Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102084.D
Acq On : 16 Jan 2018 00:53
Operator : SJ/JU
Sample : J1122-24
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 16 02:09:10 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	180834	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	679584	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	259171	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	351370	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	308841	20.00	ng	-0.02
86) Perylene-d12	15.28	264	304743	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1280789	100.01	ng	0.01
7) Phenol-d6	6.36	99	1503278	98.39	ng	0.00
23) Nitrobenzene-d5	7.29	82	953160	82.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	235148	103.97	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1558351	93.94	ng	-0.01
78) Terphenyl-d14	12.82	244	959577	64.51	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.37	94	41308	2.392	ng	# 55
19) n-Nitroso-di-n-propylamine	7.29	70	128210	12.804	ng	# 83
25) Isophorone	7.29	82	950209	41.583	ng	# 64
49) Dimethylphthalate	9.47	163	217947	10.483	ng	98
56) 2,4-Dinitrotoluene	9.75	165	34044	6.540	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	474	5.881	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	15055	4.057	ng	# 1

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

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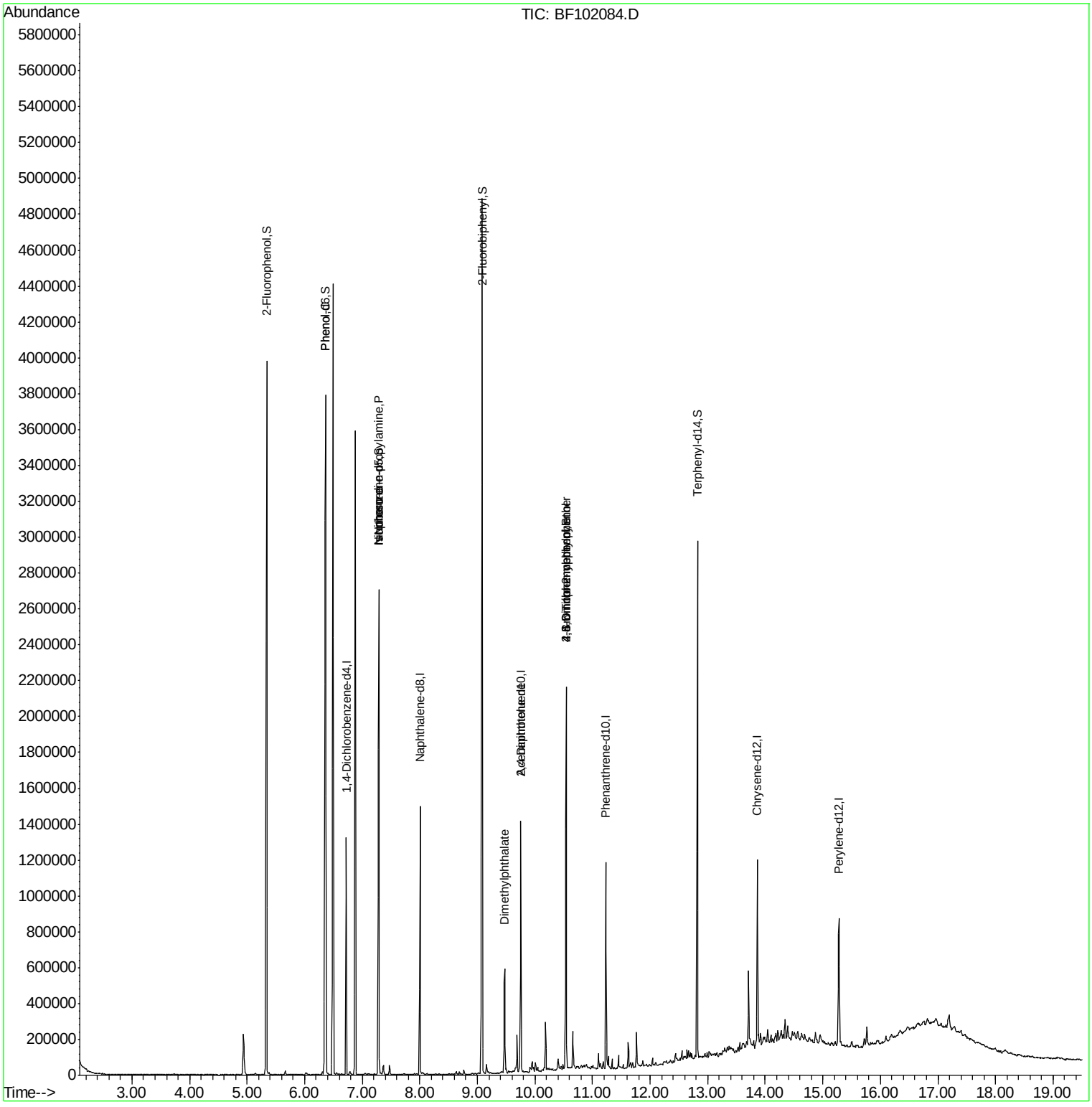
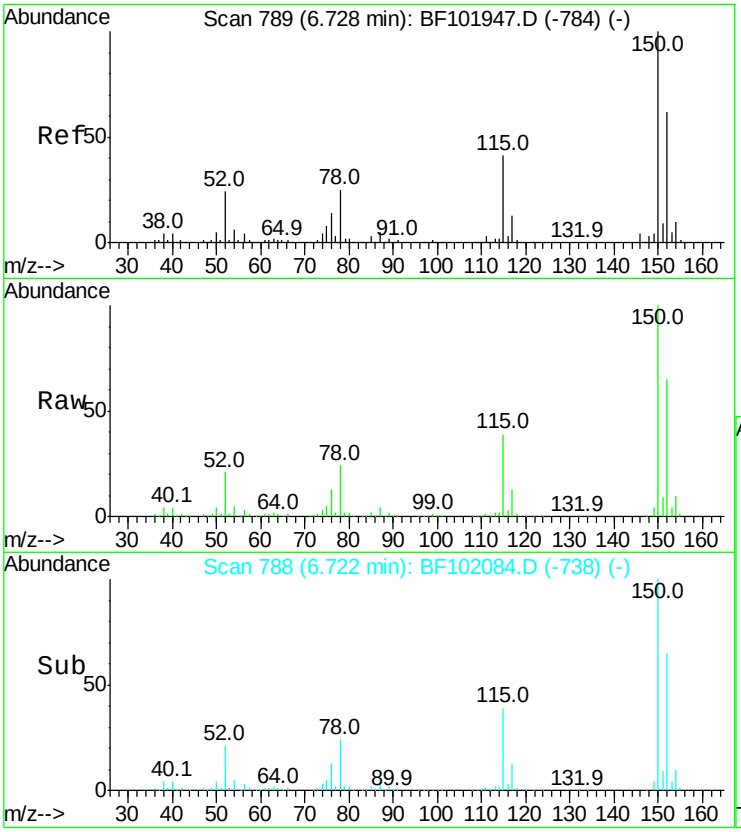
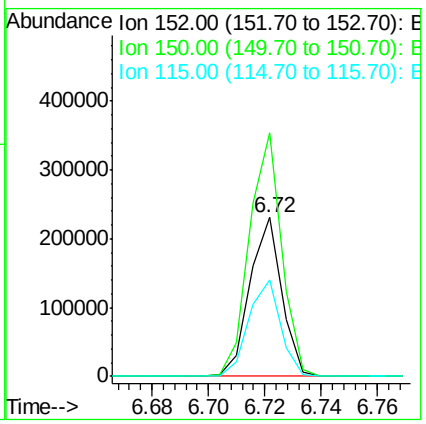




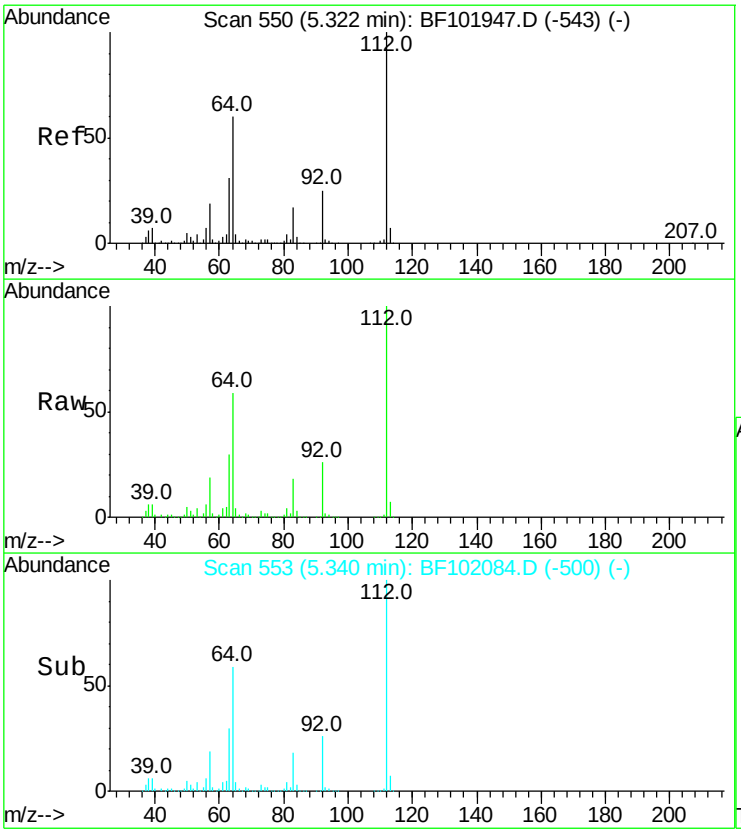
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Tgt Ion:152 Resp: 180834

Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	186.8
115	60.4	50.1	75.1



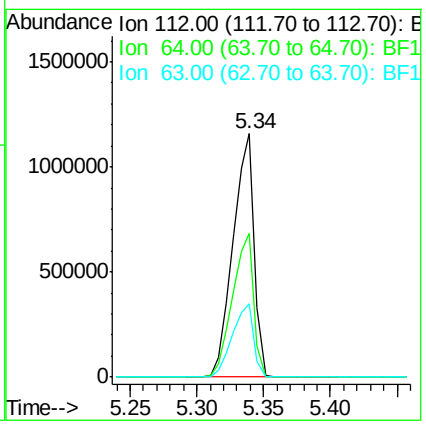
Instrument :
BNA_F
ClientSampleId :

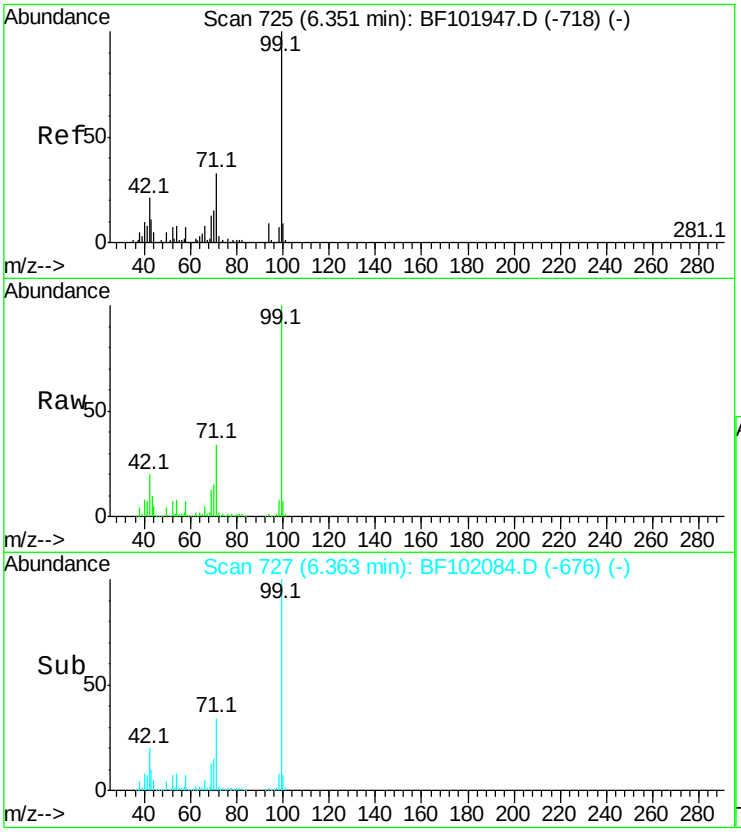


#5
2-Fluorophenol
Concen: 100.013 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Tgt Ion:112 Resp: 1280789

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.9	71.9
63	30.4	23.7	35.5



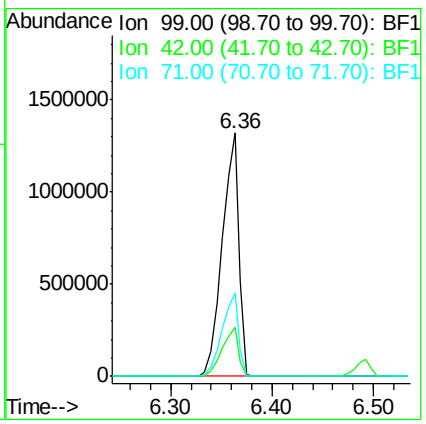


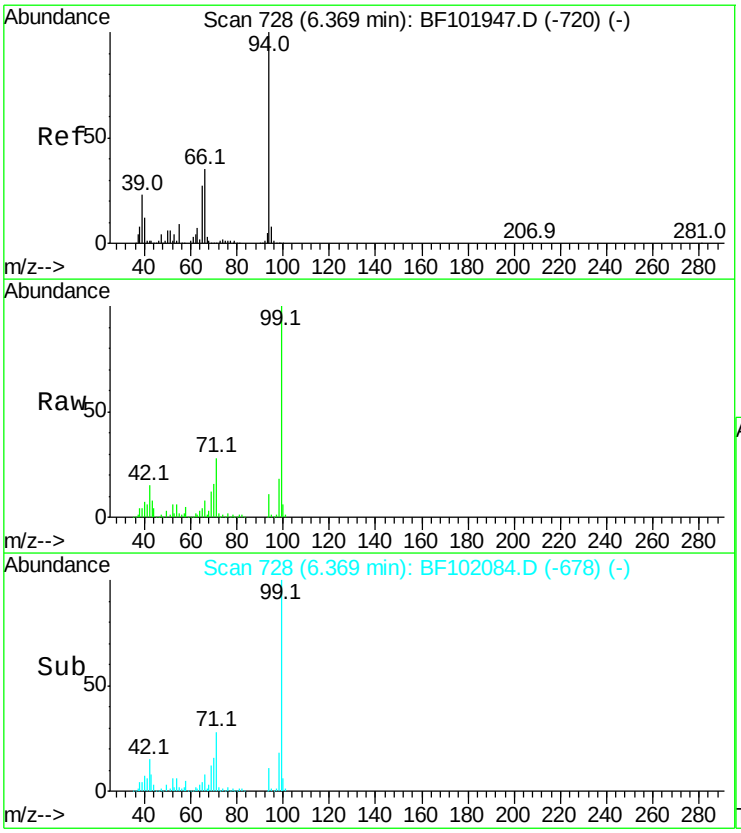
#7
Phenol-d6
Concen: 98.388 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1503278

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	34.3	25.4	38.0

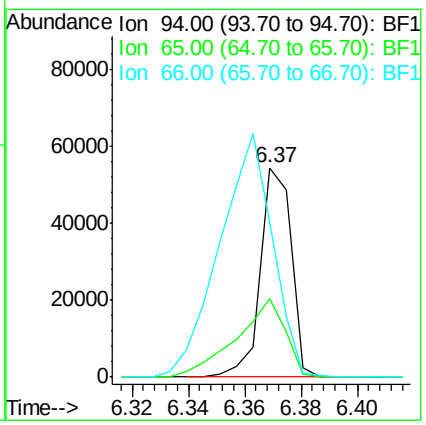


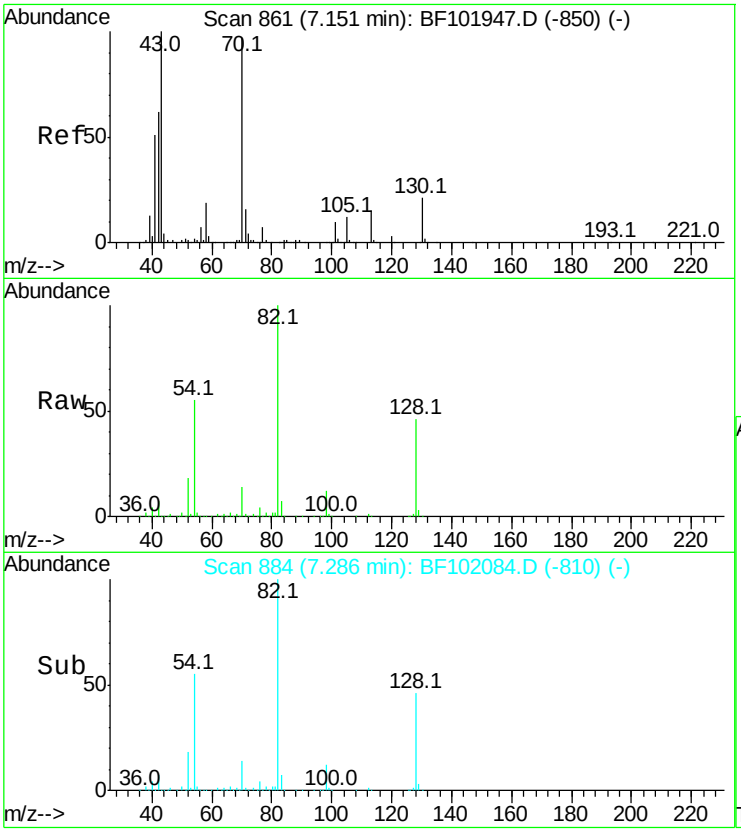


#10
Phenol
Concen: 2.392 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Tgt Ion: 94 Resp: 41308

Ion	Ratio	Lower	Upper
94	100		
65	37.7	7.9	47.9
66	74.5	16.2	56.2#



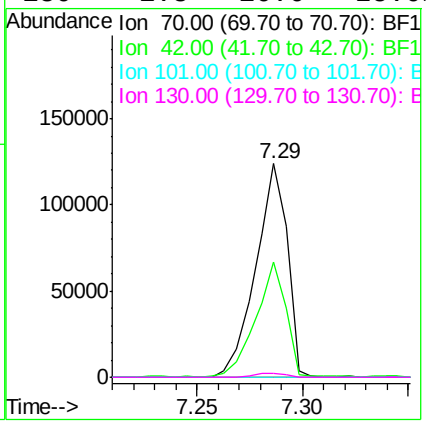


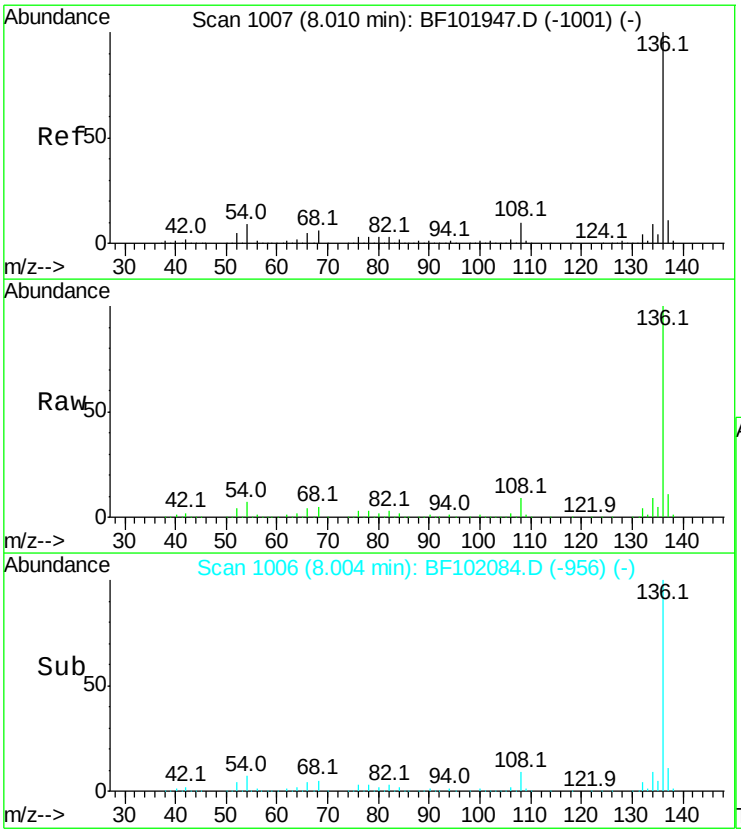
#19
n-Nitroso-di-n-propylamine
Concen: 12.804 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 128210

Ion	Ratio	Lower	Upper
70	100		
42	53.8	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#

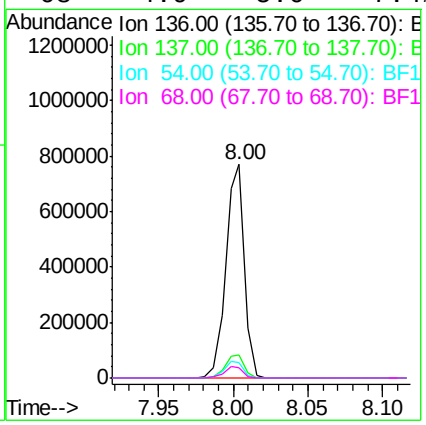


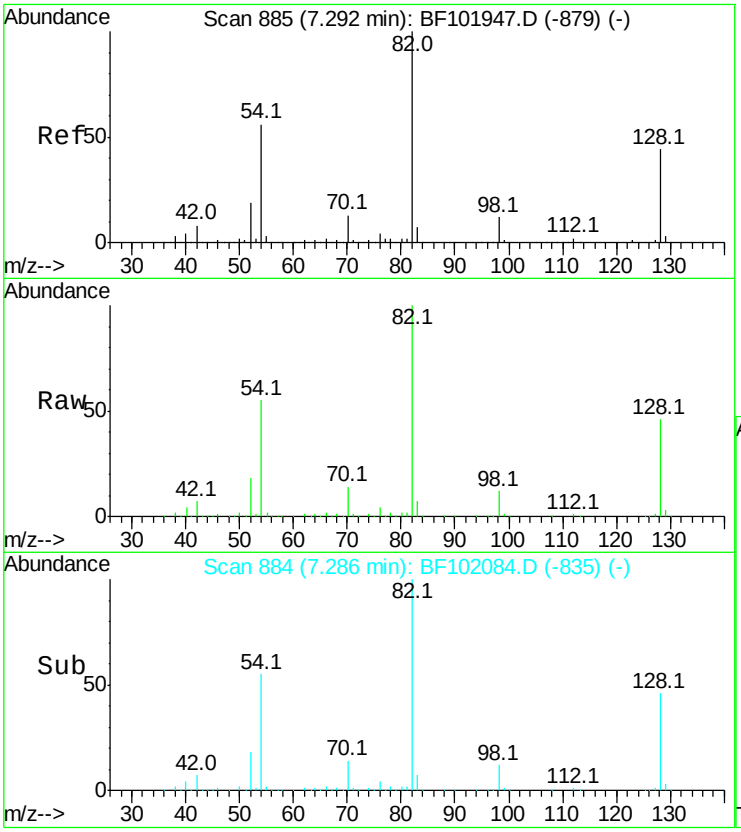


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Tgt Ion:136 Resp: 679584

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	6.6	9.8
68	4.9	5.0	7.4#



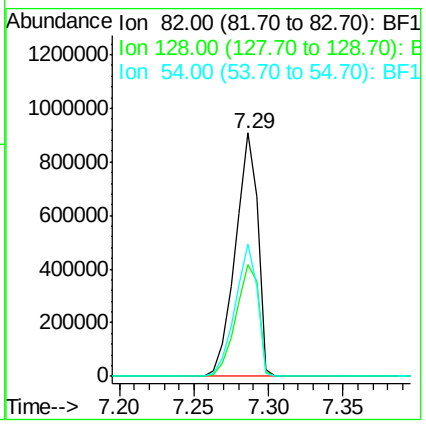


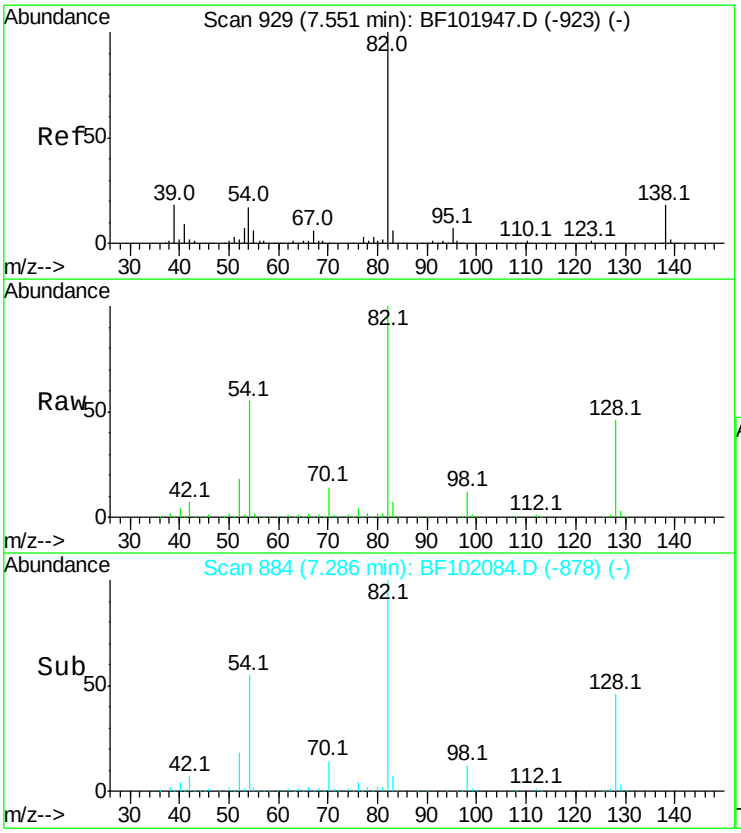
#23
Nitrobenzene-d5
Concen: 82.420 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 953160

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	54.6	41.4	62.2

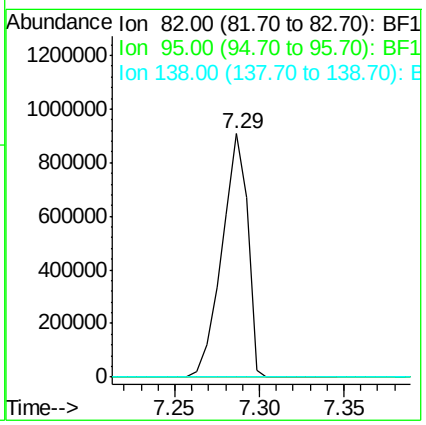


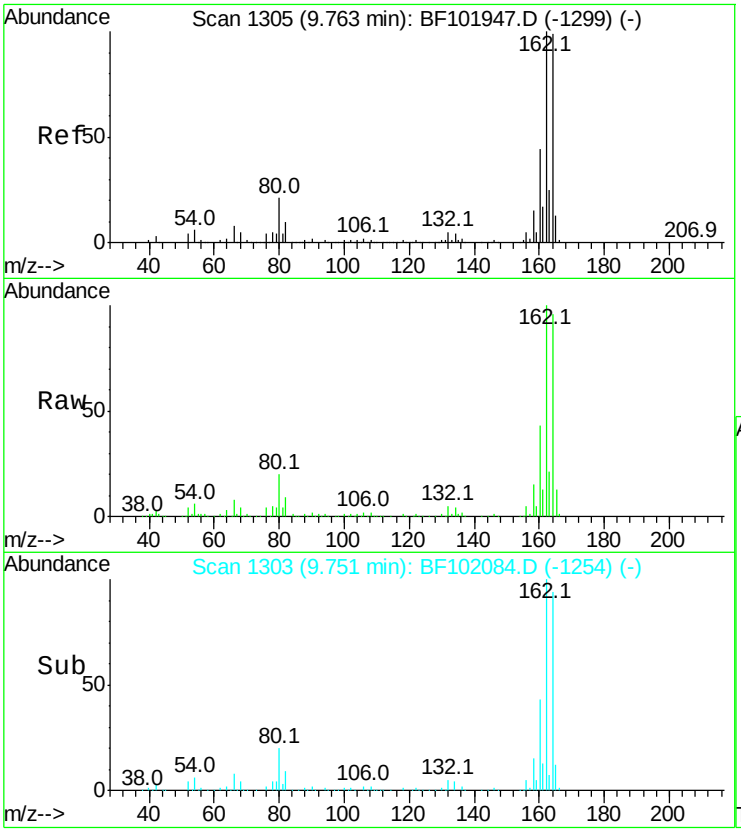


#25
Isophorone
Concen: 41.583 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Tgt Ion: 82 Resp: 950209

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



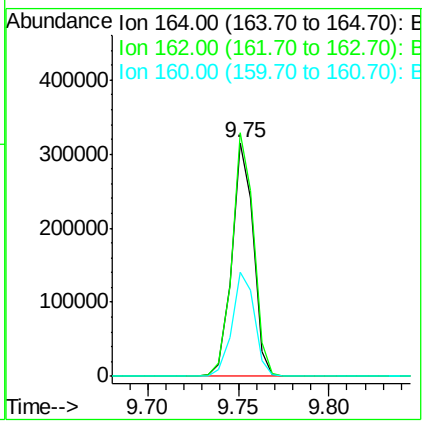


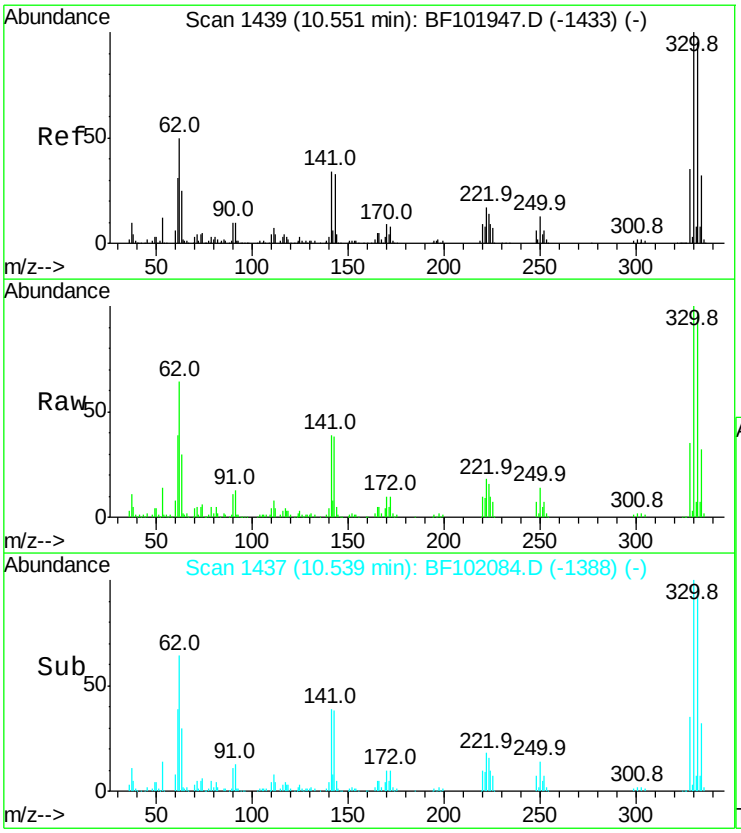
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 259171

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	44.8	38.3	57.5

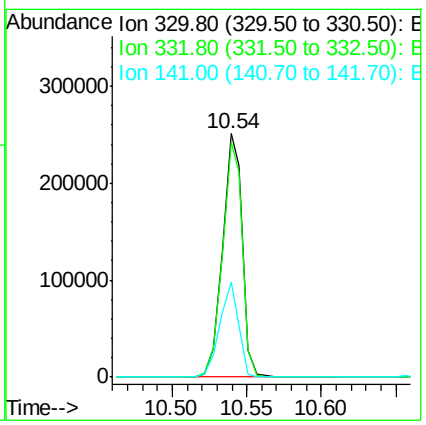


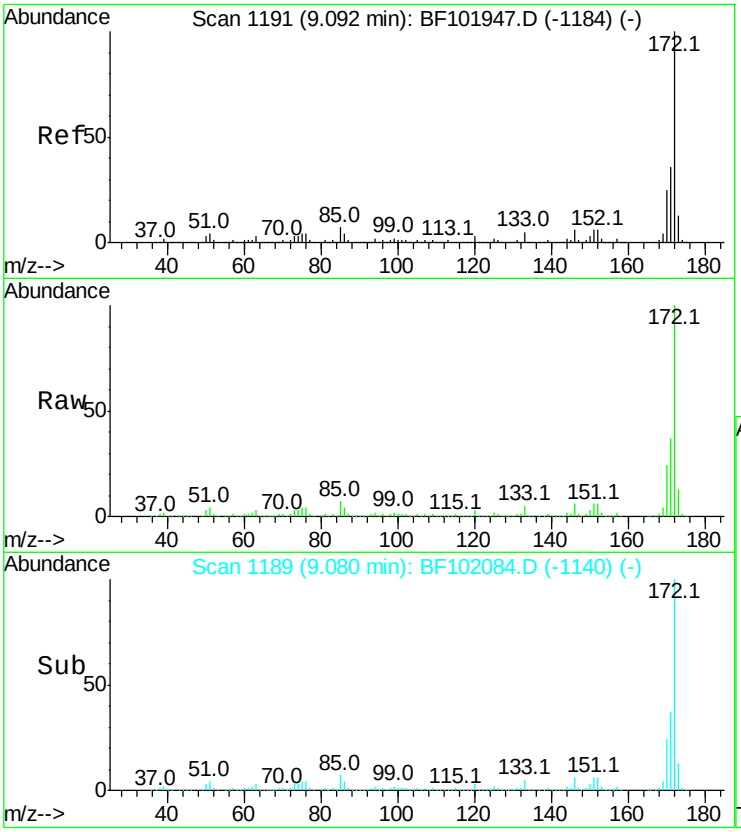


#41
2,4,6-Tribromophenol
Concen: 103.967 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Tgt Ion:330 Resp: 235148

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	37.6	29.9	44.9



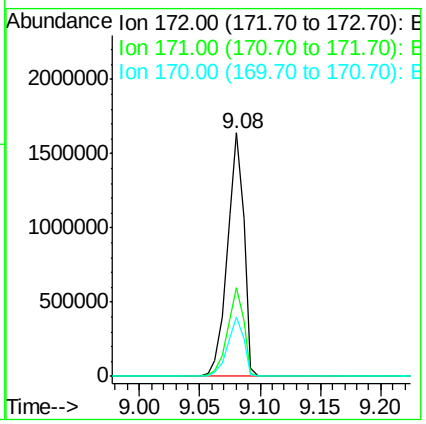


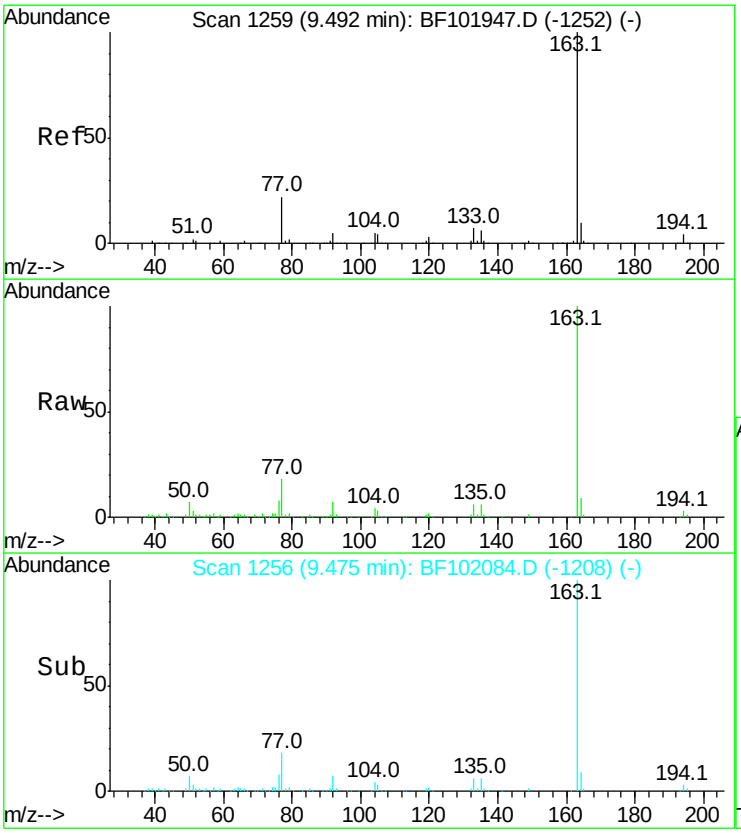
#44
2-Fluorobiphenyl
Concen: 93.937 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1558351

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.4	19.6	29.4

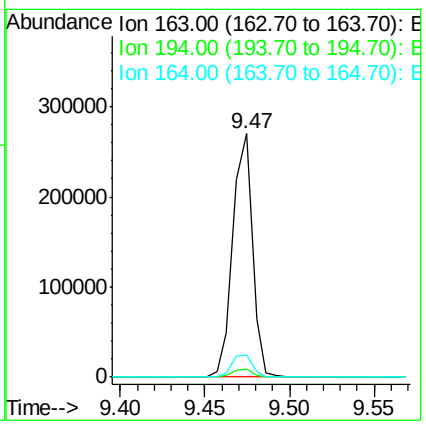


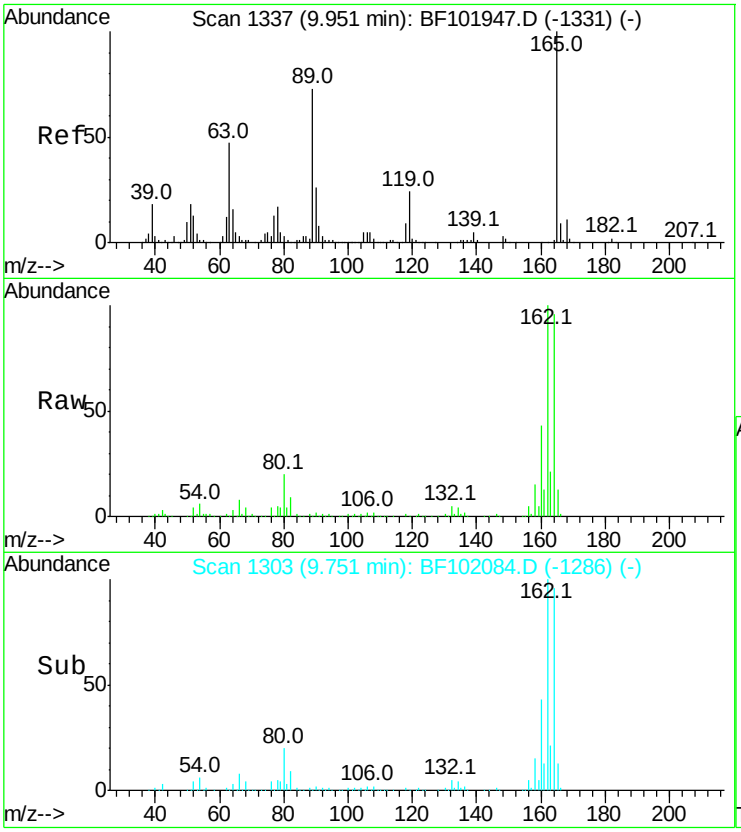


#49
Dimethylphthalate
Concen: 10.483 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Tgt Ion:163 Resp: 217947

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.3	8.2	12.2



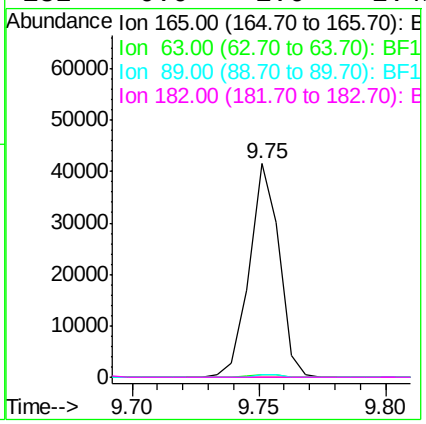


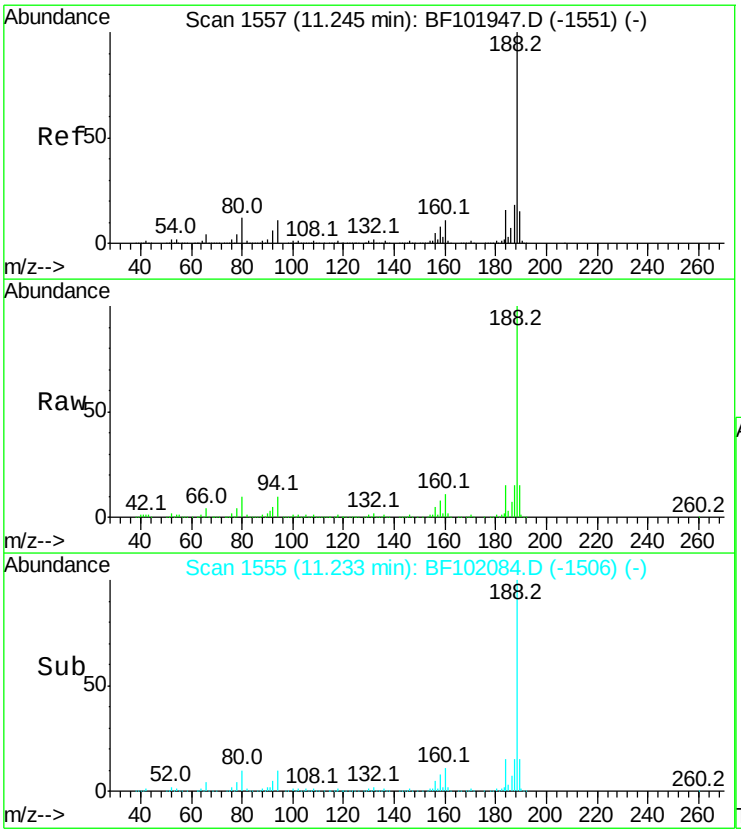
#56
2,4-Dinitrotoluene
Concen: 6.540 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 34044

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

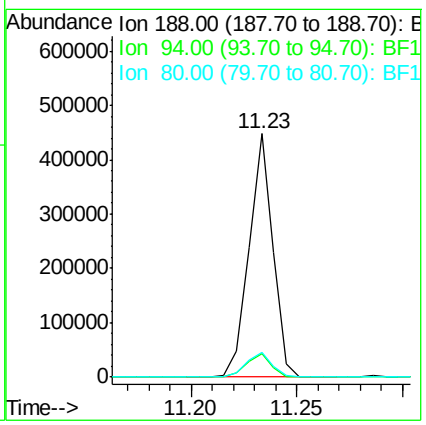


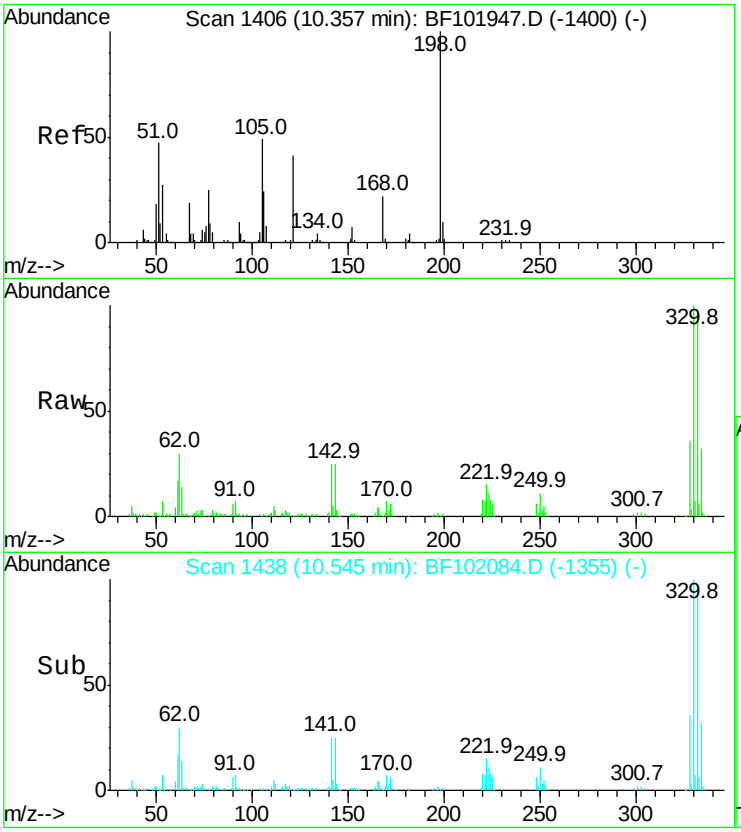


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Tgt Ion:188 Resp: 351370

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.4	9.2	13.8



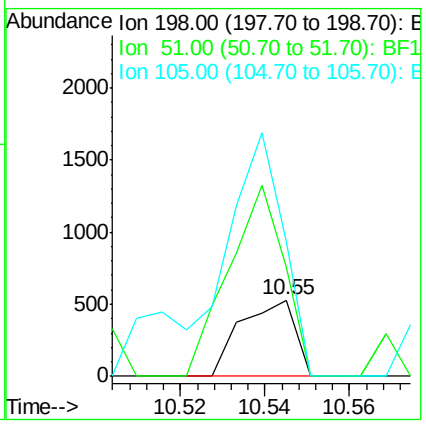


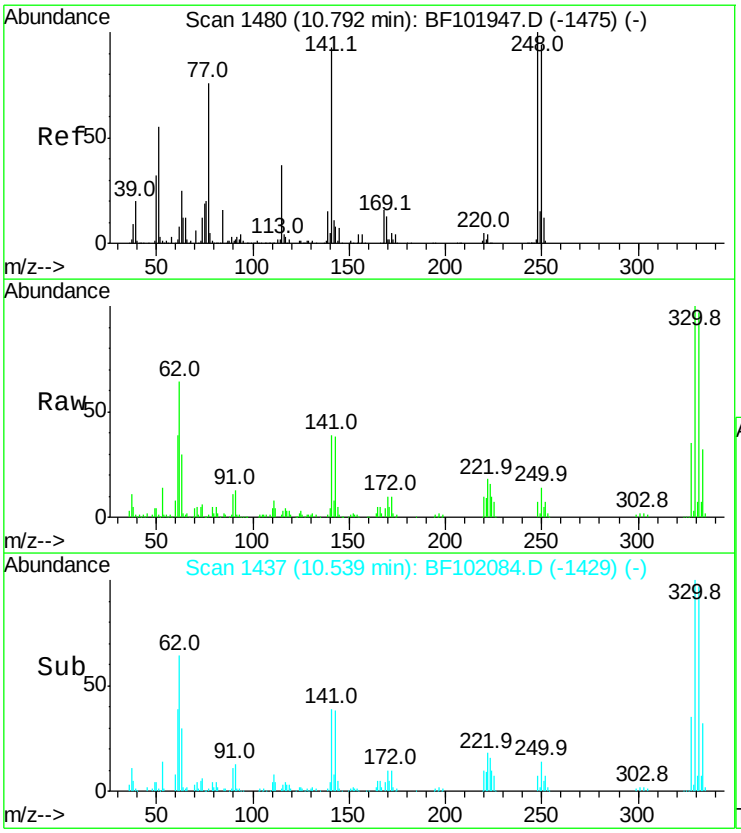
#64
4,6-Dinitro-2-methylphenol
Concen: 5.881 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 474

Ion	Ratio	Lower	Upper
198	100		
51	144.6	37.7	77.7#
105	178.0	36.3	76.3#

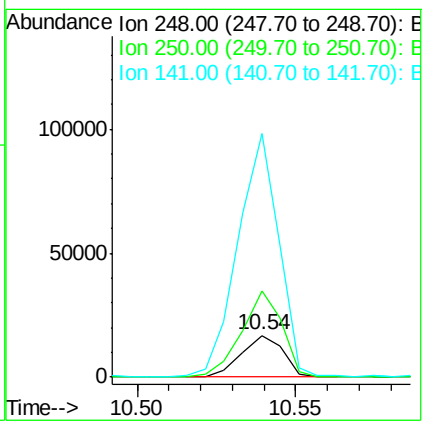


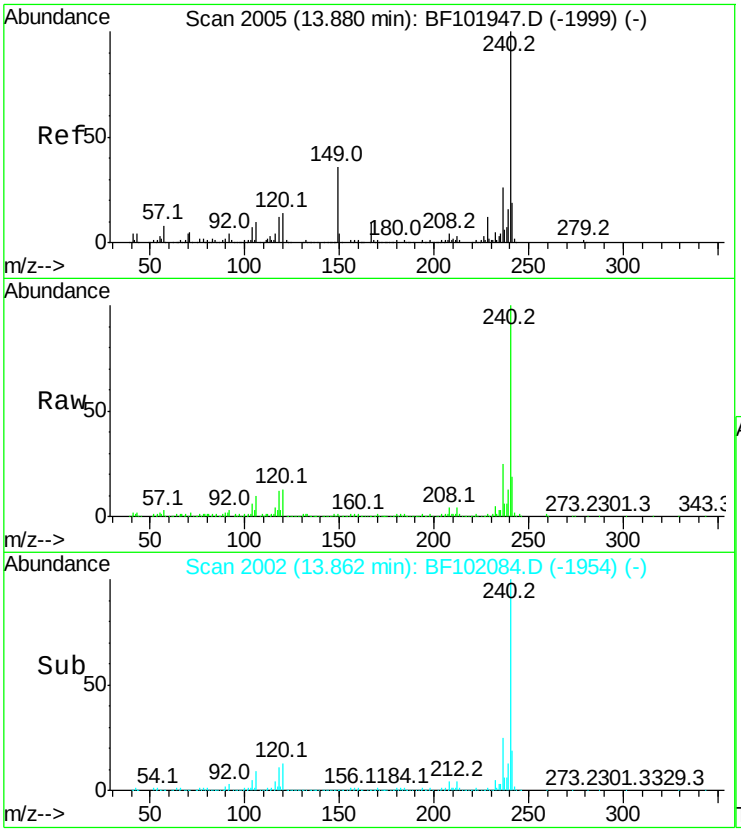


#66
4-Bromophenyl-phenylether
Concen: 4.057 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Tgt Ion:248 Resp: 15055

Ion	Ratio	Lower	Upper
248	100		
250	207.0	76.9	115.3#
141	585.2	74.4	111.6#



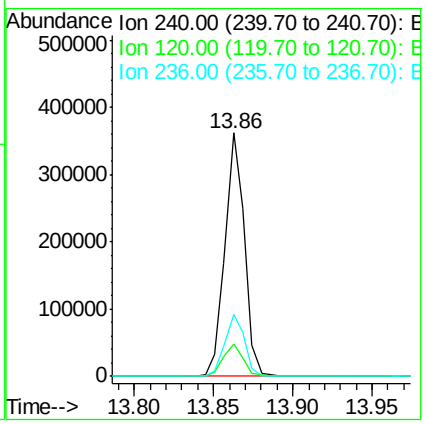


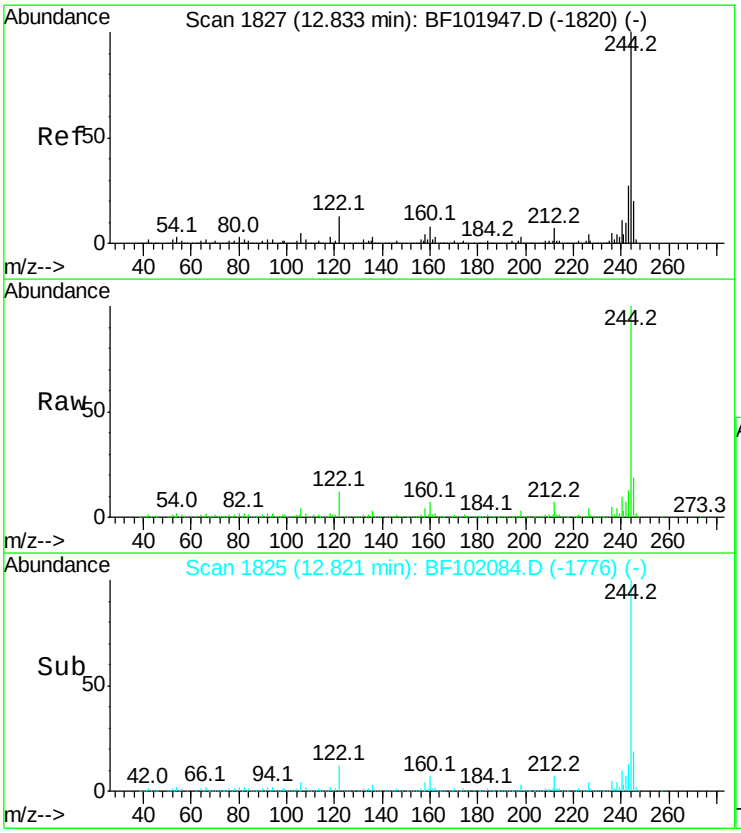
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 308841

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.2	20.7	31.1

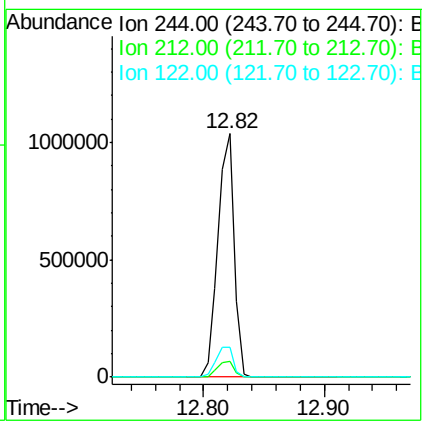


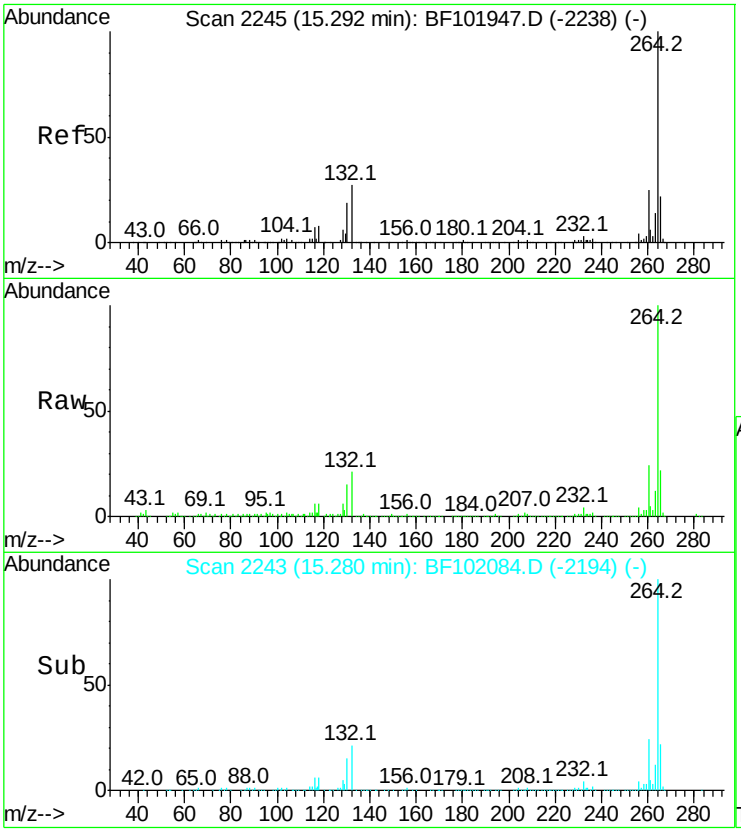


#78
Terphenyl-d14
Concen: 64.510 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Tgt Ion:244 Resp: 959577

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 304743

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.0	17.5	26.3