Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104133.D
Acq On : 2 Apr 2018 14:22
Operator : JU/SJ
Sample : J1757-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 02 15:21:43 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 02 13:40:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	113983	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	506515	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	238830	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	441819	20.00	ng	0.00
75) Chrysene-d12	14.14	240	272298	20.00	ng	0.00
86) Perylene-d12	15.69	264	270216	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	85386	11.95	ng	0.00
7) Phenol-d6	6.59	99	149593	17.01	ng	0.00
23) Nitrobenzene-d5	7.53	82	95294	11.51	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	47250	17.77	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	212276	14.02	ng	0.00
78) Terphenyl-d14	13.07	244	193603	16.42	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.73	77	1989	Below Cal	#	81
19) n-Nitroso-di-n-propylamine	7.53	70	11286	2.163	ng	# 73
25) Isophorone	7.53	82	95294	6.243	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	29006	7.150	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	29612	5.720	ng	# 23

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

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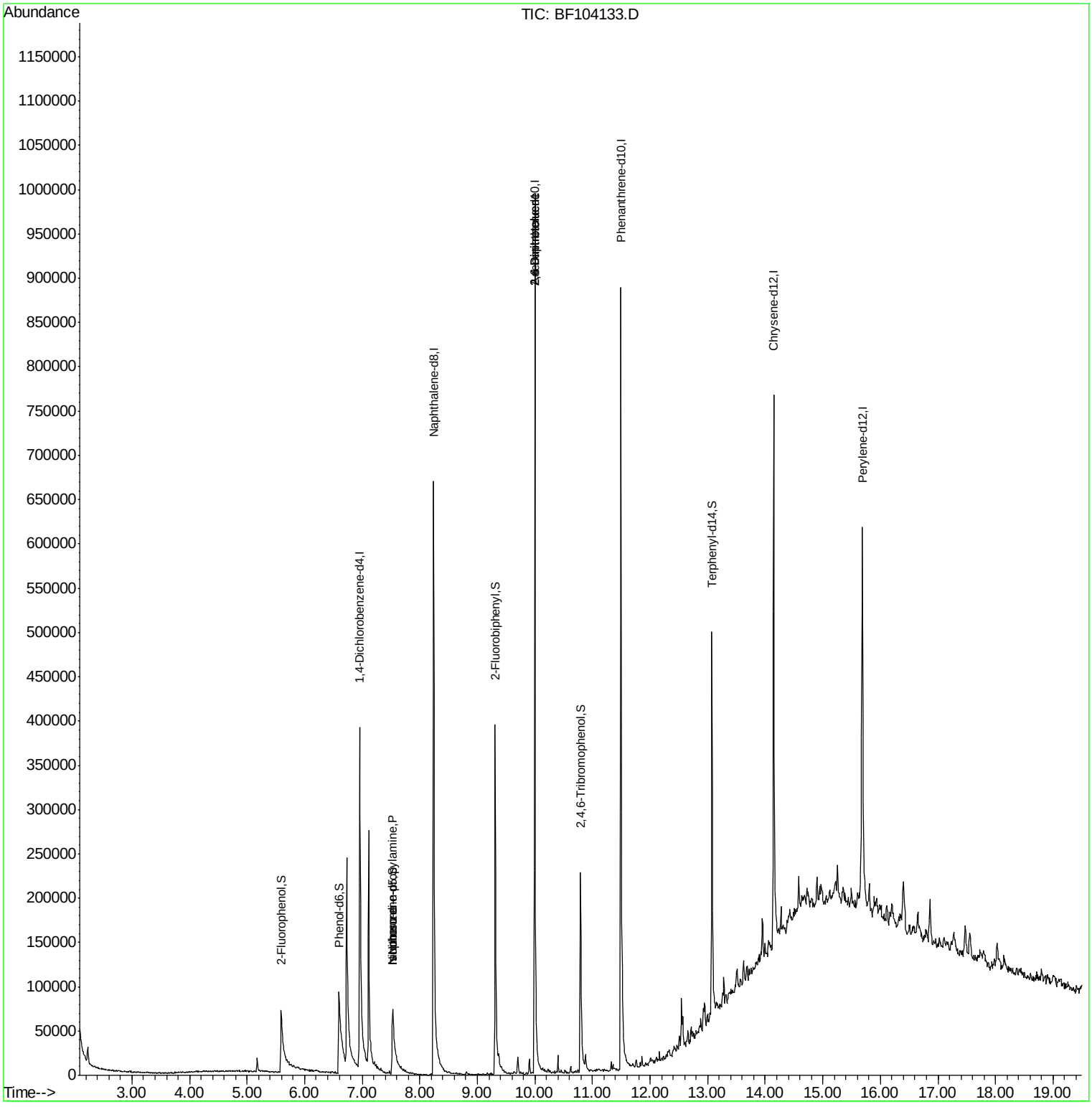
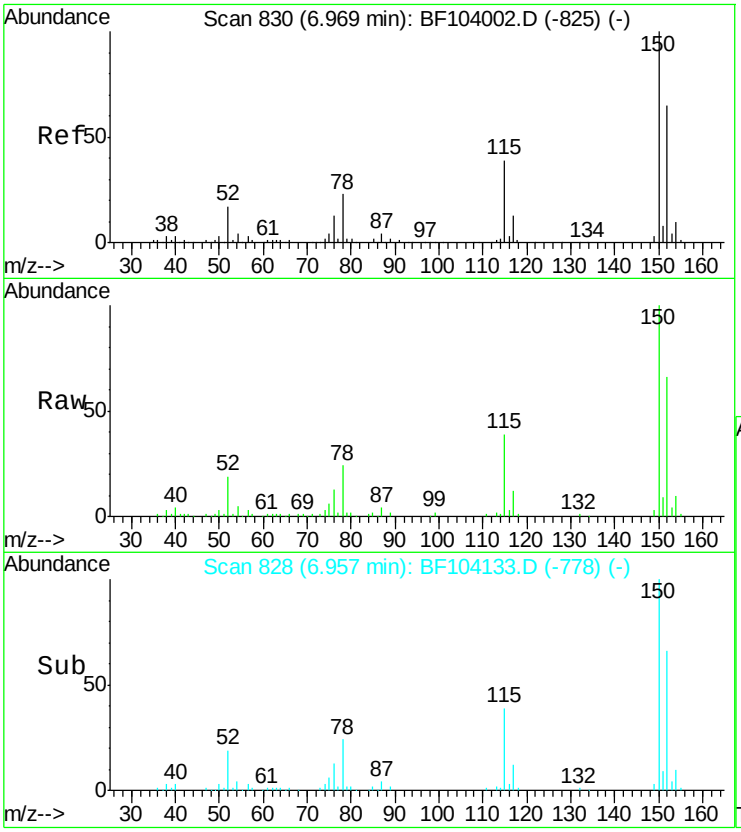


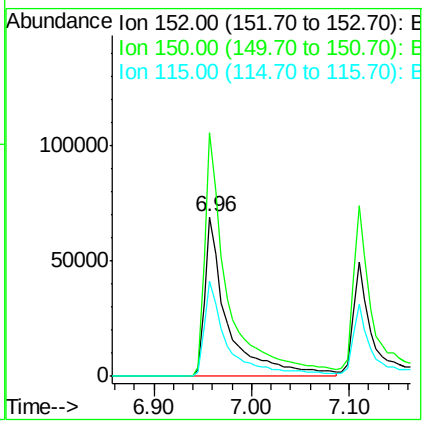


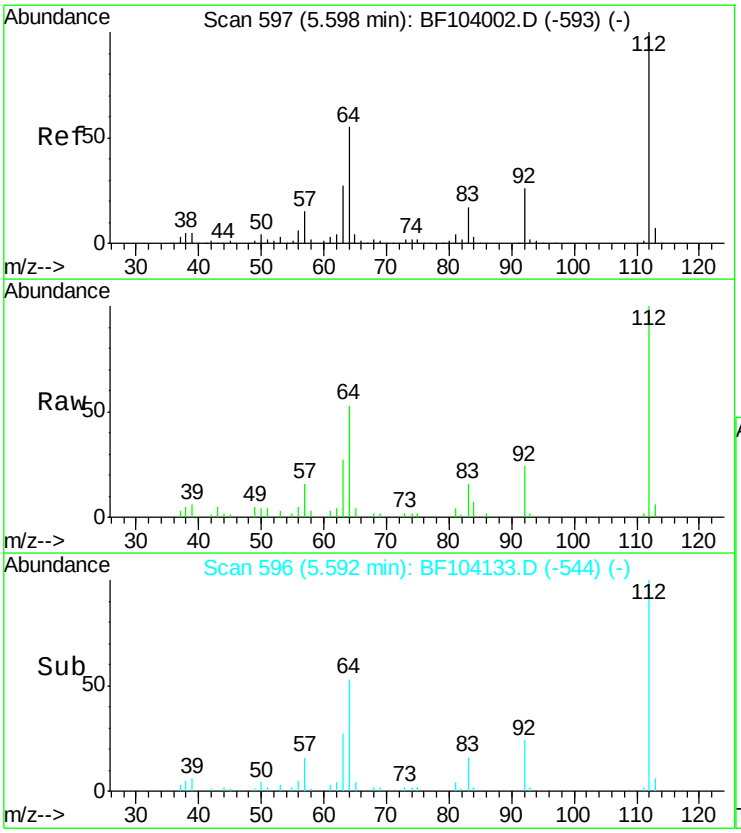
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104133.D
Acq: 2 Apr 2018 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 113983

Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.6	186.8
115	59.3	50.1	75.1

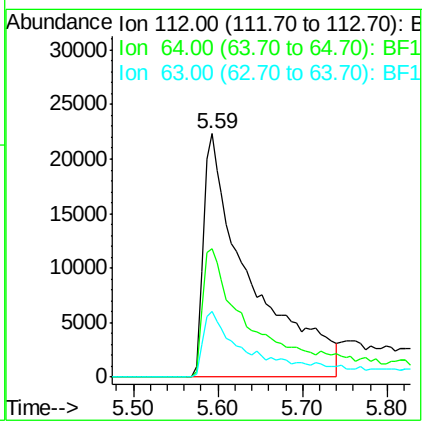


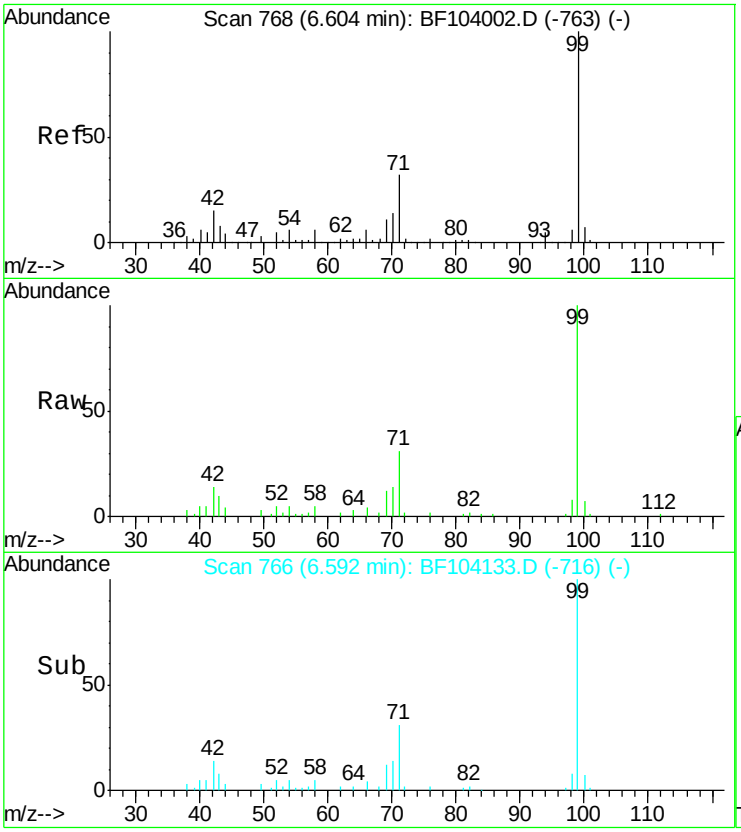


#5
2-Fluorophenol
Concen: 11.946 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104133.D
Acq: 2 Apr 2018 14:22

Tgt Ion:112 Resp: 85386

Ion	Ratio	Lower	Upper
112	100		
64	52.6	47.9	71.9
63	27.0	23.7	35.5



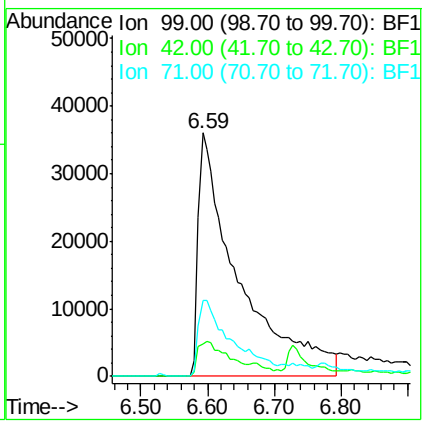


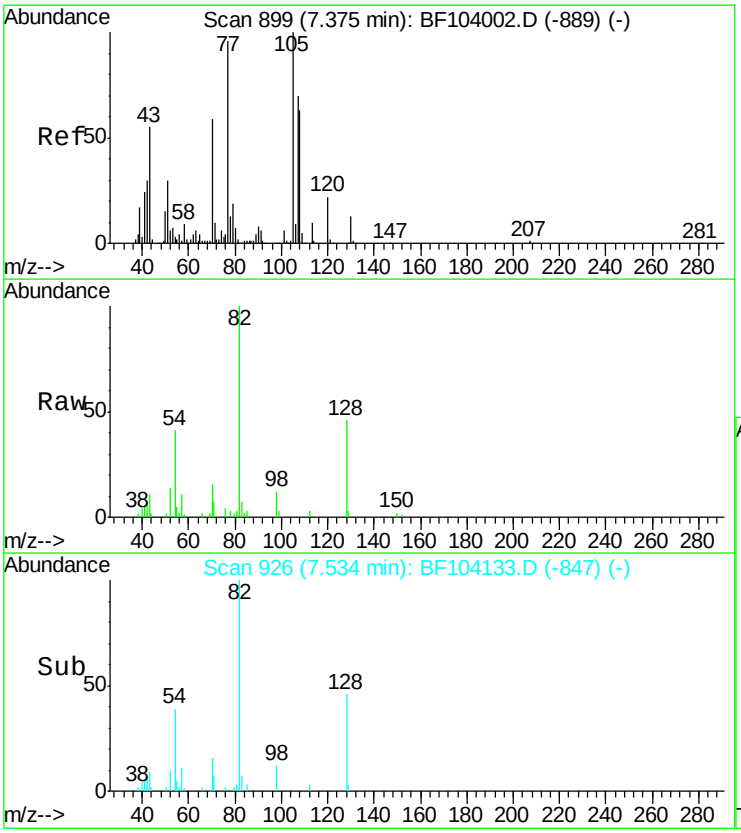
#7
Phenol-d6
Concen: 17.012 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF104133.D
Acq: 2 Apr 2018 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 149593

Ion	Ratio	Lower	Upper
99	100		
42	13.6	14.5	21.7#
71	31.2	25.4	38.0

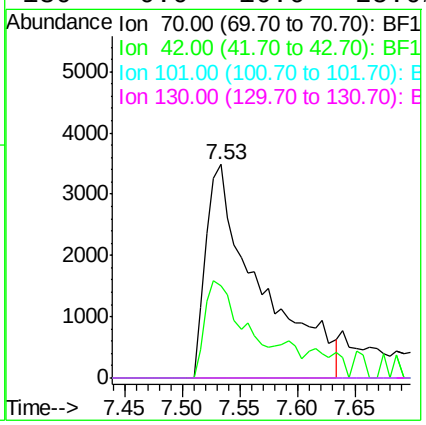


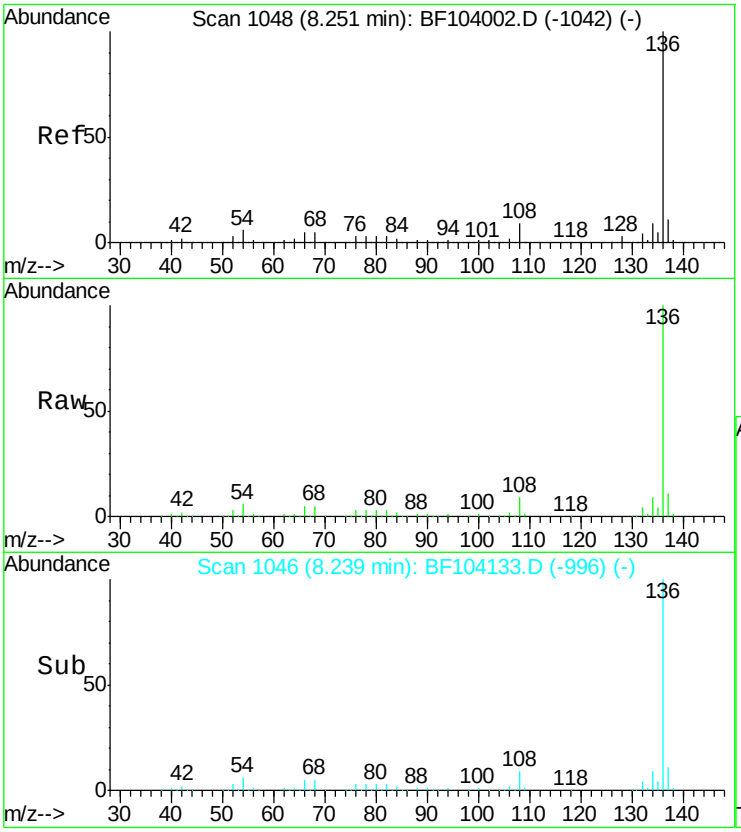


#19
n-Nitroso-di-n-propylamine
Concen: 2.163 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.16 min
Lab File: BF104133.D
Acq: 2 Apr 2018 14:22

Tgt Ion: 70 Resp: 11286

Ion	Ratio	Lower	Upper
70	100		
42	43.2	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



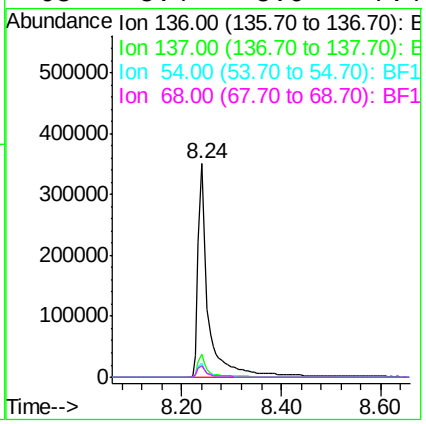


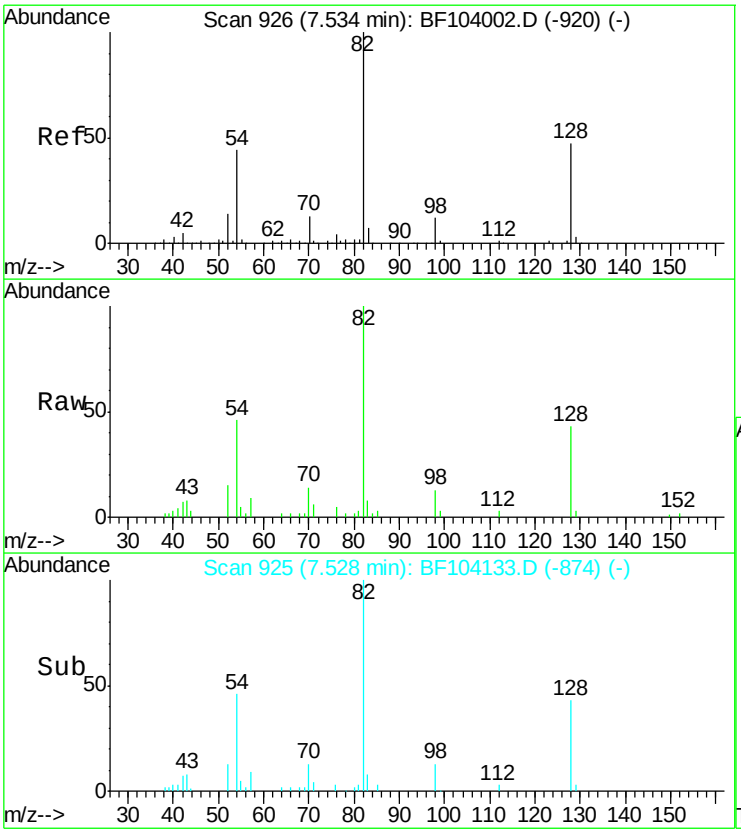
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104133.D
Acq: 2 Apr 2018 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 506515

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.3	6.6	9.8#
68	5.4	5.0	7.4

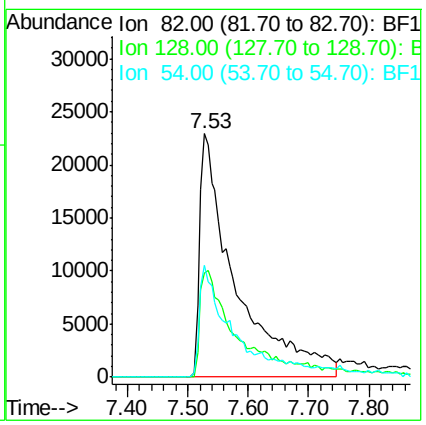


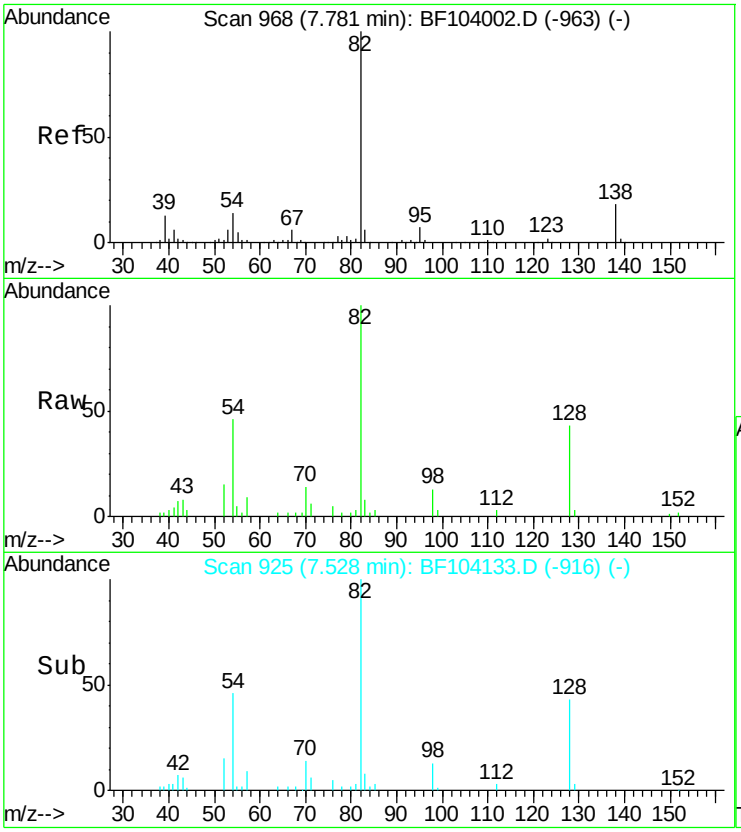


#23
Nitrobenzene-d5
Concen: 11.506 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF104133.D
Acq: 2 Apr 2018 14:22

Tgt Ion: 82 Resp: 95294

Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	46.0	41.4	62.2



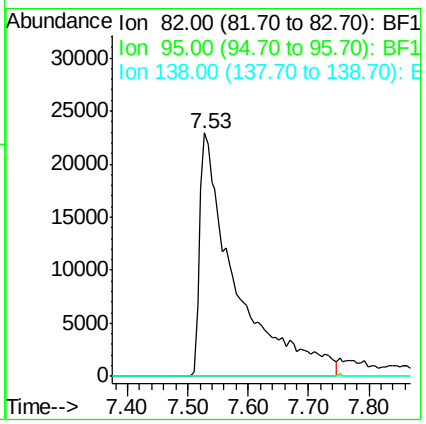


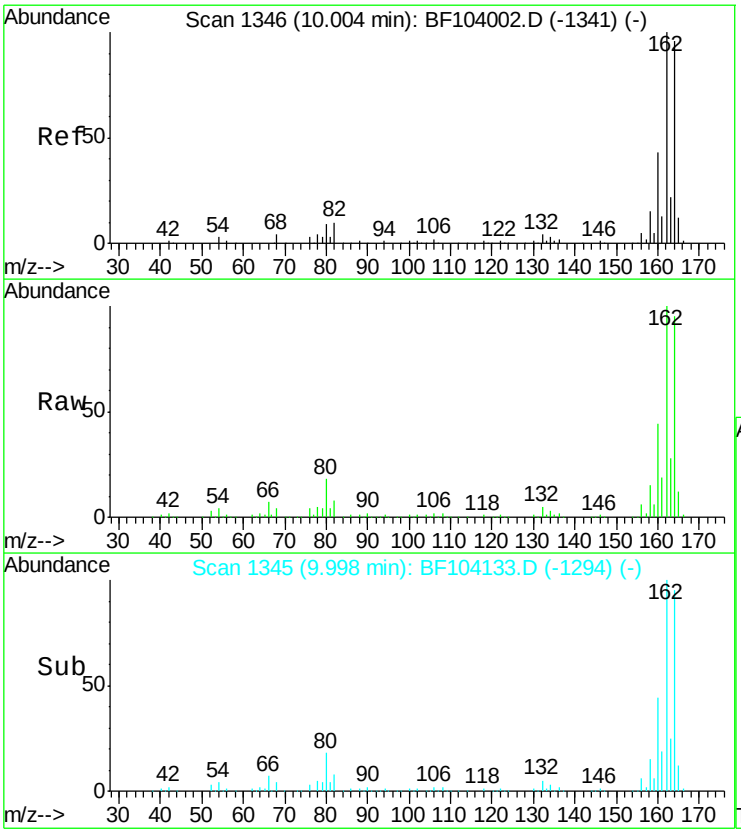
#25
Isophorone
Concen: 6.243 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.25 min
Lab File: BF104133.D
Acq: 2 Apr 2018 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 95294

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

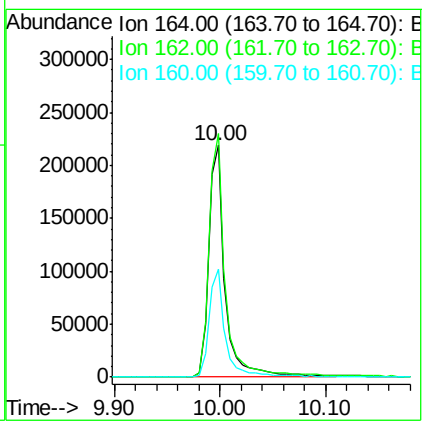


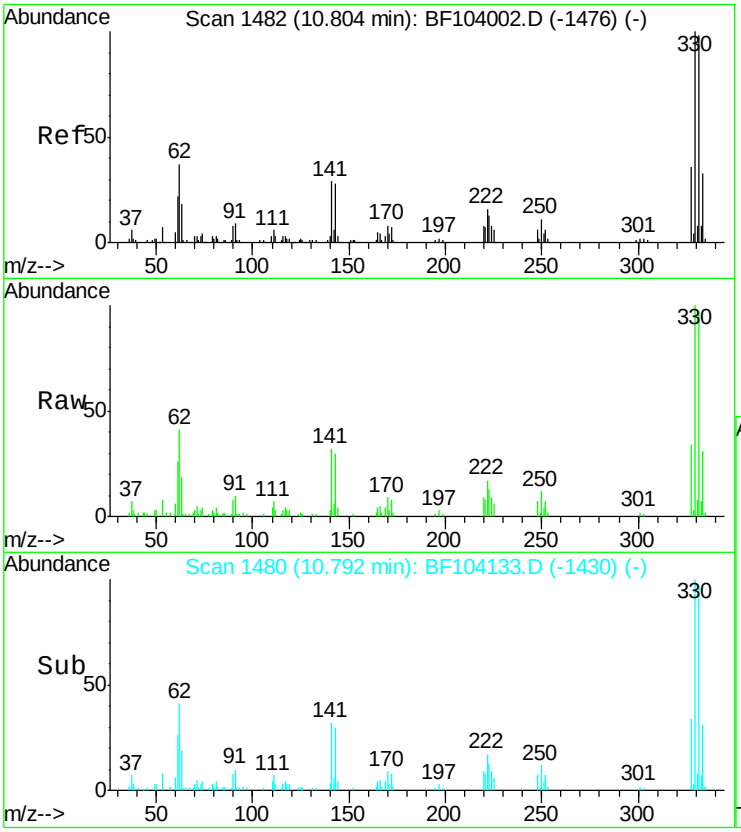


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF104133.D
Acq: 2 Apr 2018 14:22

Tgt Ion:164 Resp: 238830

Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	46.5	38.3	57.5



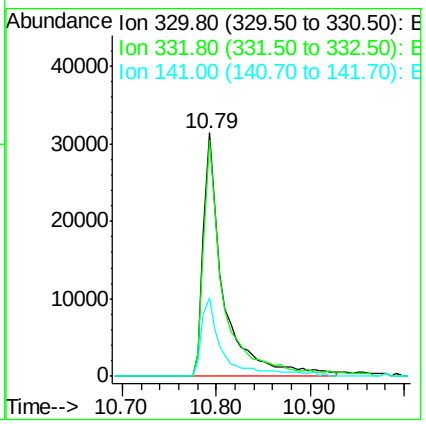


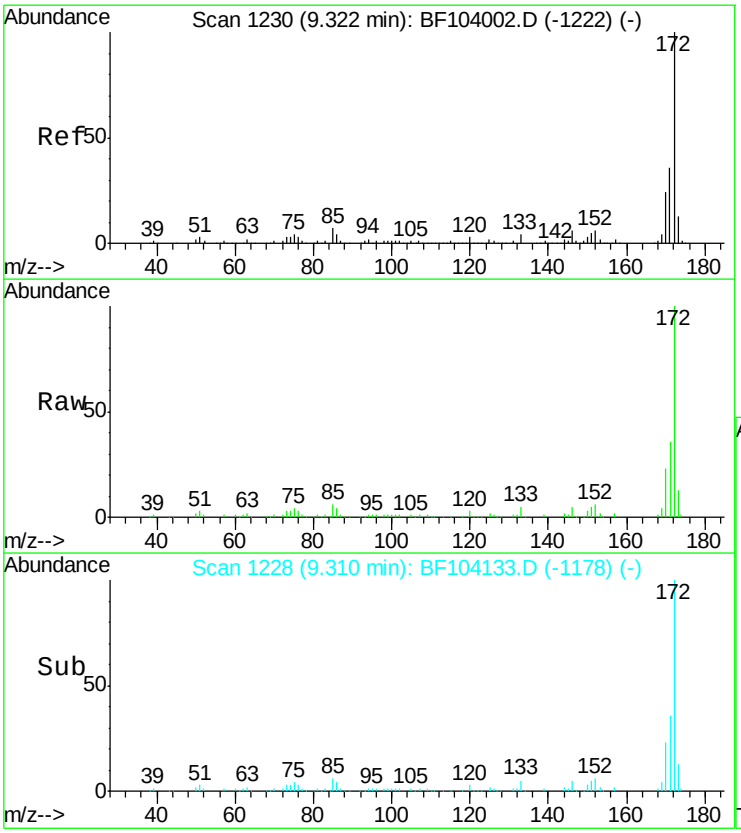
#41
2,4,6-Tribromophenol
Concen: 17.767 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF104133.D
Acq: 2 Apr 2018 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 47250

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	33.7	29.9	44.9

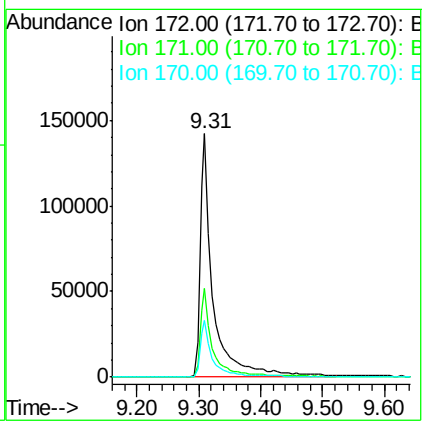


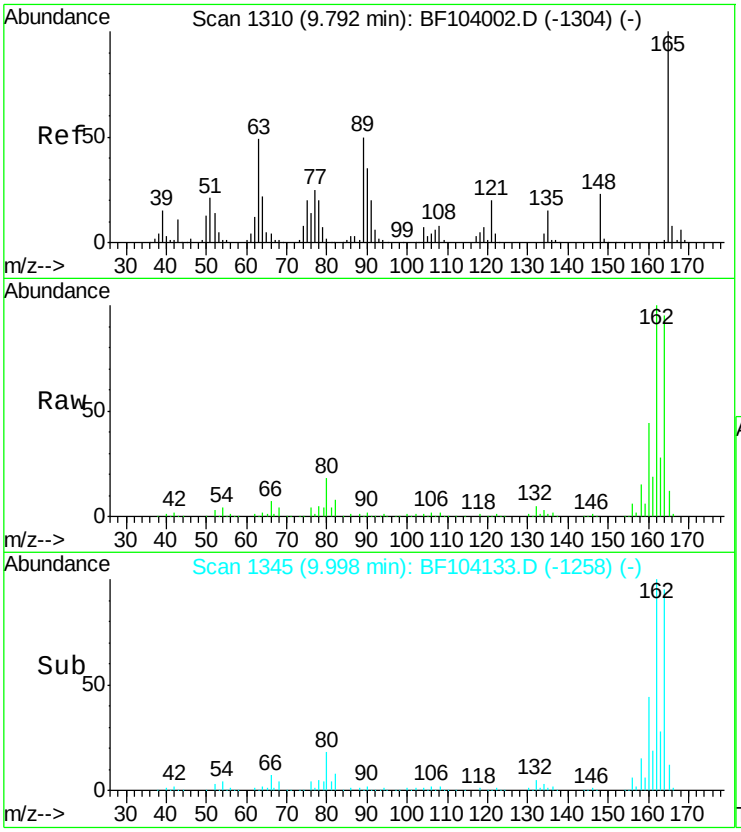


#44
2-Fluorobiphenyl
Concen: 14.016 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF104133.D
Acq: 2 Apr 2018 14:22

Tgt Ion:172 Resp: 212276

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.4	19.6	29.4



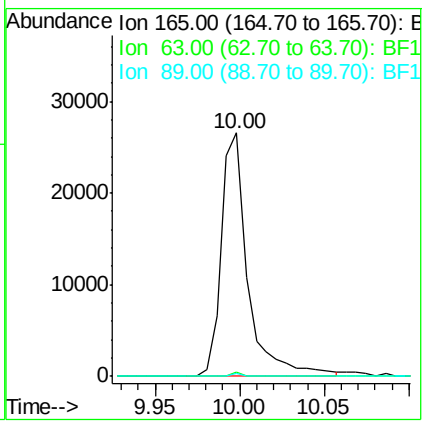


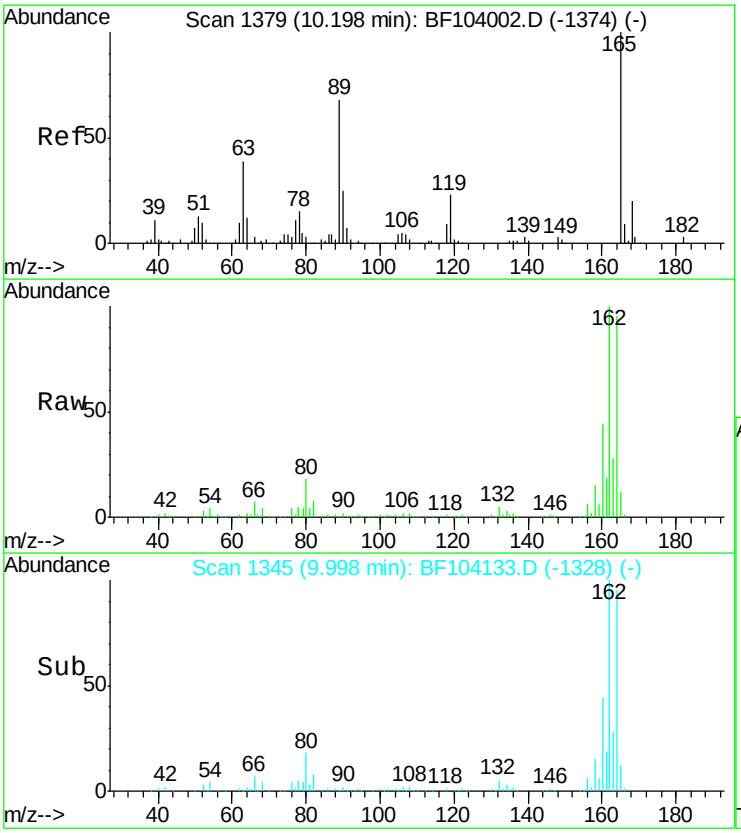
#50
2,6-Dinitrotoluene
Concen: 7.150 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.21 min
Lab File: BF104133.D
Acq: 2 Apr 2018 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29006

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.3	44.0	66.0#

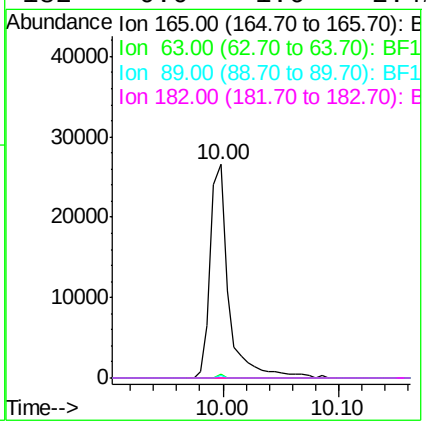


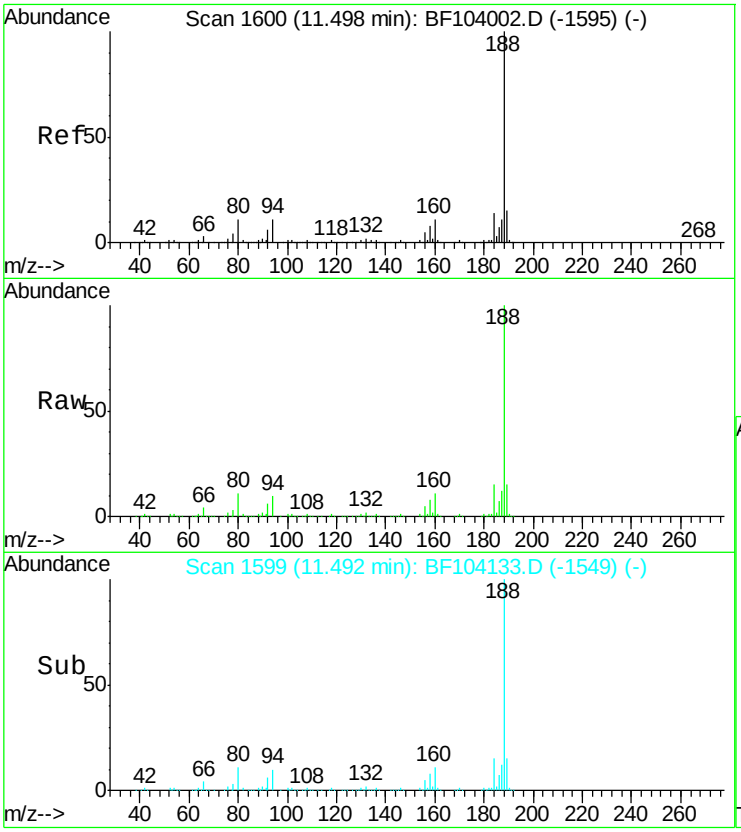


#56
2,4-Dinitrotoluene
Concen: 5.720 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.20 min
Lab File: BF104133.D
Acq: 2 Apr 2018 14:22

Tgt Ion:165 Resp: 29612

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



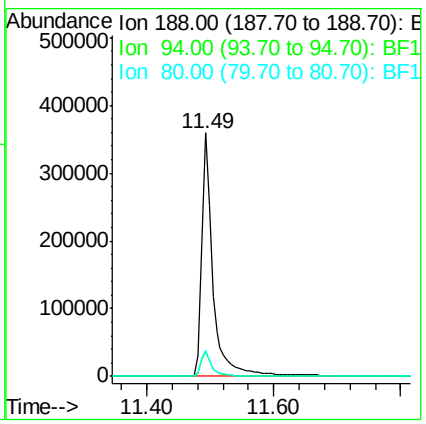


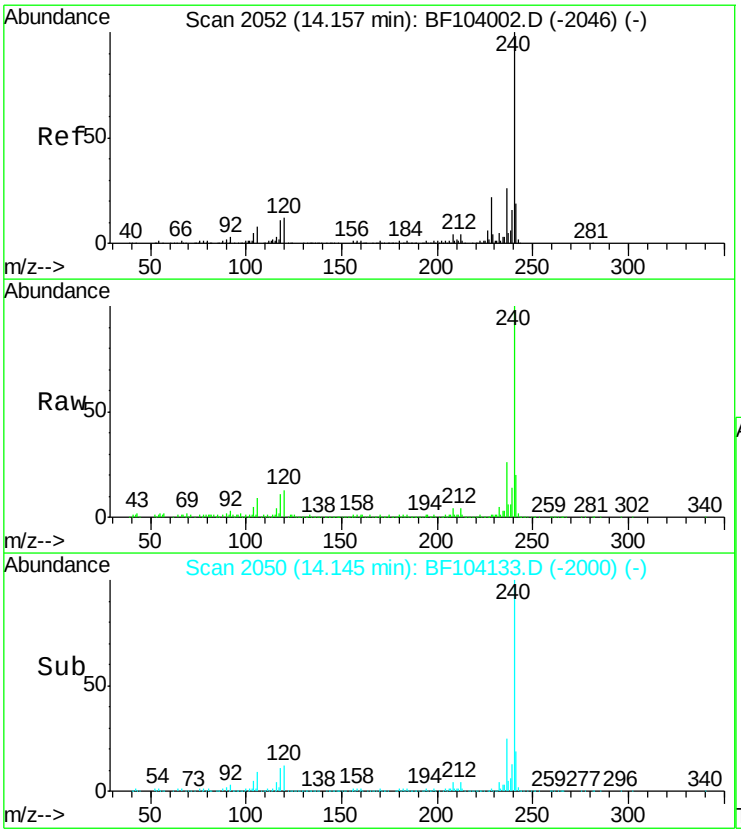
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104133.D
Acq: 2 Apr 2018 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 441819

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.8	9.2	13.8

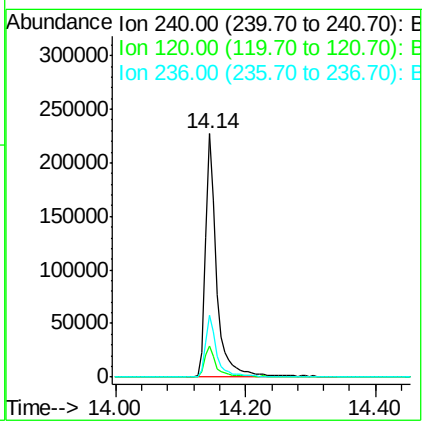


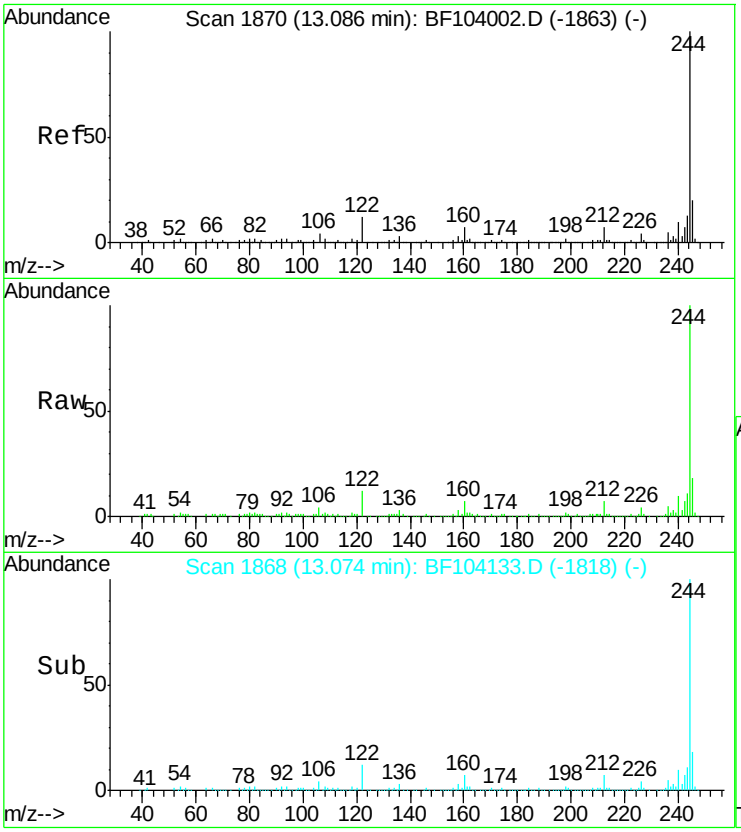


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF104133.D
Acq: 2 Apr 2018 14:22

Tgt Ion:240 Resp: 272298

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	25.6	20.7	31.1



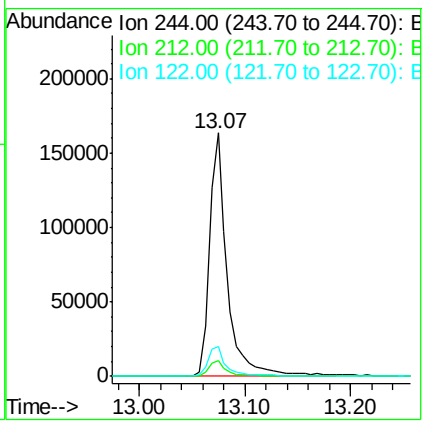


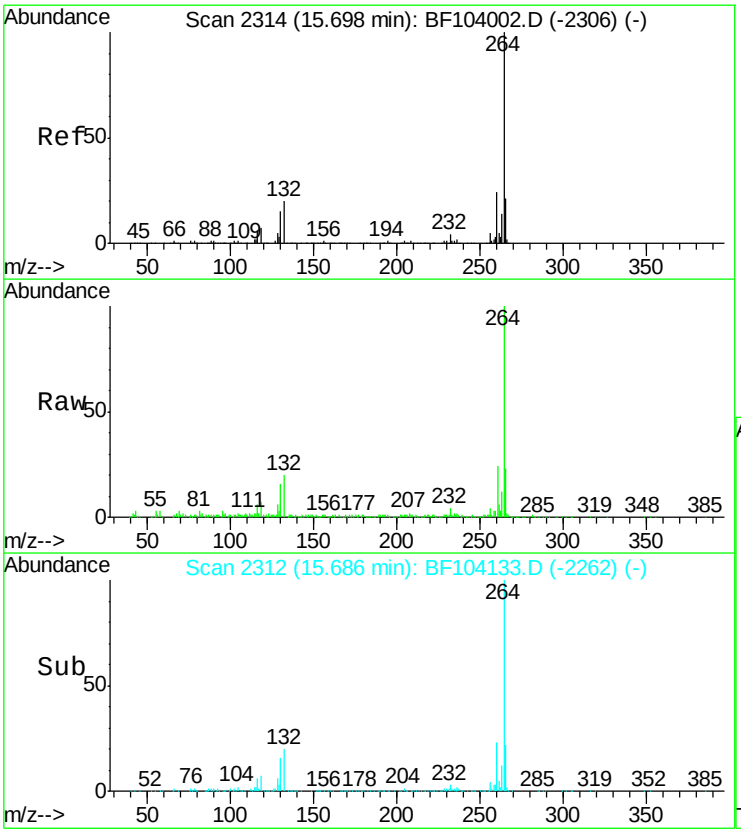
#78
Terphenyl-d14
Concen: 16.417 ng
RT: 13.07 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BF104133.D
Acq: 2 Apr 2018 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 193603

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF104133.D
Acq: 2 Apr 2018 14:22

Tgt Ion:264 Resp: 270216

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.5	17.5	26.3