Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104817.D
Acq On : 26 Apr 2018 5:13
Operator : JU/SJ
Sample : J2470-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 26 08:25:30 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	117220	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	472848	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	199535	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	309954	20.00	ng	0.00
75) Chrysene-d12	13.97	240	256118	20.00	ng	-0.01
86) Perylene-d12	15.44	264	191190	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	443534	57.86	ng	0.00
7) Phenol-d6	6.43	99	337498	35.83	ng	-0.01
23) Nitrobenzene-d5	7.37	82	706337	97.54	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	243320	117.56	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1181357	93.53	ng	0.00
78) Terphenyl-d14	12.92	244	991151	88.23	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	93241	15.149	ng	# 72
25) Isophorone	7.37	82	706333	46.127	ng	# 64
49) Dimethylphthalate	9.55	163	36067	2.292	ng	99
50) 2,6-Dinitrotoluene	9.84	165	25613	8.797	ng	# 25
56) 2,4-Dinitrotoluene	9.84	165	25613	6.706	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	528	7.643	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	14937	4.531	ng	# 1
76) Benzidine	12.92	184	13195	Below Cal		97

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

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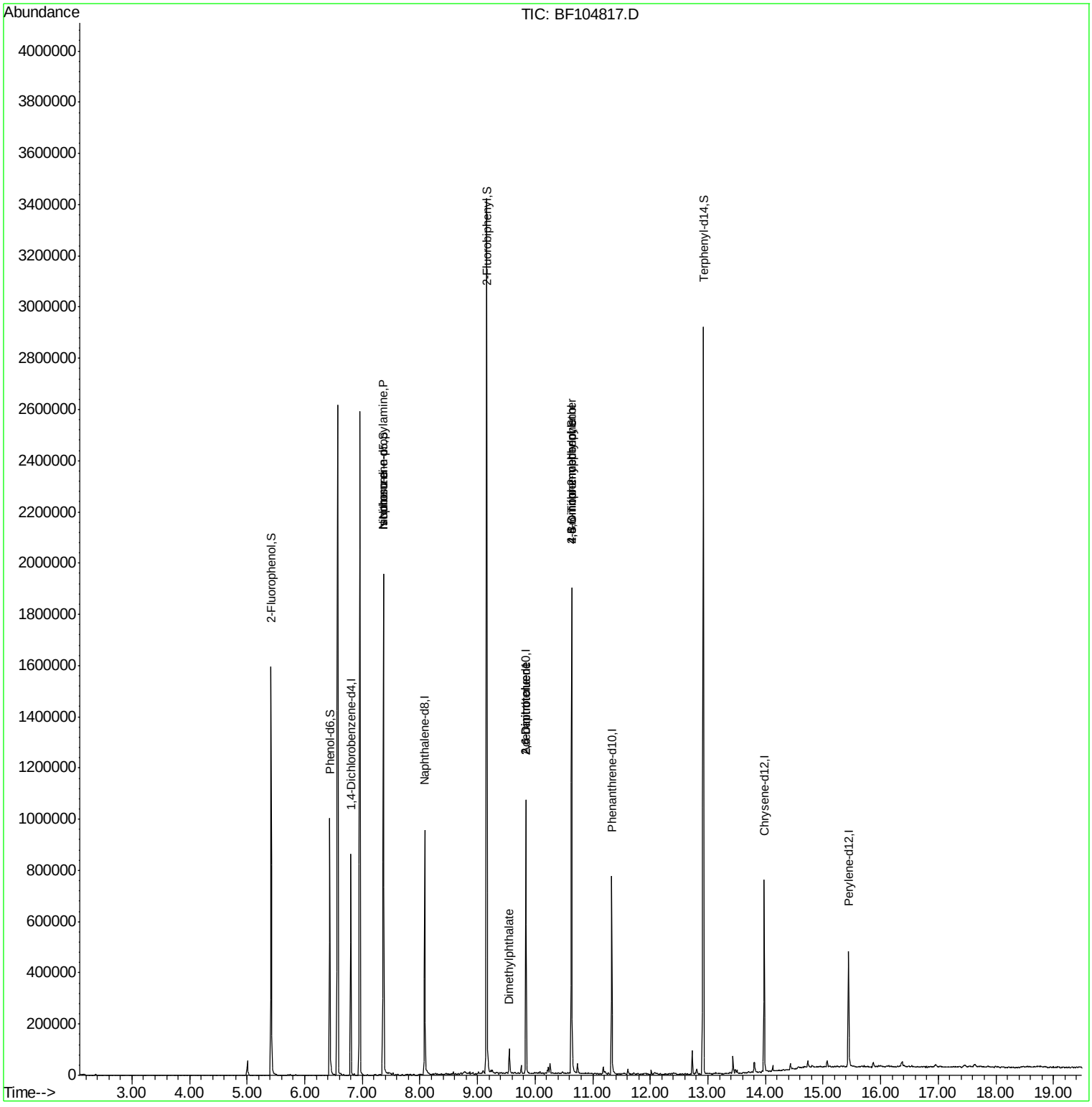
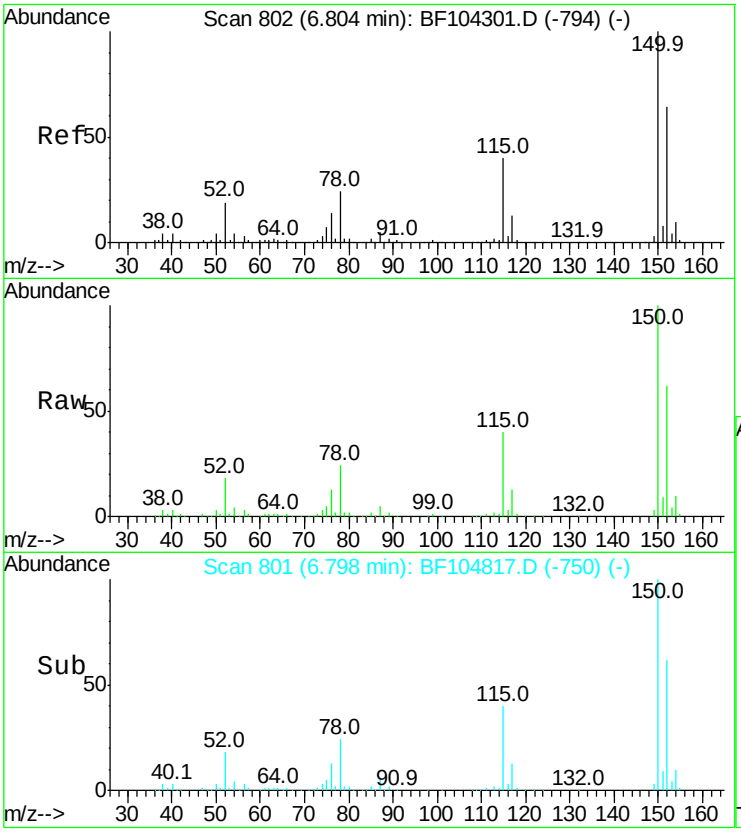


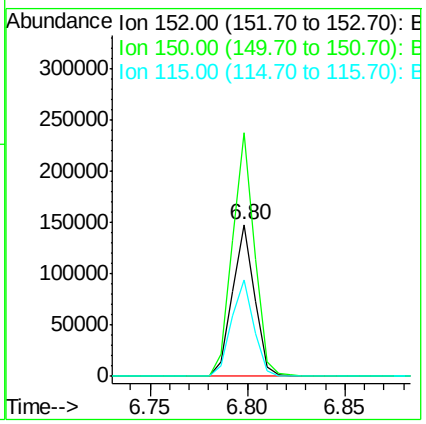


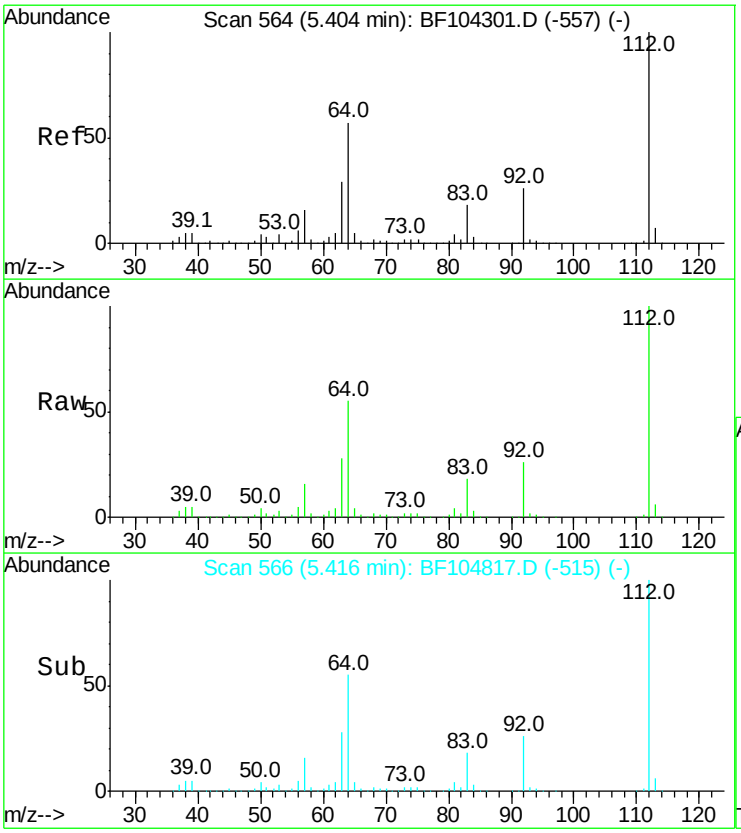
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104817.D
Acq: 26 Apr 2018 5:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 117220

Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.6	186.8
115	63.7	50.1	75.1

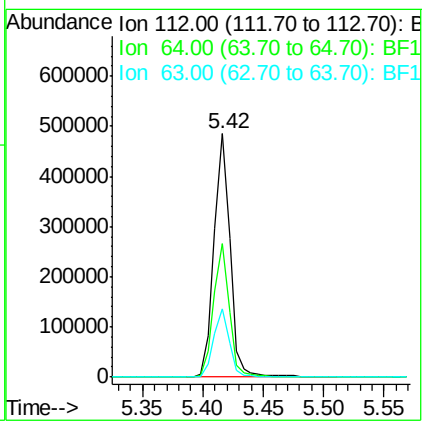


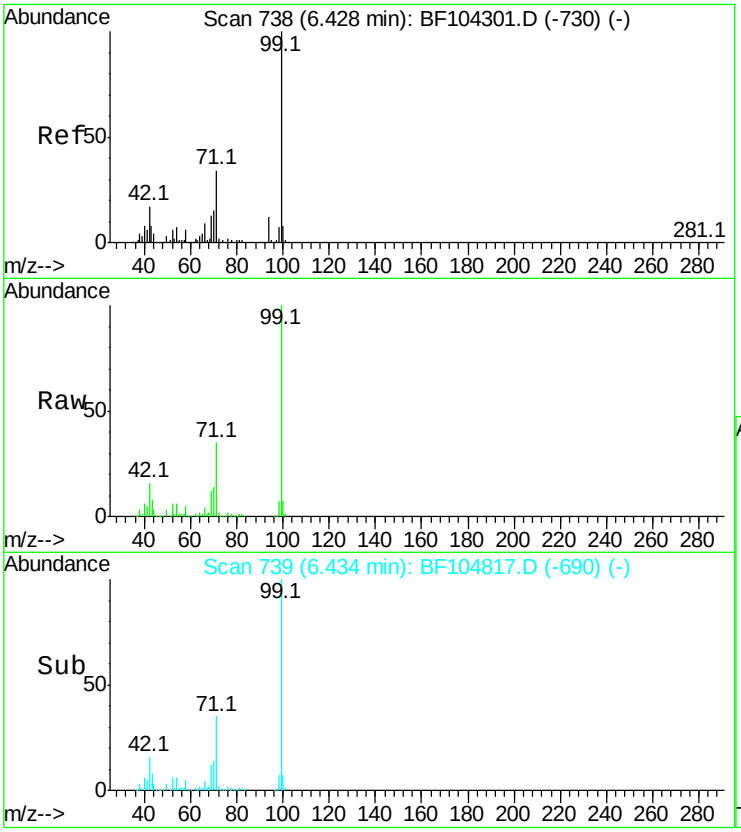


#5
2-Fluorophenol
Concen: 57.856 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104817.D
Acq: 26 Apr 2018 5:13

Tgt Ion:112 Resp: 443534

Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.9	71.9
63	28.3	23.7	35.5



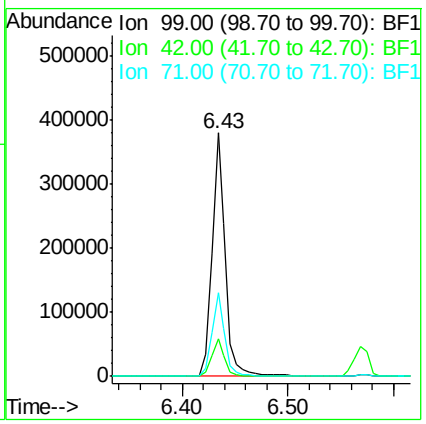


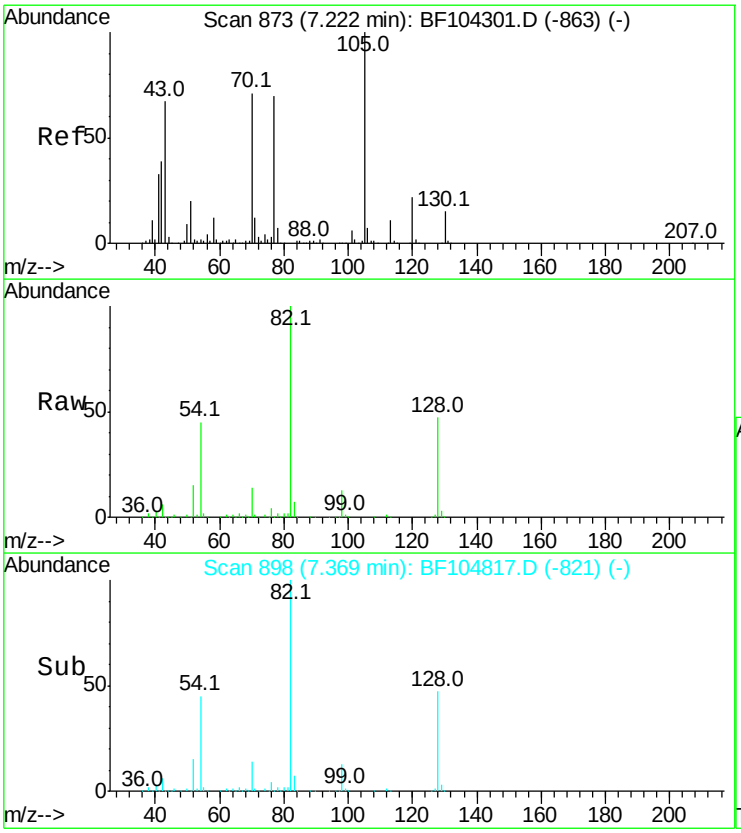
#7
Phenol-d6
Concen: 35.831 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF104817.D
Acq: 26 Apr 2018 5:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 337498

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	34.6	25.4	38.0

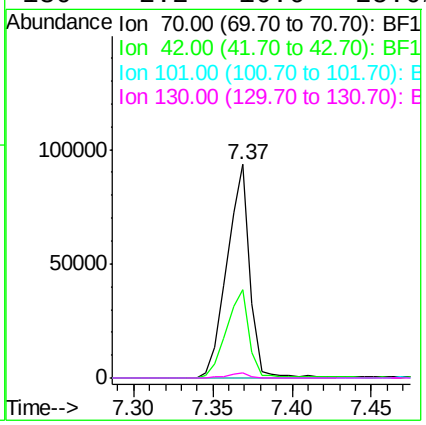


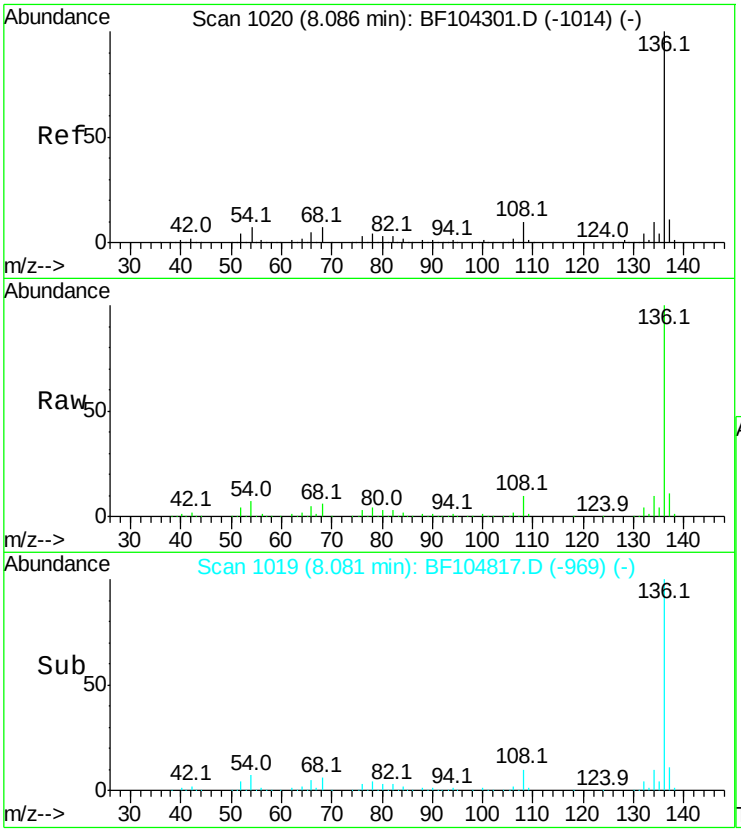


#19
n-Nitroso-di-n-propylamine
Concen: 15.149 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104817.D
Acq: 26 Apr 2018 5:13

Tgt Ion: 70 Resp: 93241

Ion	Ratio	Lower	Upper
70	100		
42	41.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



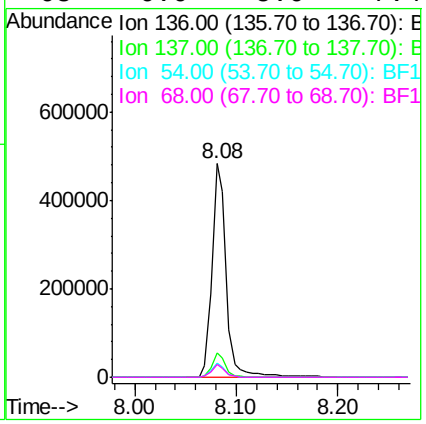


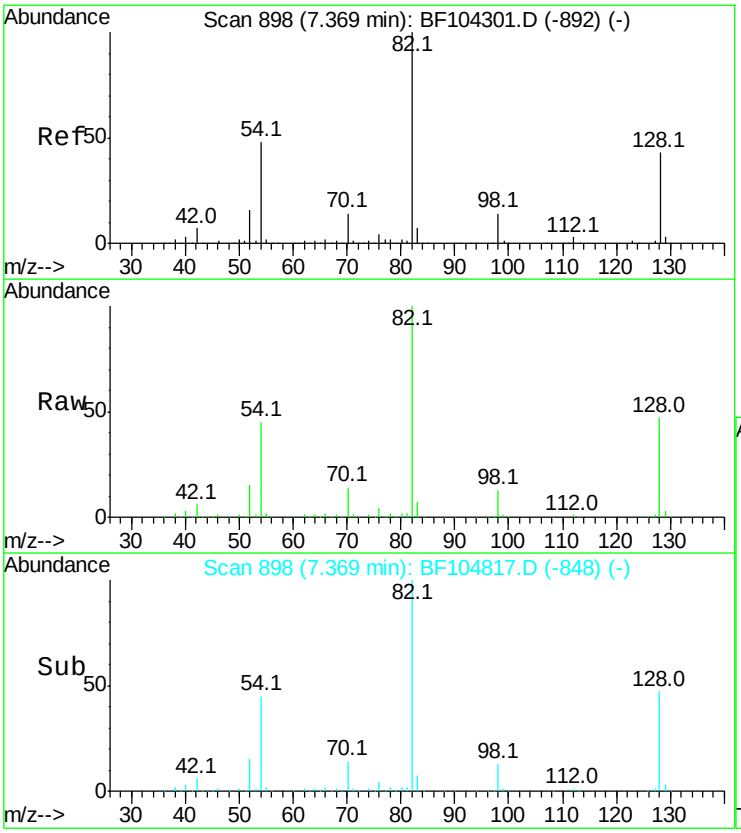
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104817.D
Acq: 26 Apr 2018 5:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 472848

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.9	6.6	9.8
68	6.0	5.0	7.4

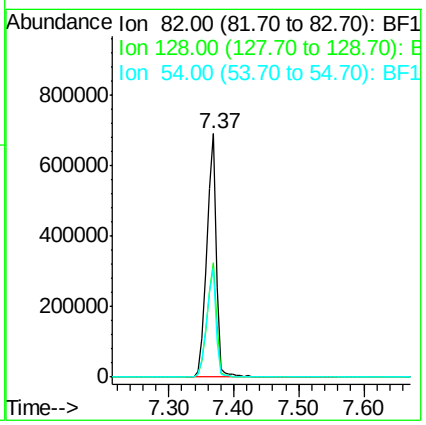


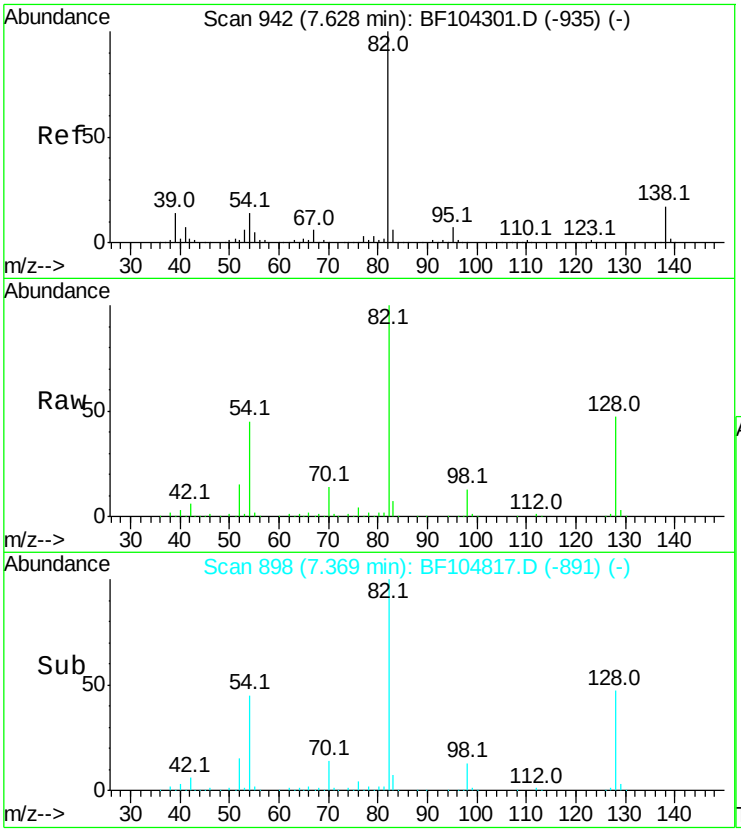


#23
Nitrobenzene-d5
Concen: 97.542 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104817.D
Acq: 26 Apr 2018 5:13

Tgt Ion: 82 Resp: 706337

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	44.9	41.4	62.2



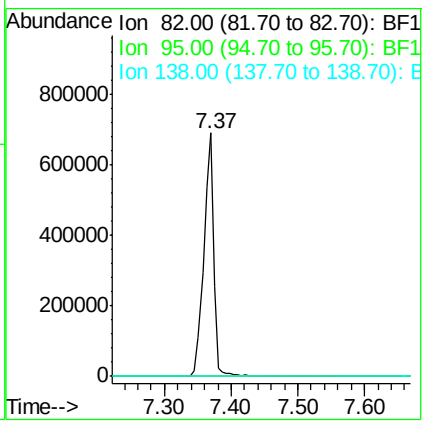


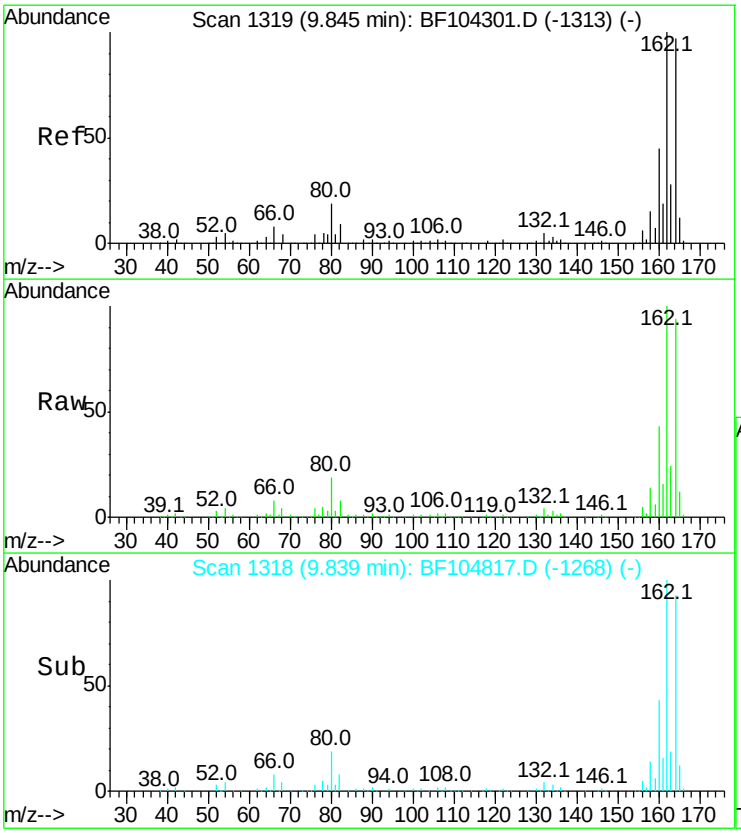
#25
Isophorone
Concen: 46.127 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104817.D
Acq: 26 Apr 2018 5:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 706333

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

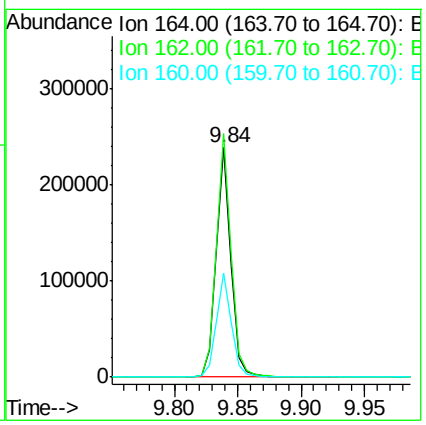


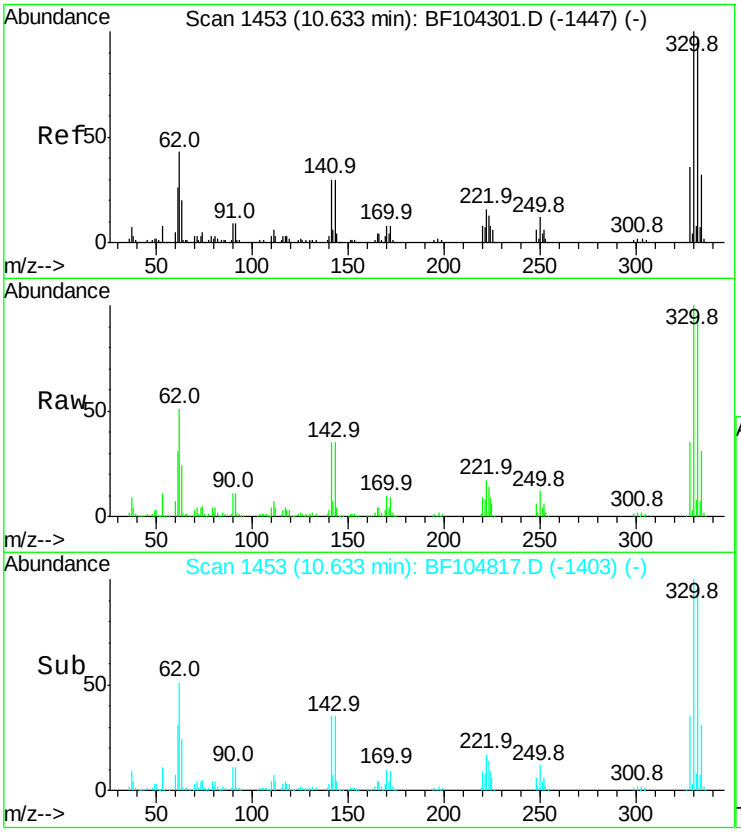


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104817.D
Acq: 26 Apr 2018 5:13

Tgt Ion:164 Resp: 199535

Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	45.5	38.3	57.5



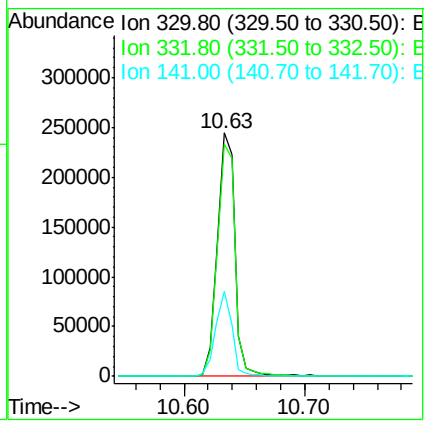


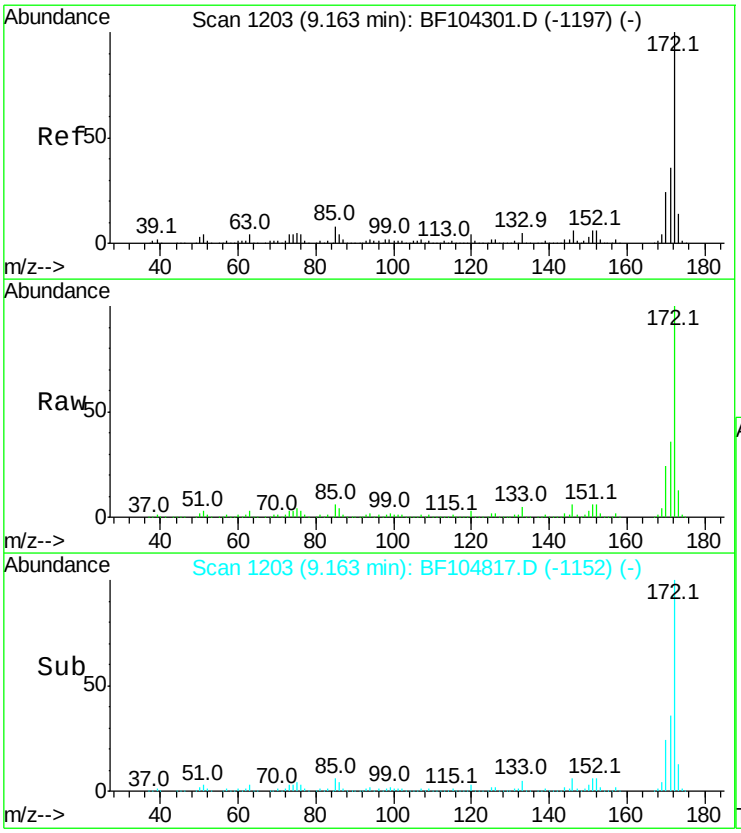
#41
2,4,6-Tribromophenol
Concen: 117.556 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104817.D
Acq: 26 Apr 2018 5:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 243320

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	33.0	29.9	44.9

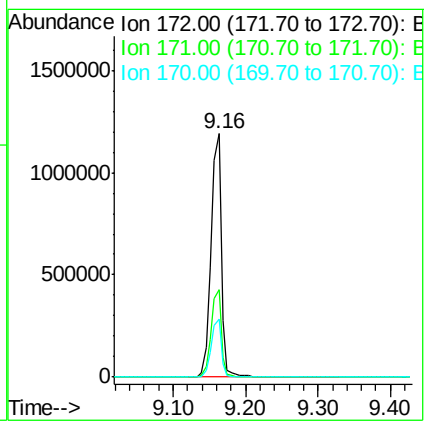


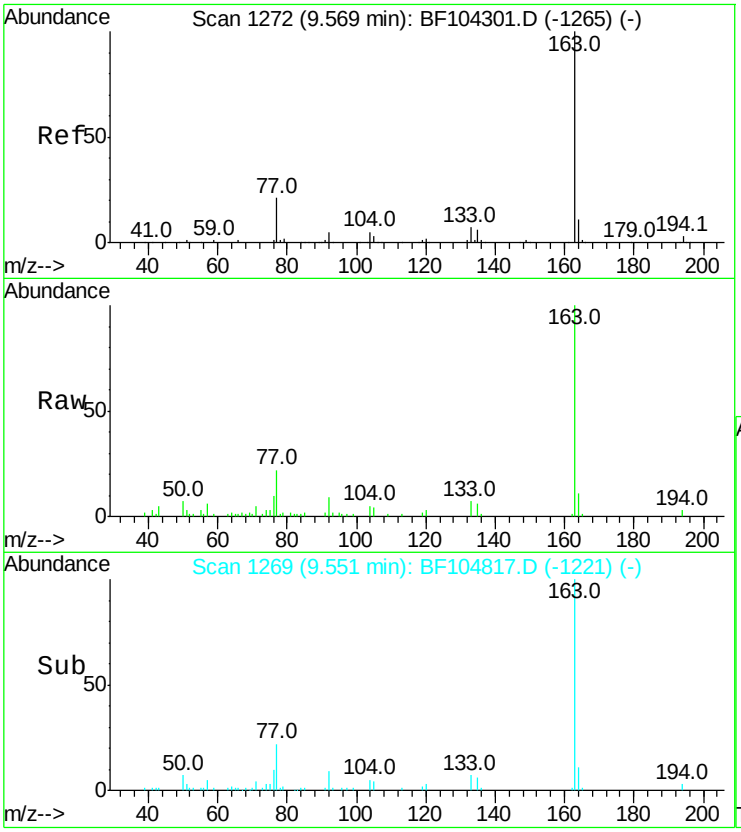


#44
2-Fluorobiphenyl
Concen: 93.530 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF104817.D
Acq: 26 Apr 2018 5:13

Tgt Ion:172 Resp: 1181357

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.0	19.6	29.4

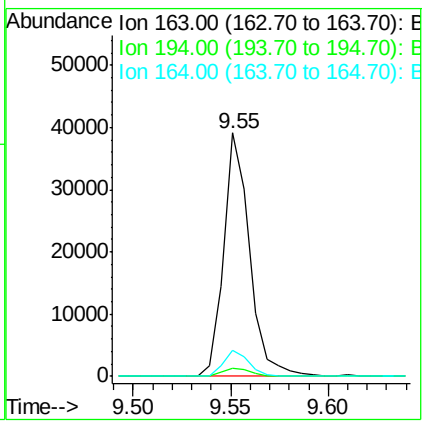




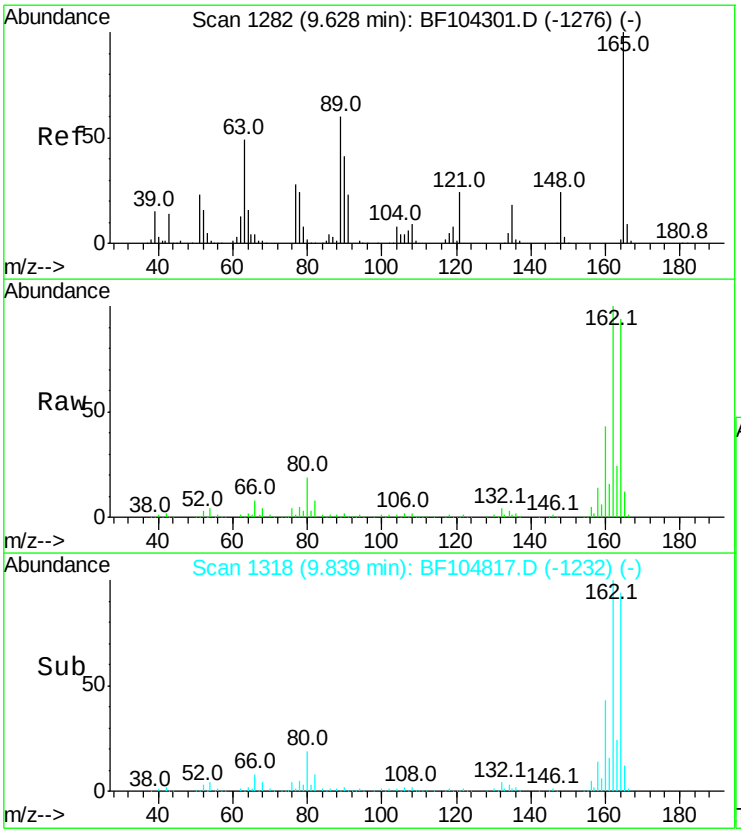
#49
Dimethylphthalate
Concen: 2.292 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104817.D
Acq: 26 Apr 2018 5:13

Tgt Ion:163 Resp: 36067

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.6	8.2	12.2



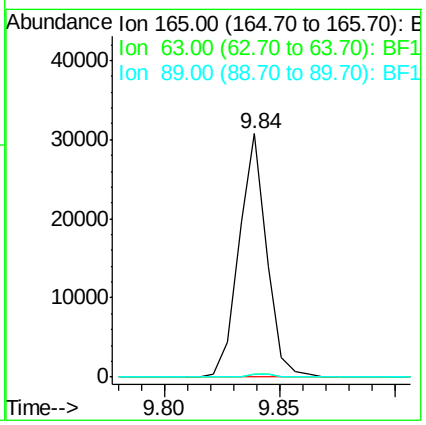
Instrument :
BNA_F
ClientSampleId :

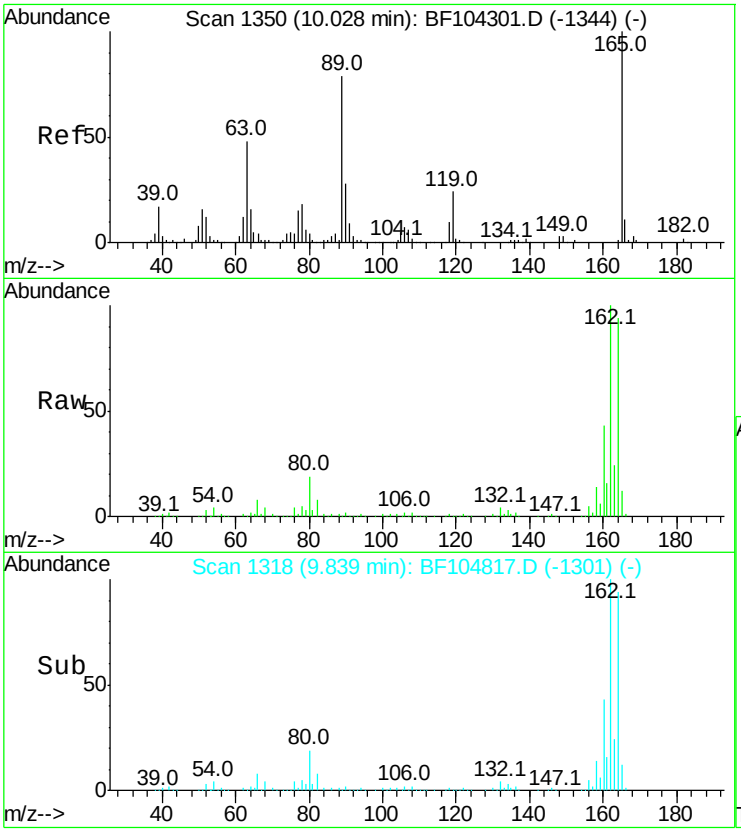


#50
2,6-Dinitrotoluene
Concen: 8.797 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF104817.D
Acq: 26 Apr 2018 5:13

Tgt Ion:165 Resp: 25613

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.1	44.0	66.0#



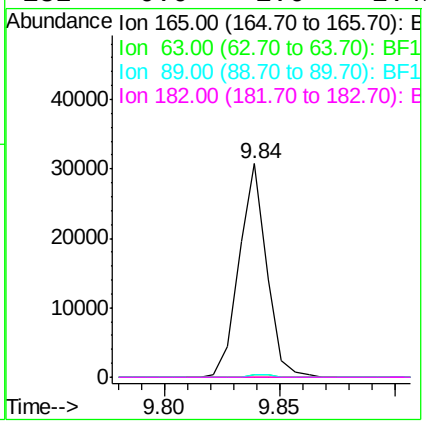


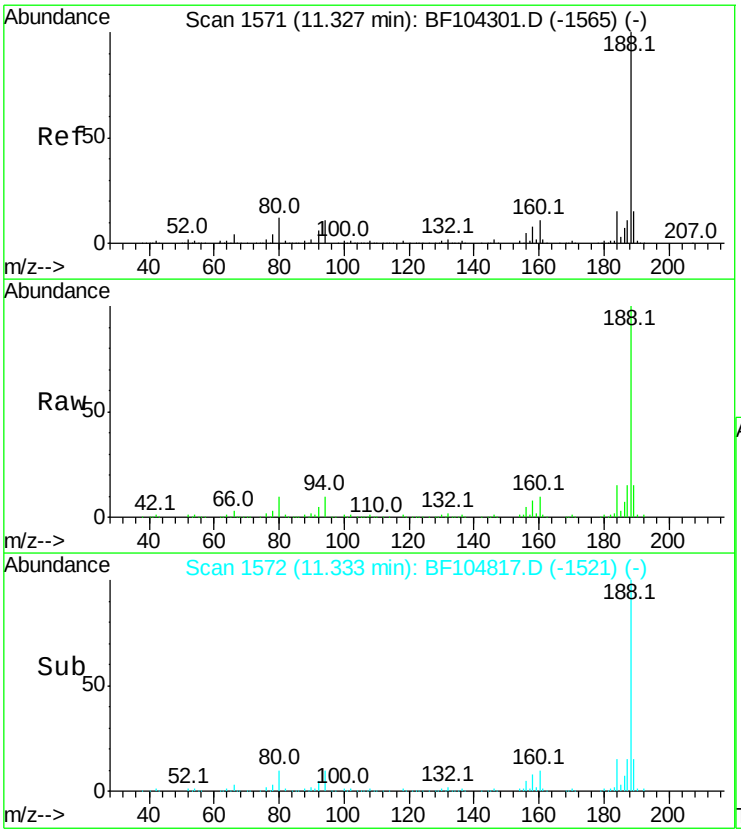
#56
2,4-Dinitrotoluene
Concen: 6.706 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.20 min
Lab File: BF104817.D
Acq: 26 Apr 2018 5:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25613

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

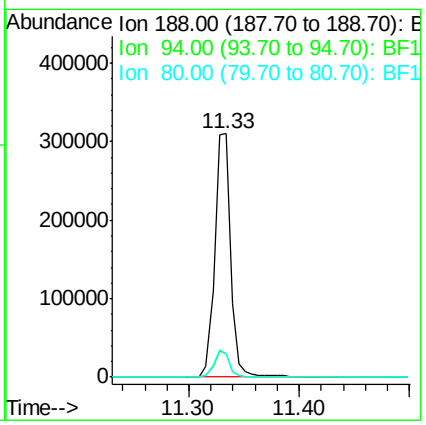


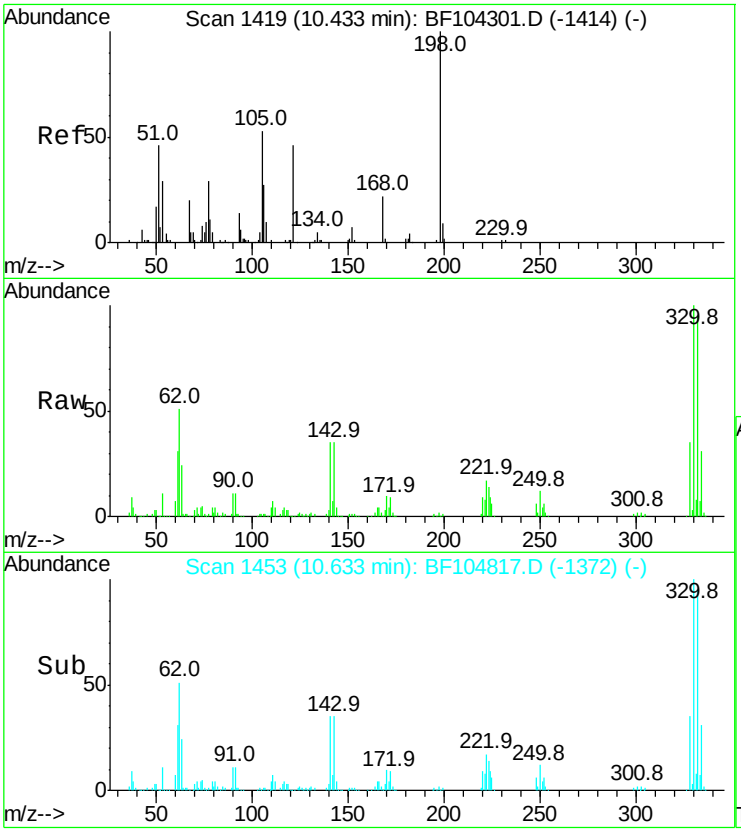


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104817.D
Acq: 26 Apr 2018 5:13

Tgt Ion:188 Resp: 309954

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



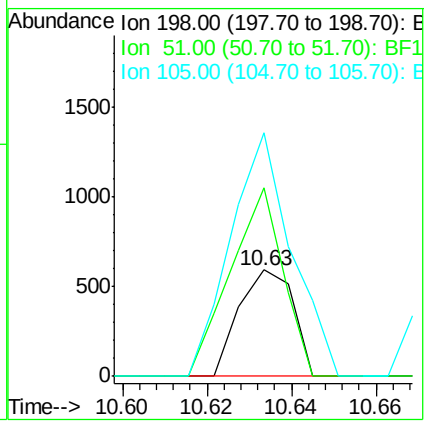


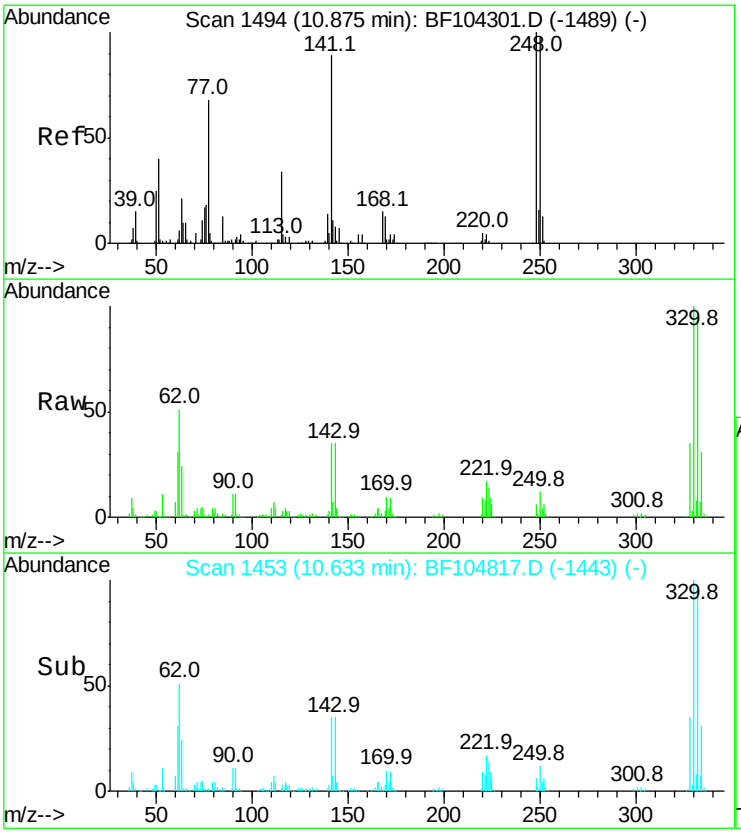
#64
4,6-Dinitro-2-methylphenol
Concen: 7.643 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104817.D
Acq: 26 Apr 2018 5:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 528

Ion	Ratio	Lower	Upper
198	100		
51	177.0	37.7	77.7#
105	229.1	36.3	76.3#

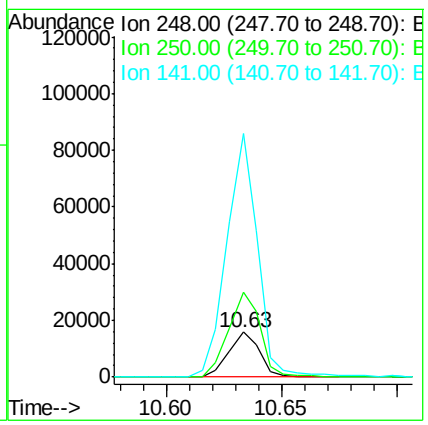


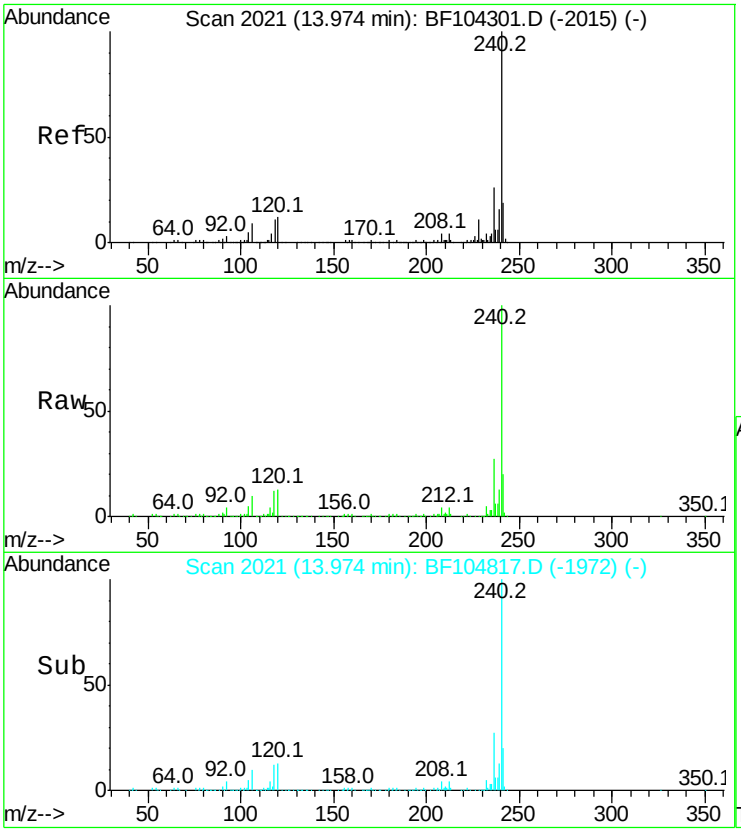


#66
4-Bromophenyl-phenylether
Concen: 4.531 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104817.D
Acq: 26 Apr 2018 5:13

Tgt Ion:248 Resp: 14937

Ion	Ratio	Lower	Upper
248	100		
250	189.3	76.9	115.3#
141	545.5	74.4	111.6#



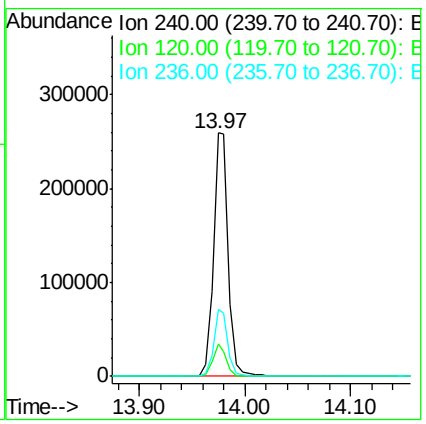


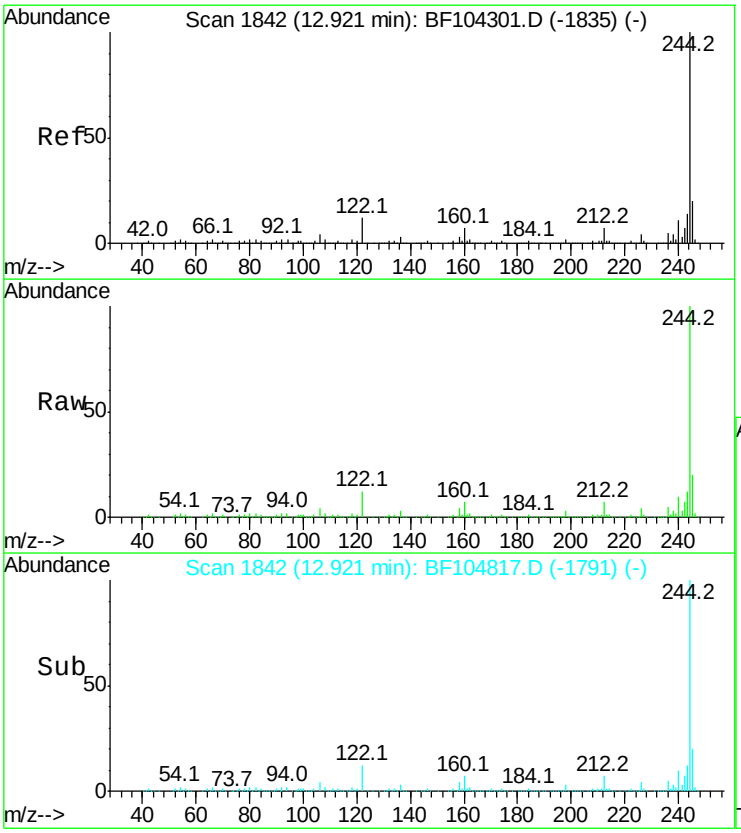
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104817.D
Acq: 26 Apr 2018 5:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 256118

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	27.5	20.7	31.1

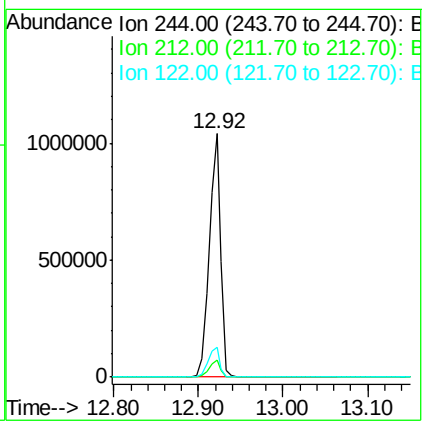


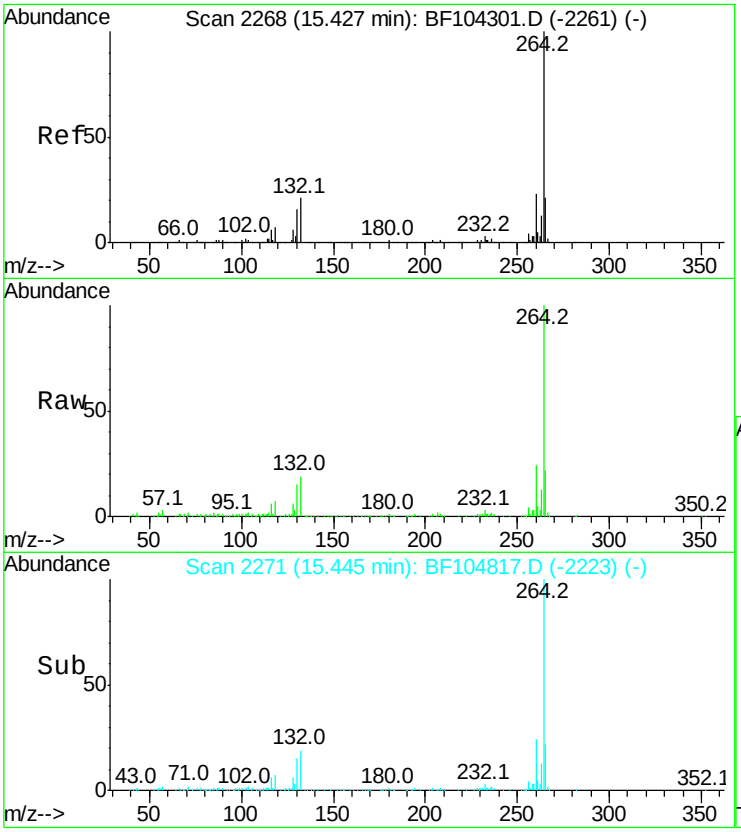


#78
Terphenyl-d14
Concen: 88.227 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104817.D
Acq: 26 Apr 2018 5:13

Tgt Ion:244 Resp: 991151

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF104817.D
Acq: 26 Apr 2018 5:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 191190

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	17.5	26.3