Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
Data File : BF105033.D
Acq On : 2 May 2018 16:15
Operator : JU/SJ
Sample : J2616-30
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 02 17:29:15 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	79060	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	330722	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	149578	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	265772	20.00	ng	0.00
75) Chrysene-d12	14.03	240	194072	20.00	ng	0.00
86) Perylene-d12	15.61	264	176145	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	580705	112.31	ng	0.01
7) Phenol-d6	6.43	99	626447	98.61	ng	0.00
23) Nitrobenzene-d5	7.36	82	470916	92.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	209960	135.32	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	909135	96.02	ng	0.00
78) Terphenyl-d14	12.92	244	838425	98.49	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	60593	14.596	ng	# 74
25) Isophorone	7.36	82	468011	43.698	ng	# 64
27) 2,4-Dimethylphenol	7.85	122	15923	3.369	ng	# 4
32) Benzoic acid	7.85	122	15923	4.222	ng	94
50) 2,6-Dinitrotoluene	9.83	165	19040	8.724	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	19040	6.650	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.63	198	299	7.543	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	12769	4.517	ng	# 1
76) Benzidine	12.92	184	10648	Below Cal		# 94

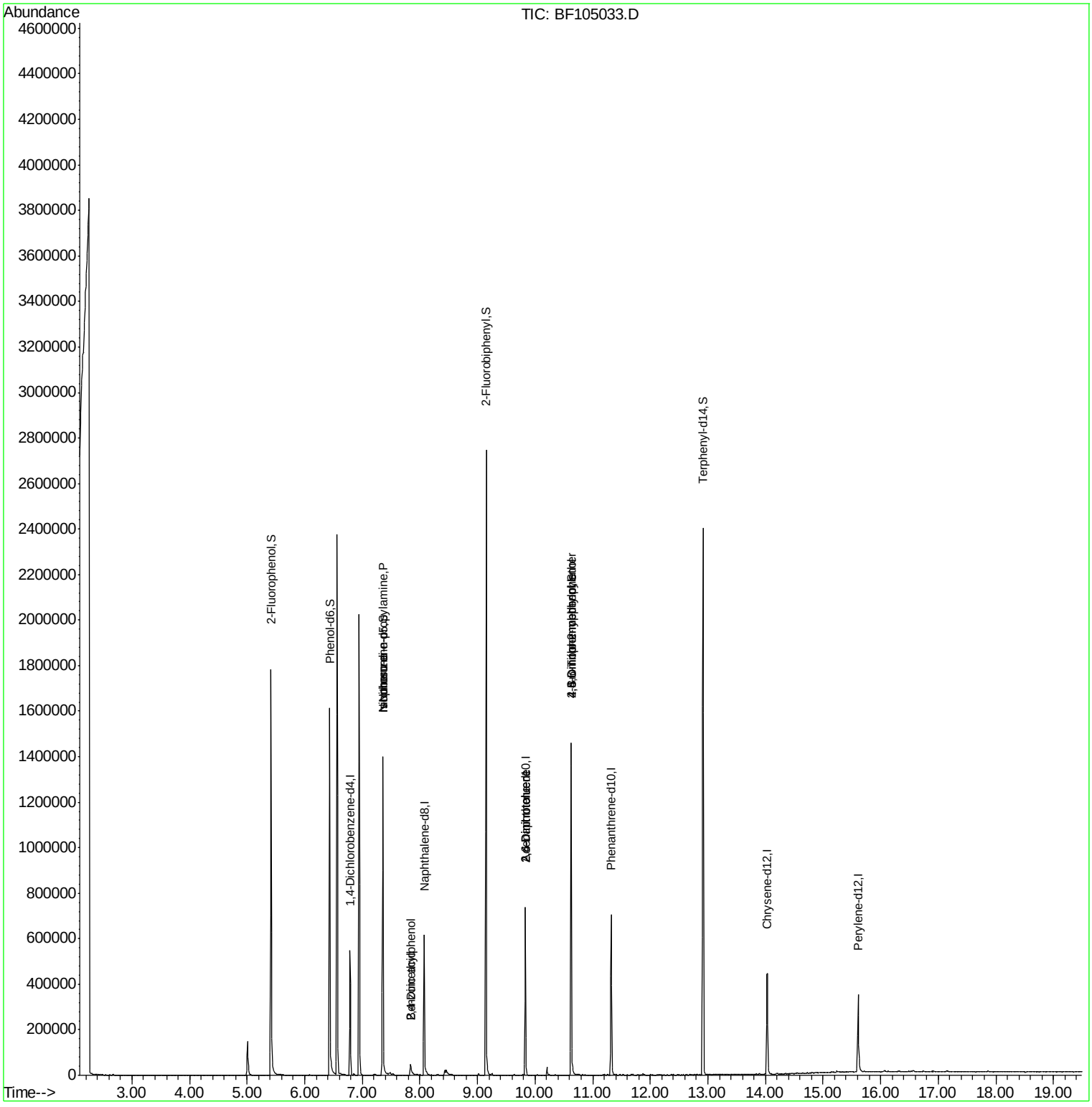
(#) = qualifier out of range (m) = manual integration (+) = signals summed

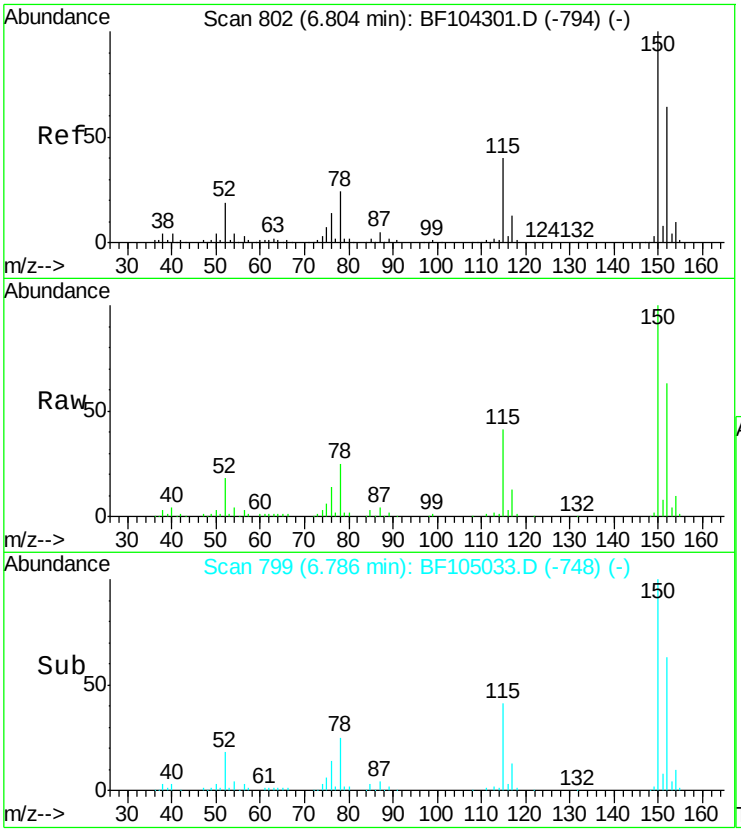
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
Data File : BF105033.D
Acq On : 2 May 2018 16:15
Operator : JU/SJ
Sample : J2616-30
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 02 17:29:15 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



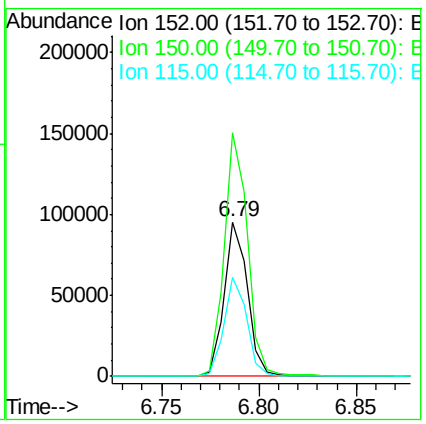


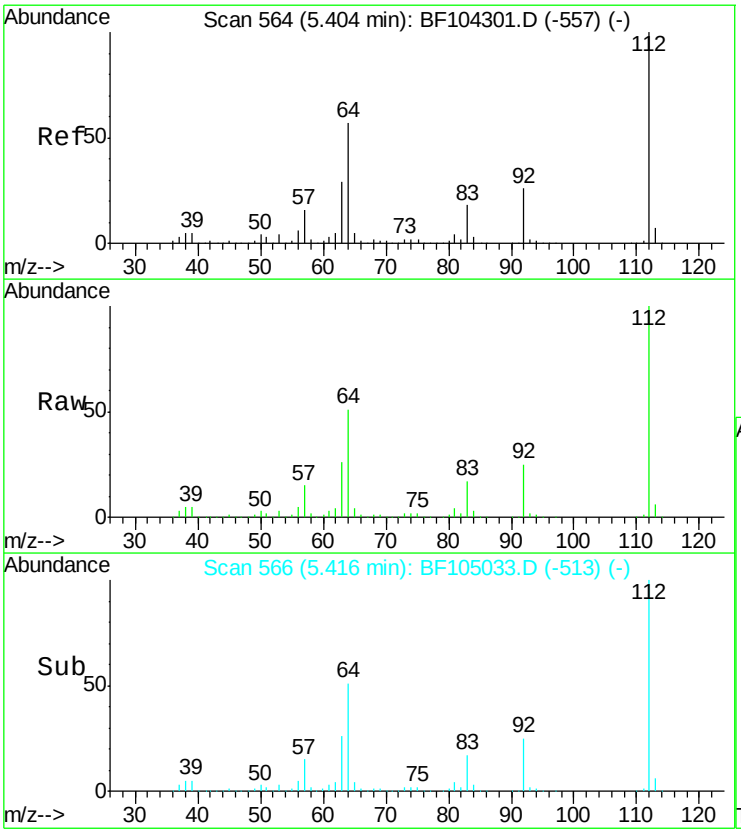
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 79060

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	64.1	50.1	75.1

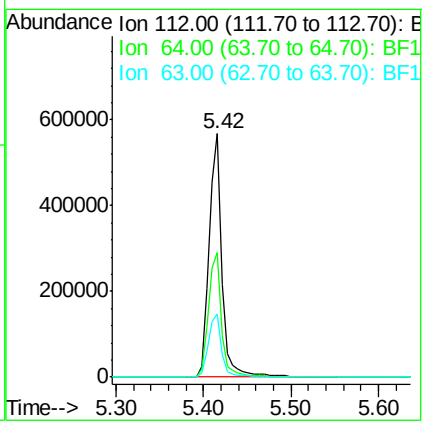


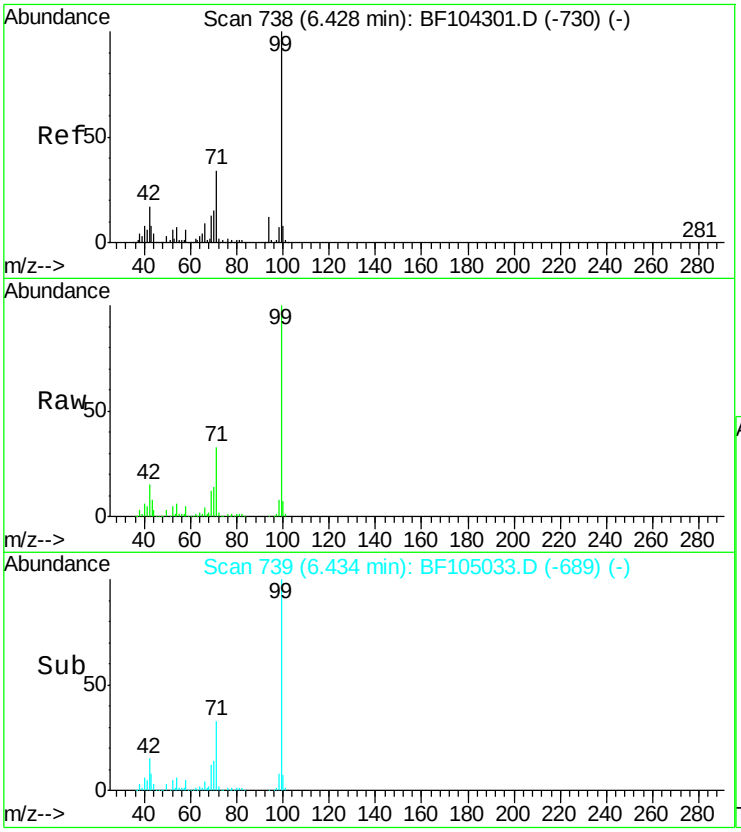


#5
2-Fluorophenol
Concen: 112.311 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Tgt Ion:112 Resp: 580705

Ion	Ratio	Lower	Upper
112	100		
64	51.2	47.9	71.9
63	26.0	23.7	35.5



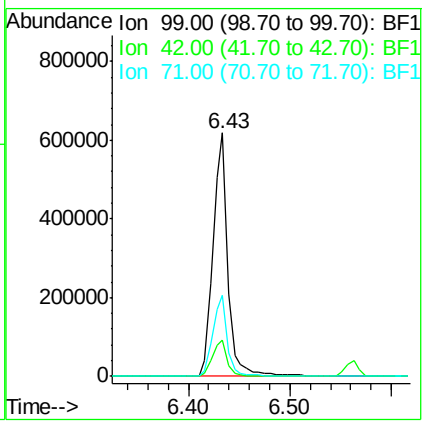


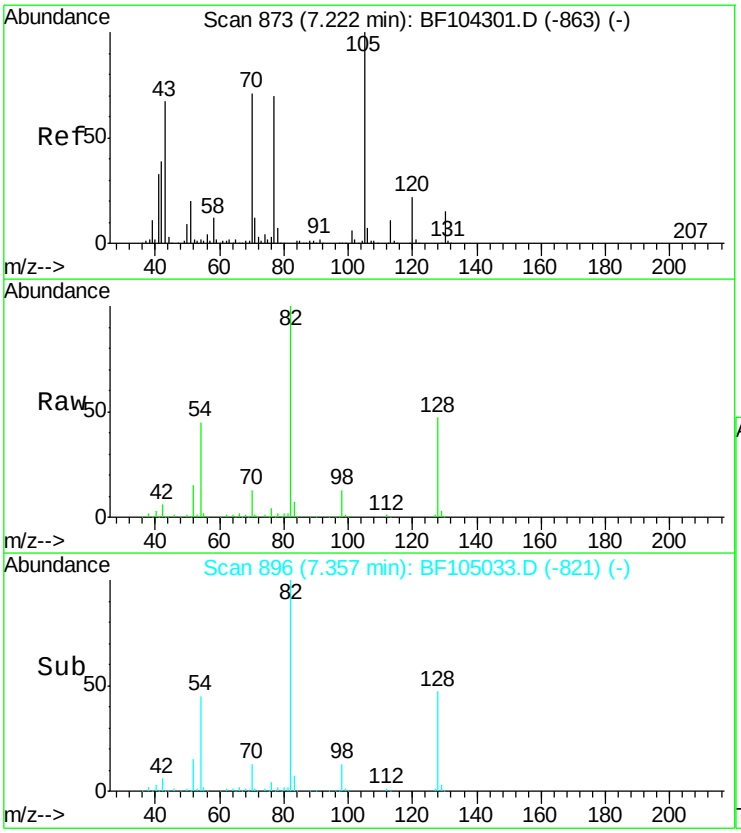
#7
Phenol-d6
Concen: 98.608 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 626447

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	33.4	25.4	38.0

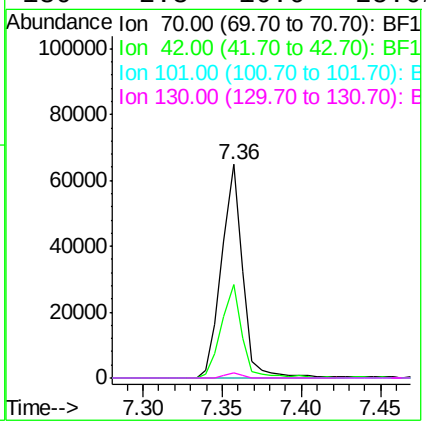


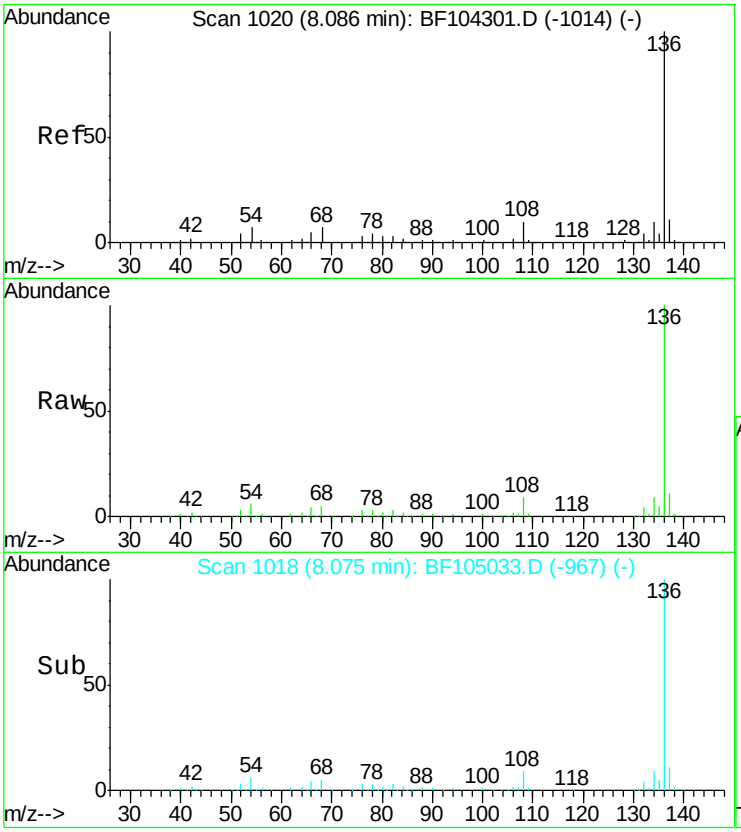


#19
n-Nitroso-di-n-propylamine
Concen: 14.596 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Tgt Ion: 70 Resp: 60593

Ion	Ratio	Lower	Upper
70	100		
42	43.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



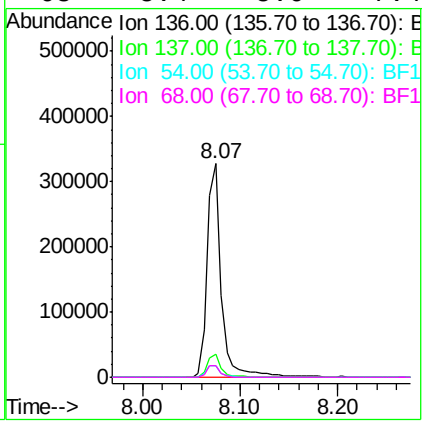


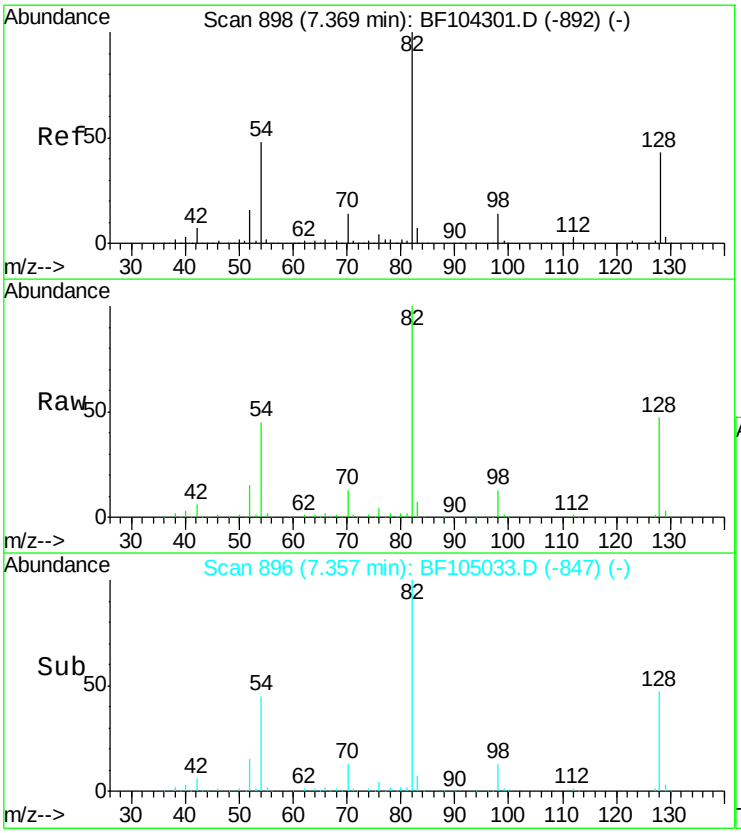
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 330722

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	5.5	6.6	9.8#
68	5.4	5.0	7.4

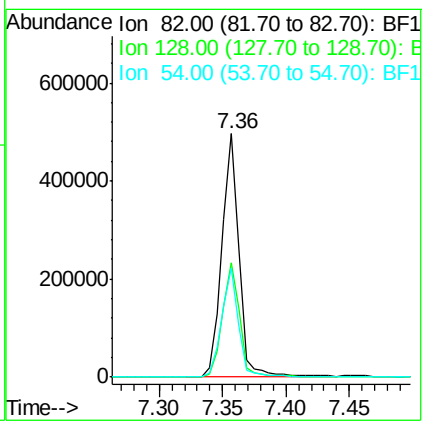


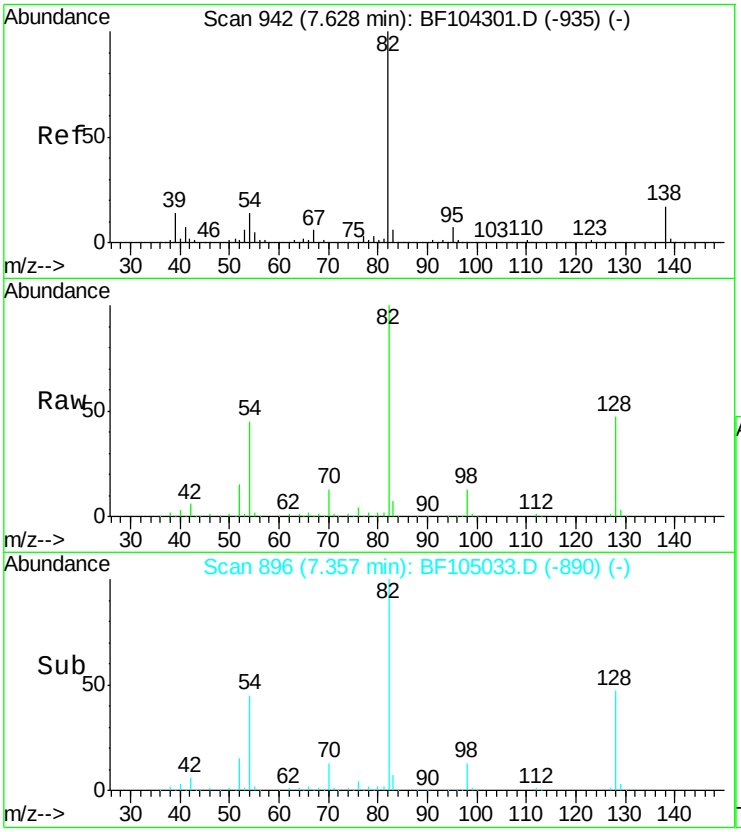


#23
Nitrobenzene-d5
Concen: 92.978 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Tgt Ion: 82 Resp: 470916

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	44.8	41.4	62.2



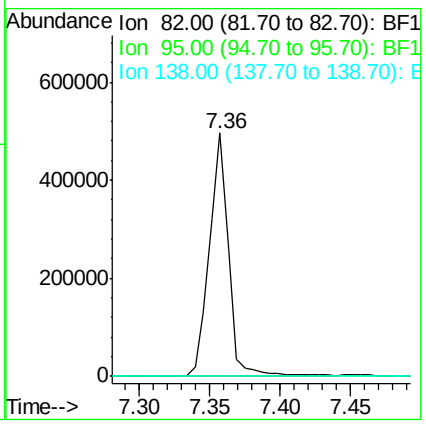


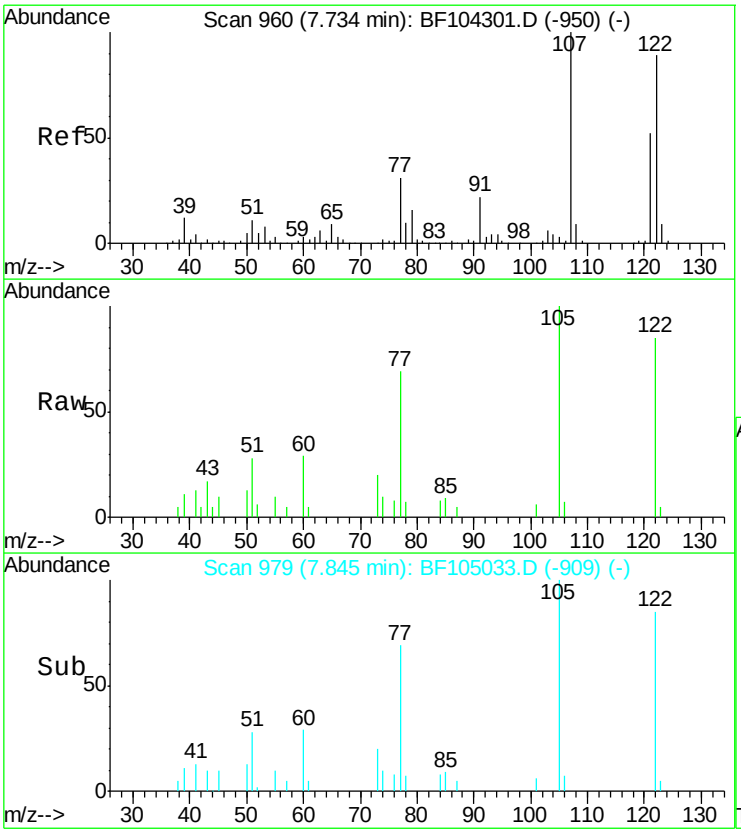
#25
Isophorone
Concen: 43.698 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 468011

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

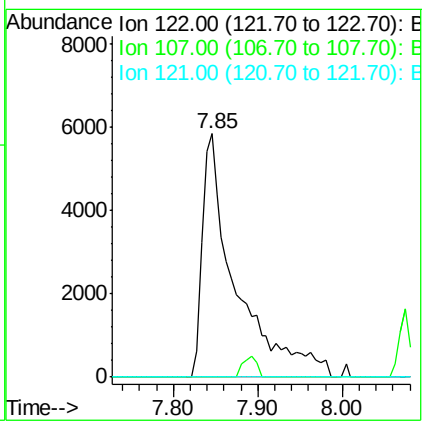


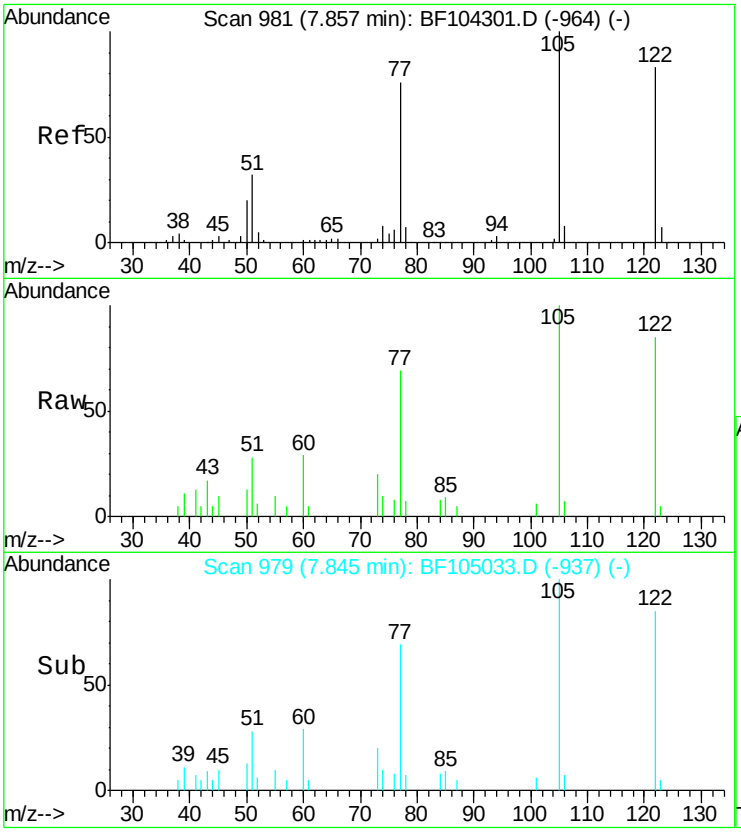


#27
2,4-Dimethylphenol
Concen: 3.369 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.11 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Tgt Ion:122 Resp: 15923

Ion	Ratio	Lower	Upper
122	100		
107	0.0	91.2	136.8#
121	0.0	47.2	70.8#



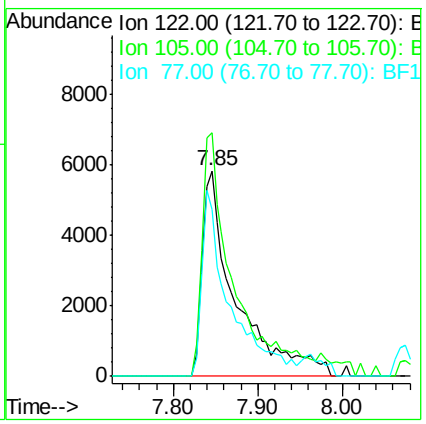


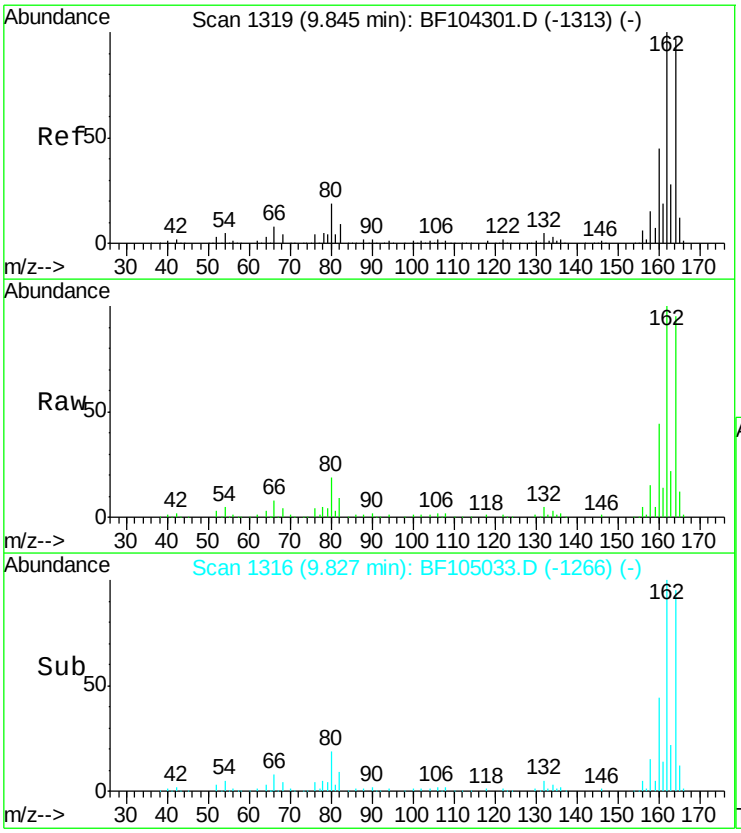
#32
Benzoic acid
Concen: 4.222 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.05 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 15923

Ion	Ratio	Lower	Upper
122	100		
105	118.3	101.1	141.1
77	81.2	70.7	110.7

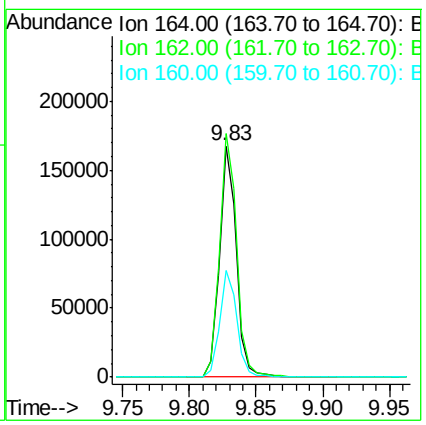


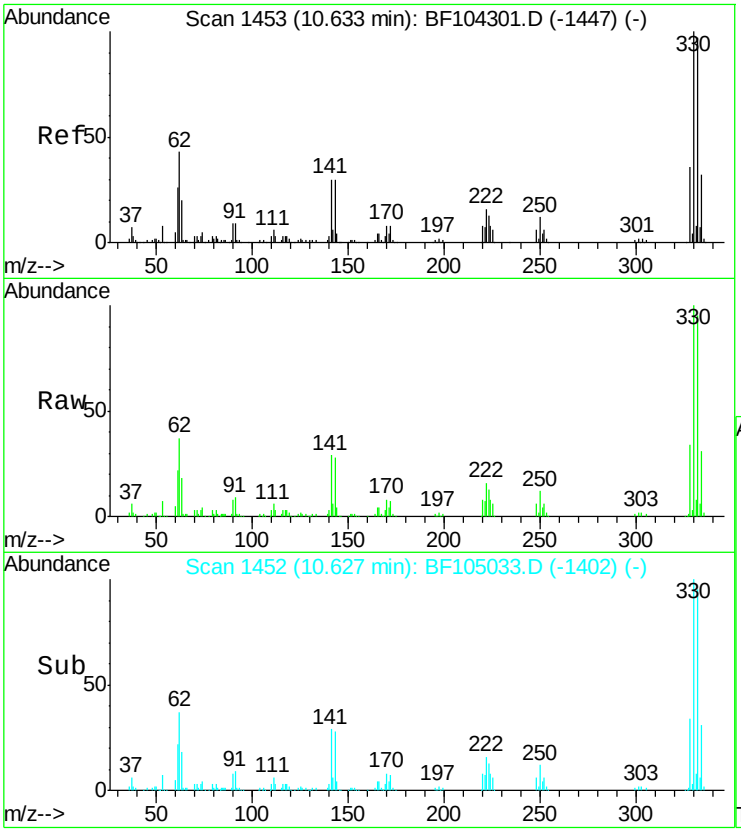


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Tgt Ion:164 Resp: 149578

Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	45.8	38.3	57.5



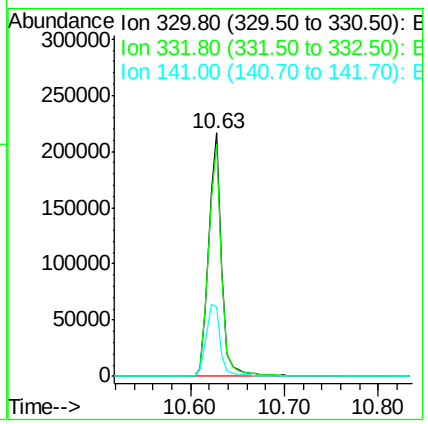


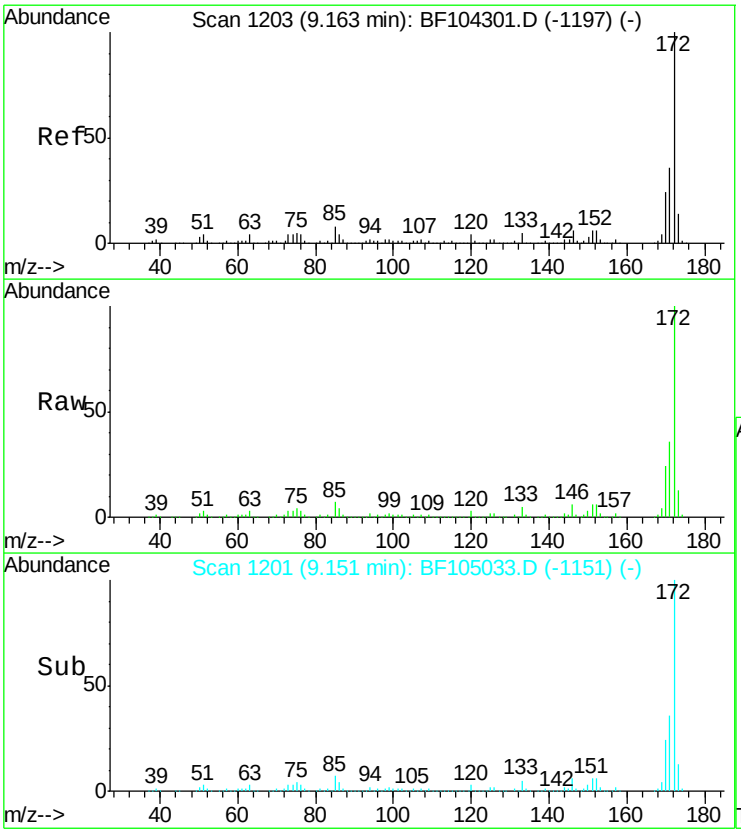
#41
2,4,6-Tribromophenol
Concen: 135.317 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 209960

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.0	29.9	44.9

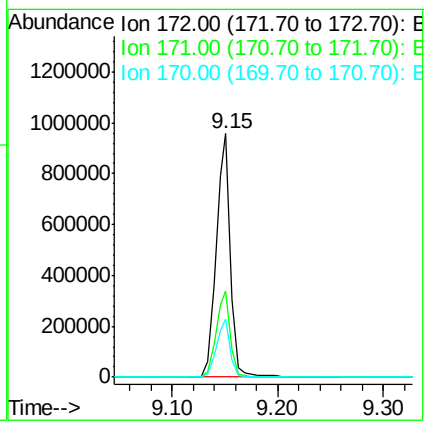


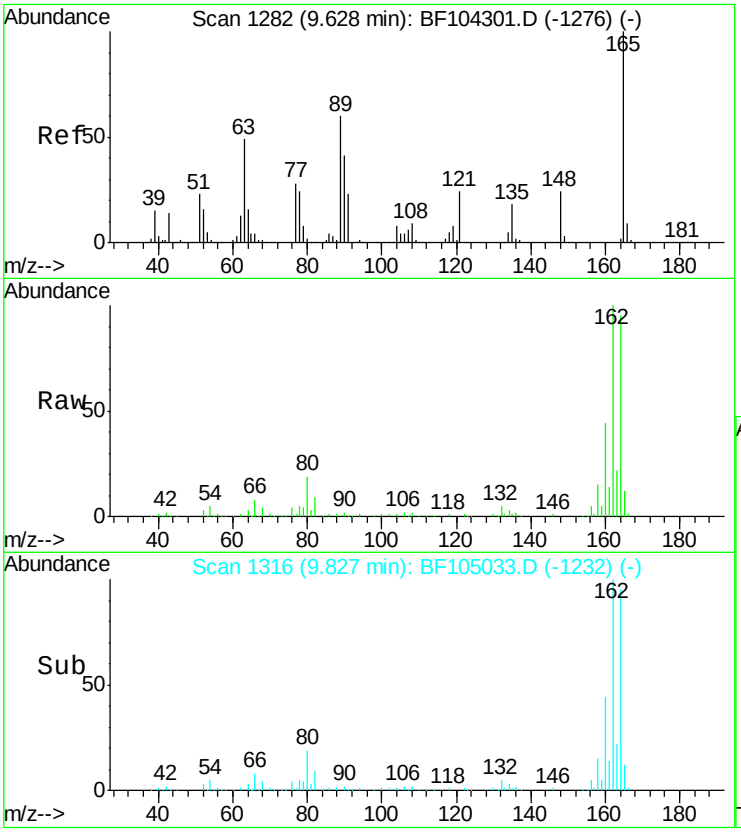


#44
2-Fluorobiphenyl
Concen: 96.017 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Tgt Ion:172 Resp: 909135

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.0	19.6	29.4



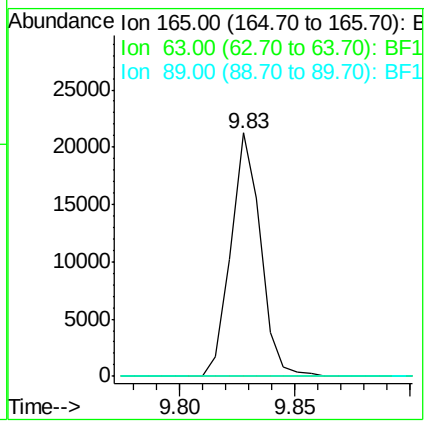


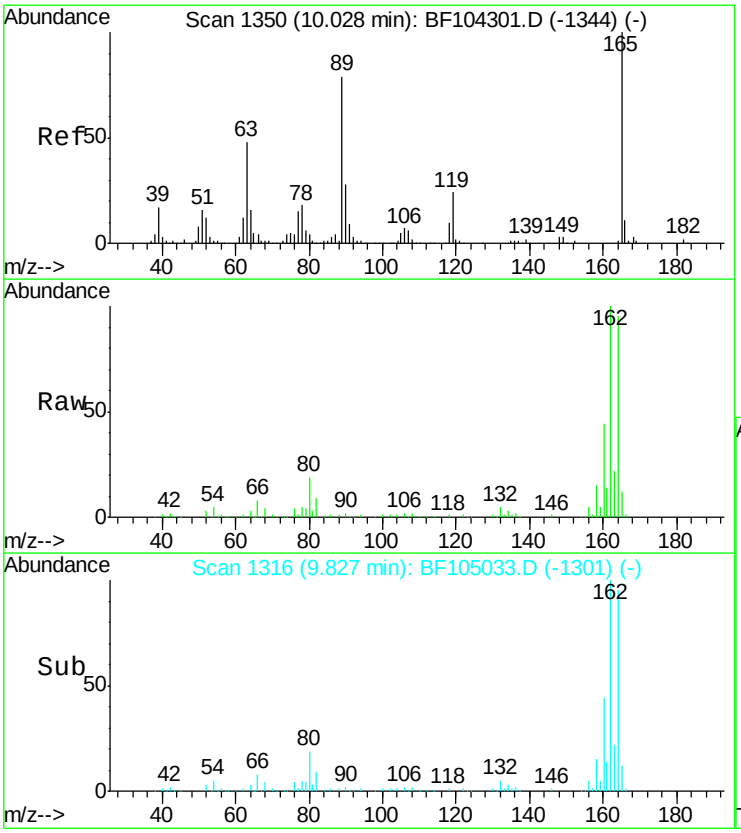
#50
2,6-Dinitrotoluene
Concen: 8.724 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19040

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

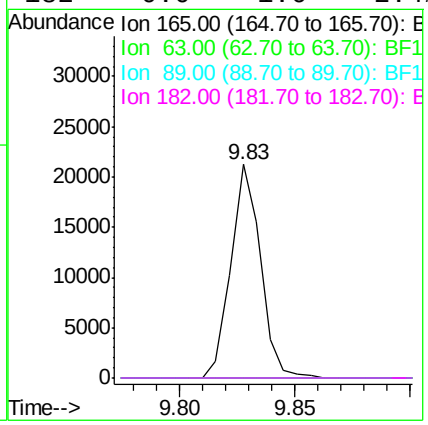


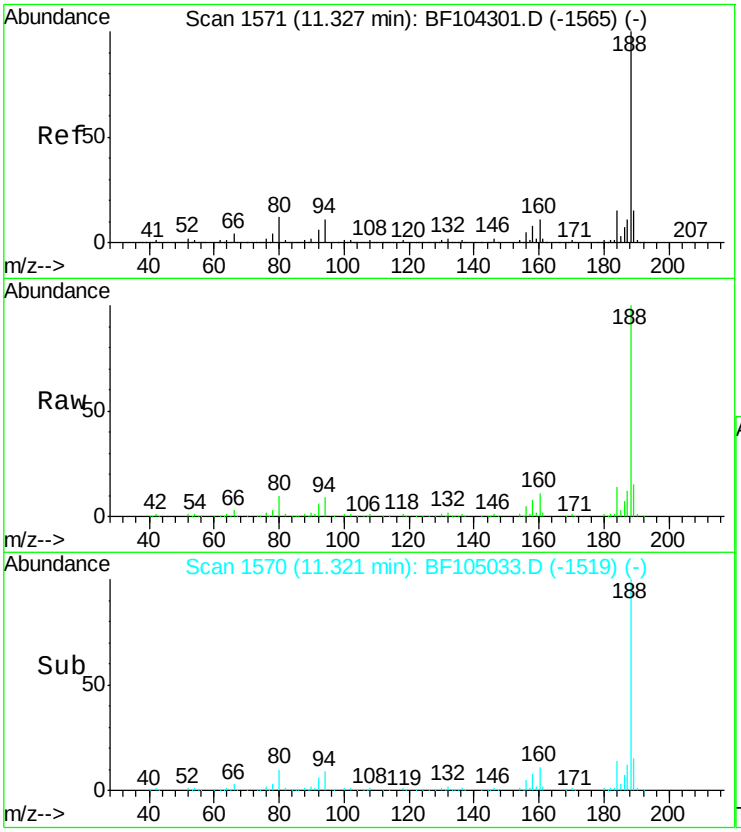


#56
2,4-Dinitrotoluene
Concen: 6.650 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Tgt Ion:165 Resp: 19040

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#



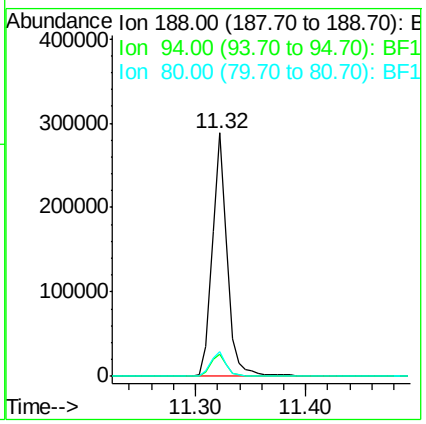


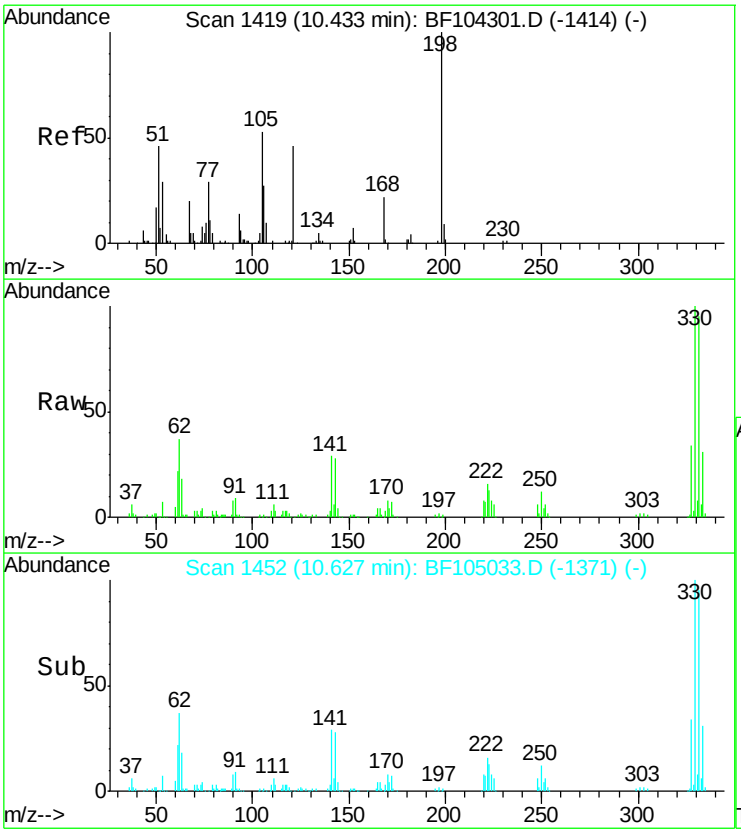
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 265772

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.1	9.2	13.8

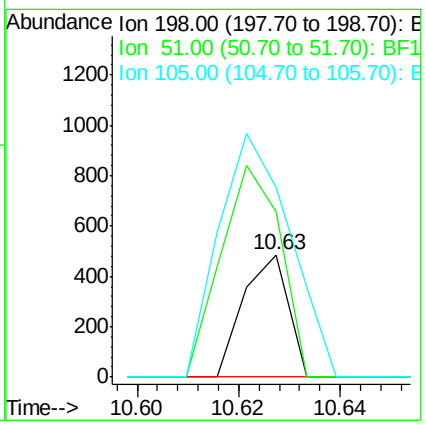


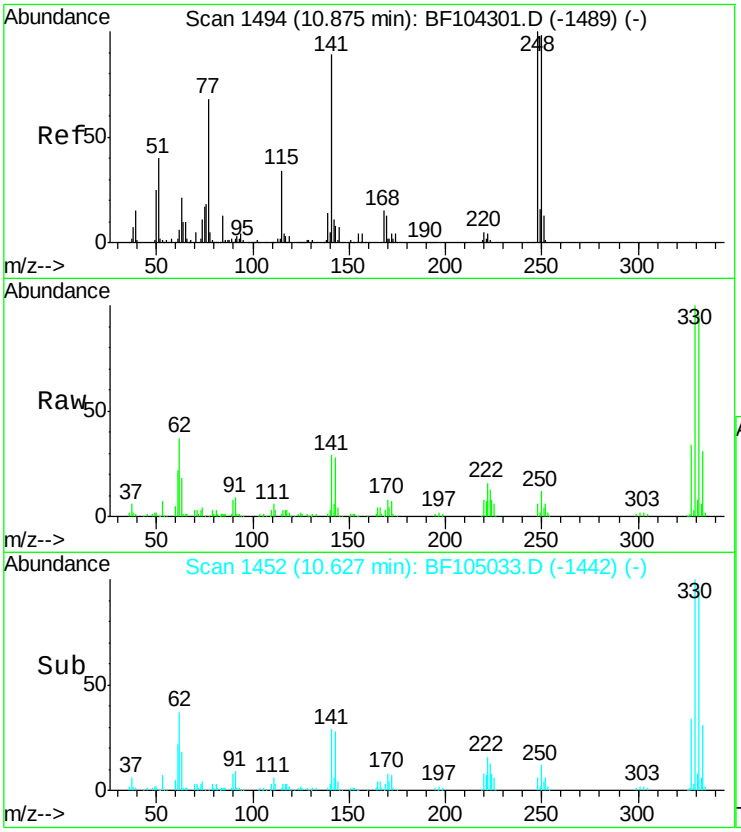


#64
4,6-Dinitro-2-methylphenol
Concen: 7.543 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.18 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Tgt Ion:198 Resp: 299

Ion	Ratio	Lower	Upper
198	100		
51	135.2	37.7	77.7#
105	154.9	36.3	76.3#



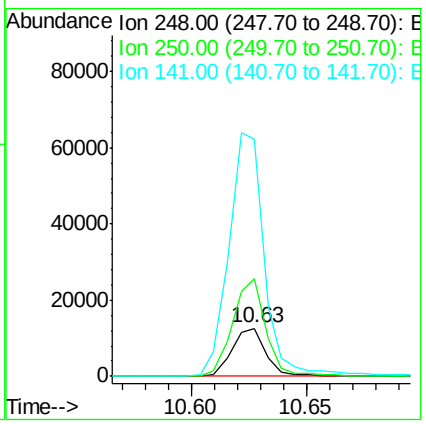


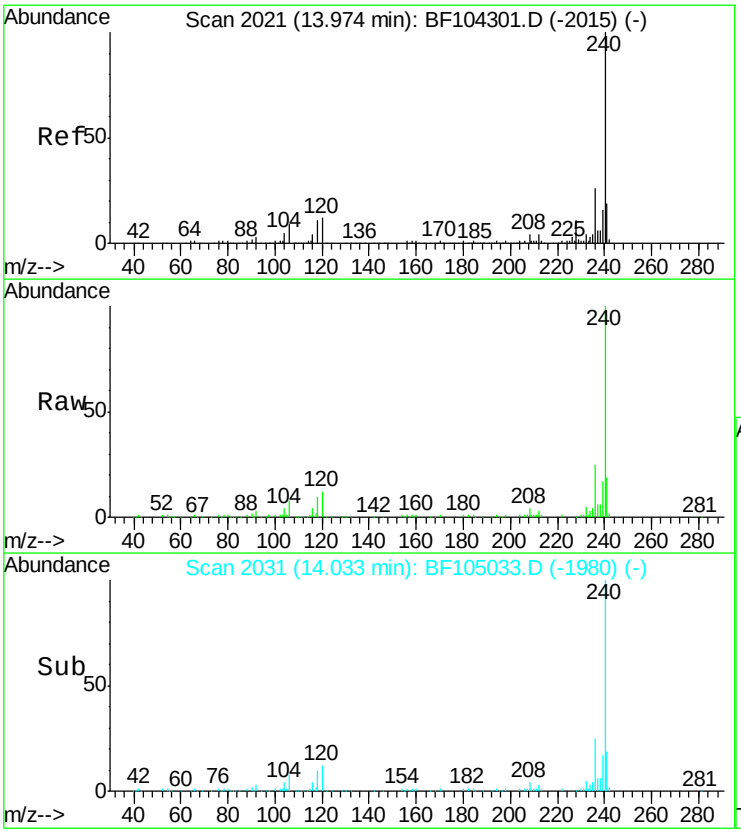
#66
4-Bromophenyl-phenylether
Concen: 4.517 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12769

Ion	Ratio	Lower	Upper
248	100		
250	203.7	76.9	115.3#
141	495.9	74.4	111.6#

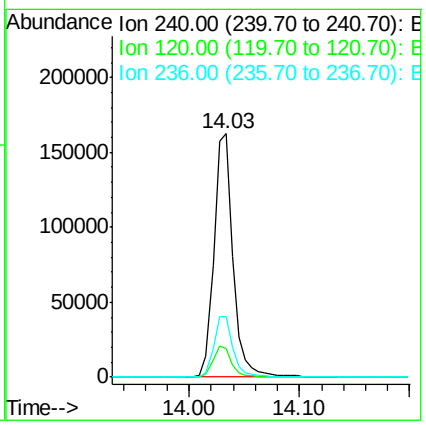


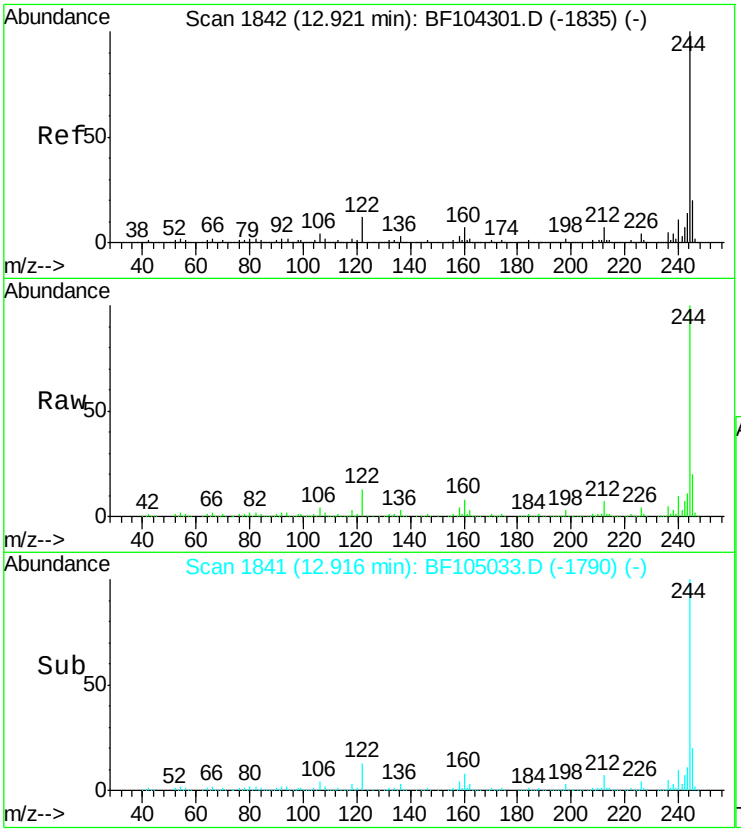


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Tgt Ion:240 Resp: 194072

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	24.8	20.7	31.1



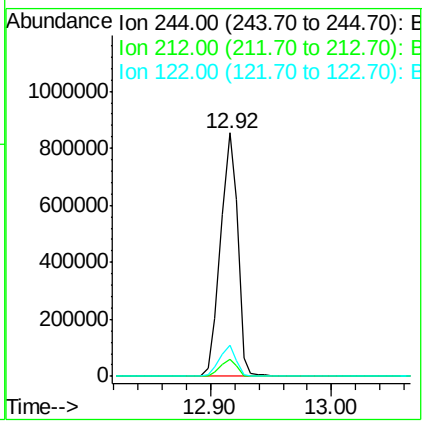


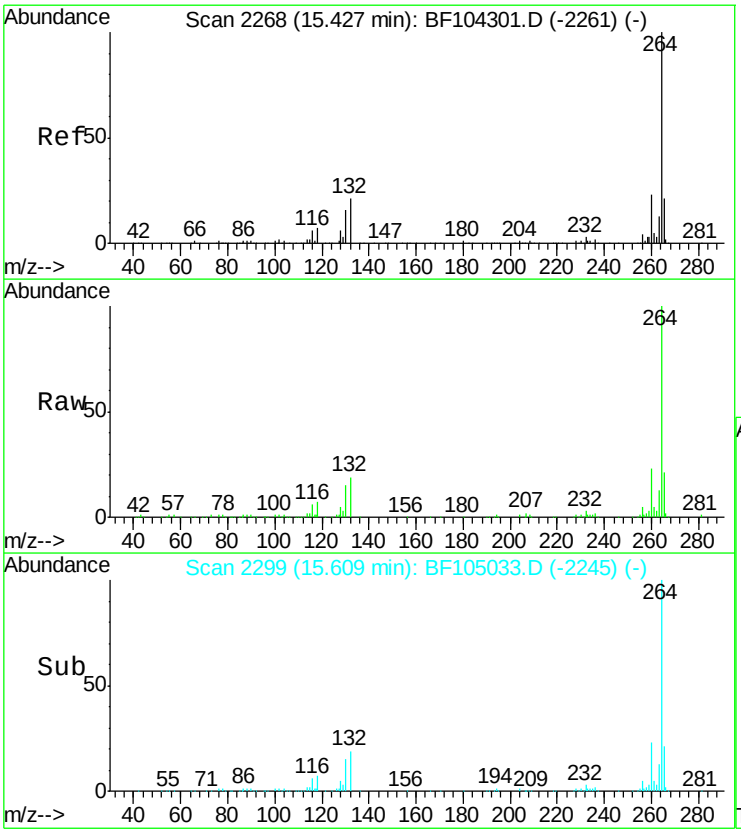
#78
Terphenyl-d14
Concen: 98.493 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 838425

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.9	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: BF105033.D
Acq: 2 May 2018 16:15

Tgt Ion:264 Resp: 176145

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.1	17.5	26.3