Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
Data File : BF106300.D
Acq On : 11 Jun 2018 17:48
Operator : JU/SJ
Sample : J3360-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-SOIL-COMP

Quant Time: Jun 12 01:43:06 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	203653	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	773511	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	372941	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	724763	20.00	ng		0.00
75) Chrysene-d12	14.14	240	550707	20.00	ng		-0.02
86) Perylene-d12	15.68	264	553268	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1504317	125.02	ng		0.00
7) Phenol-d6	6.59	99	1904257	125.26	ng		0.00
23) Nitrobenzene-d5	7.53	82	1268864	96.50	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	572707	159.60	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1749020	82.52	ng		0.00
78) Terphenyl-d14	13.09	244	1888739	85.19	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	36837	3.195	ng		84
19) n-Nitroso-di-n-propylamine	7.53	70	178453	15.647	ng	#	75
25) Isophorone	7.53	82	1268847	49.406	ng	#	64
32) Benzoic acid	7.90	122	336	7.324	ng	#	89
49) Dimethylphthalate	9.71	163	210503	7.900	ng		100
56) 2,4-Dinitrotoluene	10.01	165	49101	7.184	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.80	198	1301	6.584	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	36879	4.474	ng	#	1

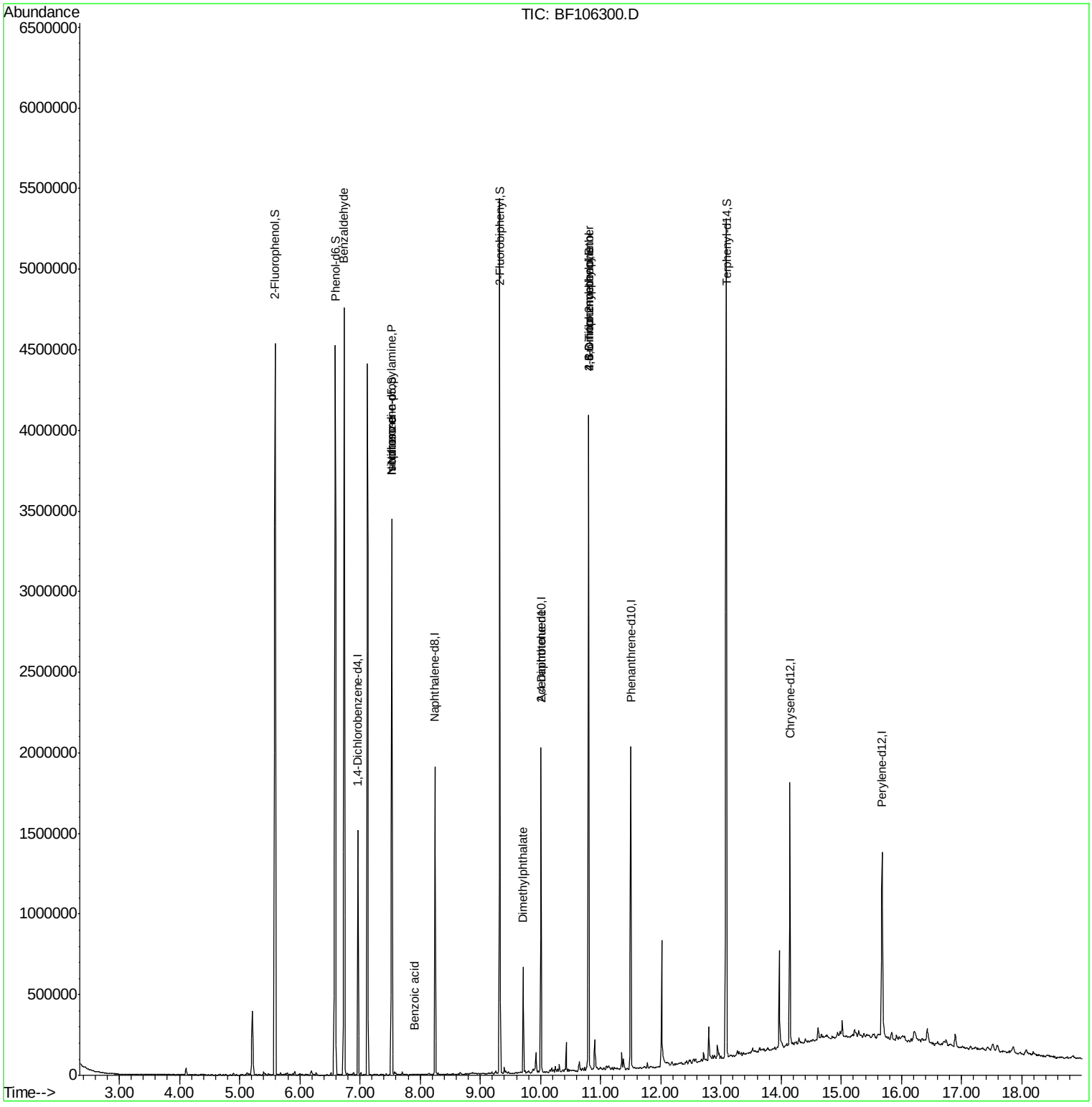
(#) = qualifier out of range (m) = manual integration (+) = signals summed

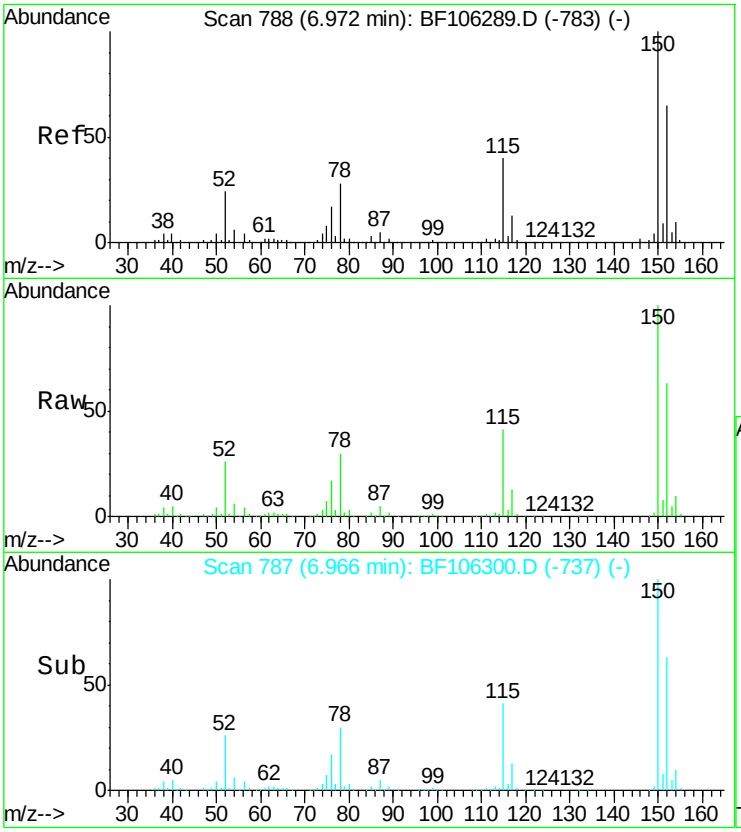
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
Data File : BF106300.D
Acq On : 11 Jun 2018 17:48
Operator : JU/SJ
Sample : J3360-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-SOIL-COMP

Quant Time: Jun 12 01:43:06 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



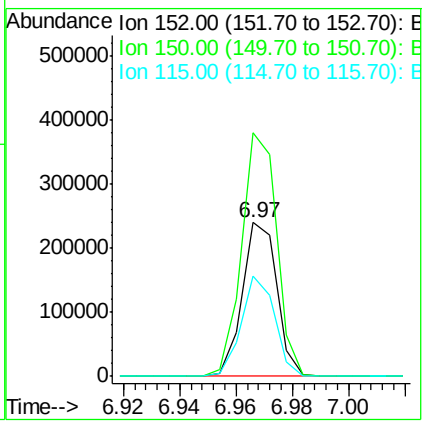


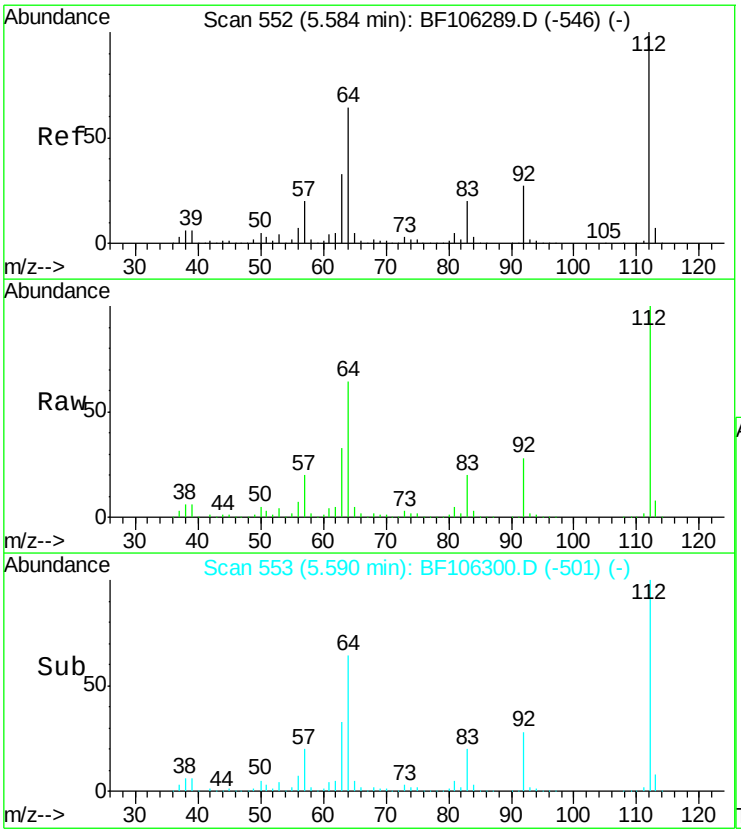
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106300.D
Acq: 11 Jun 2018 17:48

Instrument :
BNA_F
ClientSampleId :
JC-SOIL-COMP

Tgt Ion:152 Resp: 203653

Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	64.8	50.1	75.1

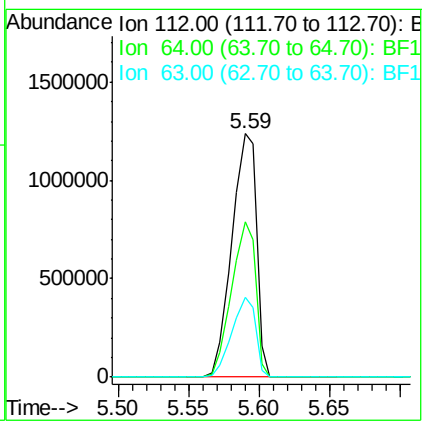


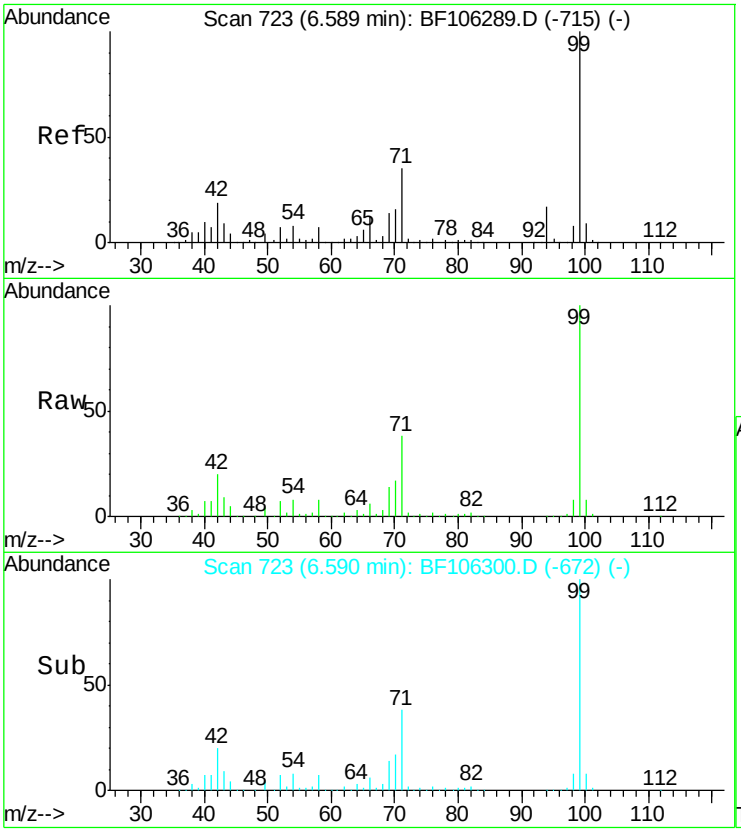


#5
2-Fluorophenol
Concen: 125.019 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF106300.D
Acq: 11 Jun 2018 17:48

Tgt Ion:112 Resp: 1504317

Ion	Ratio	Lower	Upper
112	100		
64	63.7	47.9	71.9
63	32.7	23.7	35.5



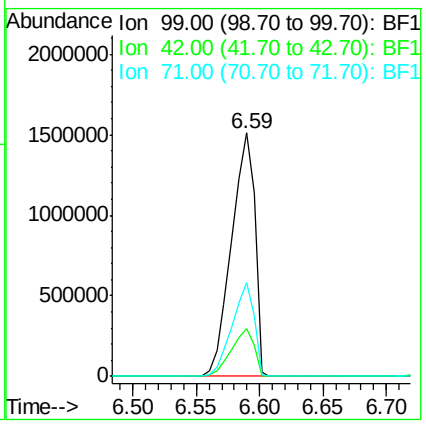


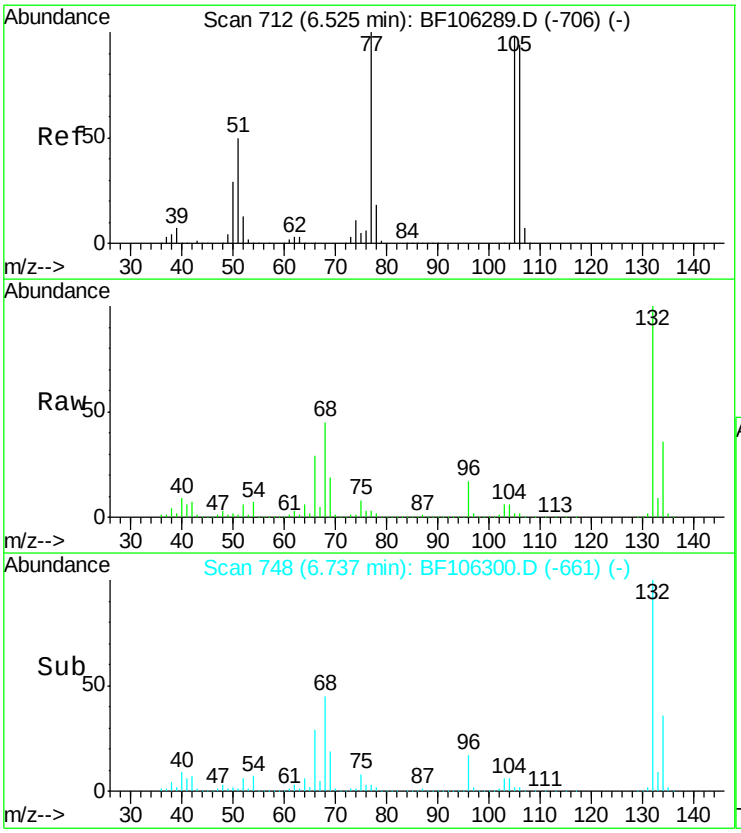
#7
Phenol-d6
Concen: 125.262 ng
RT: 6.59 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF106300.D
Acq: 11 Jun 2018 17:48

Instrument :
BNA_F
ClientSampleId :
JC-SOIL-COMP

Tgt Ion: 99 Resp: 1904257

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	38.3	25.4	38.0#

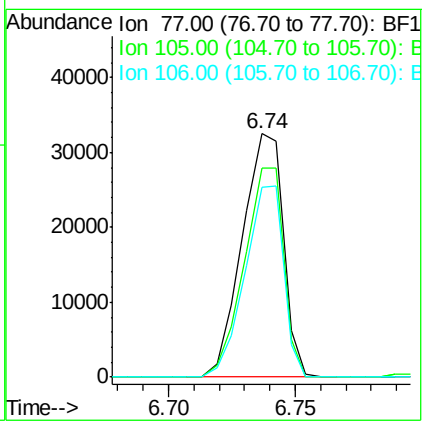


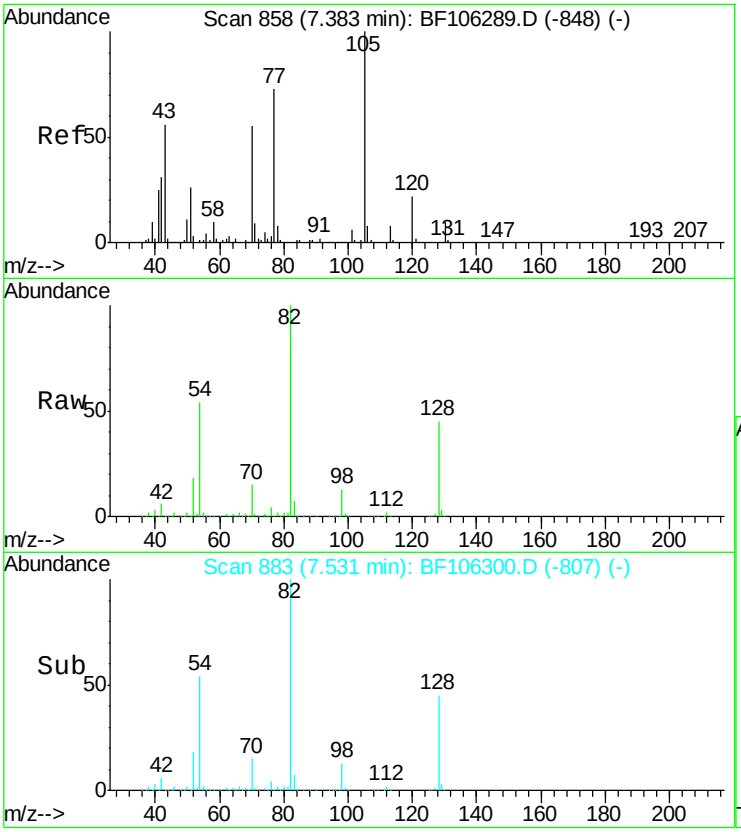


#9
Benzaldehyde
Concen: 3.195 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.21 min
Lab File: BF106300.D
Acq: 11 Jun 2018 17:48

Tgt Ion: 77 Resp: 36837

Ion	Ratio	Lower	Upper
77	100		
105	85.7	81.1	121.1
106	78.2	74.5	114.5



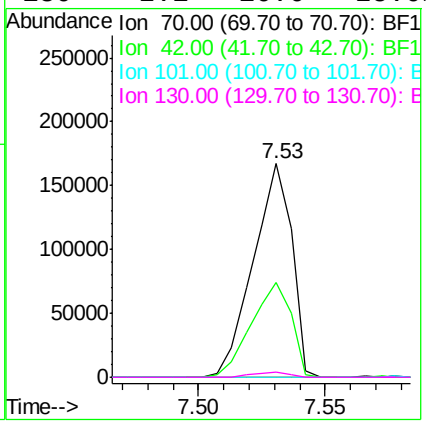


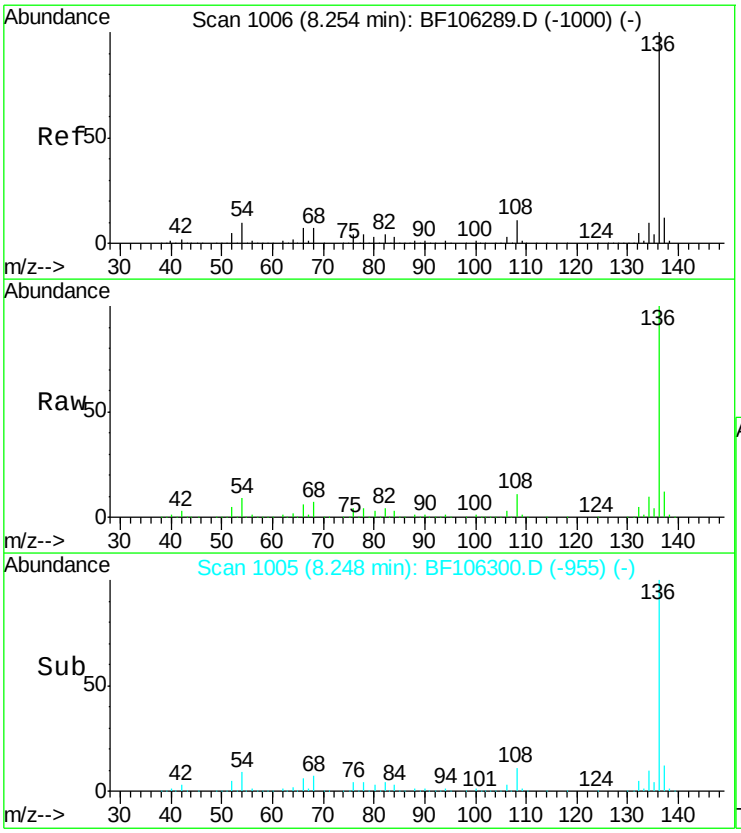
#19
n-Nitroso-di-n-propylamine
Concen: 15.647 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106300.D
Acq: 11 Jun 2018 17:48

Instrument :
BNA_F
ClientSampleId :
JC-SOIL-COMP

Tgt Ion: 70 Resp: 178453

Ion	Ratio	Lower	Upper
70	100		
42	44.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

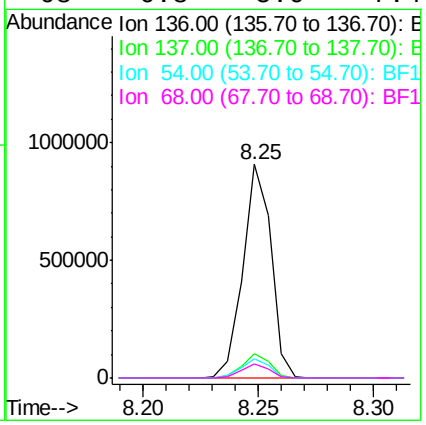


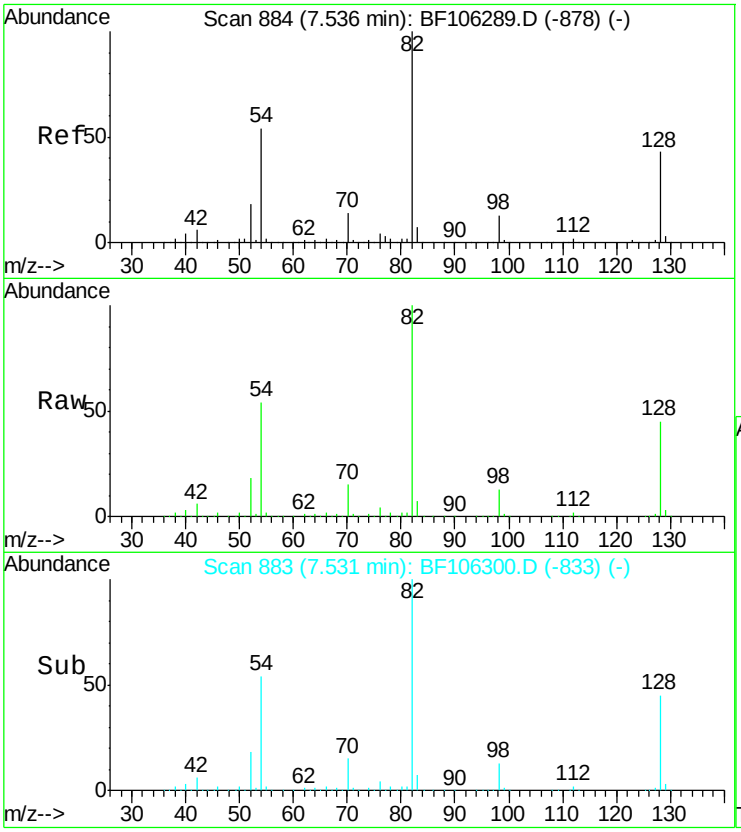


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106300.D
Acq: 11 Jun 2018 17:48

Tgt Ion:136 Resp: 773511

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	9.3	6.6	9.8
68	6.8	5.0	7.4



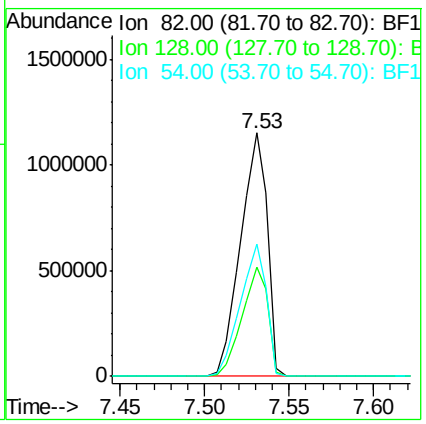


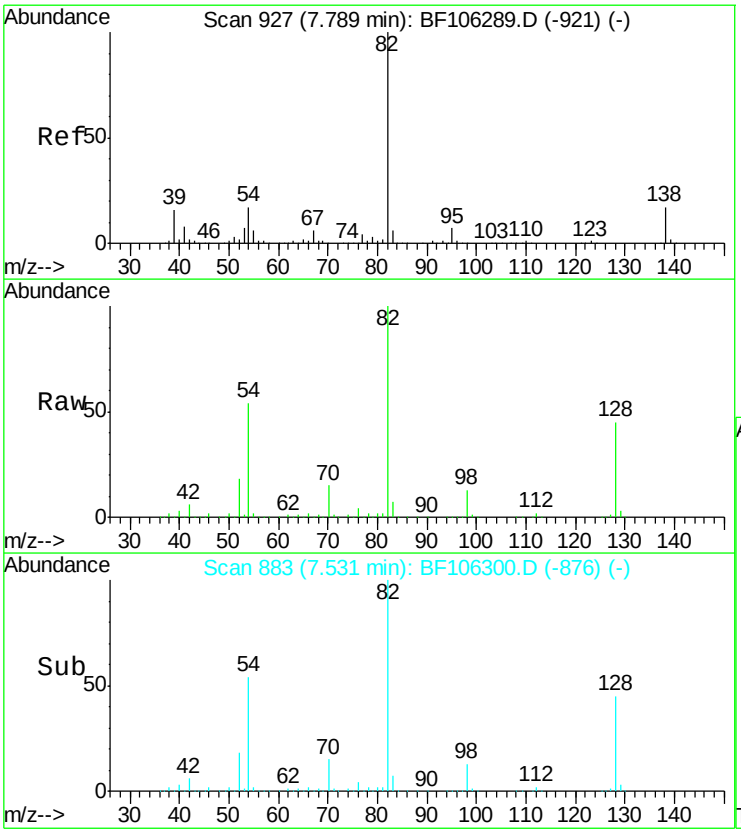
#23
Nitrobenzene-d5
Concen: 96.502 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106300.D
Acq: 11 Jun 2018 17:48

Instrument :
BNA_F
ClientSampleId :
JC-SOIL-COMP

Tgt Ion: 82 Resp: 1268864

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	54.1	41.4	62.2

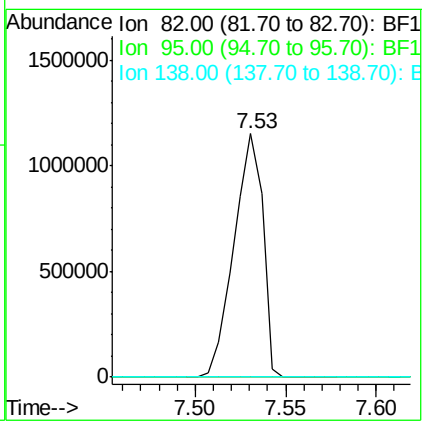


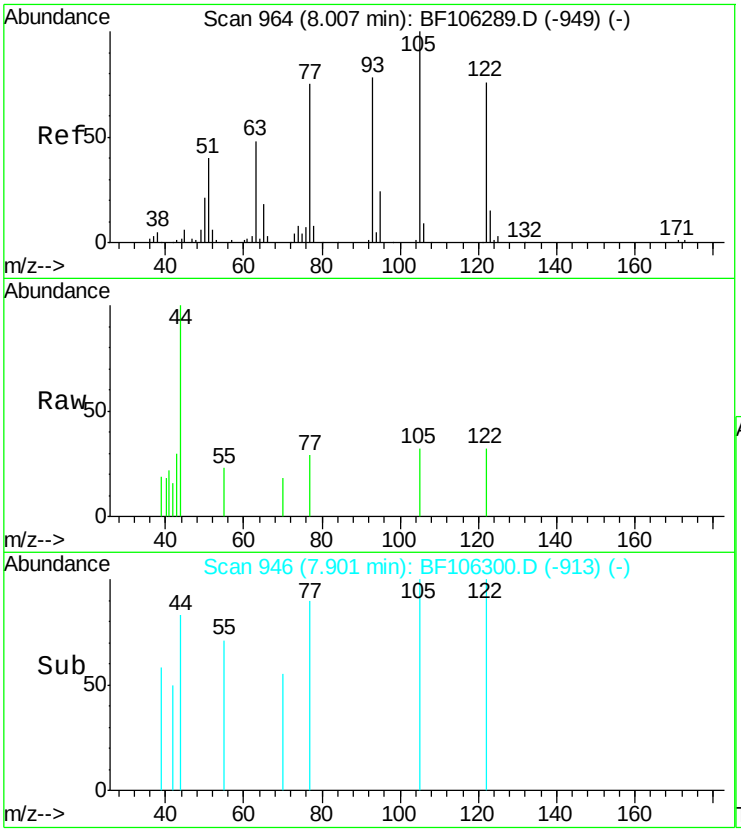


#25
Isophorone
Concen: 49.406 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106300.D
Acq: 11 Jun 2018 17:48

Tgt Ion: 82 Resp: 1268847

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



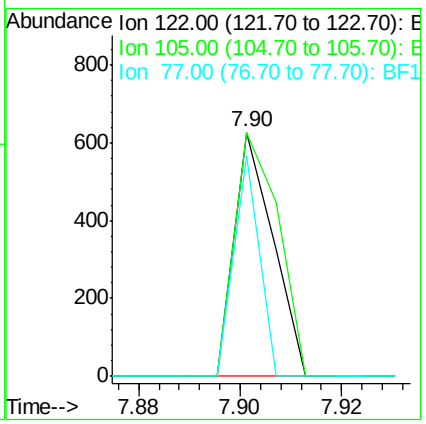


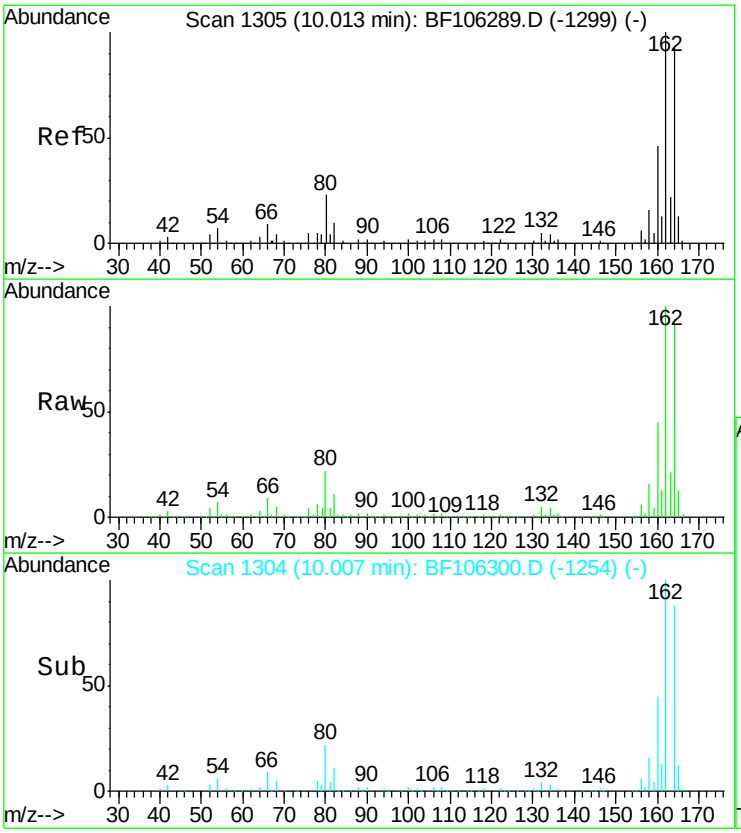
#32
Benzoic acid
Concen: 7.324 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.10 min
Lab File: BF106300.D
Acq: 11 Jun 2018 17:48

Instrument :
BNA_F
ClientSampleId :
JC-SOIL-COMP

Tgt Ion:122 Resp: 336

Ion	Ratio	Lower	Upper
122	100		
105	99.8	101.1	141.1#
77	90.4	70.7	110.7

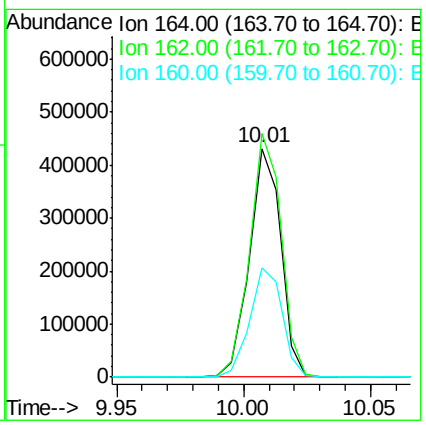


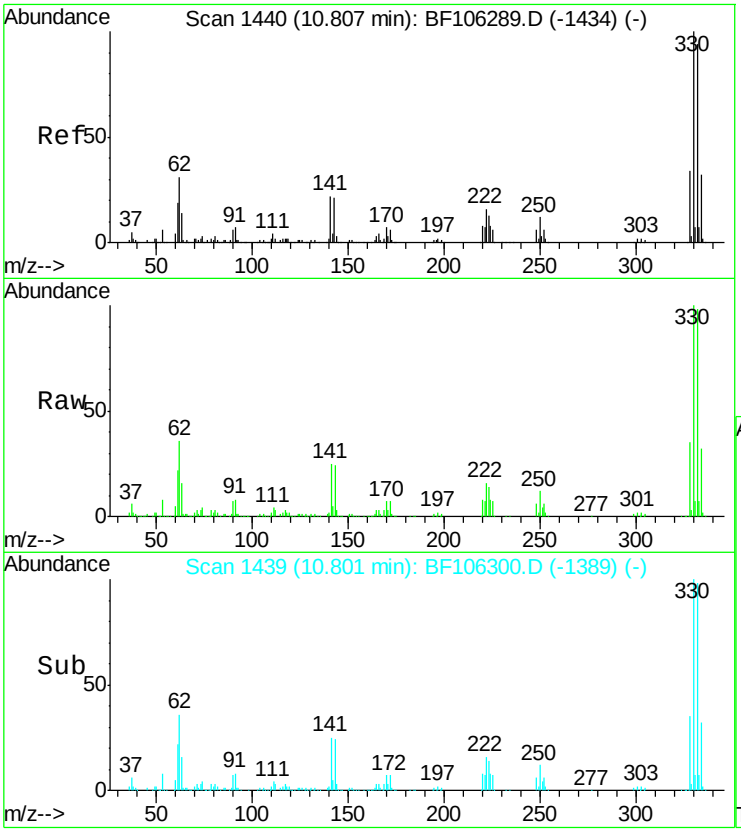


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106300.D
Acq: 11 Jun 2018 17:48

Tgt Ion:164 Resp: 372941

Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.1	129.1
160	47.5	38.3	57.5



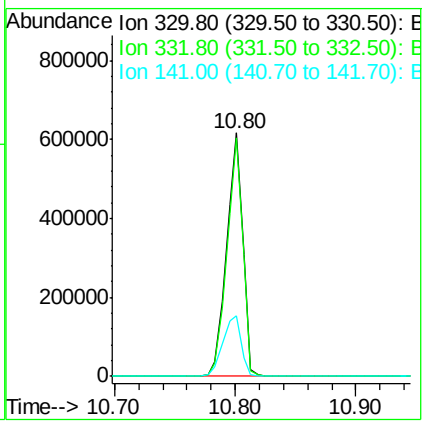


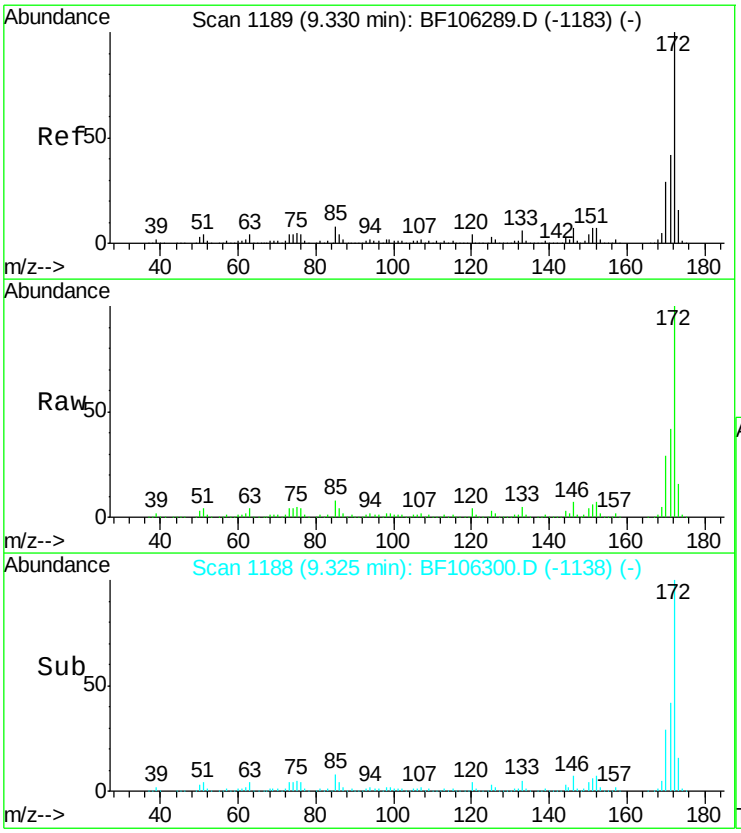
#41
2,4,6-Tribromophenol
Concen: 159.602 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF106300.D
Acq: 11 Jun 2018 17:48

Instrument :
BNA_F
ClientSampleId :
JC-SOIL-COMP

Tgt Ion:330 Resp: 572707

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	28.3	29.9	44.9#

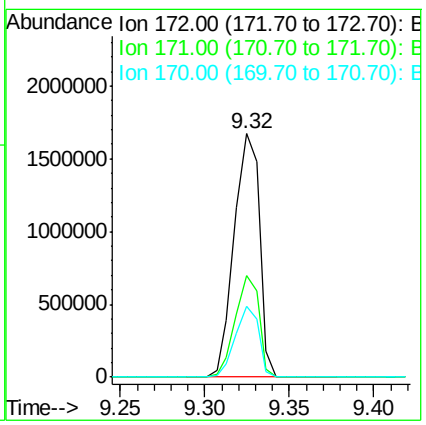


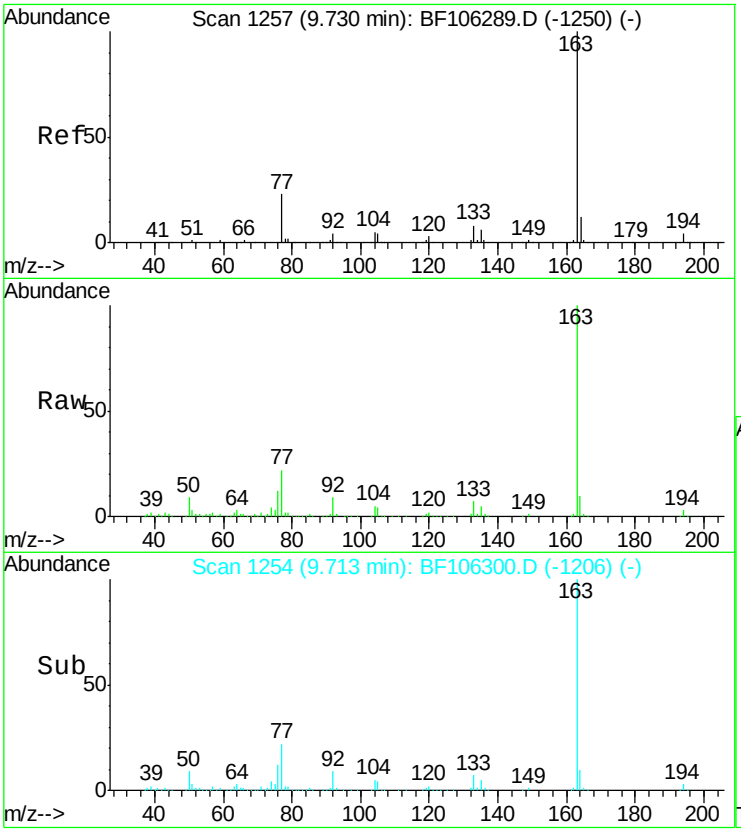


#44
2-Fluorobiphenyl
Concen: 82.515 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF106300.D
Acq: 11 Jun 2018 17:48

Tgt Ion:172 Resp: 1749020

Ion	Ratio	Lower	Upper
172	100		
171	41.9	29.7	44.5
170	28.8	19.6	29.4



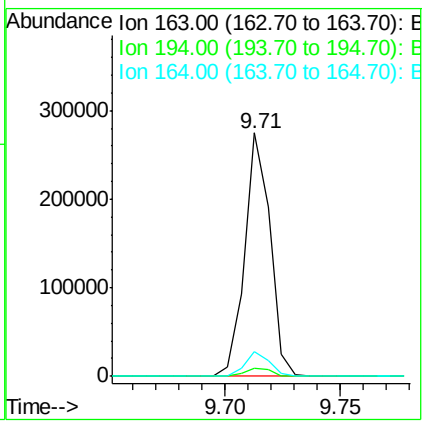


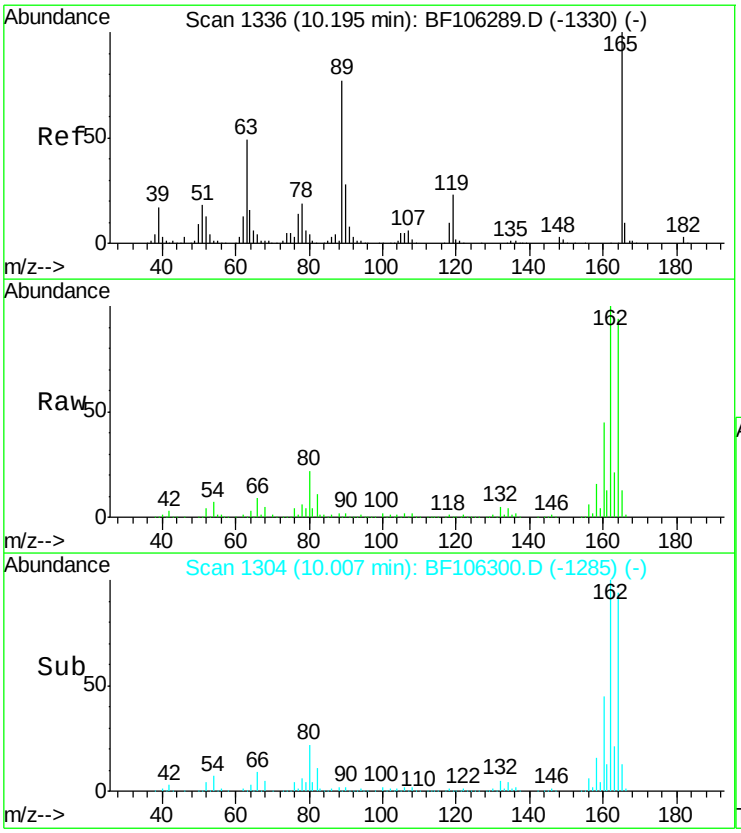
#49
Dimethylphthalate
Concen: 7.900 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF106300.D
Acq: 11 Jun 2018 17:48

Instrument :
BNA_F
ClientSampleId :
JC-SOIL-COMP

Tgt Ion:163 Resp: 210503

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.4	8.2	12.2

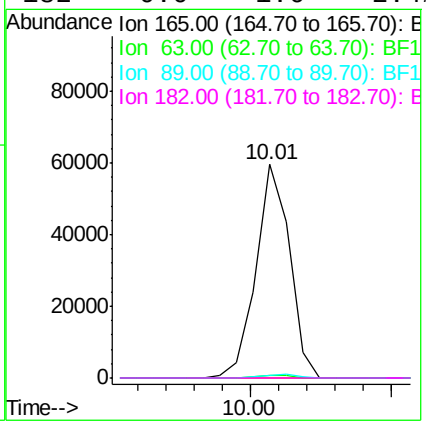


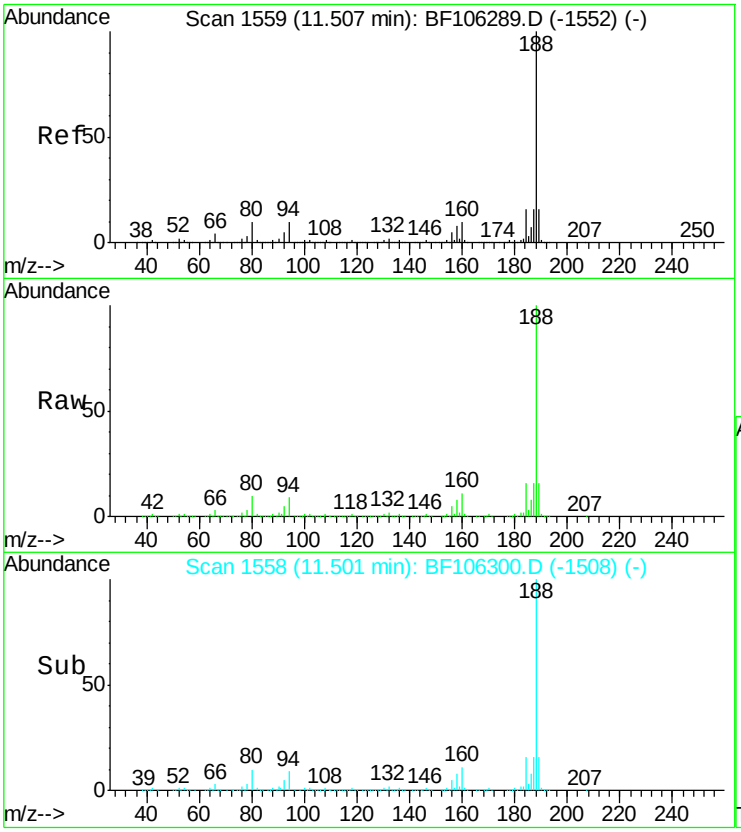


#56
2,4-Dinitrotoluene
Concen: 7.184 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106300.D
Acq: 11 Jun 2018 17:48

Tgt Ion:165 Resp: 49101

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#



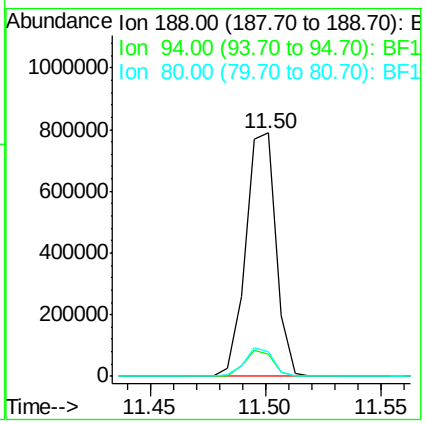


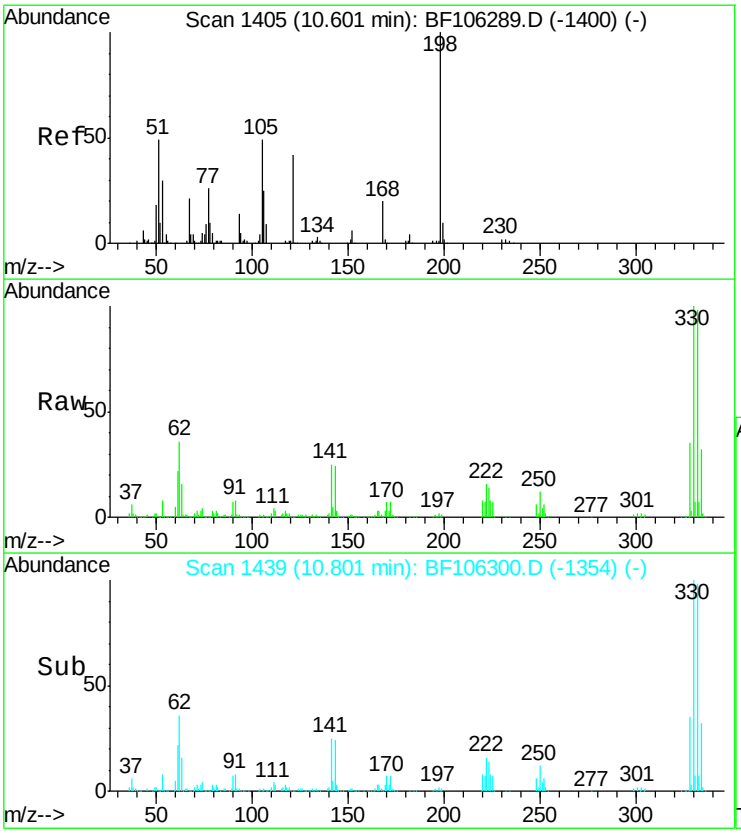
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106300.D
Acq: 11 Jun 2018 17:48

Instrument :
BNA_F
ClientSampleId :
JC-SOIL-COMP

Tgt Ion:188 Resp: 724763

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.1	9.2	13.8

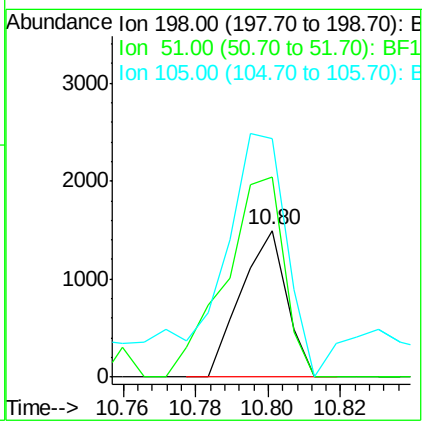


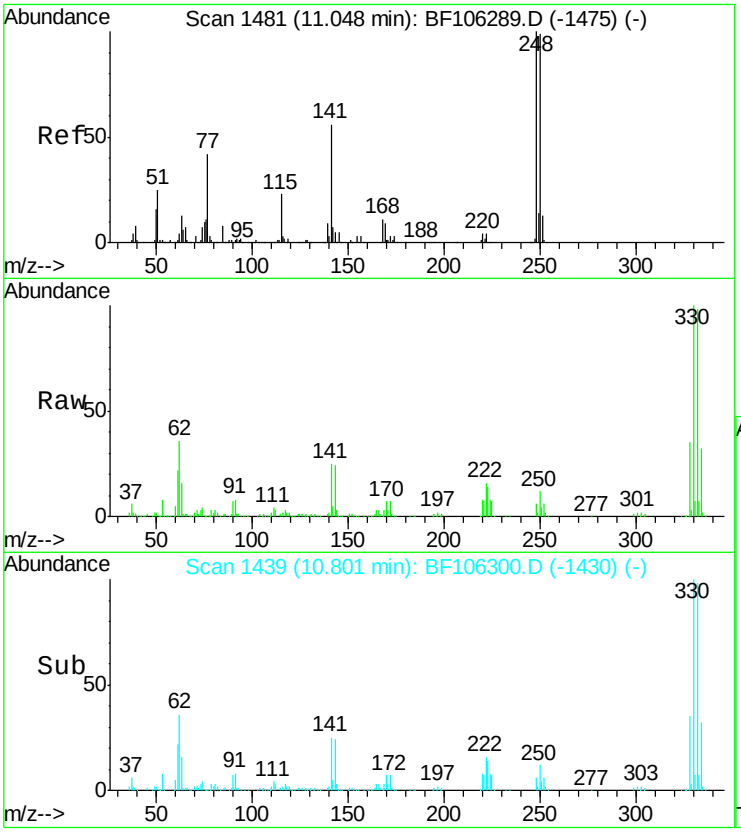


#64
4,6-Dinitro-2-methylphenol
Concen: 6.584 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF106300.D
Acq: 11 Jun 2018 17:48

Tgt Ion:198 Resp: 1301

Ion	Ratio	Lower	Upper
198	100		
51	136.8	37.7	77.7#
105	162.6	36.3	76.3#



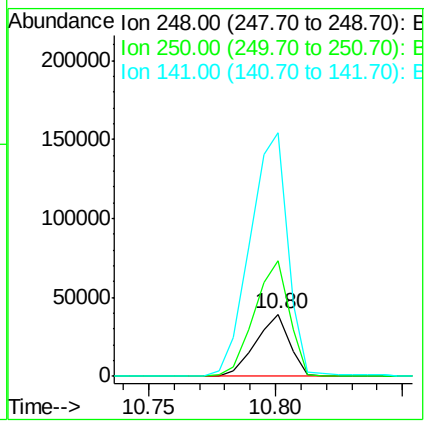


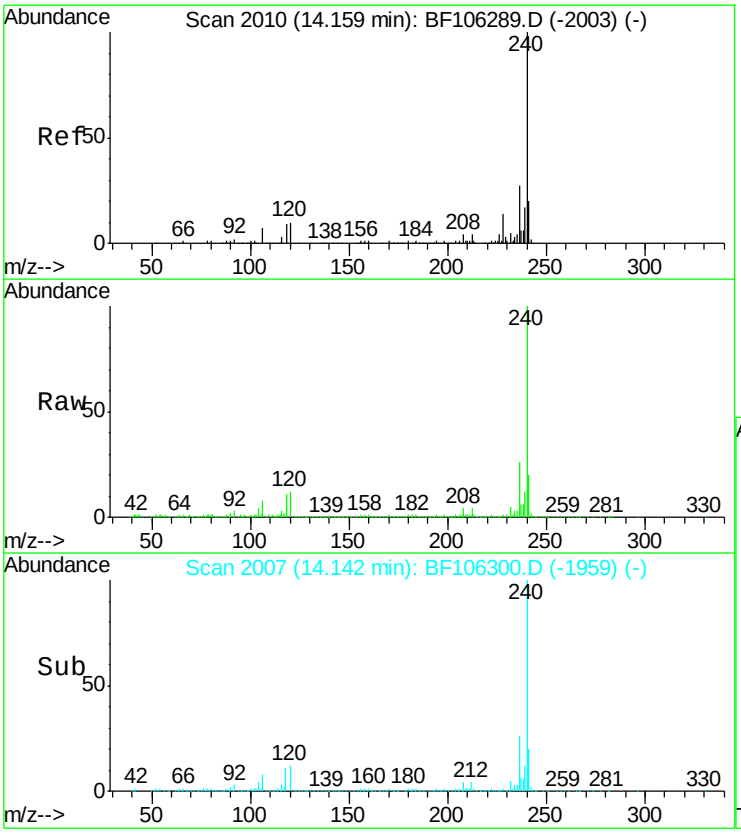
#66
4-Bromophenyl-phenylether
Concen: 4.474 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF106300.D
Acq: 11 Jun 2018 17:48

Instrument :
BNA_F
ClientSampleId :
JC-SOIL-COMP

Tgt Ion:248 Resp: 36879

Ion	Ratio	Lower	Upper
248	100		
250	185.2	76.9	115.3#
141	392.0	74.4	111.6#

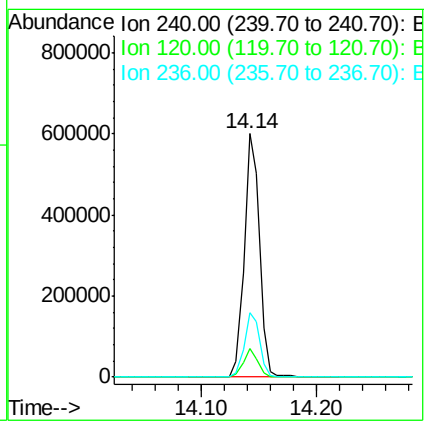


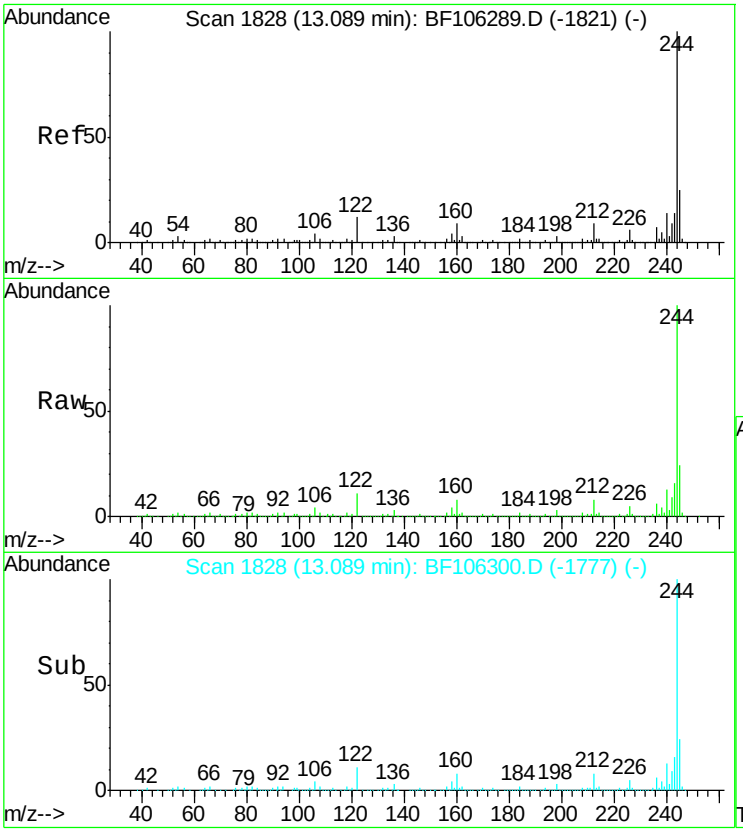


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106300.D
Acq: 11 Jun 2018 17:48

Tgt Ion:240 Resp: 550707

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.3	20.7	31.1



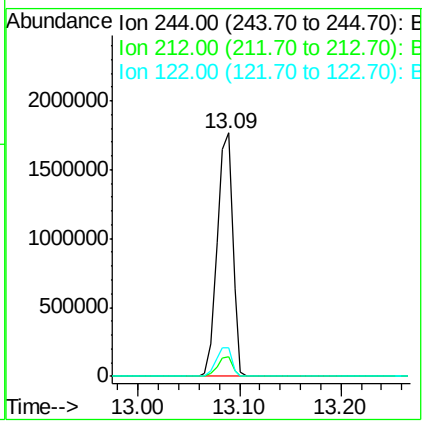


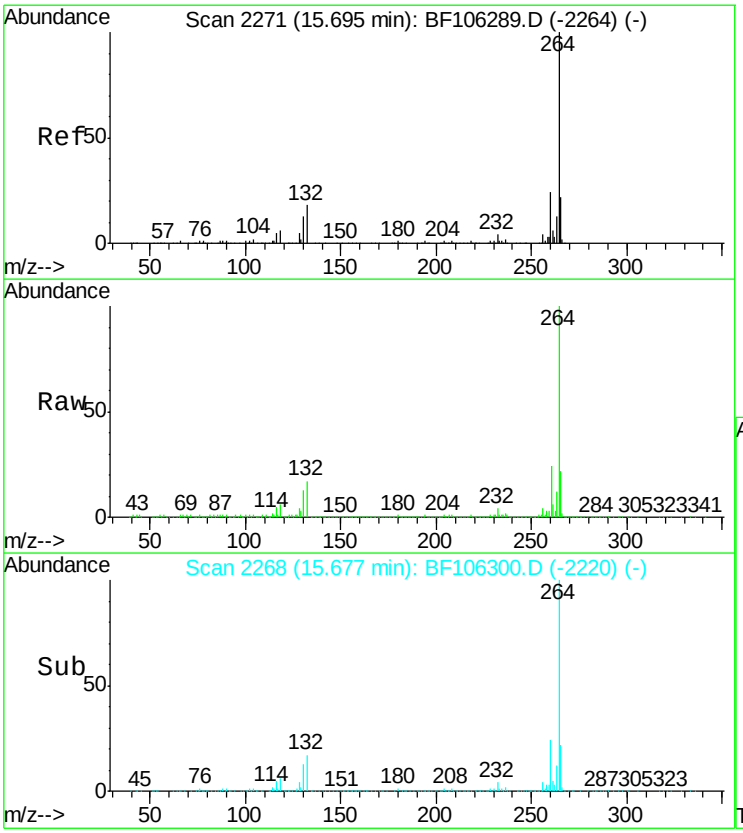
#78
Terphenyl-d14
Concen: 85.185 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BF106300.D
Acq: 11 Jun 2018 17:48

Instrument :
BNA_F
ClientSampleId :
JC-SOIL-COMP

Tgt Ion:244 Resp: 1888739

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.4	8.0#
122	11.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF106300.D
Acq: 11 Jun 2018 17:48

Tgt Ion:264 Resp: 553268

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.5	26.3