Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
Data File : BF105035.D
Acq On : 2 May 2018 17:09
Operator : JU/SJ
Sample : J2616-46
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 02 18:11:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	84637	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	341257	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	155025	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	263167	20.00	ng		0.00
75) Chrysene-d12	14.03	240	180445	20.00	ng		0.00
86) Perylene-d12	15.61	264	167388	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	636324	114.96	ng		0.01
7) Phenol-d6	6.43	99	684075	100.58	ng		0.00
23) Nitrobenzene-d5	7.36	82	540714	103.46	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	214928	133.65	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1008569	102.78	ng		0.00
78) Terphenyl-d14	12.92	244	838422	105.93	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	14987	2.078	ng		86
19) n-Nitroso-di-n-propylamine	7.36	70	69870	15.722	ng	#	72
25) Isophorone	7.36	82	540707	48.927	ng	#	64
31) Naphthalene	8.09	128	35127	2.067	ng		99
50) 2,6-Dinitrotoluene	9.83	165	19857	8.778	ng	#	24
56) 2,4-Dinitrotoluene	9.83	165	19857	6.692	ng	#	21
64) 4,6-Dinitro-2-methylphenol	10.62	198	282	7.533	ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	13242	4.731	ng	#	1
76) Benzidine	12.92	184	11042	Below Cal		#	93

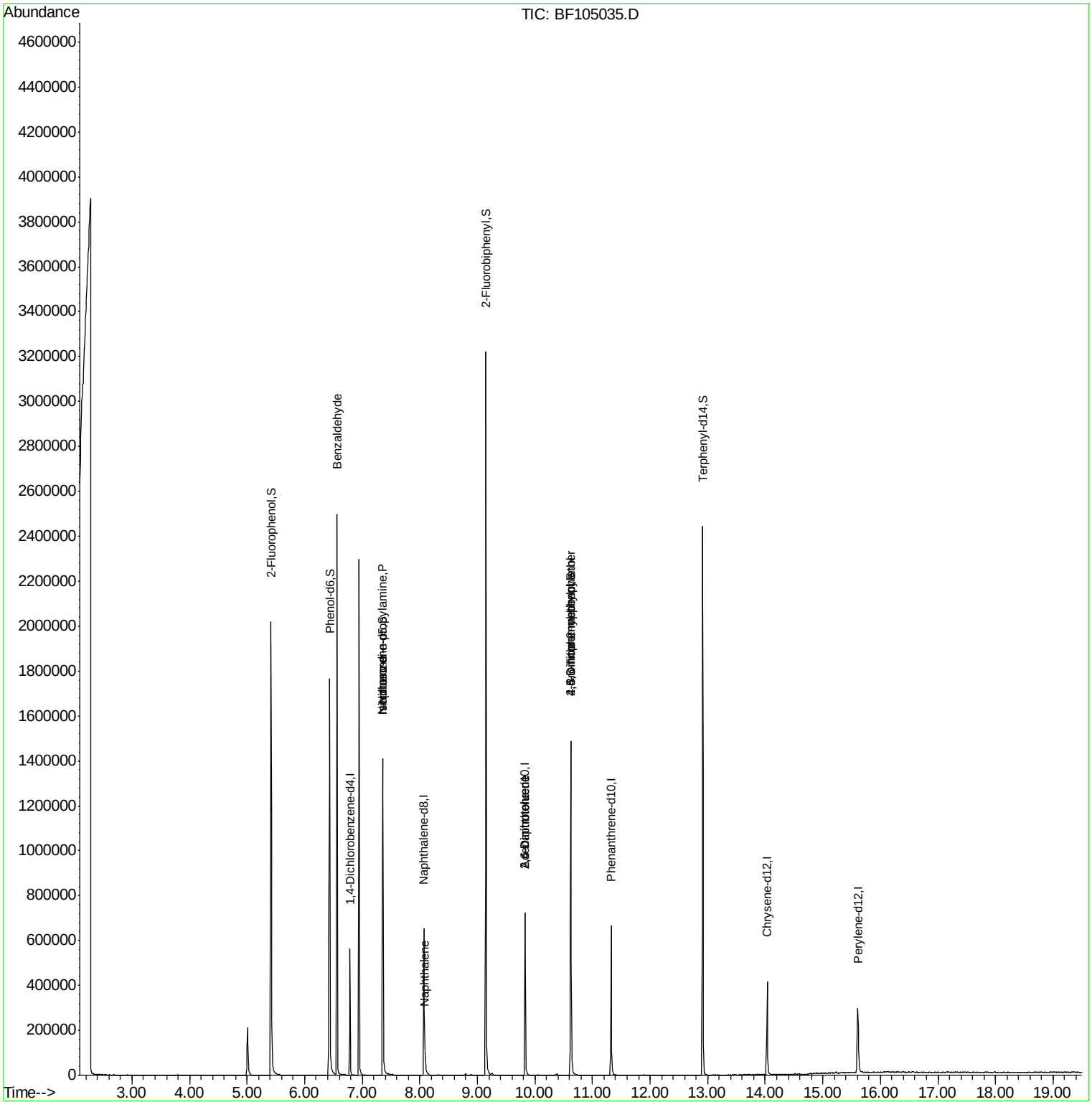
(#) = qualifier out of range (m) = manual integration (+) = signals summed

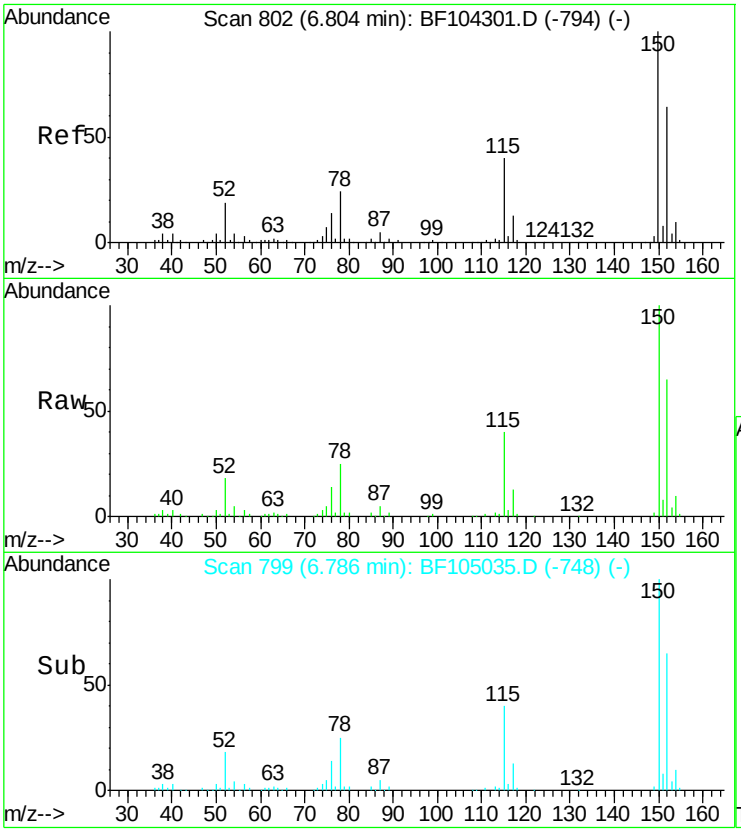
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
Data File : BF105035.D
Acq On : 2 May 2018 17:09
Operator : JU/SJ
Sample : J2616-46
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 02 18:11:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration

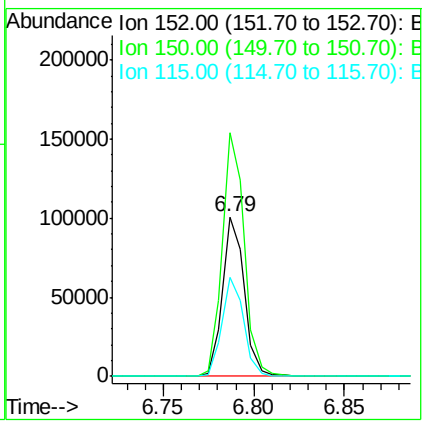




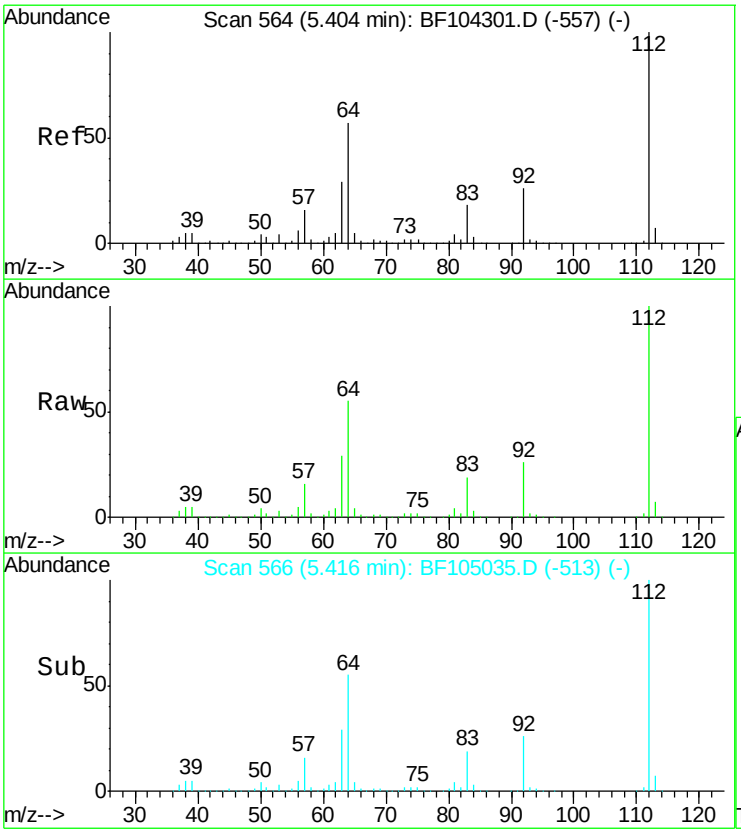
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105035.D
Acq: 2 May 2018 17:09

Tgt Ion:152 Resp: 84637

Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.6	186.8
115	61.8	50.1	75.1



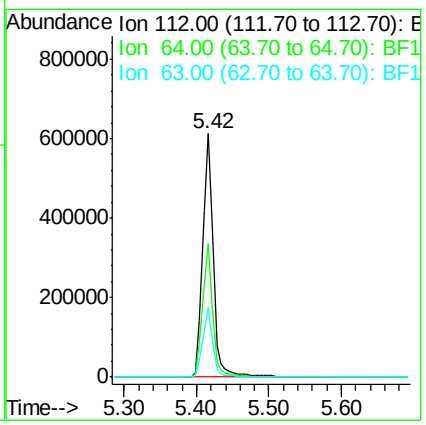
Instrument :
BNA_F
ClientSampleId :

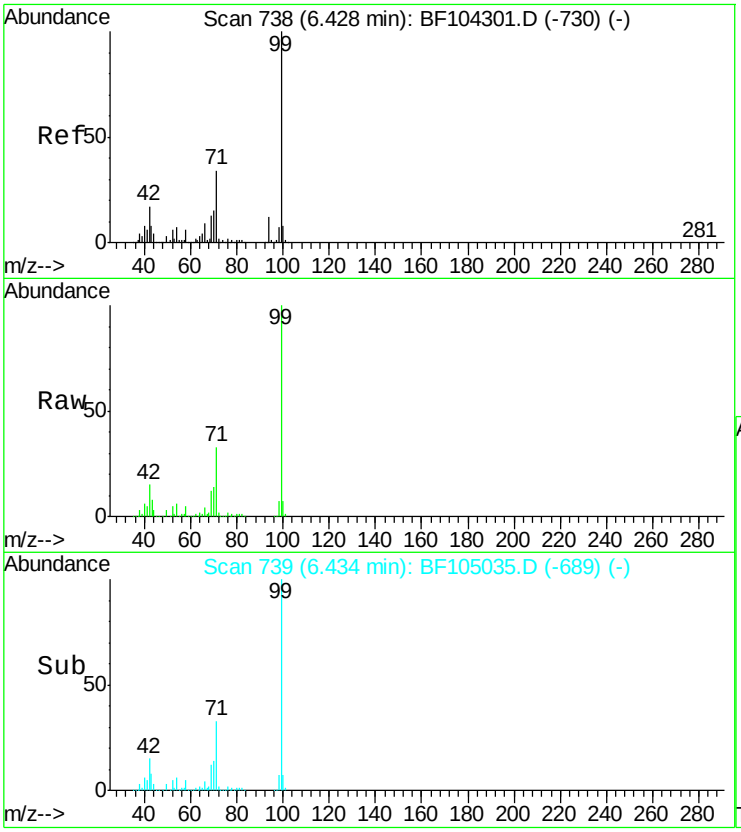


#5
2-Fluorophenol
Concen: 114.959 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF105035.D
Acq: 2 May 2018 17:09

Tgt Ion:112 Resp: 636324

Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	28.7	23.7	35.5



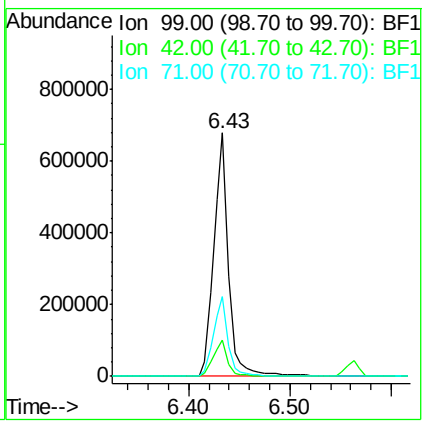


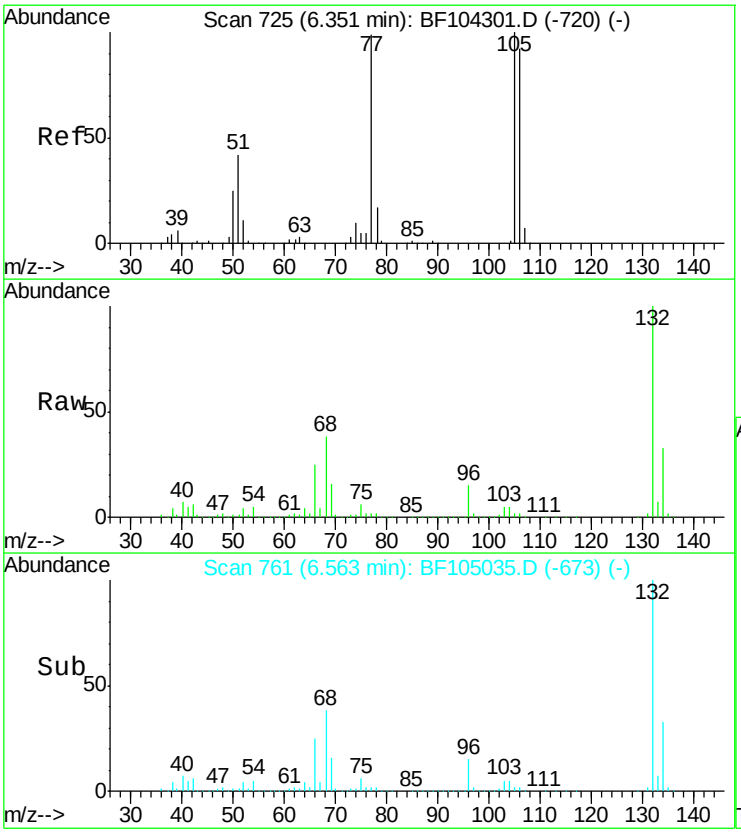
#7
Phenol-d6
Concen: 100.584 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF105035.D
Acq: 2 May 2018 17:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 684075

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	33.0	25.4	38.0

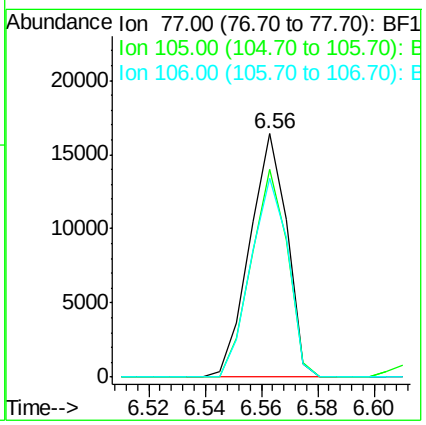


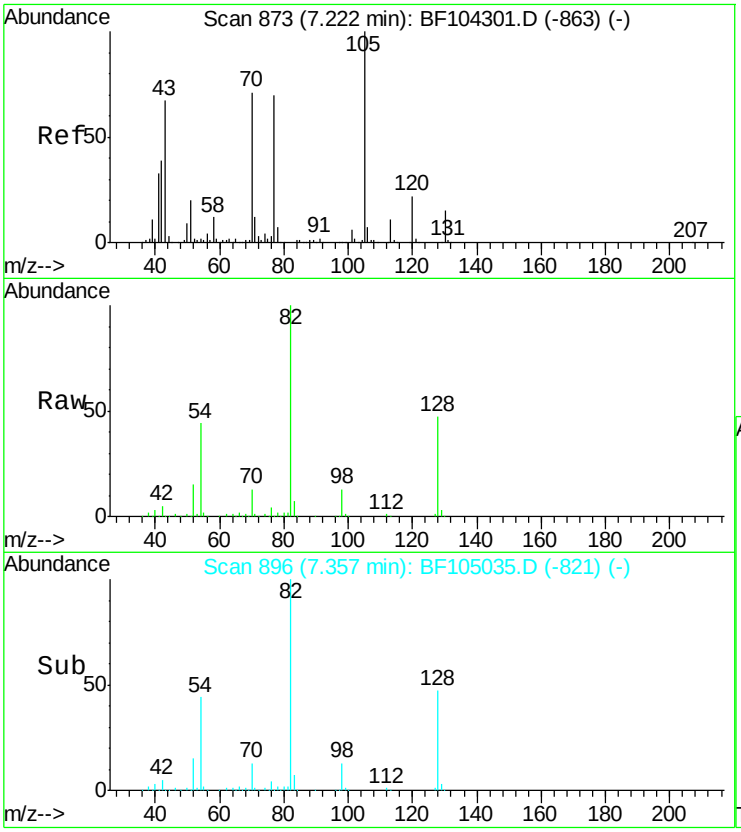


#9
Benzaldehyde
Concen: 2.078 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.22 min
Lab File: BF105035.D
Acq: 2 May 2018 17:09

Tgt Ion: 77 Resp: 14987

Ion	Ratio	Lower	Upper
77	100		
105	85.4	81.1	121.1
106	81.9	74.5	114.5



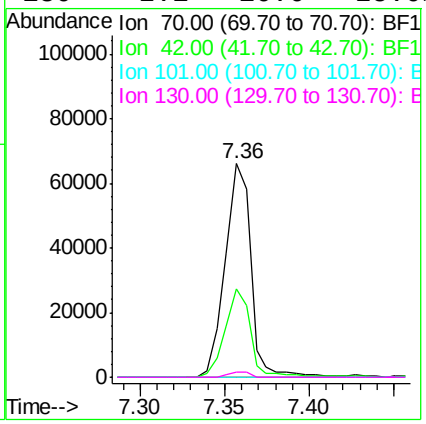


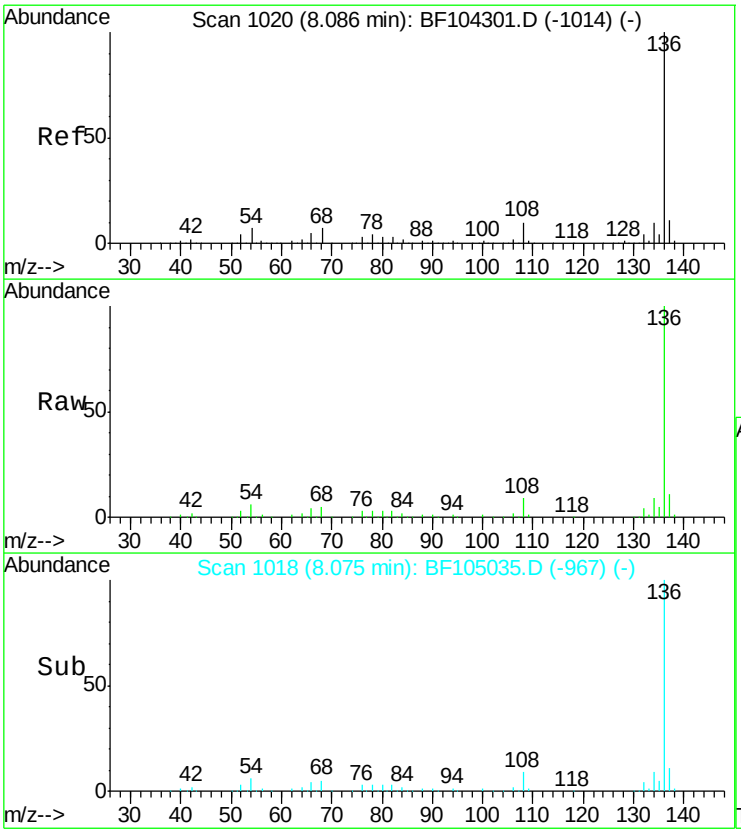
#19
n-Nitroso-di-n-propylamine
Concen: 15.722 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF105035.D
Acq: 2 May 2018 17:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 69870

Ion	Ratio	Lower	Upper
70	100		
42	41.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

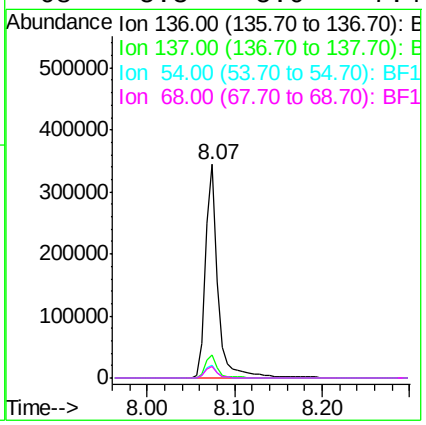


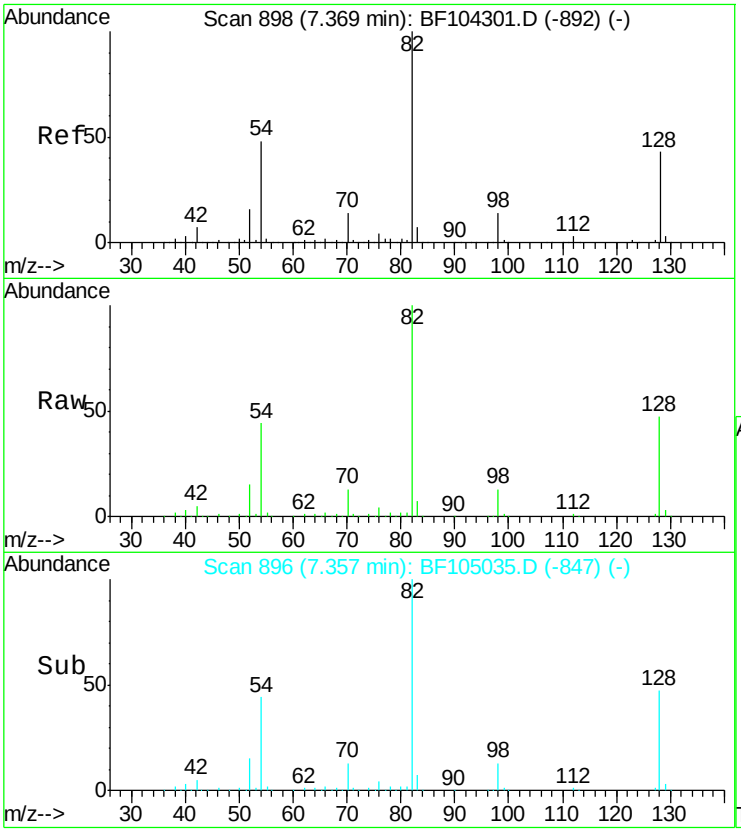


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105035.D
Acq: 2 May 2018 17:09

Tgt Ion:136 Resp: 341257

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.1	6.6	9.8#
68	5.3	5.0	7.4



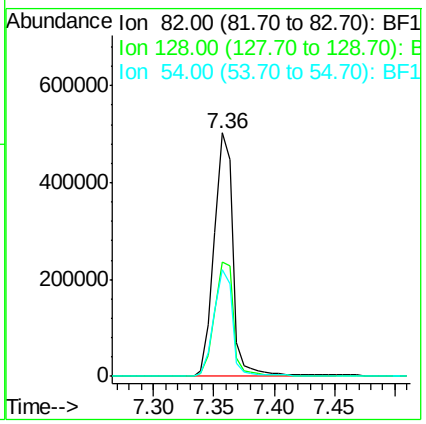


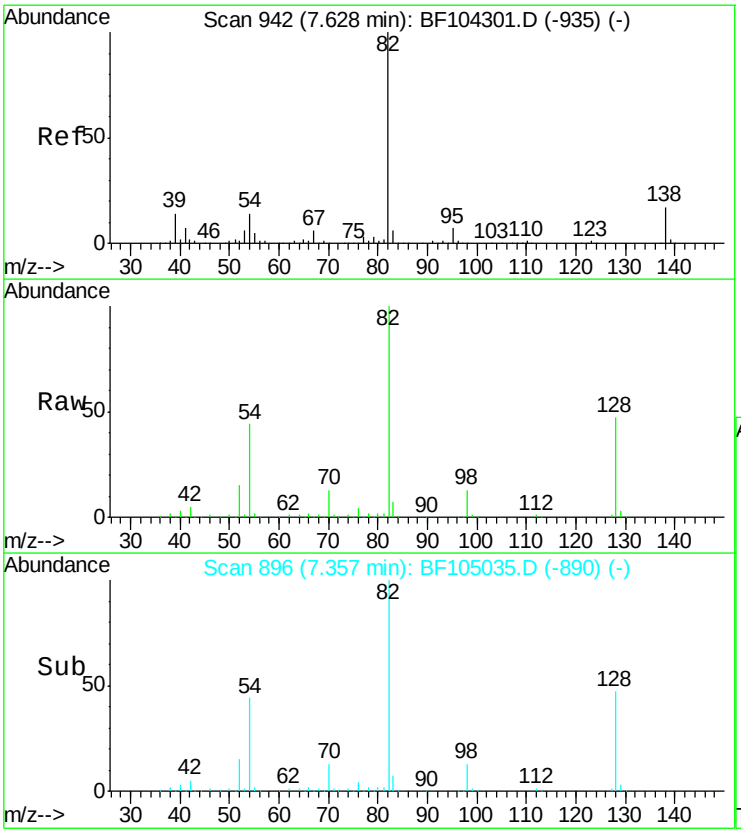
#23
Nitrobenzene-d5
Concen: 103.463 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105035.D
Acq: 2 May 2018 17:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 540714

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	43.8	41.4	62.2

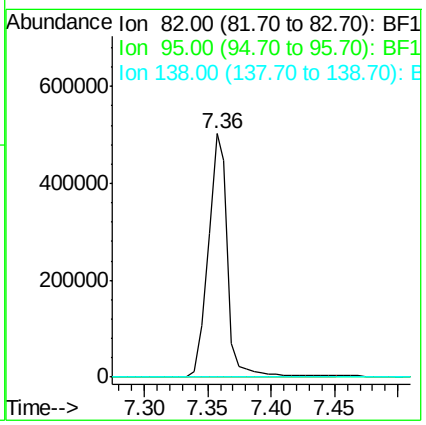


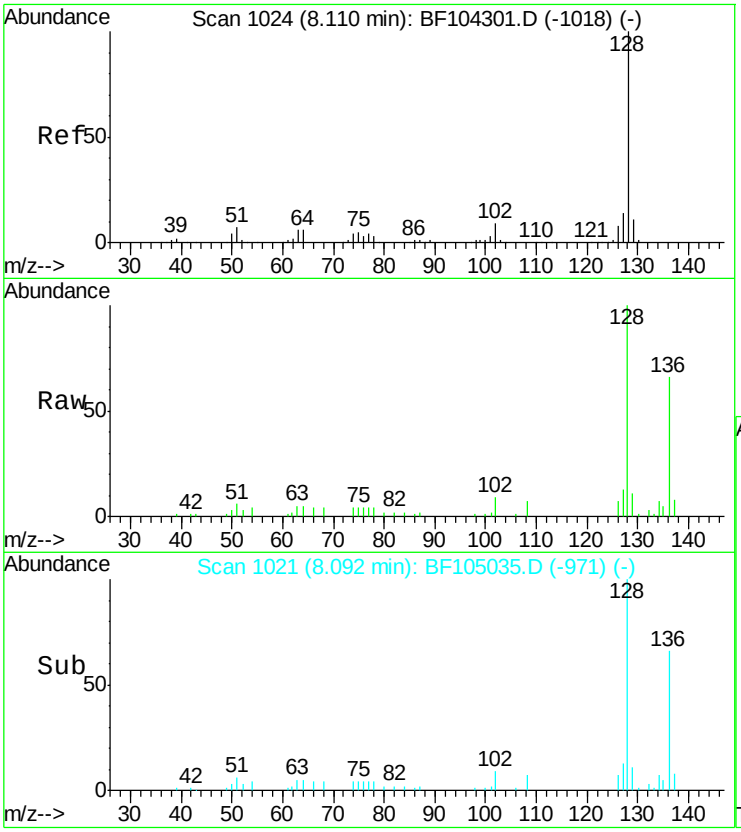


#25
Isophorone
Concen: 48.927 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF105035.D
Acq: 2 May 2018 17:09

Tgt Ion: 82 Resp: 540707

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



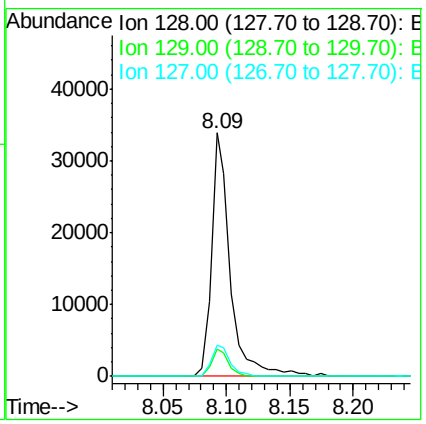


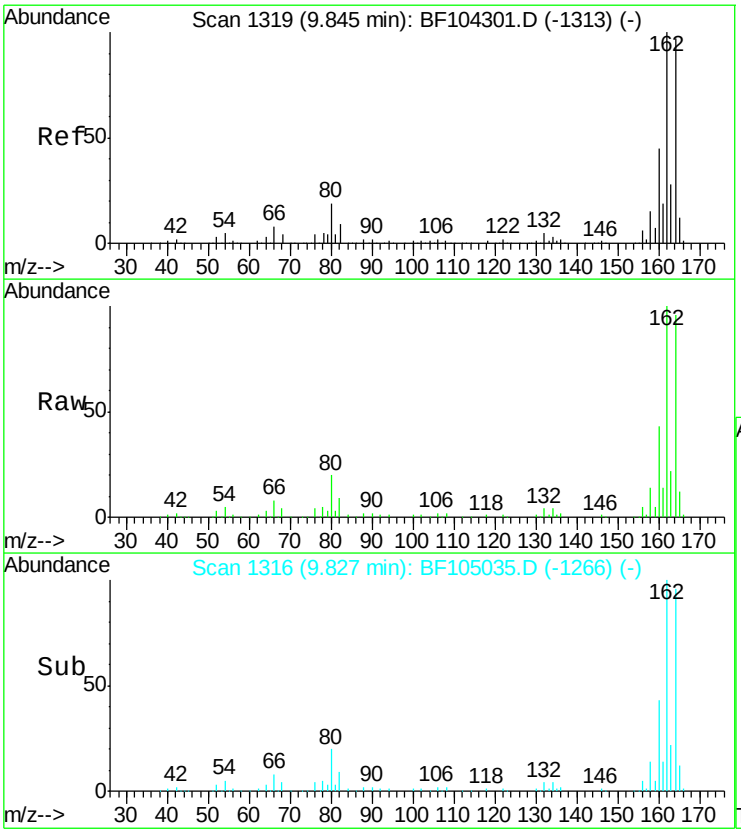
#31
Naphthalene
Concen: 2.067 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF105035.D
Acq: 2 May 2018 17:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 35127

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.6	10.9	16.3

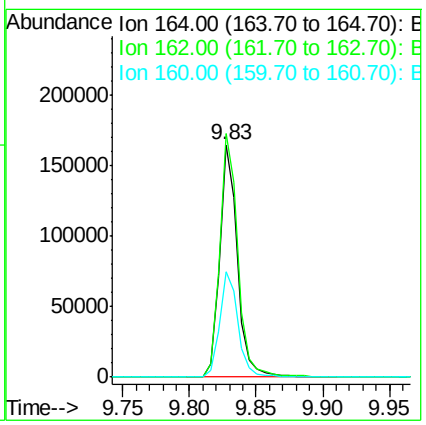


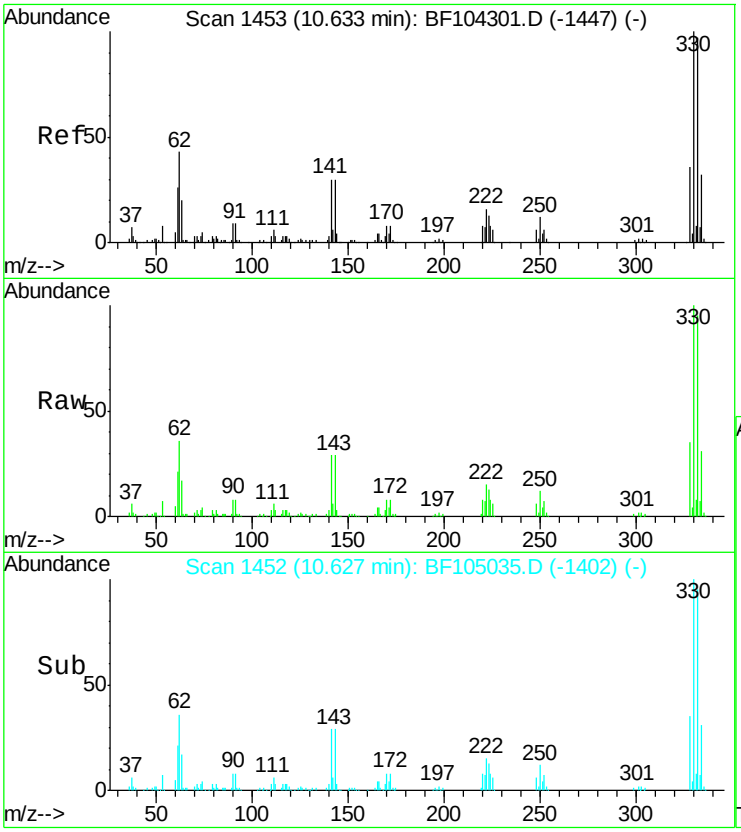


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105035.D
Acq: 2 May 2018 17:09

Tgt Ion:164 Resp: 155025

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	45.5	38.3	57.5



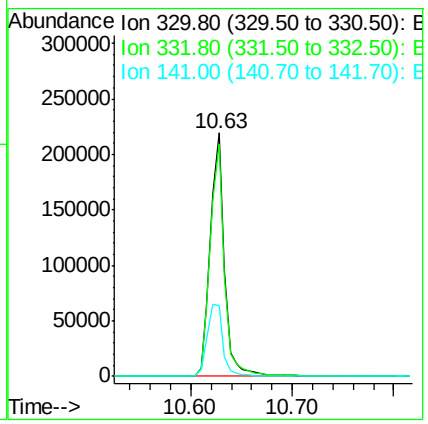


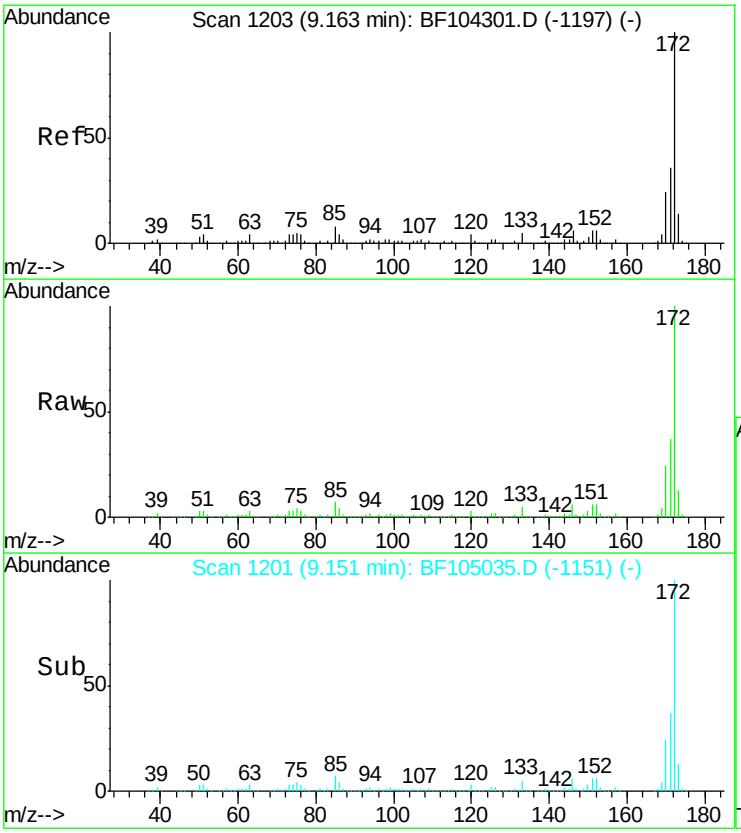
#41
2,4,6-Tribromophenol
Concen: 133.652 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF105035.D
Acq: 2 May 2018 17:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 214928

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.1	29.9	44.9

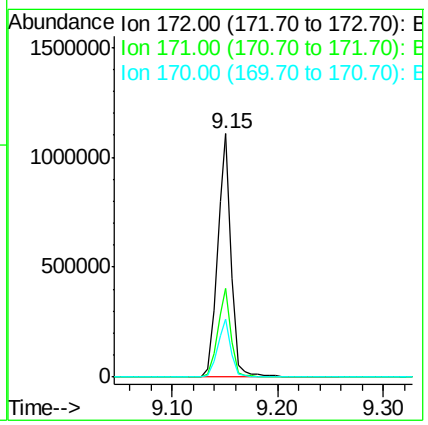


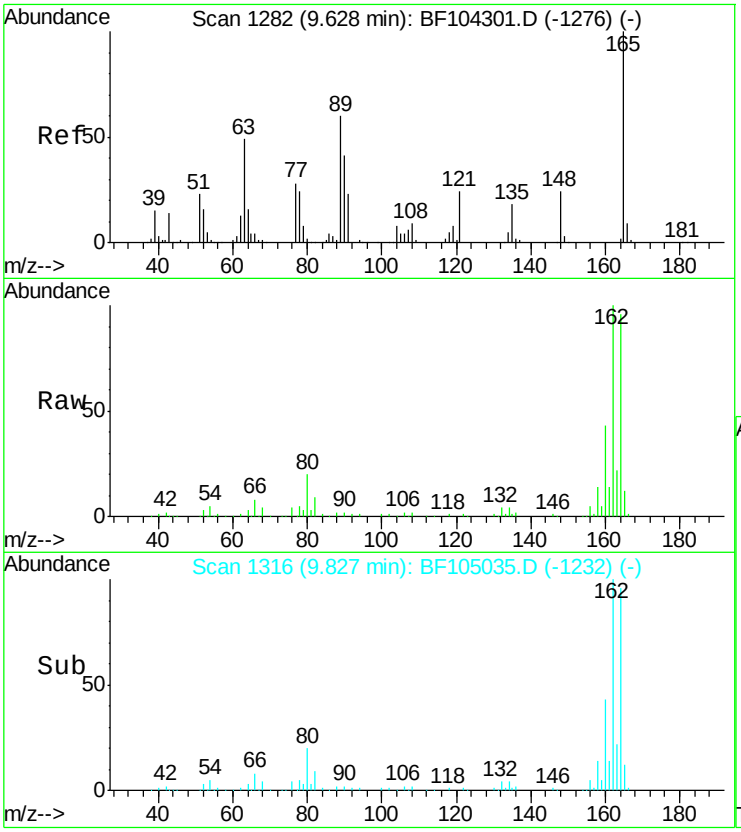


#44
2-Fluorobiphenyl
Concen: 102.776 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF105035.D
Acq: 2 May 2018 17:09

Tgt Ion:172 Resp: 1008569

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.1	19.6	29.4



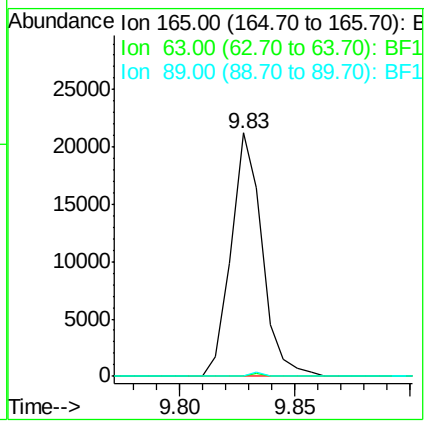


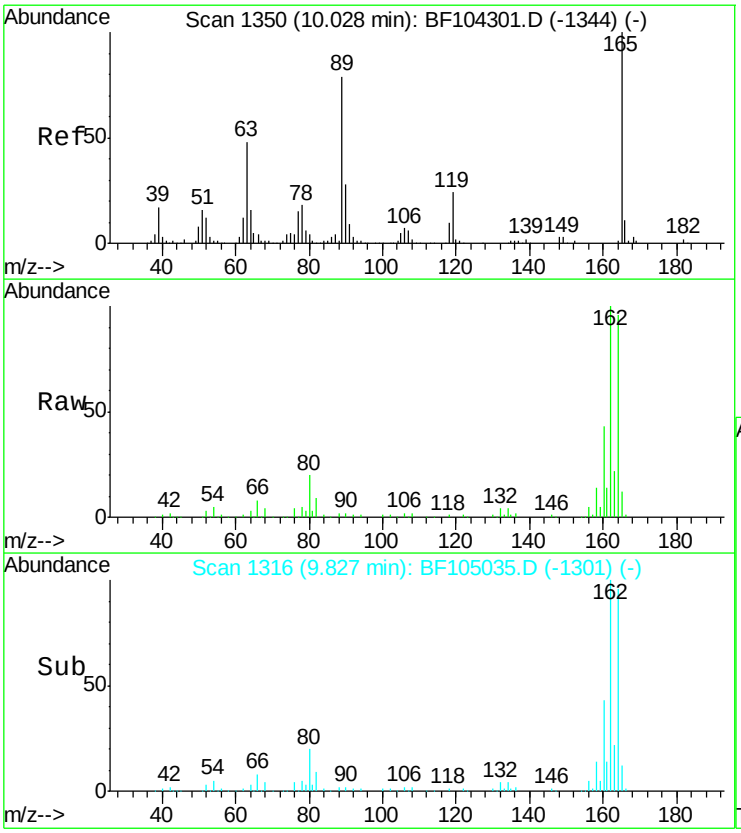
#50
2,6-Dinitrotoluene
Concen: 8.778 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF105035.D
Acq: 2 May 2018 17:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19857

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

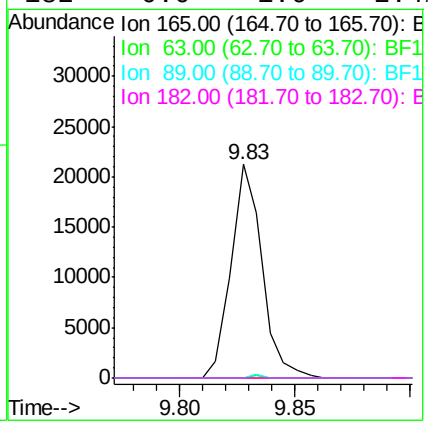


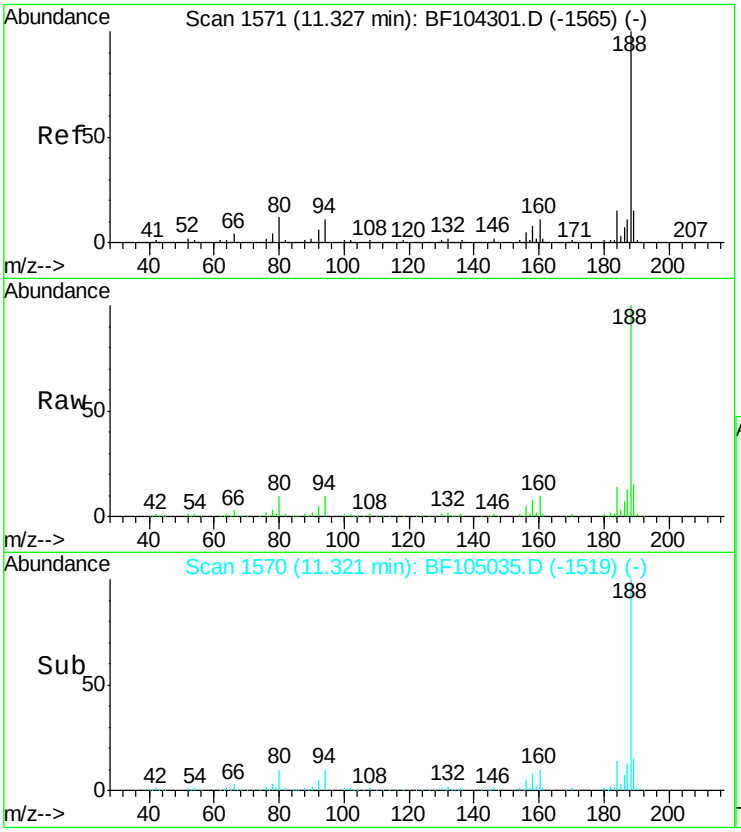


#56
2,4-Dinitrotoluene
Concen: 6.692 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF105035.D
Acq: 2 May 2018 17:09

Tgt Ion:165 Resp: 19857

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#



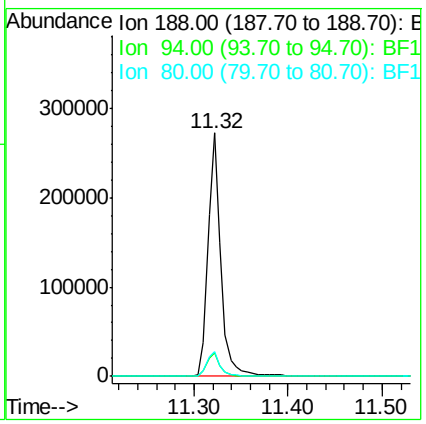


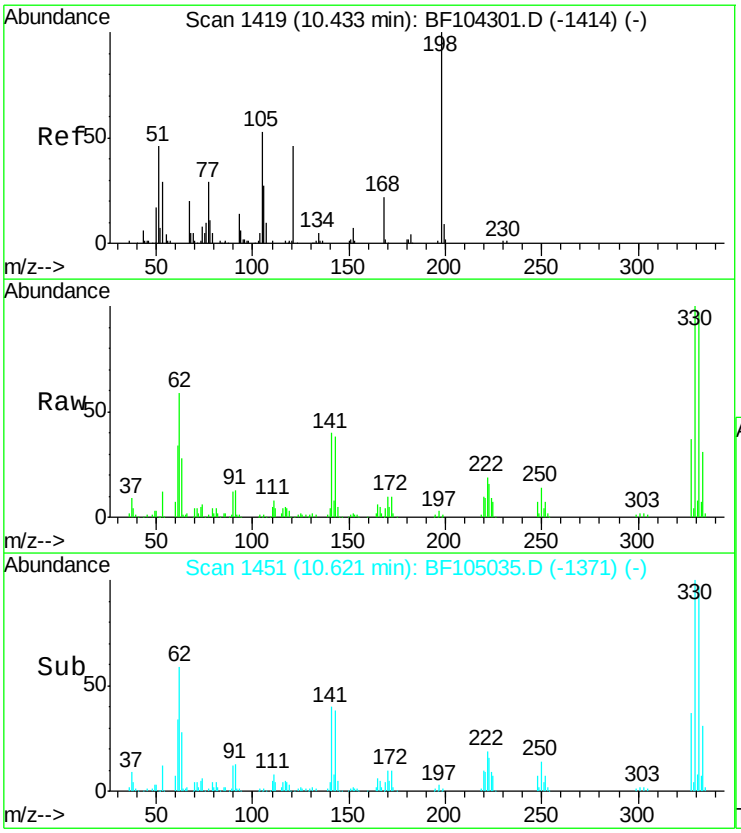
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105035.D
Acq: 2 May 2018 17:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 263167

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.1	9.2	13.8

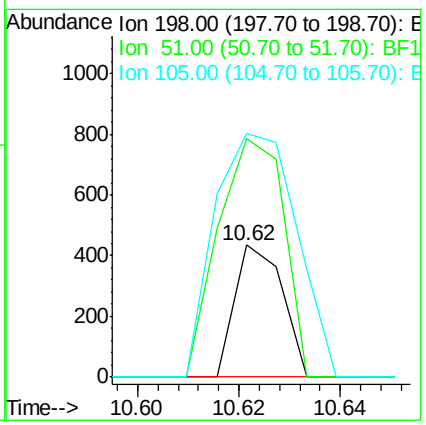


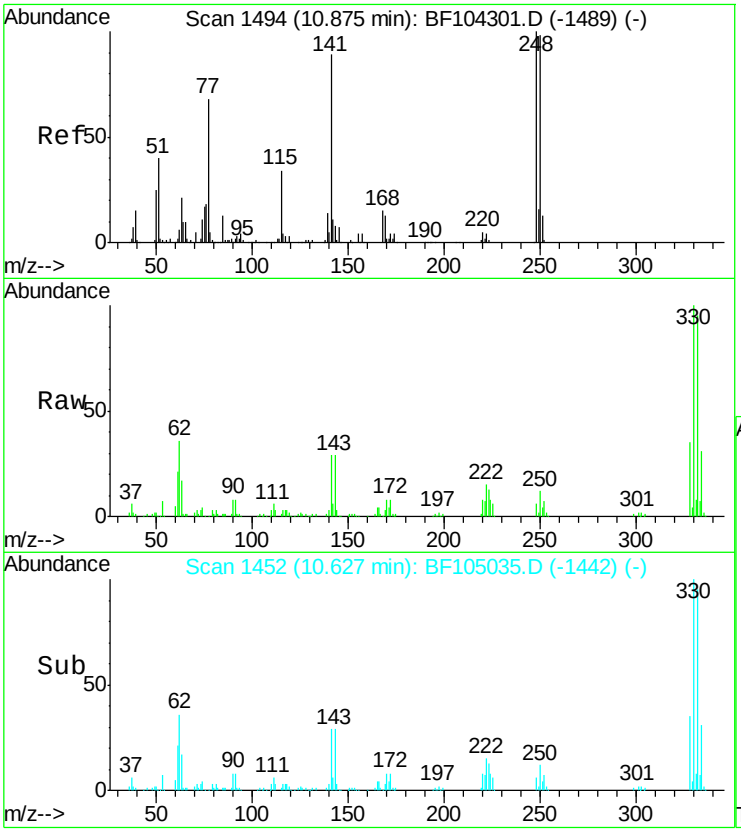


#64
4,6-Dinitro-2-methylphenol
Concen: 7.533 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.17 min
Lab File: BF105035.D
Acq: 2 May 2018 17:09

Tgt Ion:198 Resp: 282

Ion	Ratio	Lower	Upper
198	100		
51	180.7	37.7	77.7#
105	184.4	36.3	76.3#



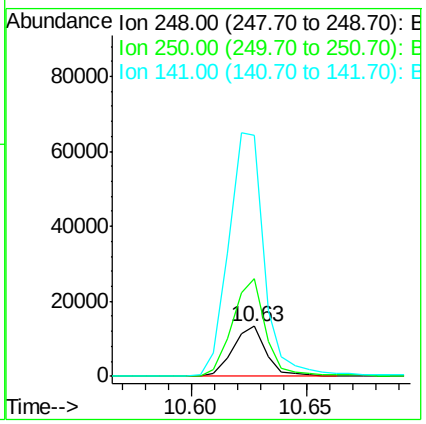


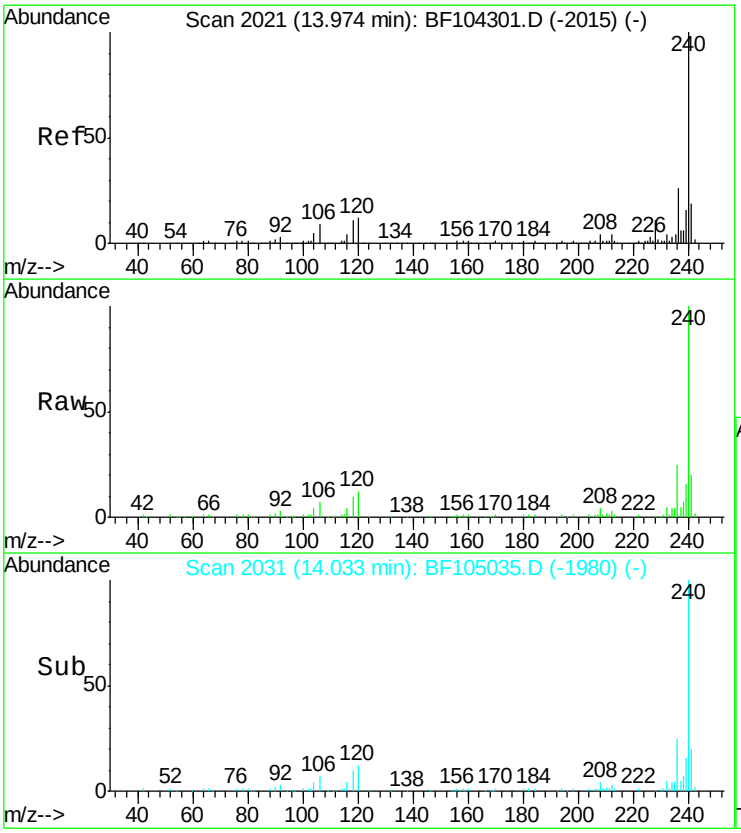
#66
4-Bromophenyl-phenylether
Concen: 4.731 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF105035.D
Acq: 2 May 2018 17:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13242

Ion	Ratio	Lower	Upper
248	100		
250	196.6	76.9	115.3#
141	483.4	74.4	111.6#

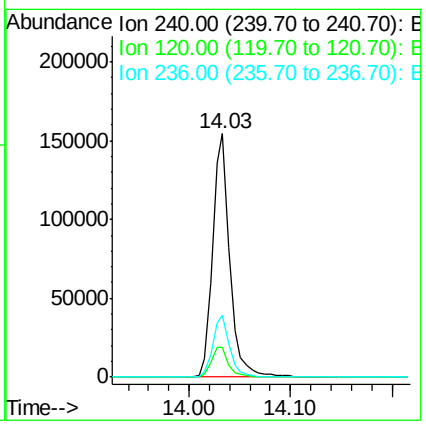


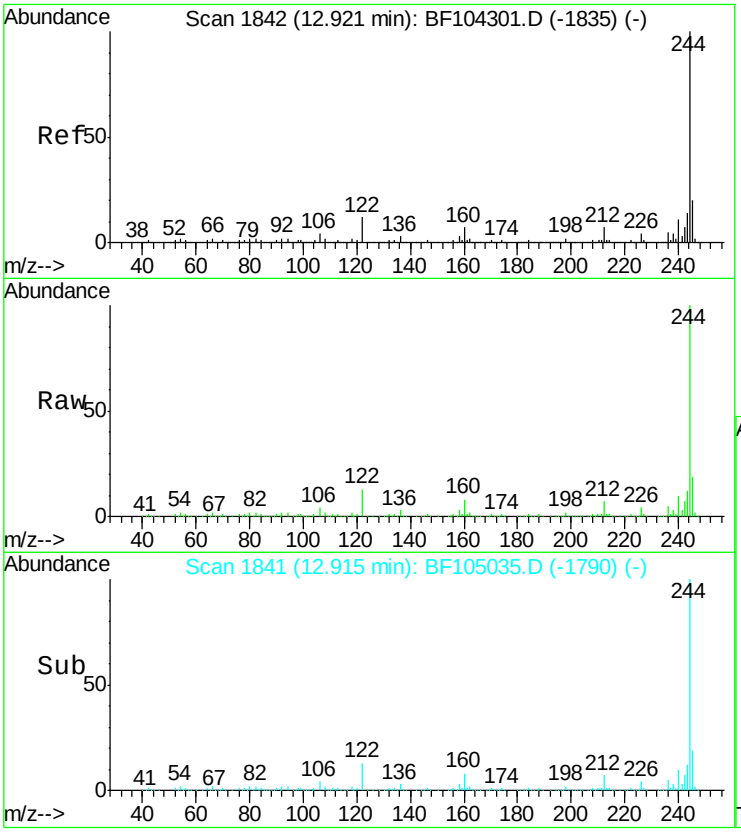


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF105035.D
Acq: 2 May 2018 17:09

Tgt Ion:240 Resp: 180445

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.5	20.7	31.1



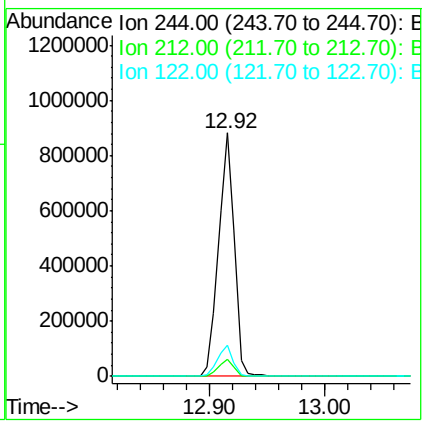


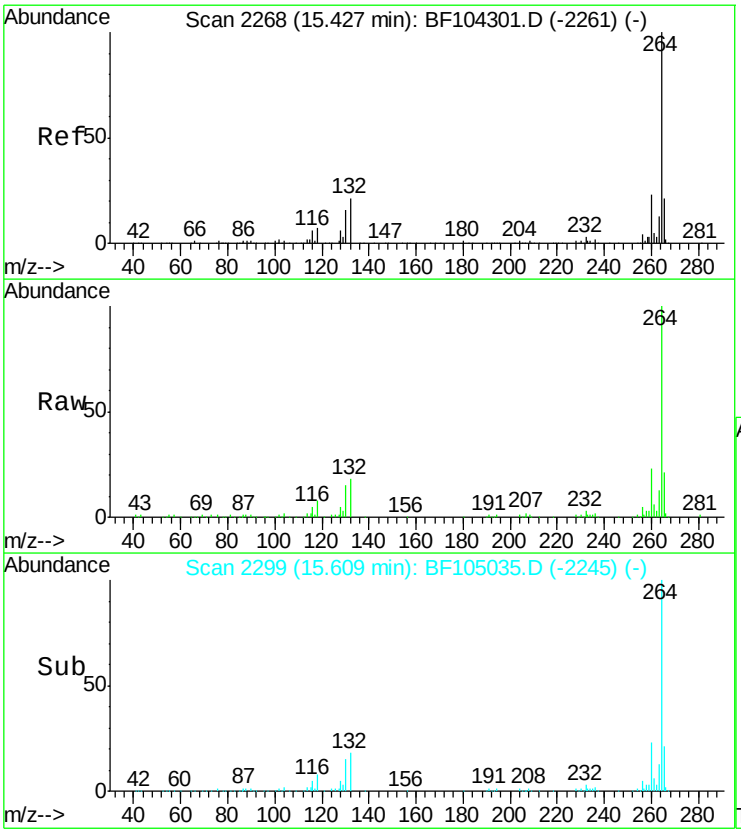
#78
Terphenyl-d14
Concen: 105.930 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF105035.D
Acq: 2 May 2018 17:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 838422

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.02 min
Lab File: BF105035.D
Acq: 2 May 2018 17:09

Tgt Ion:264 Resp: 167388

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.6	17.5	26.3