Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106380.D
Acq On : 13 Jun 2018 8:25
Operator : JU/SJ
Sample : J3396-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 13 10:44:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	129412	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	438794	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	182900	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	375060	20.00	ng		0.00
75) Chrysene-d12	14.15	240	380351	20.00	ng		0.00
86) Perylene-d12	15.69	264	275501	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	480507	62.84	ng		0.04
7) Phenol-d6	6.63	99	361054	37.38	ng		0.04
23) Nitrobenzene-d5	7.54	82	717350	96.17	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	259776	147.62	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1116264	124.99	ng		0.00
78) Terphenyl-d14	13.09	244	1382152	90.26	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.75	77	18324	2.501	ng		83
19) n-Nitroso-di-n-propylamine	7.54	70	98793	13.631	ng	#	74
25) Isophorone	7.54	82	717327	49.237	ng	#	64
49) Dimethylphthalate	9.72	163	34189	2.616	ng		98
50) 2,6-Dinitrotoluene	10.01	165	23466	8.791	ng	#	25
56) 2,4-Dinitrotoluene	10.01	165	23466	7.001	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.81	198	548	6.530	ng	#	1
66) 4-Bromophenyl-phenylether	10.81	248	16696	3.914	ng	#	1

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

Quantitation Report (Not Reviewed)

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Data File : BF106380.D
Acq On : 13 Jun 2018 8:25
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Misc :
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BNA_F
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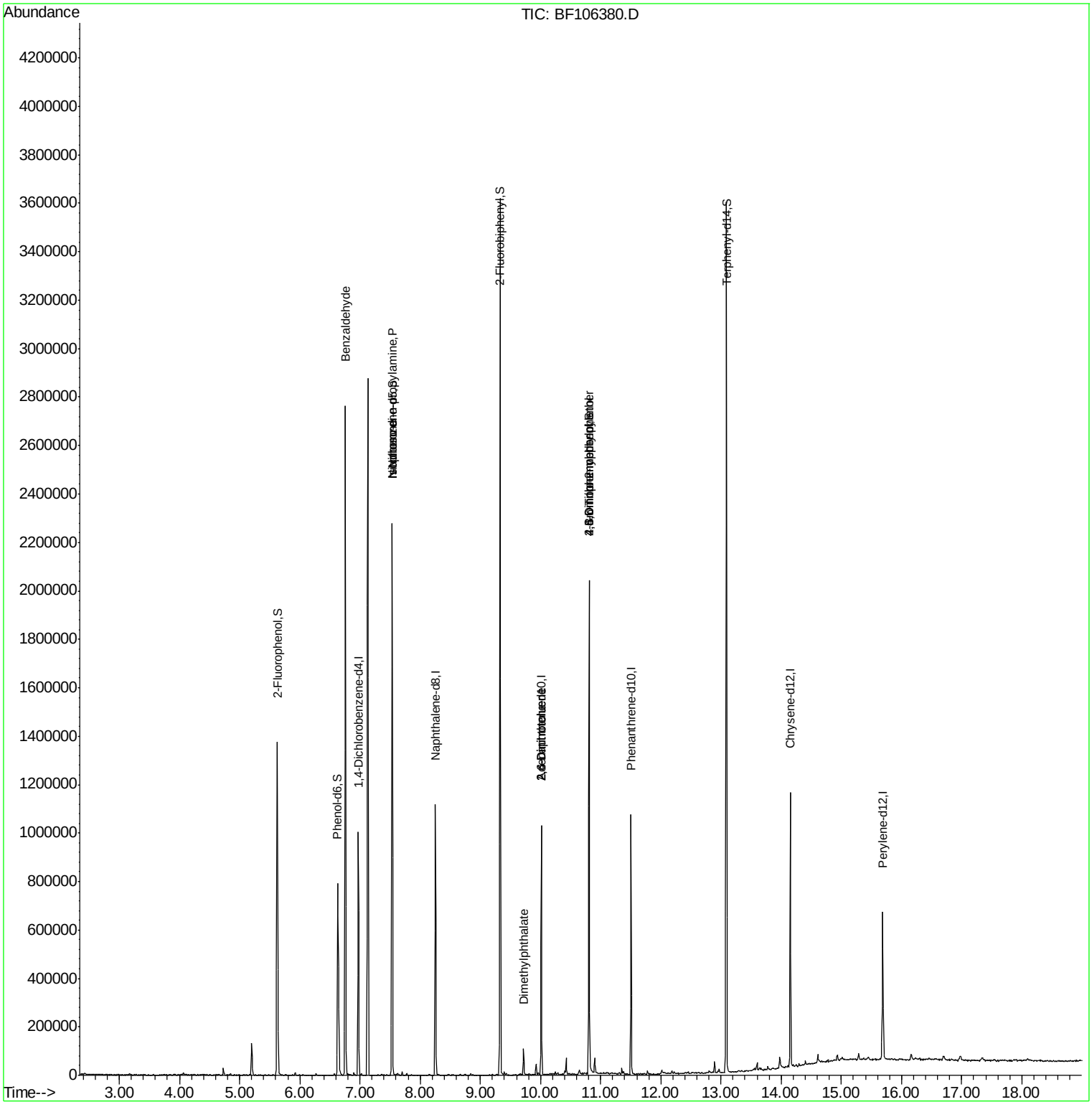
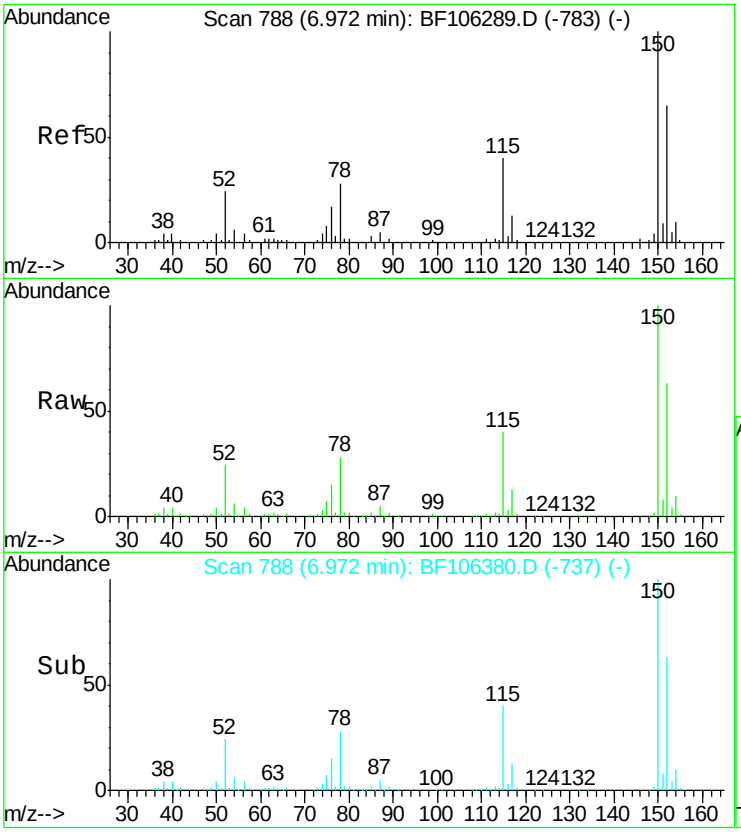


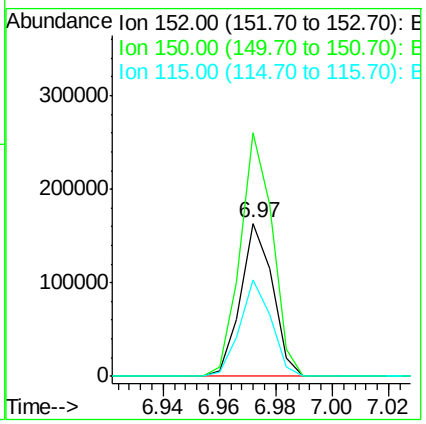


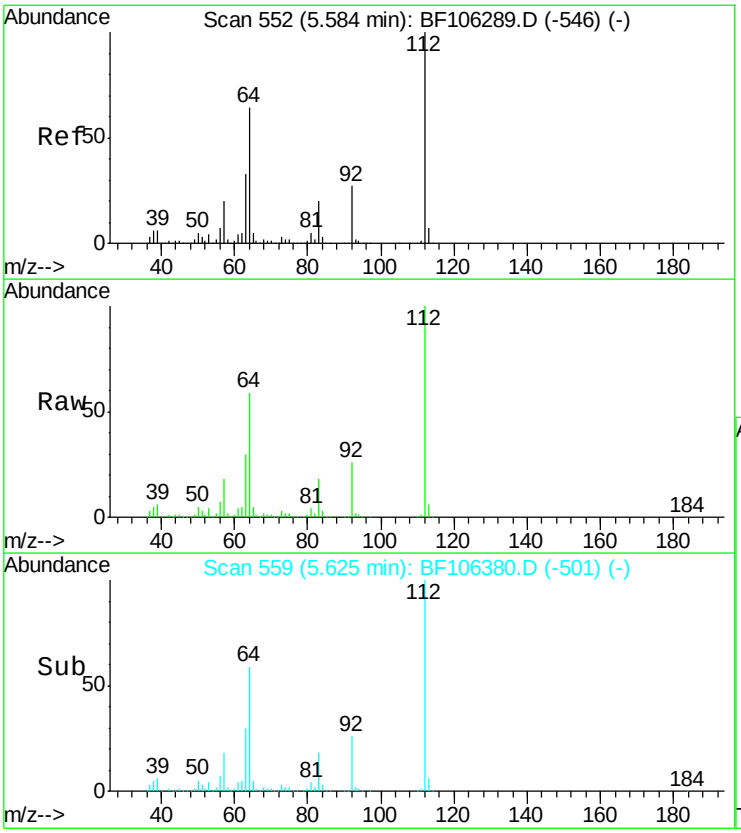
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106380.D
Acq: 13 Jun 2018 8:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 129412

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	63.0	50.1	75.1

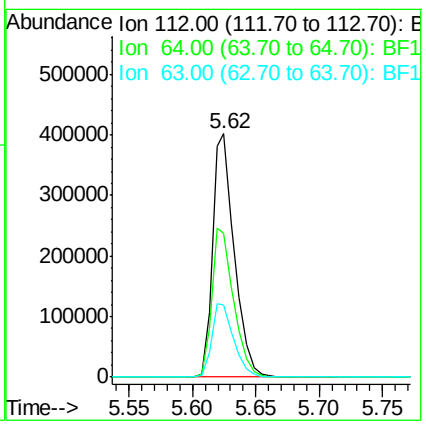


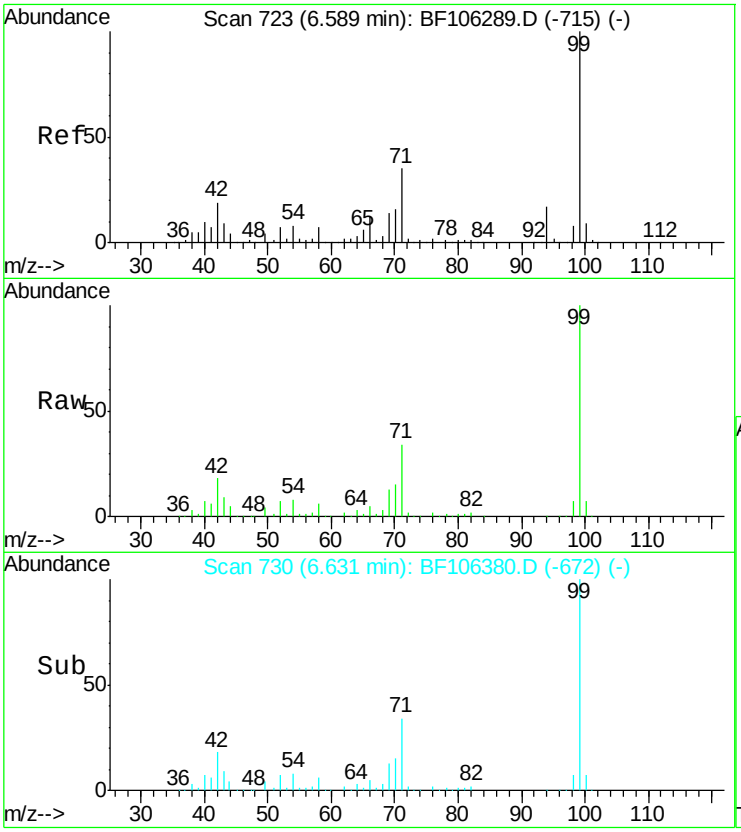


#5
2-Fluorophenol
Concen: 62.843 ng
RT: 5.62 min Scan# 559
Delta R.T. 0.04 min
Lab File: BF106380.D
Acq: 13 Jun 2018 8:25

Tgt Ion:112 Resp: 480507

Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	29.7	23.7	35.5



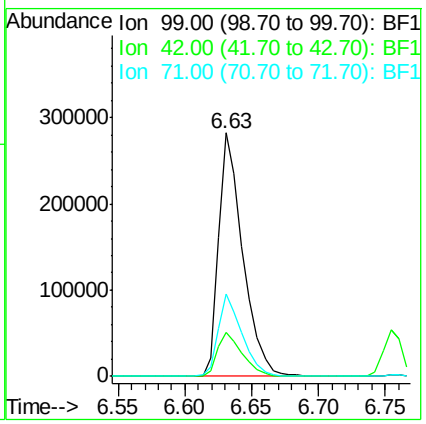


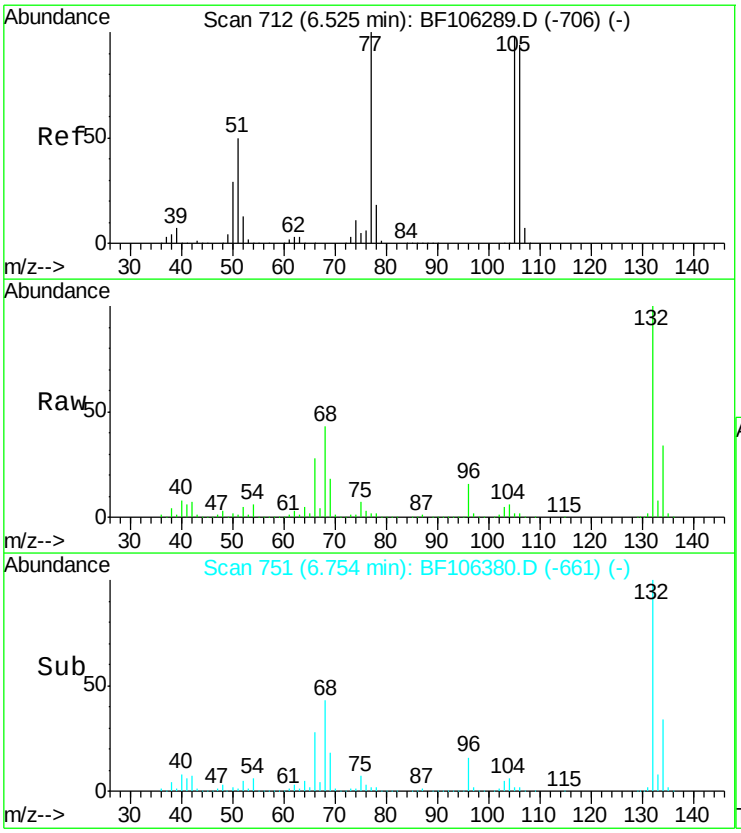
#7
Phenol-d6
Concen: 37.375 ng
RT: 6.63 min Scan# 730
Delta R.T. 0.04 min
Lab File: BF106380.D
Acq: 13 Jun 2018 8:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 361054

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.5	21.7
71	33.6	25.4	38.0

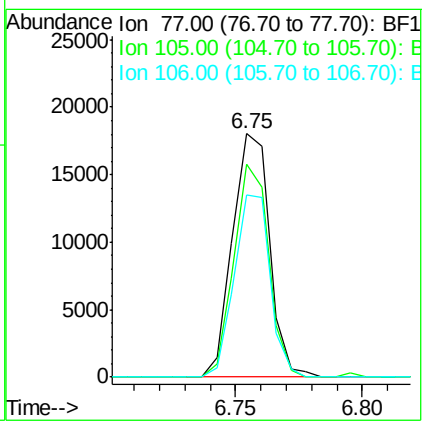


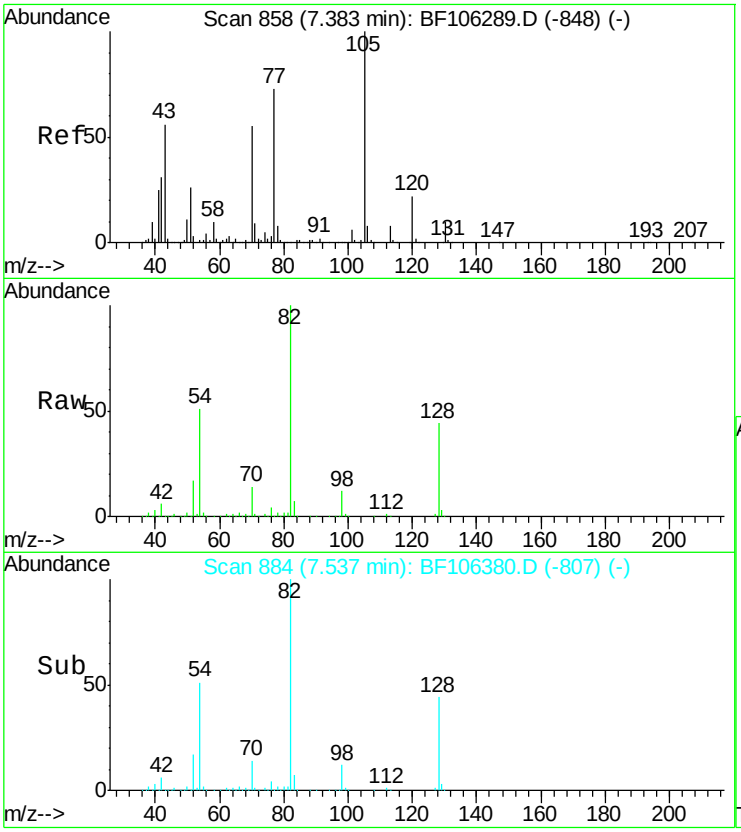


#9
Benzaldehyde
Concen: 2.501 ng
RT: 6.75 min Scan# 751
Delta R.T. 0.23 min
Lab File: BF106380.D
Acq: 13 Jun 2018 8:25

Tgt Ion: 77 Resp: 18324

Ion	Ratio	Lower	Upper
77	100		
105	87.6	81.1	121.1
106	74.7	74.5	114.5



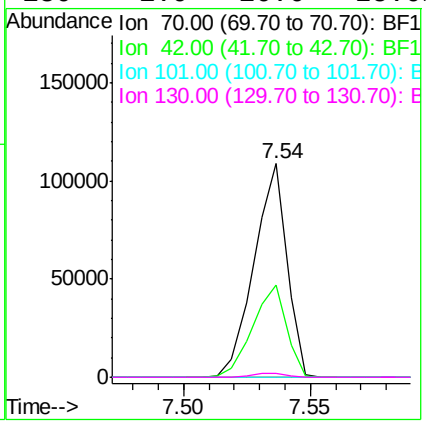


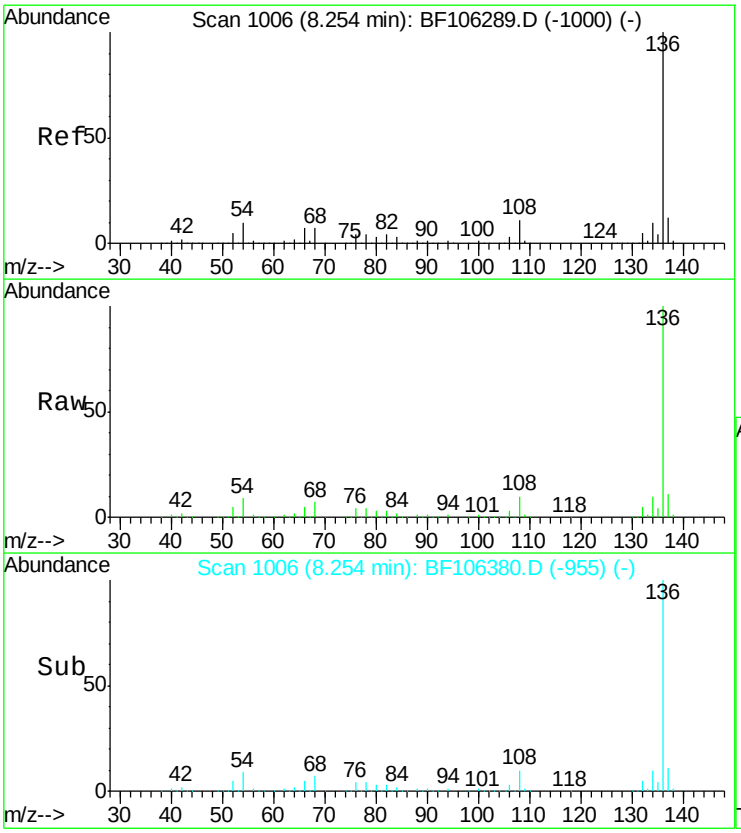
#19
n-Nitroso-di-n-propylamine
Concen: 13.631 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF106380.D
Acq: 13 Jun 2018 8:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 98793

Ion	Ratio	Lower	Upper
70	100		
42	43.3	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

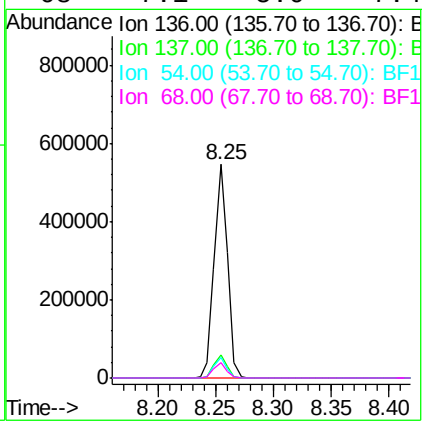


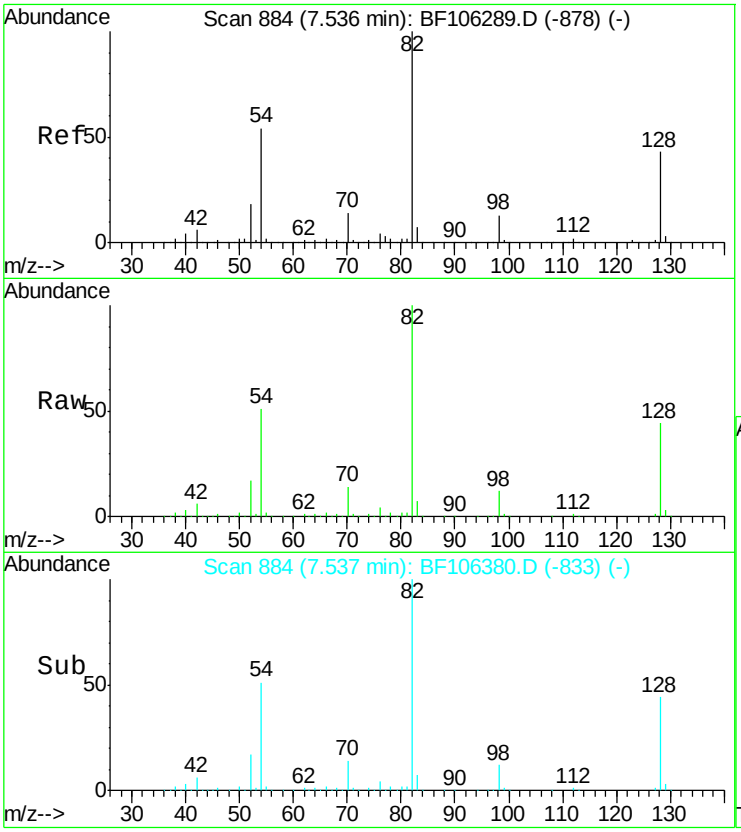


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106380.D
Acq: 13 Jun 2018 8:25

Tgt Ion:136 Resp: 438794

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.4	6.6	9.8
68	7.1	5.0	7.4



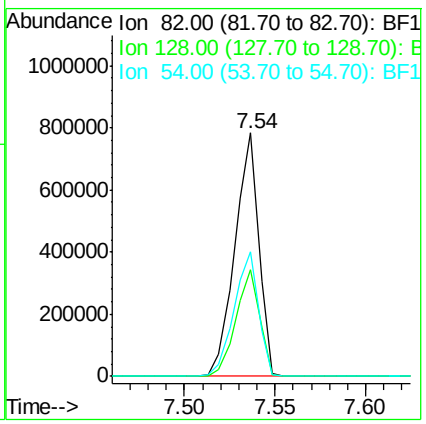


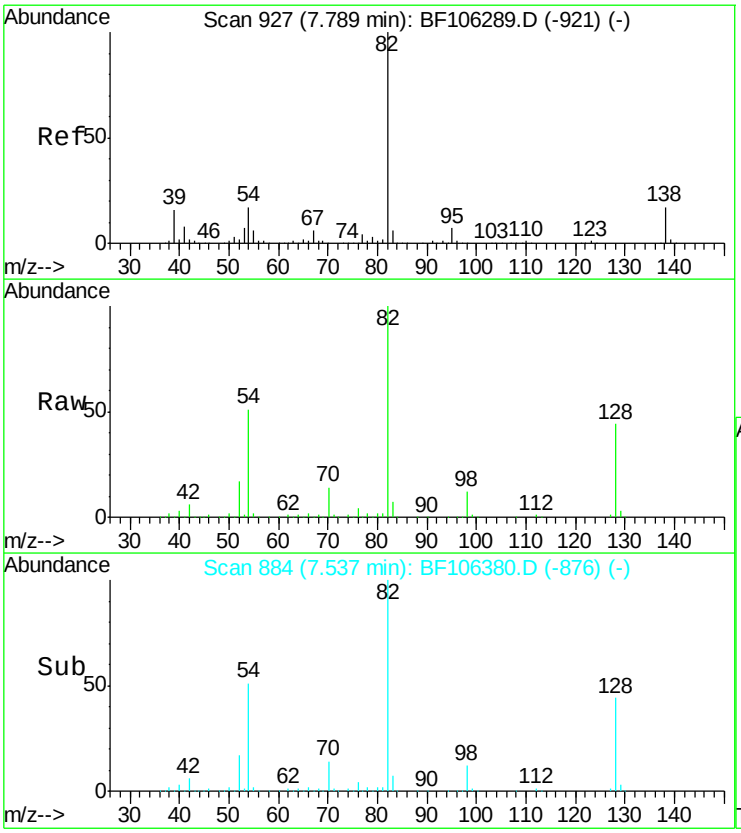
#23
Nitrobenzene-d5
Concen: 96.174 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF106380.D
Acq: 13 Jun 2018 8:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 717350

Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	51.3	41.4	62.2

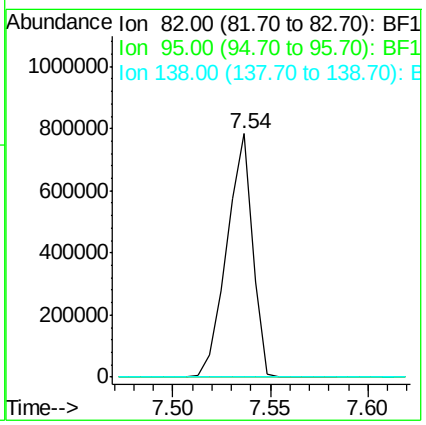


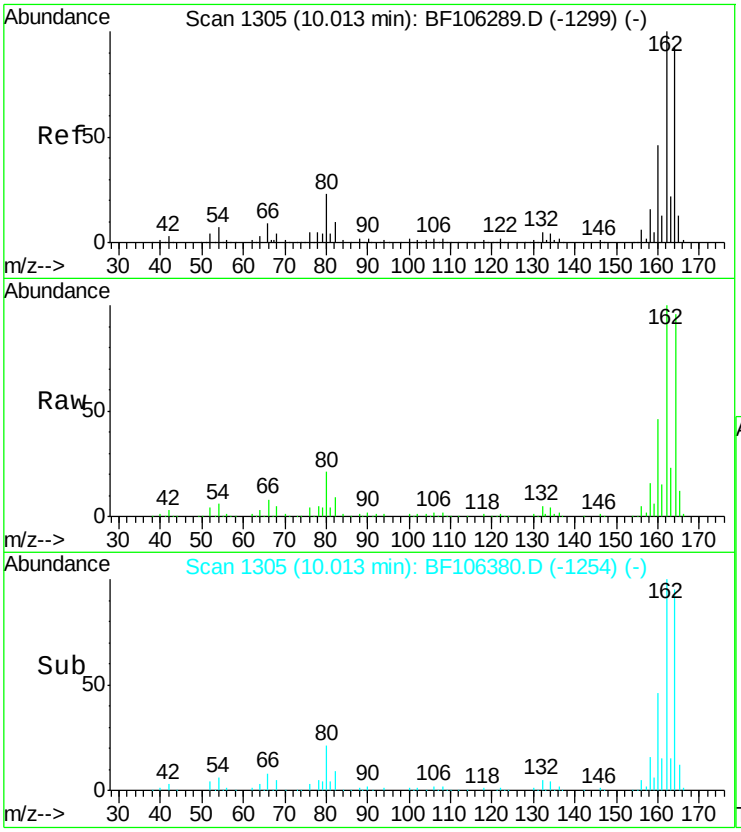


#25
Isophorone
Concen: 49.237 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.25 min
Lab File: BF106380.D
Acq: 13 Jun 2018 8:25

Tgt Ion: 82 Resp: 717327

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



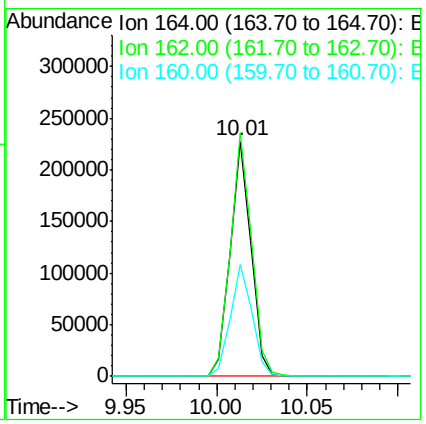


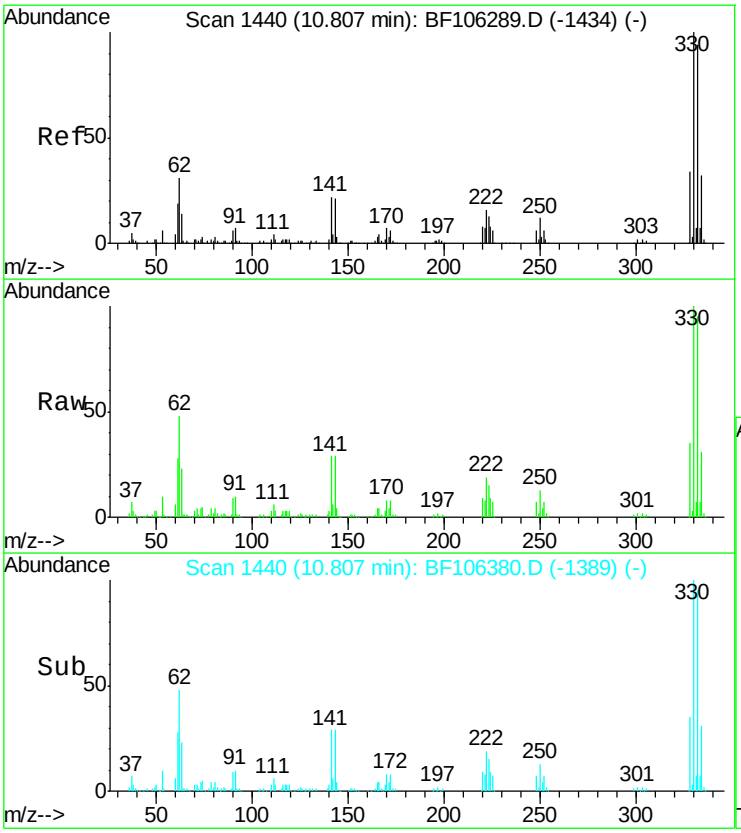
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106380.D
Acq: 13 Jun 2018 8:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 182900

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	47.4	38.3	57.5

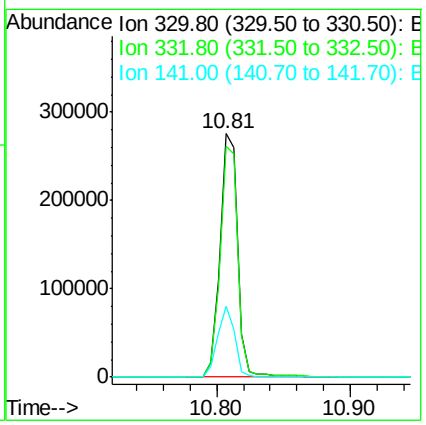


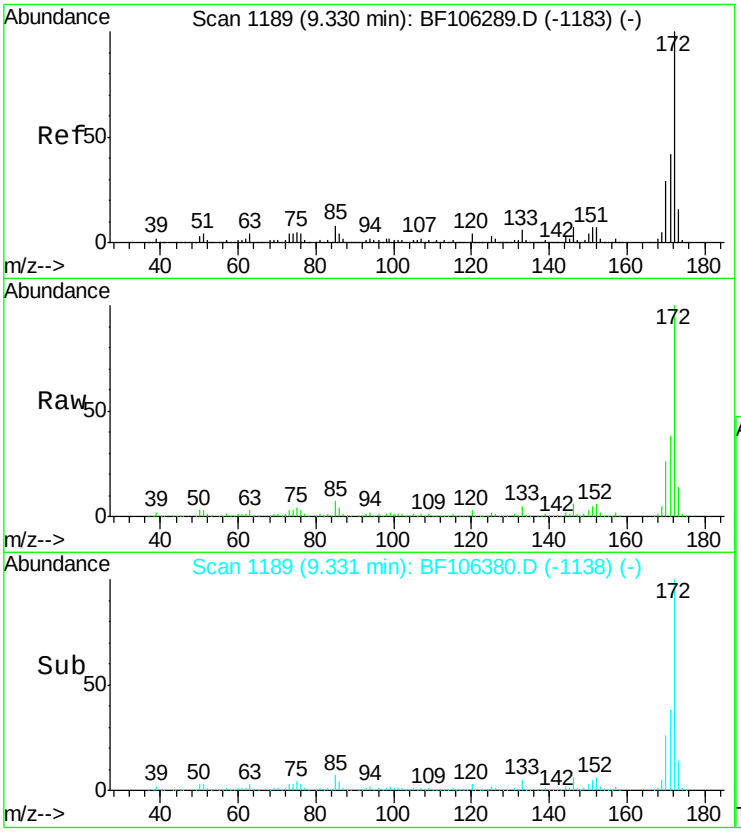


#41
2,4,6-Tribromophenol
Concen: 147.616 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF106380.D
Acq: 13 Jun 2018 8:25

Tgt Ion:330 Resp: 259776

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	28.9	29.9	44.9#



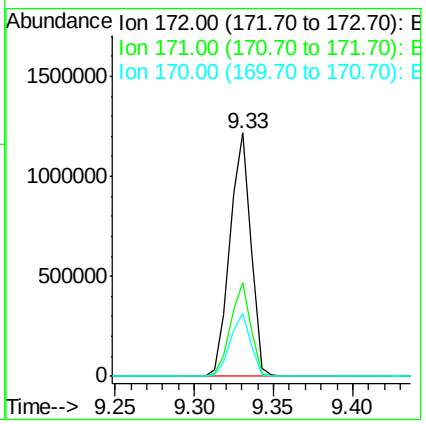


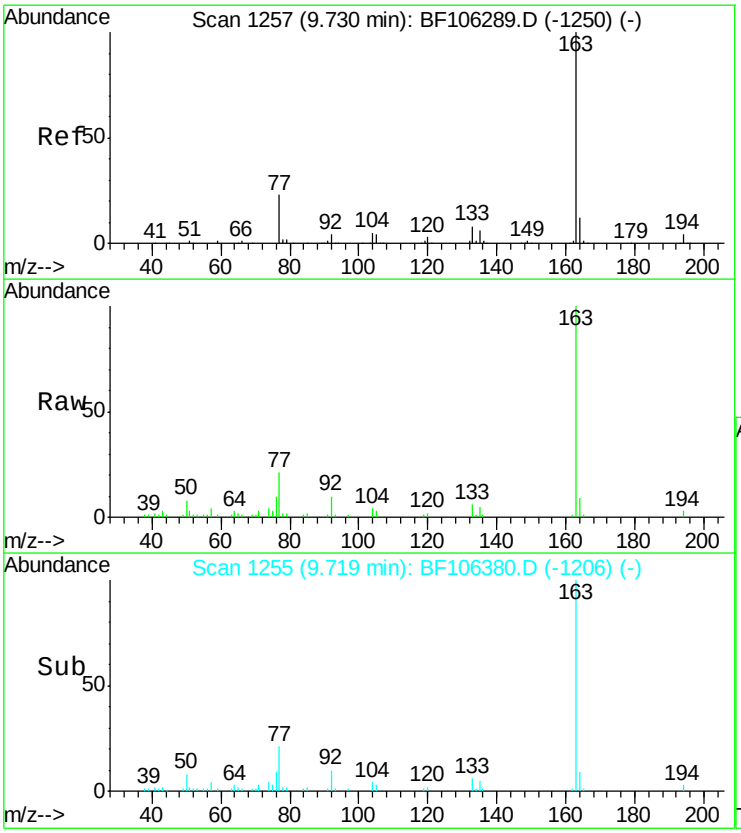
#44
2-Fluorobiphenyl
Concen: 124.994 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106380.D
Acq: 13 Jun 2018 8:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1116264

Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.7	44.5
170	26.1	19.6	29.4

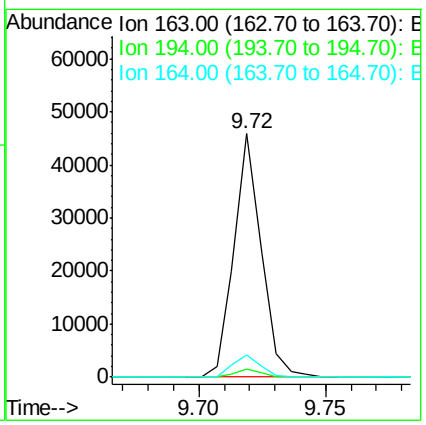


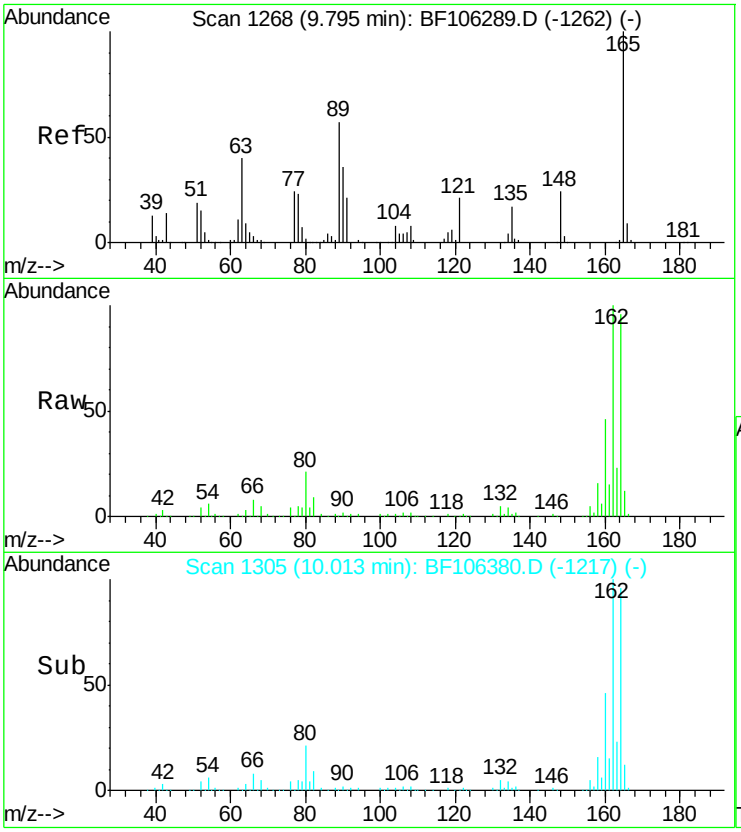


#49
Dimethylphthalate
Concen: 2.616 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106380.D
Acq: 13 Jun 2018 8:25

Tgt Ion:163 Resp: 34189

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.2	8.2	12.2



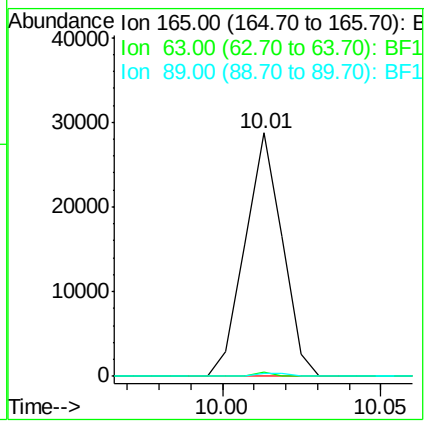


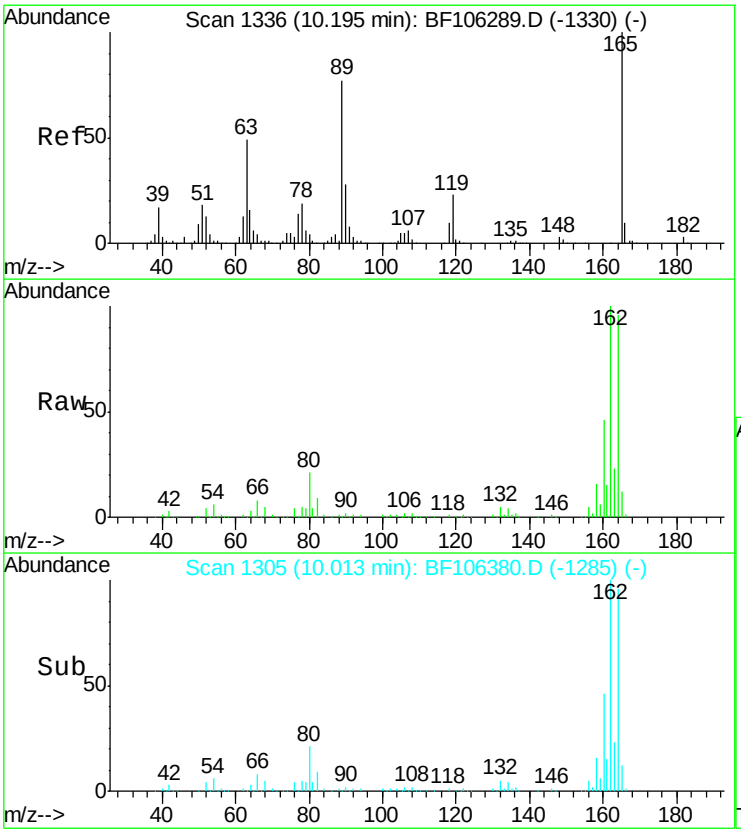
#50
2,6-Dinitrotoluene
Concen: 8.791 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.22 min
Lab File: BF106380.D
Acq: 13 Jun 2018 8:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23466

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.1	44.0	66.0#

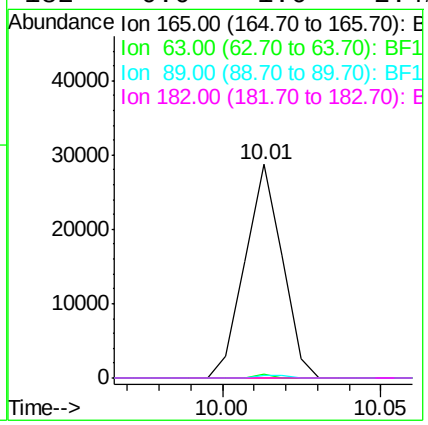


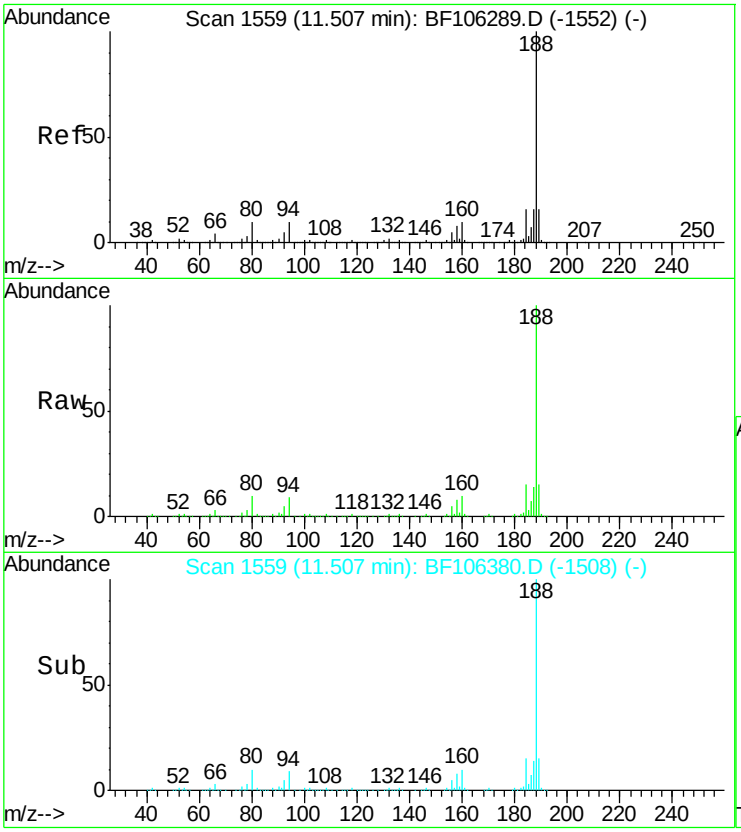


#56
2,4-Dinitrotoluene
Concen: 7.001 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.18 min
Lab File: BF106380.D
Acq: 13 Jun 2018 8:25

Tgt Ion:165 Resp: 23466

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



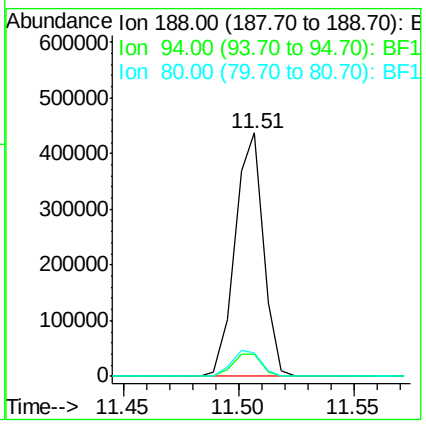


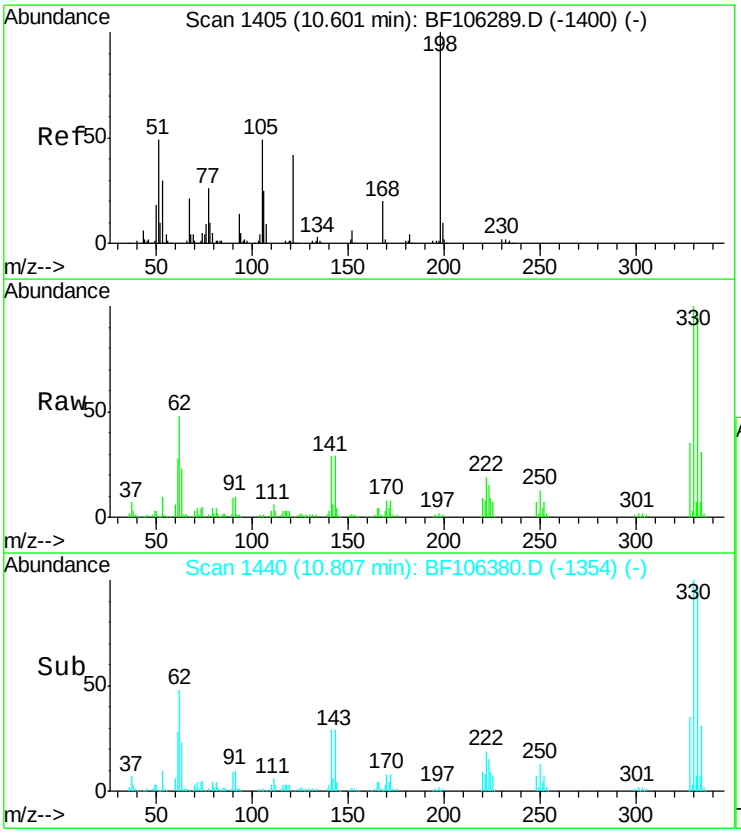
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF106380.D
Acq: 13 Jun 2018 8:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 375060

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.6	9.2	13.8

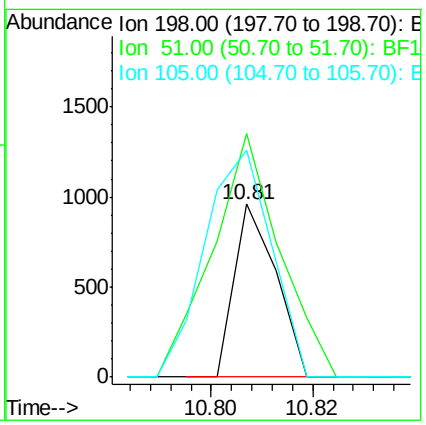


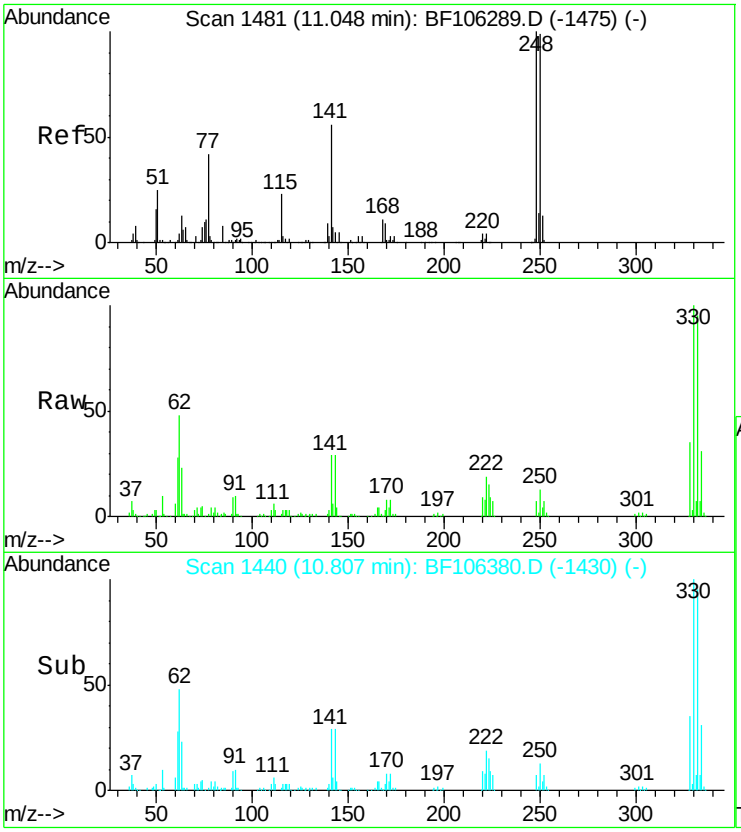


#64
4,6-Dinitro-2-methylphenol
Concen: 6.530 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.21 min
Lab File: BF106380.D
Acq: 13 Jun 2018 8:25

Tgt Ion:198 Resp: 548

Ion	Ratio	Lower	Upper
198	100		
51	140.8	37.7	77.7#
105	131.4	36.3	76.3#



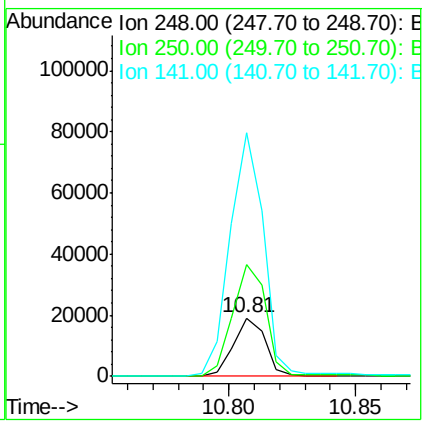


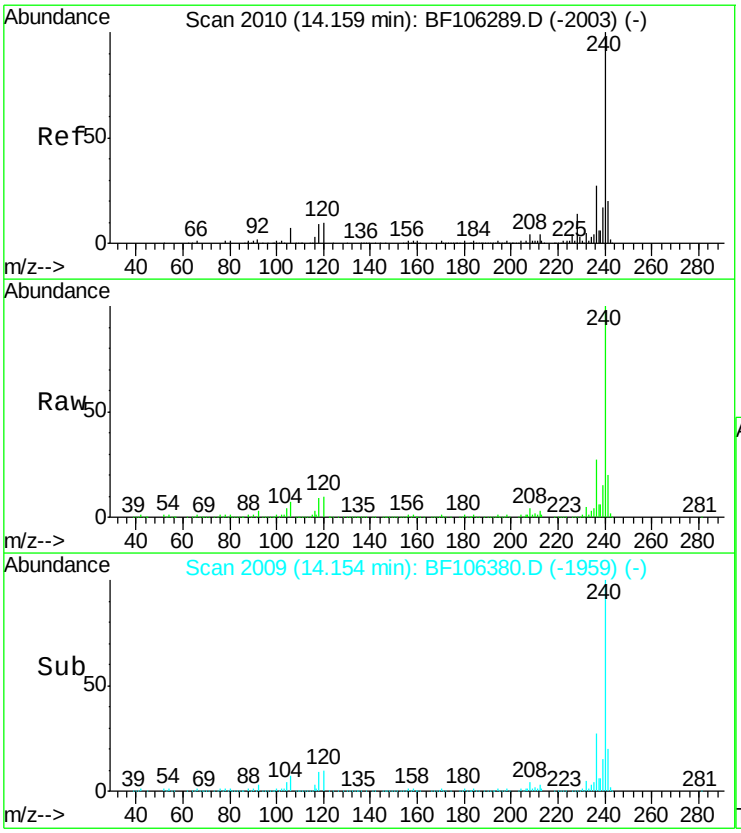
#66
4-Bromophenyl-phenylether
Concen: 3.914 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF106380.D
Acq: 13 Jun 2018 8:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 16696

Ion	Ratio	Lower	Upper
248	100		
250	191.7	76.9	115.3#
141	419.2	74.4	111.6#

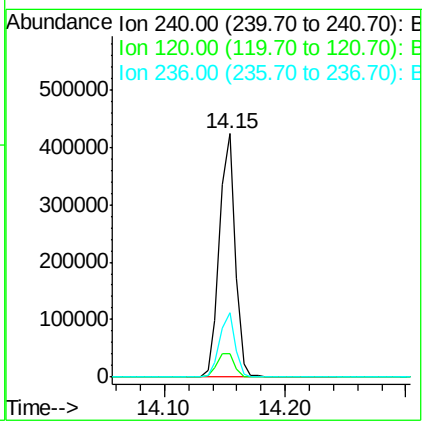


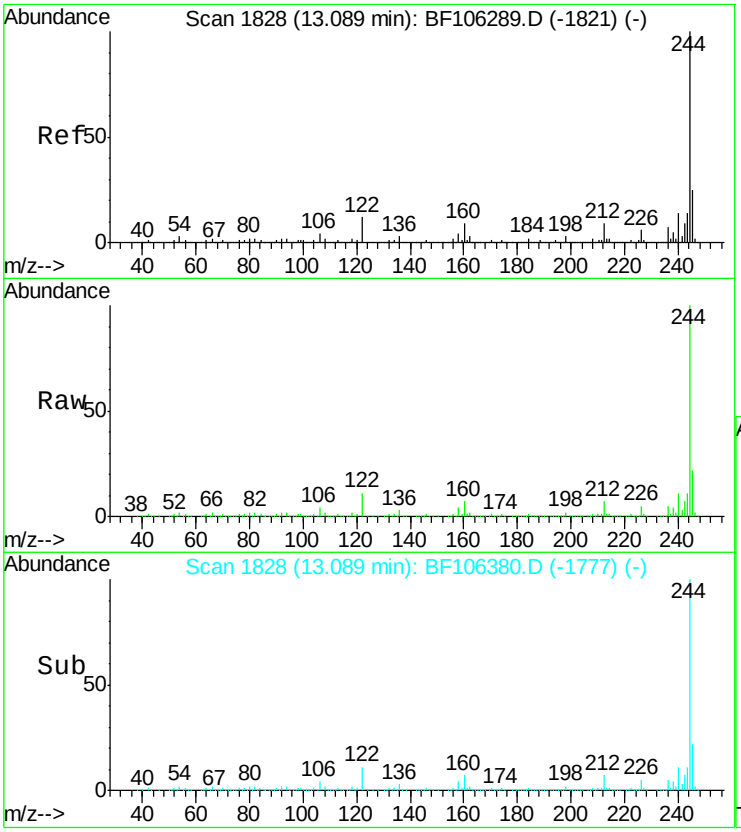


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF106380.D
Acq: 13 Jun 2018 8:25

Tgt Ion:240 Resp: 380351

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	26.6	20.7	31.1



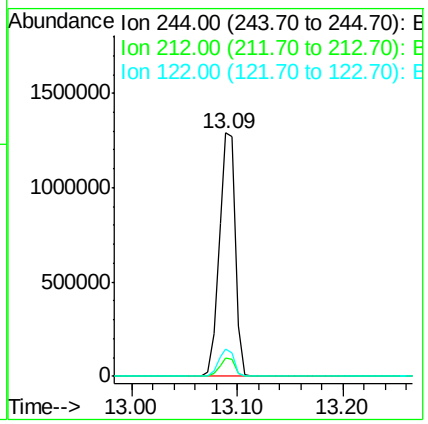


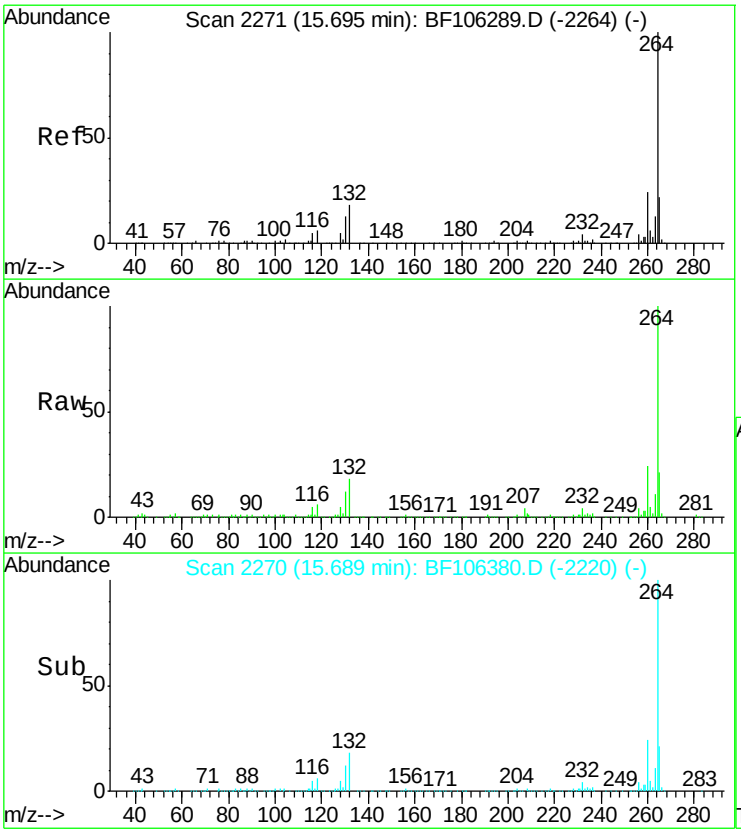
#78
Terphenyl-d14
Concen: 90.258 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BF106380.D
Acq: 13 Jun 2018 8:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1382152

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF106380.D
Acq: 13 Jun 2018 8:25

Tgt Ion:264 Resp: 275501

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.8	17.5	26.3