Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
Data File : BF106550.D
Acq On : 18 Jun 2018 20:31
Operator : JU/SJ
Sample : J3538-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-T-4-STONE

Quant Time: Jun 19 01:09:07 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	101916	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	362144	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	141552	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	217454	20.00	ng		0.00
75) Chrysene-d12	14.15	240	258326	20.00	ng		0.00
86) Perylene-d12	15.68	264	233854	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	599992	99.64	ng		0.00
7) Phenol-d6	6.61	99	725066	95.31	ng		0.00
23) Nitrobenzene-d5	7.53	82	476792	77.45	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	134893	99.04	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	793107	108.15	ng		0.00
78) Terphenyl-d14	13.08	244	681228	65.50	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	13974	2.422	ng		82
19) n-Nitroso-di-n-propylamine	7.53	70	62617	10.971	ng	#	76
25) Isophorone	7.53	82	476784	39.653	ng	#	64
49) Dimethylphthalate	9.71	163	49265	4.871	ng		99
50) 2,6-Dinitrotoluene	10.01	165	17346	8.397	ng	#	24
56) 2,4-Dinitrotoluene	10.01	165	17346	6.687	ng	#	21
64) 4,6-Dinitro-2-methylphenol	10.80	198	289	6.509	ng	#	28
66) 4-Bromophenyl-phenylether	10.79	248	8773	3.547	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
Data File : BF106550.D
Acq On : 18 Jun 2018 20:31
Operator : JU/SJ
Sample : J3538-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-T-4-STONE

Quant Time: Jun 19 01:09:07 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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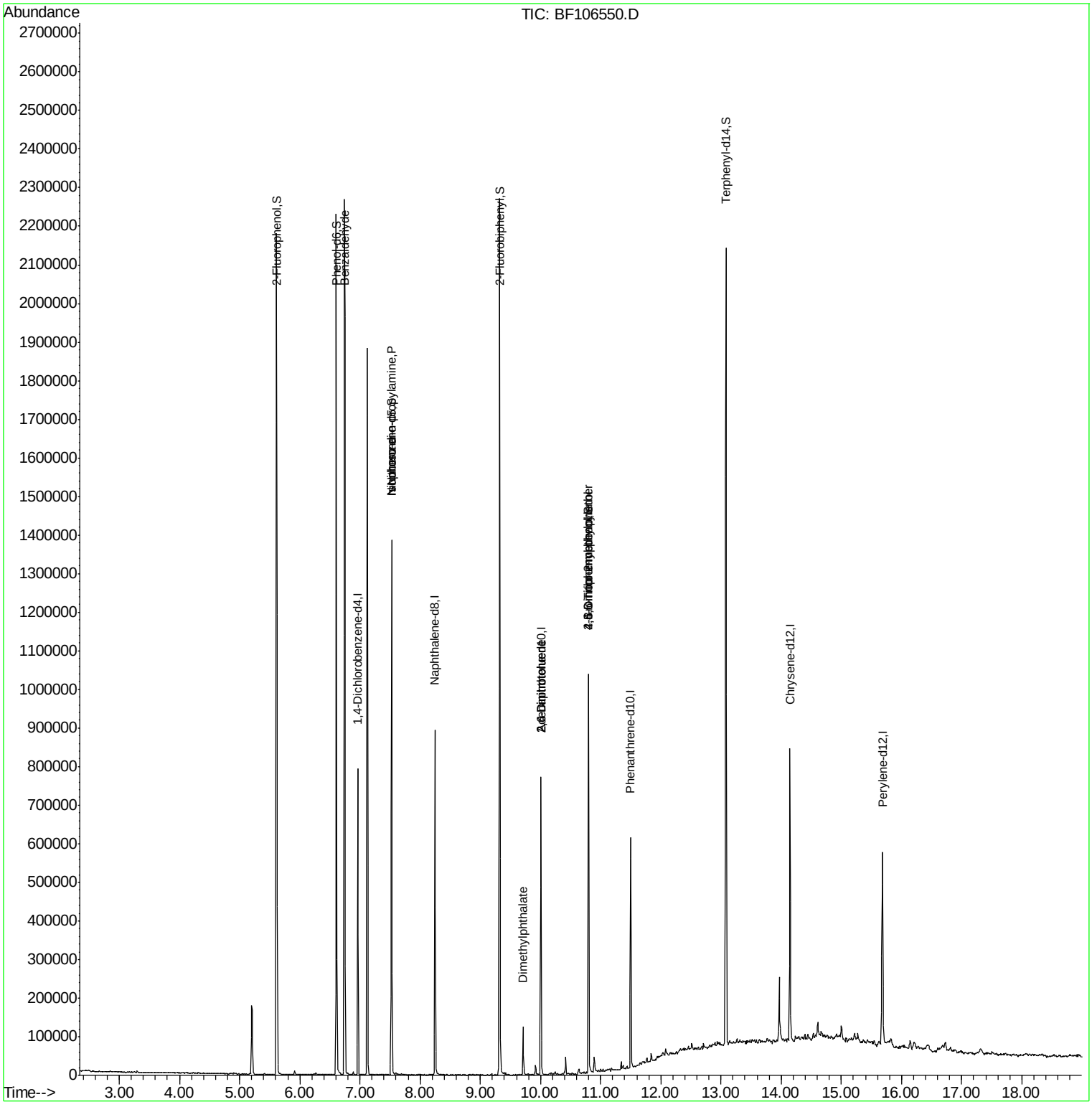
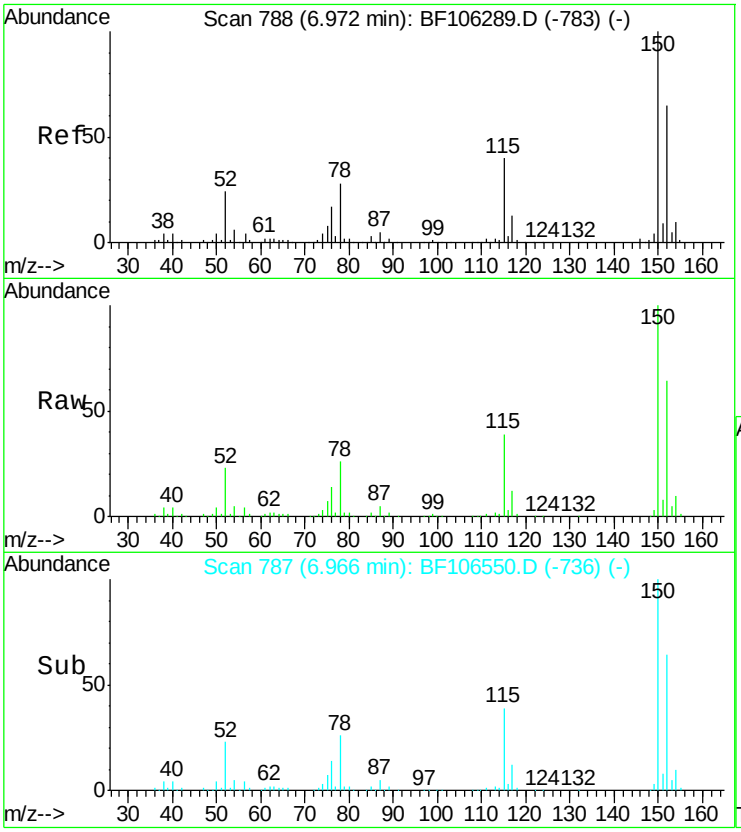


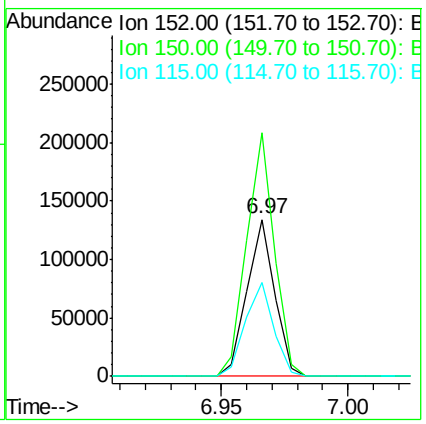


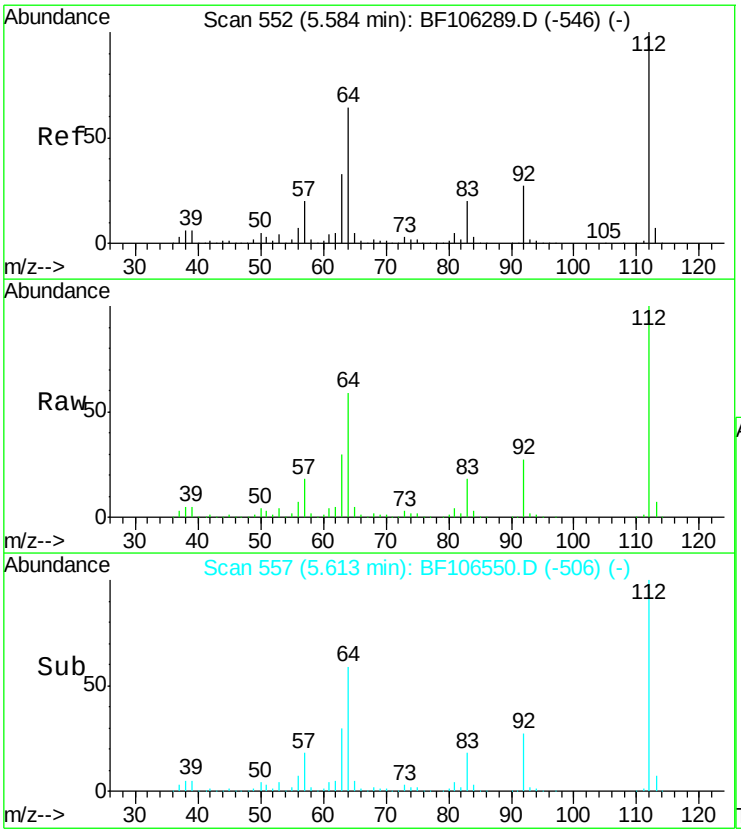
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106550.D
Acq: 18 Jun 2018 20:31

Instrument :
BNA_F
ClientSampleId :
SS-T-4-STONE

Tgt Ion:152 Resp: 101916

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	59.9	50.1	75.1

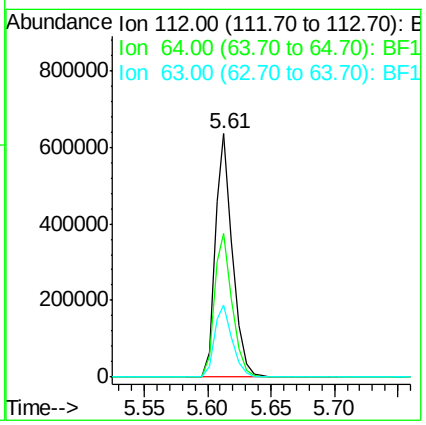


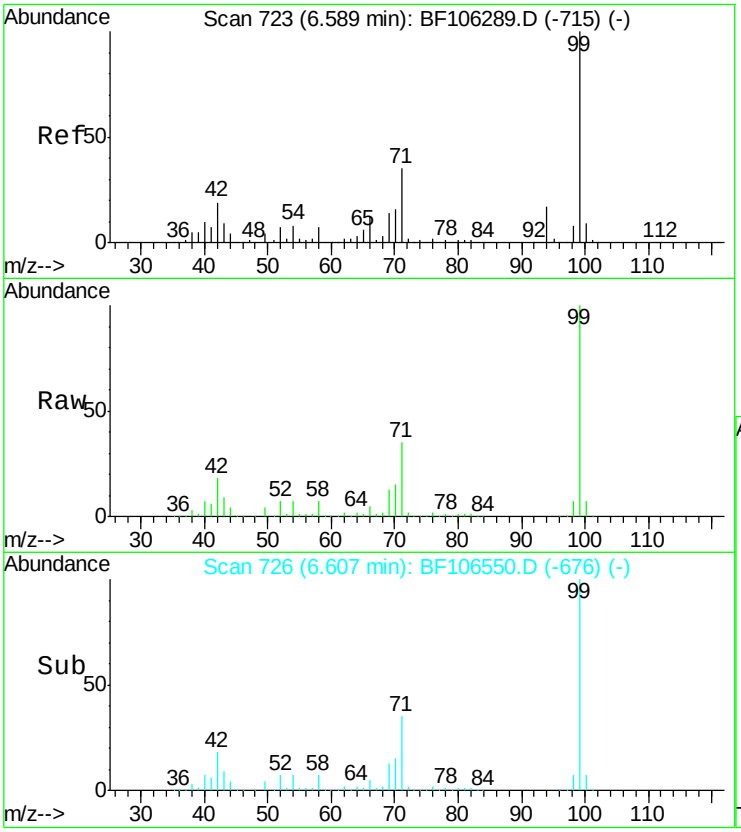


#5
2-Fluorophenol
Concen: 99.639 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106550.D
Acq: 18 Jun 2018 20:31

Tgt Ion:112 Resp: 599992

Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	29.6	23.7	35.5



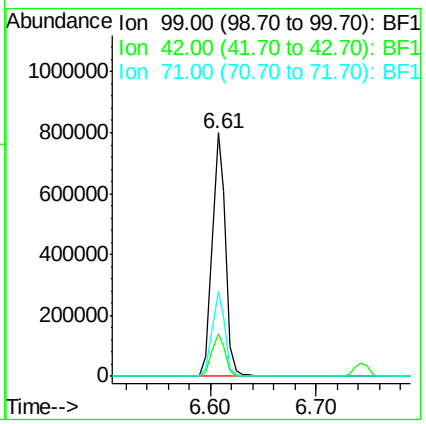


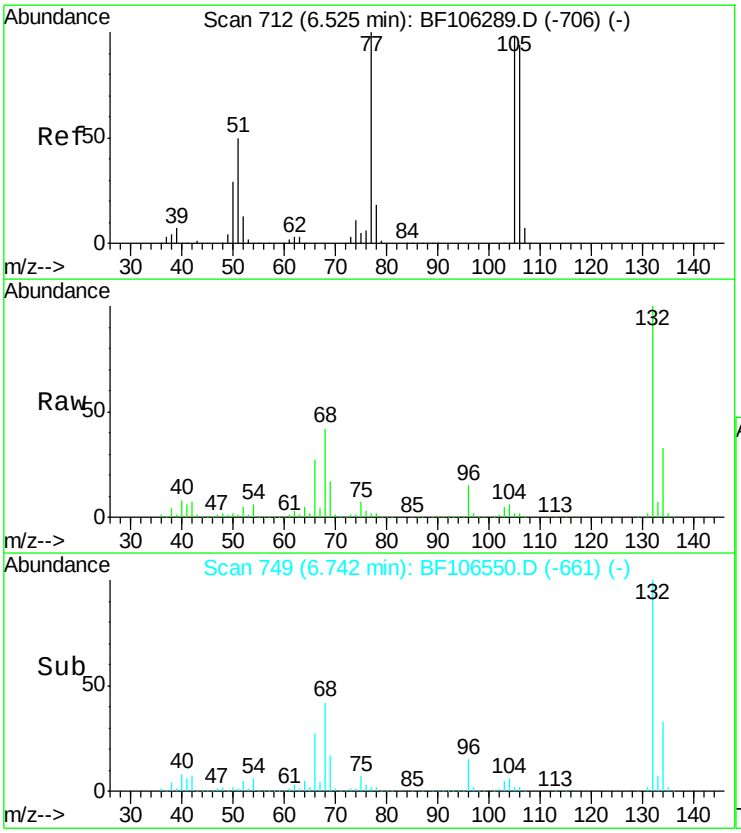
#7
Phenol-d6
Concen: 95.306 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF106550.D
Acq: 18 Jun 2018 20:31

Instrument :
BNA_F
ClientSampleId :
SS-T-4-STONE

Tgt Ion: 99 Resp: 725066

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.5	21.7
71	35.0	25.4	38.0

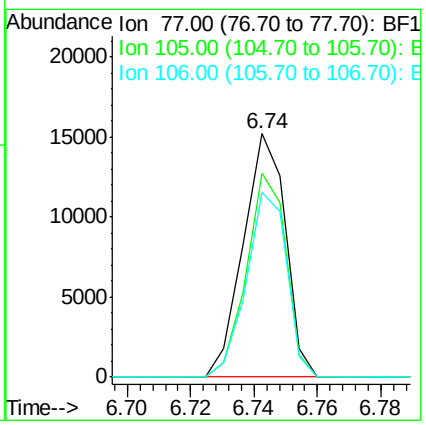


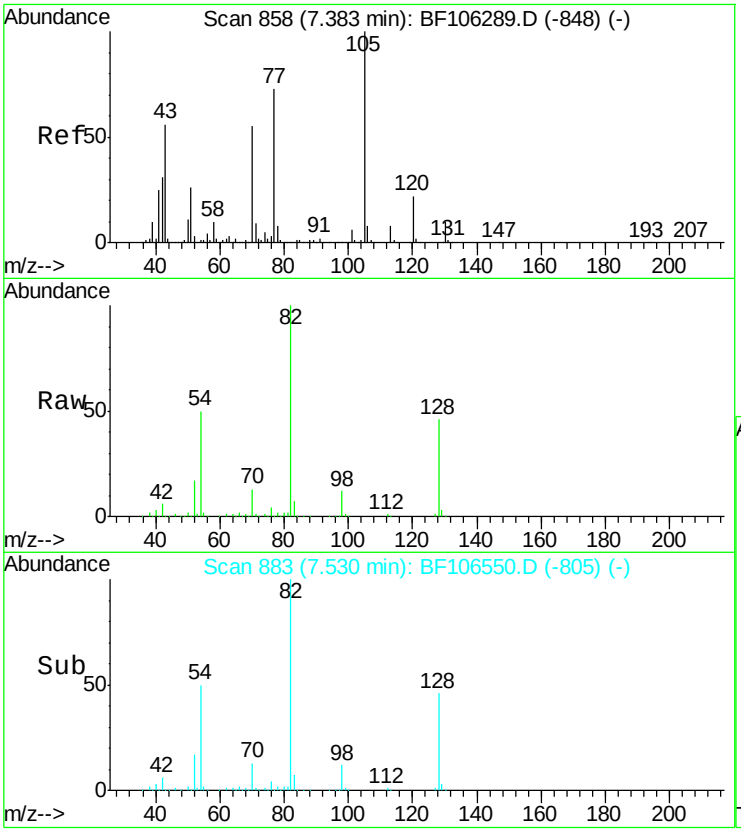


#9
Benzaldehyde
Concen: 2.422 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.22 min
Lab File: BF106550.D
Acq: 18 Jun 2018 20:31

Tgt Ion: 77 Resp: 13974

Ion	Ratio	Lower	Upper
77	100		
105	83.5	81.1	121.1
106	75.7	74.5	114.5



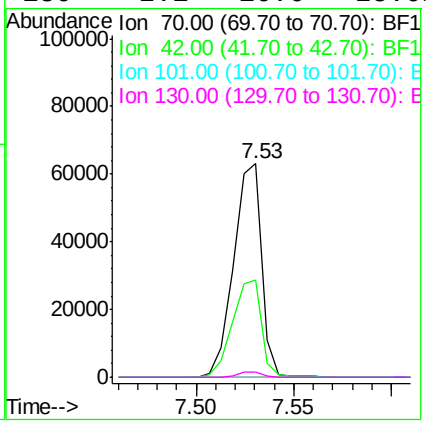


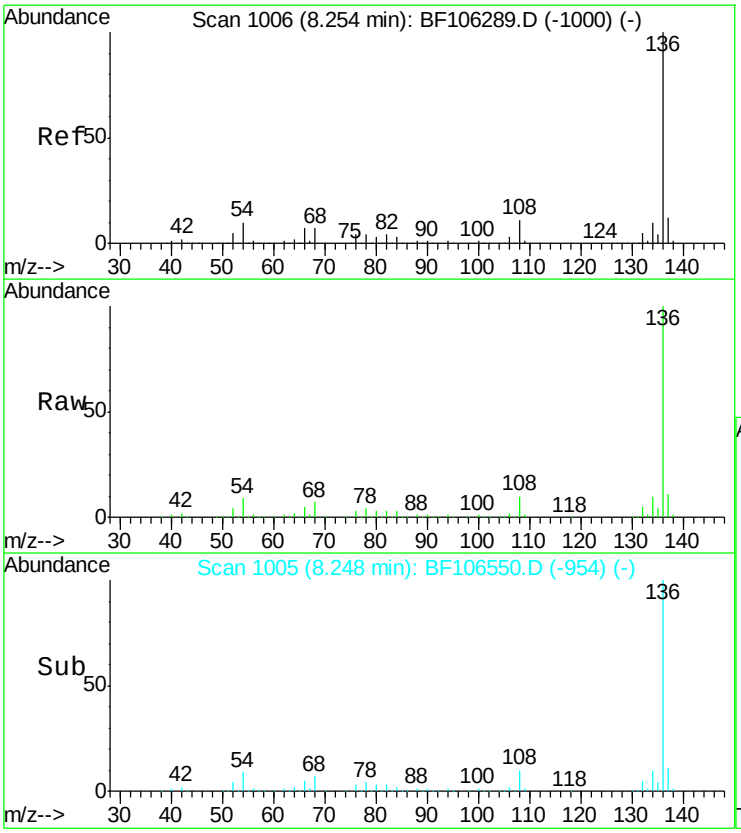
#19
n-Nitroso-di-n-propylamine
Concen: 10.971 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106550.D
Acq: 18 Jun 2018 20:31

Instrument :
BNA_F
ClientSampleId :
SS-T-4-STONE

Tgt Ion: 70 Resp: 62617

Ion	Ratio	Lower	Upper
70	100		
42	45.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

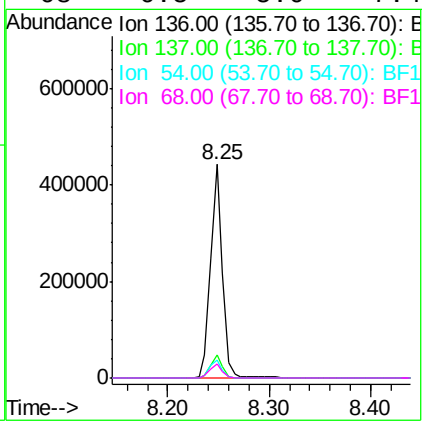


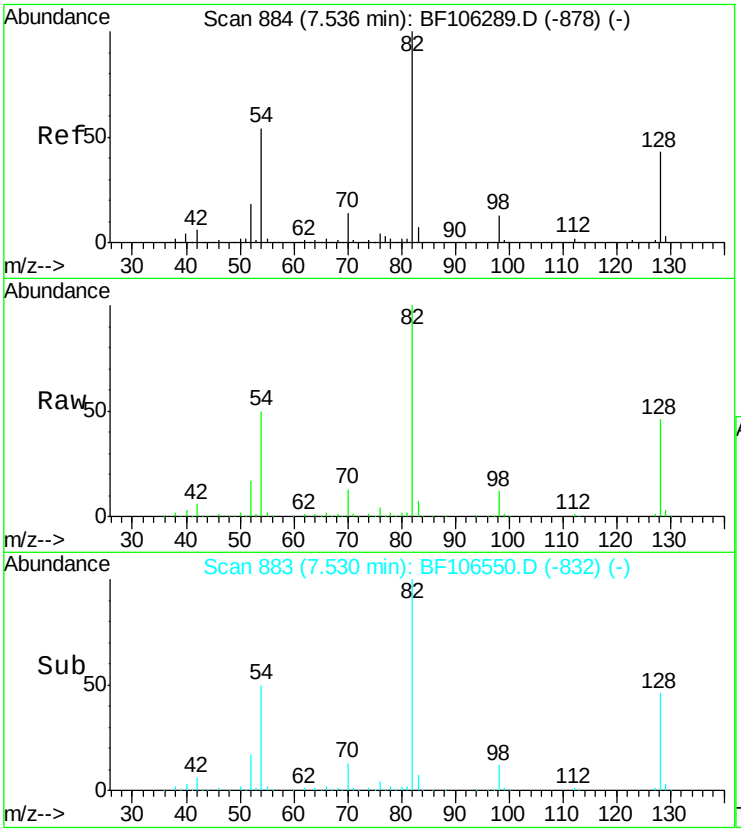


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF106550.D
Acq: 18 Jun 2018 20:31

Tgt Ion:136 Resp: 362144

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.7	6.6	9.8
68	6.5	5.0	7.4



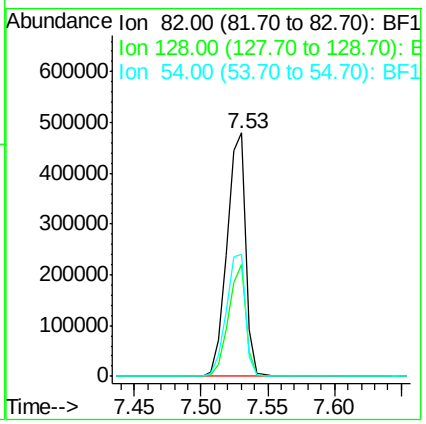


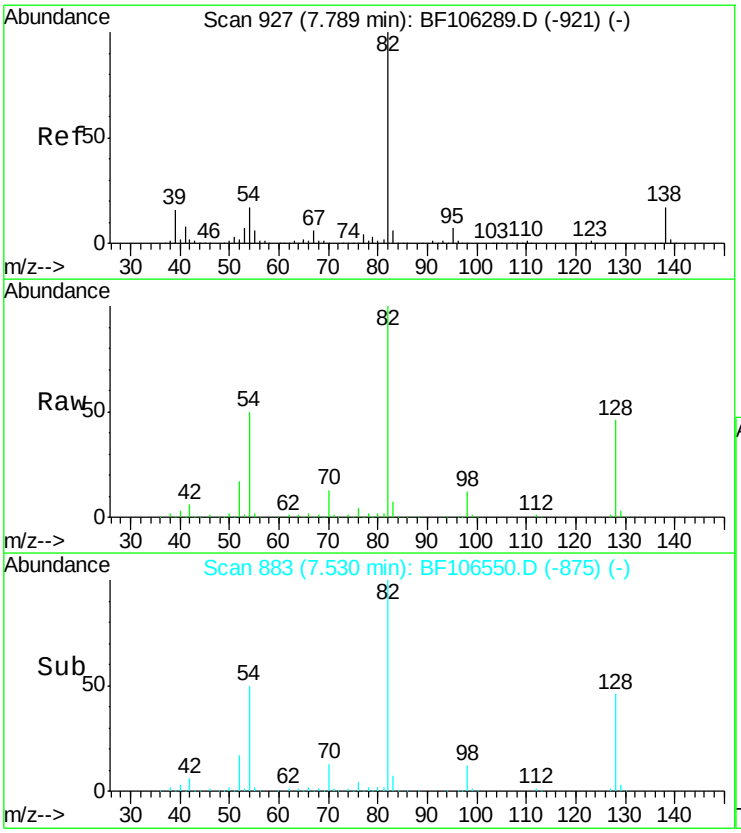
#23
Nitrobenzene-d5
Concen: 77.453 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF106550.D
Acq: 18 Jun 2018 20:31

Instrument :
BNA_F
ClientSampleId :
SS-T-4-STONE

Tgt Ion: 82 Resp: 476792

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	50.2	41.4	62.2

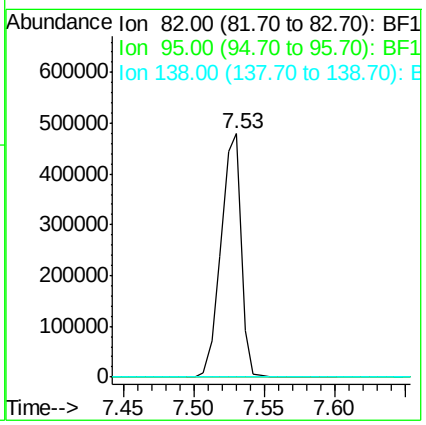


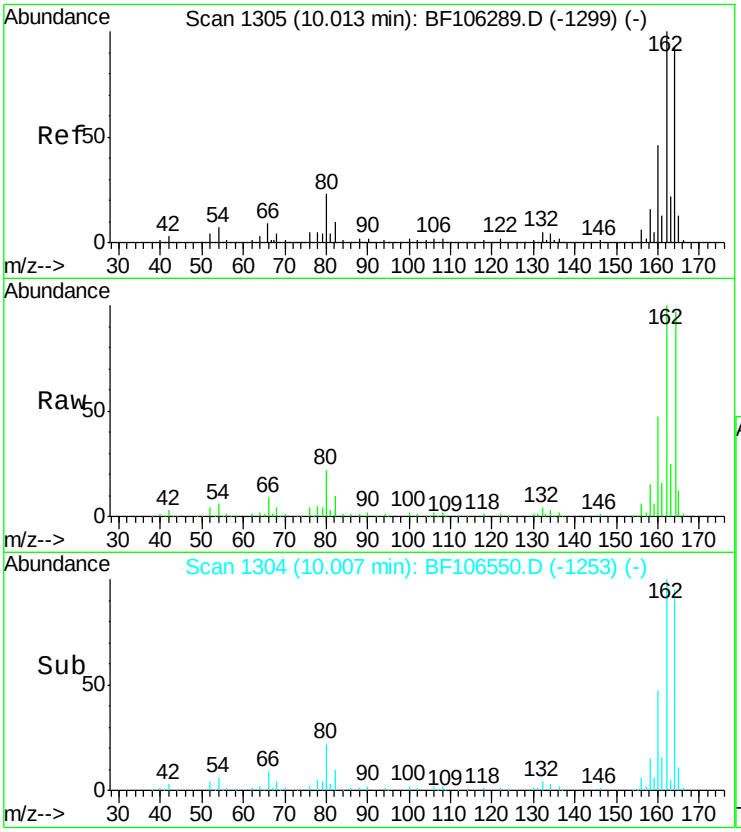


#25
Isophorone
Concen: 39.653 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF106550.D
Acq: 18 Jun 2018 20:31

Tgt Ion: 82 Resp: 476784

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



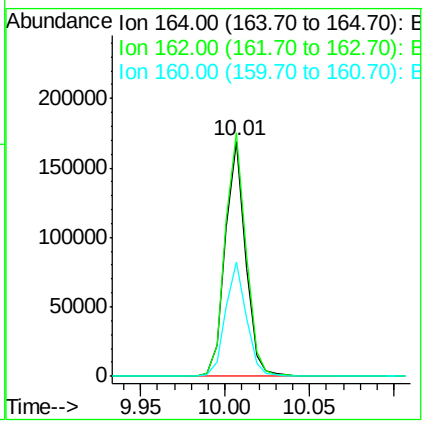


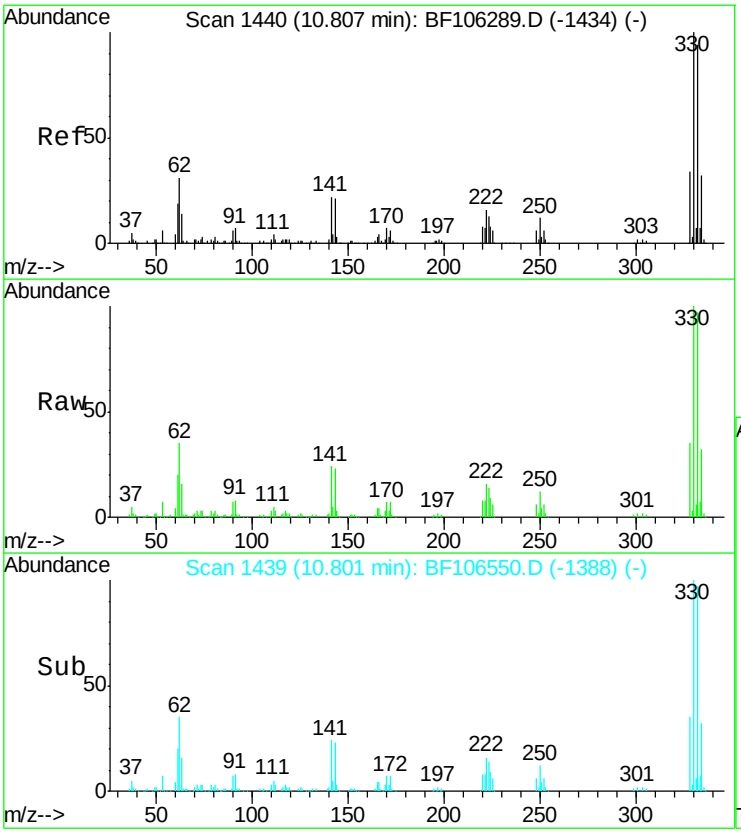
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF106550.D
Acq: 18 Jun 2018 20:31

Instrument :
BNA_F
ClientSampleId :
SS-T-4-STONE

Tgt Ion:164 Resp: 141552

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	48.8	38.3	57.5

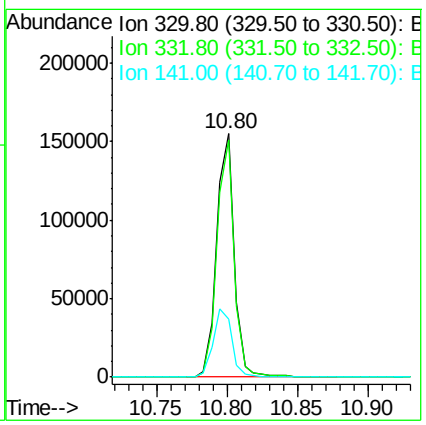


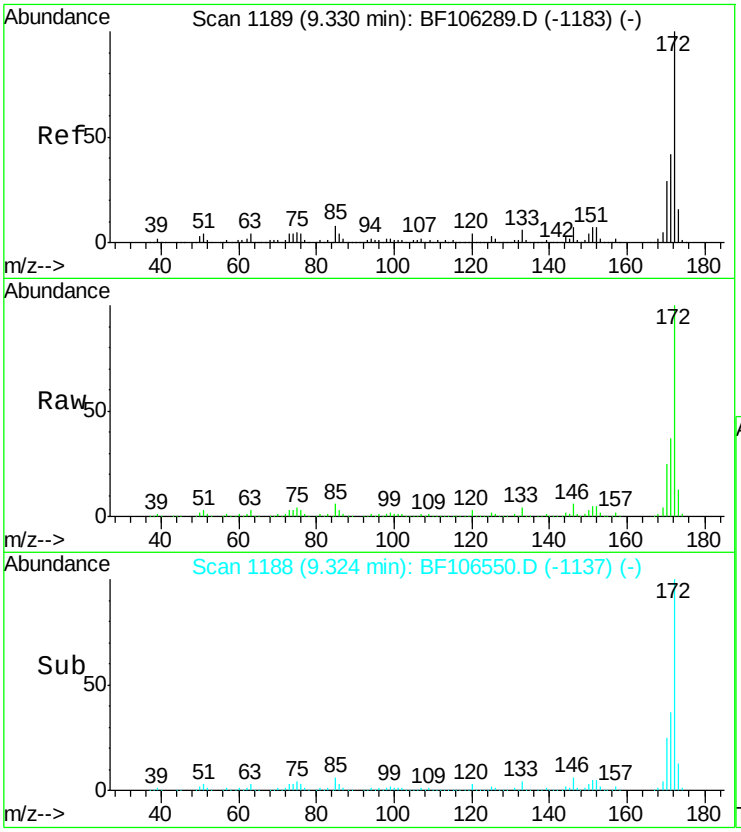


#41
2,4,6-Tribromophenol
Concen: 99.042 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF106550.D
Acq: 18 Jun 2018 20:31

Tgt Ion:330 Resp: 134893

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	29.9	29.9	44.9#



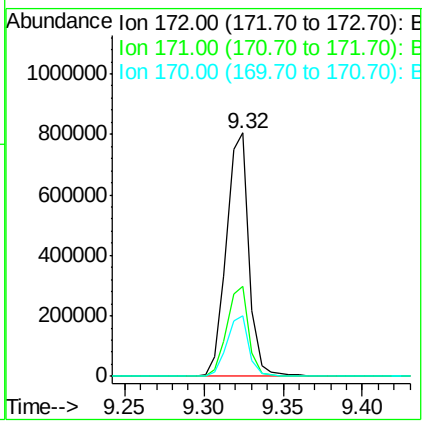


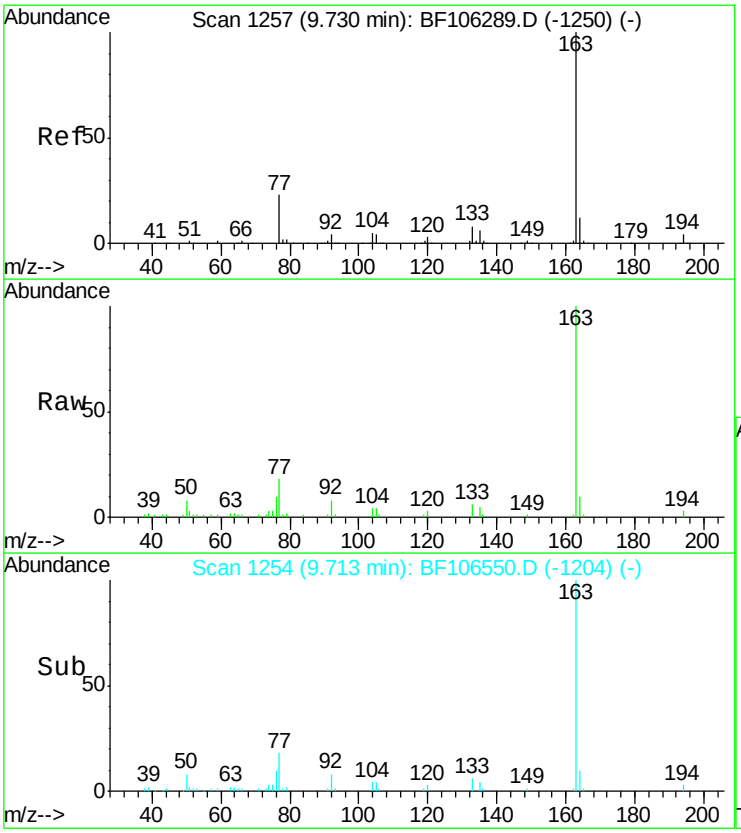
#44
2-Fluorobiphenyl
Concen: 108.148 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF106550.D
Acq: 18 Jun 2018 20:31

Instrument :
BNA_F
ClientSampleId :
SS-T-4-STONE

Tgt Ion:172 Resp: 793107

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.6	19.6	29.4

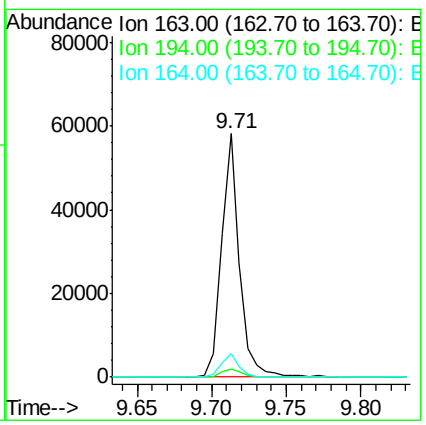


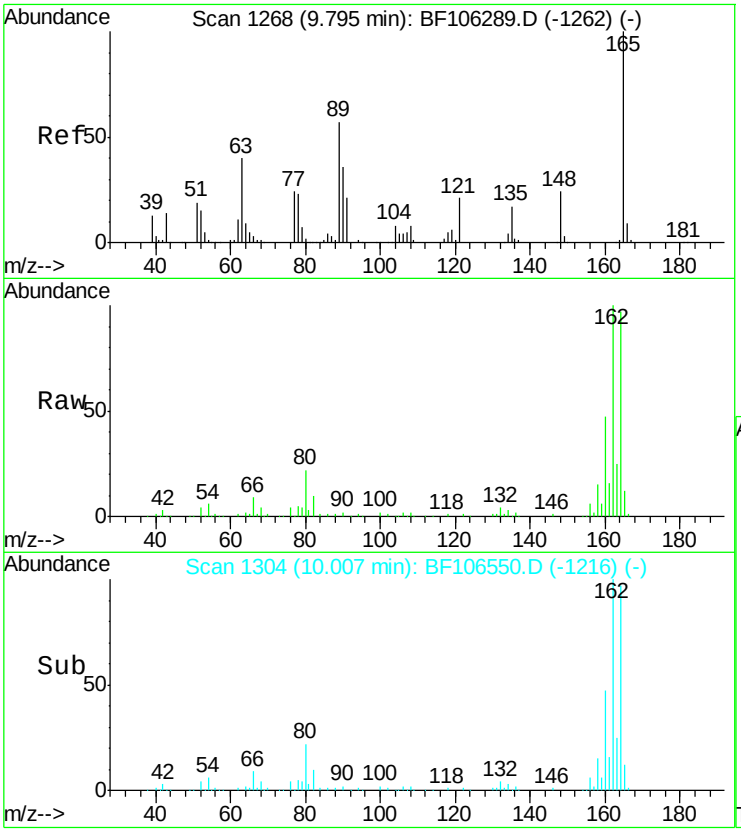


#49
Dimethylphthalate
Concen: 4.871 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106550.D
Acq: 18 Jun 2018 20:31

Tgt Ion:163 Resp: 49265

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.6	8.2	12.2



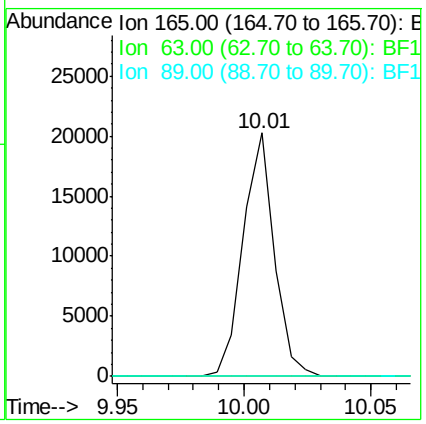


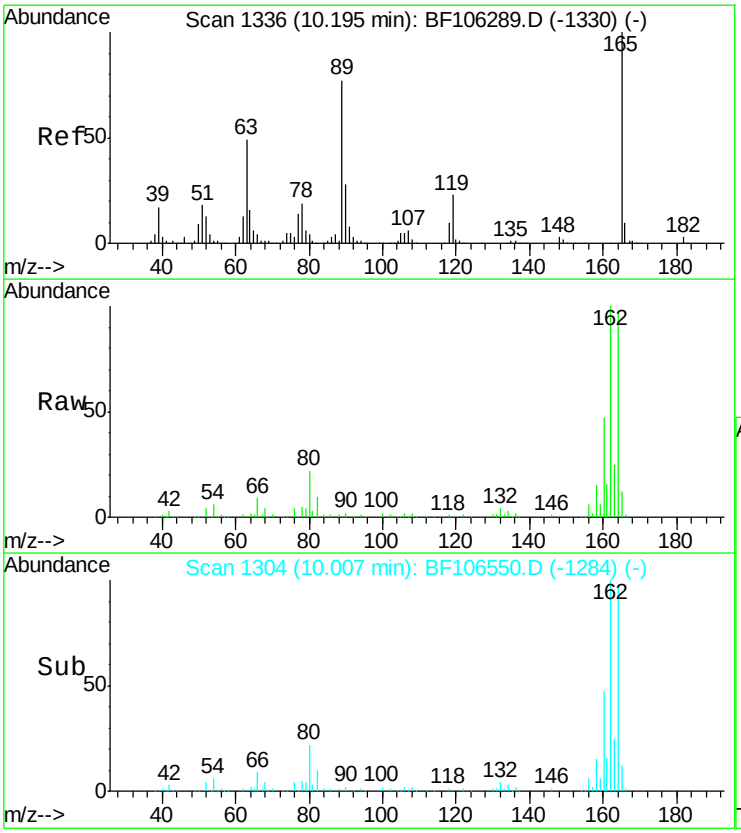
#50
2,6-Dinitrotoluene
Concen: 8.397 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.22 min
Lab File: BF106550.D
Acq: 18 Jun 2018 20:31

Instrument :
BNA_F
ClientSampleId :
SS-T-4-STONE

Tgt Ion:165 Resp: 17346

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

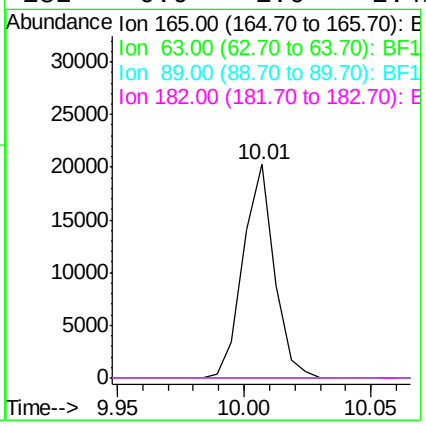


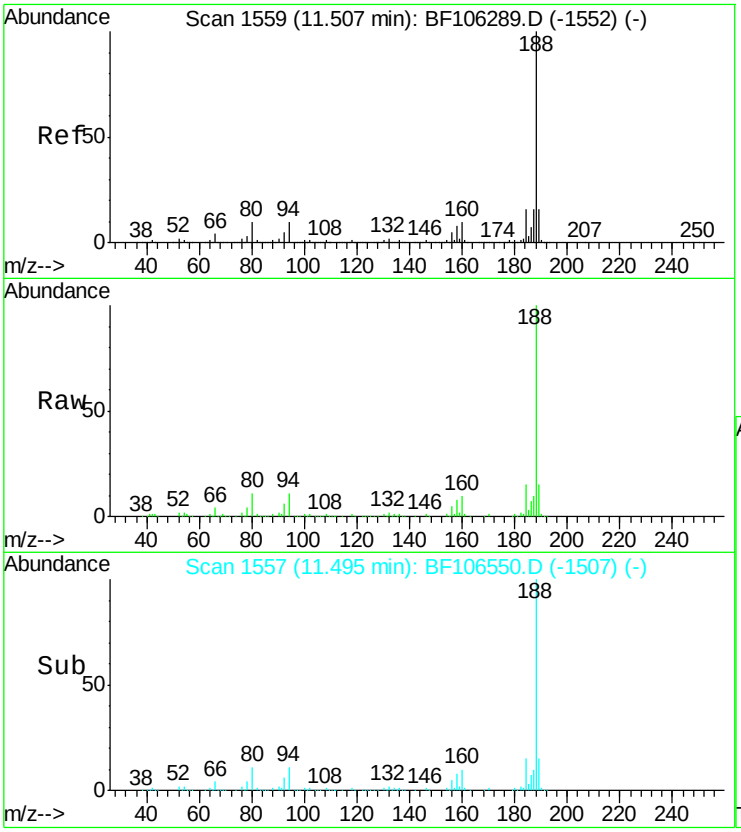


#56
2,4-Dinitrotoluene
Concen: 6.687 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106550.D
Acq: 18 Jun 2018 20:31

Tgt Ion:165 Resp: 17346

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



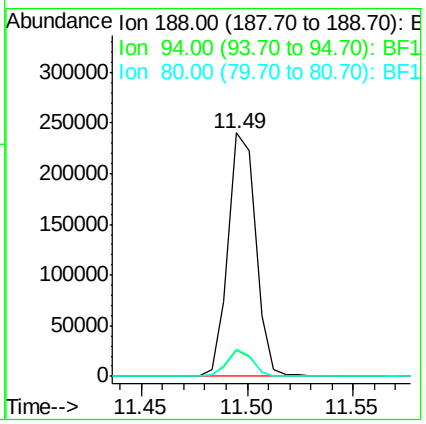


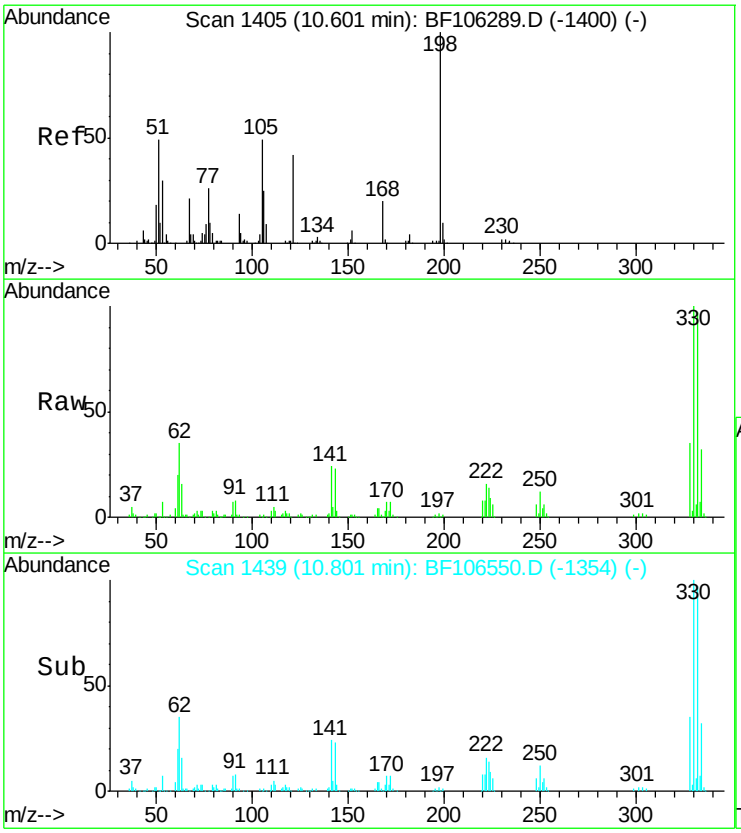
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106550.D
Acq: 18 Jun 2018 20:31

Instrument :
BNA_F
ClientSampleId :
SS-T-4-STONE

Tgt Ion:188 Resp: 217454

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.4	9.2	13.8

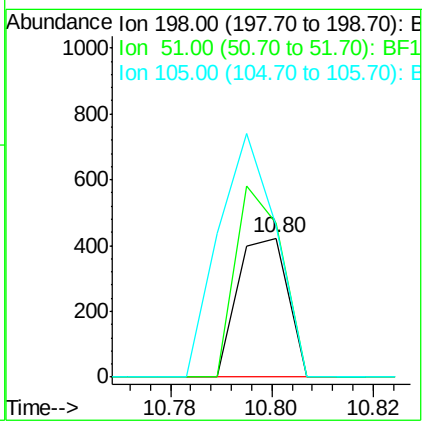


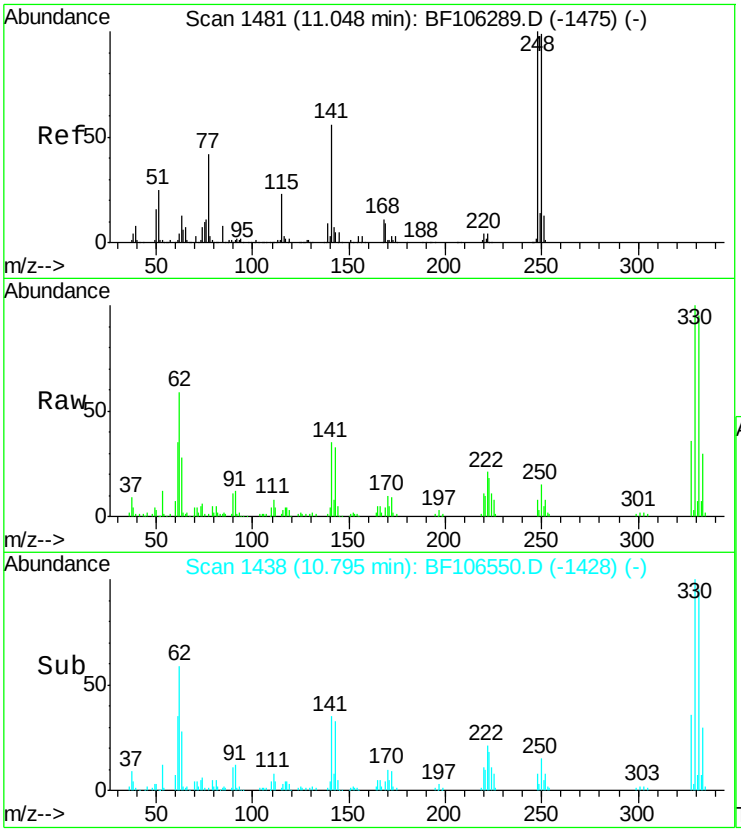


#64
4,6-Dinitro-2-methylphenol
Concen: 6.509 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF106550.D
Acq: 18 Jun 2018 20:31

Tgt Ion:198 Resp: 289

Ion	Ratio	Lower	Upper
198	100		
51	110.6	37.7	77.7#
105	108.7	36.3	76.3#



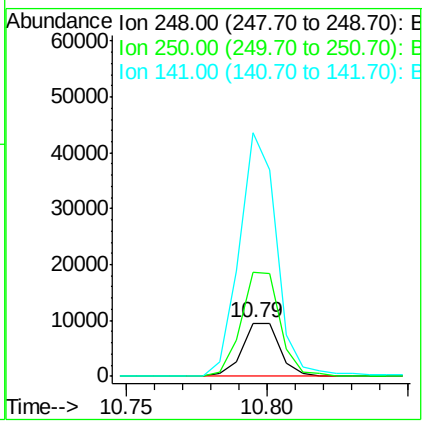


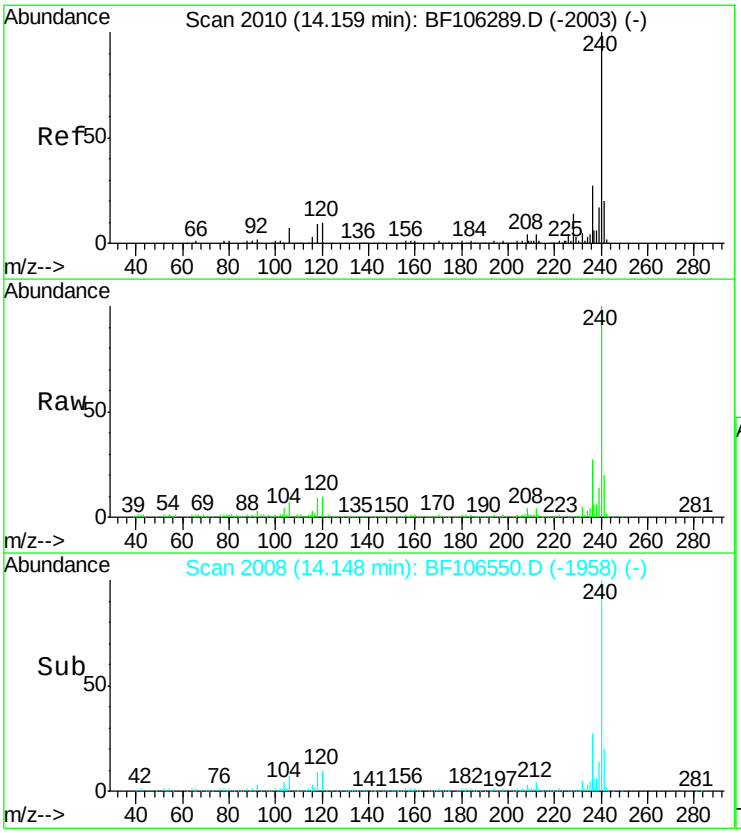
#66
4-Bromophenyl-phenylether
Concen: 3.547 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106550.D
Acq: 18 Jun 2018 20:31

Instrument :
BNA_F
ClientSampleId :
SS-T-4-STONE

Tgt Ion:248 Resp: 8773

Ion	Ratio	Lower	Upper
248	100		
250	195.4	76.9	115.3#
141	457.6	74.4	111.6#

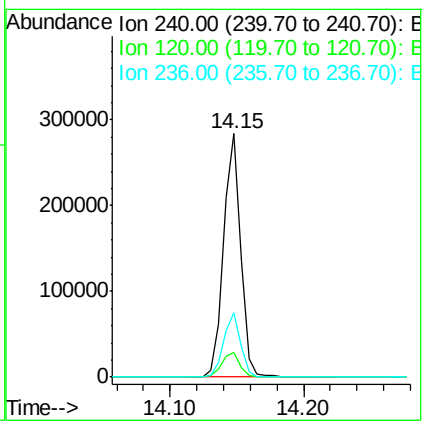


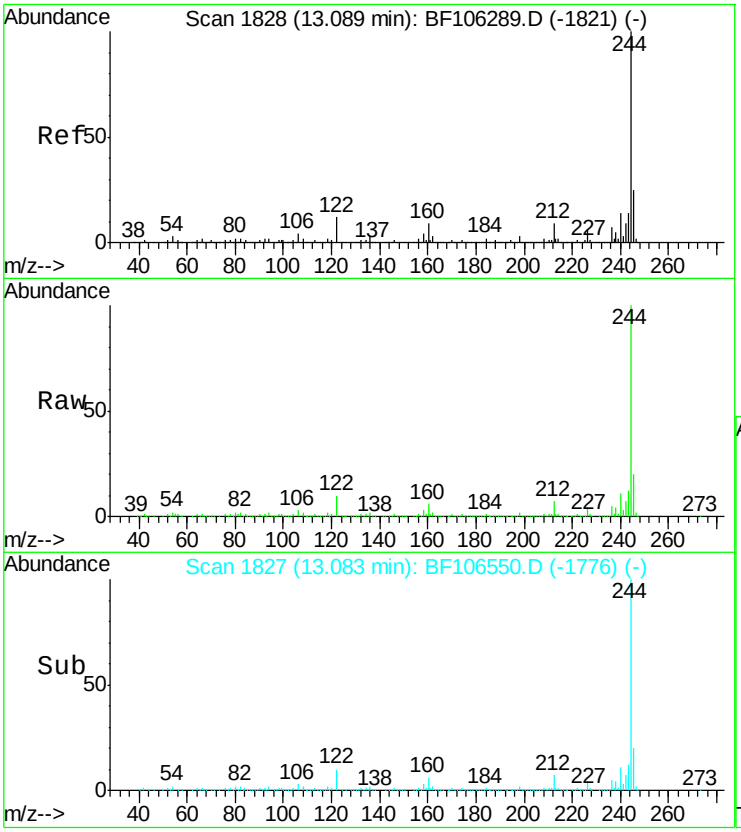


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106550.D
Acq: 18 Jun 2018 20:31

Tgt Ion:240 Resp: 258326

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	26.5	20.7	31.1



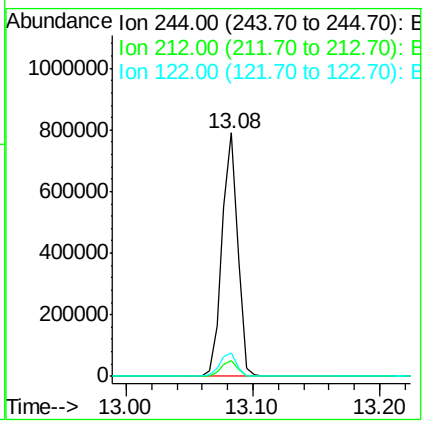


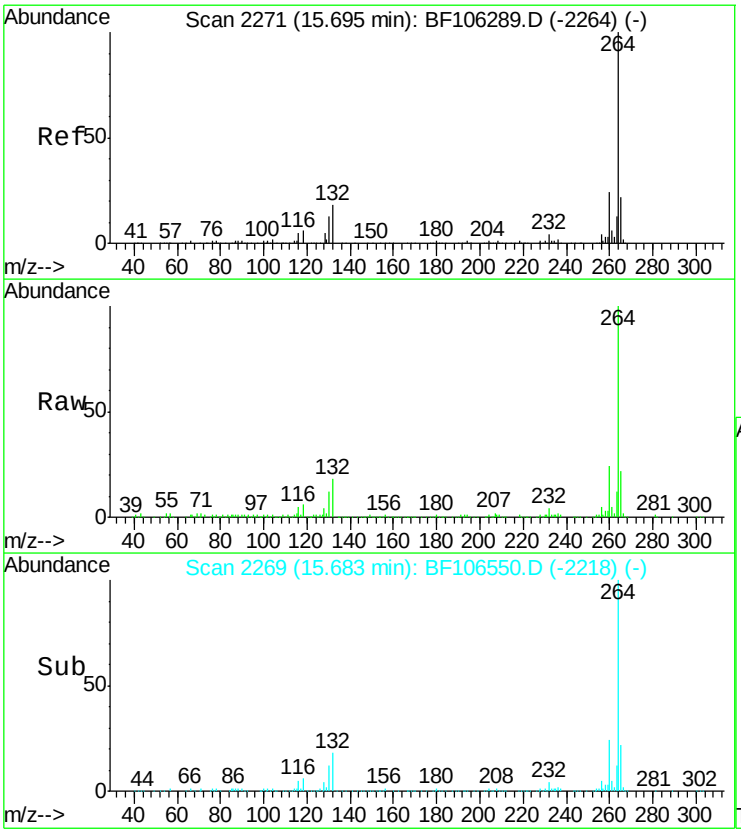
#78
Terphenyl-d14
Concen: 65.499 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF106550.D
Acq: 18 Jun 2018 20:31

Instrument :
BNA_F
ClientSampleId :
SS-T-4-STONE

Tgt Ion:244 Resp: 681228

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.7	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF106550.D
Acq: 18 Jun 2018 20:31

Tgt Ion:264 Resp: 233854

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	17.5	26.3