Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF105001.D
Acq On : 1 May 2018 22:59
Operator : JU/SJ
Sample : PB108756BL
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108756BL

Quant Time: May 02 06:57:12 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 16:13:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	107764	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	450491	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	209651	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	362799	20.00	ng	0.00
75) Chrysene-d12	14.00	240	240208	20.00	ng	0.03
86) Perylene-d12	15.54	264	210590	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	773070	109.69	ng	0.00
7) Phenol-d6	6.43	99	939178	108.46	ng	0.00
23) Nitrobenzene-d5	7.36	82	583050	84.51	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	226724	104.25	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1088527	82.02	ng	0.00
78) Terphenyl-d14	12.92	244	955225	90.66	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	1310	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	73731	13.030	ng	# 73
25) Isophorone	7.36	82	583047	39.965	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	26166	8.553	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	26166	6.521	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.62	198	301	7.491	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	13510	3.501	ng	# 1
76) Benzidine	12.92	184	12055	Below Cal		95

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

Quantitation Report (Not Reviewed)

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Acq On : 1 May 2018 22:59
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Misc :
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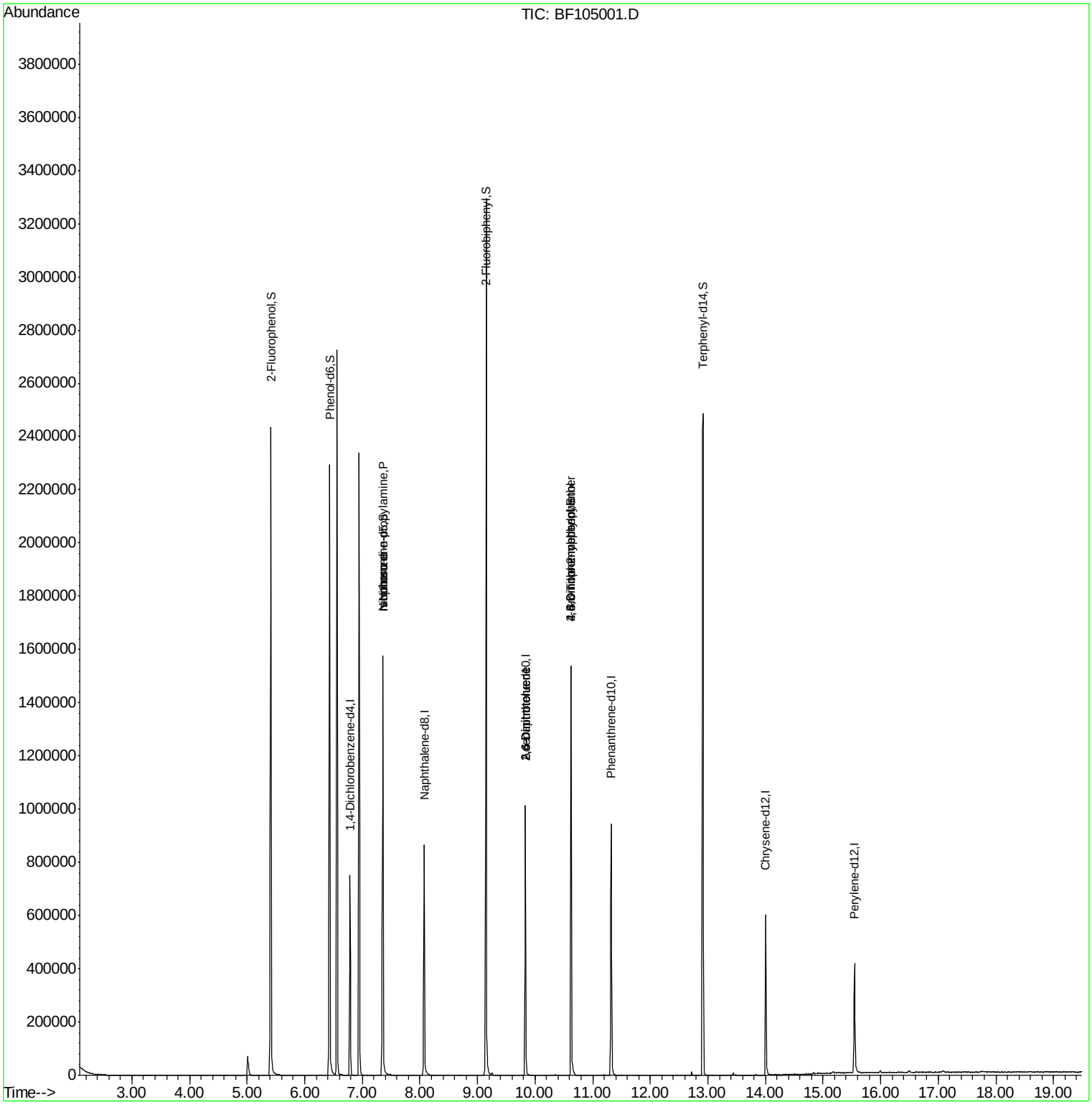
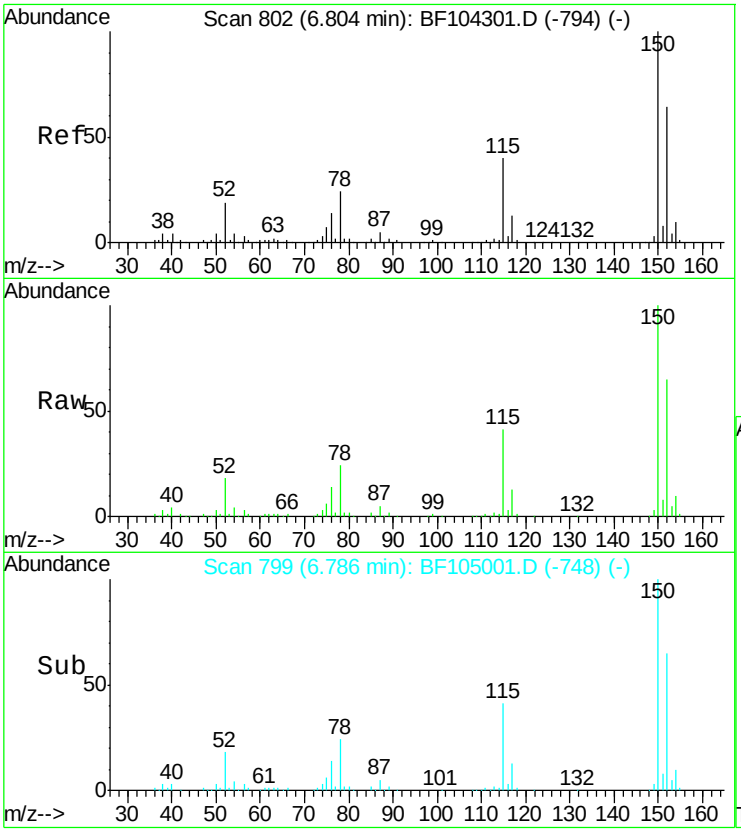


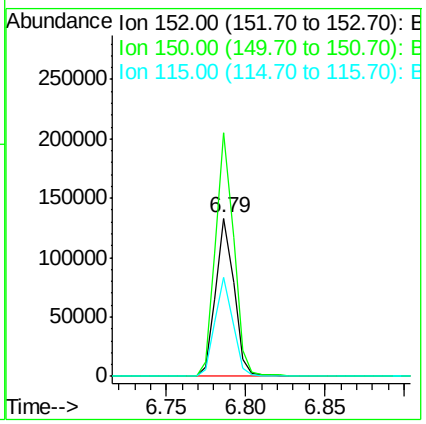


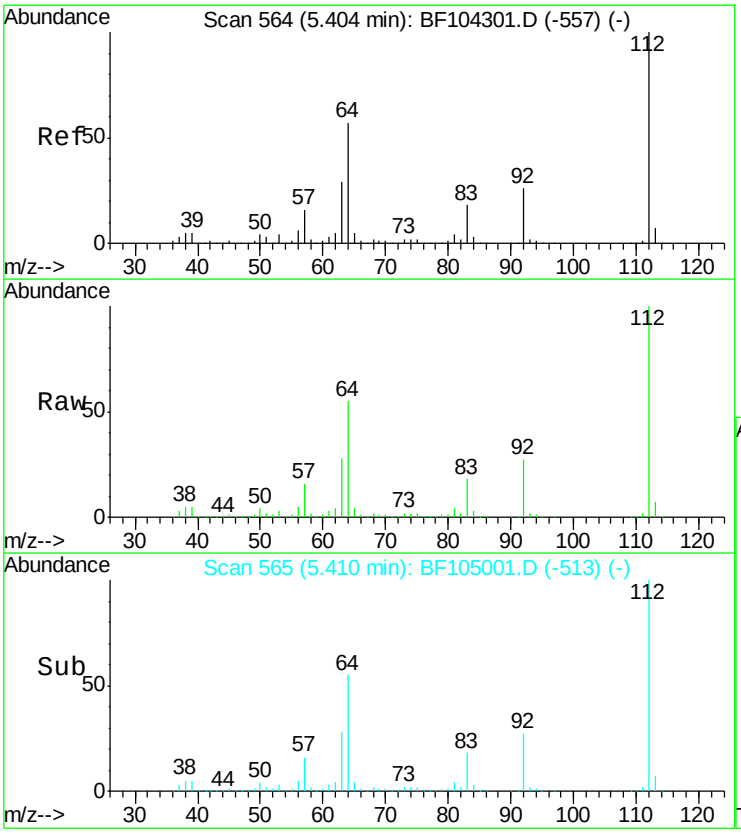
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105001.D
Acq: 1 May 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB108756BL

Tgt Ion:152 Resp: 107764

Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	62.3	50.1	75.1

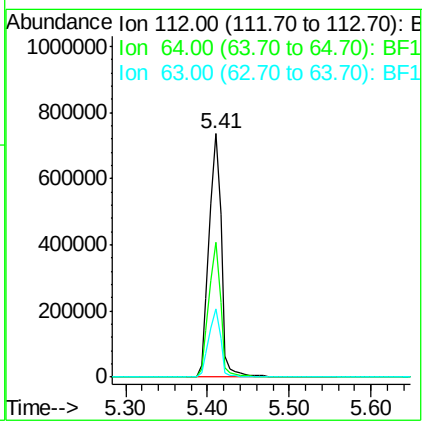


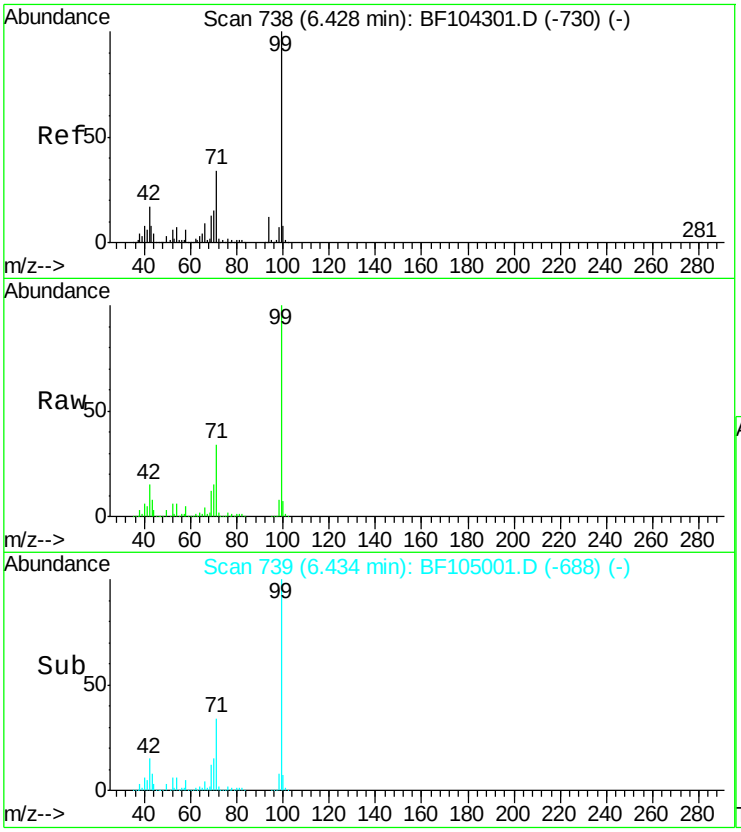


#5
2-Fluorophenol
Concen: 109.690 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF105001.D
Acq: 1 May 2018 22:59

Tgt Ion:112 Resp: 773070

Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.9	71.9
63	28.2	23.7	35.5



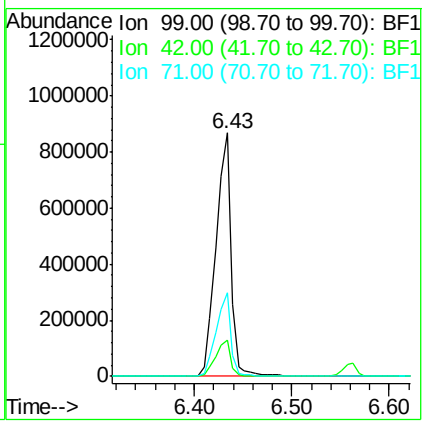


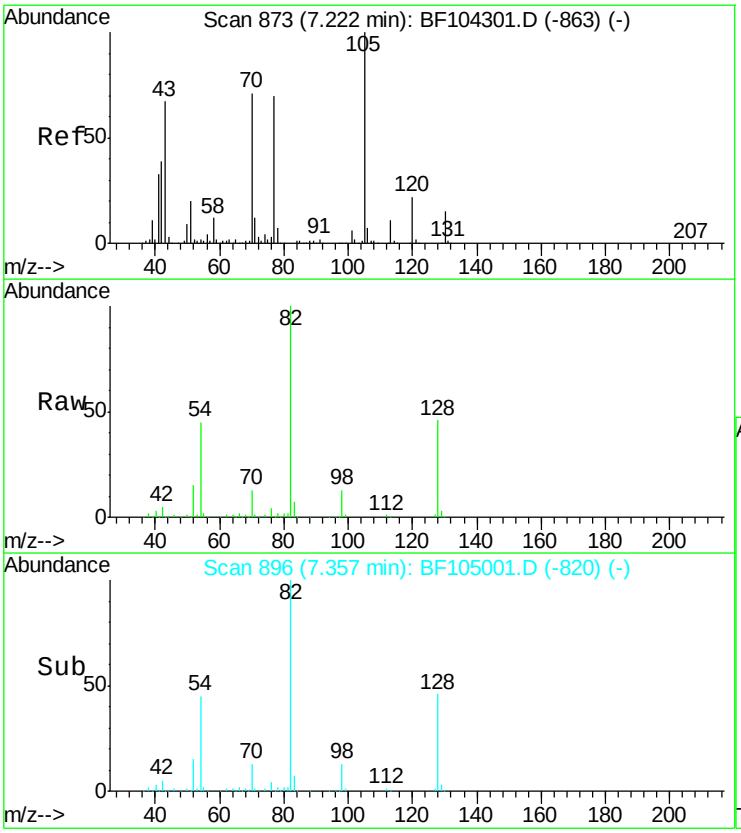
#7
Phenol-d6
Concen: 108.458 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF105001.D
Acq: 1 May 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB108756BL

Tgt Ion: 99 Resp: 939178

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	34.3	25.4	38.0

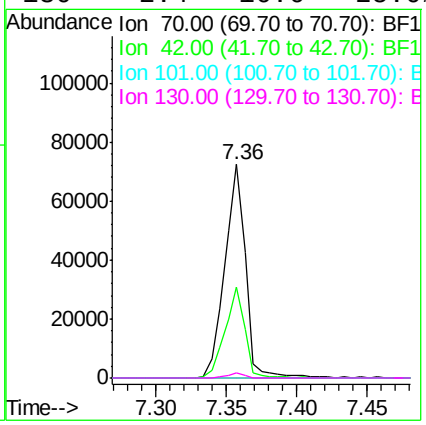


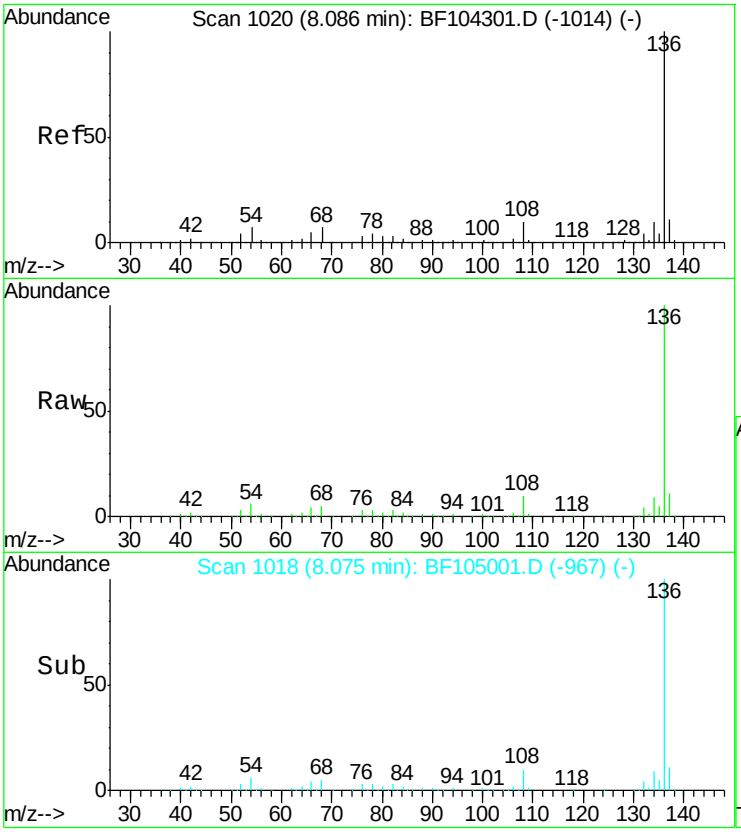


#19
n-Nitroso-di-n-propylamine
Concen: 13.030 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF105001.D
Acq: 1 May 2018 22:59

Tgt Ion: 70 Resp: 73731

Ion	Ratio	Lower	Upper
70	100		
42	42.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



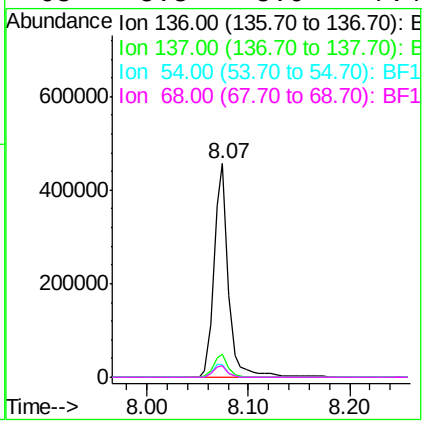


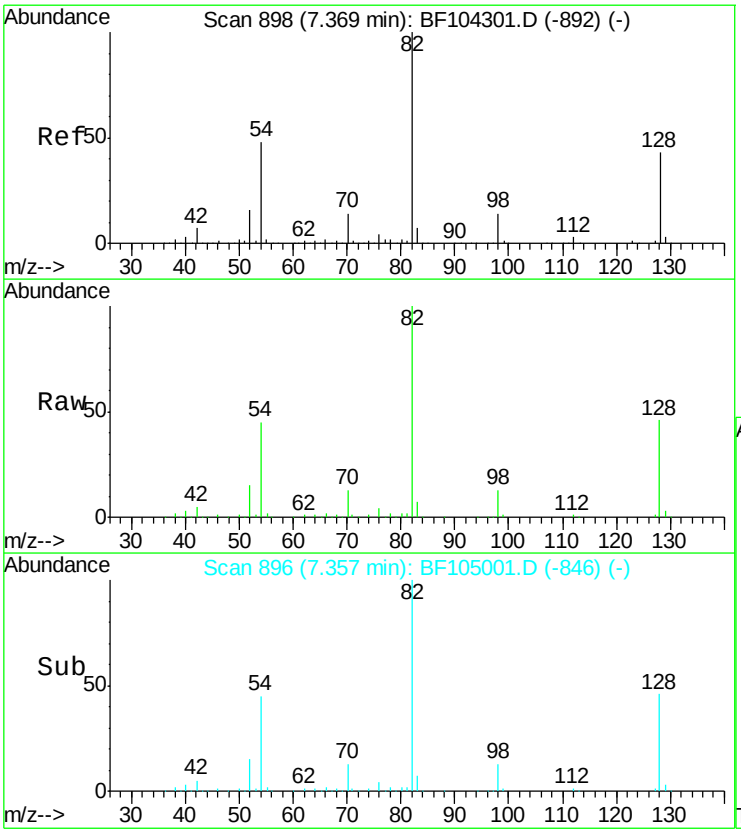
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105001.D
Acq: 1 May 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB108756BL

Tgt Ion:136 Resp: 450491

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	5.9	6.6	9.8#
68	5.3	5.0	7.4

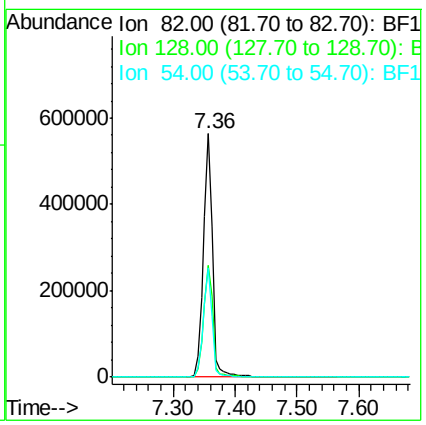


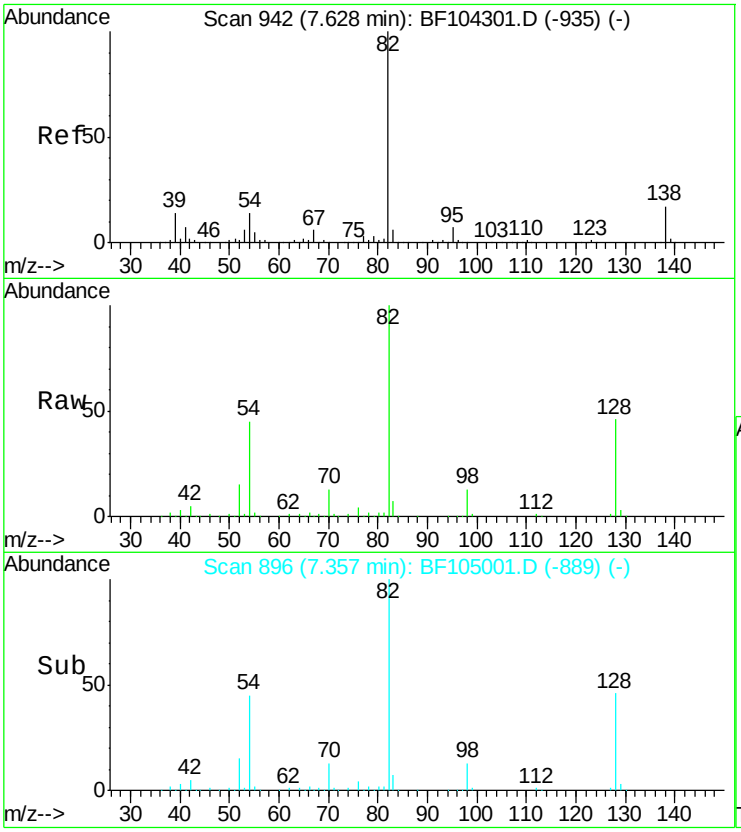


#23
Nitrobenzene-d5
Concen: 84.512 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105001.D
Acq: 1 May 2018 22:59

Tgt Ion: 82 Resp: 583050

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	44.7	41.4	62.2



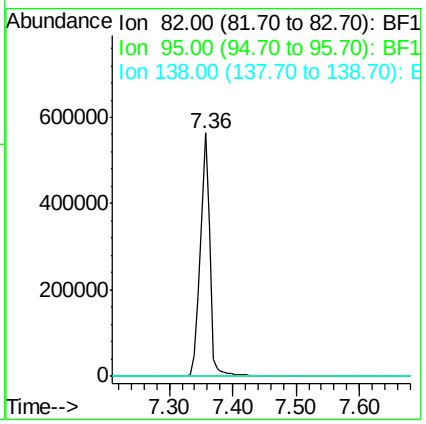


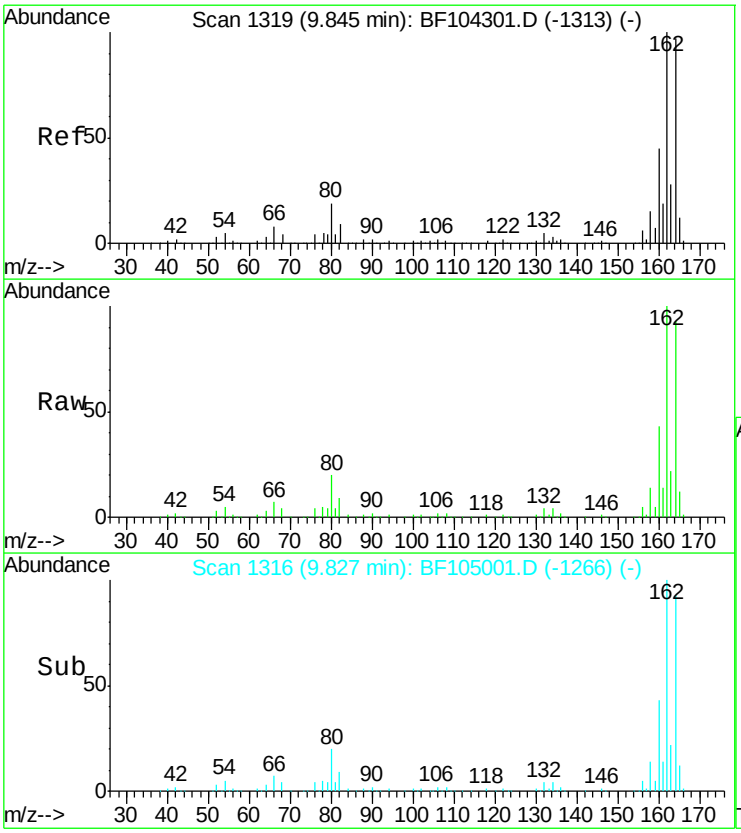
#25
Isophorone
Concen: 39.965 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF105001.D
Acq: 1 May 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB108756BL

Tgt Ion: 82 Resp: 583047

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

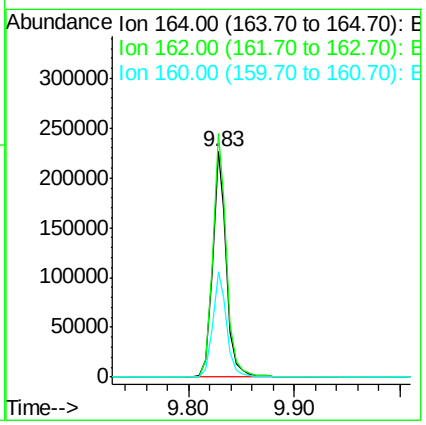


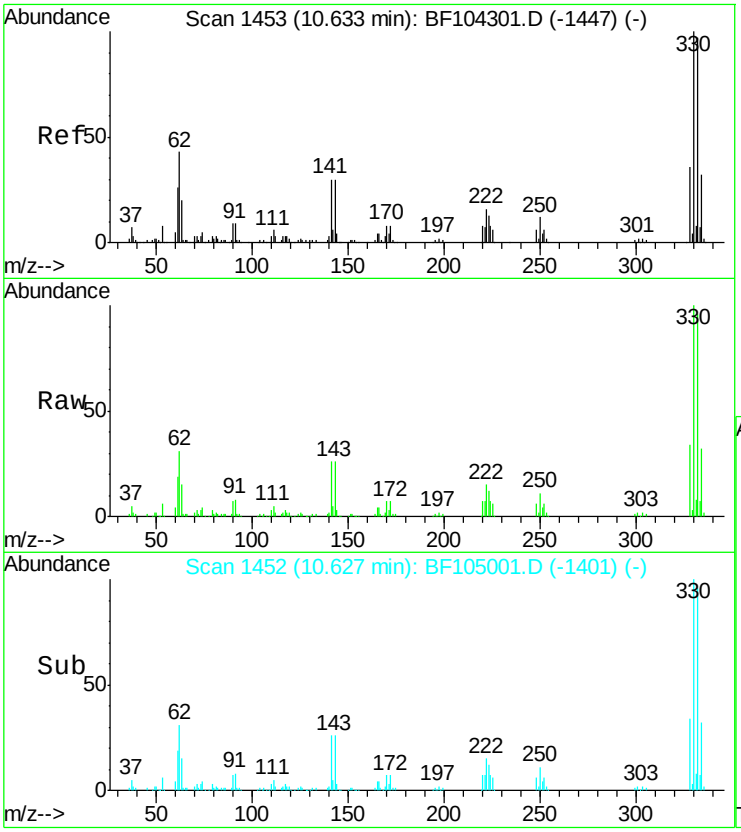


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105001.D
Acq: 1 May 2018 22:59

Tgt Ion:164 Resp: 209651

Ion	Ratio	Lower	Upper
164	100		
162	107.9	86.1	129.1
160	46.7	38.3	57.5



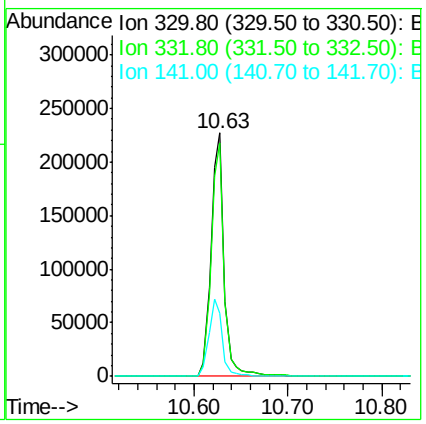


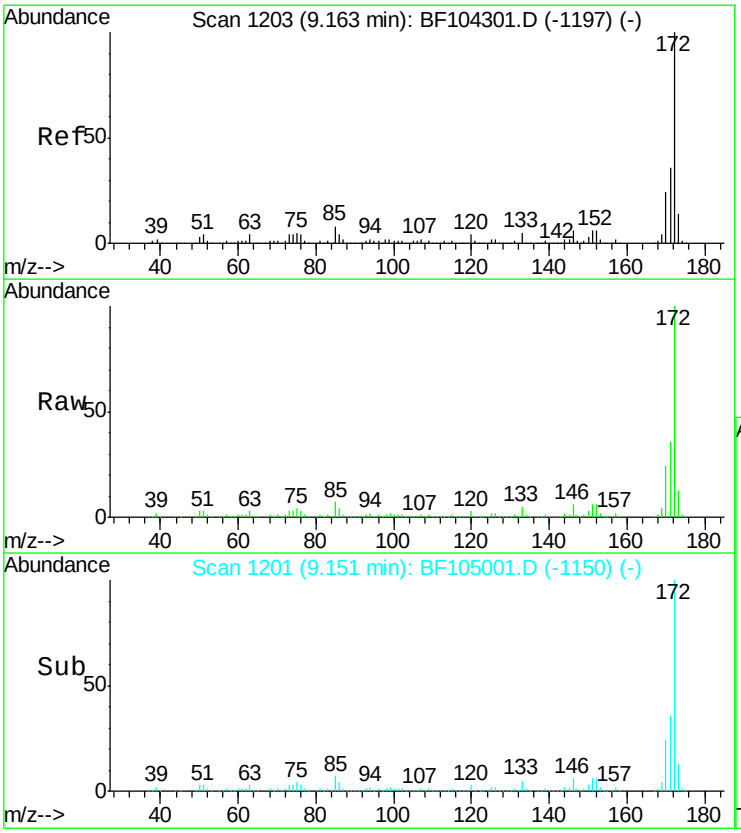
#41
2,4,6-Tribromophenol
Concen: 104.252 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF105001.D
Acq: 1 May 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB108756BL

Tgt Ion:330 Resp: 226724

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.3	29.9	44.9

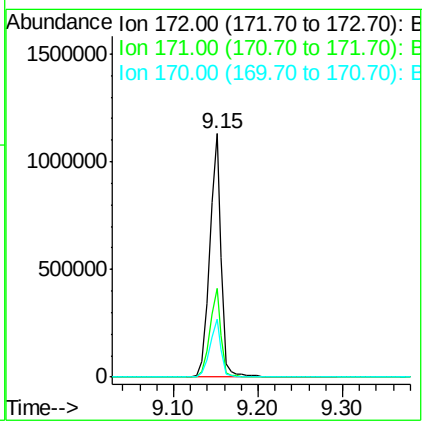


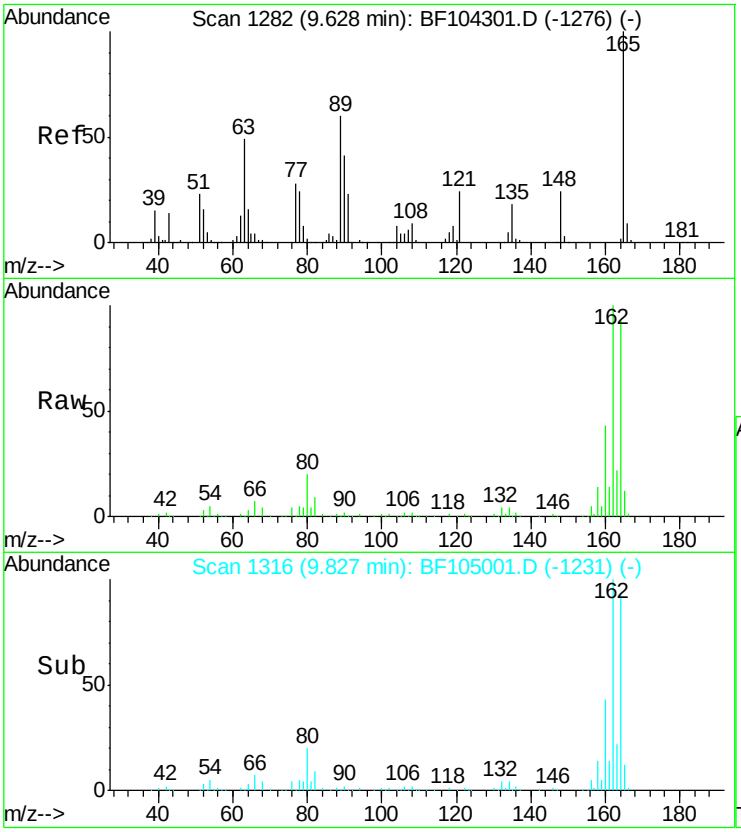


#44
2-Fluorobiphenyl
Concen: 82.022 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF105001.D
Acq: 1 May 2018 22:59

Tgt Ion:172 Resp: 1088527

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	19.6	29.4



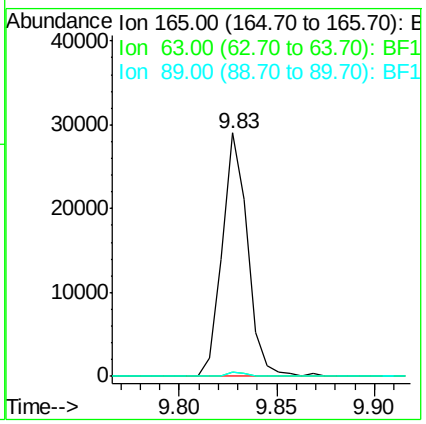


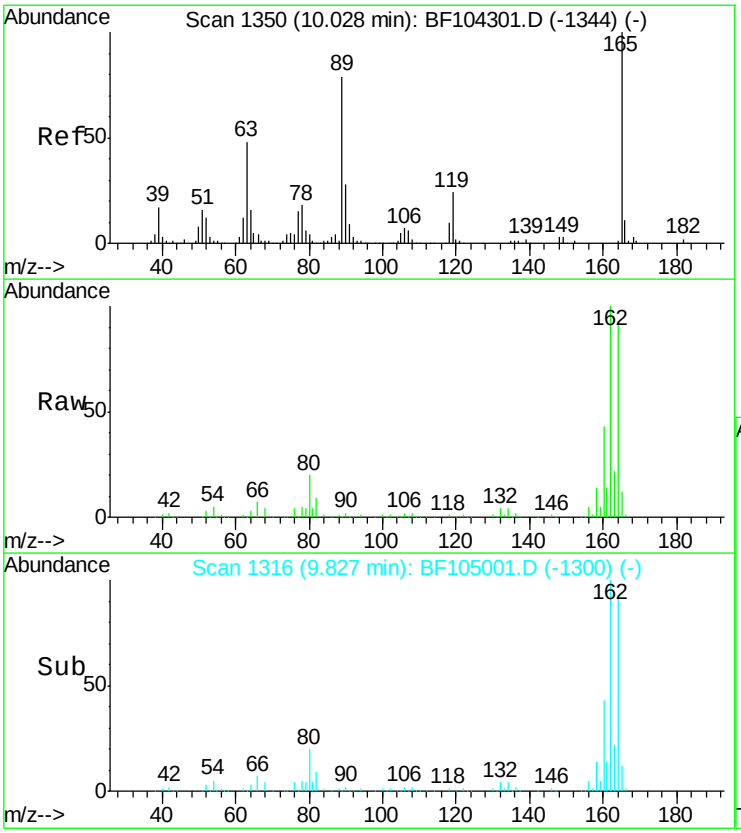
#50
2,6-Dinitrotoluene
Concen: 8.553 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.20 min
Lab File: BF105001.D
Acq: 1 May 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB108756BL

Tgt Ion:165 Resp: 26166

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.9	44.0	66.0#

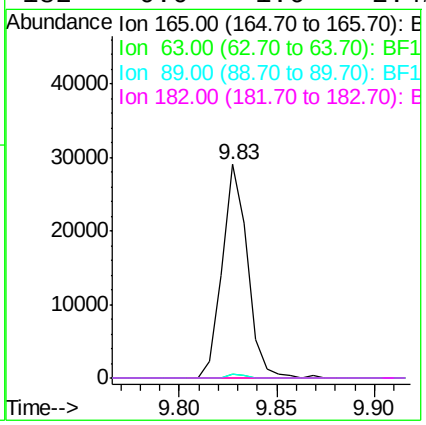


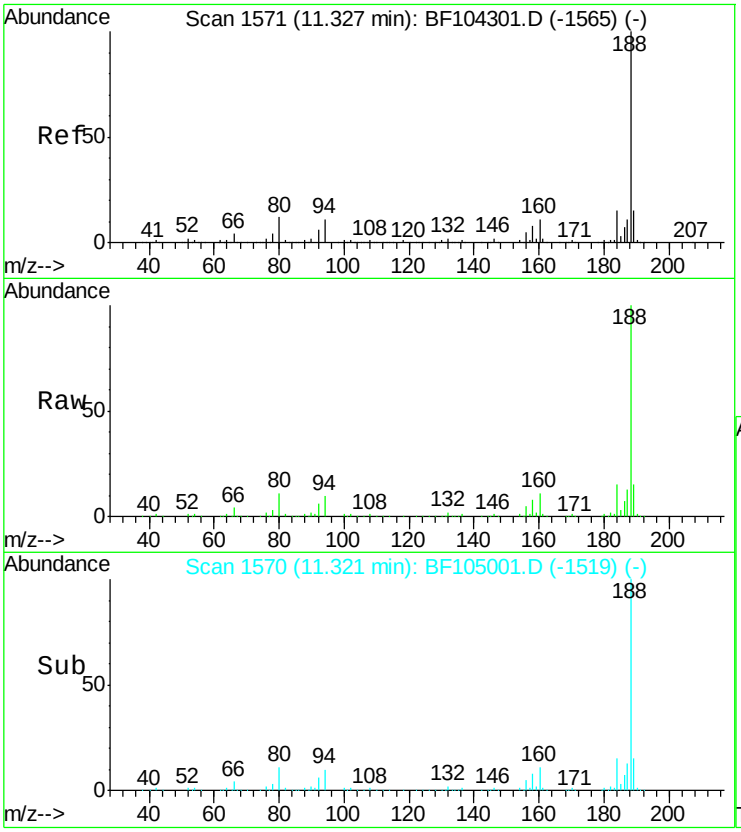


#56
2,4-Dinitrotoluene
Concen: 6.521 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF105001.D
Acq: 1 May 2018 22:59

Tgt Ion:165 Resp: 26166

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



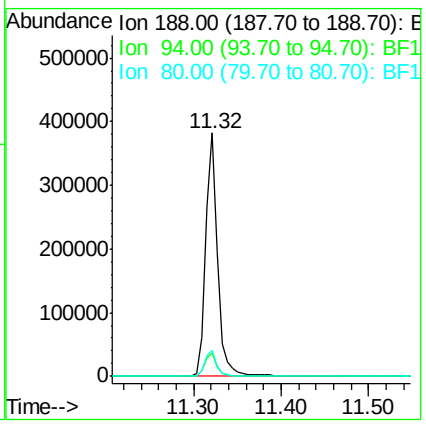


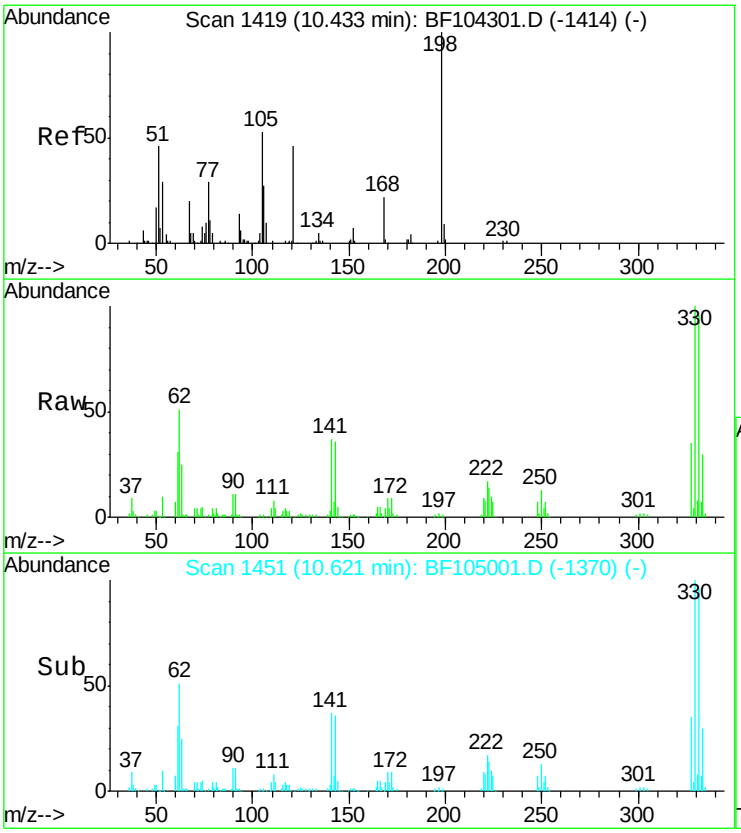
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105001.D
Acq: 1 May 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB108756BL

Tgt Ion:188 Resp: 362799

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.5	9.2	13.8

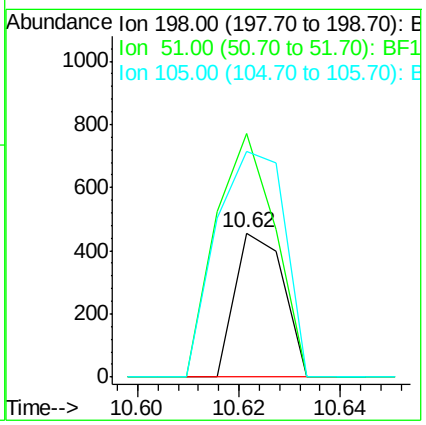


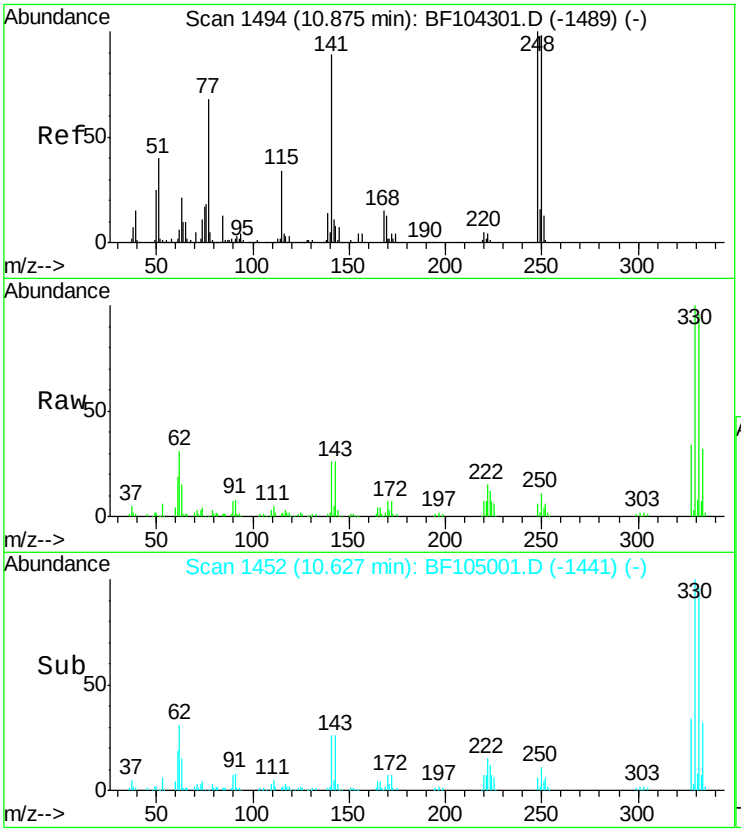


#64
4,6-Dinitro-2-methylphenol
Concen: 7.491 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.18 min
Lab File: BF105001.D
Acq: 1 May 2018 22:59

Tgt Ion:198 Resp: 301

Ion	Ratio	Lower	Upper
198	100		
51	168.7	37.7	77.7#
105	156.2	36.3	76.3#



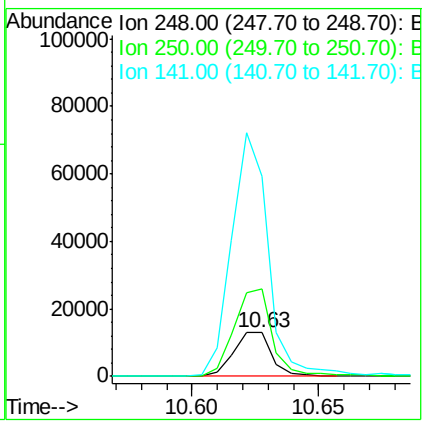


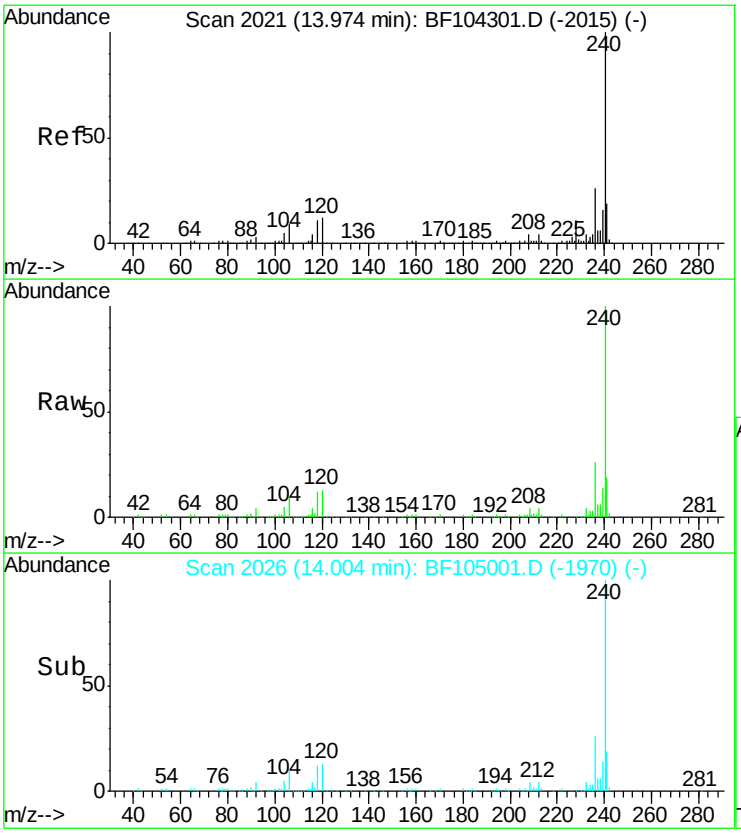
#66
4-Bromophenyl-phenylether
Concen: 3.501 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF105001.D
Acq: 1 May 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB108756BL

Tgt Ion:248 Resp: 13510

Ion	Ratio	Lower	Upper
248	100		
250	200.4	76.9	115.3#
141	458.6	74.4	111.6#

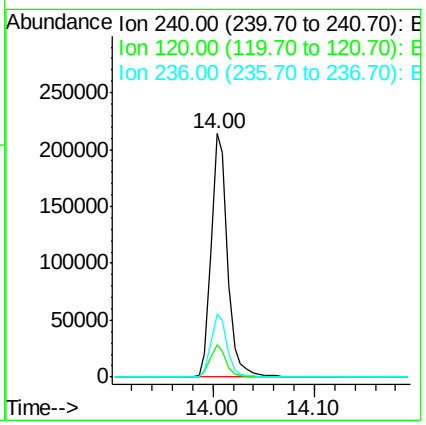


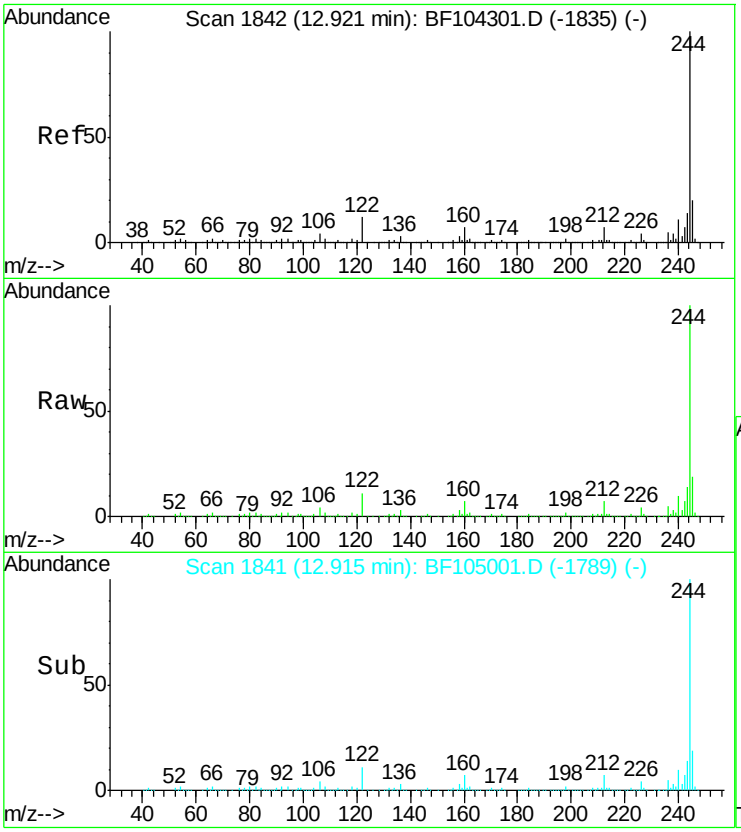


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.03 min
Lab File: BF105001.D
Acq: 1 May 2018 22:59

Tgt Ion:240 Resp: 240208

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	26.2	20.7	31.1



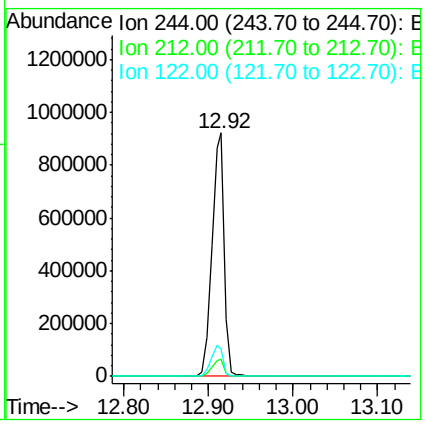


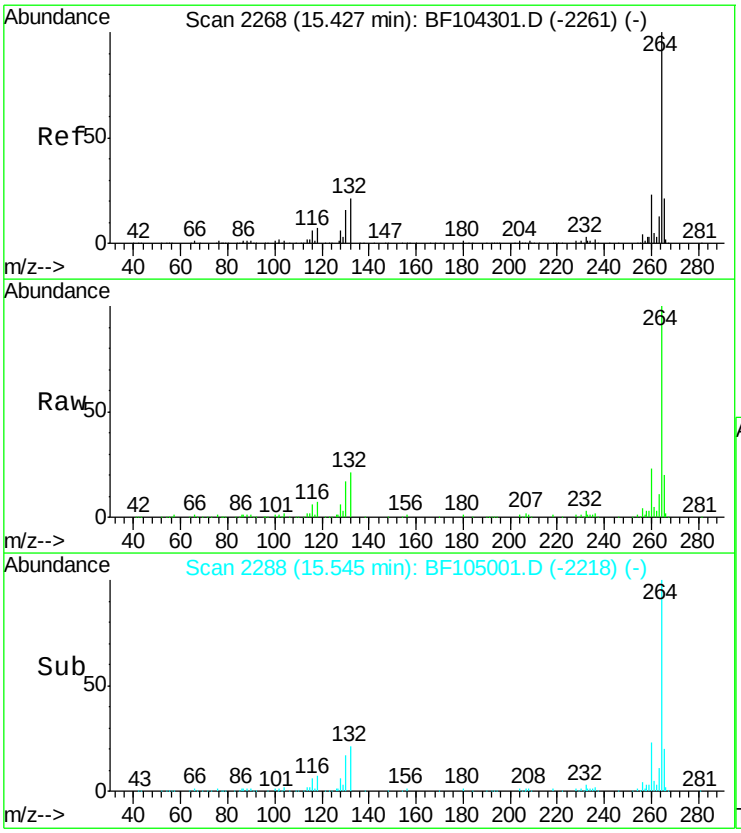
#78
Terphenyl-d14
Concen: 90.661 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BF105001.D
Acq: 1 May 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB108756BL

Tgt Ion:244 Resp: 955225

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





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.11 min
Lab File: BF105001.D
Acq: 1 May 2018 22:59

Tgt Ion:264 Resp: 210590

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.3	17.5	26.3