Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103731.D
Acq On : 17 Mar 2018 9:26
Operator : JU/SJ
Sample : J1929-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 19 07:01:51 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	145612	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	565519	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	224881	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	317778	20.00	ng		0.00
75) Chrysene-d12	14.16	240	278261	20.00	ng		0.00
86) Perylene-d12	15.69	264	222164	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1176371	122.88	ng		0.02
7) Phenol-d6	6.59	99	1316766	112.42	ng		0.00
23) Nitrobenzene-d5	7.53	82	951975	117.39	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	264715	136.91	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1504926	106.75	ng		0.00
78) Terphenyl-d14	13.09	244	1083907	90.42	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.75	77	26774	3.480	ng		83
19) n-Nitroso-di-n-propylamine	7.53	70	126485	16.851	ng	#	74
25) Isophorone	7.53	82	951955	50.709	ng	#	64
26) 2-Nitrophenol	7.63	139	114	9.471	ng	#	34
47) 2-Nitroaniline	9.33	65	2467	7.358	ng	#	1
50) 2,6-Dinitrotoluene	10.01	165	28649	11.899	ng	#	25
56) 2,4-Dinitrotoluene	10.01	165	28649	12.145	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.80	198	478	8.567	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	15827	4.851	ng	#	1

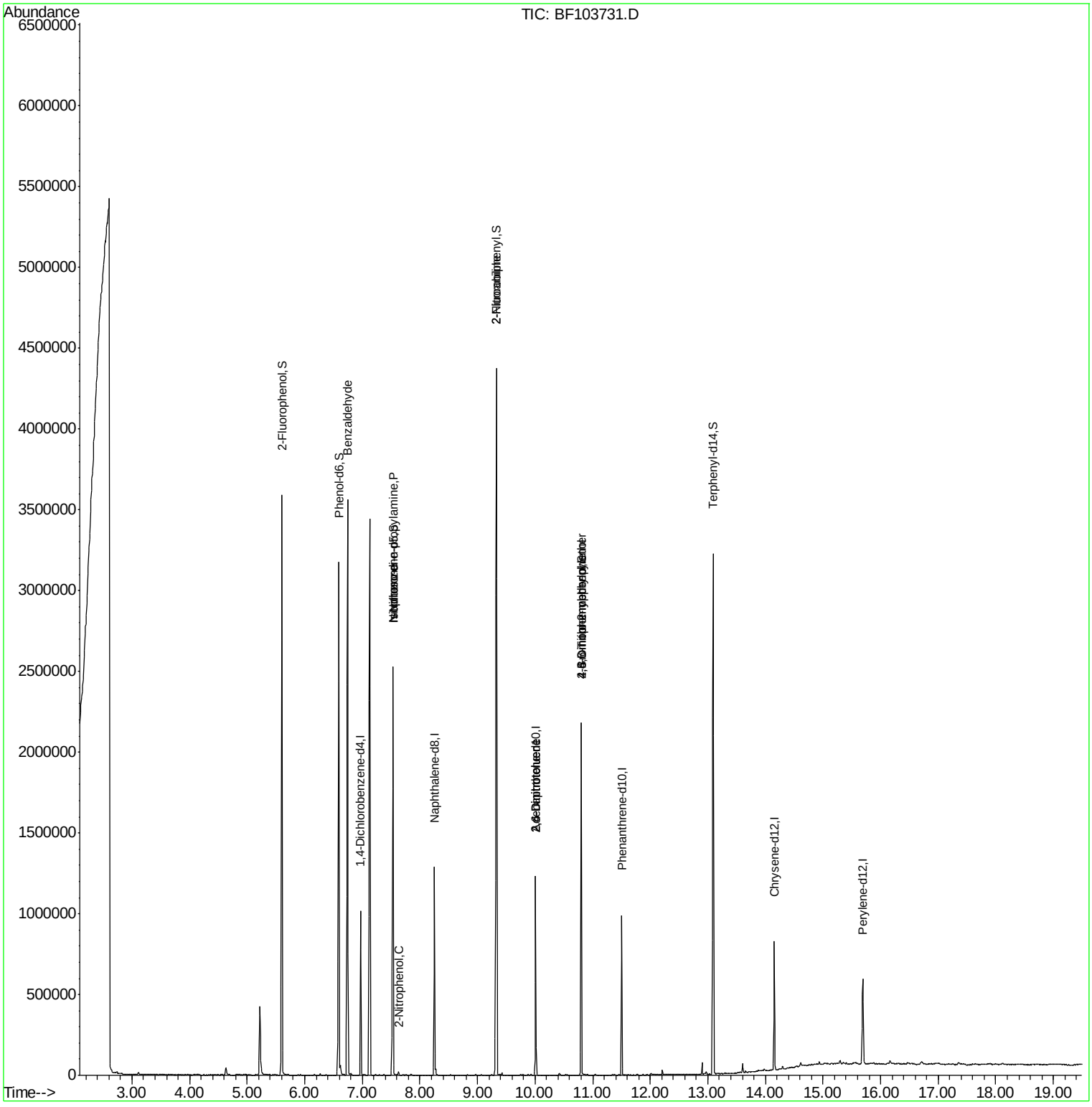
(#) = qualifier out of range (m) = manual integration (+) = signals summed

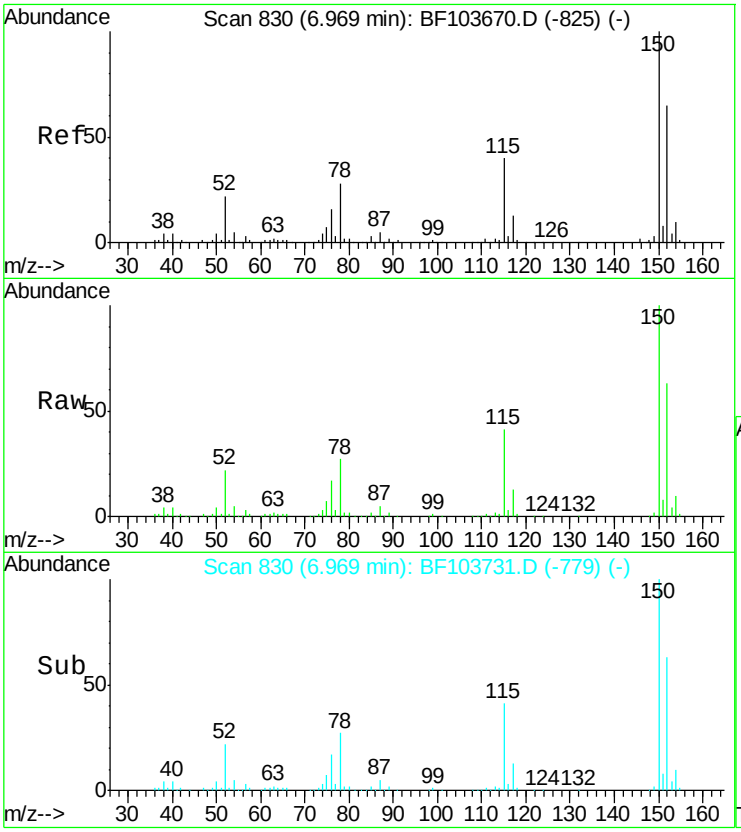
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103731.D
Acq On : 17 Mar 2018 9:26
Operator : JU/SJ
Sample : J1929-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 19 07:01:51 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



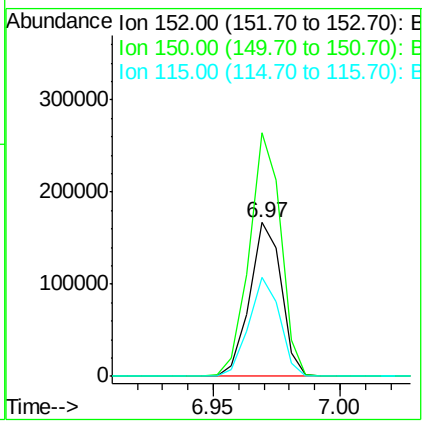


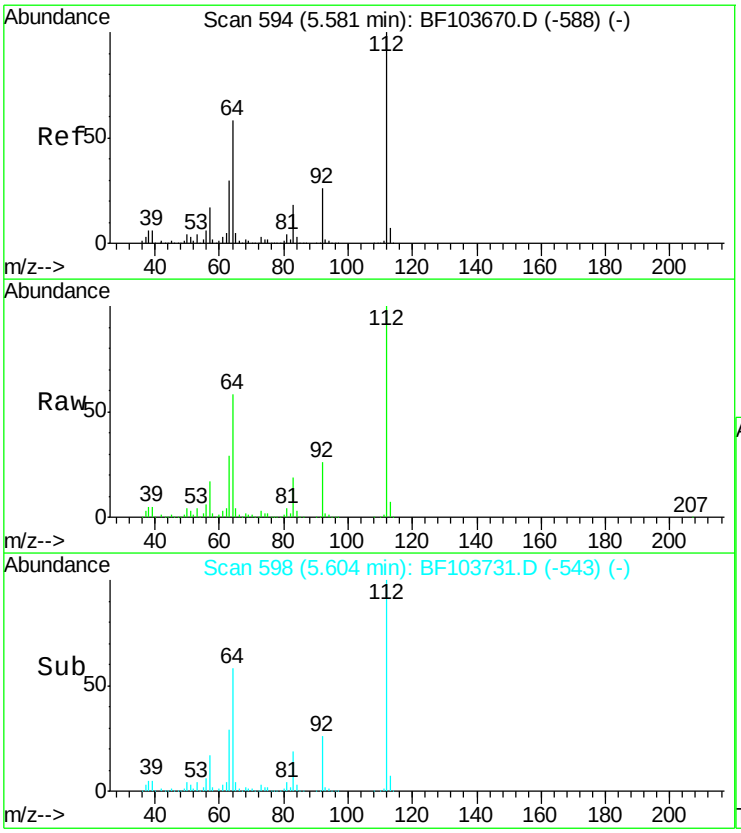
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 145612

Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	64.3	50.1	75.1

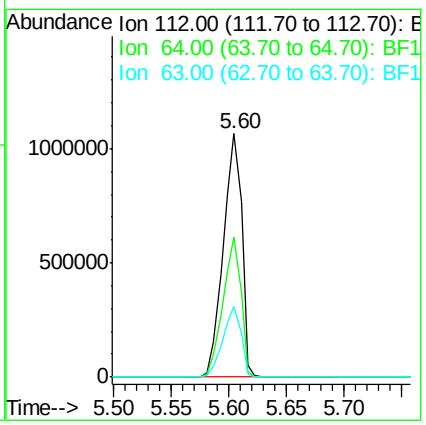


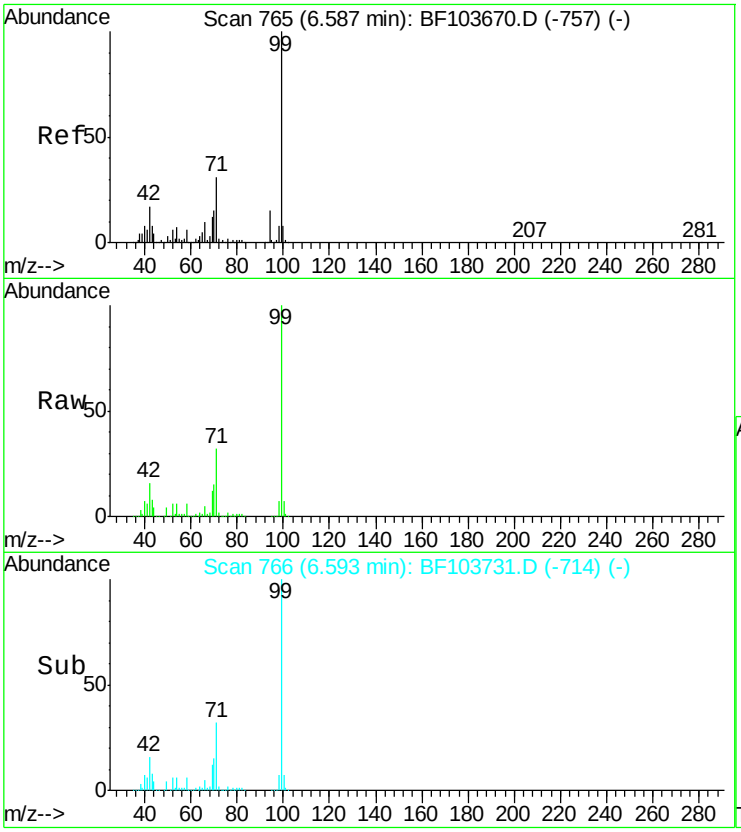


#5
2-Fluorophenol
Concen: 122.878 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.02 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Tgt Ion:112 Resp: 1176371

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	29.1	23.7	35.5



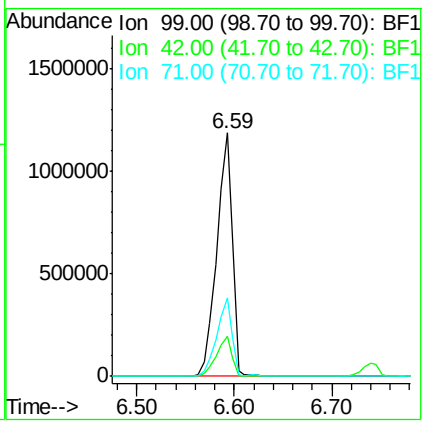


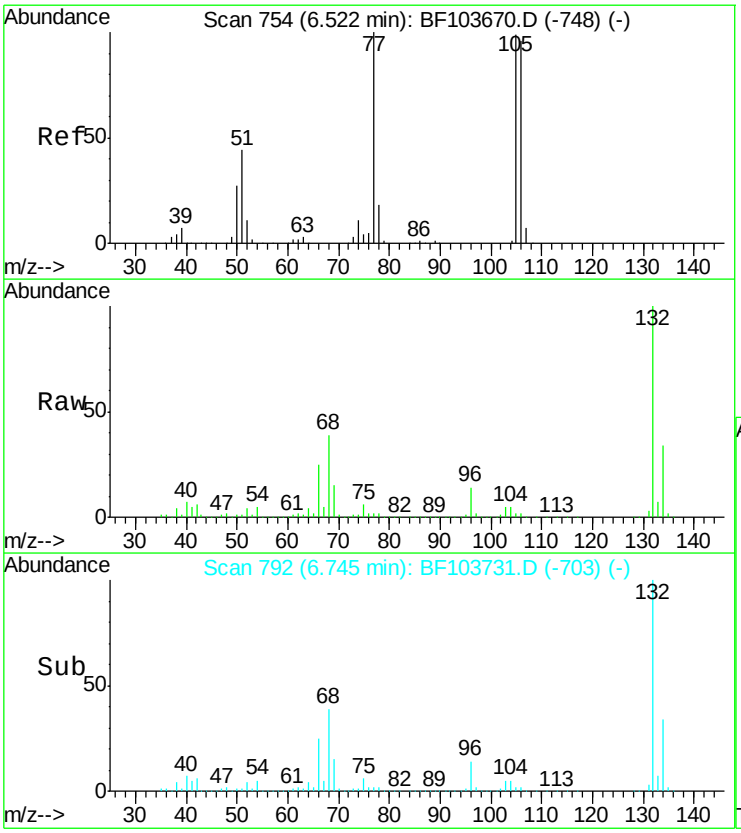
#7
Phenol-d6
Concen: 112.424 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1316766

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	32.3	25.4	38.0

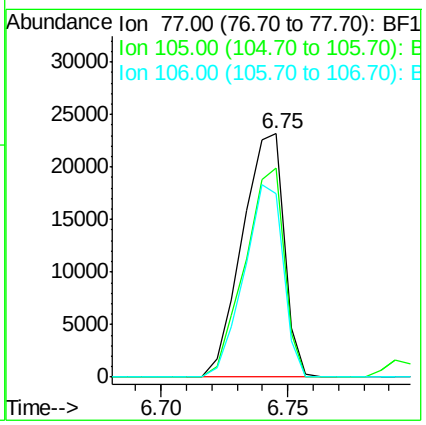


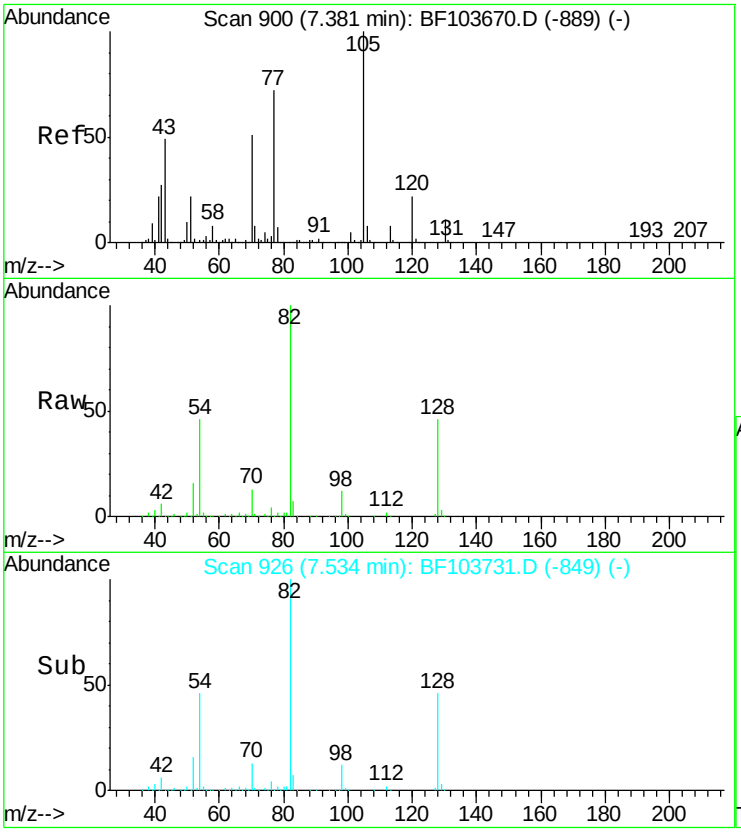


#9
Benzaldehyde
Concen: 3.480 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.22 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Tgt Ion: 77 Resp: 26774

Ion	Ratio	Lower	Upper
77	100		
105	85.7	81.1	121.1
106	75.5	74.5	114.5



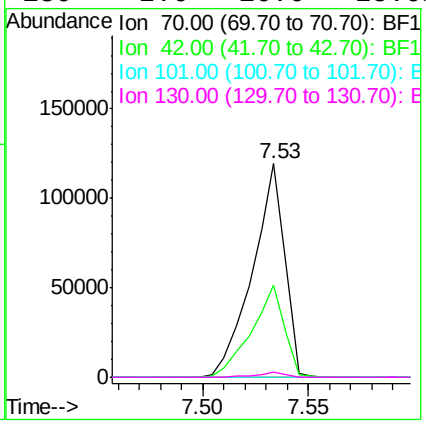


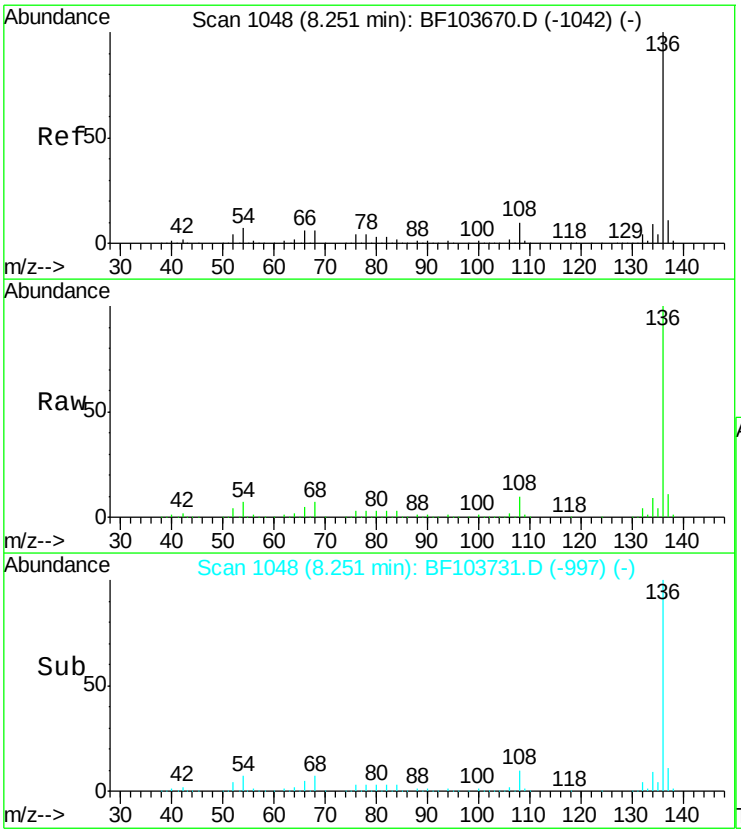
#19
n-Nitroso-di-n-propylamine
Concen: 16.851 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 126485

Ion	Ratio	Lower	Upper
70	100		
42	43.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#

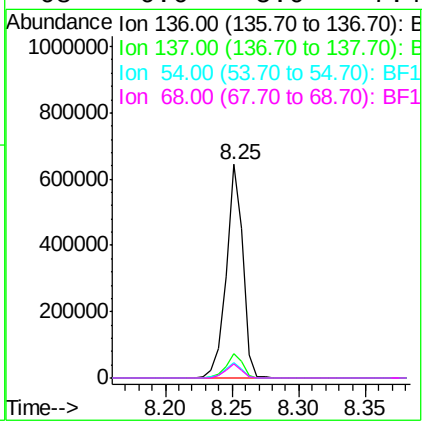


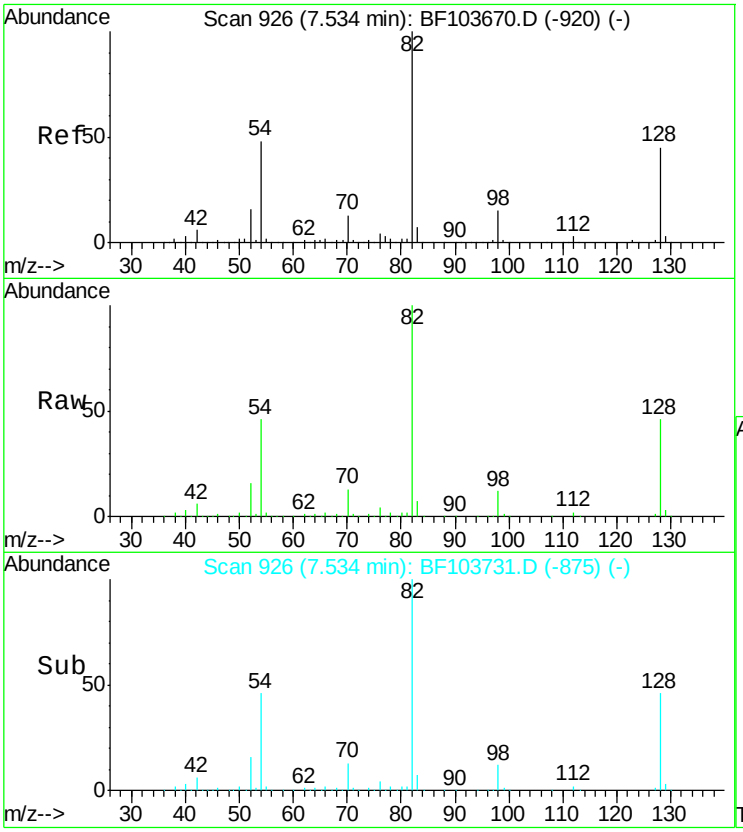


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Tgt Ion:136 Resp: 565519

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



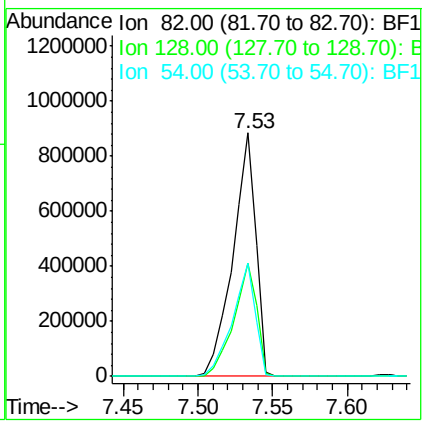


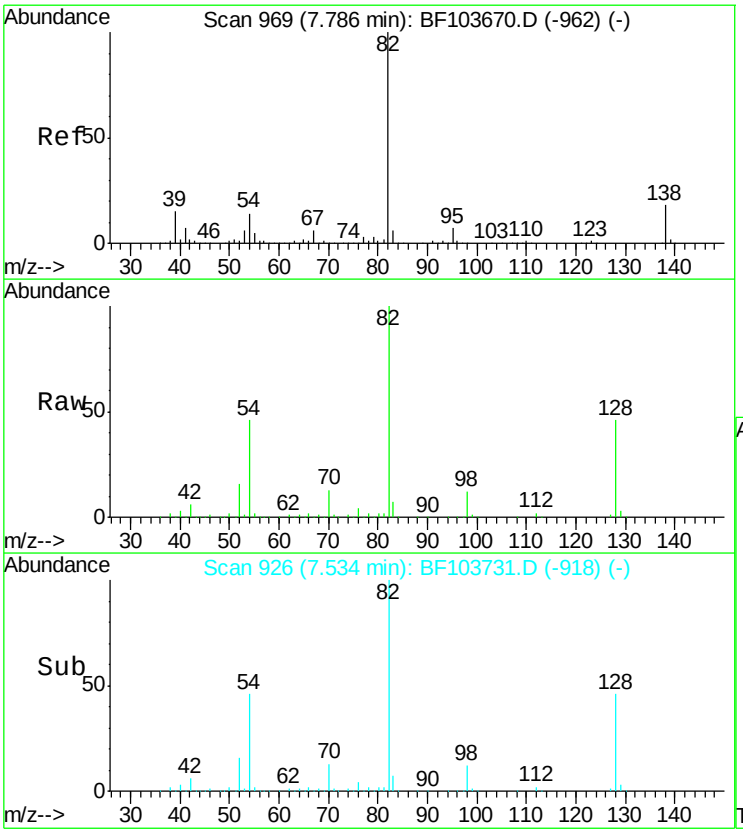
#23
Nitrobenzene-d5
Concen: 117.391 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 951975

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	46.4	41.4	62.2

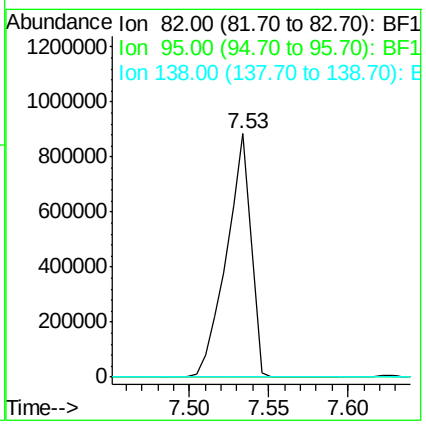


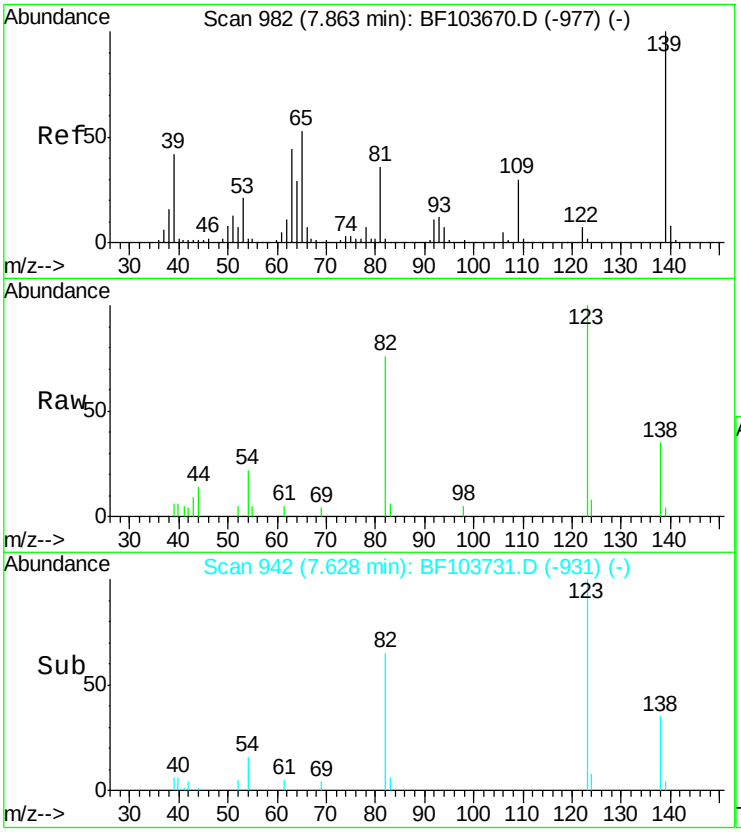


#25
Isophorone
Concen: 50.709 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Tgt Ion: 82 Resp: 951955

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



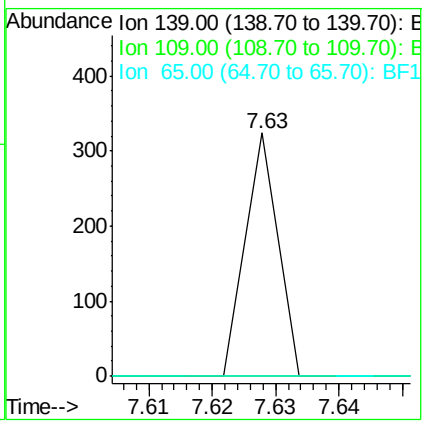


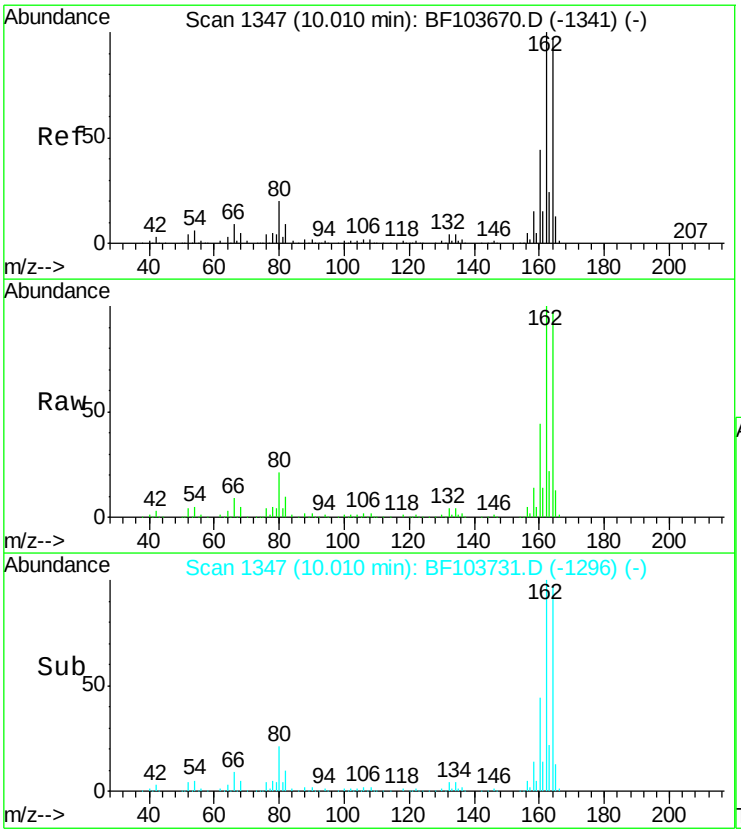
#26
2-Nitrophenol
Concen: 9.471 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.23 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 114

Ion	Ratio	Lower	Upper
139	100		
109	0.0	22.7	34.1#
65	0.0	40.5	60.7#

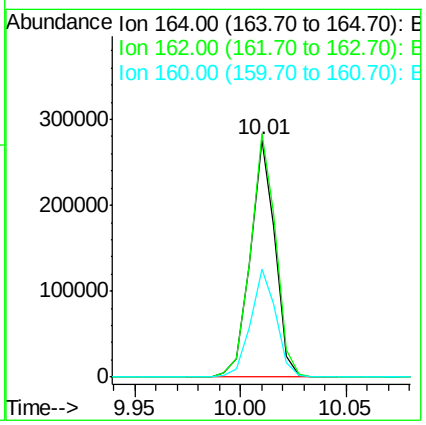


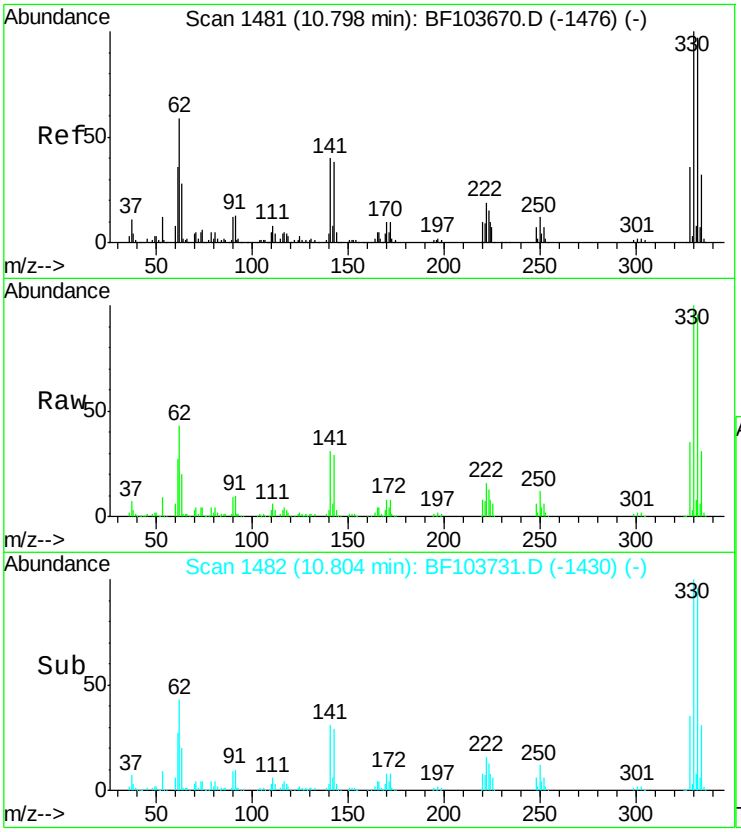


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Tgt Ion:164 Resp: 224881

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	45.5	38.3	57.5



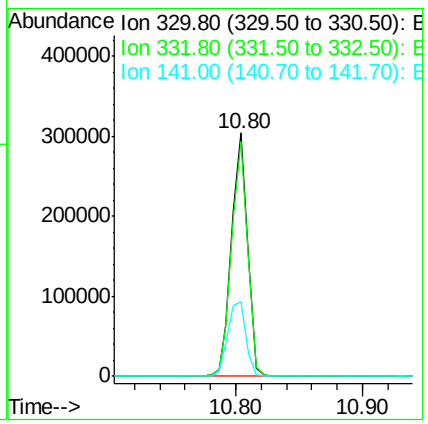


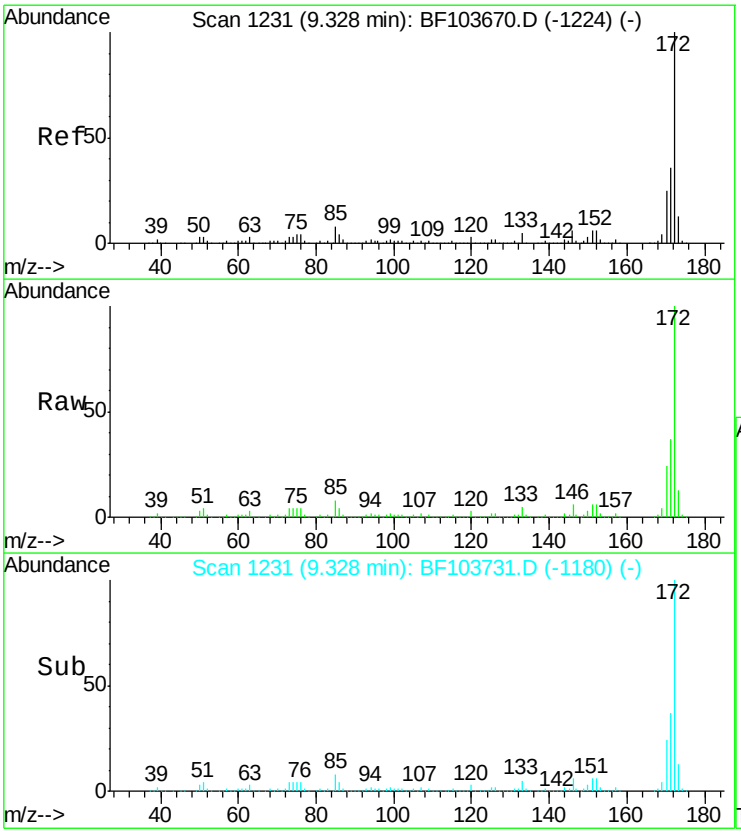
#41
2,4,6-Tribromophenol
Concen: 136.907 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 264715

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	35.1	29.9	44.9

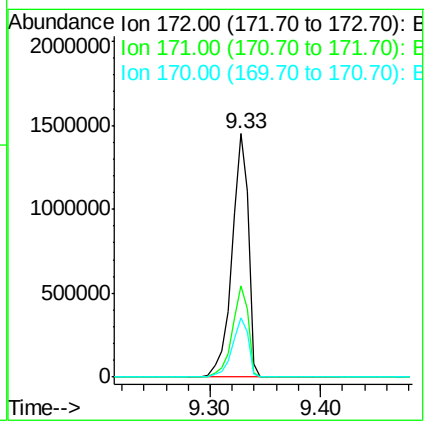


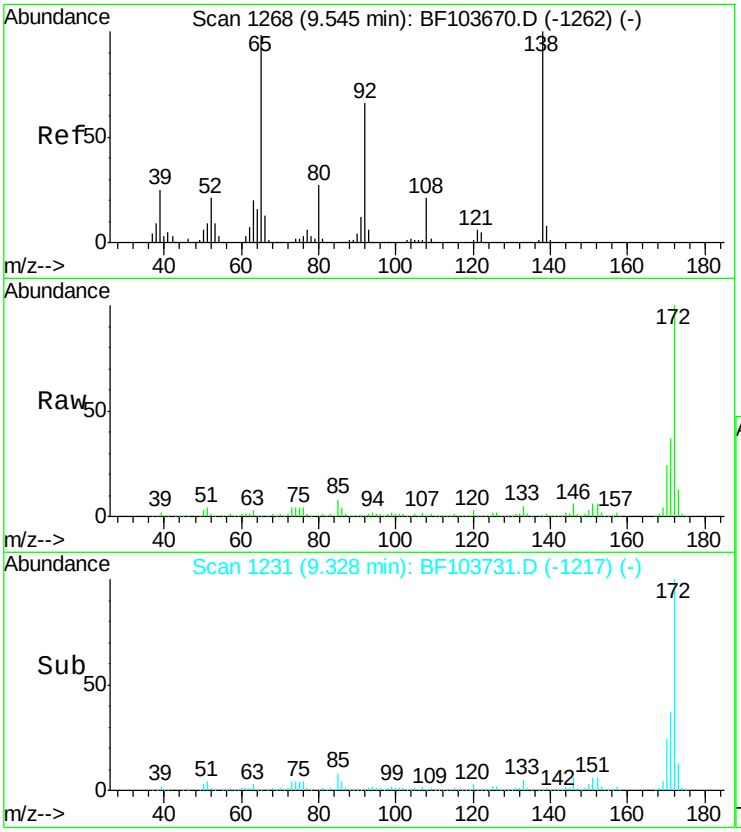


#44
2-Fluorobiphenyl
Concen: 106.749 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Tgt Ion:172 Resp: 1504926

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.5	19.6	29.4



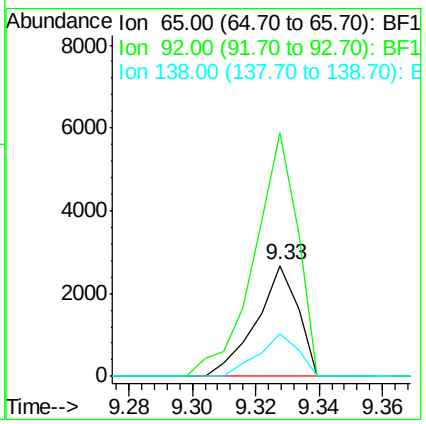


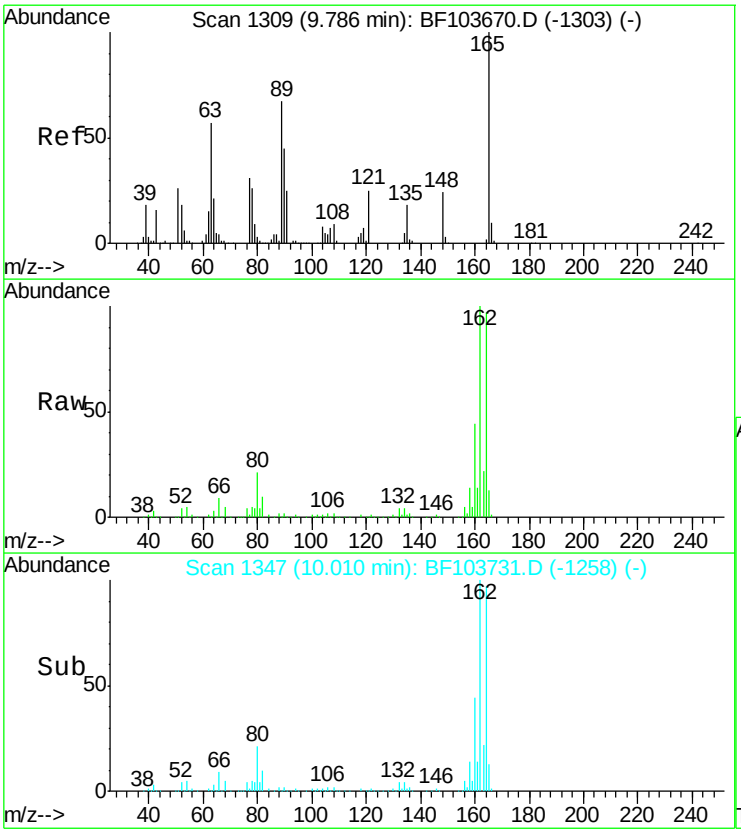
#47
2-Nitroaniline
Concen: 7.358 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.22 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 2467

Ion	Ratio	Lower	Upper
65	100		
92	219.2	55.8	83.6#
138	38.5	91.2	136.8#

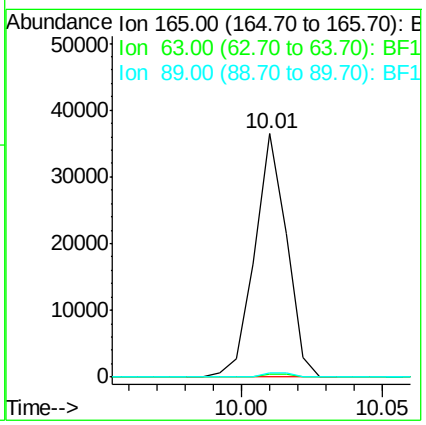


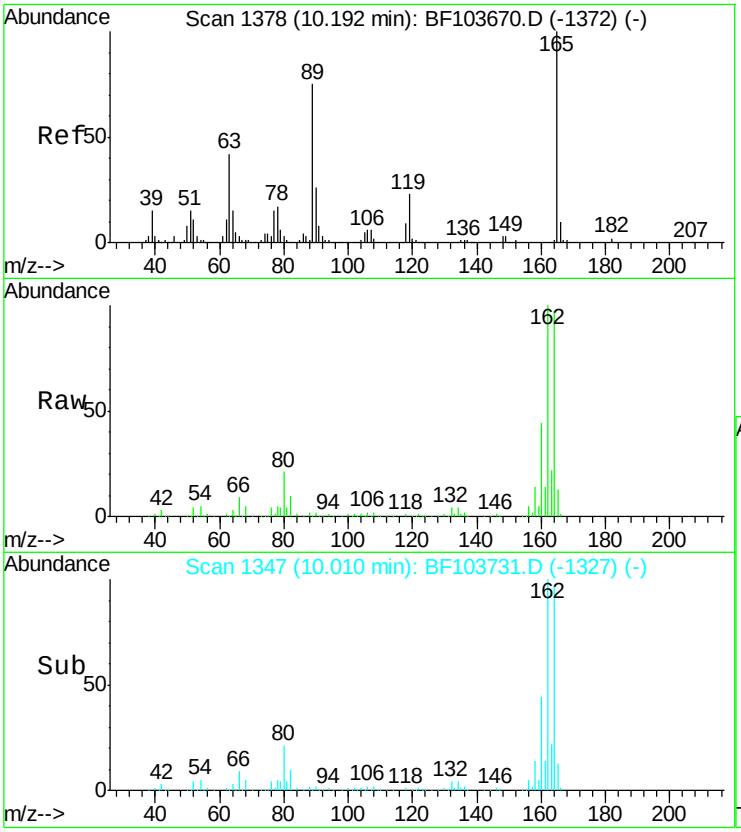


#50
2,6-Dinitrotoluene
Concen: 11.899 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Tgt Ion:165 Resp: 28649

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.5	44.0	66.0#



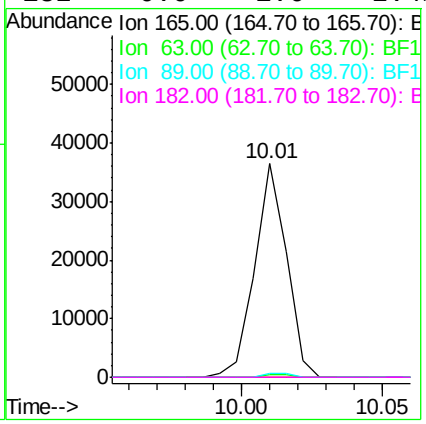


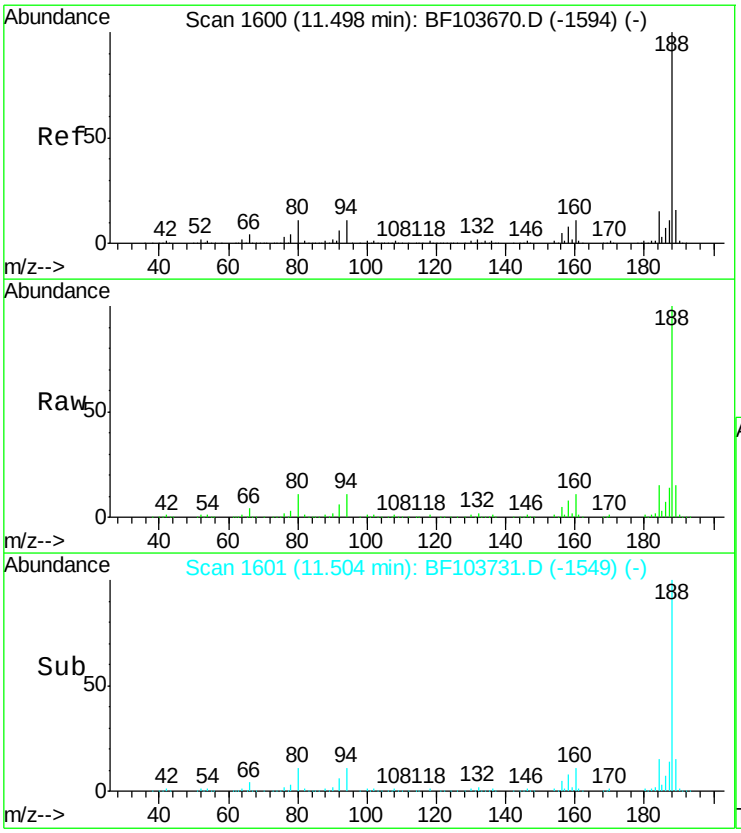
#56
2,4-Dinitrotoluene
Concen: 12.145 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.18 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28649

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

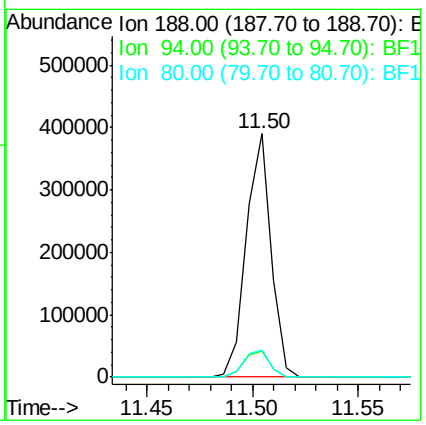


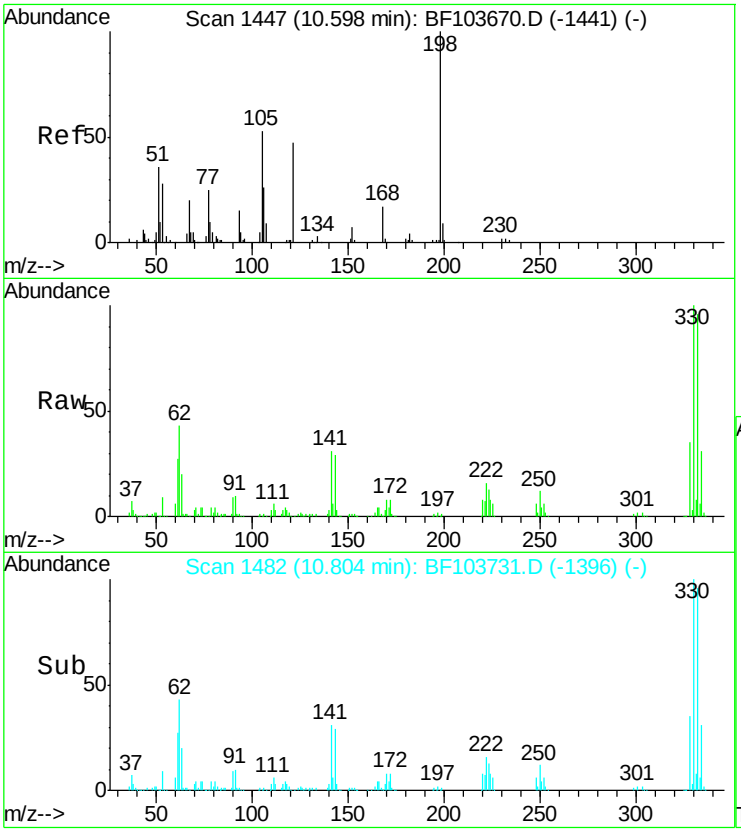


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Tgt Ion:188 Resp: 317778

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.4	9.2	13.8



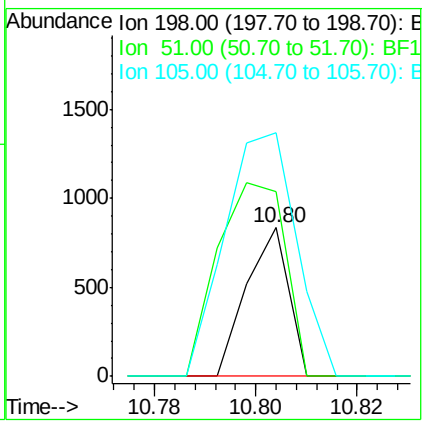


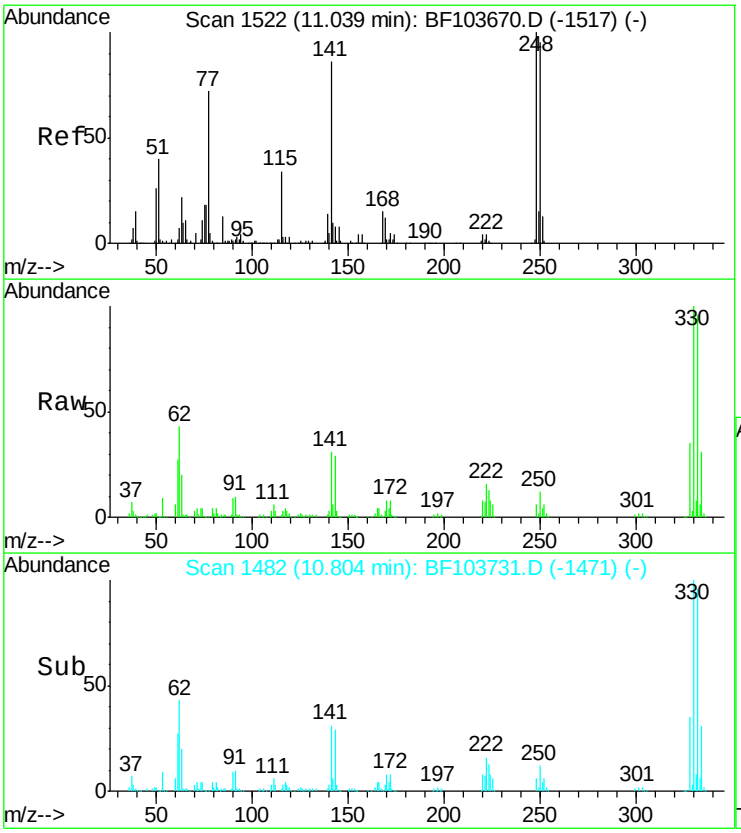
#64
4,6-Dinitro-2-methylphenol
Concen: 8.567 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.21 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 478

Ion	Ratio	Lower	Upper
198	100		
51	124.8	37.7	77.7#
105	164.2	36.3	76.3#

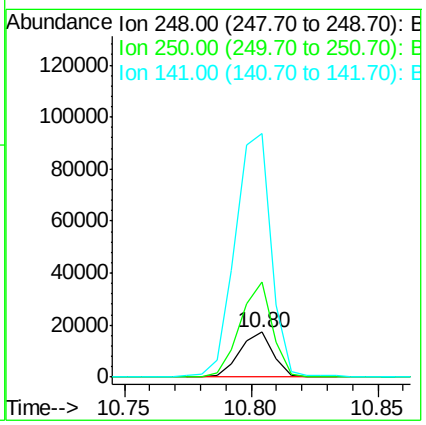


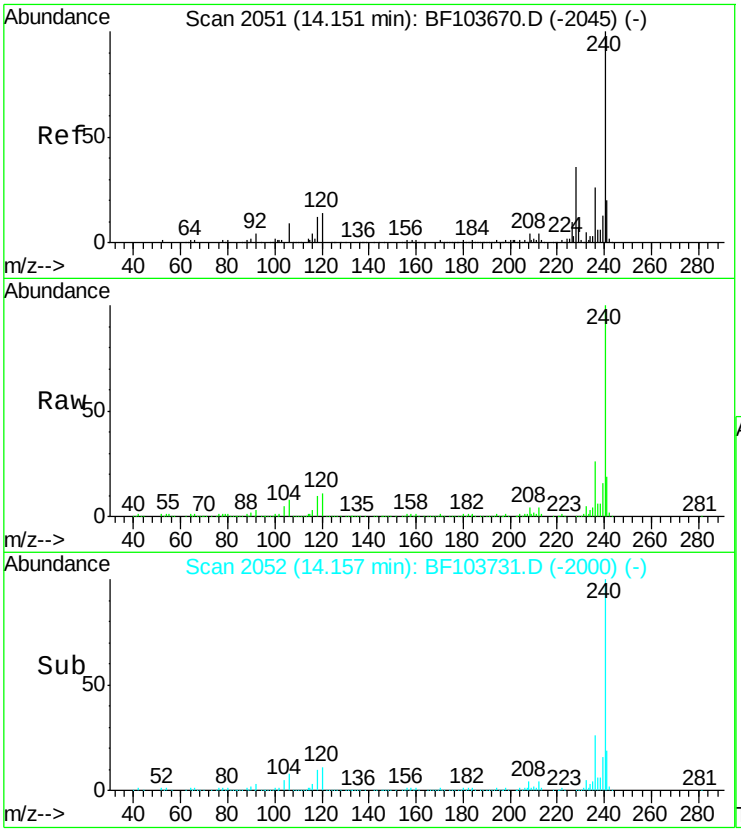


#66
4-Bromophenyl-phenylether
Concen: 4.851 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Tgt Ion:248 Resp: 15827

Ion	Ratio	Lower	Upper
248	100		
250	211.2	76.9	115.3#
141	543.2	74.4	111.6#



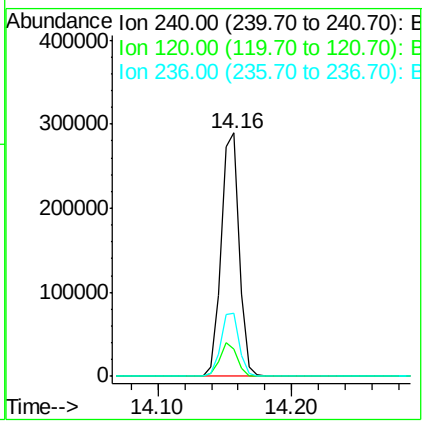


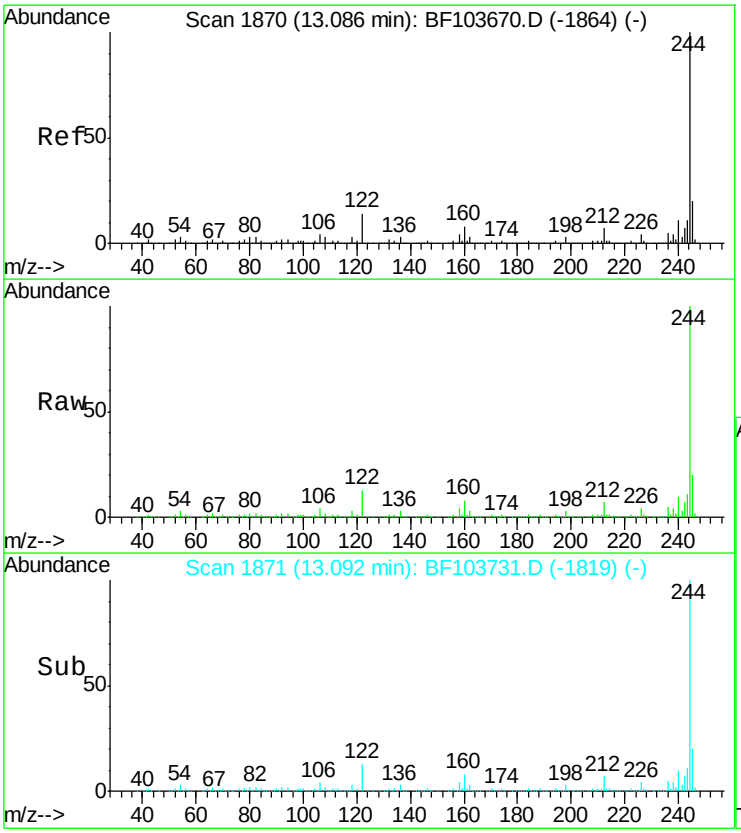
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 278261

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	25.9	20.7	31.1

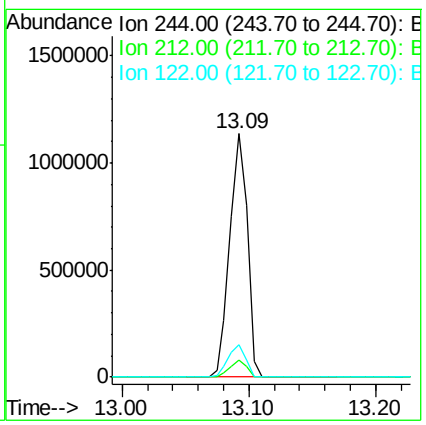


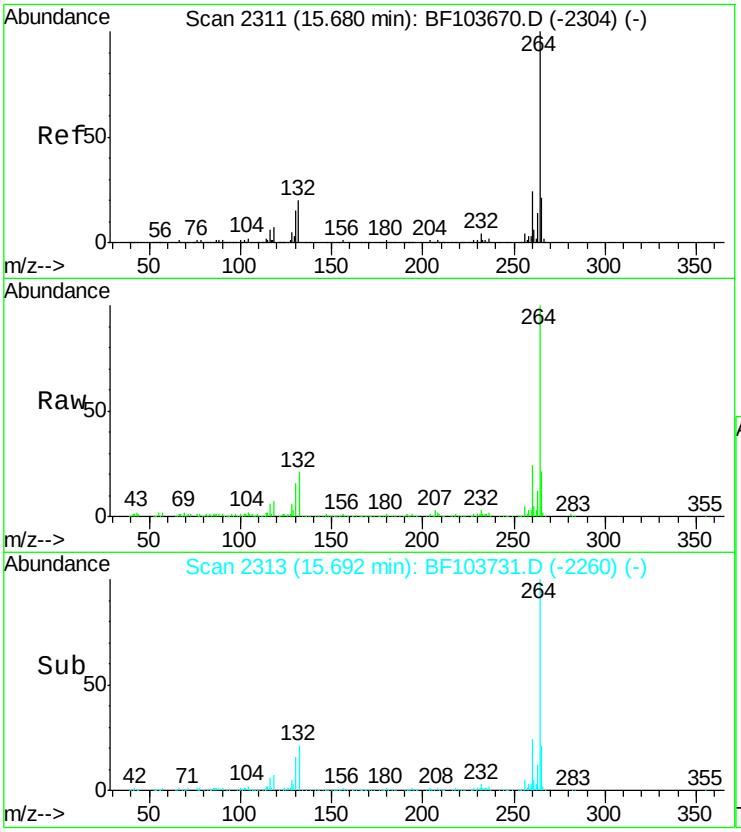


#78
Terphenyl-d14
Concen: 90.415 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103731.D
Acq: 17 Mar 2018 9:26

Tgt Ion:244 Resp: 1083907

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.2	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: BF103731.D
Acq: 17 Mar 2018 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 222164

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.1	17.5	26.3