Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
Data File : BF106489.D
Acq On : 15 Jun 2018 14:08
Operator : JU/SJ
Sample : PB110238BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB110238BL

Quant Time: Jun 15 22:57:00 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	121994	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	456576	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	219555	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	441108	20.00	ng		0.00
75) Chrysene-d12	14.15	240	387732	20.00	ng		0.00
86) Perylene-d12	15.70	264	285534	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	835327	115.89	ng		0.00
7) Phenol-d6	6.61	99	1016262	111.60	ng		0.00
23) Nitrobenzene-d5	7.52	82	709323	91.39	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	311607	147.51	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1191901	102.83	ng		0.00
78) Terphenyl-d14	13.09	244	1346208	86.24	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	19214	2.782	ng		84
19) n-Nitroso-di-n-propylamine	7.52	70	96769	14.164	ng	#	77
25) Isophorone	7.52	82	709315	46.791	ng	#	64
50) 2,6-Dinitrotoluene	10.01	165	28010	8.742	ng	#	26
56) 2,4-Dinitrotoluene	10.01	165	28010	6.961	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.80	198	646	6.531	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	20703	4.126	ng	#	1

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

Quantitation Report (Not Reviewed)

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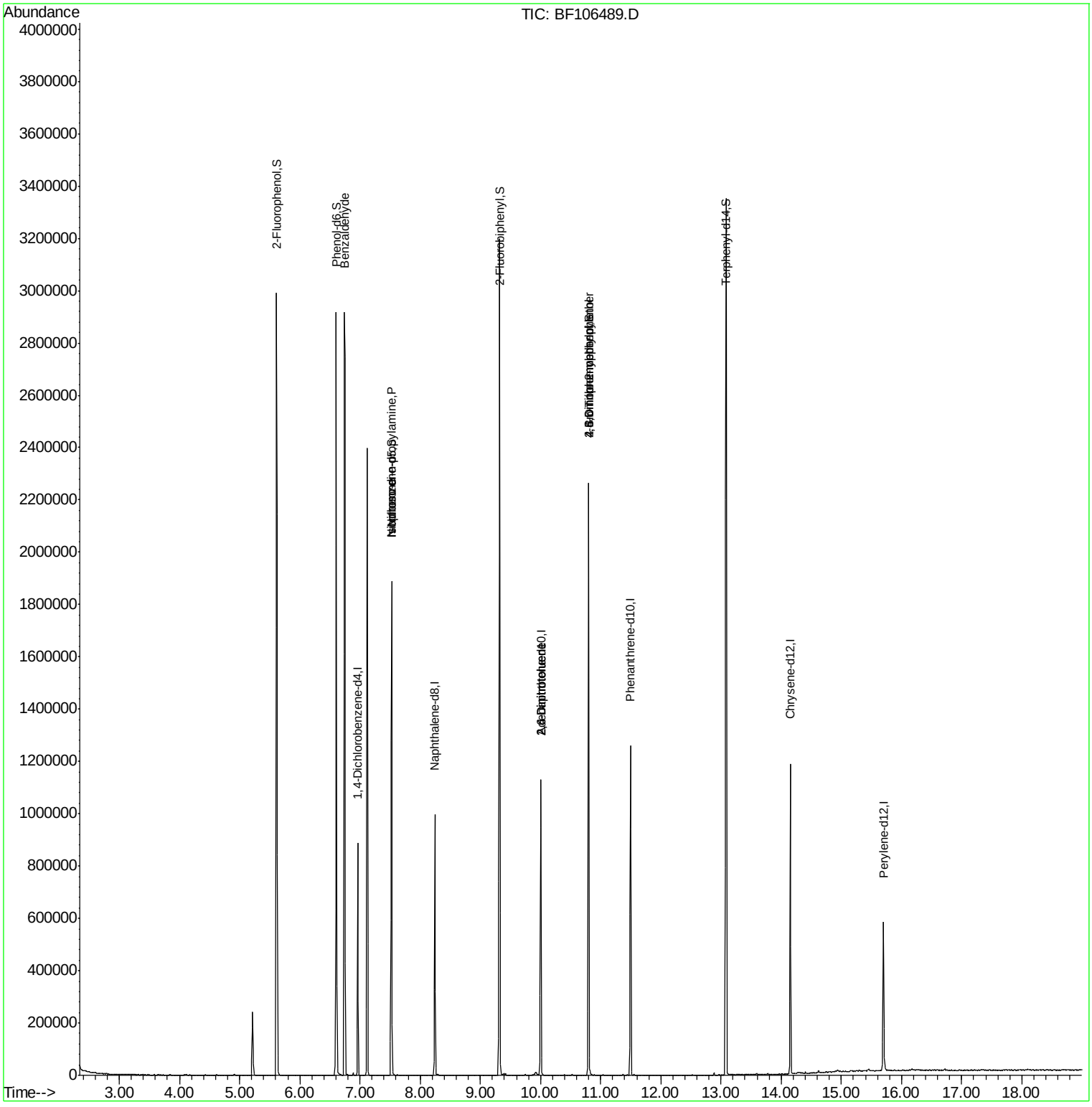
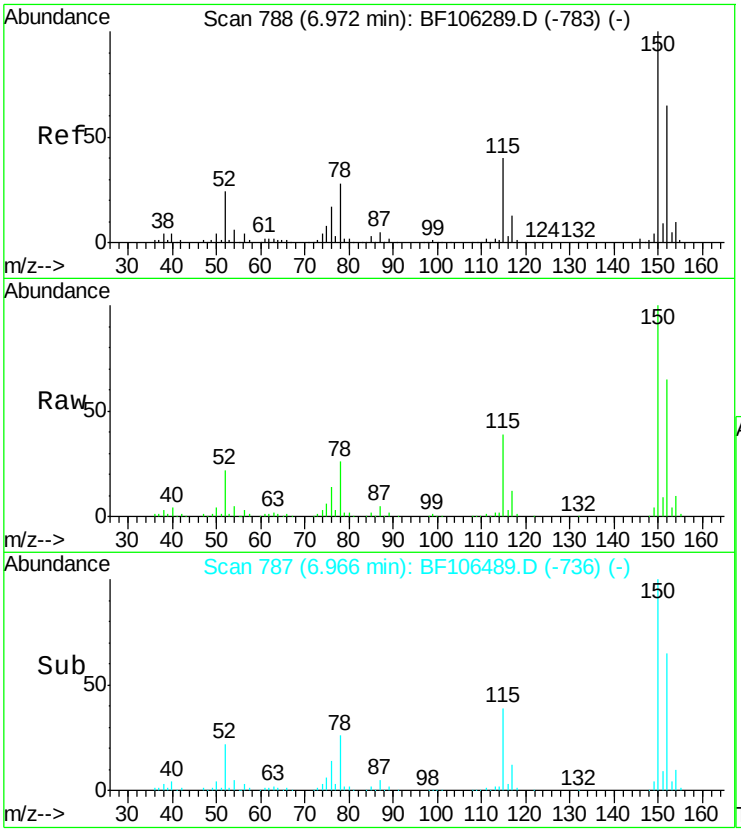


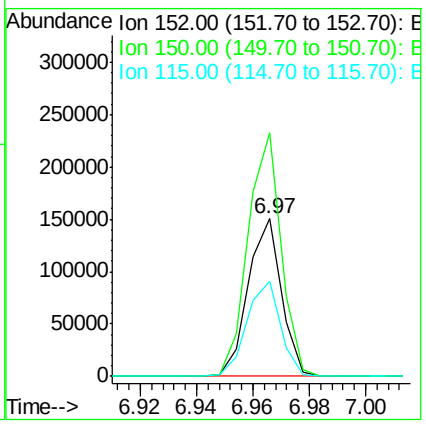


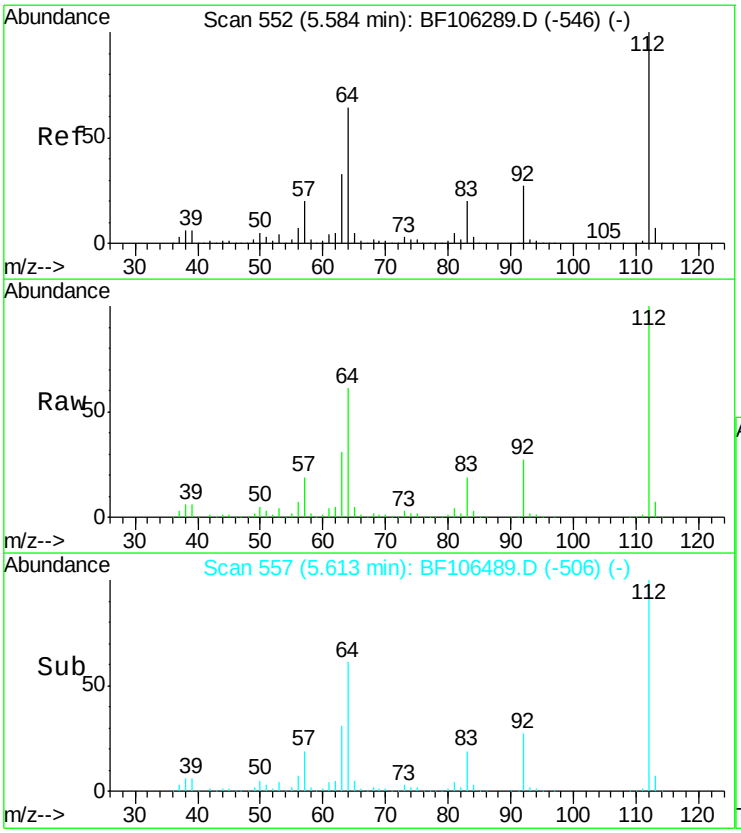
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Instrument :
BNA_F
ClientSampleId :
PB110238BL

Tgt Ion:152 Resp: 121994

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	60.5	50.1	75.1

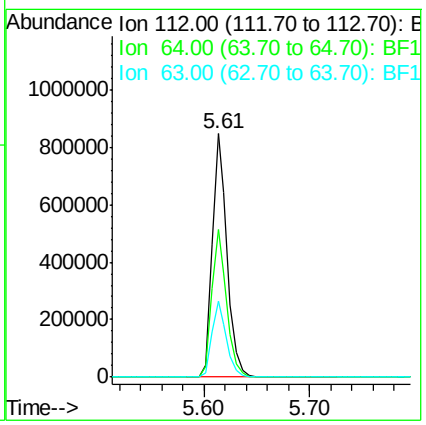


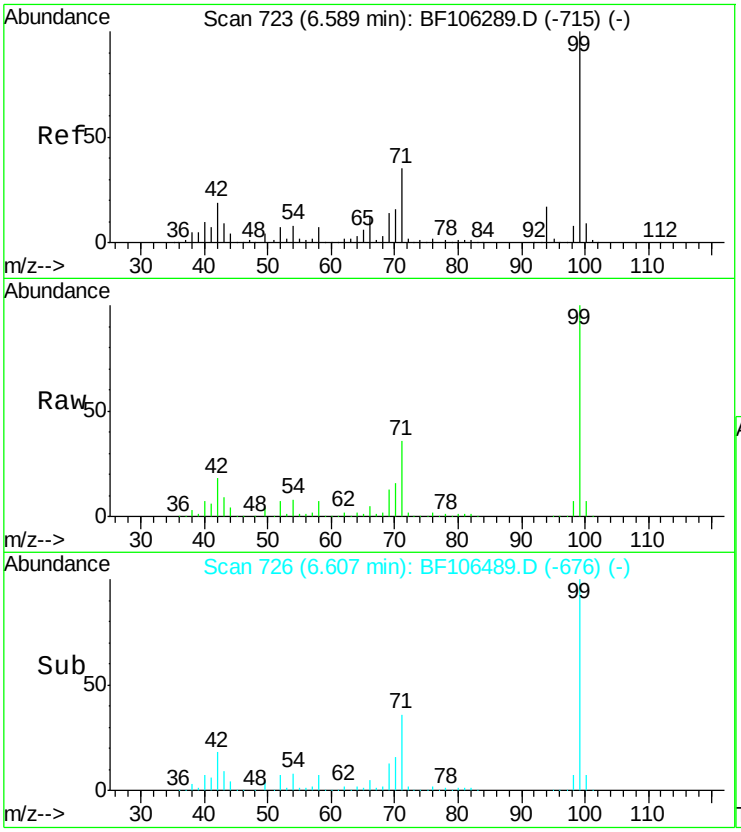


#5
2-Fluorophenol
Concen: 115.890 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Tgt Ion:112 Resp: 835327

Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.9	71.9
63	31.1	23.7	35.5



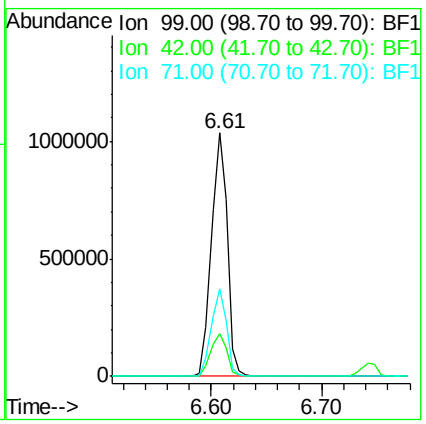


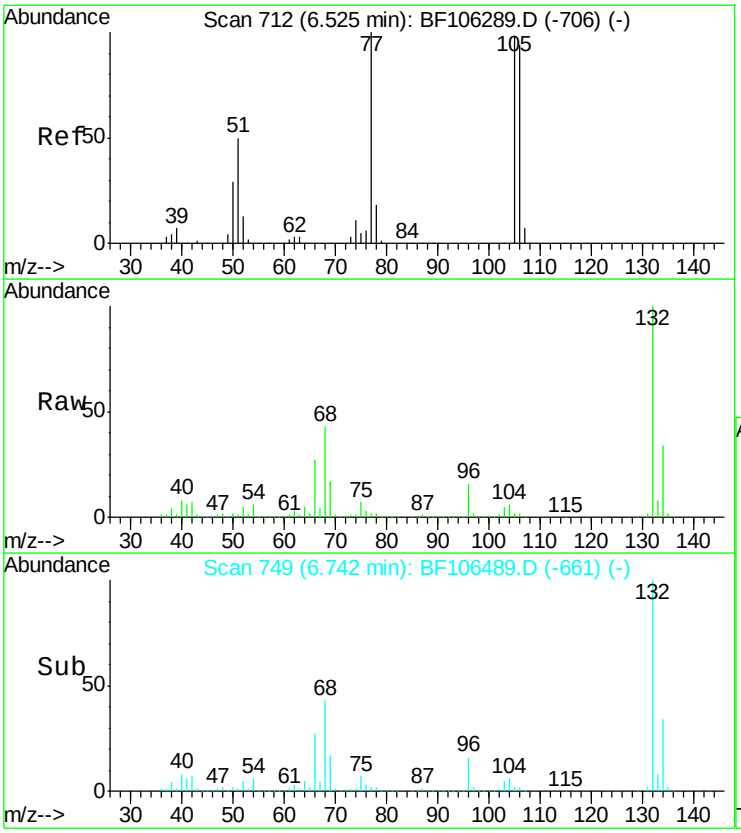
#7
Phenol-d6
Concen: 111.597 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Instrument :
BNA_F
ClientSampleId :
PB110238BL

Tgt Ion: 99 Resp: 1016262

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.5	21.7
71	35.9	25.4	38.0

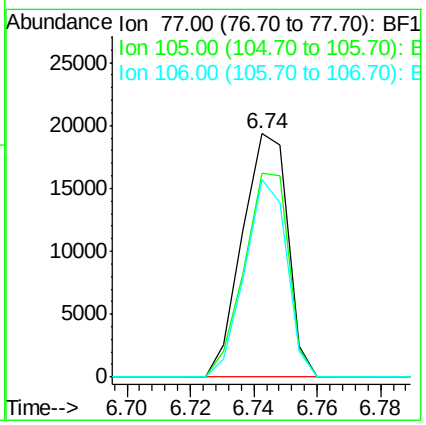


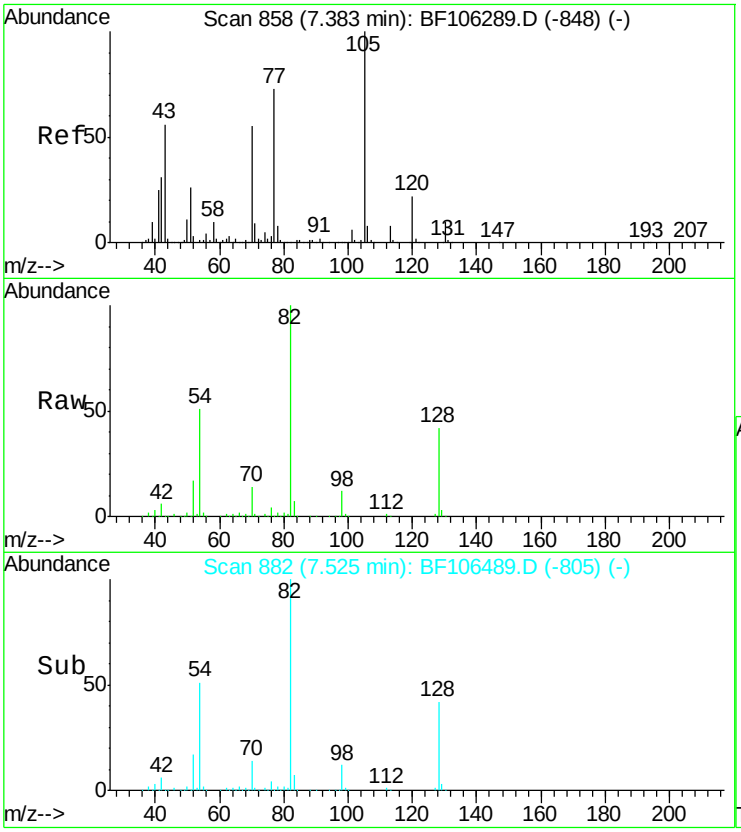


#9
Benzaldehyde
Concen: 2.782 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.22 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Tgt Ion: 77 Resp: 19214

Ion	Ratio	Lower	Upper
77	100		
105	83.5	81.1	121.1
106	81.4	74.5	114.5



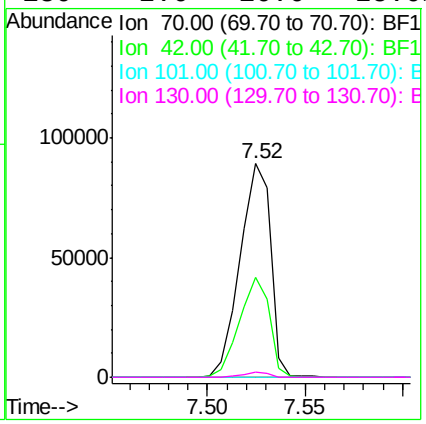


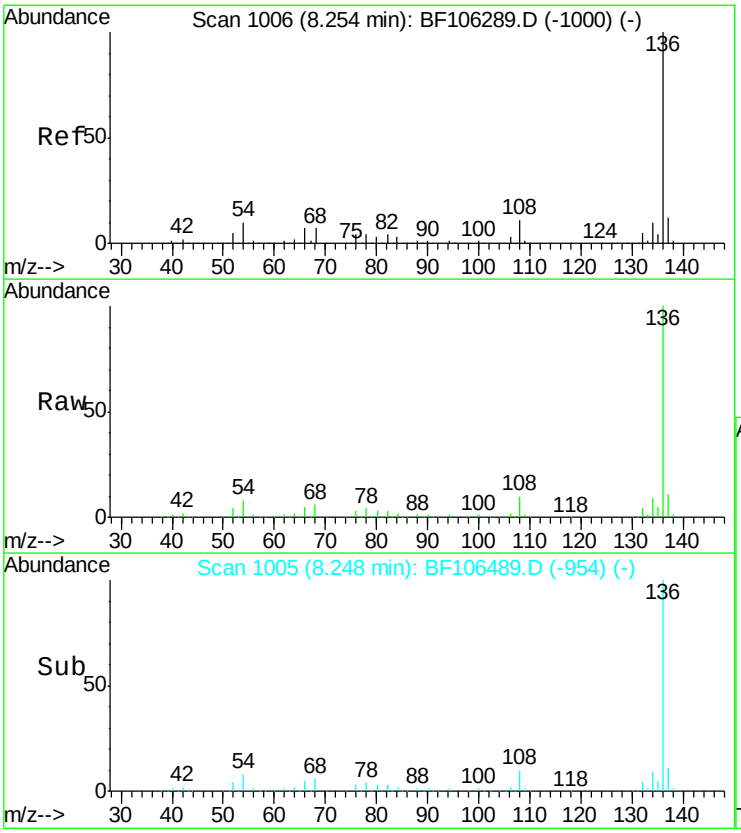
#19
n-Nitroso-di-n-propylamine
Concen: 14.164 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Instrument :
BNA_F
ClientSampleId :
PB110238BL

Tgt Ion: 70 Resp: 96769

Ion	Ratio	Lower	Upper
70	100		
42	46.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#

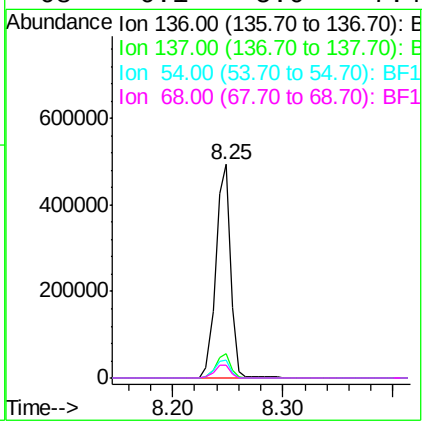


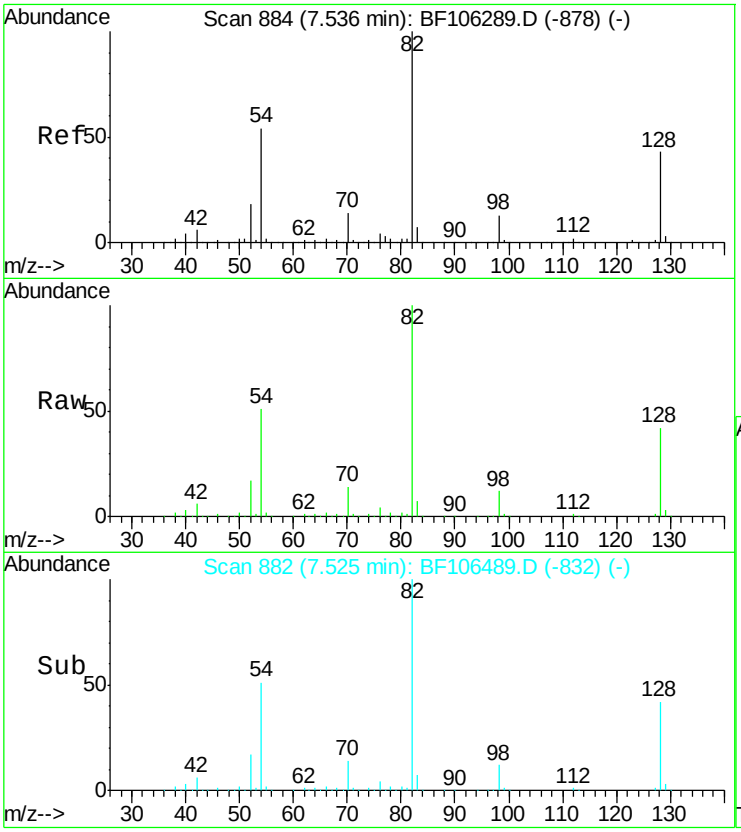


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Tgt Ion:136 Resp: 456576

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.3	6.6	9.8
68	6.1	5.0	7.4



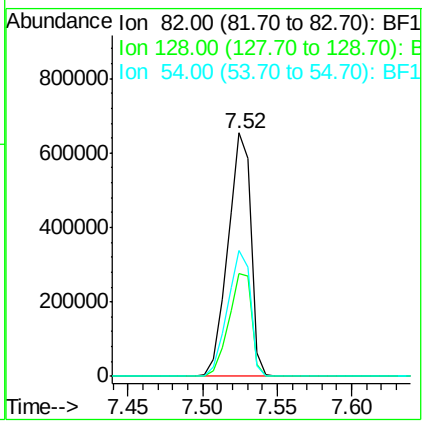


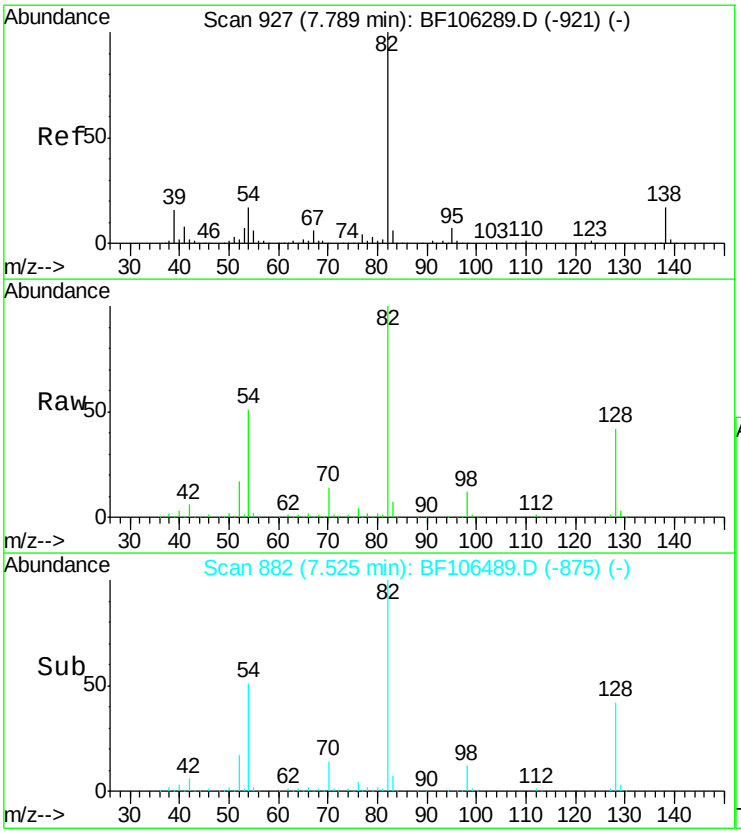
#23
Nitrobenzene-d5
Concen: 91.394 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Instrument :
BNA_F
ClientSampleId :
PB110238BL

Tgt Ion: 82 Resp: 709323

Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	51.5	41.4	62.2

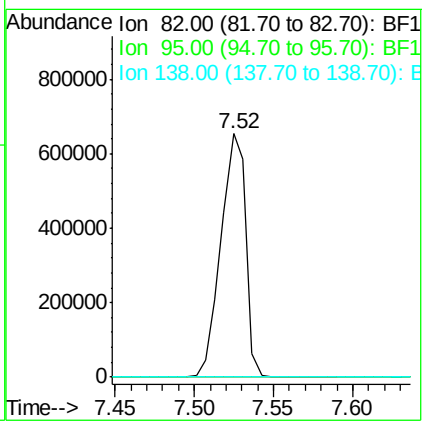


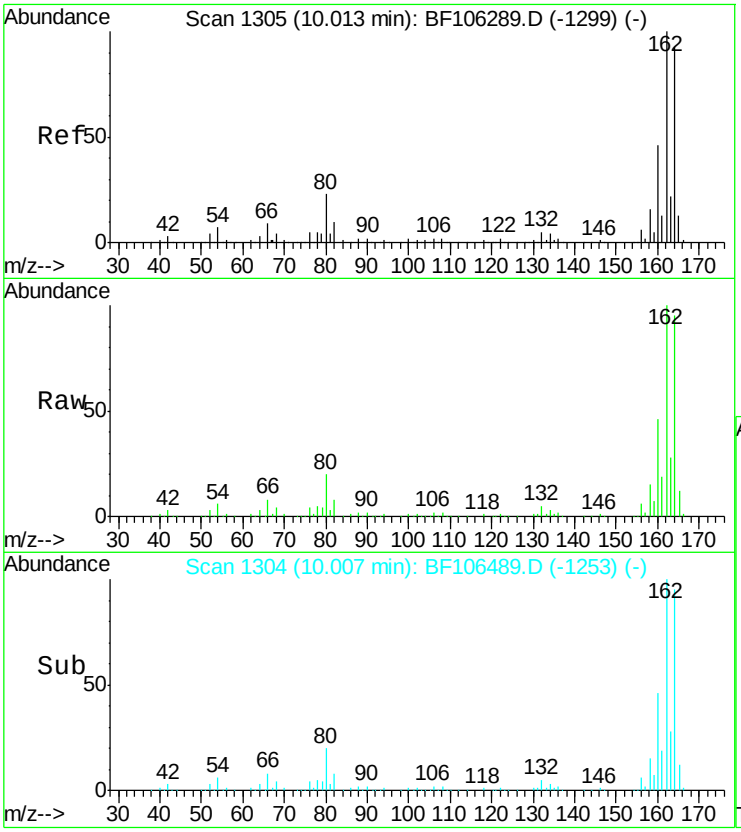


#25
Isophorone
Concen: 46.791 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Tgt Ion: 82 Resp: 709315

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



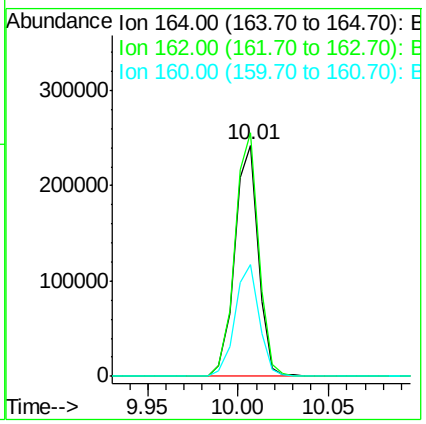


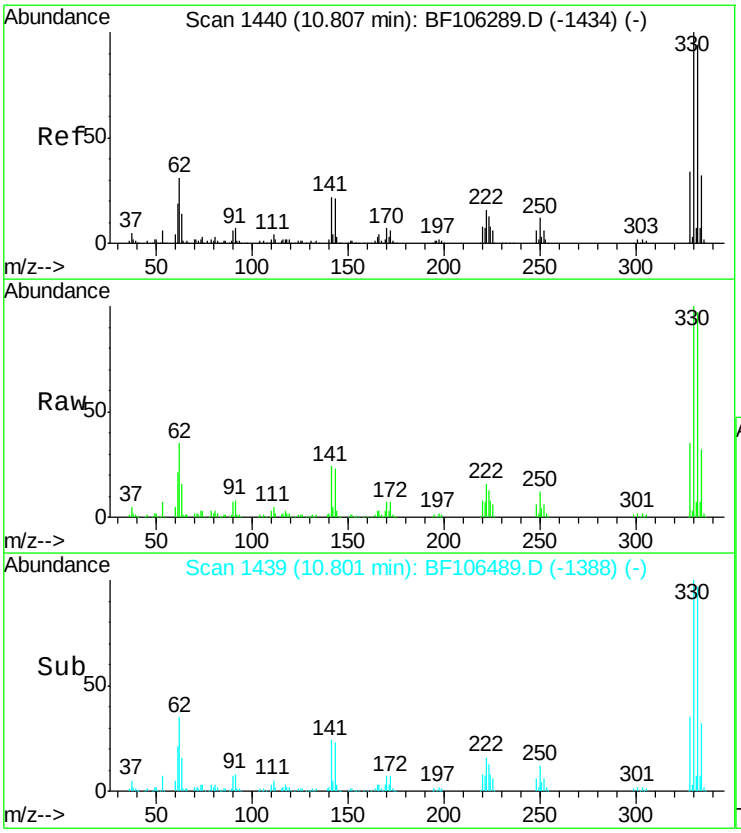
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Instrument :
BNA_F
ClientSampleId :
PB110238BL

Tgt Ion:164 Resp: 219555

Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	48.1	38.3	57.5

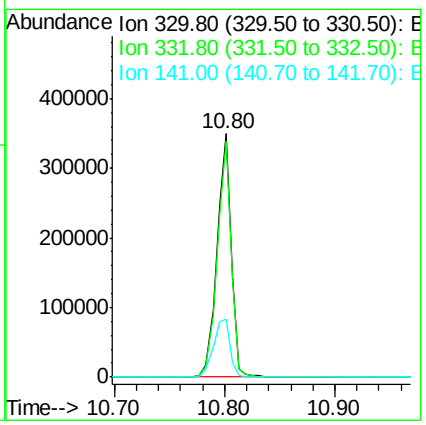


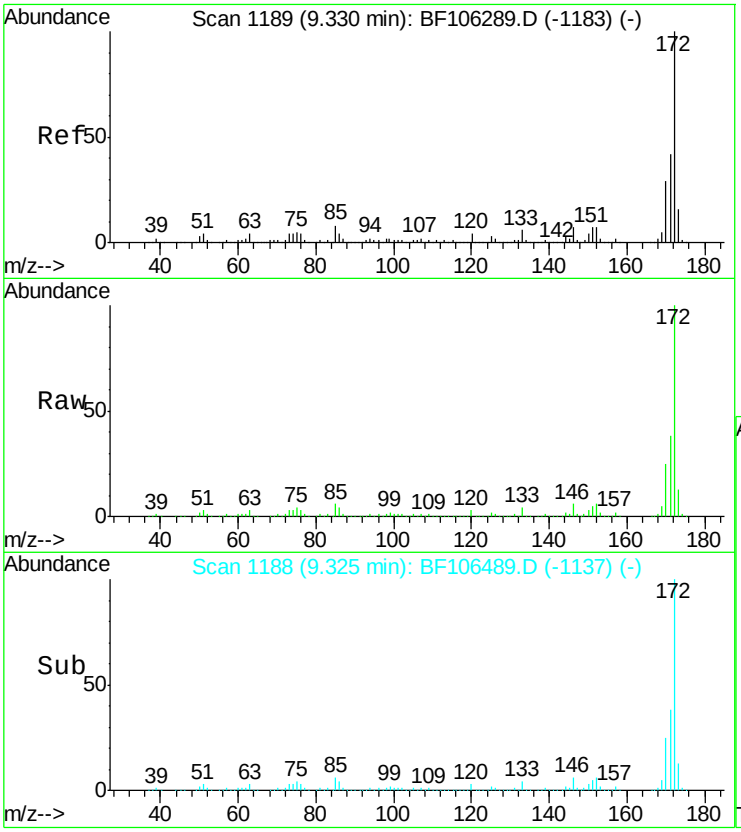


#41
2,4,6-Tribromophenol
Concen: 147.506 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Tgt Ion:330 Resp: 311607

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	27.9	29.9	44.9#



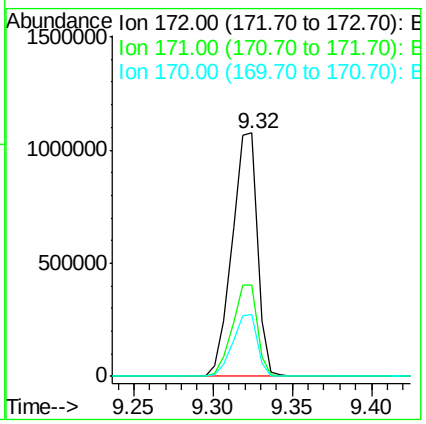


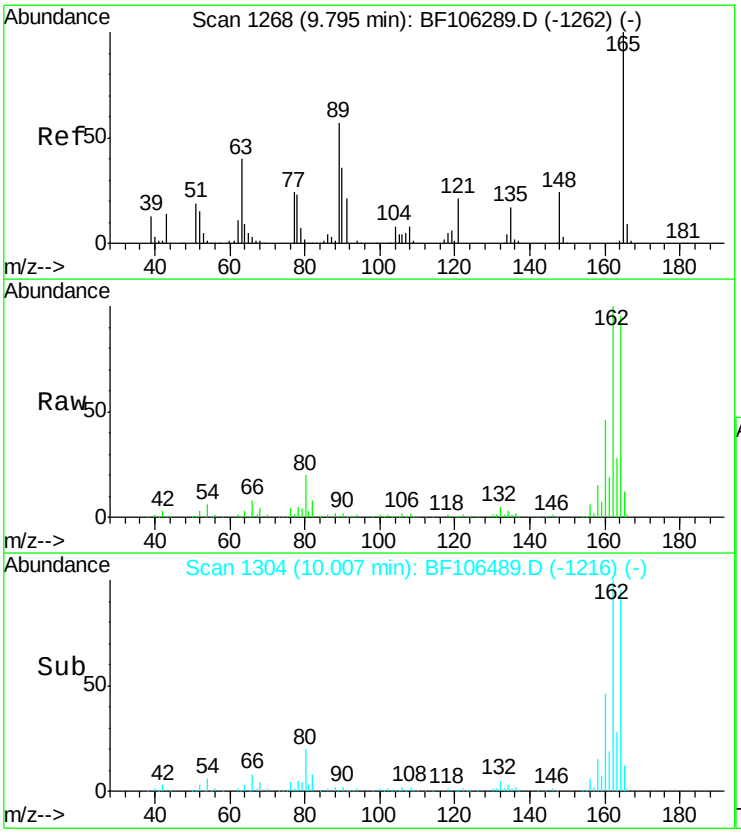
#44
2-Fluorobiphenyl
Concen: 102.834 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Instrument :
BNA_F
ClientSampleId :
PB110238BL

Tgt Ion:172 Resp: 1191901

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.4	19.6	29.4

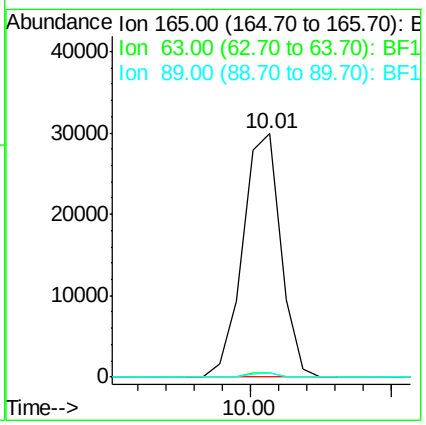


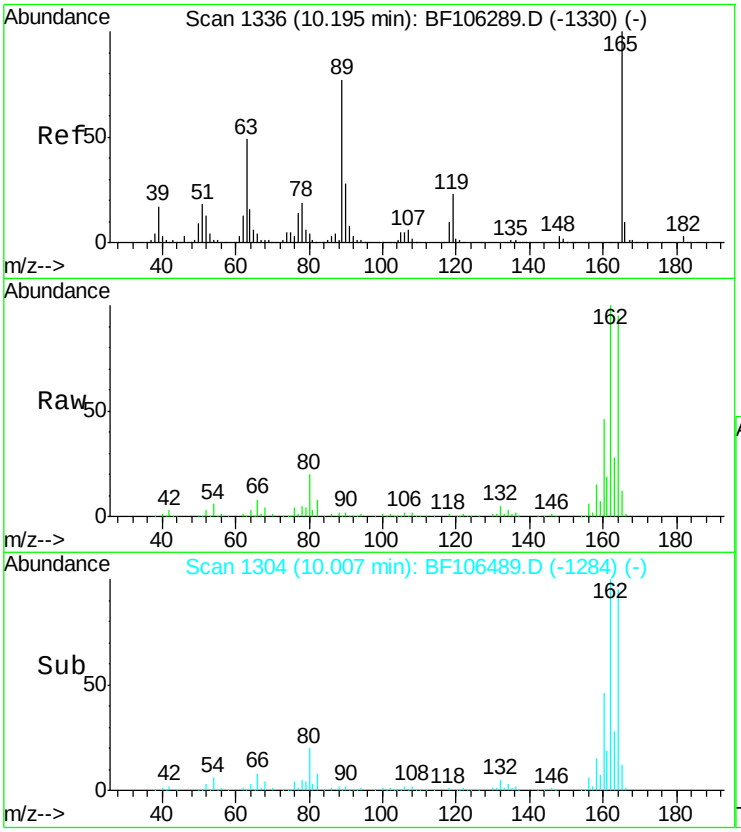


#50
2,6-Dinitrotoluene
Concen: 8.742 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.22 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Tgt Ion:165 Resp: 28010

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	1.8	44.0	66.0#



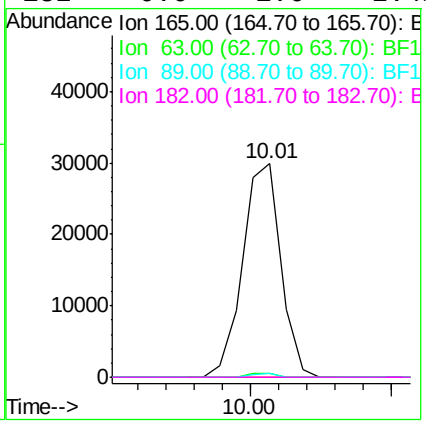


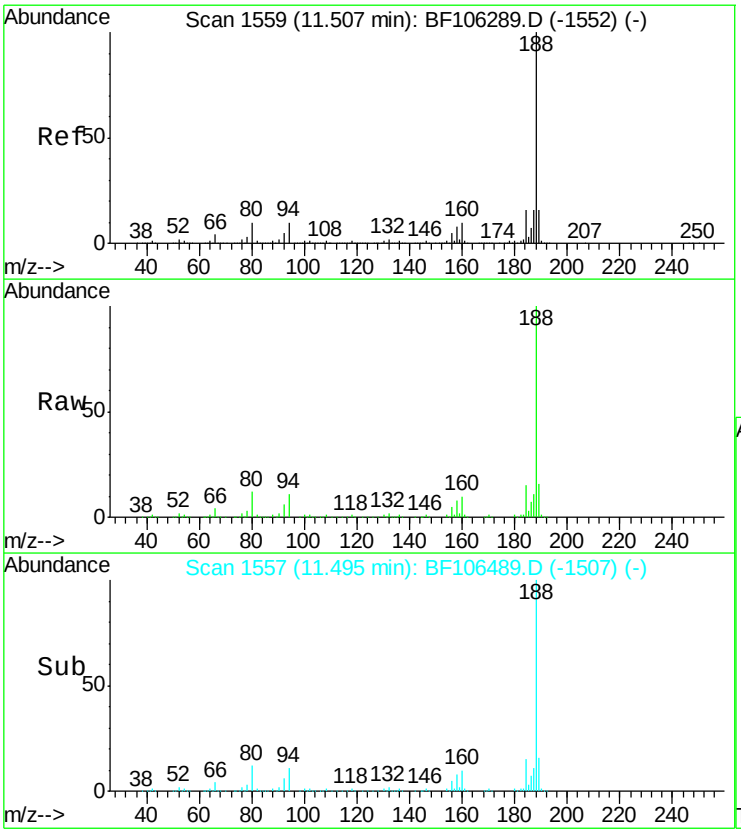
#56
2,4-Dinitrotoluene
Concen: 6.961 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Instrument :
BNA_F
ClientSampleId :
PB110238BL

Tgt Ion:165 Resp: 28010

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

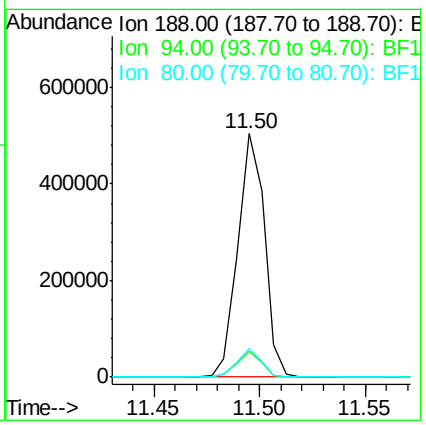


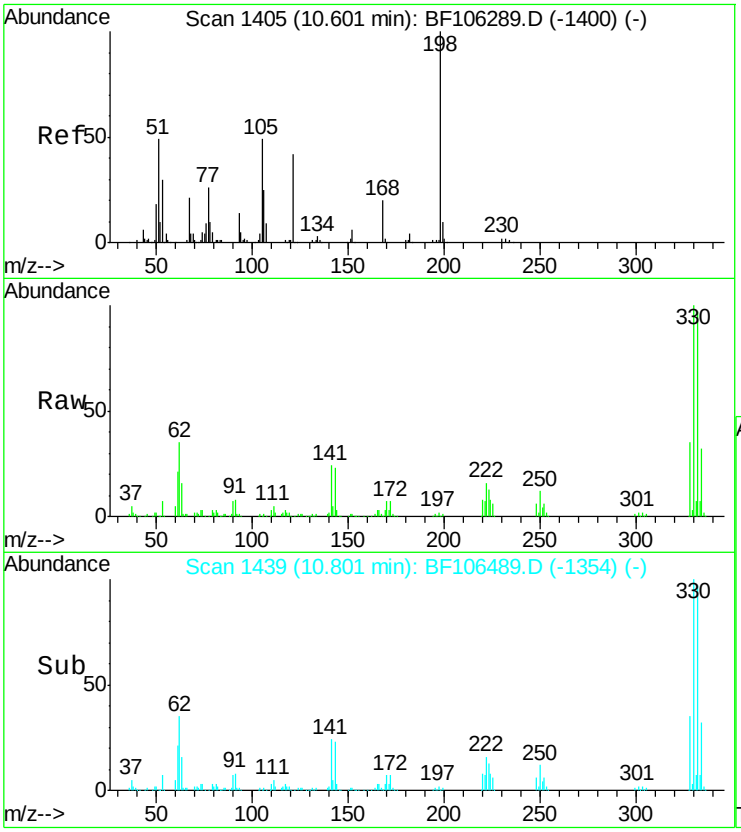


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Tgt Ion:188 Resp: 441108

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.6	9.2	13.8



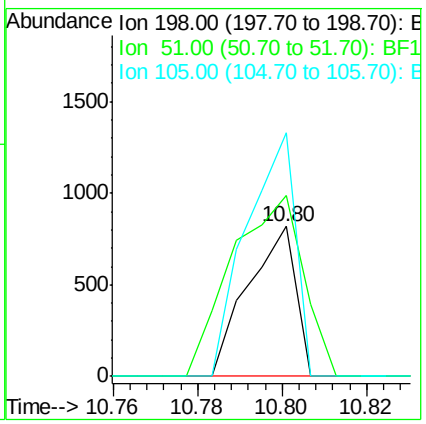


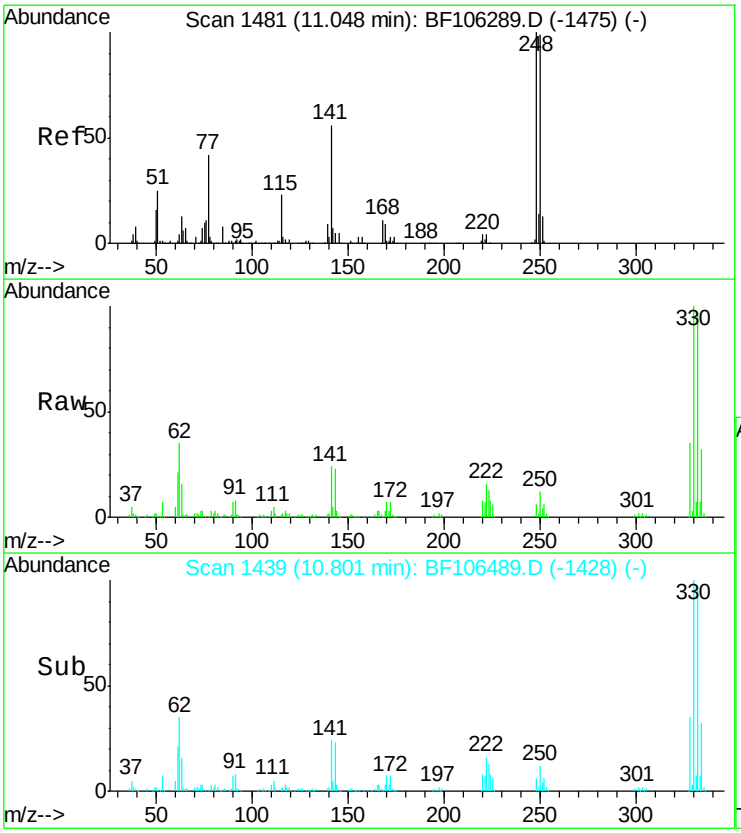
#64
4,6-Dinitro-2-methylphenol
Concen: 6.531 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Instrument :
BNA_F
ClientSampleId :
PB110238BL

Tgt Ion:198 Resp: 646

Ion	Ratio	Lower	Upper
198	100		
51	121.1	37.7	77.7#
105	162.6	36.3	76.3#

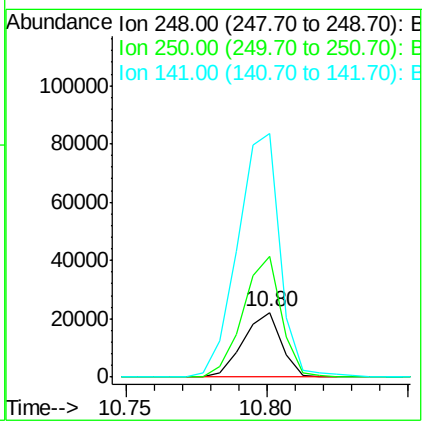


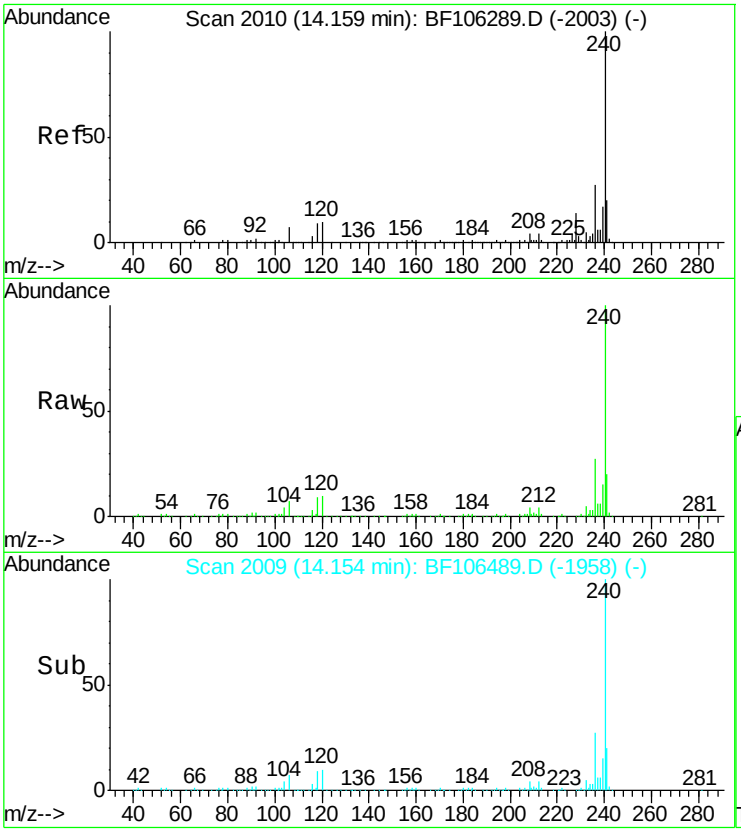


#66
4-Bromophenyl-phenylether
Concen: 4.126 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Tgt Ion:248 Resp: 20703

Ion	Ratio	Lower	Upper
248	100		
250	187.6	76.9	115.3#
141	376.4	74.4	111.6#



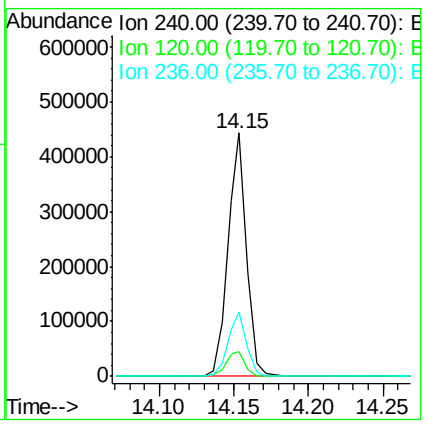


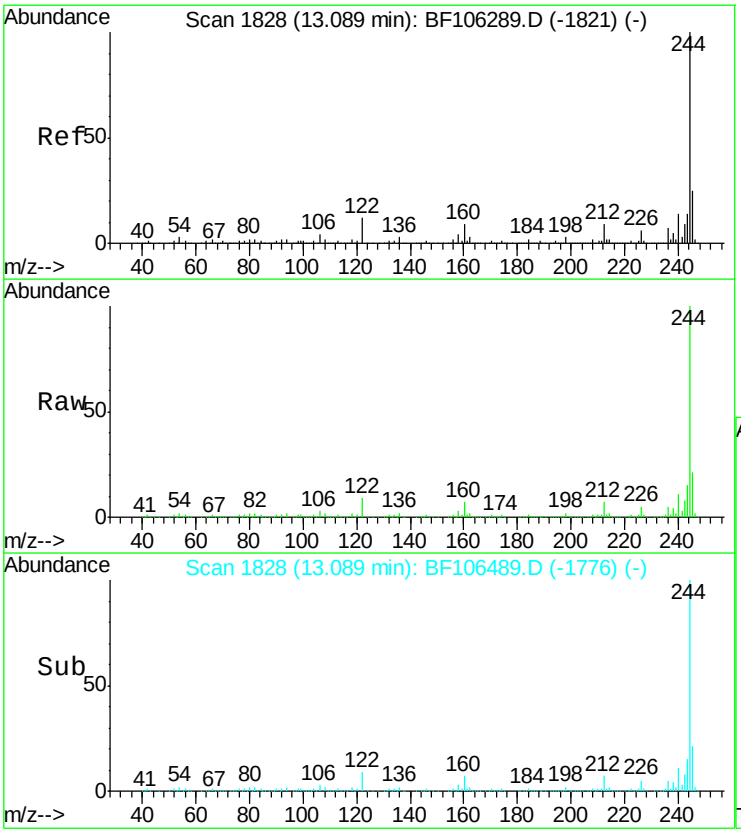
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Instrument :
BNA_F
ClientSampleId :
PB110238BL

Tgt Ion:240 Resp: 387732

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	26.7	20.7	31.1

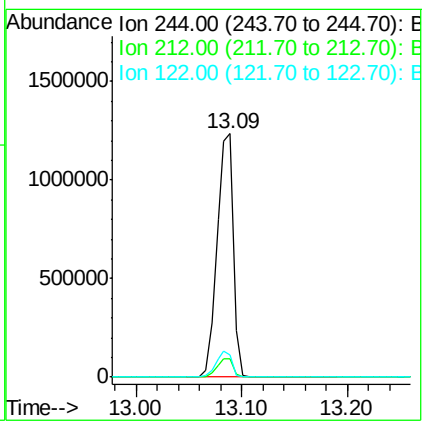


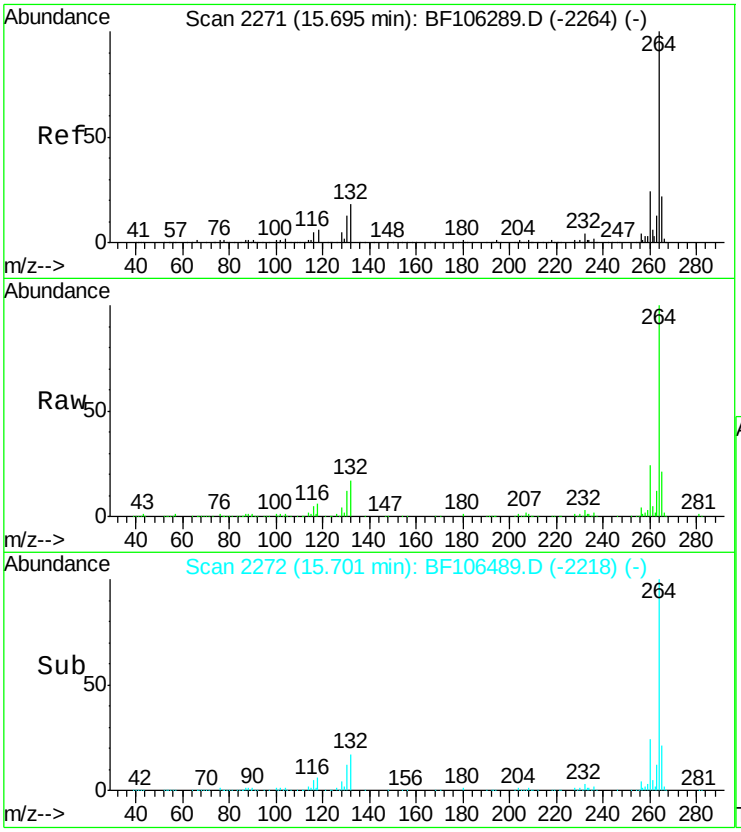


#78
Terphenyl-d14
Concen: 86.237 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Tgt Ion:244 Resp: 1346208

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	9.3	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.02 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Instrument :
BNA_F
ClientSampleId :
PB110238BL

Tgt Ion:264 Resp: 285534

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	17.5	26.3