Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061418\
Data File : BF106478.D
Acq On : 15 Jun 2018 7:43
Operator : JU/SJ
Sample : J3475-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 061218-DBRI-F-D-M

Quant Time: Jun 15 08:28:14 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	104268	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	350688	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	135304	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	255929	20.00	ng	0.00
75) Chrysene-d12	14.15	240	273841	20.00	ng	-0.01
86) Perylene-d12	15.69	264	183034	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	317553	51.55	ng	0.00
7) Phenol-d6	6.61	99	249697	32.08	ng	0.00
23) Nitrobenzene-d5	7.53	82	666284	111.77	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	141623	108.79	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	994250	197.04	ng	0.00
78) Terphenyl-d14	13.08	244	1121522	101.72	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.74	77	11947	2.024	ng	# 75
19) n-Nitroso-di-n-propylamine	7.53	70	91845	15.729	ng	# 74
25) Isophorone	7.53	82	666277	57.223	ng	# 64
49) Dimethylphthalate	9.71	163	72597	7.510	ng	98
50) 2,6-Dinitrotoluene	10.01	165	17003	8.611	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	17003	6.857	ng	# 24
62) Azobenzene	10.71	77	50101	5.008	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.80	198	282	6.472	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	9450	3.246	ng	# 1

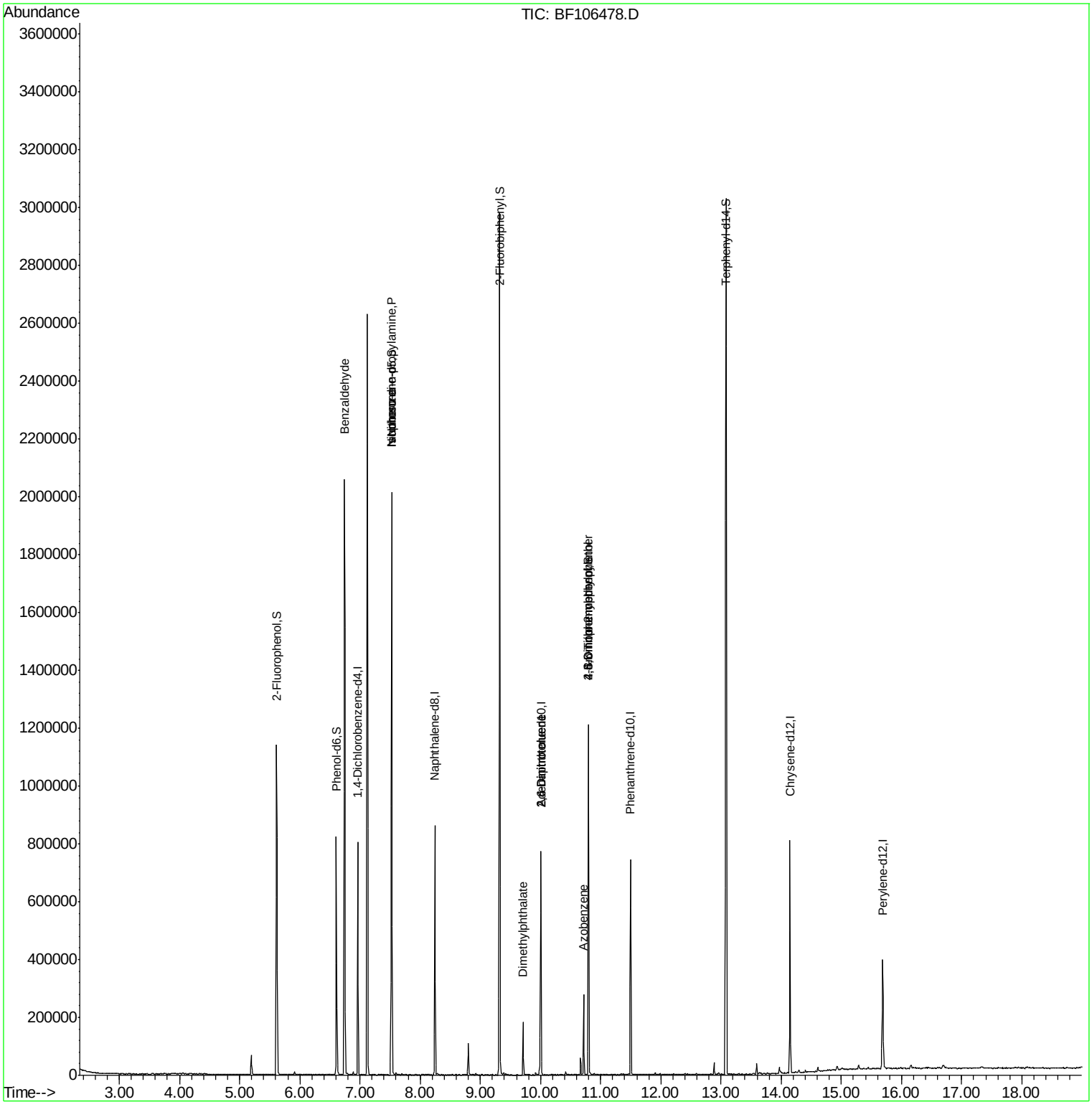
(#) = qualifier out of range (m) = manual integration (+) = signals summed

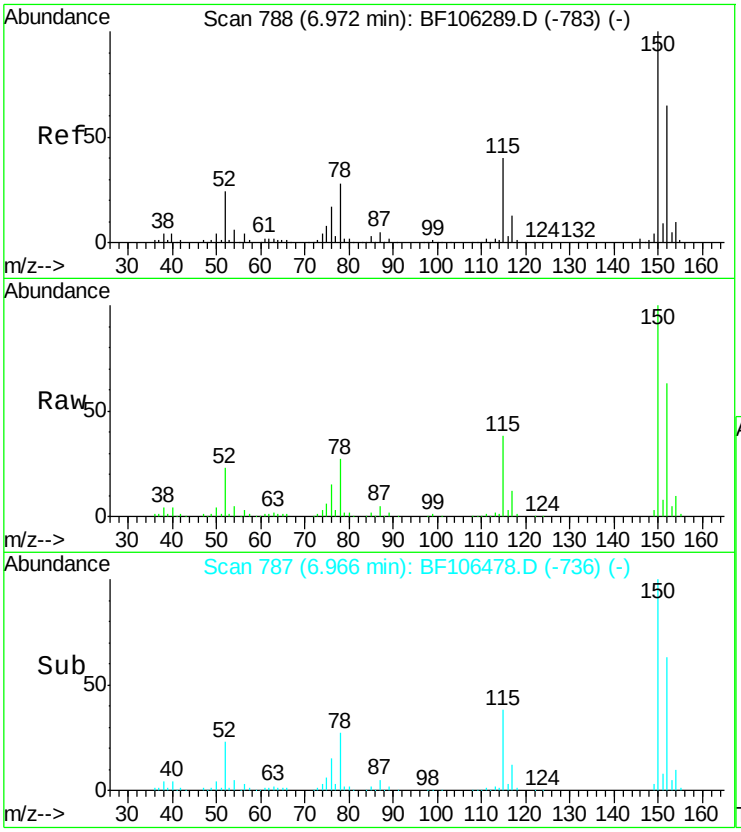
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061418\
Data File : BF106478.D
Acq On : 15 Jun 2018 7:43
Operator : JU/SJ
Sample : J3475-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
061218-DBRI-F-D-M

Quant Time: Jun 15 08:28:14 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



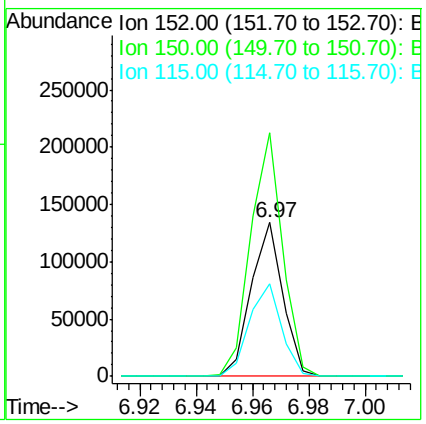


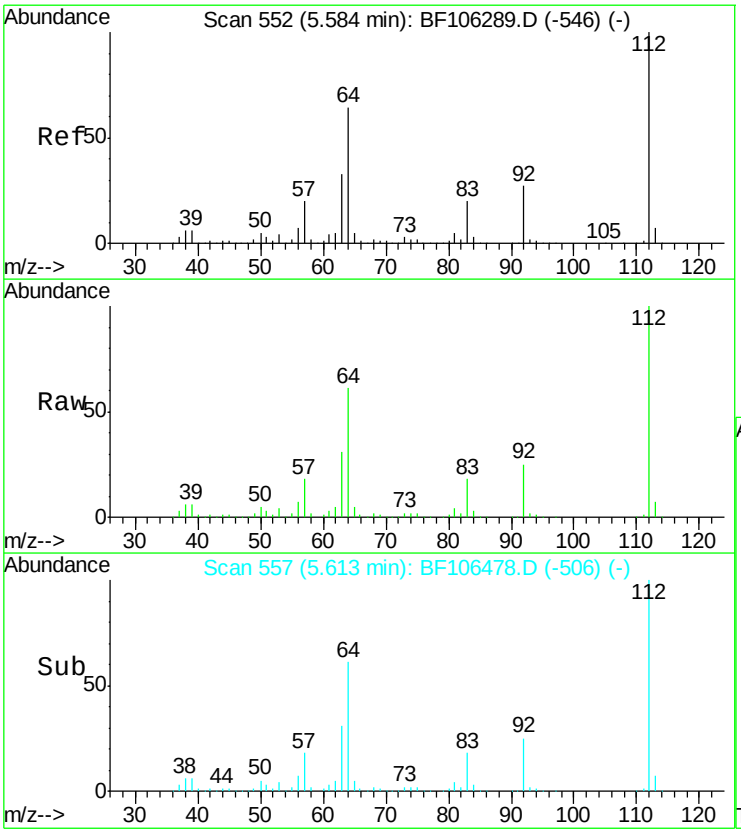
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106478.D
Acq: 15 Jun 2018 7:43

Instrument :
BNA_F
ClientSampleId :
061218-DBRI-F-D-M

Tgt Ion:152 Resp: 104268

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	60.5	50.1	75.1

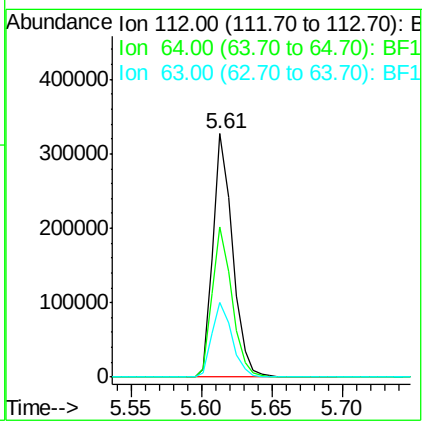


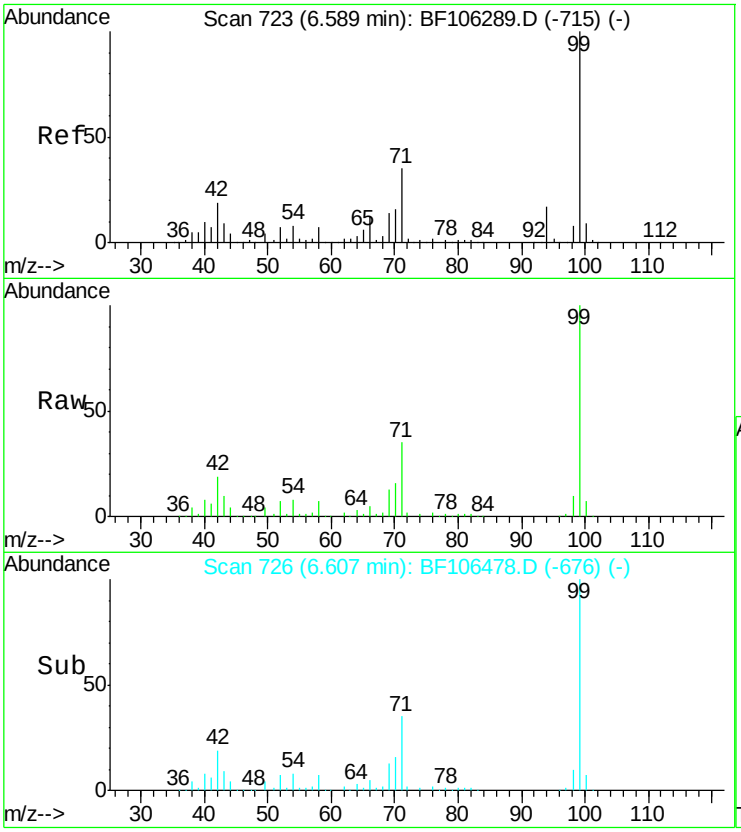


#5
2-Fluorophenol
Concen: 51.546 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106478.D
Acq: 15 Jun 2018 7:43

Tgt Ion:112 Resp: 317553

Ion	Ratio	Lower	Upper
112	100		
64	61.4	47.9	71.9
63	30.7	23.7	35.5



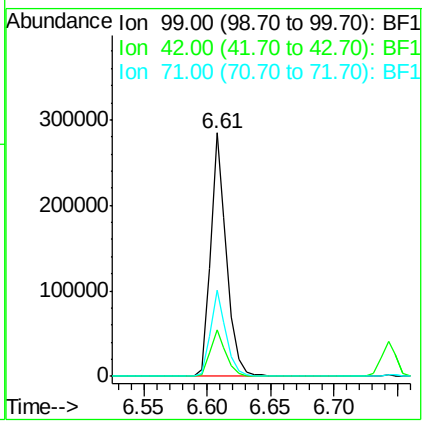


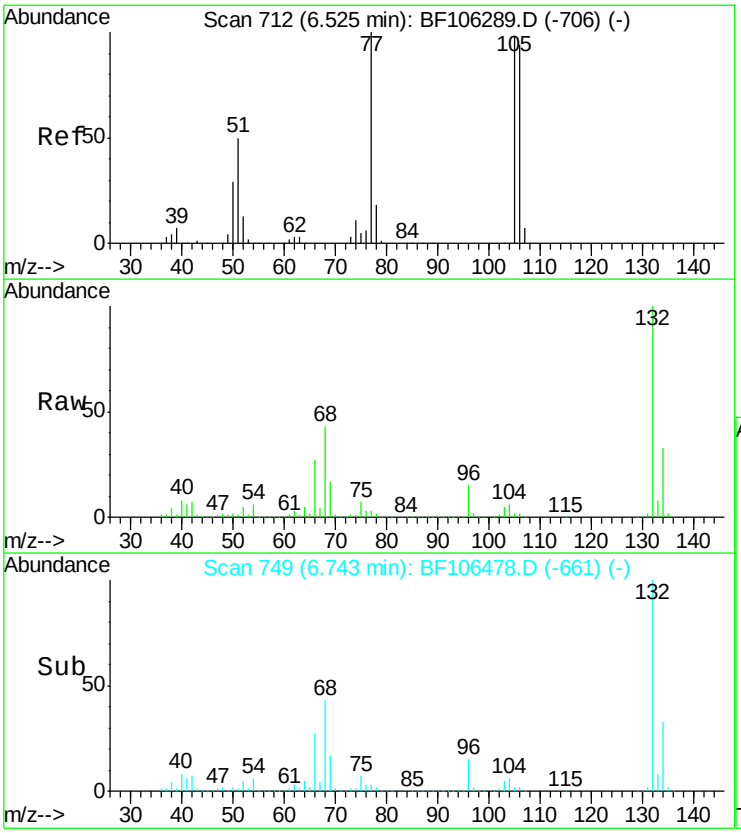
#7
Phenol-d6
Concen: 32.081 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF106478.D
Acq: 15 Jun 2018 7:43

Instrument :
BNA_F
ClientSampleId :
061218-DBRI-F-D-M

Tgt Ion: 99 Resp: 249697

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	35.3	25.4	38.0

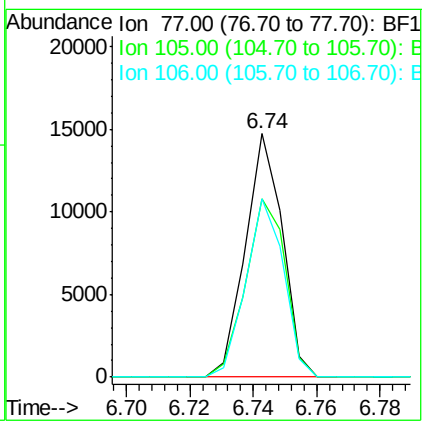


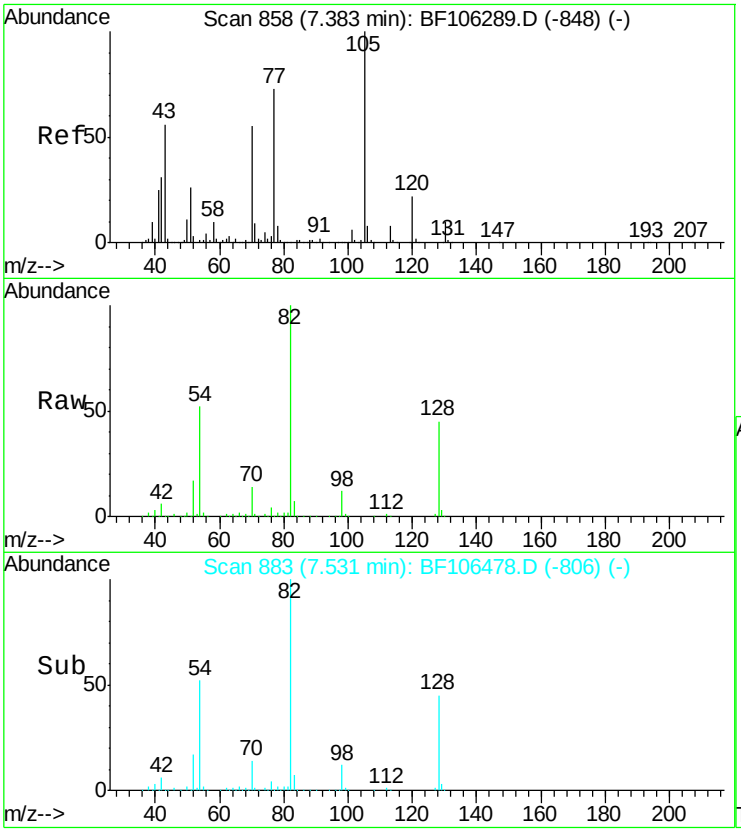


#9
Benzaldehyde
Concen: 2.024 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.22 min
Lab File: BF106478.D
Acq: 15 Jun 2018 7:43

Tgt Ion: 77 Resp: 11947

Ion	Ratio	Lower	Upper
77	100		
105	73.3	81.1	121.1#
106	73.5	74.5	114.5#



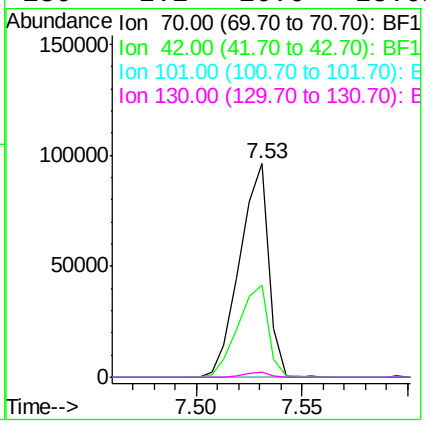


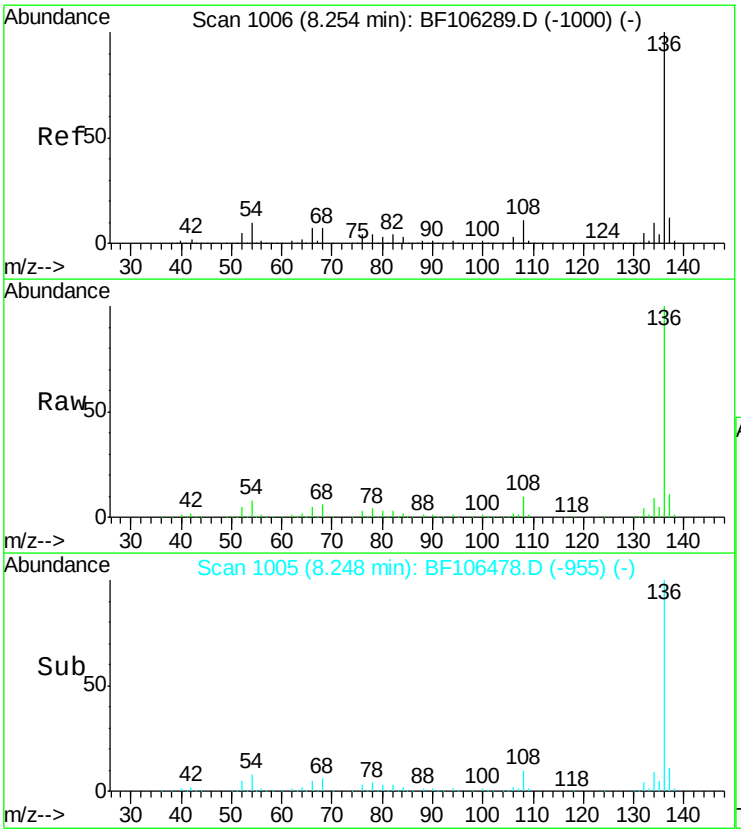
#19
n-Nitroso-di-n-propylamine
Concen: 15.729 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106478.D
Acq: 15 Jun 2018 7:43

Instrument :
BNA_F
ClientSampleId :
061218-DBRI-F-D-M

Tgt Ion: 70 Resp: 91845

Ion	Ratio	Lower	Upper
70	100		
42	42.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

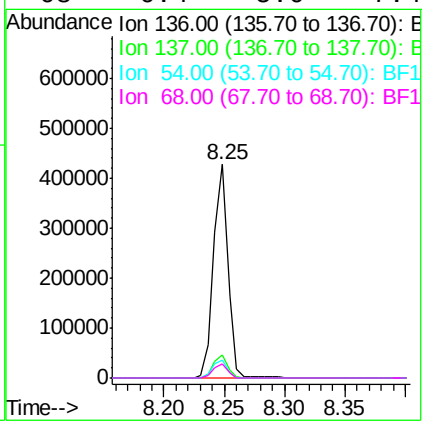


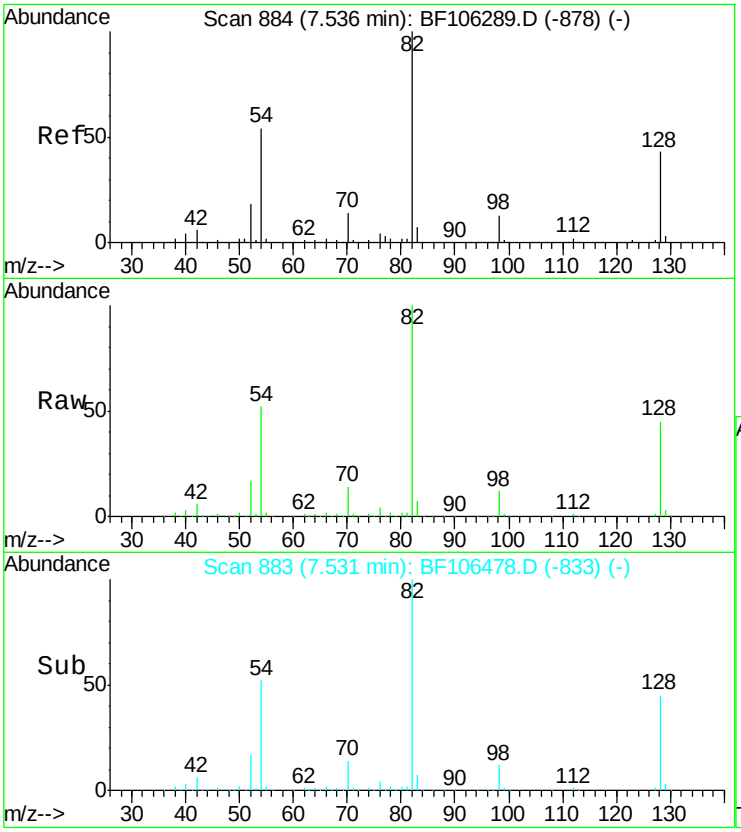


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106478.D
Acq: 15 Jun 2018 7:43

Tgt Ion:136 Resp: 350688

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.5	6.6	9.8
68	6.4	5.0	7.4



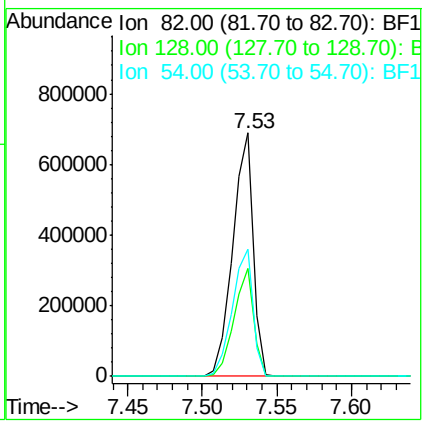


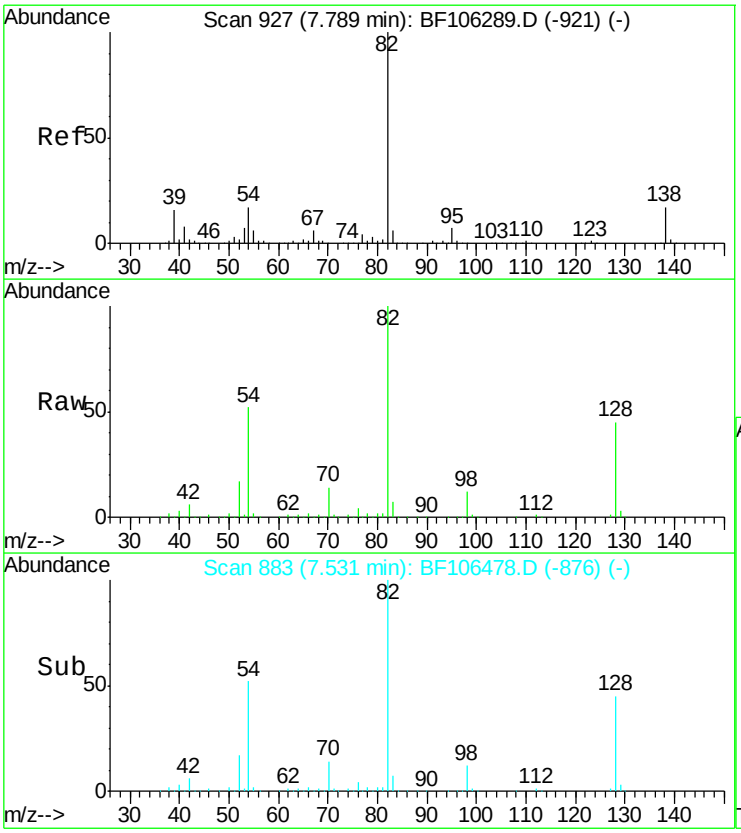
#23
Nitrobenzene-d5
Concen: 111.770 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106478.D
Acq: 15 Jun 2018 7:43

Instrument :
BNA_F
ClientSampleId :
061218-DBRI-F-D-M

Tgt Ion: 82 Resp: 666284

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	52.2	41.4	62.2

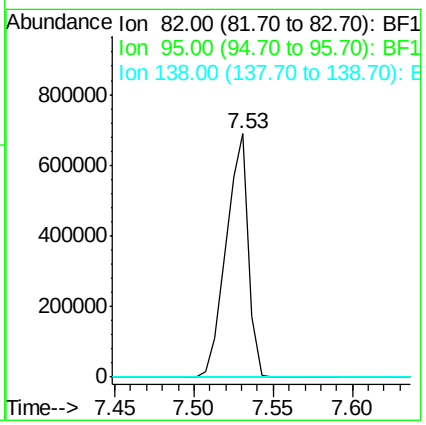


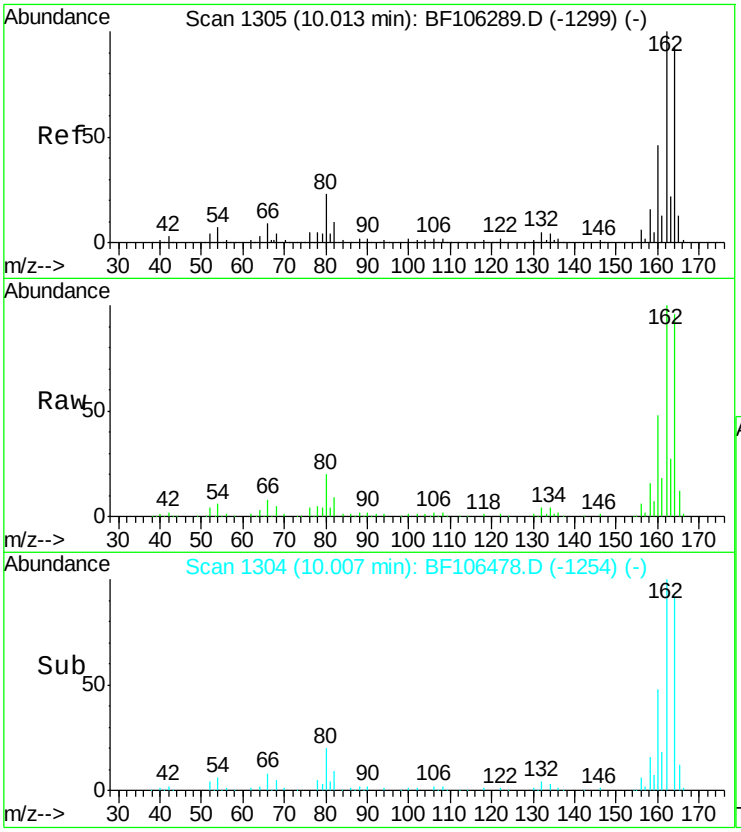


#25
Isophorone
Concen: 57.223 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106478.D
Acq: 15 Jun 2018 7:43

Tgt Ion: 82 Resp: 666277

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



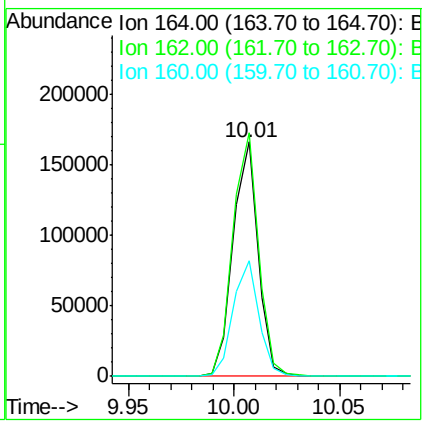


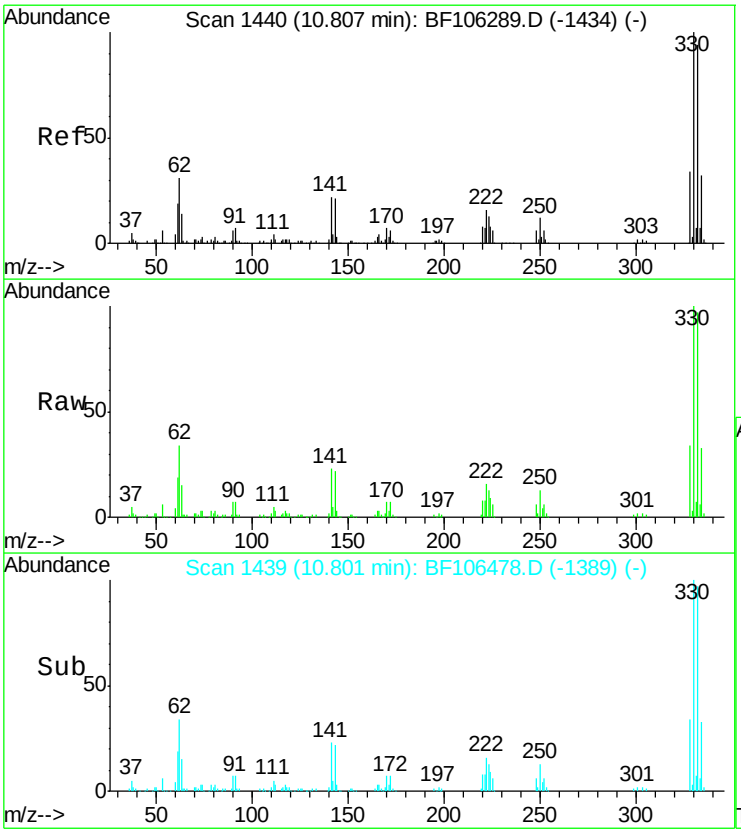
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106478.D
Acq: 15 Jun 2018 7:43

Instrument :
BNA_F
ClientSampleId :
061218-DBRI-F-D-M

Tgt Ion:164 Resp: 135304

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	49.5	38.3	57.5

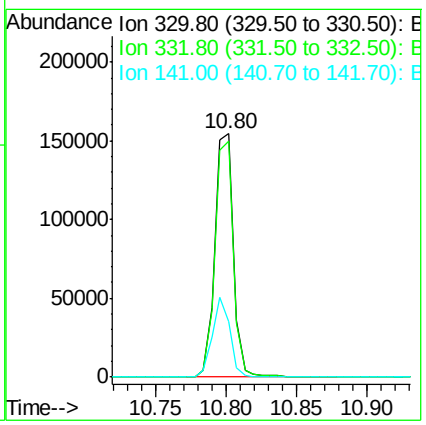


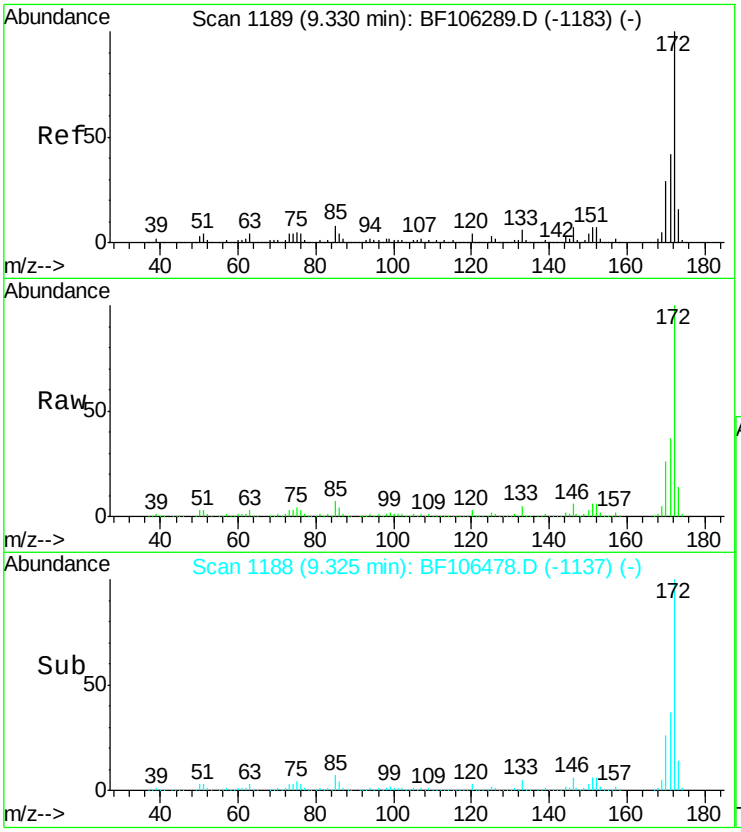


#41
2,4,6-Tribromophenol
Concen: 108.785 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF106478.D
Acq: 15 Jun 2018 7:43

Tgt Ion:330 Resp: 141623

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	30.9	29.9	44.9



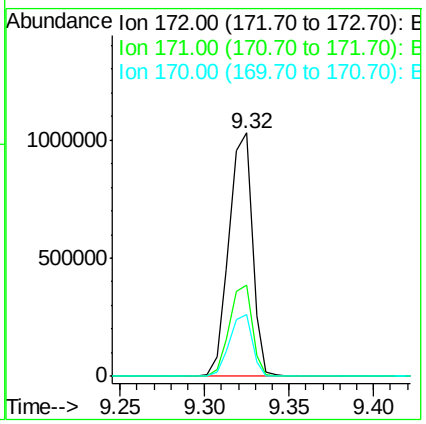


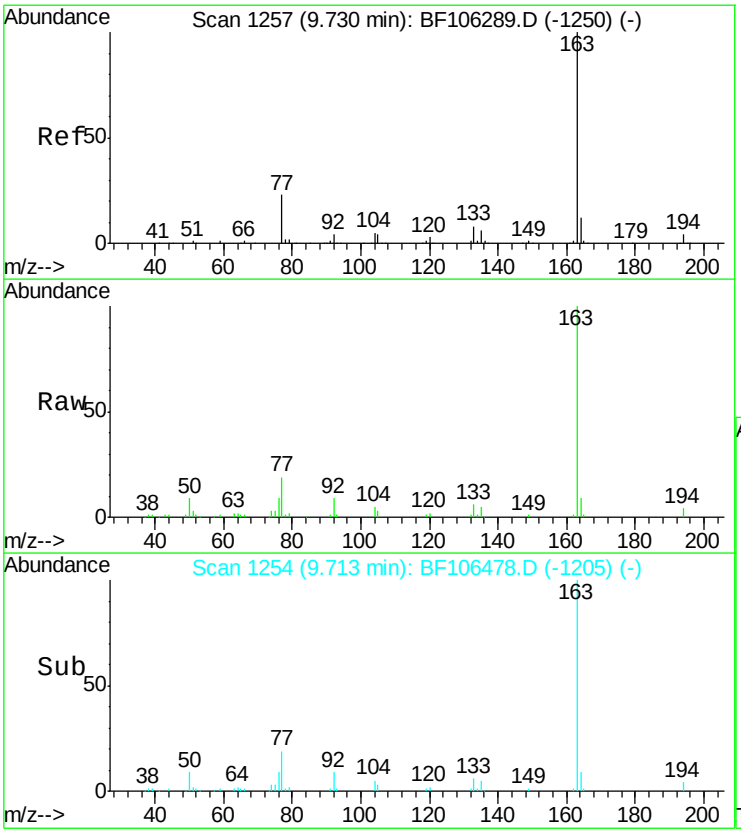
#44
2-Fluorobiphenyl
Concen: 197.035 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106478.D
Acq: 15 Jun 2018 7:43

Instrument :
BNA_F
ClientSampleId :
061218-DBRI-F-D-M

Tgt Ion:172 Resp: 994250

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.5	19.6	29.4

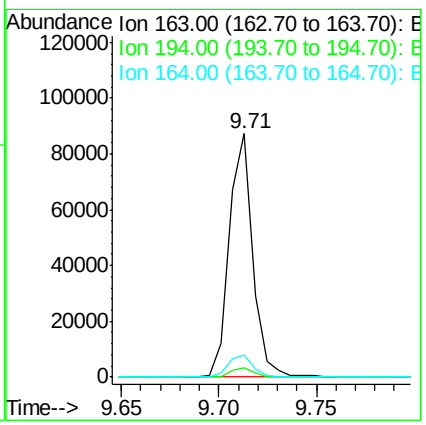


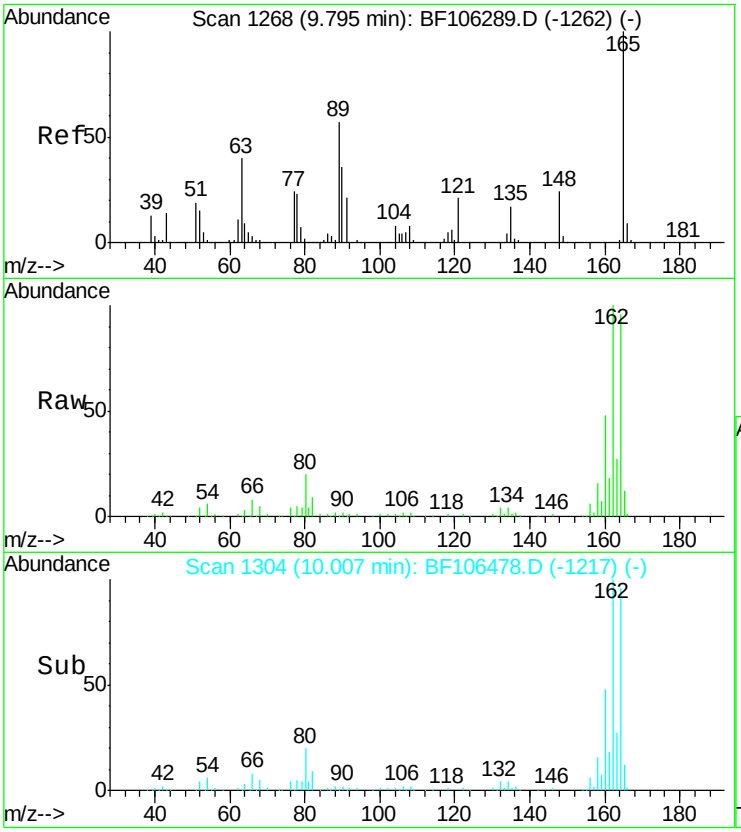


#49
Dimethylphthalate
Concen: 7.510 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106478.D
Acq: 15 Jun 2018 7:43

Tgt Ion:163 Resp: 72597

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.4	8.2	12.2



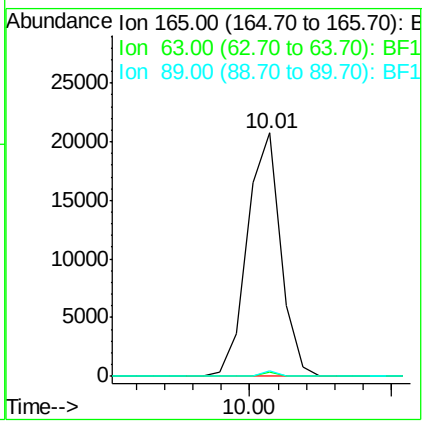


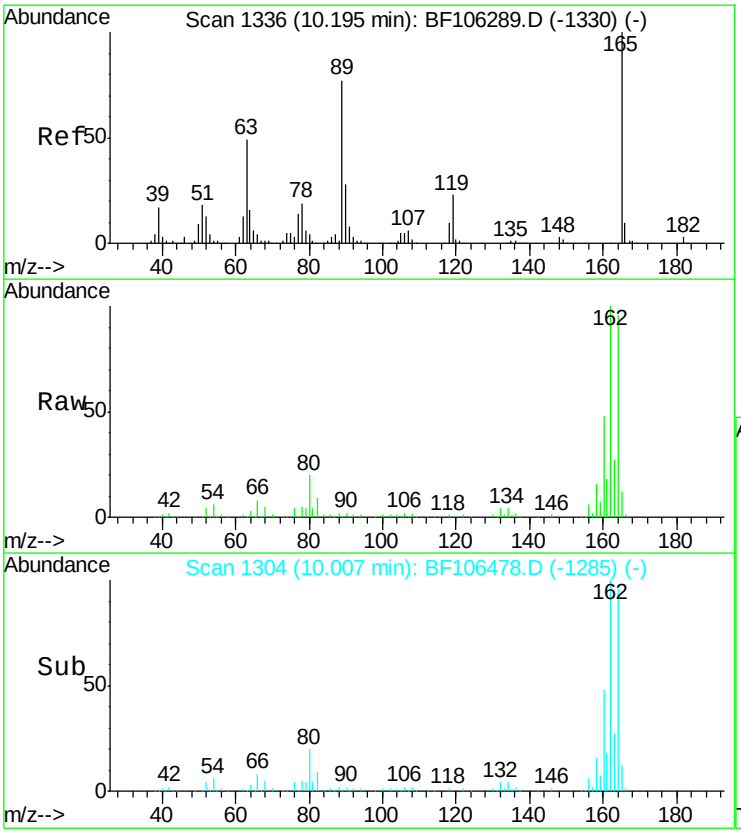
#50
2,6-Dinitrotoluene
Concen: 8.611 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF106478.D
Acq: 15 Jun 2018 7:43

Instrument :
BNA_F
ClientSampleId :
061218-DBRI-F-D-M

Tgt Ion:165 Resp: 17003

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	2.2	44.0	66.0#

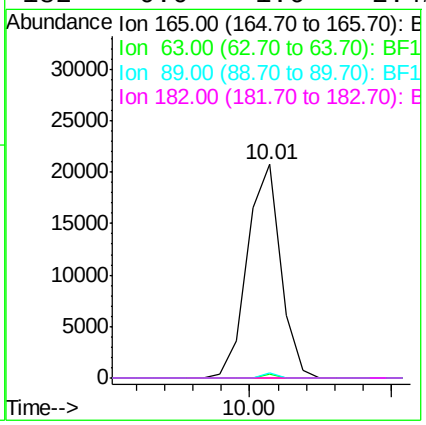


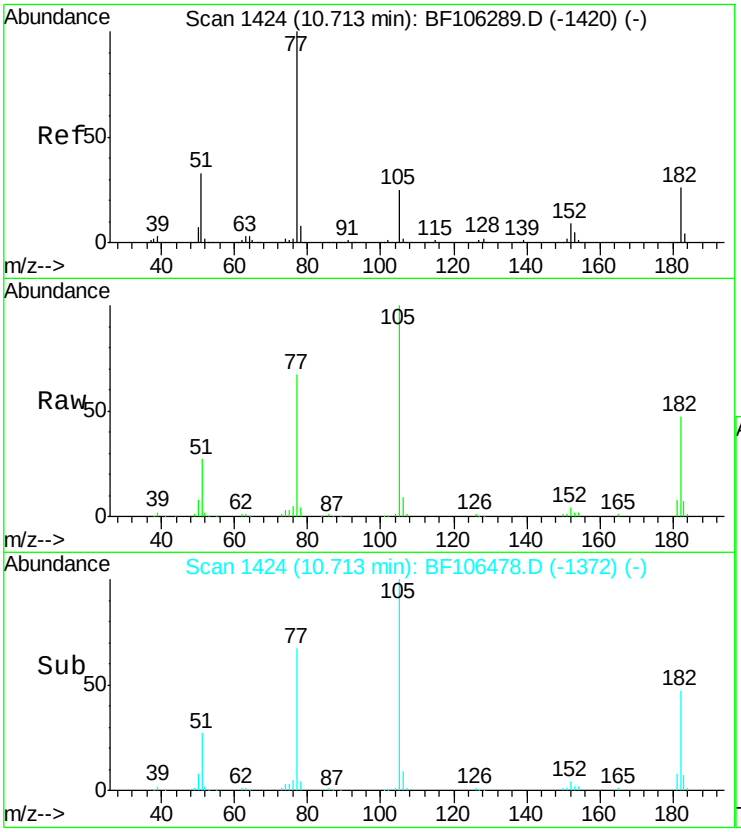


#56
2,4-Dinitrotoluene
Concen: 6.857 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106478.D
Acq: 15 Jun 2018 7:43

Tgt Ion:165 Resp: 17003

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	2.2	57.8	86.6#
182	0.0	1.6	2.4#



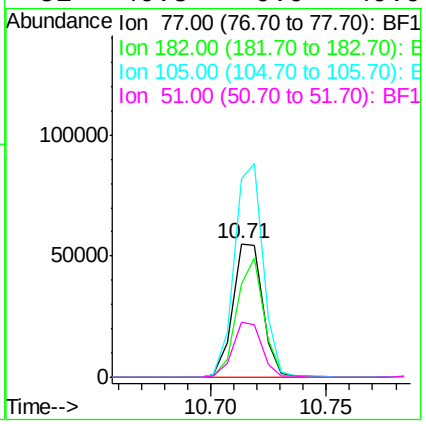


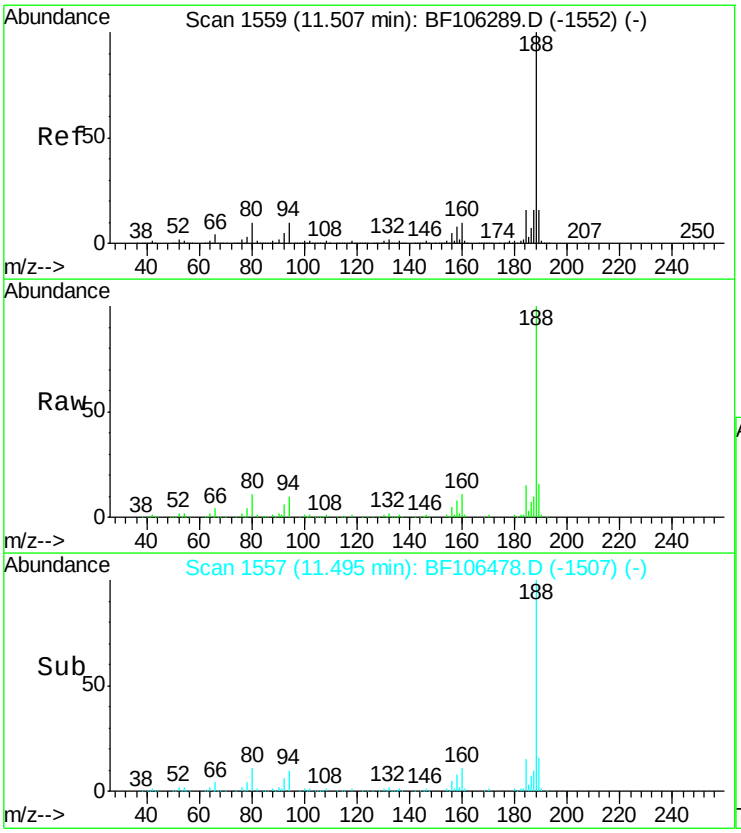
#62
Azobenzene
Concen: 5.008 ng
RT: 10.71 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF106478.D
Acq: 15 Jun 2018 7:43

Instrument :
BNA_F
ClientSampleId :
061218-DBRI-F-D-M

Tgt Ion: 77 Resp: 50101

Ion	Ratio	Lower	Upper
77	100		
182	69.7	1.7	41.7#
105	148.7	3.0	43.0#
51	40.8	9.9	49.9

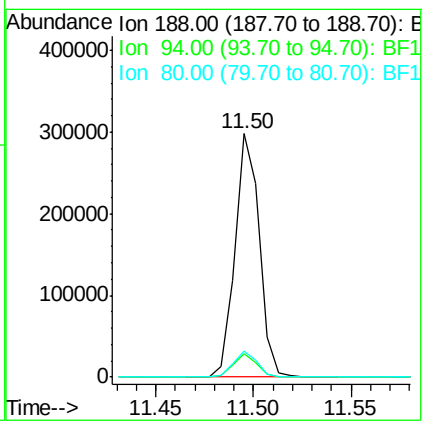


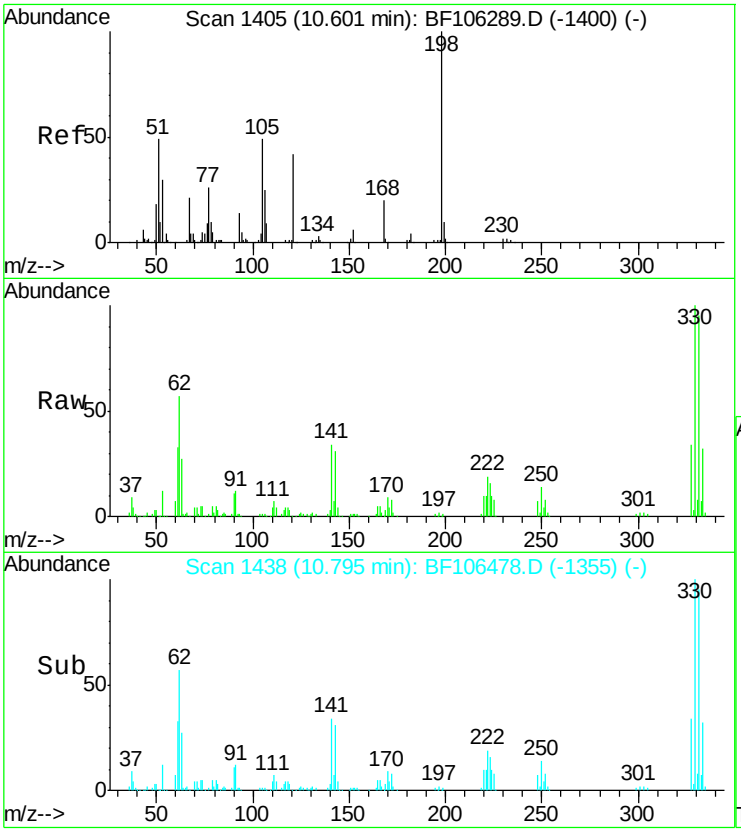


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106478.D
Acq: 15 Jun 2018 7:43

Tgt Ion:188 Resp: 255929

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.9	9.2	13.8



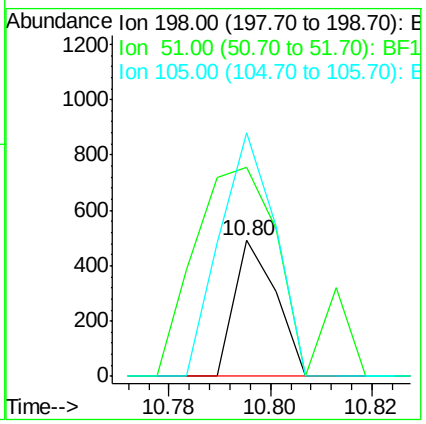


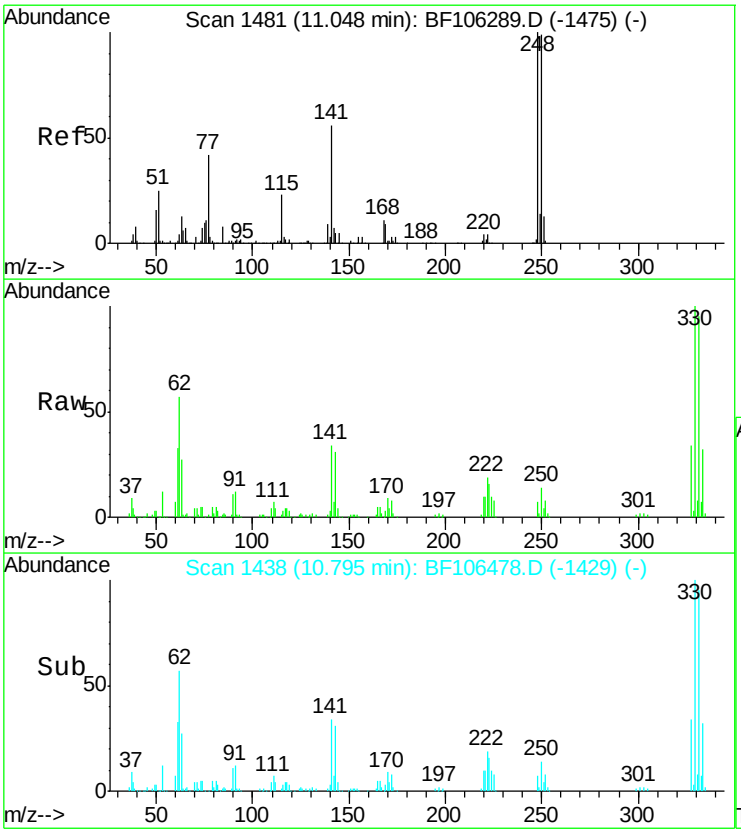
#64
4,6-Dinitro-2-methylphenol
Concen: 6.472 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF106478.D
Acq: 15 Jun 2018 7:43

Instrument :
BNA_F
ClientSampleId :
061218-DBRI-F-D-M

Tgt Ion:198 Resp: 282

Ion	Ratio	Lower	Upper
198	100		
51	153.3	37.7	77.7#
105	178.9	36.3	76.3#

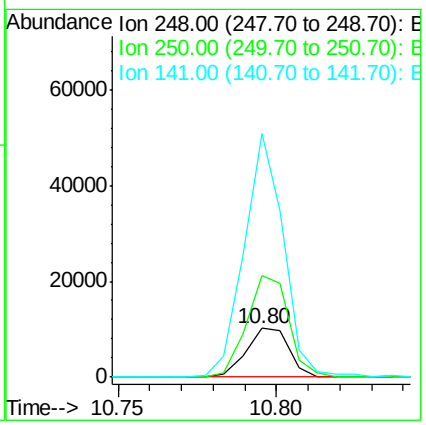


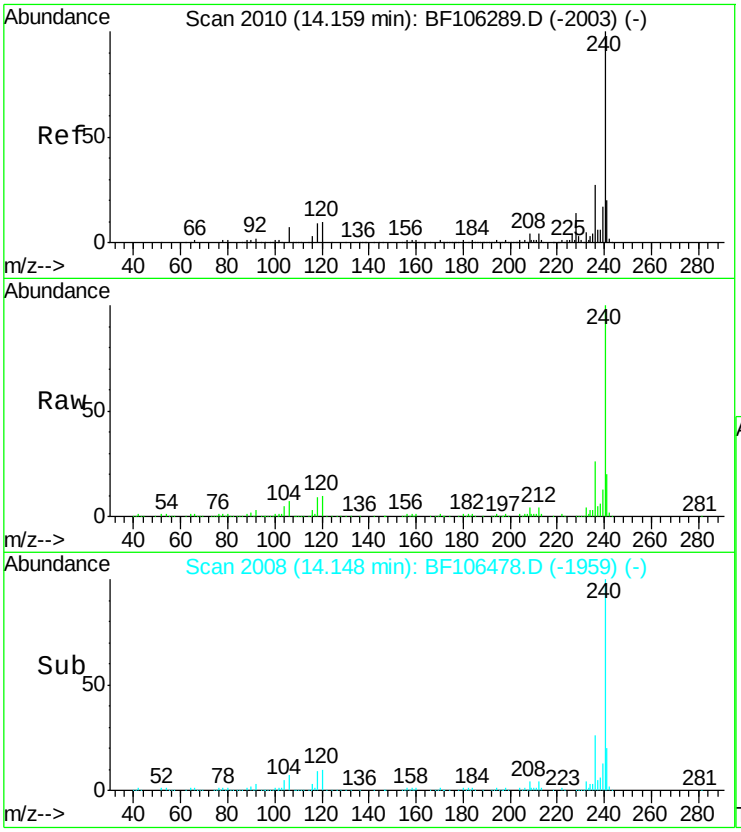


#66
4-Bromophenyl-phenylether
Concen: 3.246 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF106478.D
Acq: 15 Jun 2018 7:43

Tgt Ion:248 Resp: 9450

Ion	Ratio	Lower	Upper
248	100		
250	209.7	76.9	115.3#
141	499.9	74.4	111.6#



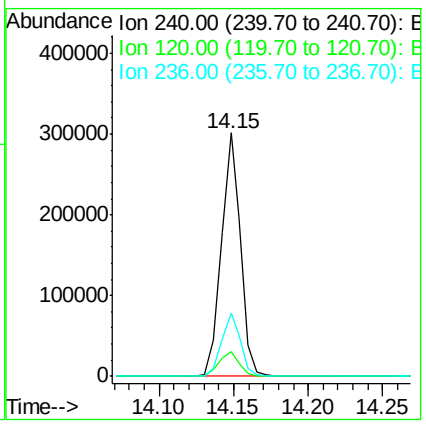


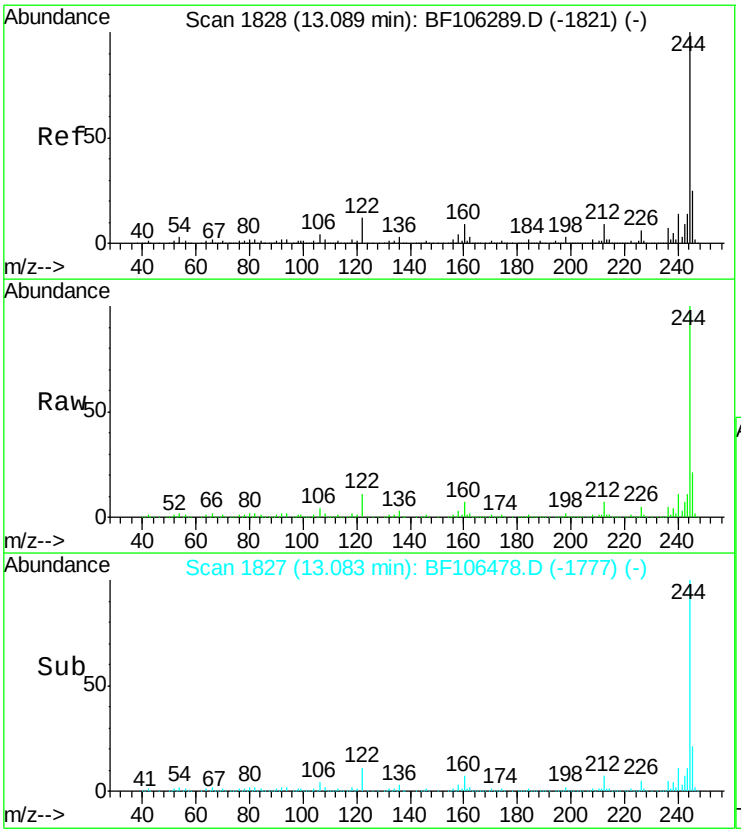
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106478.D
Acq: 15 Jun 2018 7:43

Instrument :
BNA_F
ClientSampleId :
061218-DBRI-F-D-M

Tgt Ion:240 Resp: 273841

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

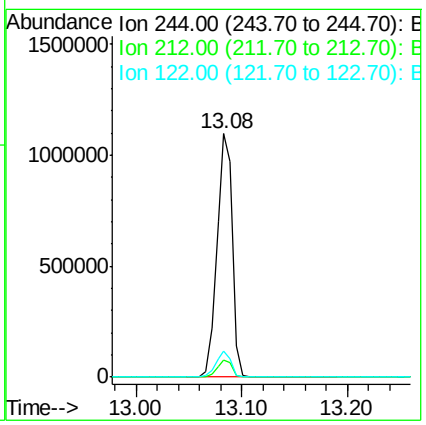


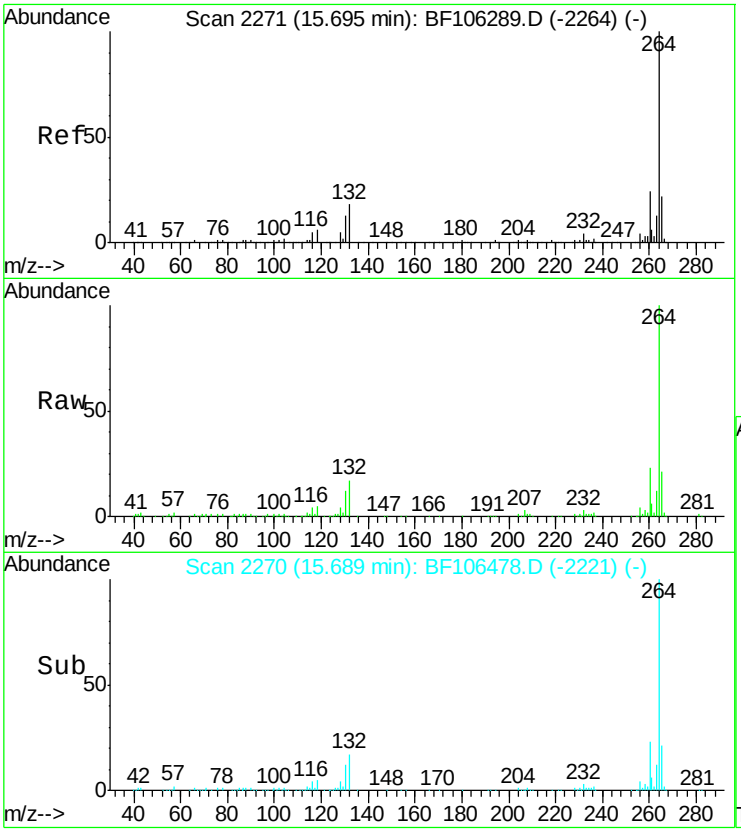


#78
Terphenyl-d14
Concen: 101.724 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF106478.D
Acq: 15 Jun 2018 7:43

Tgt Ion:244 Resp: 1121522

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.9	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: BF106478.D
Acq: 15 Jun 2018 7:43

Instrument :
BNA_F
ClientSampleId :
061218-DBRI-F-D-M

Tgt Ion:264 Resp: 183034

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.5	17.5	26.3