#	1
37) 2-Methylnaphthalene	8.96	142	58622	3.293	ng		98
47) 2-Nitroaniline	9.72	65	345	6.883	ng	#	1
49) Dimethylphthalate	9.72	163	44547	2.365	ng		98
50) 2,6-Dinitrotoluene	10.01	165	32440	12.148	ng	#	25
51) Acenaphthene	10.05	154	45002	2.989	ng		98
52) 3-Nitroaniline	10.22	138	683	3.958	ng	#	2
55) 4-Nitrophenol	10.22	139	15517	9.190	ng	#	9
56) 2,4-Dinitrotoluene	10.01	165	32440	12.331	ng	#	23
61) 4-Nitroaniline	10.56	138	269	3.808	ng	#	19
64) 4,6-Dinitro-2-methylphenol	10.80	198	159	8.233	ng	#	1
70) Phenanthrene	11.53	178	89645	4.041	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
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Misc :
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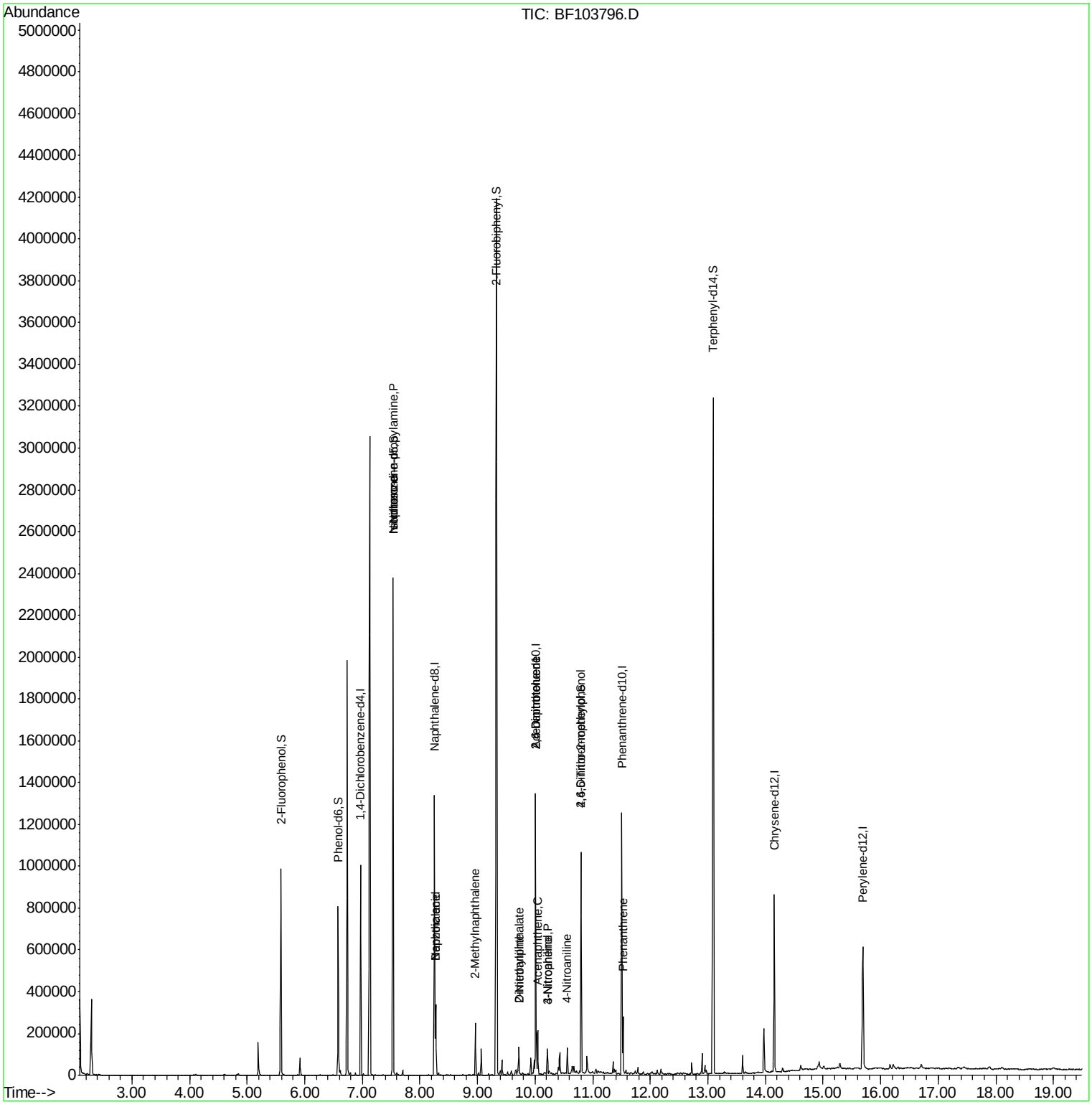
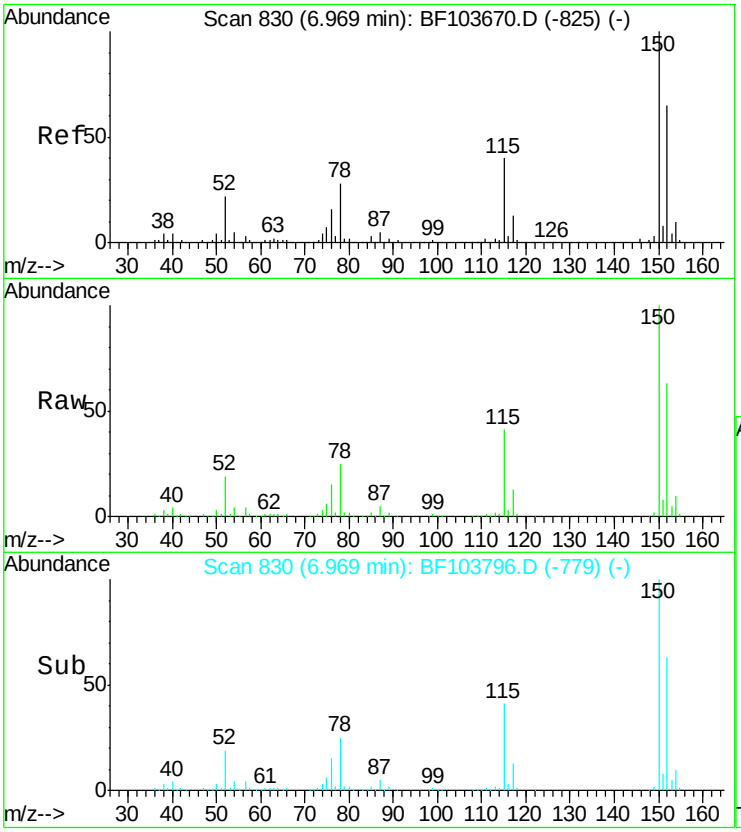


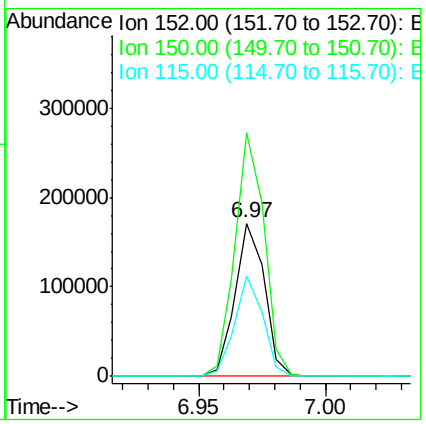


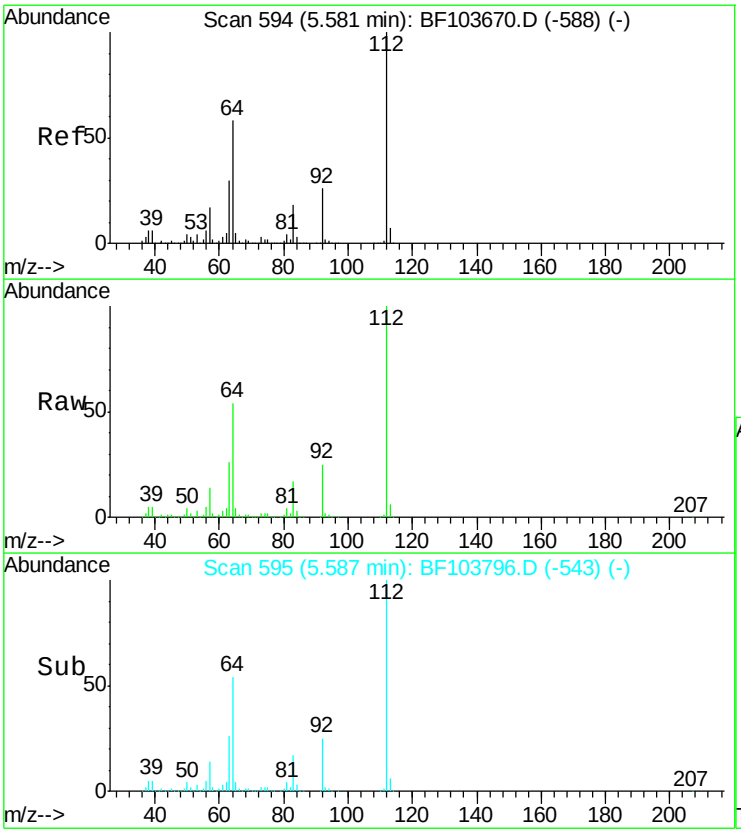
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 137816

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	65.4	50.1	75.1

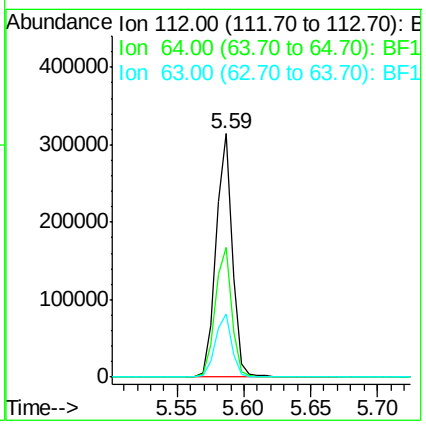


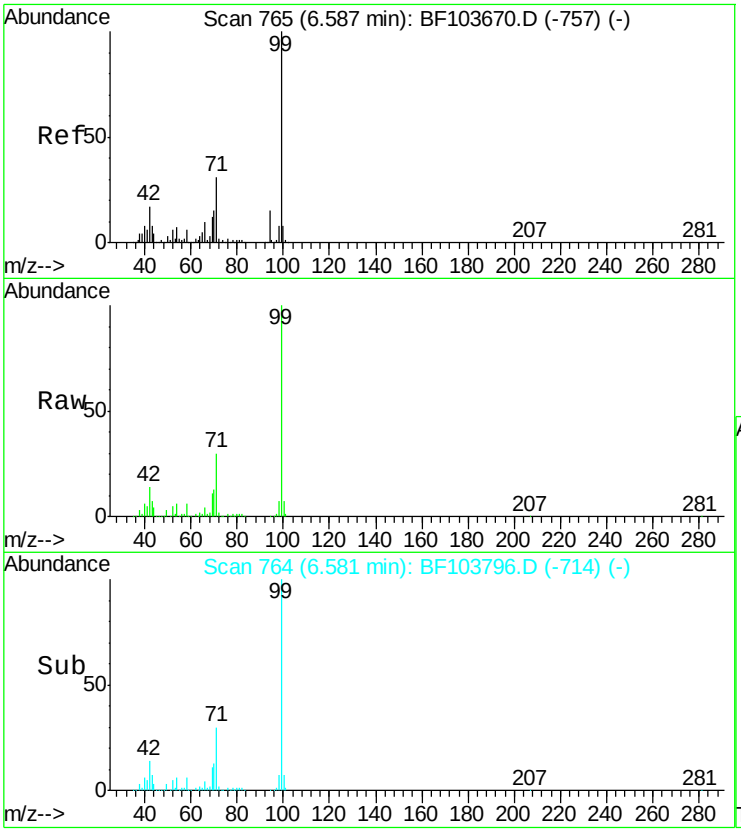


#5
2-Fluorophenol
Concen: 29.990 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Tgt Ion:112 Resp: 271735

Ion	Ratio	Lower	Upper
112	100		
64	53.5	47.9	71.9
63	25.8	23.7	35.5



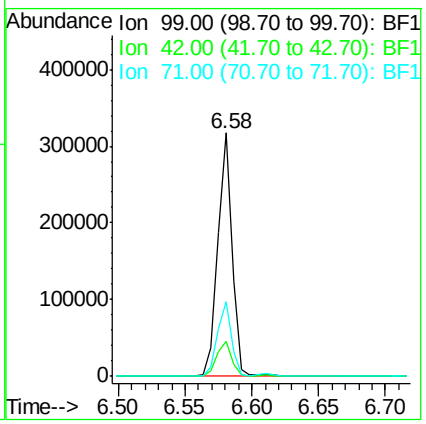


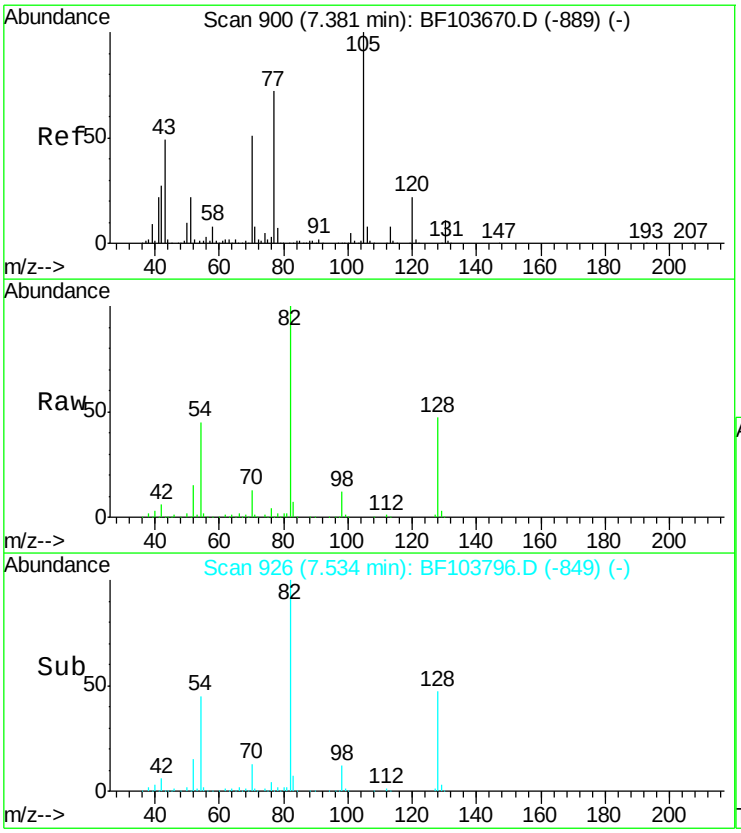
#7
Phenol-d6
Concen: 21.873 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 242467

Ion	Ratio	Lower	Upper
99	100		
42	14.3	14.5	21.7#
71	30.5	25.4	38.0

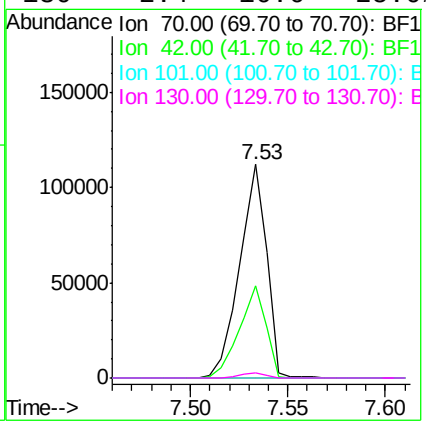


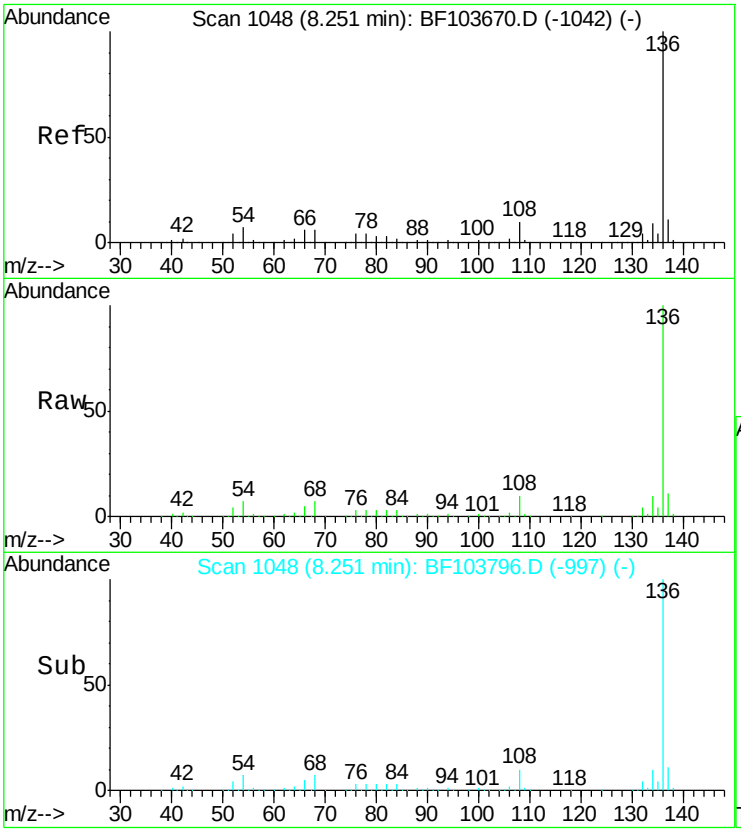


#19
n-Nitroso-di-n-propylamine
Concen: 15.129 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Tgt Ion: 70 Resp: 107483

Ion	Ratio	Lower	Upper
70	100		
42	42.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



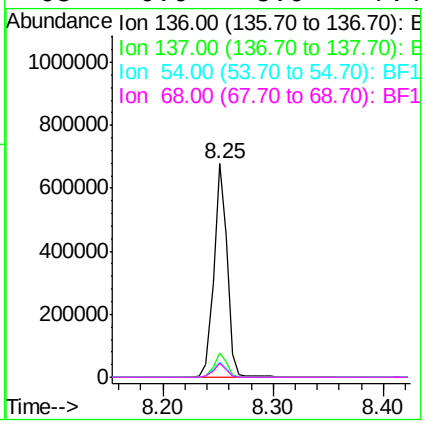


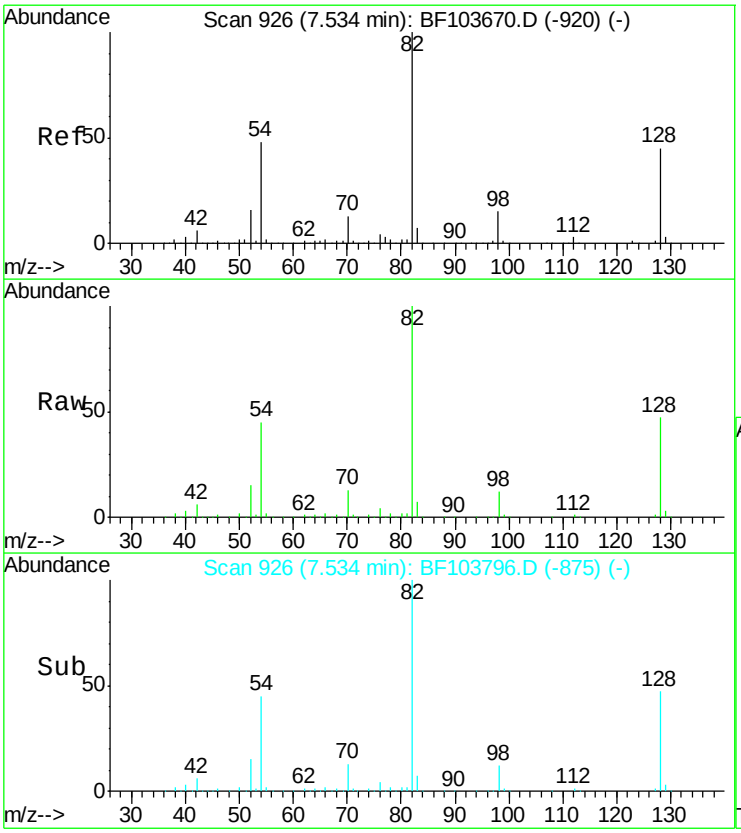
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 555698

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.3	6.6	9.8
68	6.6	5.0	7.4

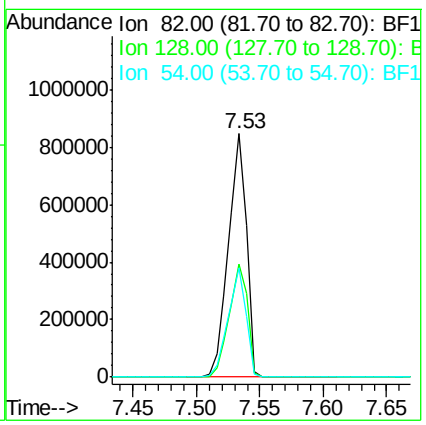


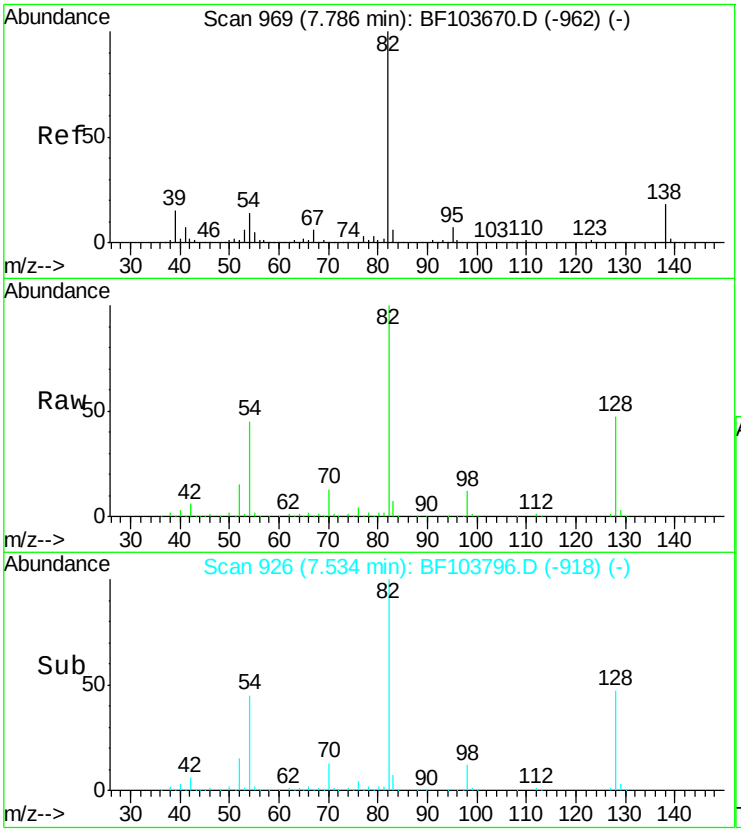


#23
Nitrobenzene-d5
Concen: 104.296 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Tgt Ion: 82 Resp: 831097

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	44.9	41.4	62.2



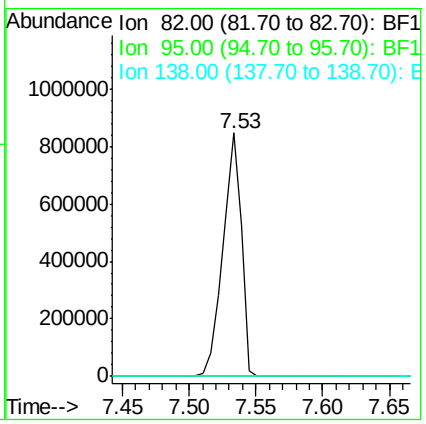


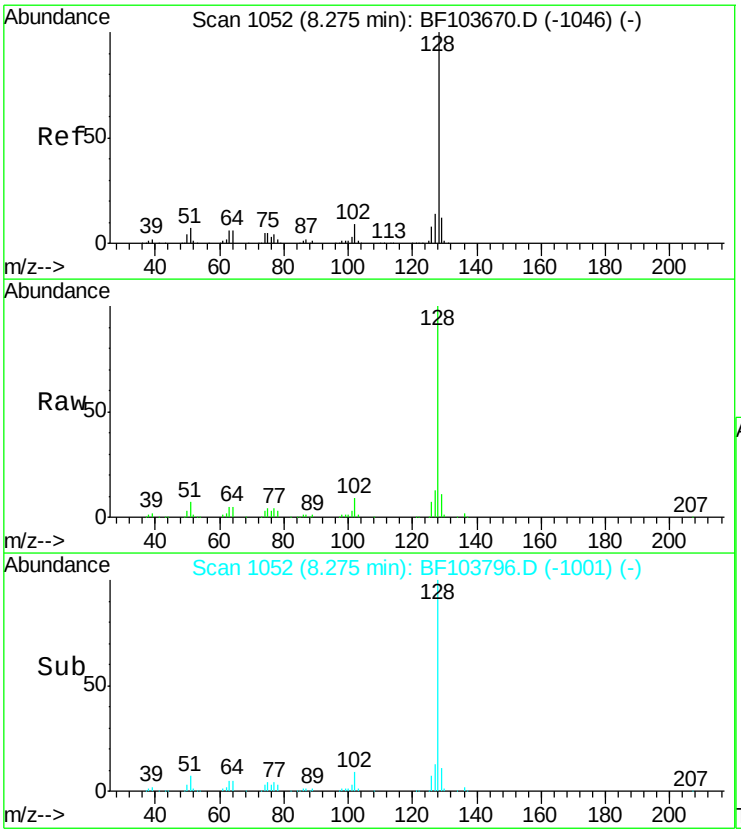
#25
Isophorone
Concen: 45.053 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 831091

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

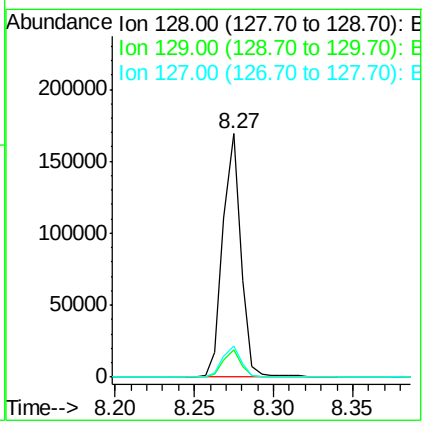


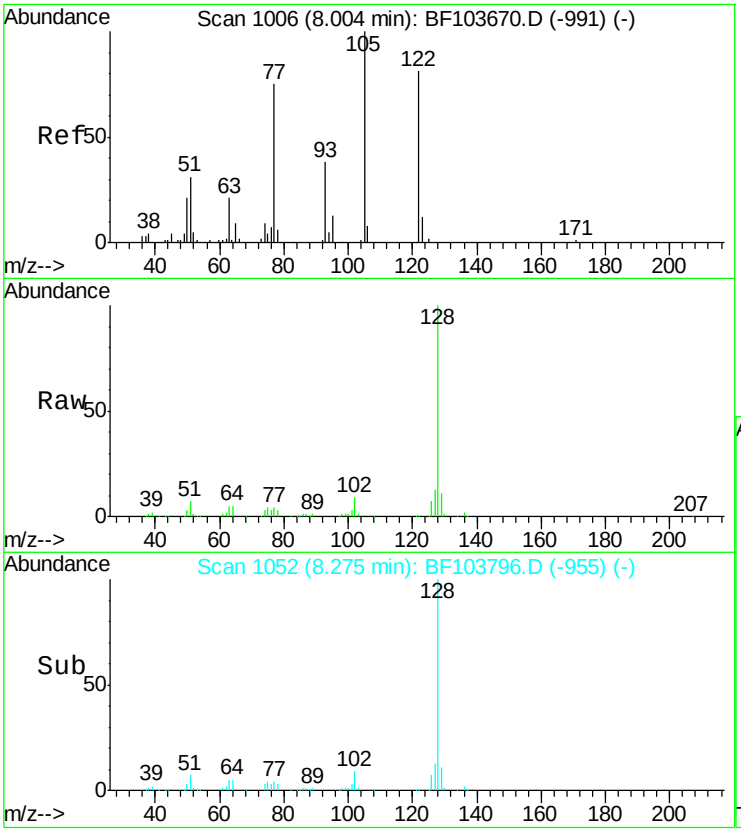


#31
Naphthalene
Concen: 4.767 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Tgt Ion:128 Resp: 133802

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	12.9	10.9	16.3



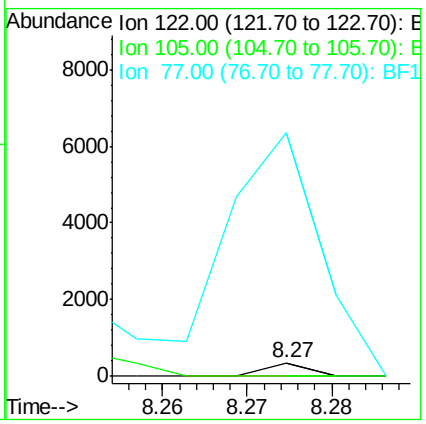


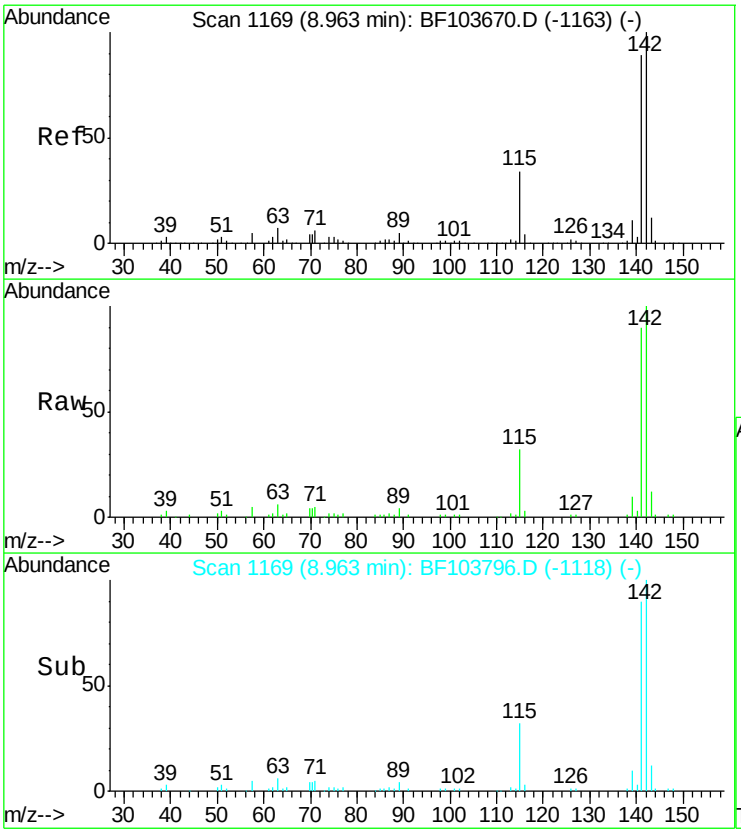
#32
Benzoic acid
Concen: 9.923 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.27 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 126

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	1778.7	70.7	110.7#

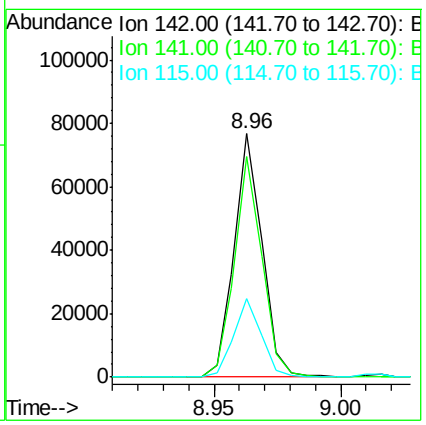


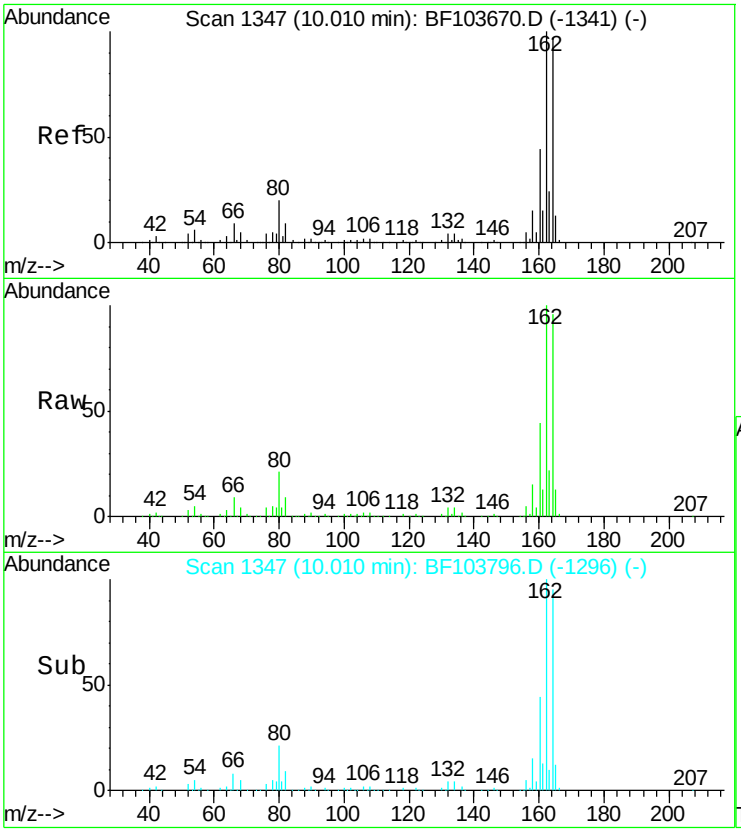


#37
2-Methylnaphthalene
Concen: 3.293 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Tgt Ion:142 Resp: 58622

Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.8	106.2
115	32.0	26.1	39.1



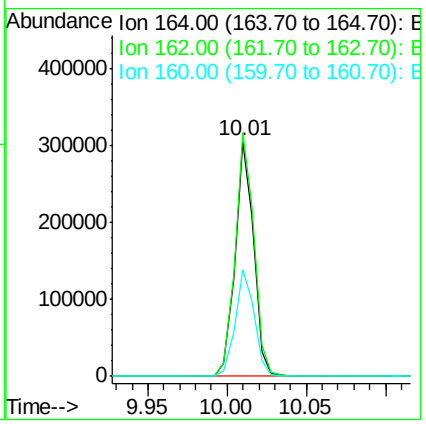


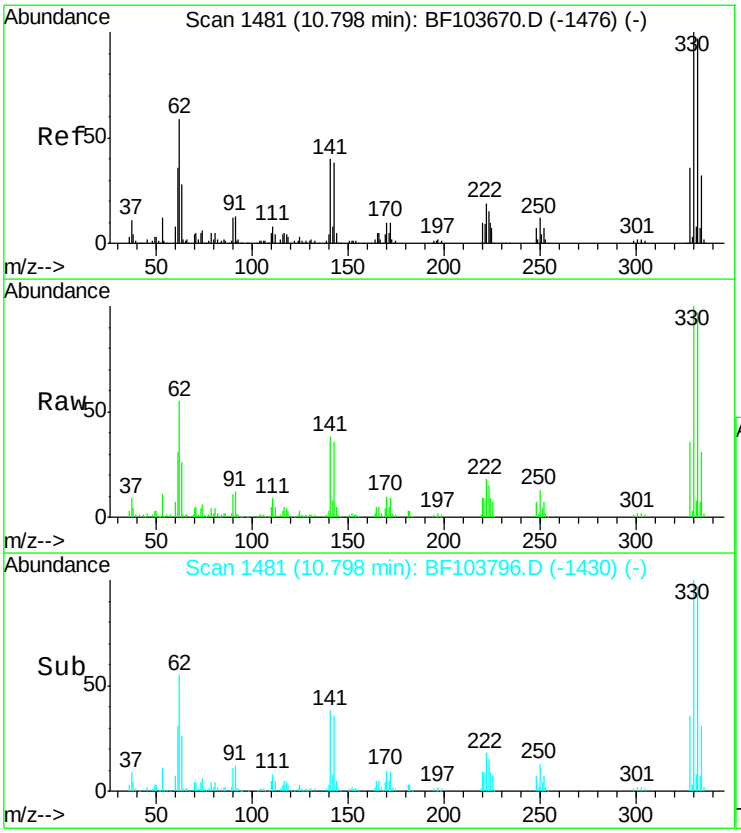
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 246888

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	45.2	38.3	57.5

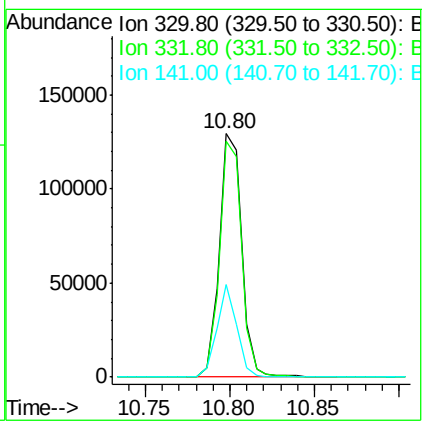


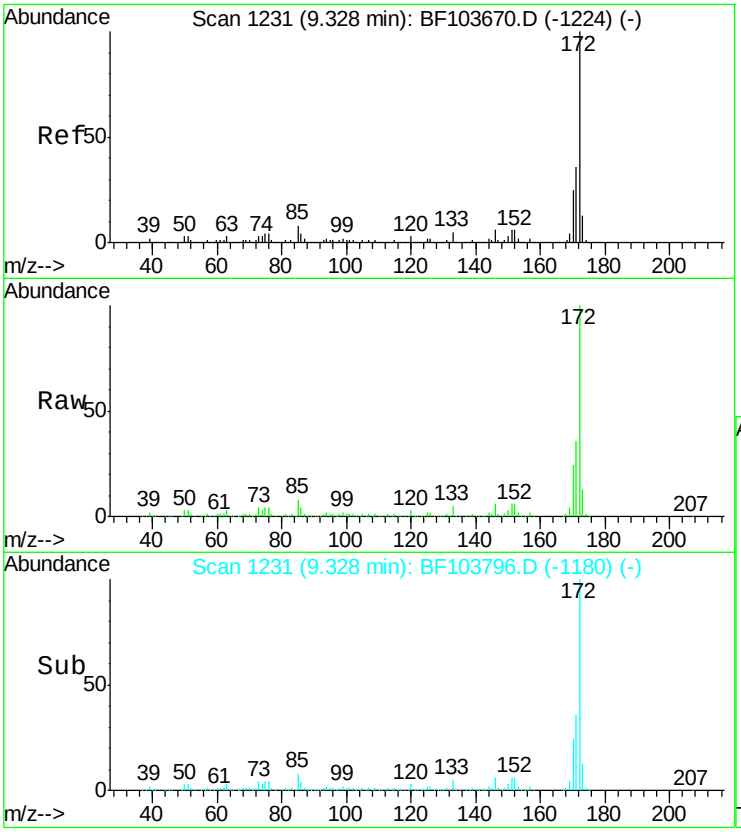


#41
2,4,6-Tribromophenol
Concen: 56.497 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Tgt Ion:330 Resp: 119930

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	33.6	29.9	44.9



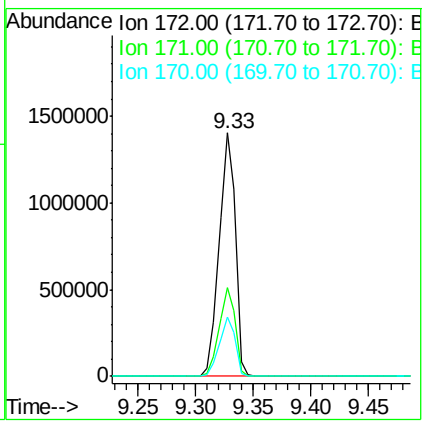


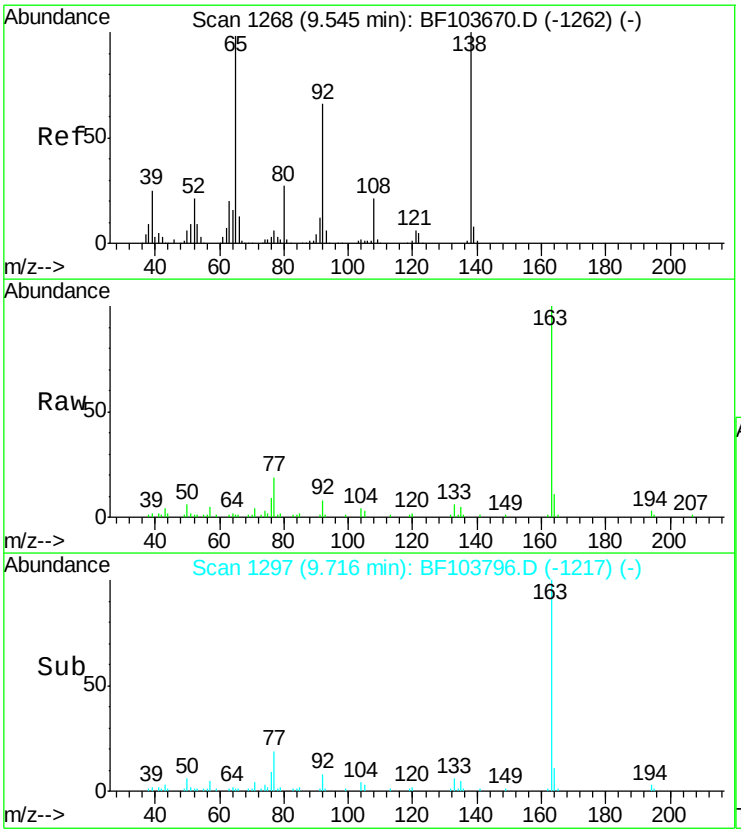
#44
2-Fluorobiphenyl
Concen: 88.365 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1367668

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	19.6	29.4

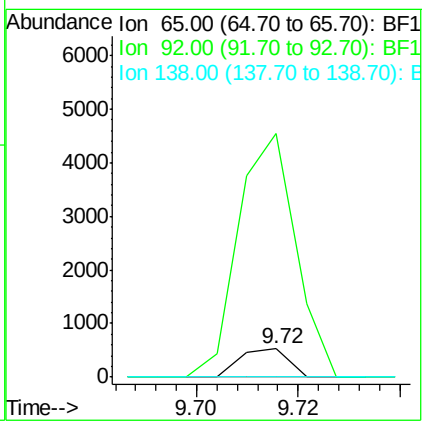


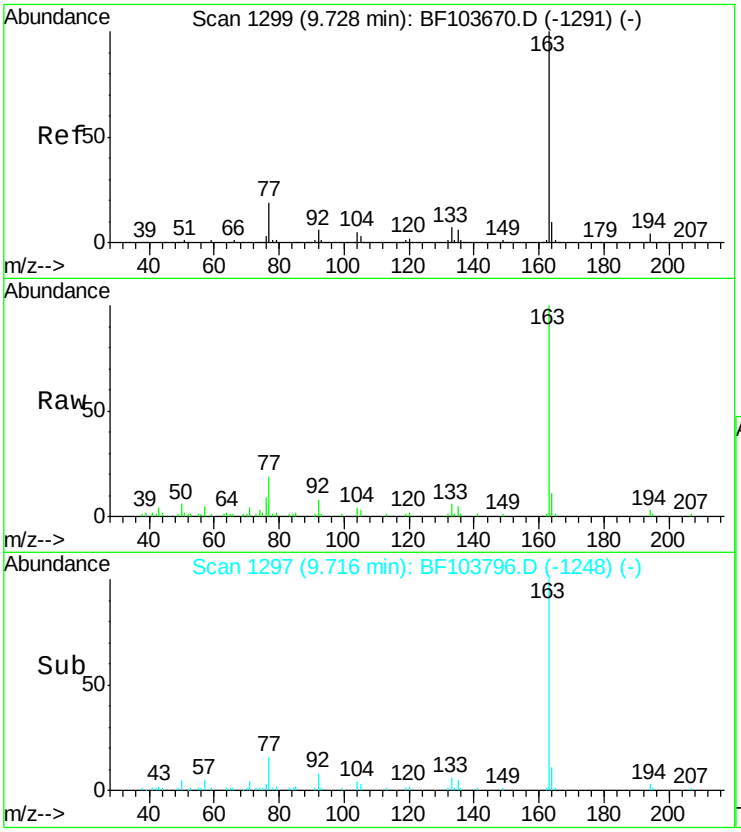


#47
2-Nitroaniline
Concen: 6.883 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.17 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Tgt Ion: 65 Resp: 345

Ion	Ratio	Lower	Upper
65	100		
92	860.6	55.8	83.6#
138	0.0	91.2	136.8#



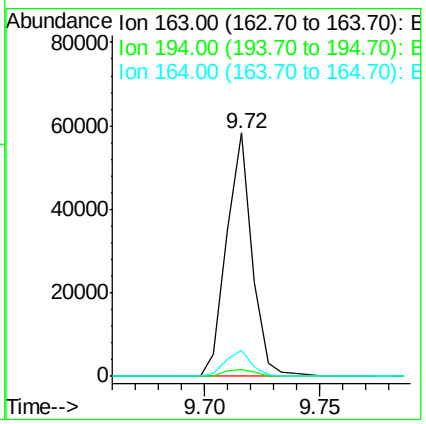


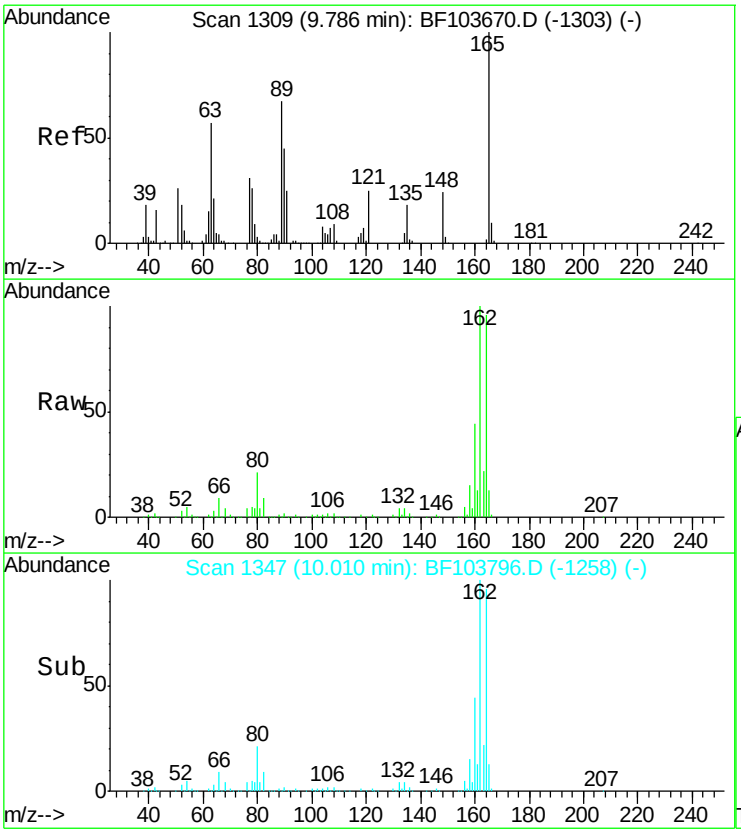
#49
Dimethylphthalate
Concen: 2.365 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 44547

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	10.8	8.2	12.2

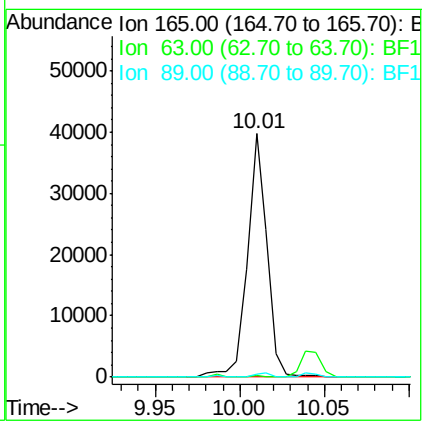


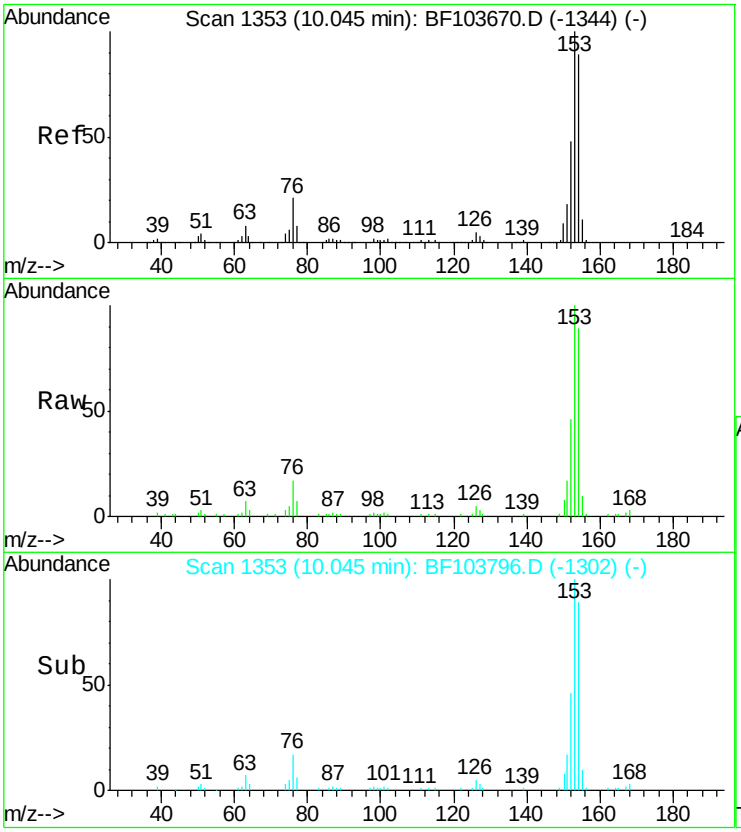


#50
2,6-Dinitrotoluene
Concen: 12.148 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Tgt Ion:165 Resp: 32440

Ion	Ratio	Lower	Upper
165	100		
63	0.8	44.7	67.1#
89	1.3	44.0	66.0#



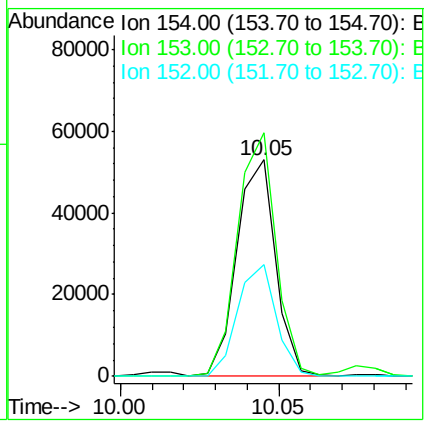


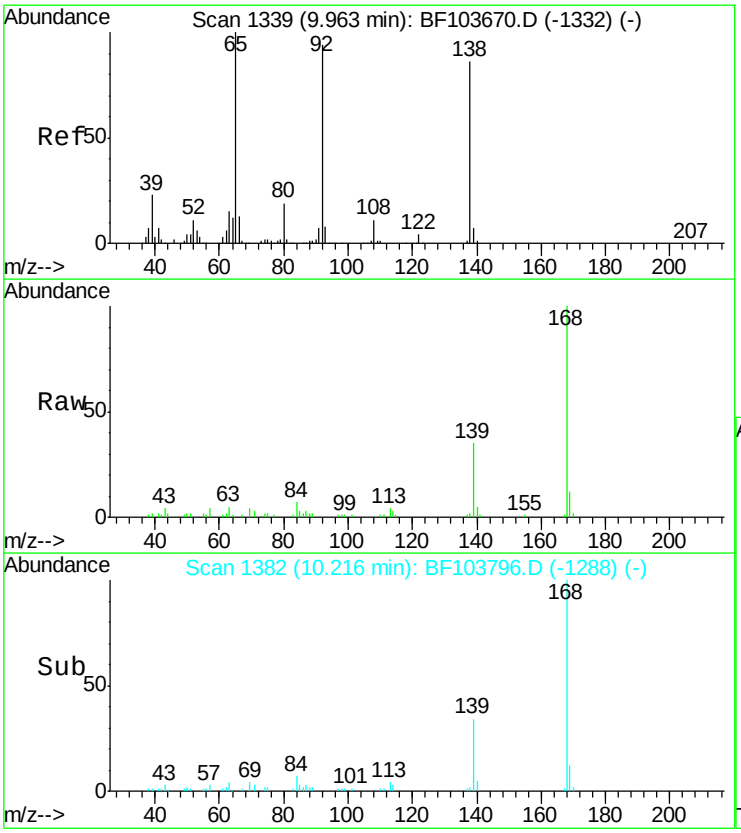
#51
Acenaphthene
Concen: 2.989 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 45002

Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.2	136.8
152	51.6	43.8	65.8

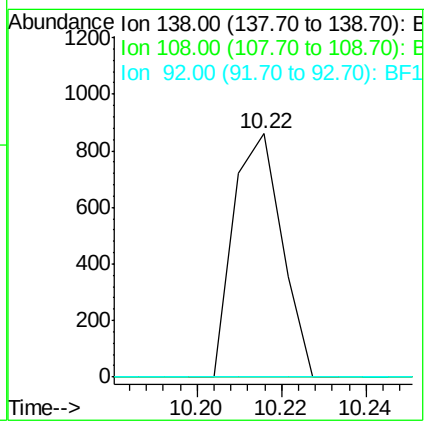


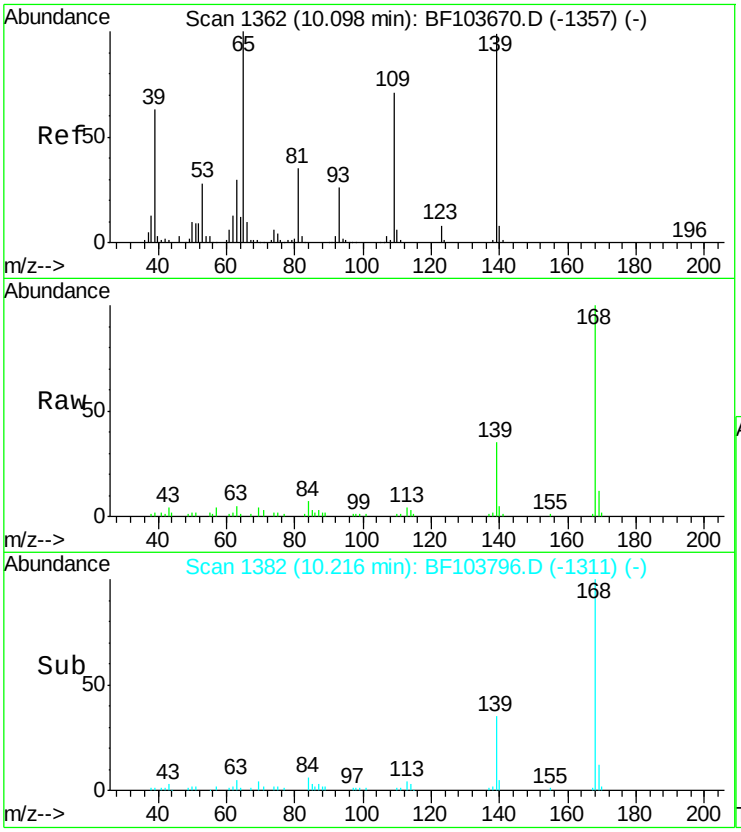


#52
3-Nitroaniline
Concen: 3.958 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.25 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Tgt Ion:138 Resp: 683

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



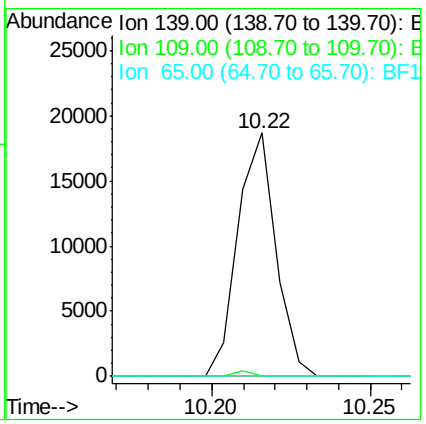


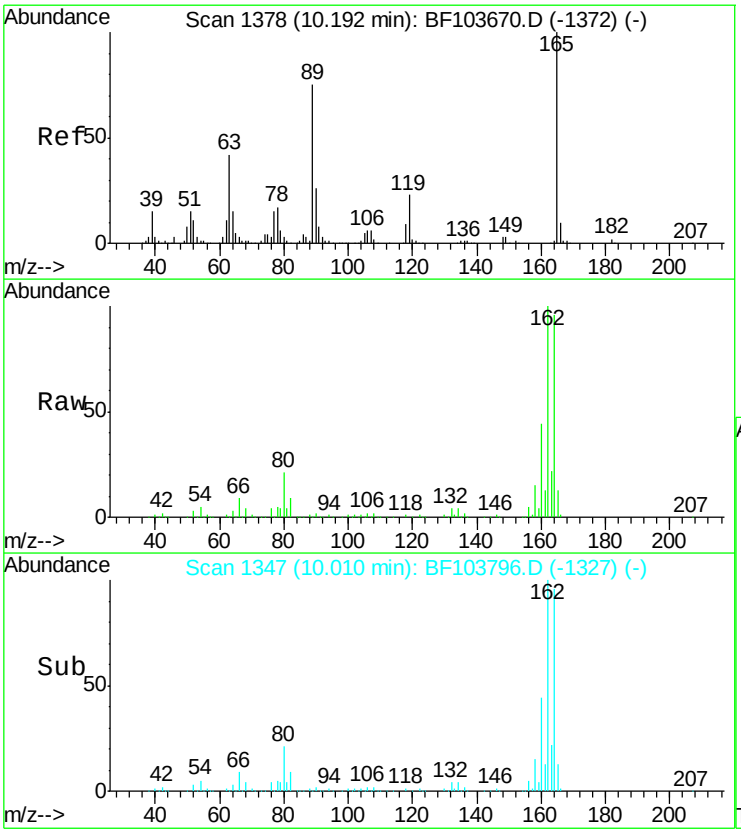
#55
4-Nitrophenol
Concen: 9.190 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.12 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 15517

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

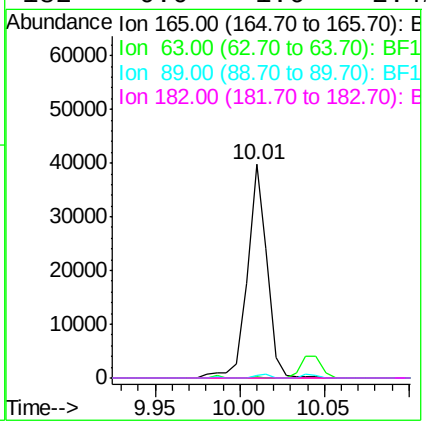


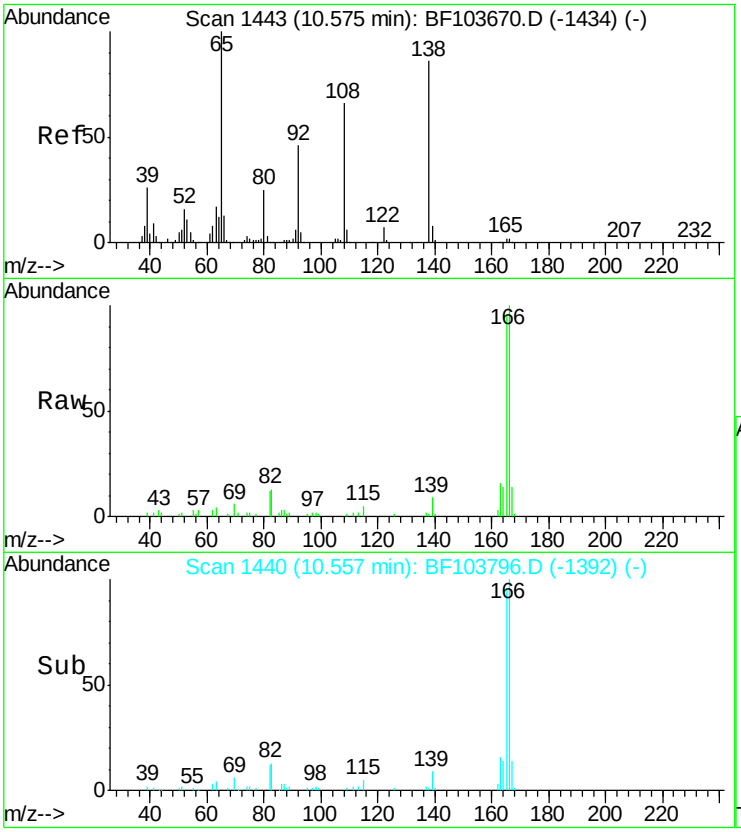


#56
2,4-Dinitrotoluene
Concen: 12.331 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.18 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Tgt Ion:165 Resp: 32440

Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



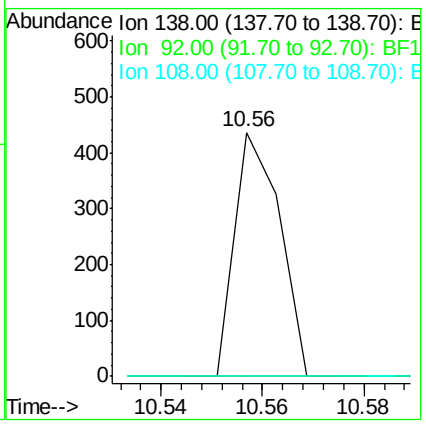


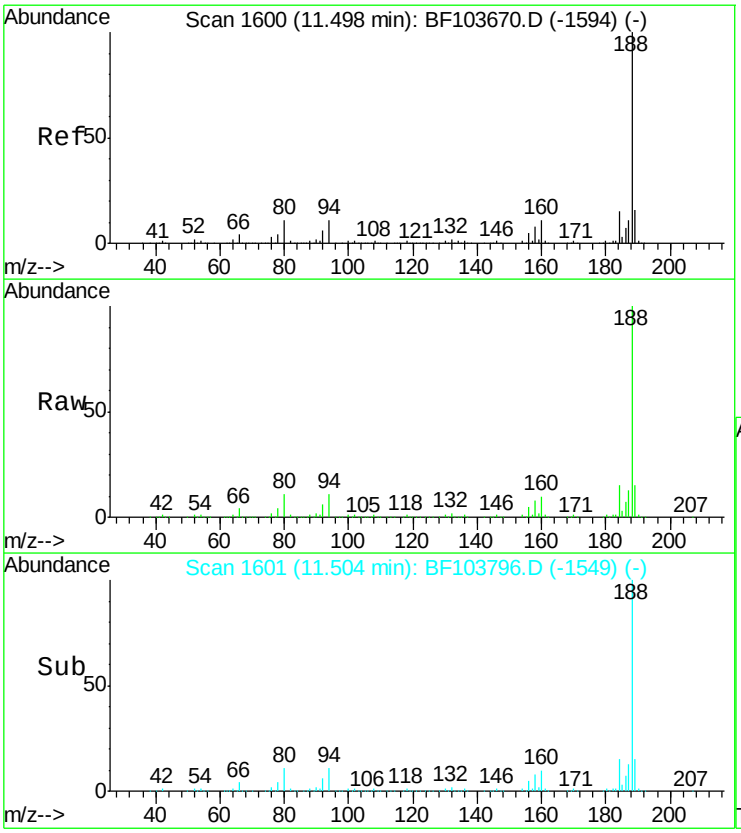
#61
4-Nitroaniline
Concen: 3.808 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 269

Ion	Ratio	Lower	Upper
138	100		
92	0.0	30.2	70.2#
108	0.0	52.5	92.5#

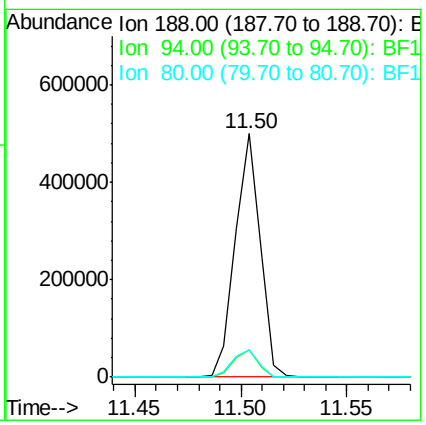


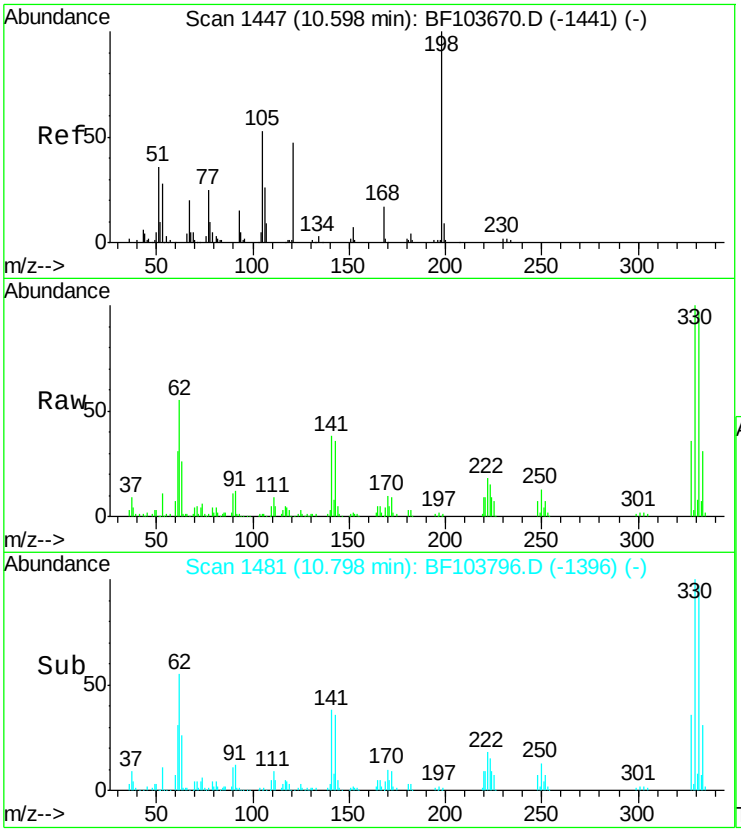


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Tgt Ion:188 Resp: 405508

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.2	9.2	13.8



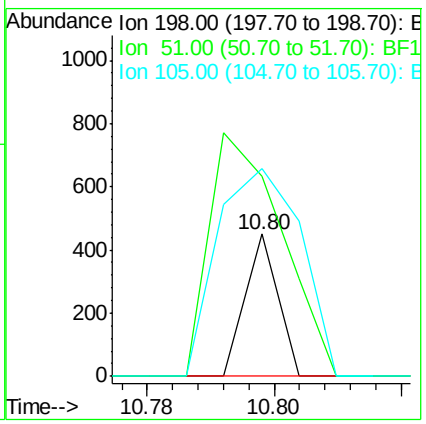


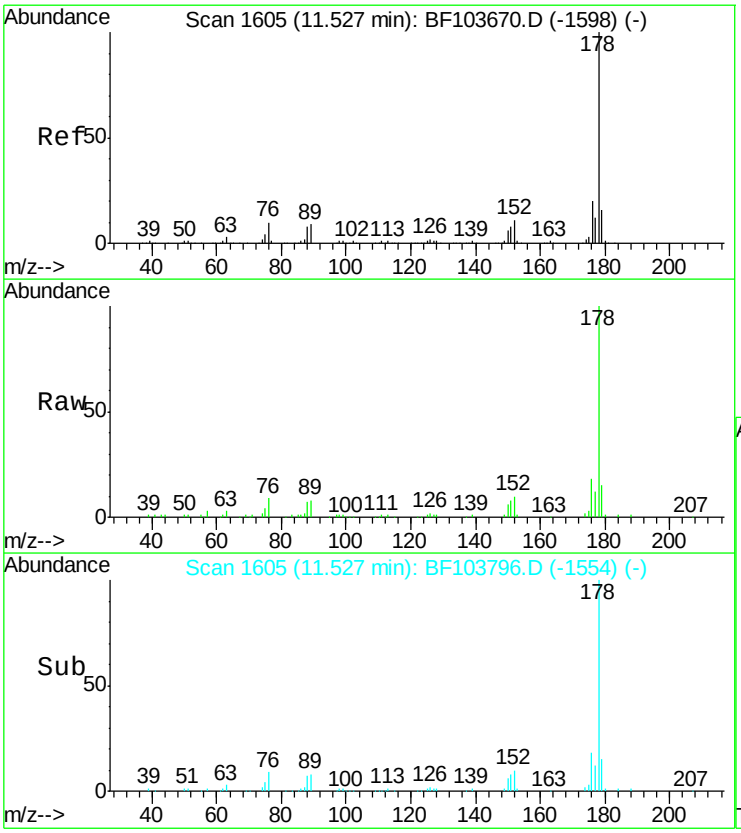
#64
4,6-Dinitro-2-methylphenol
Concen: 8.233 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.20 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 159

Ion	Ratio	Lower	Upper
198	100		
51	140.4	37.7	77.7#
105	146.1	36.3	76.3#

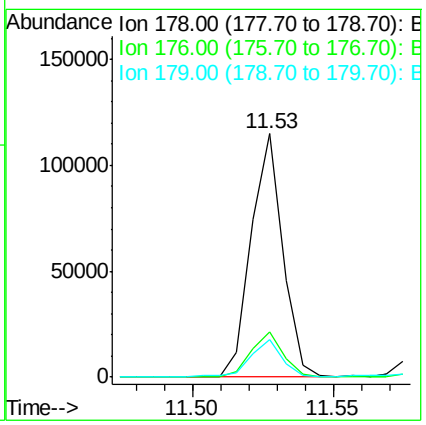


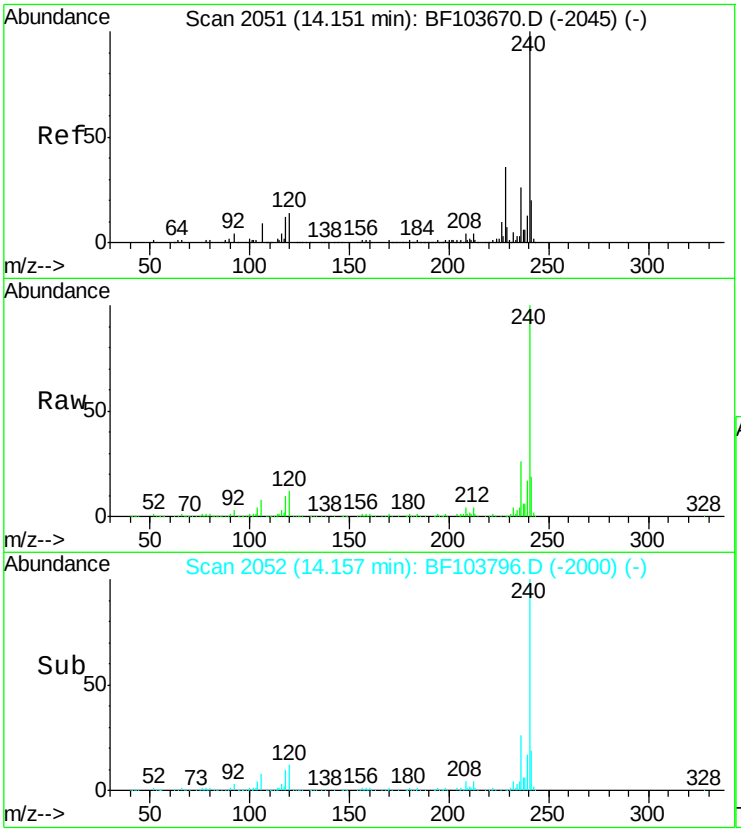


#70
Phenanthrene
Concen: 4.041 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Tgt Ion:178 Resp: 89645

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.4	13.0	19.6



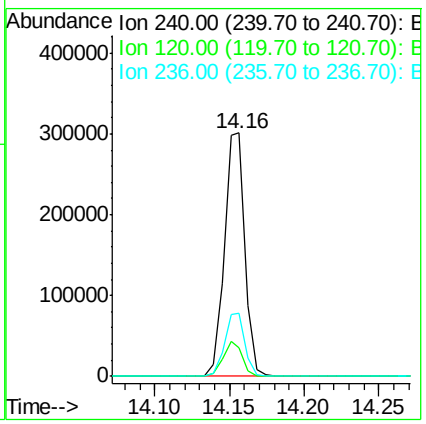


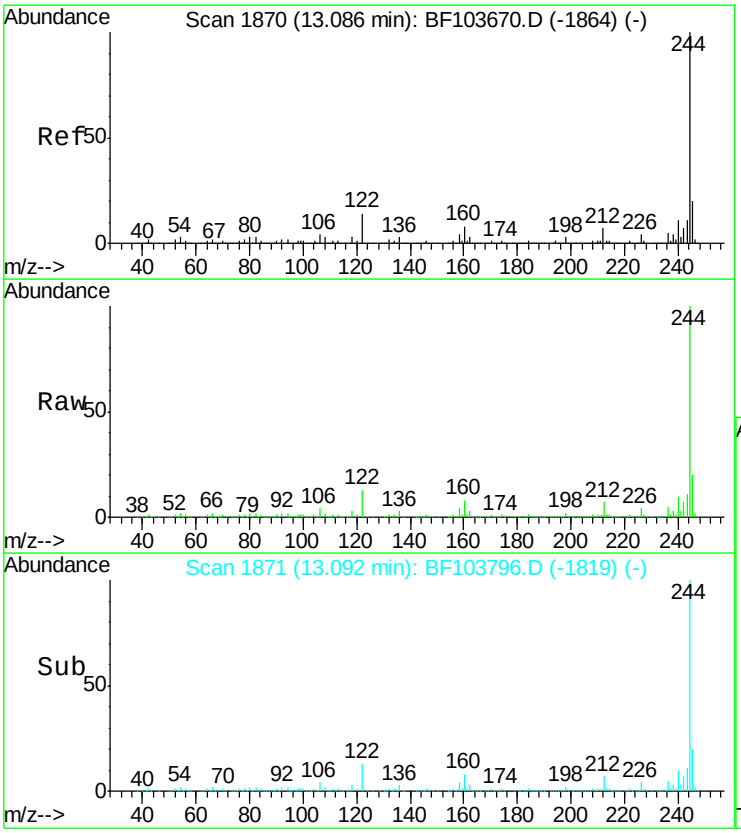
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 293587

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	26.0	20.7	31.1

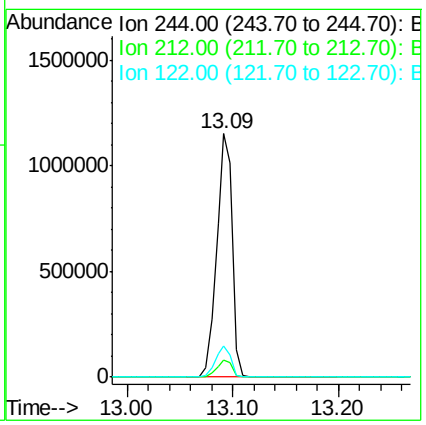


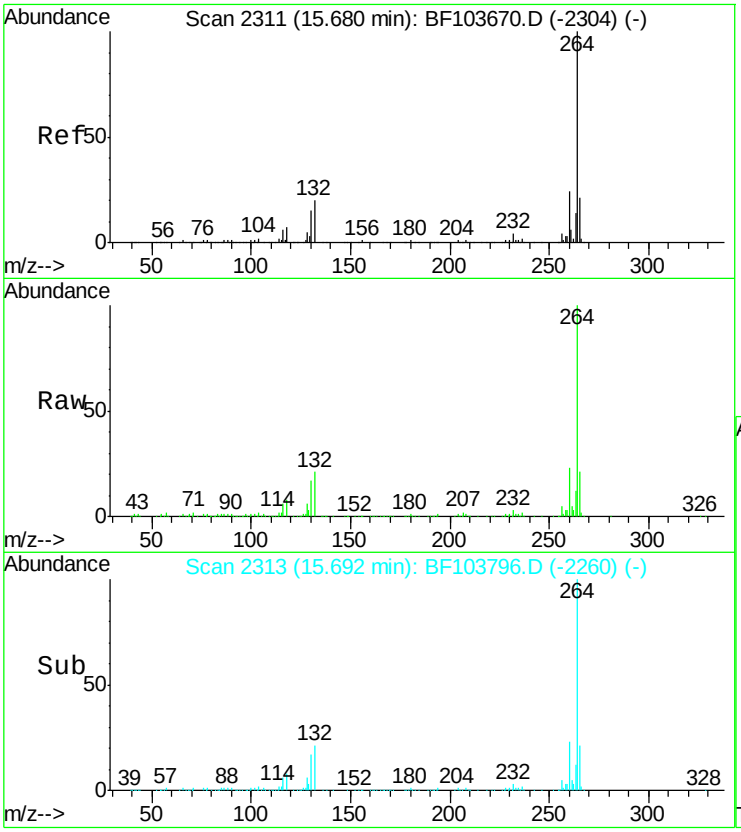


#78
Terphenyl-d14
Concen: 93.826 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103796.D
Acq: 20 Mar 2018 10:21

Tgt Ion:244 Resp: 1186746

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.0	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: BF103796.D
Acq: 20 Mar 2018 10:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 263654

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.4	17.5	26.3