Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106445.D
Acq On : 14 Jun 2018 16:37
Operator : JU/SJ
Sample : J3501-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 14 18:42:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 14 18:39:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	134018	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	494156	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	226953	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	375570	20.00	ng		0.00
75) Chrysene-d12	14.15	240	311866	20.00	ng		0.00
86) Perylene-d12	15.70	264	312983	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	949506	119.91	ng		0.00
7) Phenol-d6	6.61	99	1132706	113.22	ng		0.00
23) Nitrobenzene-d5	7.53	82	799445	95.17	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	313611	143.62	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1240565	103.96	ng		0.00
78) Terphenyl-d14	13.08	244	1050941	83.70	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.75	77	21599	2.846	ng		83
19) n-Nitroso-di-n-propylamine	7.53	70	108411	14.444	ng	#	75
25) Isophorone	7.53	82	799429	48.725	ng	#	64
49) Dimethylphthalate	9.71	163	173080	10.674	ng		99
56) 2,4-Dinitrotoluene	10.01	165	27917	6.712	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.80	198	725	6.606	ng	#	17
66) 4-Bromophenyl-phenylether	10.80	248	19396	4.541	ng	#	1

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

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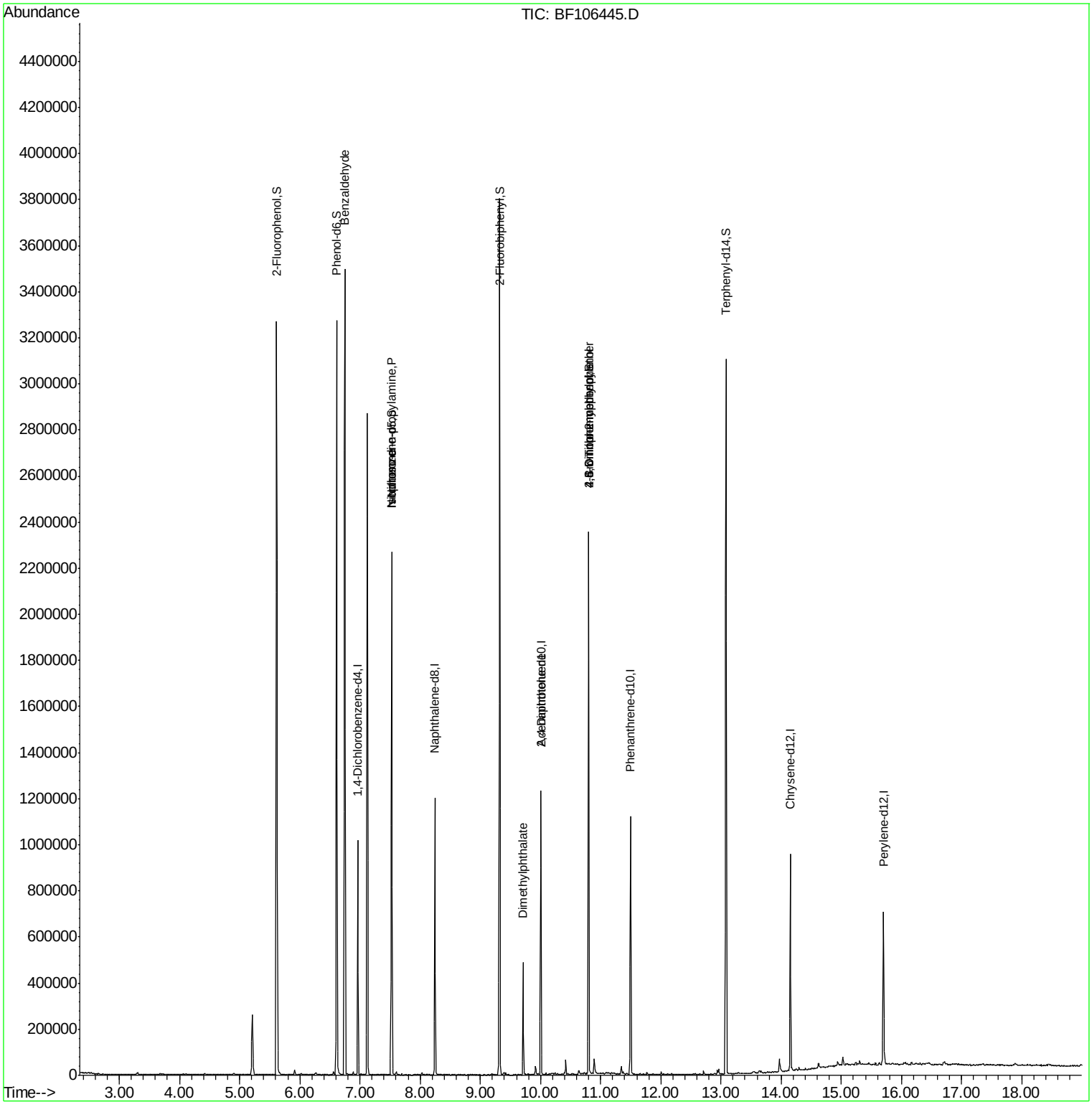
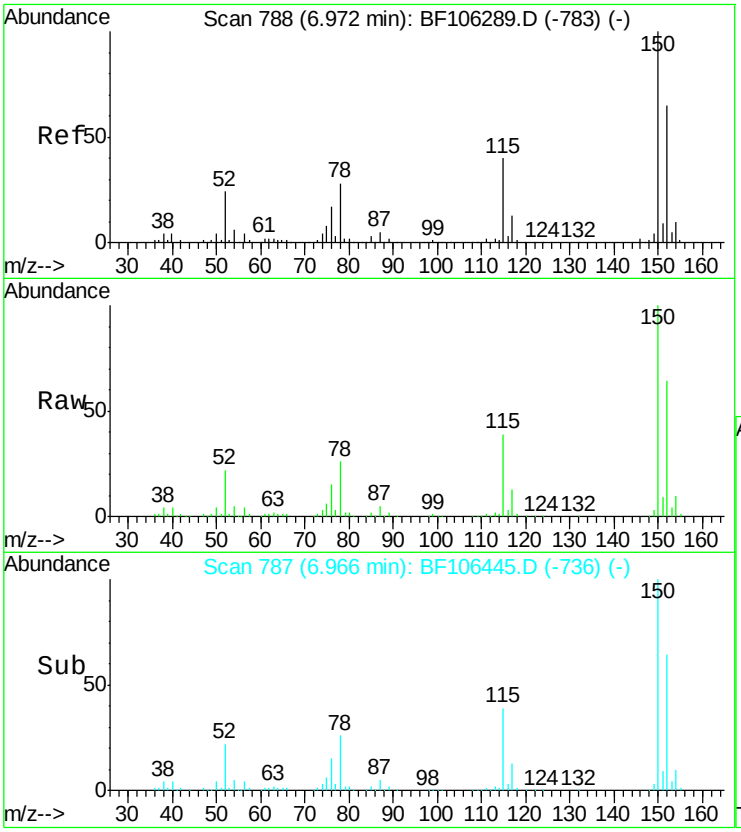


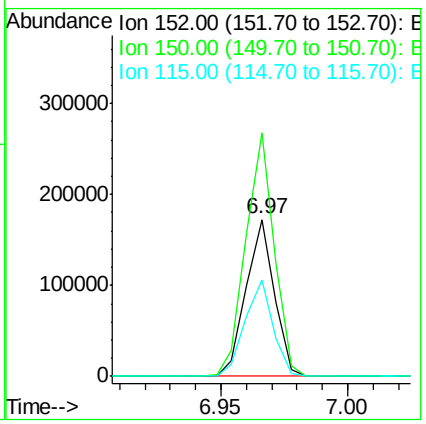


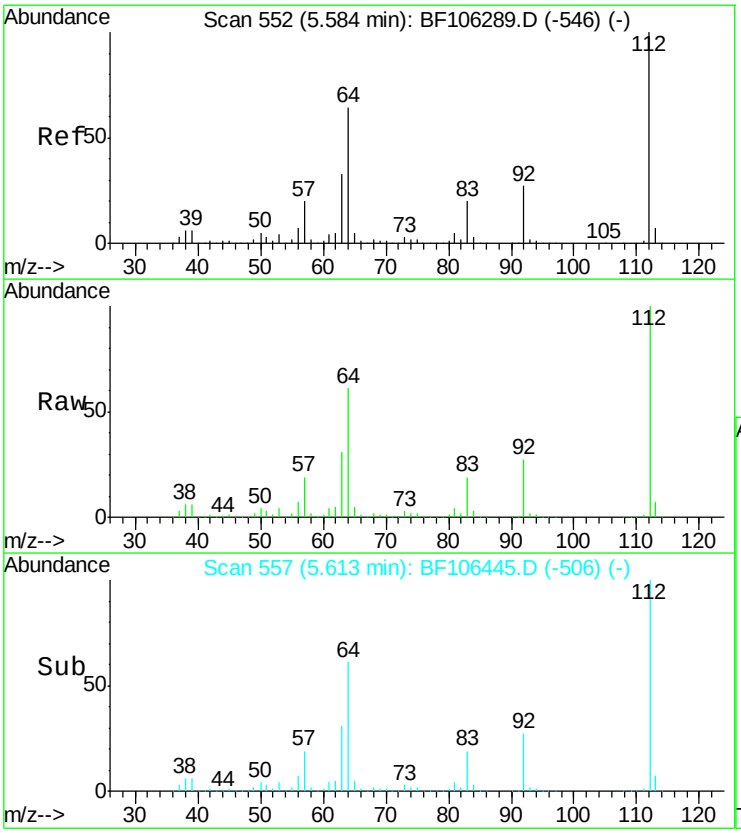
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 134018

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	61.1	50.1	75.1

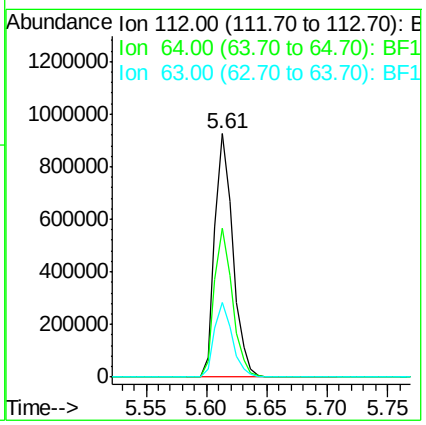


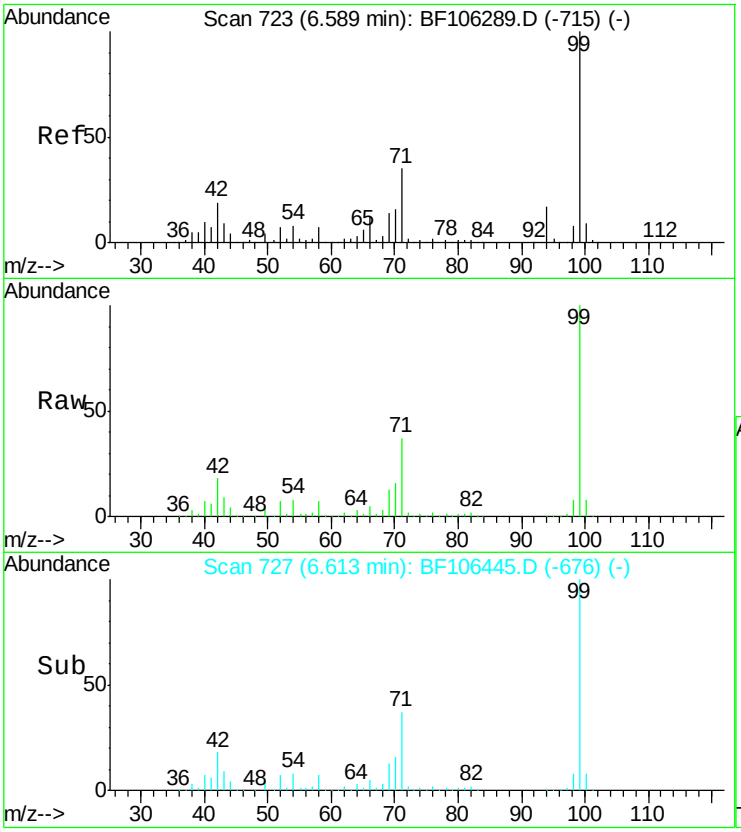


#5
2-Fluorophenol
Concen: 119.912 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Tgt Ion:112 Resp: 949506

Ion	Ratio	Lower	Upper
112	100		
64	61.3	47.9	71.9
63	30.7	23.7	35.5



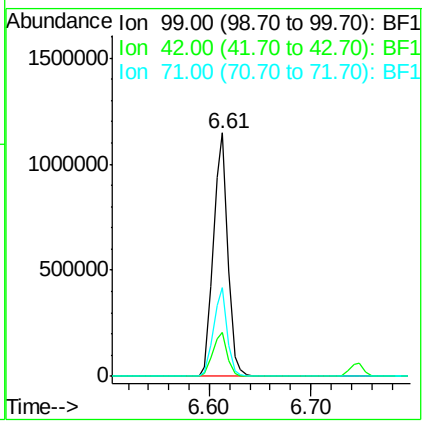


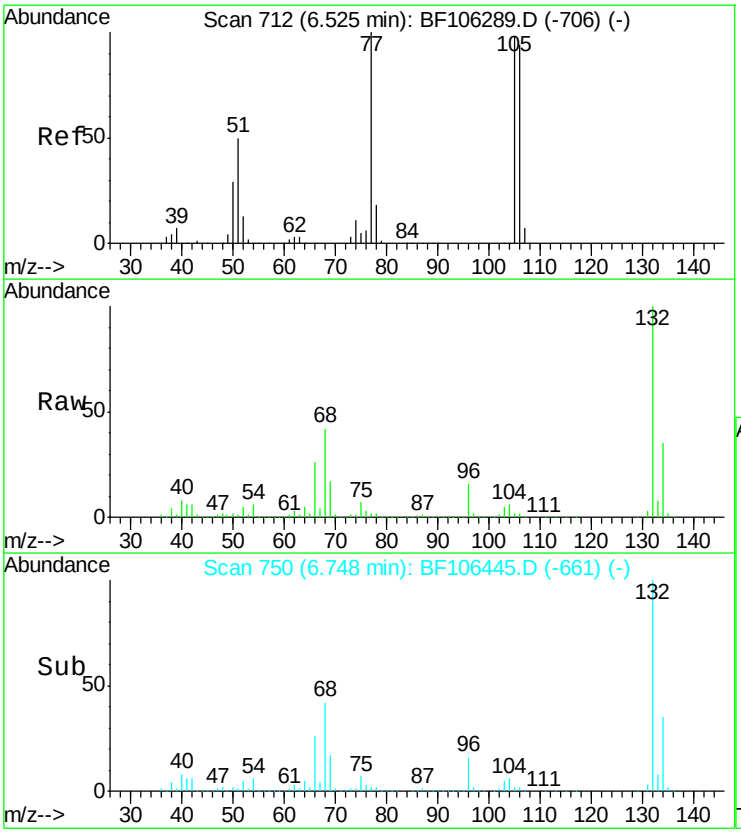
#7
Phenol-d6
Concen: 113.224 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1132706

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.5	21.7
71	36.7	25.4	38.0

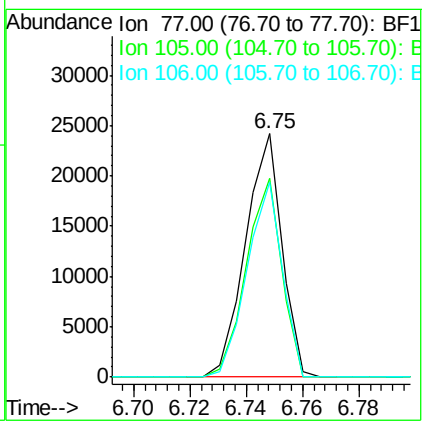


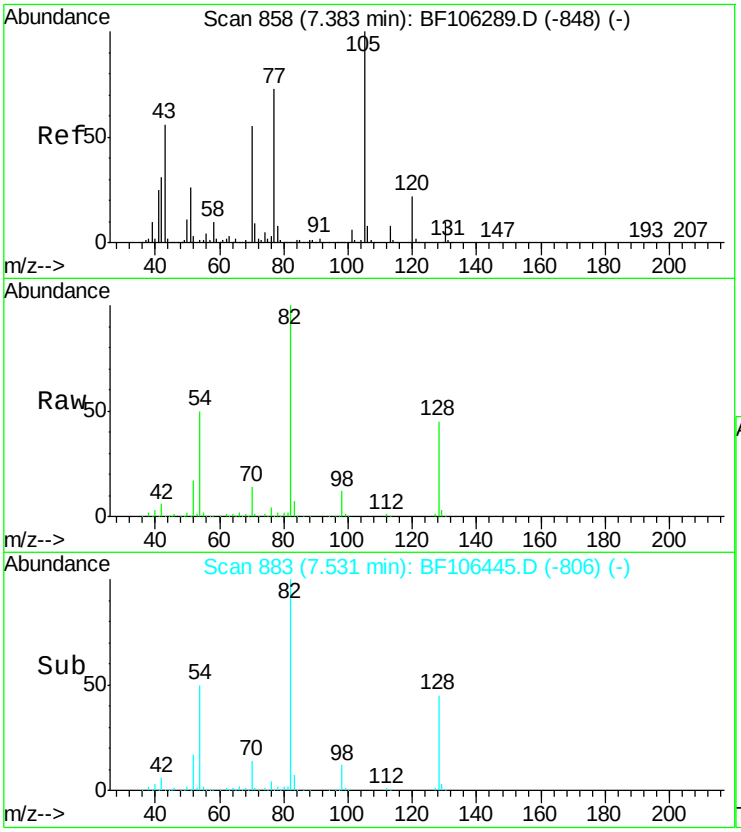


#9
Benzaldehyde
Concen: 2.846 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.22 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Tgt Ion: 77 Resp: 21599

Ion	Ratio	Lower	Upper
77	100		
105	81.5	81.1	121.1
106	80.3	74.5	114.5



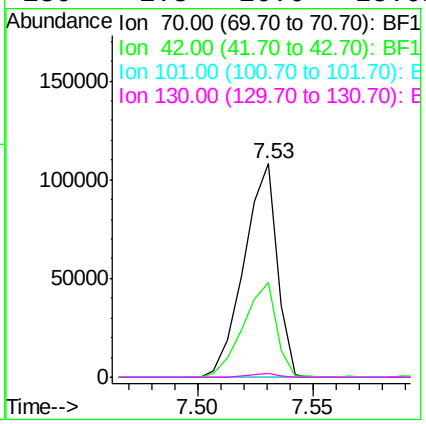


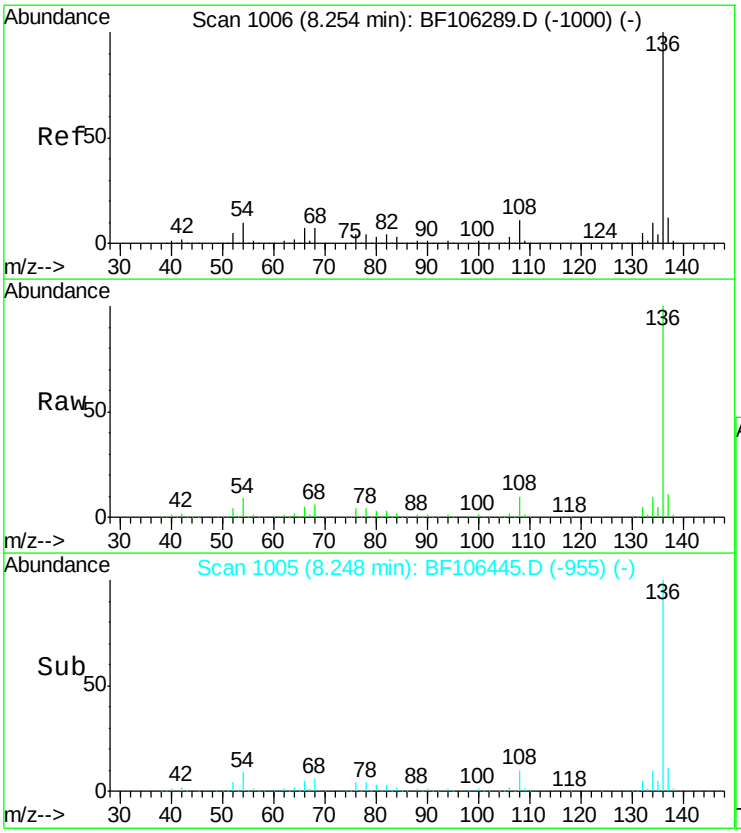
#19
n-Nitroso-di-n-propylamine
Concen: 14.444 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 108411

Ion	Ratio	Lower	Upper
70	100		
42	44.3	47.5	71.3#
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#

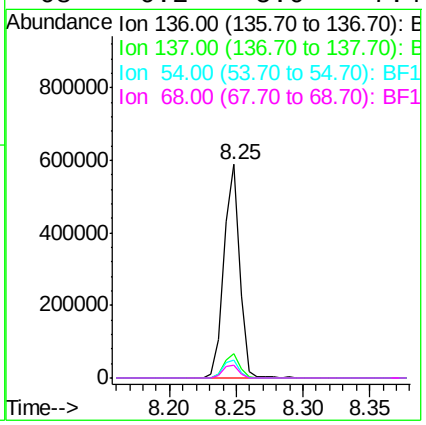


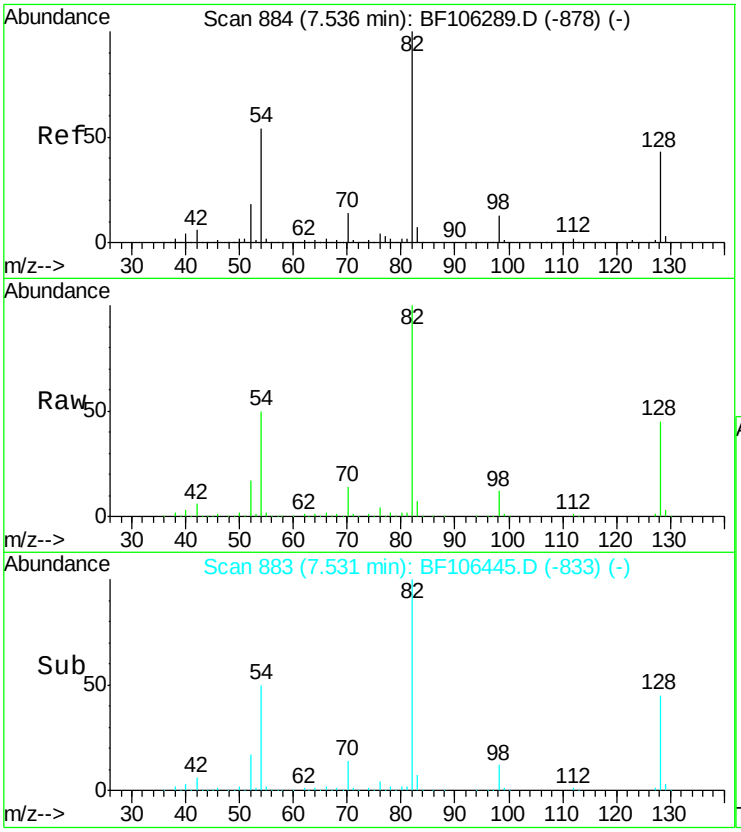


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Tgt Ion:136 Resp: 494156

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.6	6.6	9.8
68	6.2	5.0	7.4



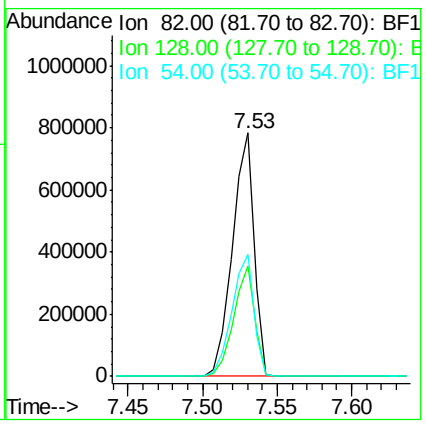


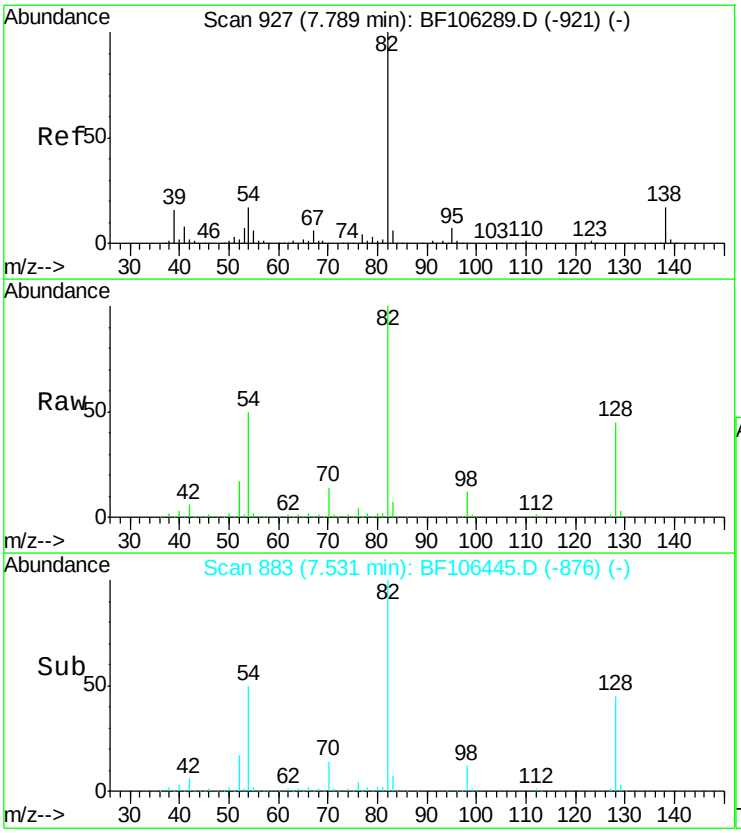
#23
Nitrobenzene-d5
Concen: 95.173 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 799445

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	50.3	41.4	62.2

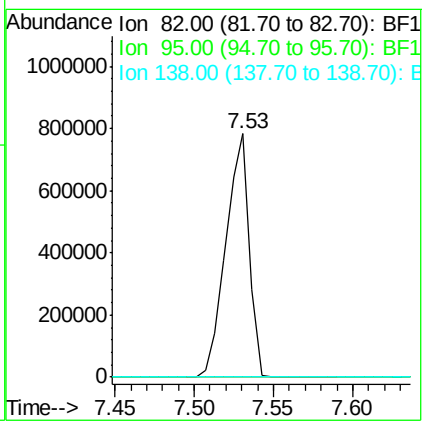


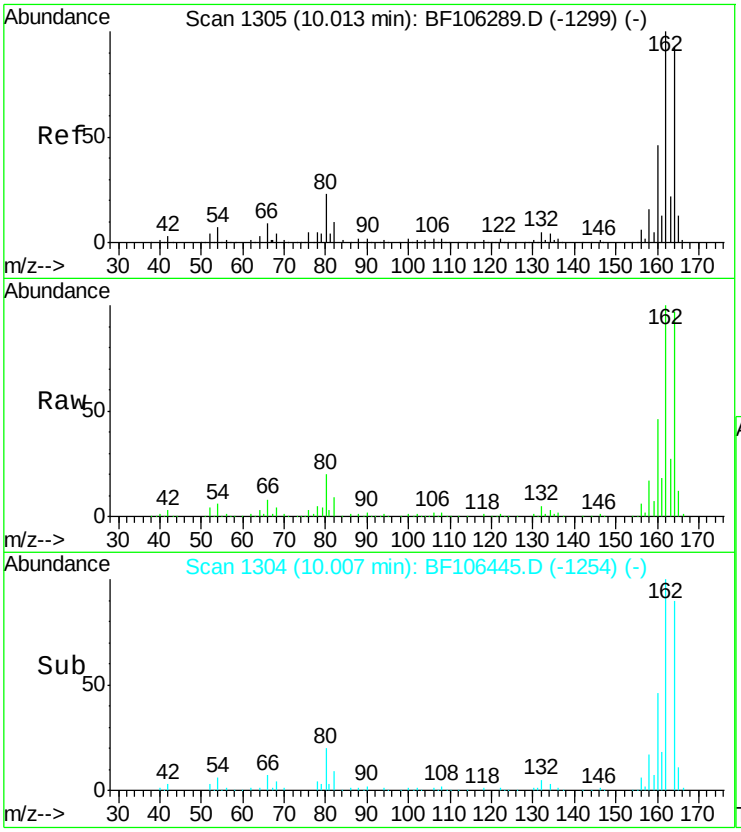


#25
Isophorone
Concen: 48.725 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Tgt Ion: 82 Resp: 799429

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



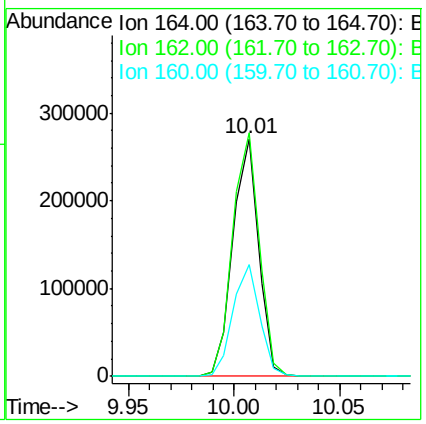


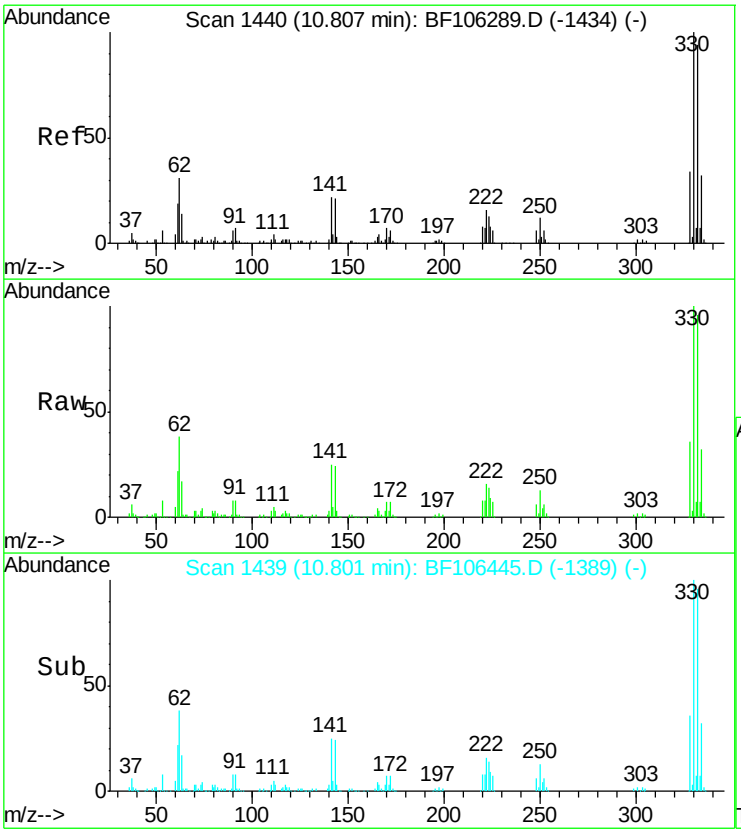
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 226953

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	47.4	38.3	57.5

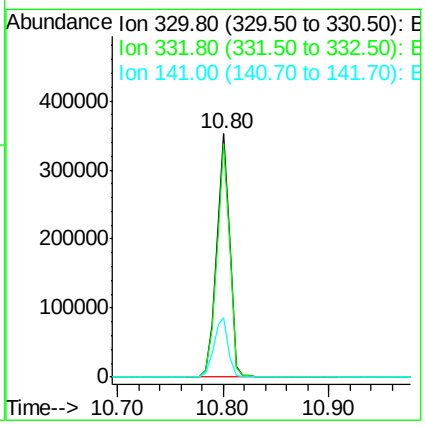


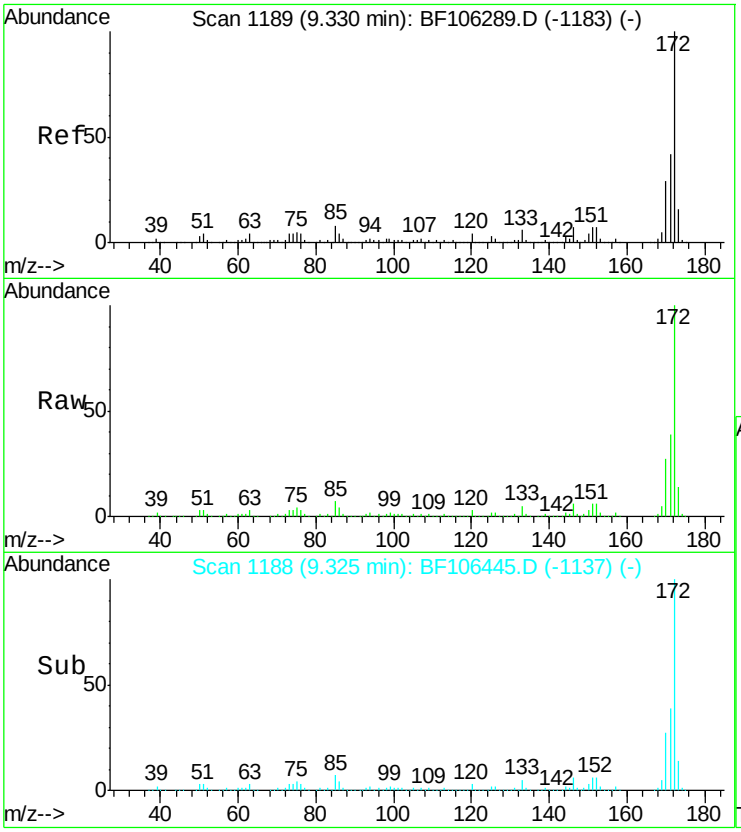


#41
2,4,6-Tribromophenol
Concen: 143.616 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Tgt Ion:330 Resp: 313611

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	26.8	29.9	44.9#



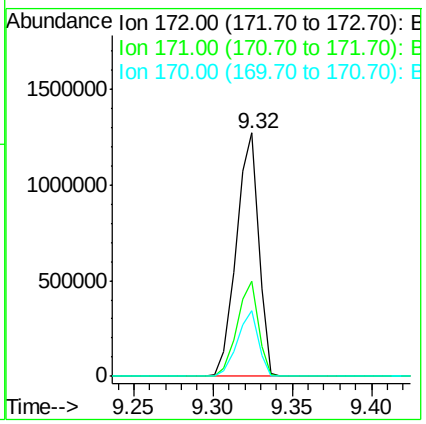


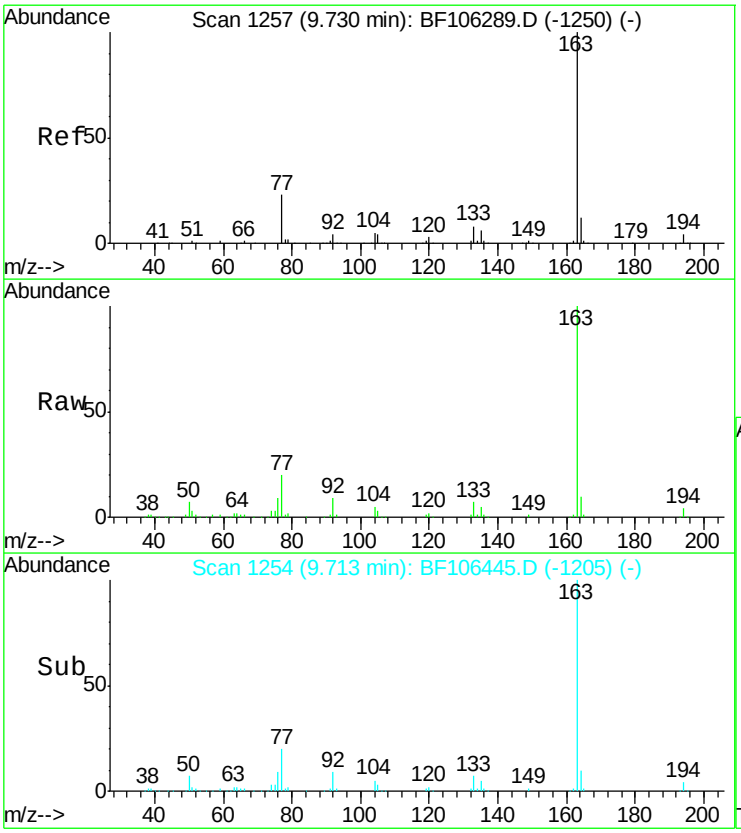
#44
2-Fluorobiphenyl
Concen: 103.957 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1240565

Ion	Ratio	Lower	Upper
172	100		
171	39.0	29.7	44.5
170	26.9	19.6	29.4

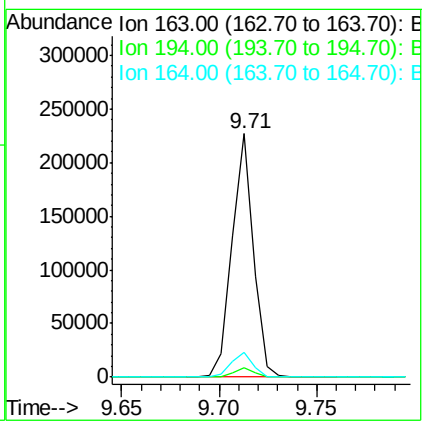


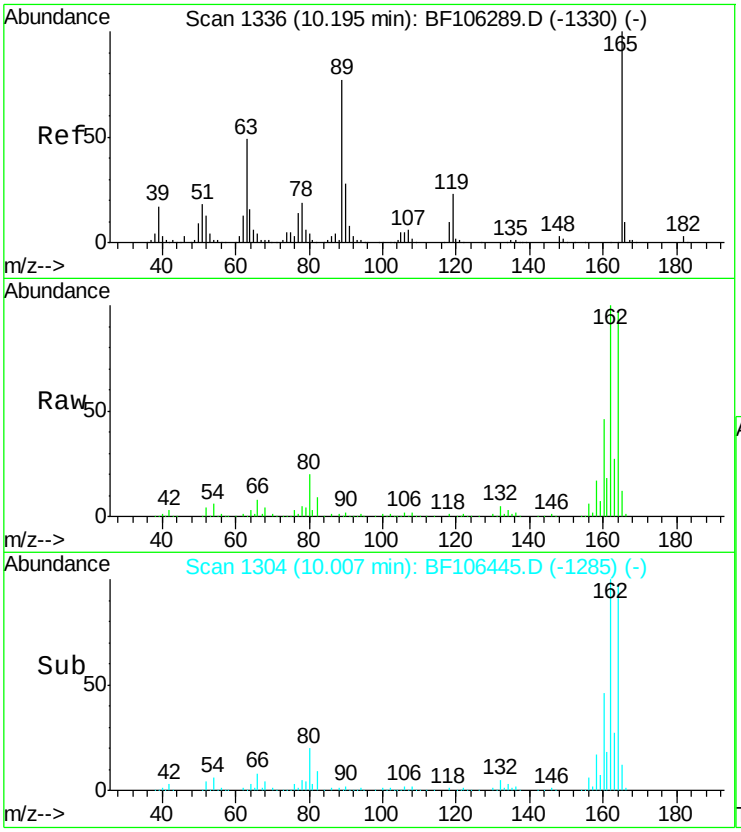


#49
Dimethylphthalate
Concen: 10.674 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Tgt Ion:163 Resp: 173080

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.9	8.2	12.2



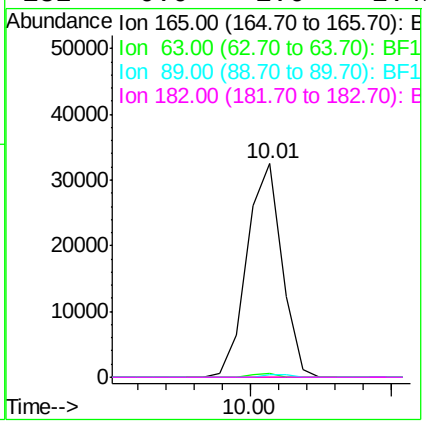


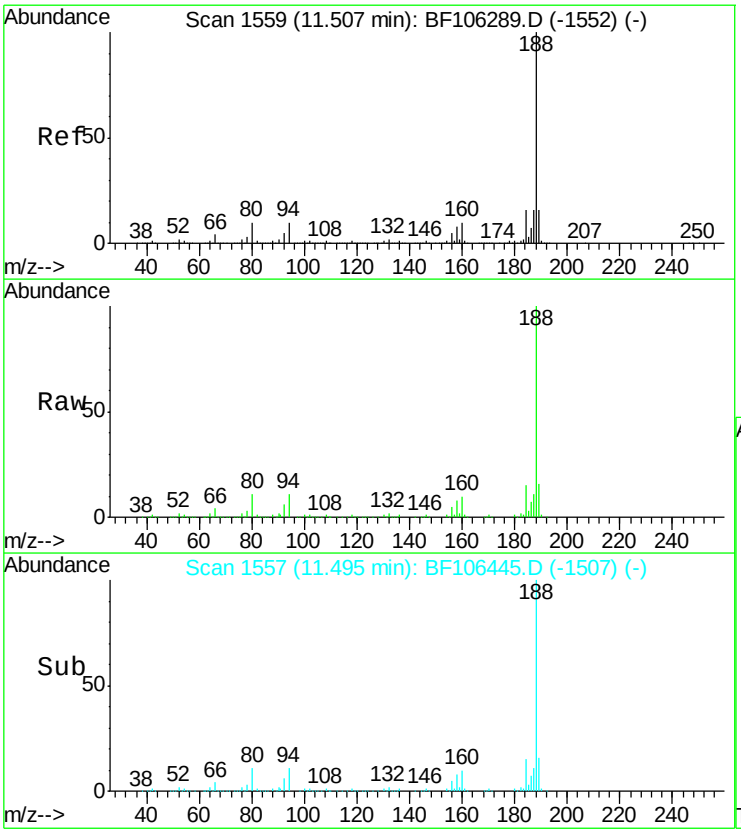
#56
2,4-Dinitrotoluene
Concen: 6.712 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 27917

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

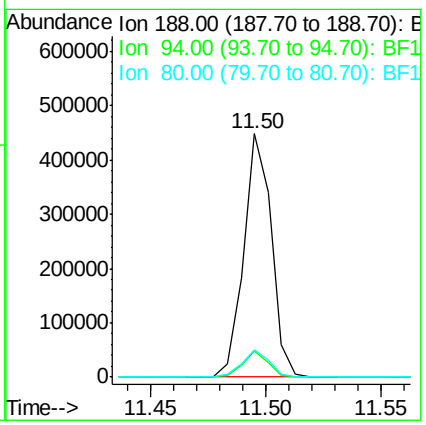


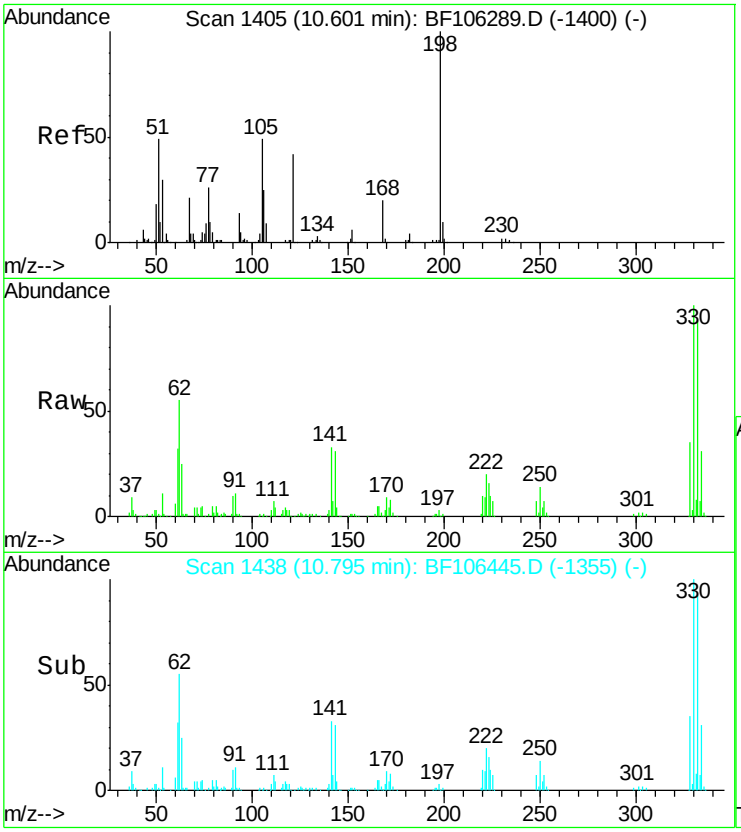


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Tgt Ion:188 Resp: 375570

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.3	9.2	13.8



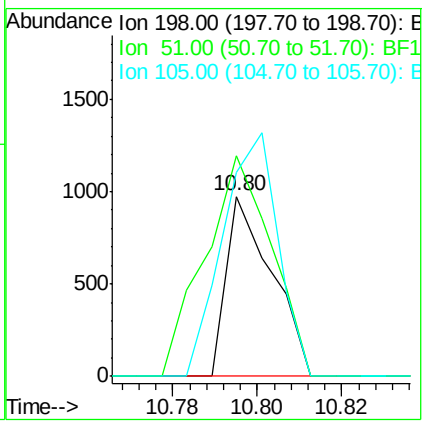


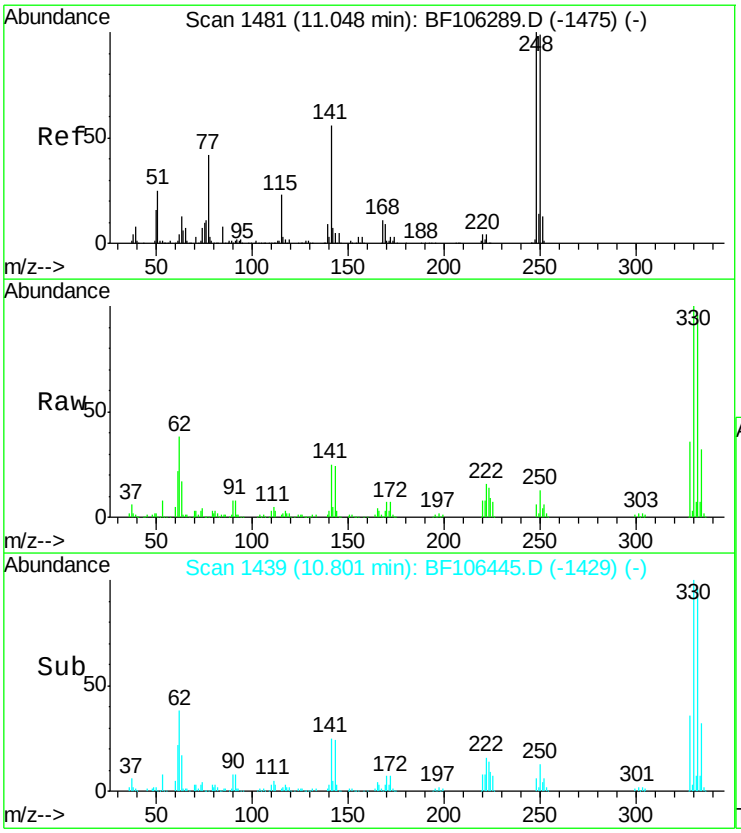
#64
4,6-Dinitro-2-methylphenol
Concen: 6.606 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 725

Ion	Ratio	Lower	Upper
198	100		
51	122.7	37.7	77.7#
105	113.4	36.3	76.3#

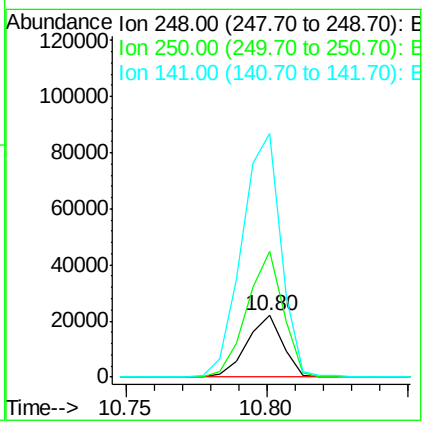


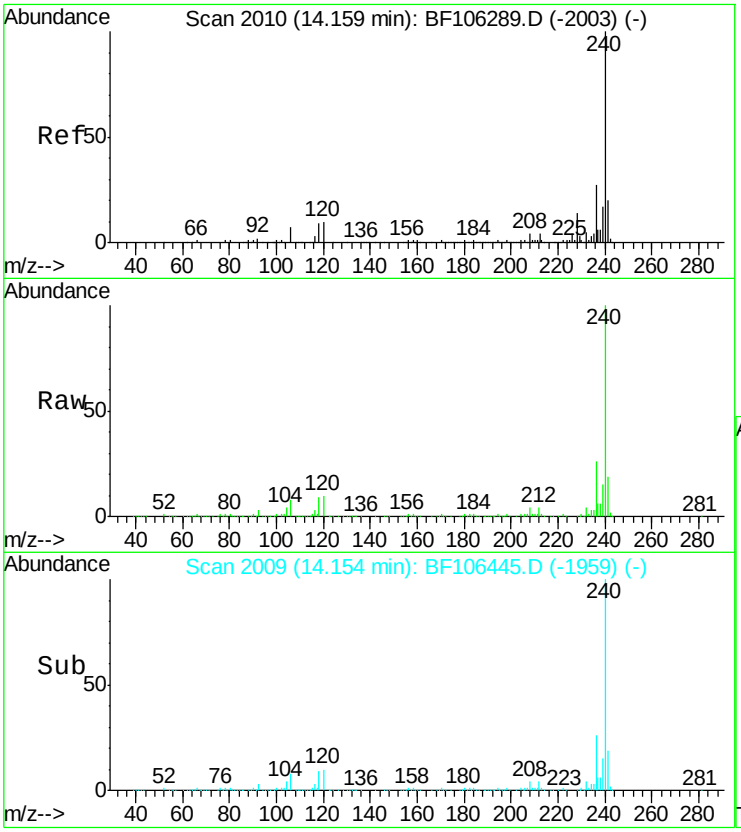


#66
4-Bromophenyl-phenylether
Concen: 4.541 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Tgt Ion:248 Resp: 19396

Ion	Ratio	Lower	Upper
248	100		
250	205.2	76.9	115.3#
141	395.4	74.4	111.6#



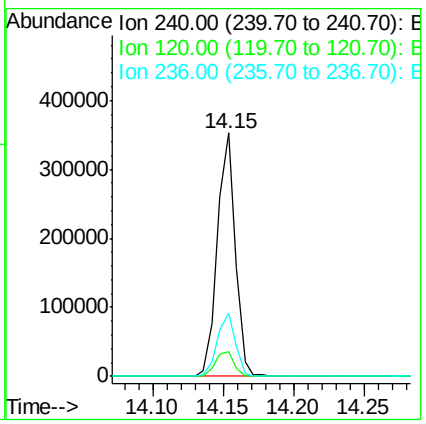


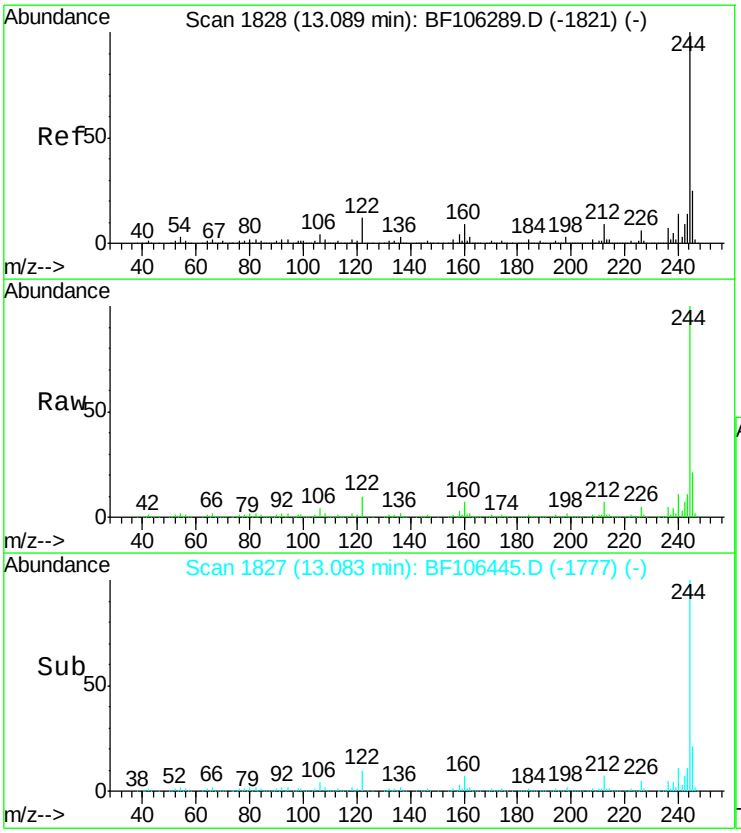
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 311866

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	26.2	20.7	31.1

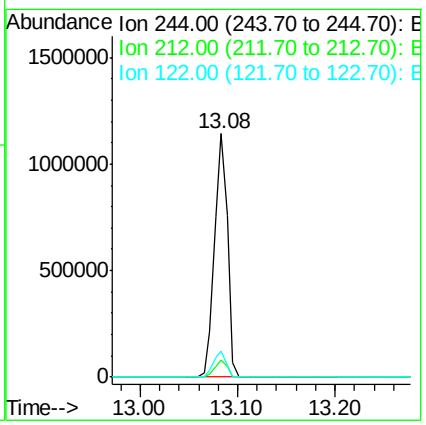


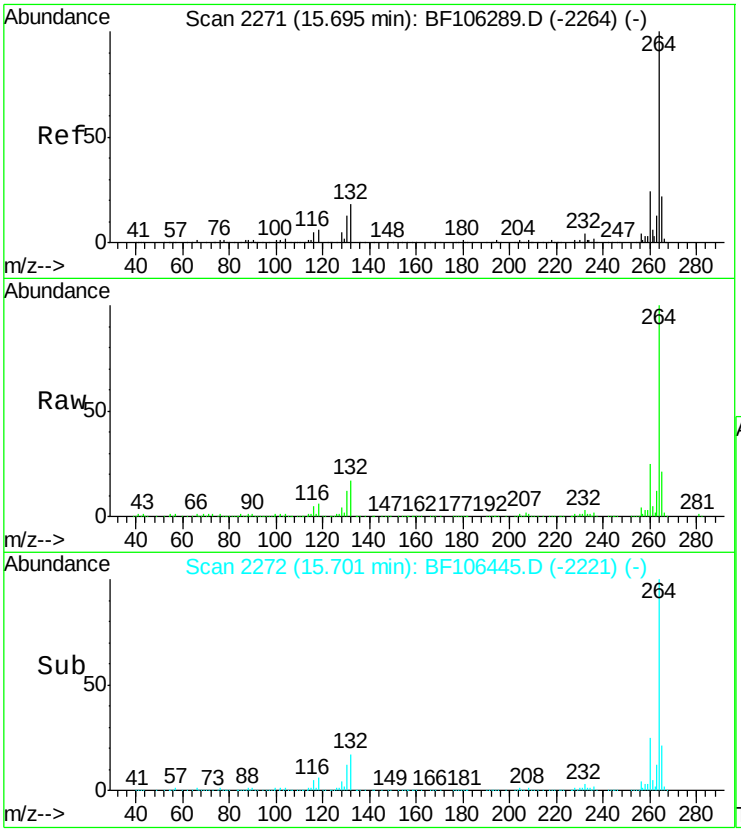


#78
Terphenyl-d14
Concen: 83.700 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Tgt Ion:244 Resp: 1050941

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 312983

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.0	17.5	26.3