Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
Data File : BF106508.D
Acq On : 15 Jun 2018 22:31
Operator : JU/SJ
Sample : J3508-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DFTPP

Quant Time: Jun 16 02:06:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 15 11:11:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	120374	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	422256	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	170440	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	314559	20.00	ng	0.00
75) Chrysene-d12	14.15	240	339710	20.00	ng	0.00
86) Perylene-d12	15.69	264	227441	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	380882	53.55	ng	0.00
7) Phenol-d6	6.61	99	287179	31.96	ng	0.00
23) Nitrobenzene-d5	7.53	82	653907	91.10	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	218767	133.40	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1016518	120.03	ng	0.00
78) Terphenyl-d14	13.09	244	1092967	79.91	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.74	77	15122	2.219	ng	# 79
19) n-Nitroso-di-n-propylamine	7.53	70	88652	13.151	ng	# 75
25) Isophorone	7.53	82	653891	46.641	ng	# 64
32) Benzoic acid	7.96	122	292	7.345	ng	# 83
49) Dimethylphthalate	9.71	163	71921	5.906	ng	# 98
56) 2,4-Dinitrotoluene	10.01	165	24301	7.780	ng	# 23
62) Azobenzene	10.72	77	44441	3.526	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.80	198	567	6.585	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	13881	3.880	ng	# 1

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

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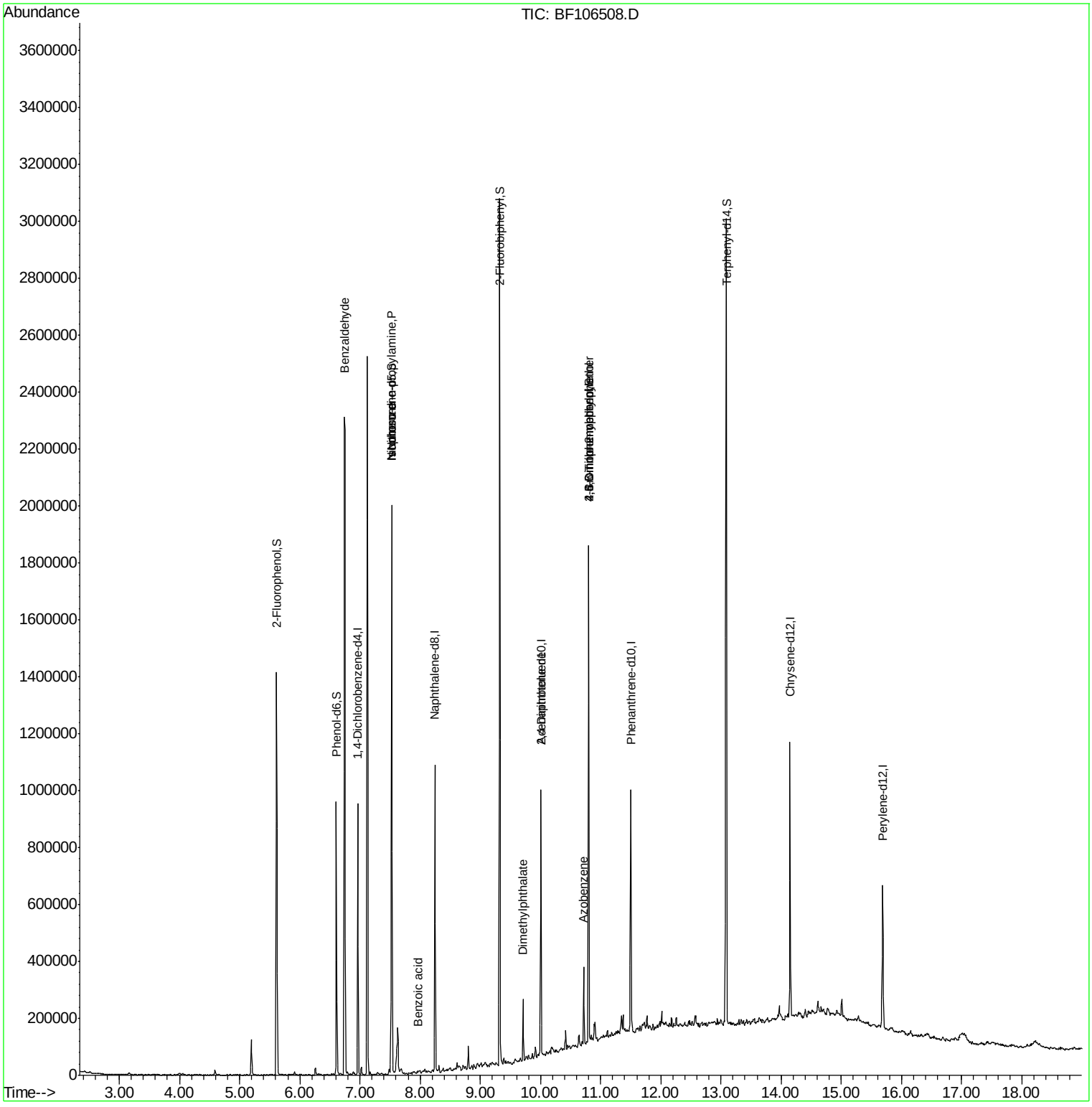
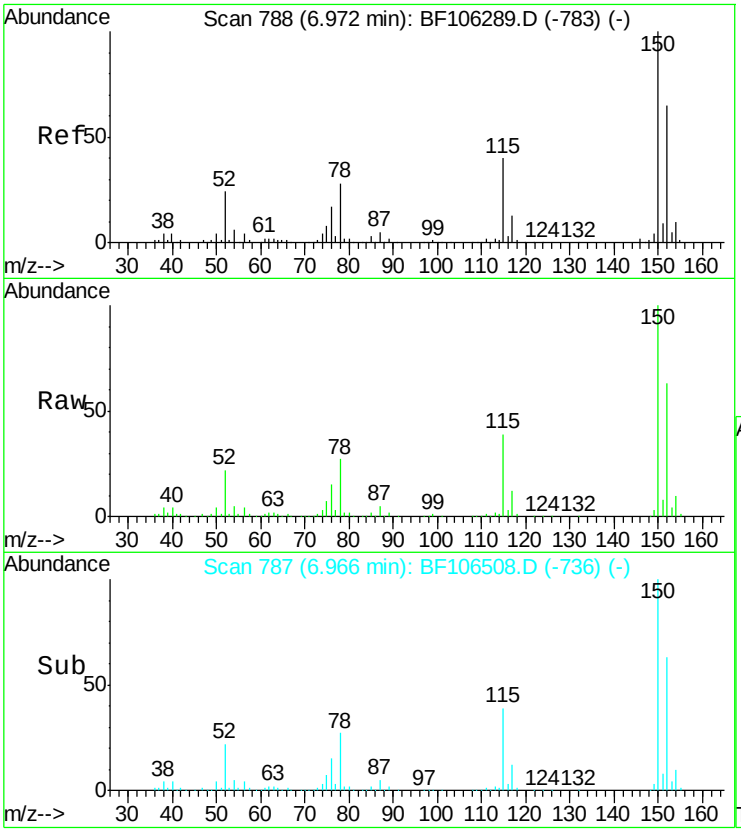


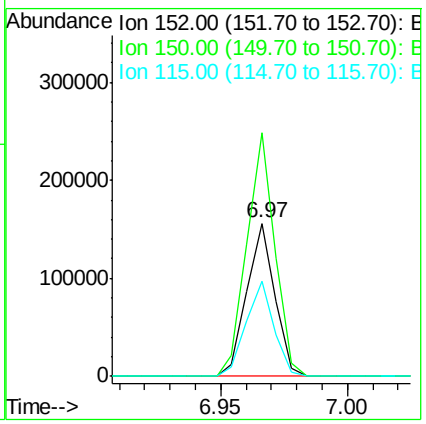


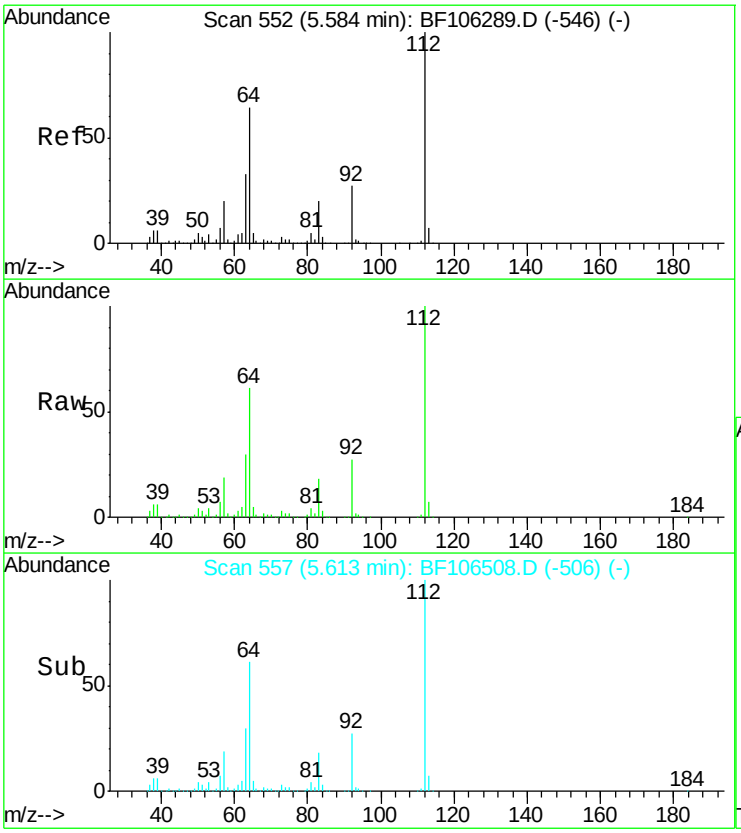
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106508.D
Acq: 15 Jun 2018 22:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 120374

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	61.9	50.1	75.1

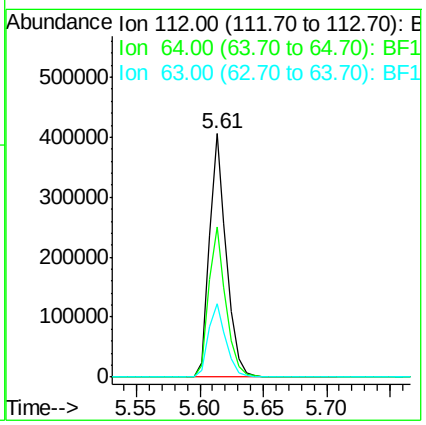


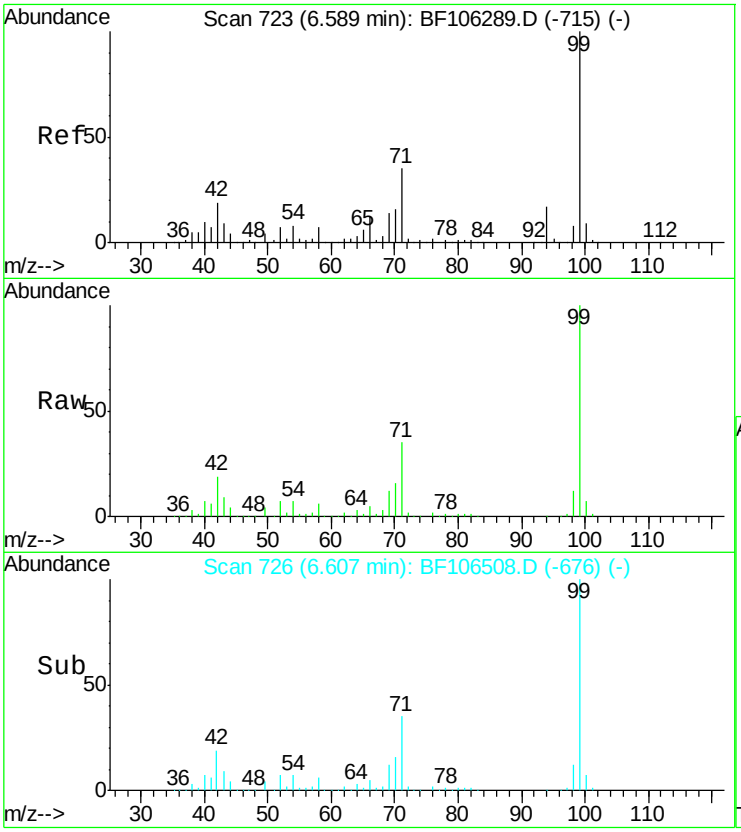


#5
2-Fluorophenol
Concen: 53.553 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106508.D
Acq: 15 Jun 2018 22:31

Tgt Ion:112 Resp: 380882

Ion	Ratio	Lower	Upper
112	100		
64	61.5	47.9	71.9
63	30.1	23.7	35.5



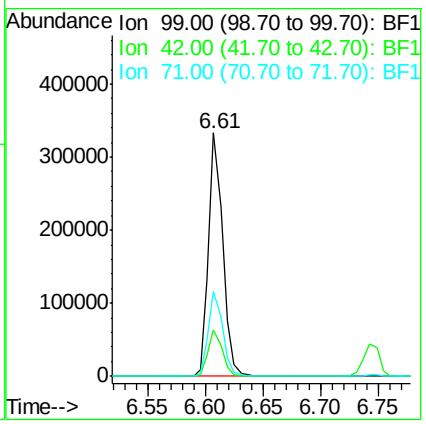


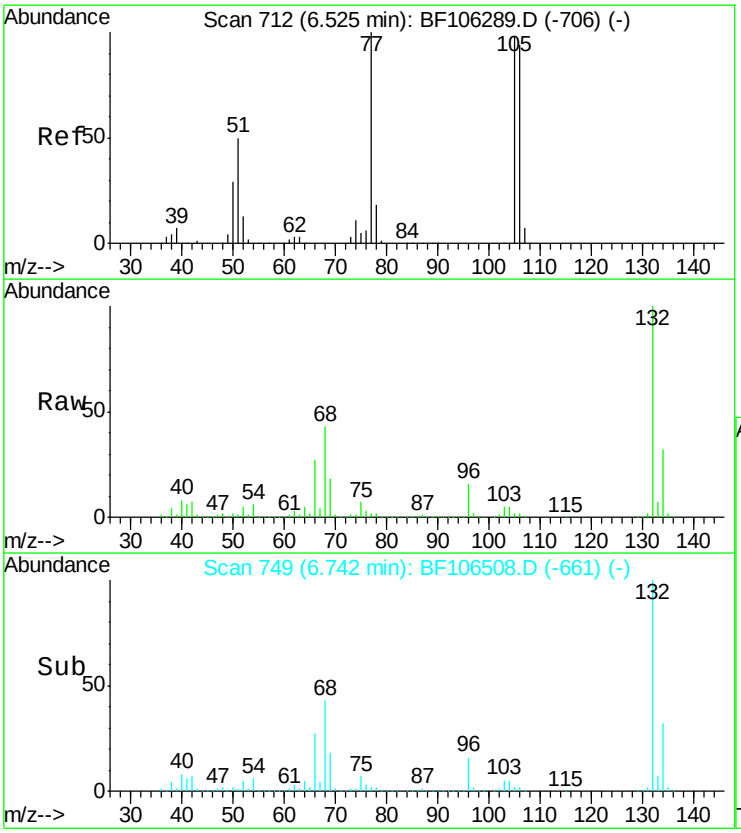
#7
Phenol-d6
Concen: 31.960 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF106508.D
Acq: 15 Jun 2018 22:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 99 Resp: 287179

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	34.7	25.4	38.0

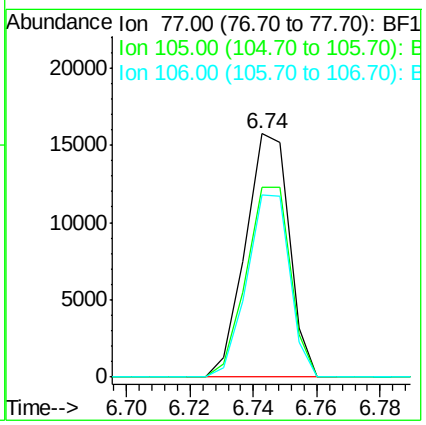


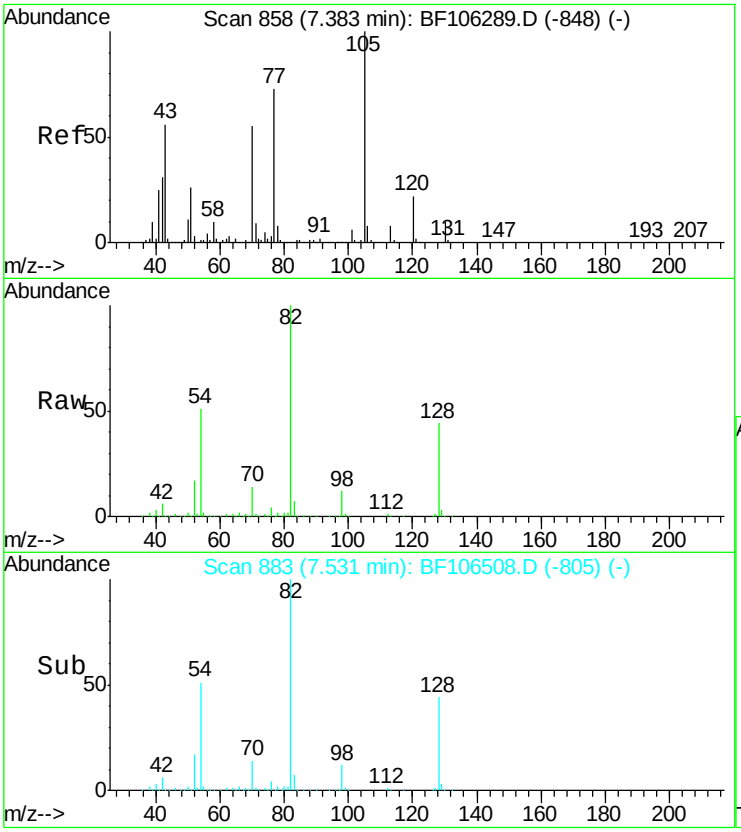


#9
Benzaldehyde
Concen: 2.219 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.22 min
Lab File: BF106508.D
Acq: 15 Jun 2018 22:31

Tgt Ion: 77 Resp: 15122

Ion	Ratio	Lower	Upper
77	100		
105	78.2	81.1	121.1#
106	75.0	74.5	114.5



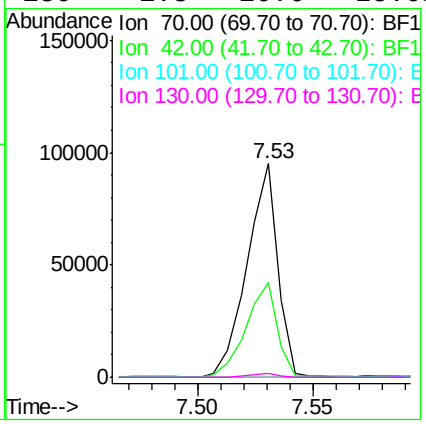


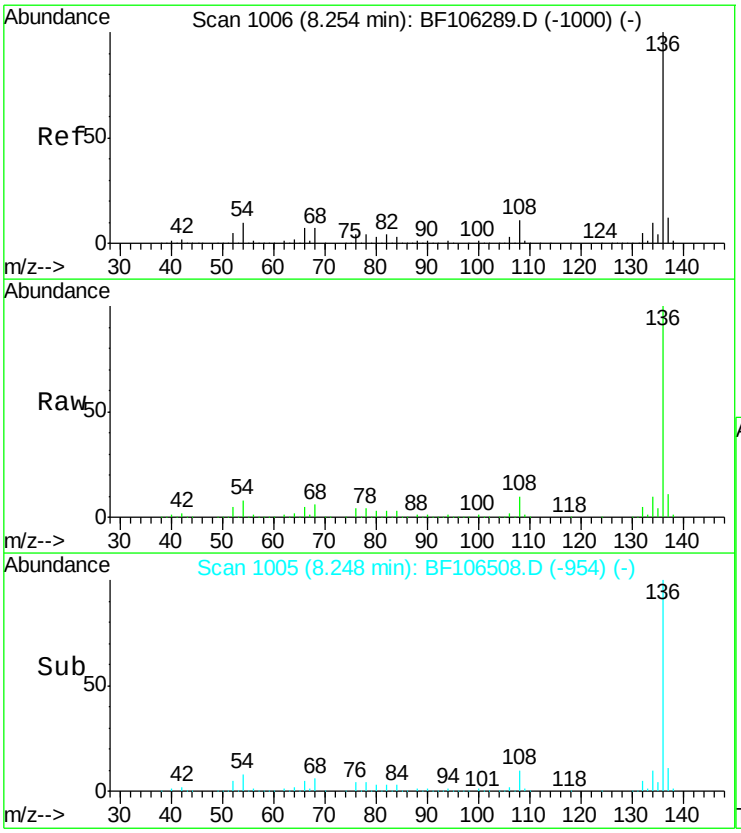
#19
n-Nitroso-di-n-propylamine
Concen: 13.151 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106508.D
Acq: 15 Jun 2018 22:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 70 Resp: 88652

Ion	Ratio	Lower	Upper
70	100		
42	44.4	47.5	71.3#
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#

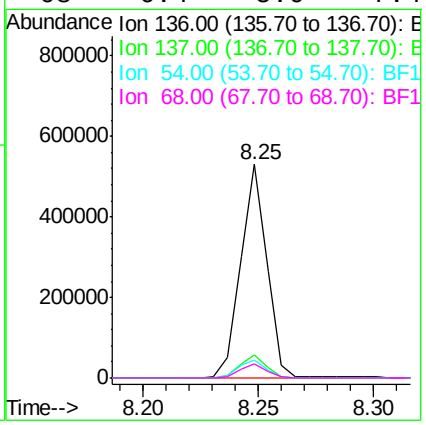


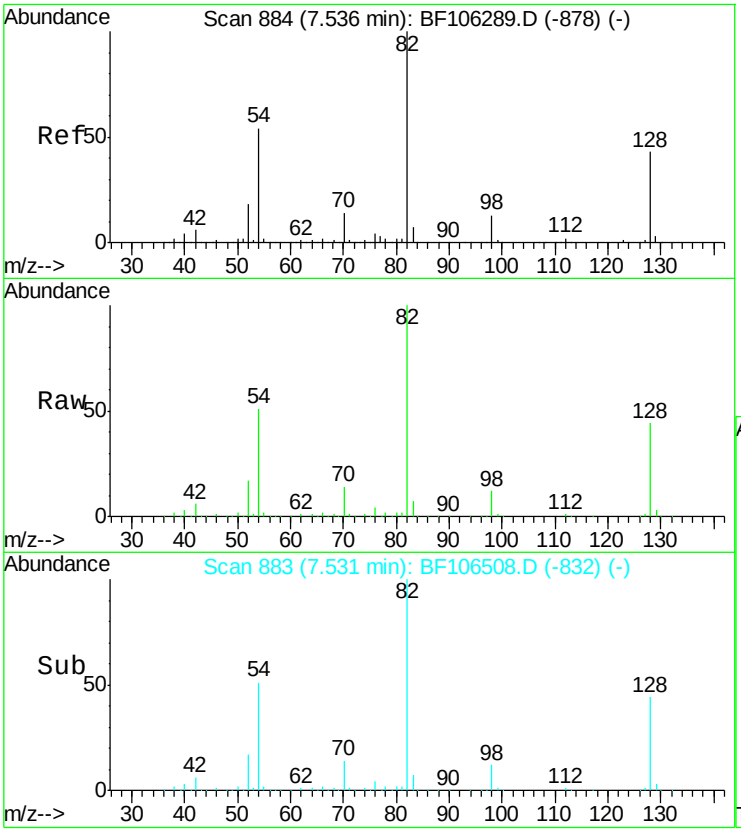


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106508.D
Acq: 15 Jun 2018 22:31

Tgt Ion:136 Resp: 422256

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.5	6.6	9.8
68	6.4	5.0	7.4



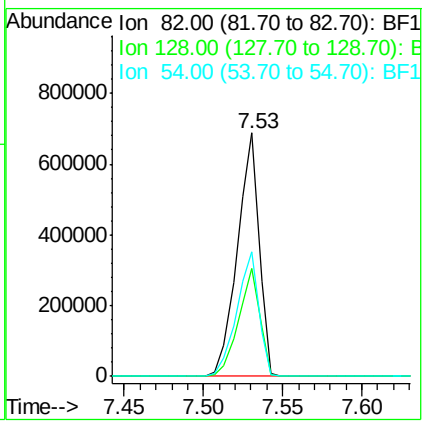


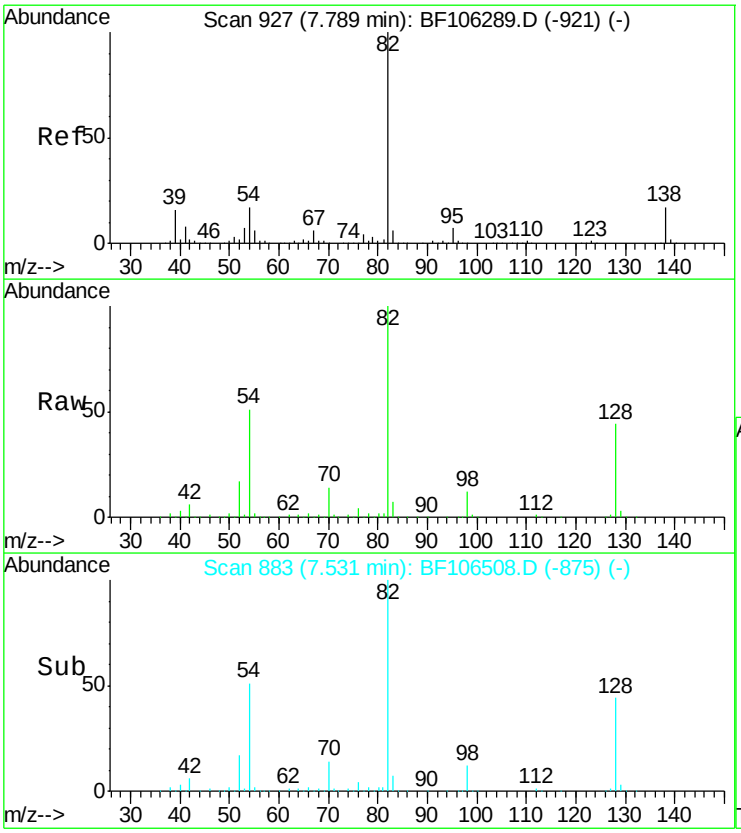
#23
Nitrobenzene-d5
Concen: 91.102 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106508.D
Acq: 15 Jun 2018 22:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 82 Resp: 653907

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	51.3	41.4	62.2

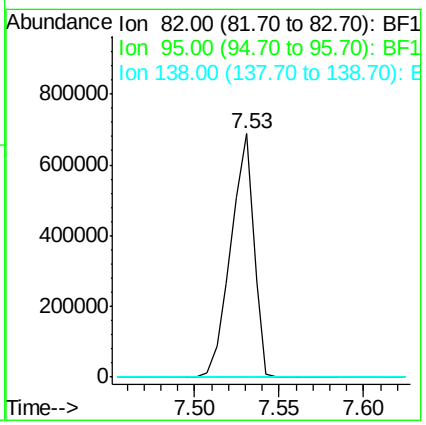


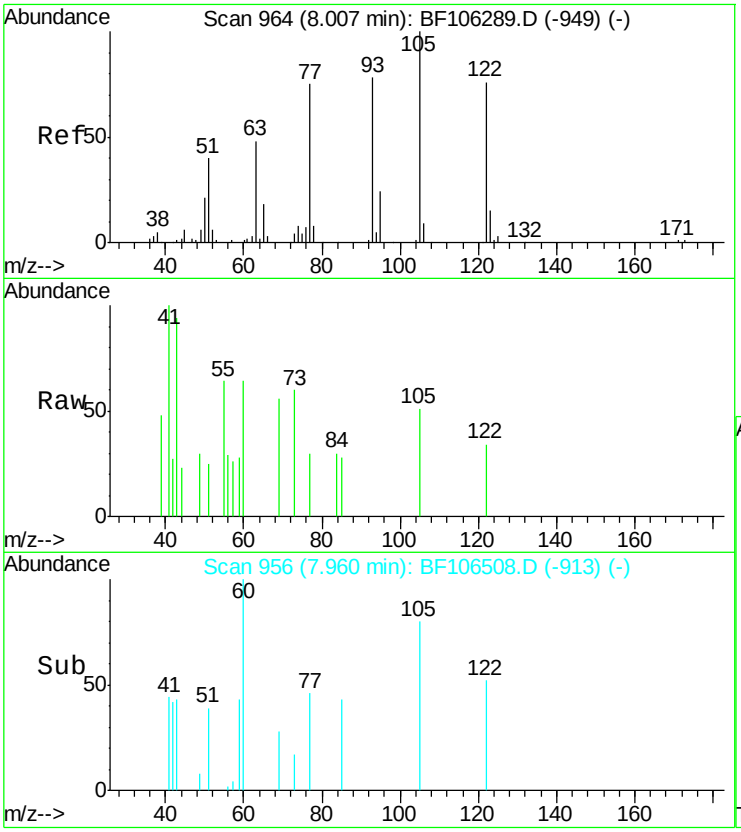


#25
Isophorone
Concen: 46.641 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF106508.D
Acq: 15 Jun 2018 22:31

Tgt Ion: 82 Resp: 653891

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



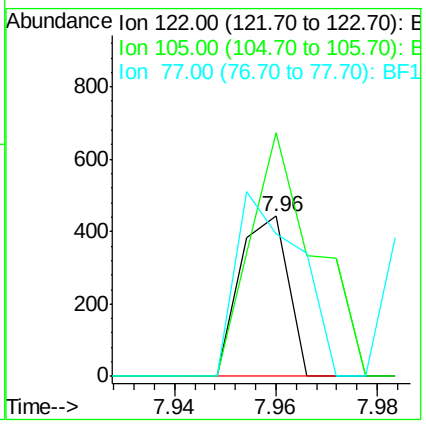


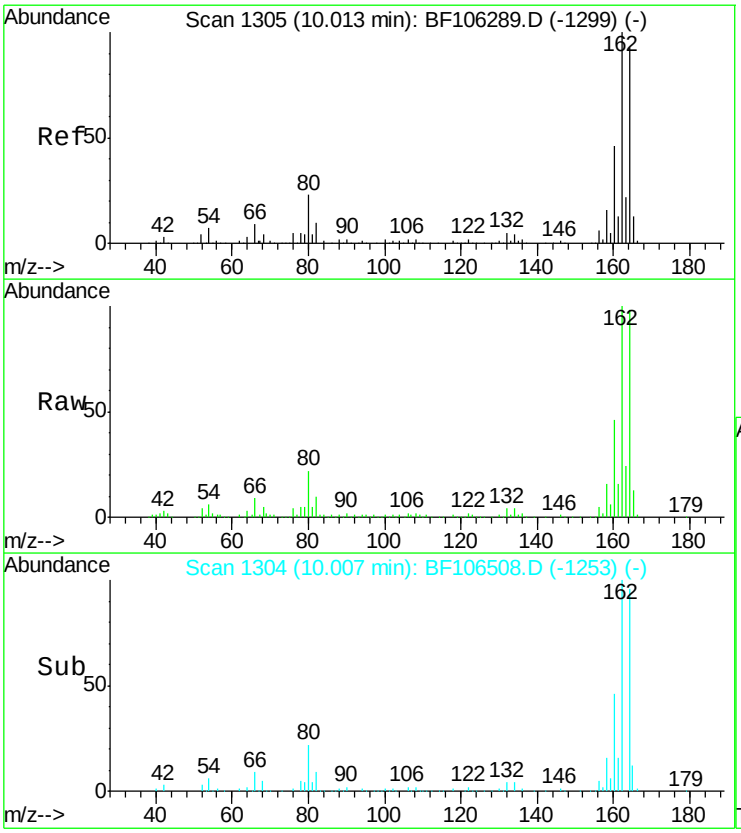
#32
Benzoic acid
Concen: 7.345 ng
RT: 7.96 min Scan# 956
Delta R.T. -0.05 min
Lab File: BF106508.D
Acq: 15 Jun 2018 22:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:122 Resp: 292

Ion	Ratio	Lower	Upper
122	100		
105	152.3	101.1	141.1#
77	88.9	70.7	110.7

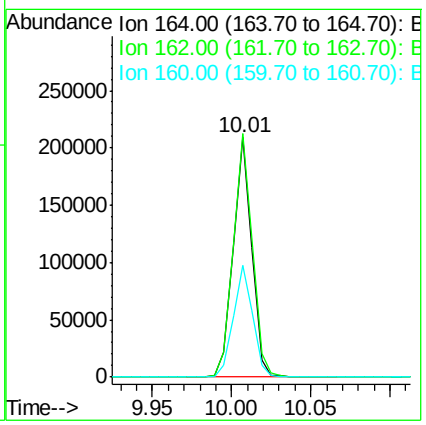


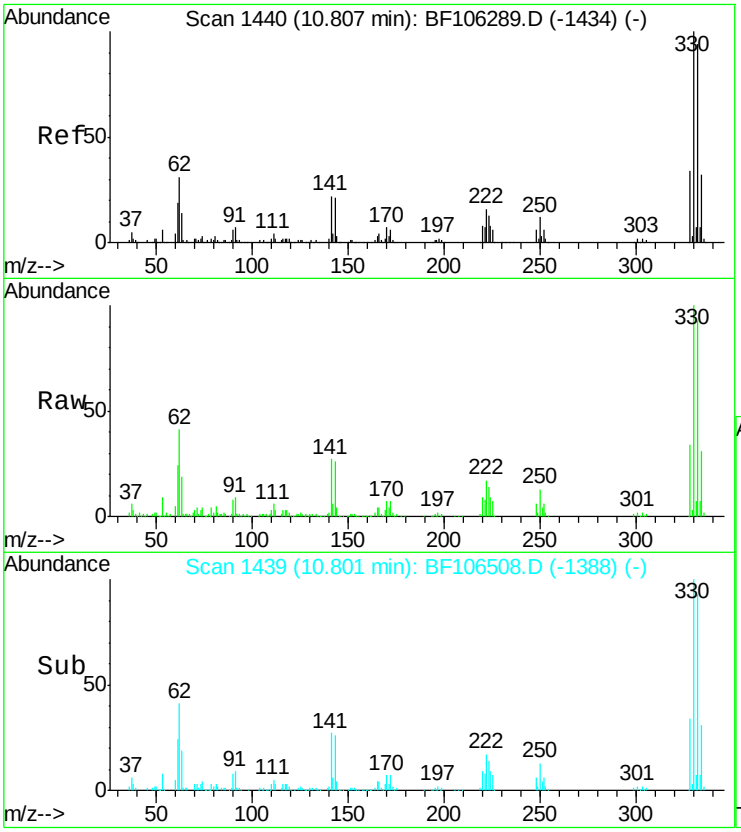


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106508.D
Acq: 15 Jun 2018 22:31

Tgt Ion:164 Resp: 170440

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	46.6	38.3	57.5



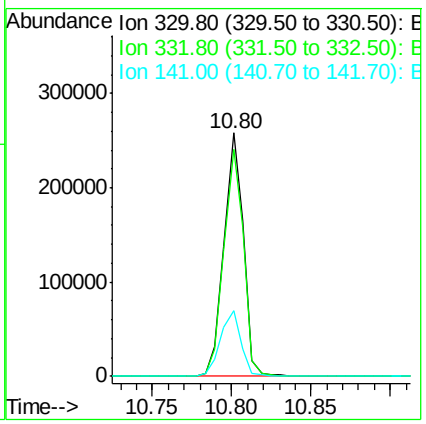


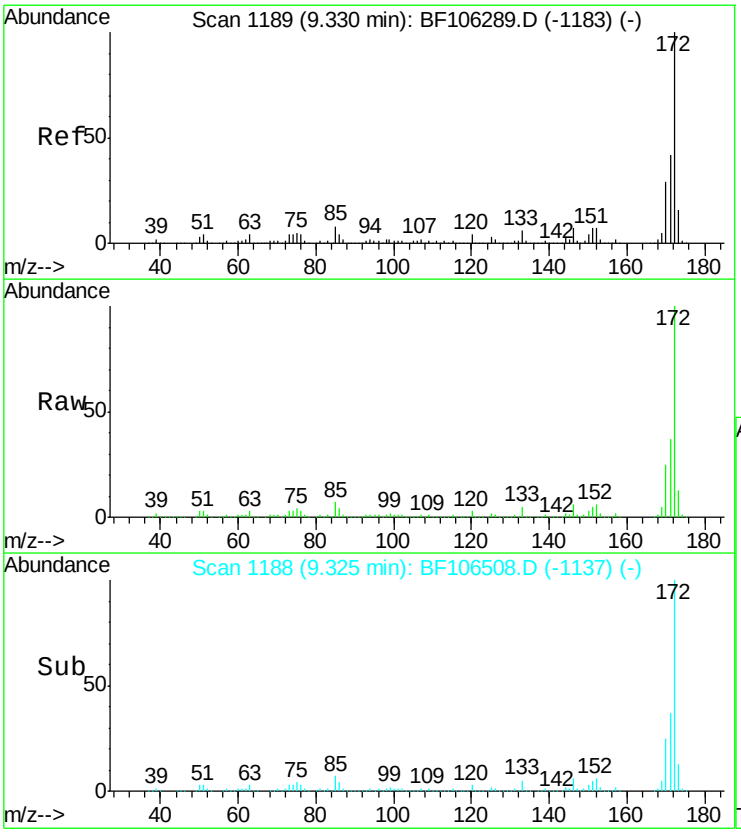
#41
2,4,6-Tribromophenol
Concen: 133.400 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF106508.D
Acq: 15 Jun 2018 22:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:330 Resp: 218767

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	28.8	29.9	44.9#

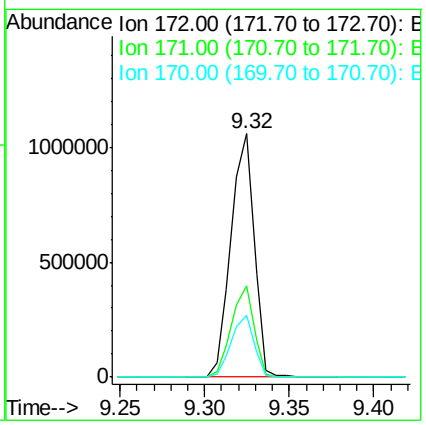


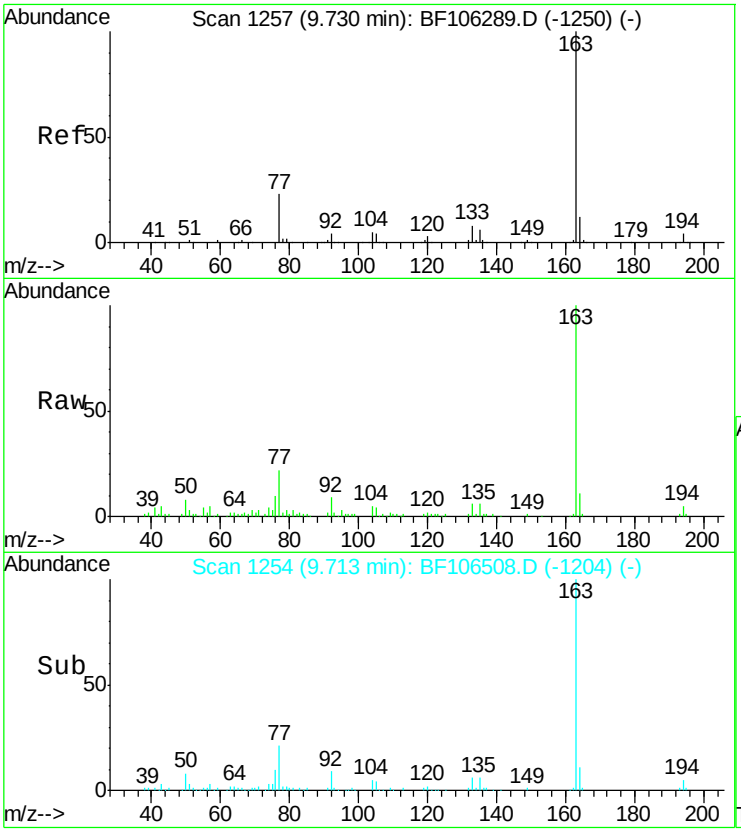


#44
2-Fluorobiphenyl
Concen: 120.034 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106508.D
Acq: 15 Jun 2018 22:31

Tgt Ion:172 Resp: 1016518

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	25.3	19.6	29.4



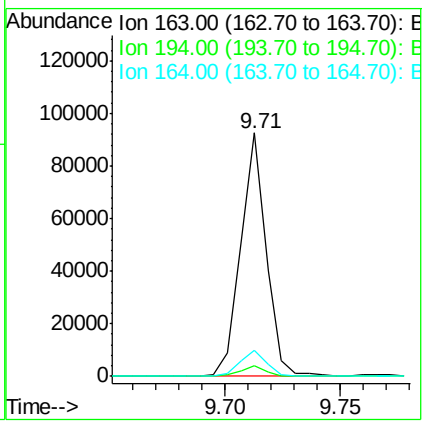


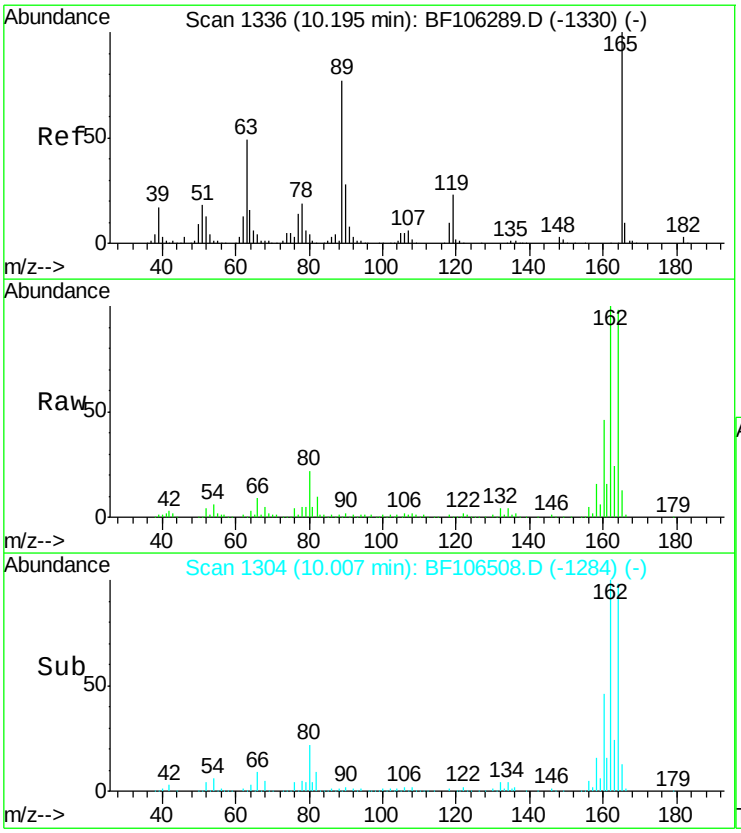
#49
Dimethylphthalate
Concen: 5.906 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106508.D
Acq: 15 Jun 2018 22:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:163 Resp: 71921

Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	10.7	8.2	12.2

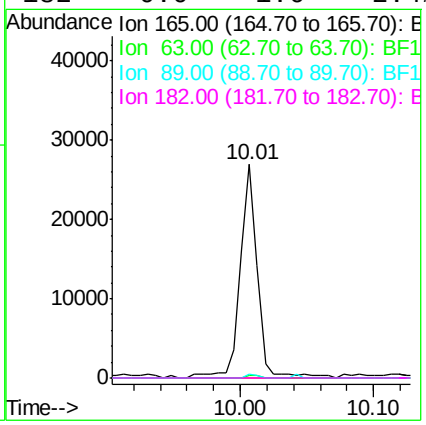


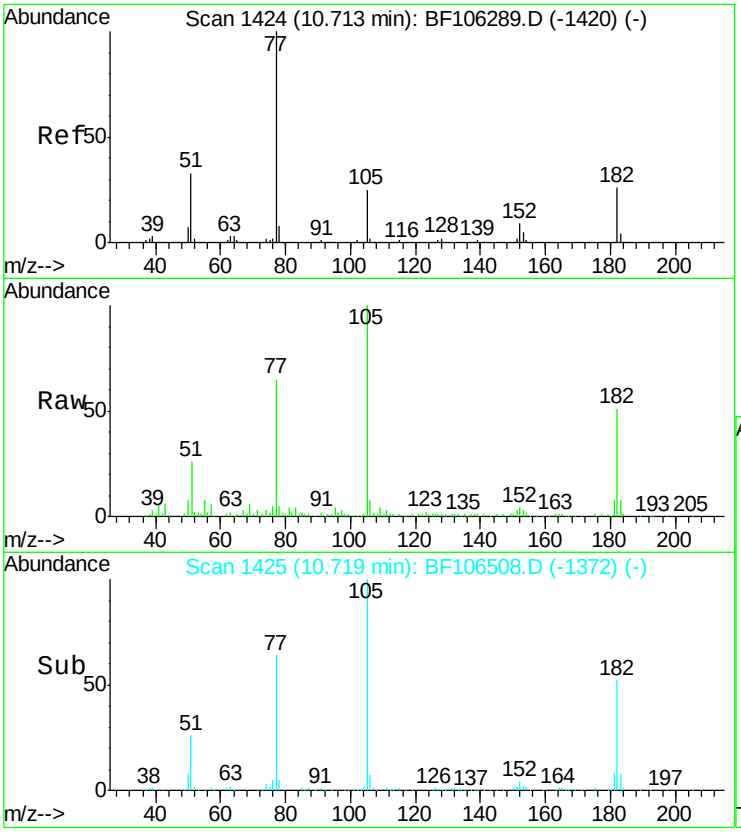


#56
2,4-Dinitrotoluene
Concen: 7.780 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106508.D
Acq: 15 Jun 2018 22:31

Tgt Ion:165 Resp: 24301

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



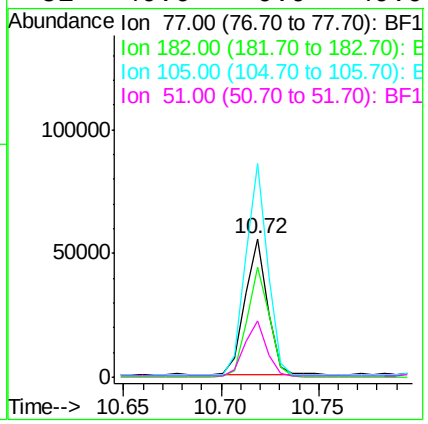


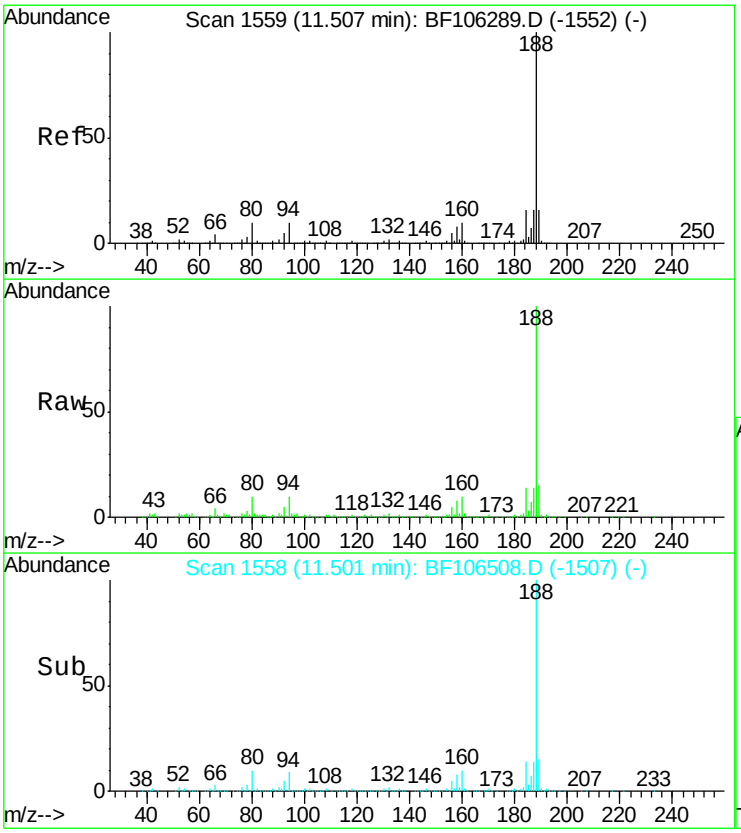
#62
Azobenzene
Concen: 3.526 ng
RT: 10.72 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF106508.D
Acq: 15 Jun 2018 22:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 77 Resp: 44441

Ion	Ratio	Lower	Upper
77	100		
182	79.4	1.7	41.7#
105	154.2	3.0	43.0#
51	40.6	9.9	49.9

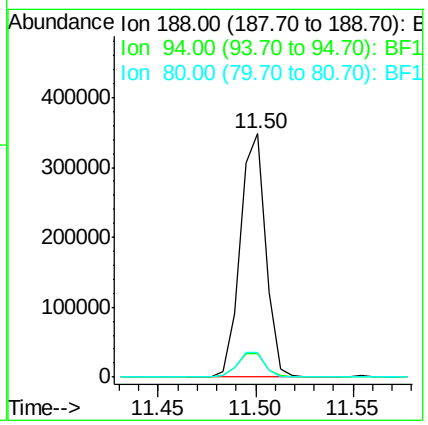


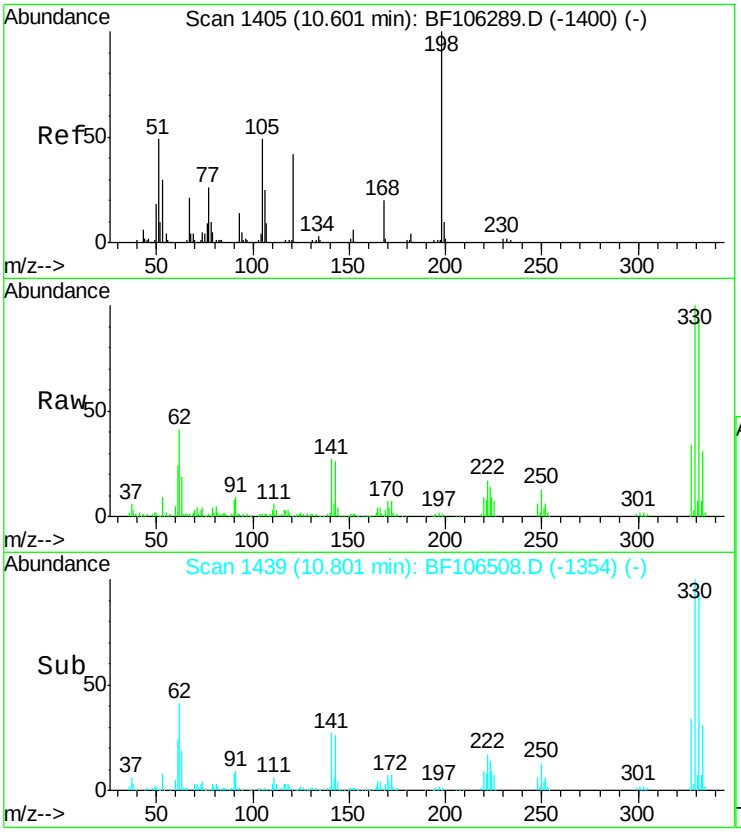


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106508.D
Acq: 15 Jun 2018 22:31

Tgt Ion:188 Resp: 314559

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.1	9.2	13.8



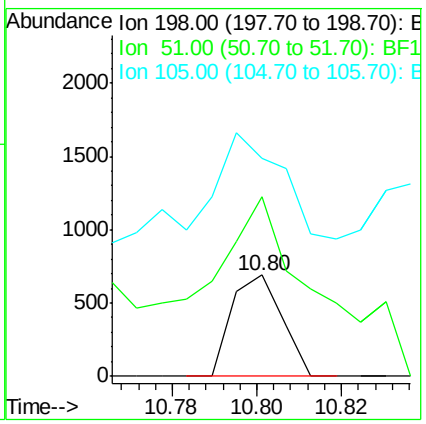


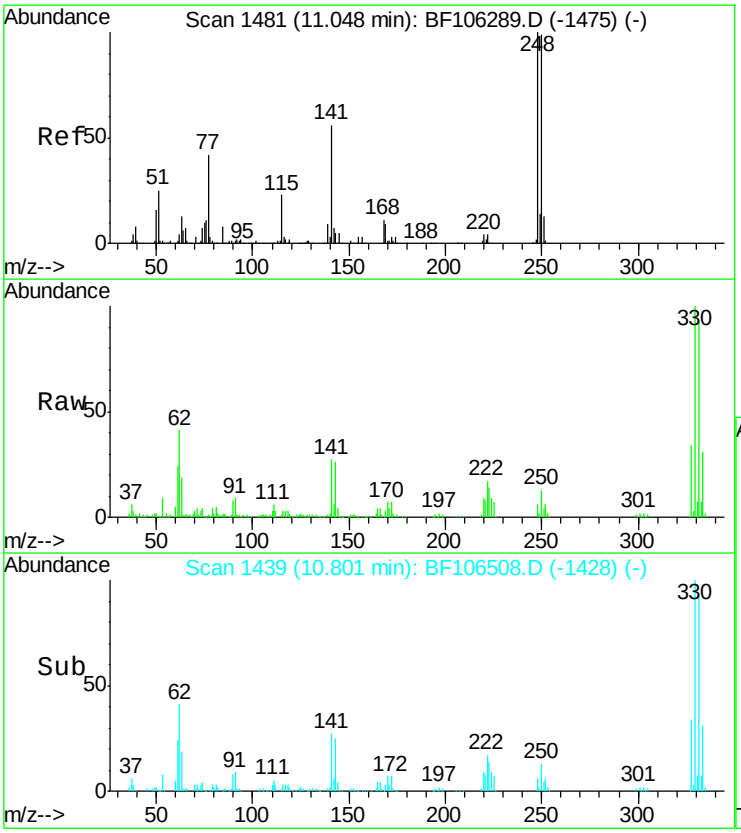
#64
4,6-Dinitro-2-methylphenol
Concen: 6.585 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF106508.D
Acq: 15 Jun 2018 22:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:198 Resp: 567

Ion	Ratio	Lower	Upper
198	100		
51	177.5	37.7	77.7#
105	215.4	36.3	76.3#

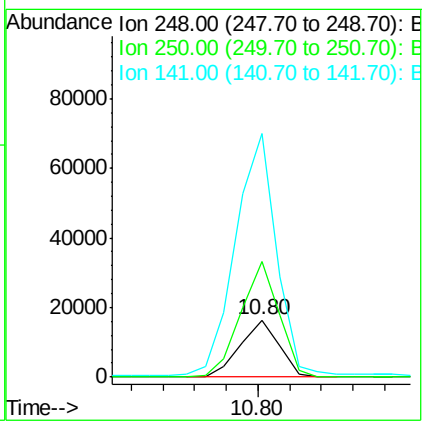


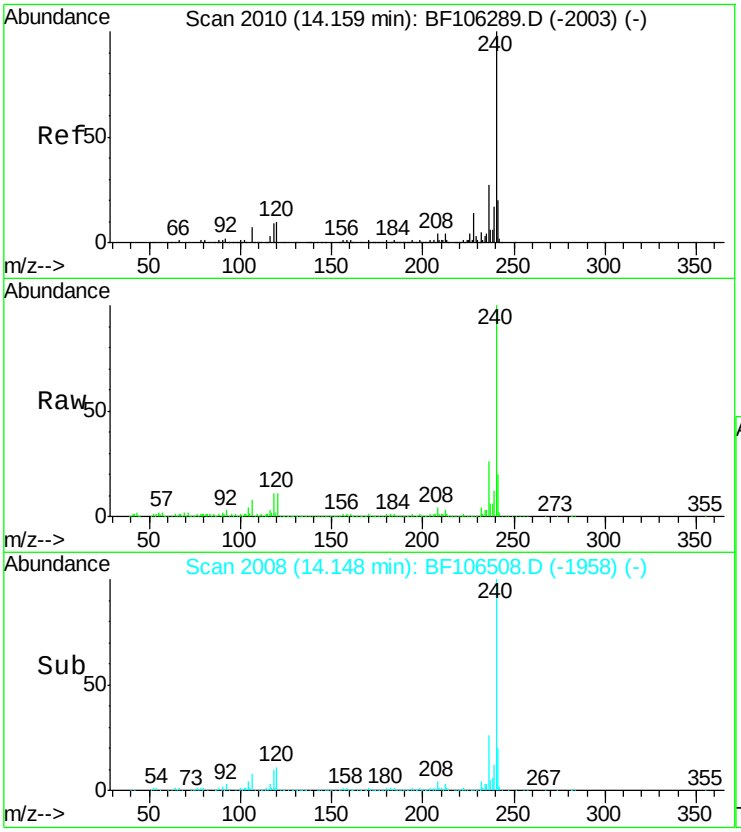


#66
4-Bromophenyl-phenylether
Concen: 3.880 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106508.D
Acq: 15 Jun 2018 22:31

Tgt Ion:248 Resp: 13881

Ion	Ratio	Lower	Upper
248	100		
250	203.2	76.9	115.3#
141	426.2	74.4	111.6#



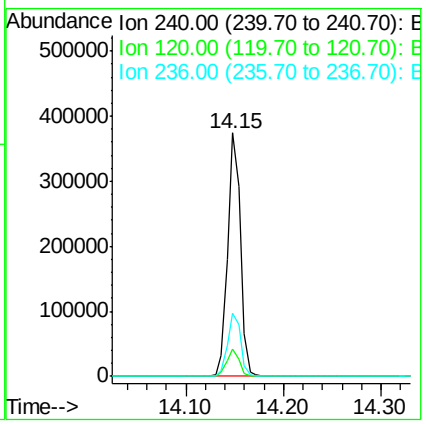


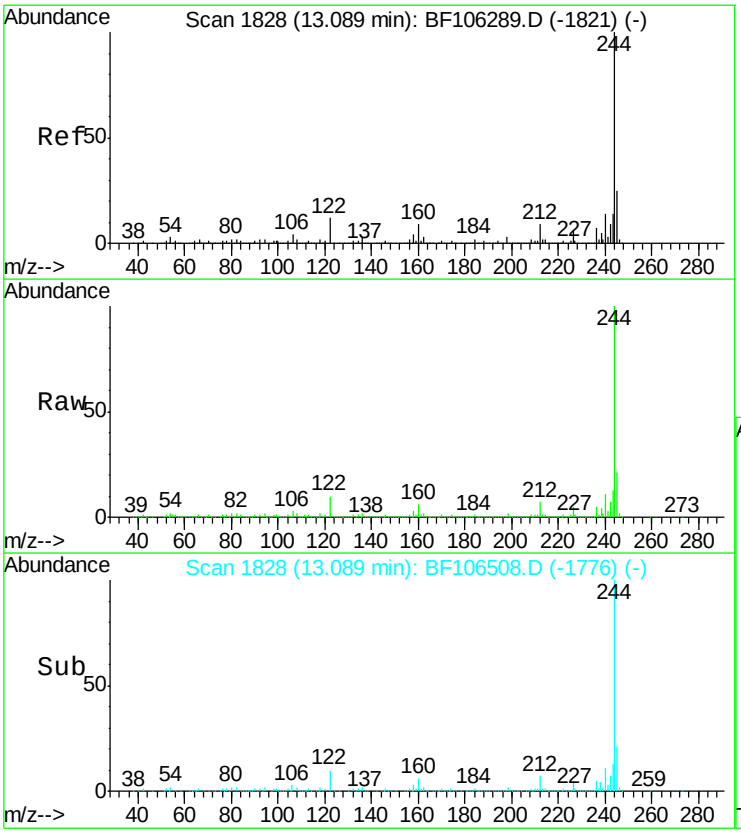
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106508.D
Acq: 15 Jun 2018 22:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:240 Resp: 339710

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.9	20.7	31.1

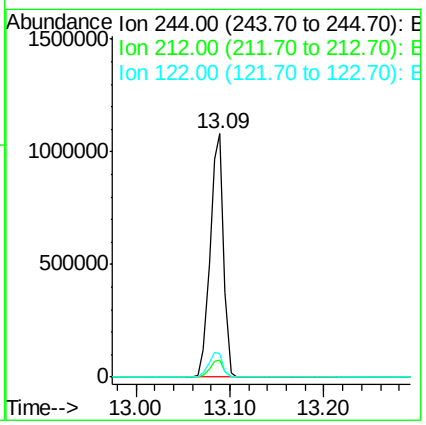


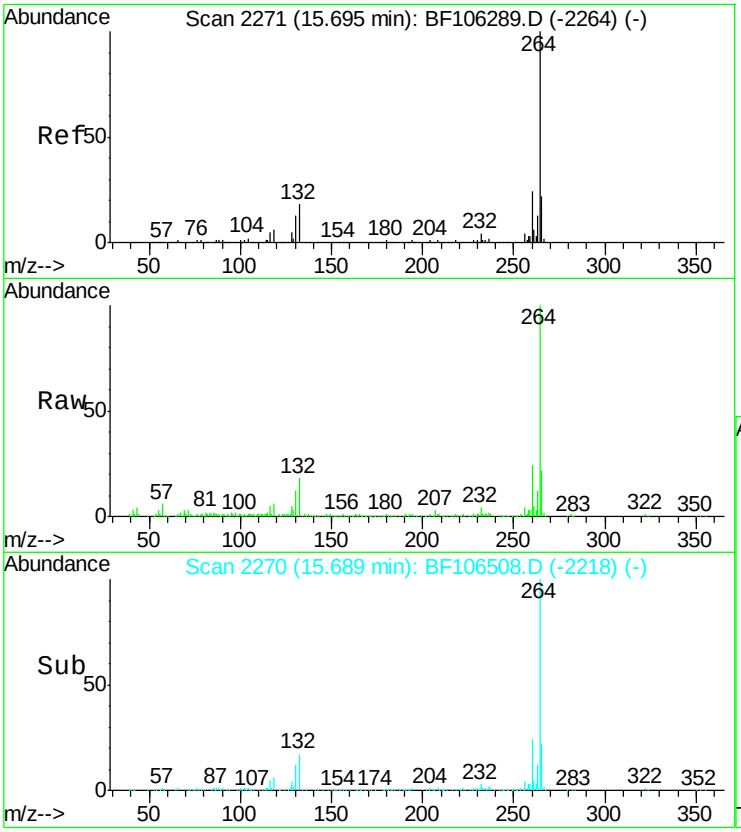


#78
Terphenyl-d14
Concen: 79.912 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF106508.D
Acq: 15 Jun 2018 22:31

Tgt Ion:244 Resp: 1092967

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	9.8	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: BF106508.D
Acq: 15 Jun 2018 22:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:264 Resp: 227441

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	17.5	26.3