Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104740.D
Acq On : 24 Apr 2018 6:58
Operator : JU/SJ
Sample : J2503-08
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 24 08:34:11 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	111087	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	439735	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	179152	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	287647	20.00	ng	0.00
75) Chrysene-d12	13.98	240	204224	20.00	ng	0.00
86) Perylene-d12	15.45	264	150282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	762939	105.01	ng	0.02
7) Phenol-d6	6.45	99	805125	90.20	ng	0.00
23) Nitrobenzene-d5	7.37	82	611198	90.76	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	204136	109.85	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1117941	98.58	ng	0.00
78) Terphenyl-d14	12.92	244	933101	104.17	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	1246	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	80018	13.718	ng	# 72
25) Isophorone	7.37	82	611188	42.919	ng	# 64
31) Naphthalene	8.11	128	47369	2.163	ng	99
50) 2,6-Dinitrotoluene	9.85	165	22607	8.648	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	22607	6.593	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.64	198	135	7.429	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	12082	3.949	ng	# 1
76) Benzidine	12.92	184	11774	Below Cal	#	95

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

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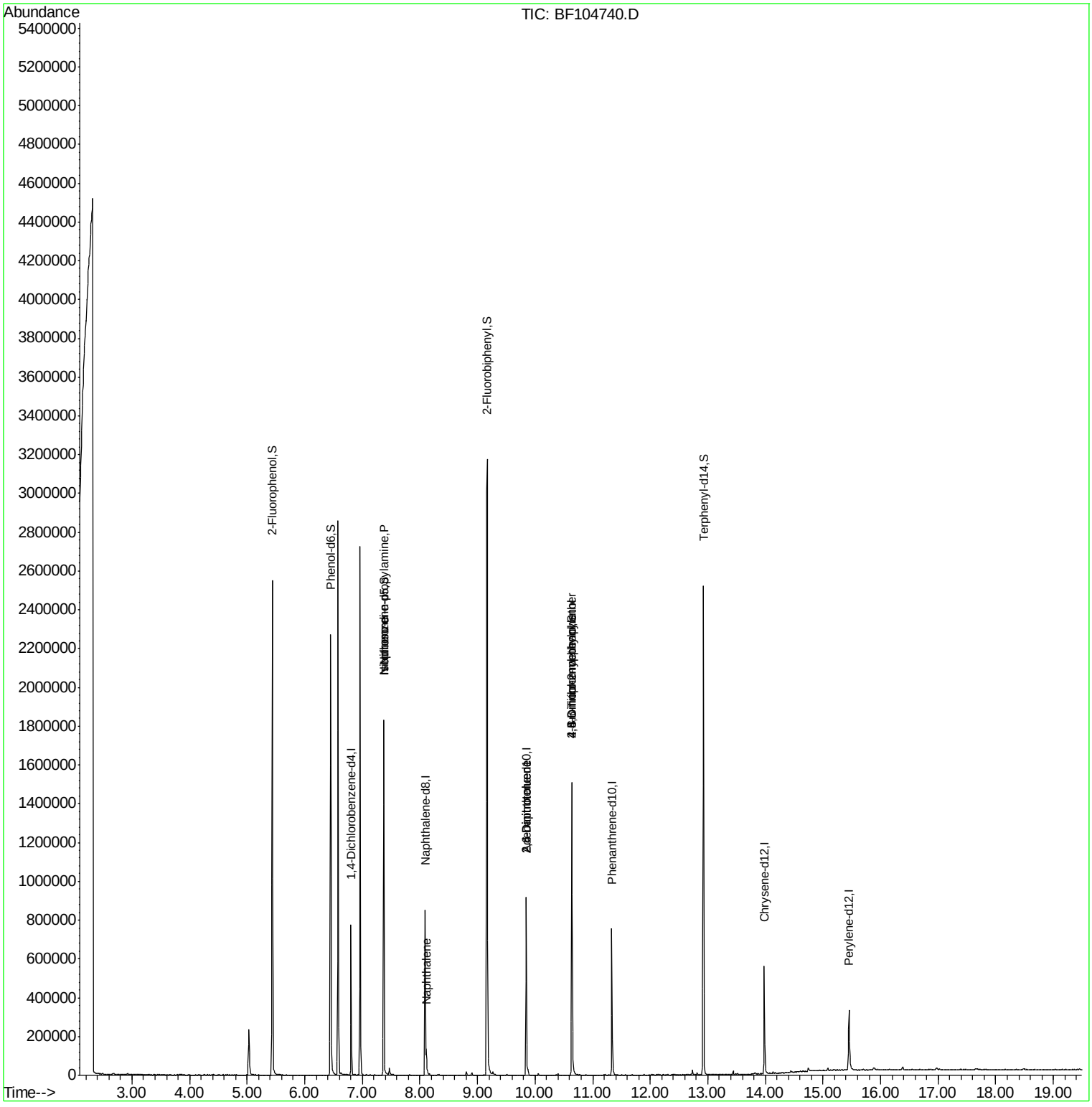
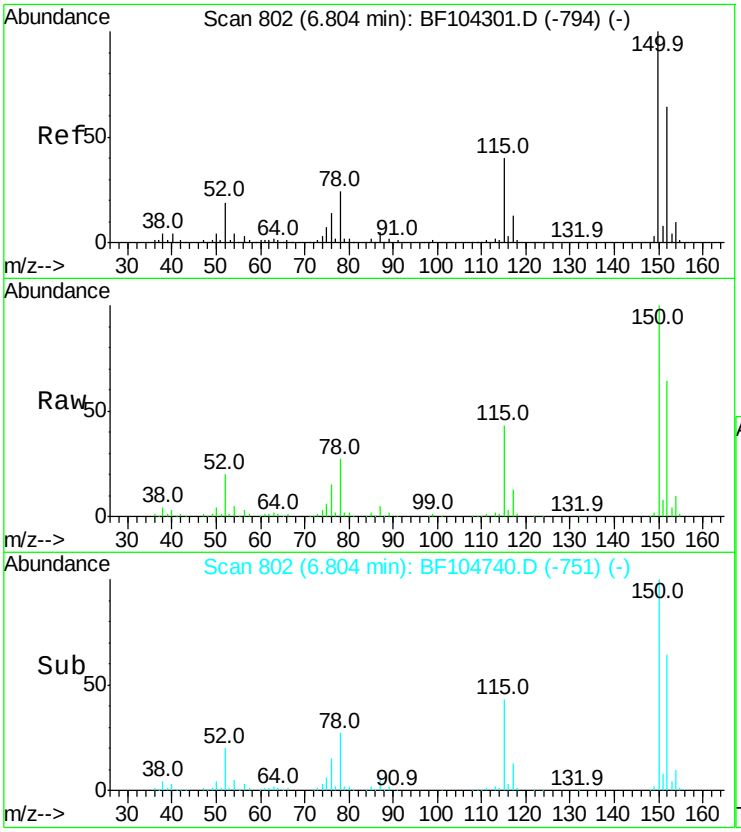


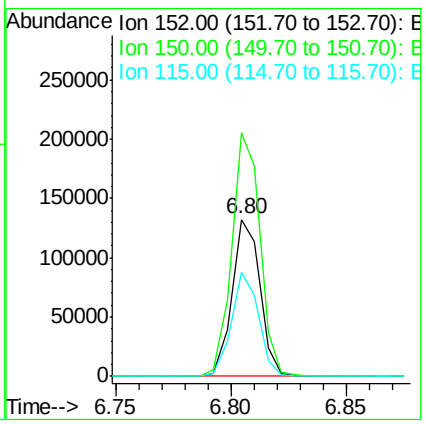


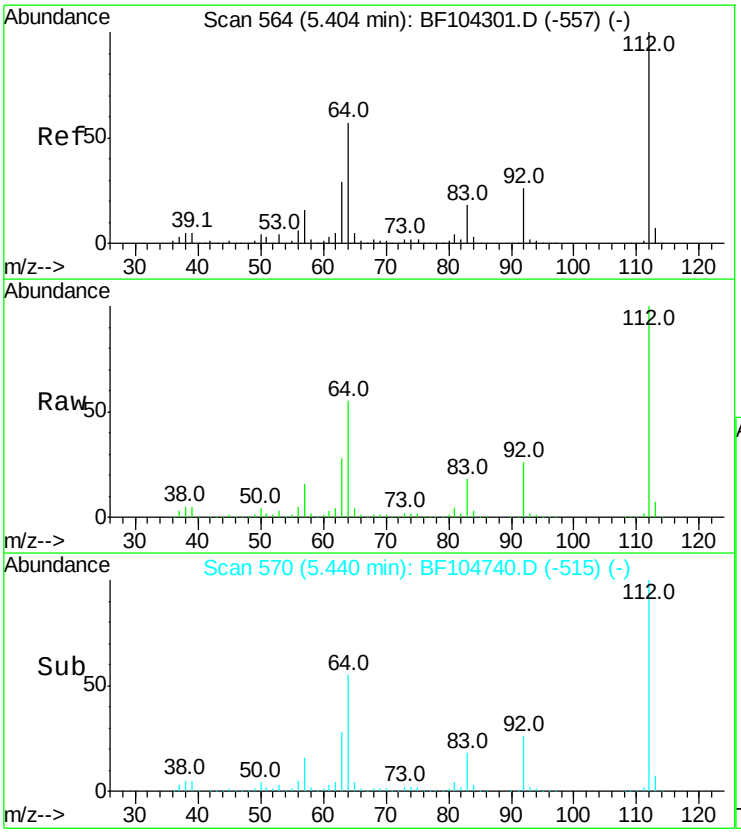
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104740.D
Acq: 24 Apr 2018 6:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 111087

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	66.6	50.1	75.1

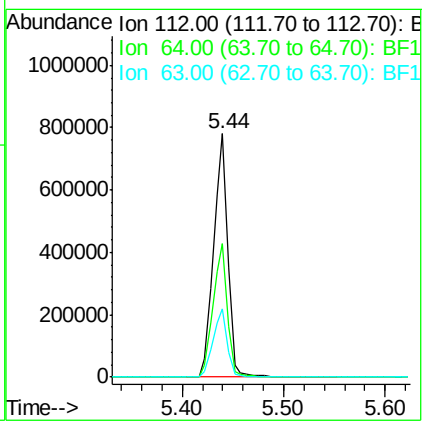


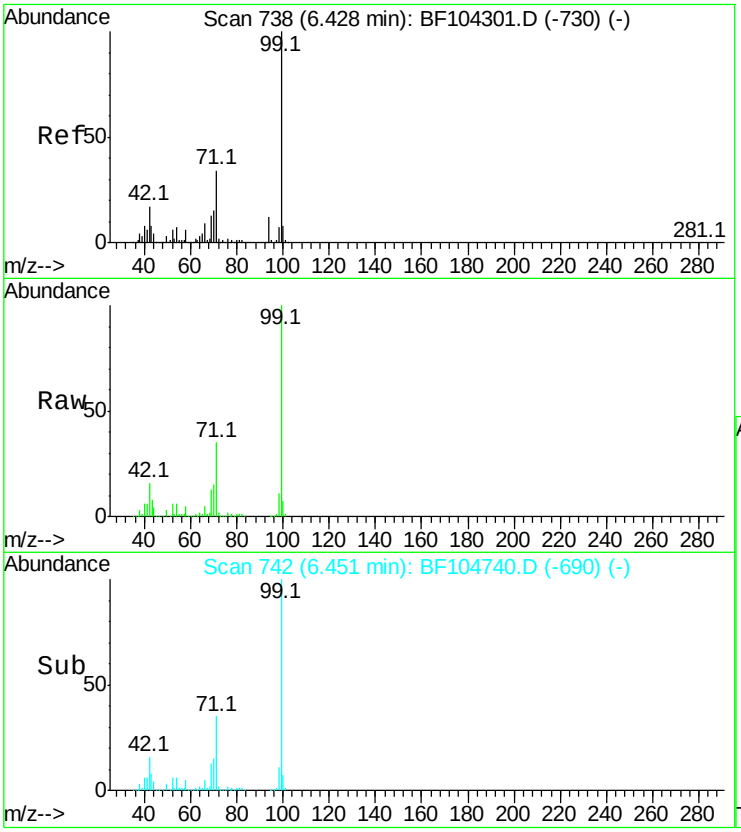


#5
2-Fluorophenol
Concen: 105.015 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF104740.D
Acq: 24 Apr 2018 6:58

Tgt Ion:112 Resp: 762939

Ion	Ratio	Lower	Upper
112	100		
64	54.7	47.9	71.9
63	27.9	23.7	35.5



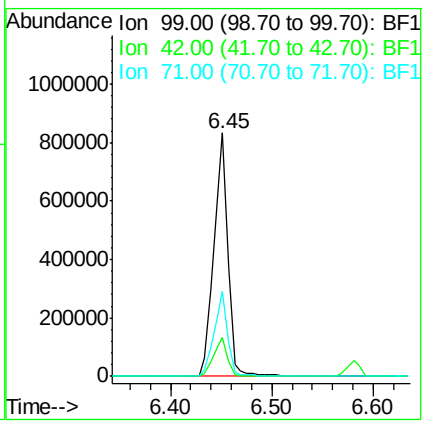


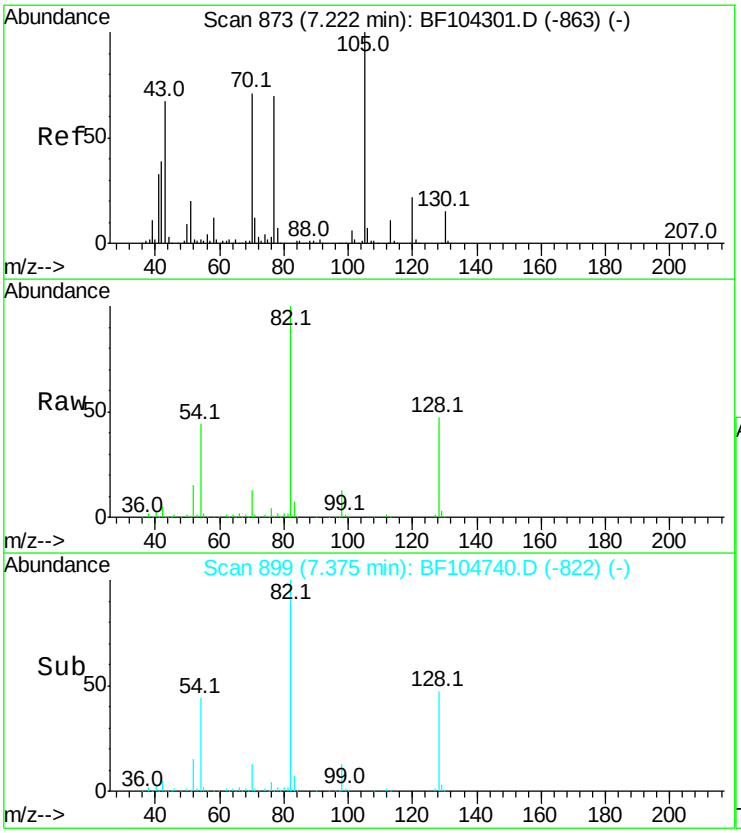
#7
Phenol-d6
Concen: 90.196 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF104740.D
Acq: 24 Apr 2018 6:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 805125

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	35.1	25.4	38.0

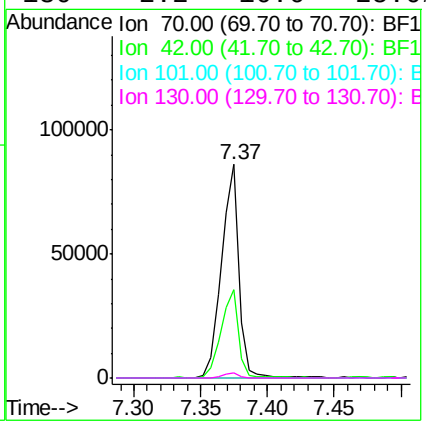


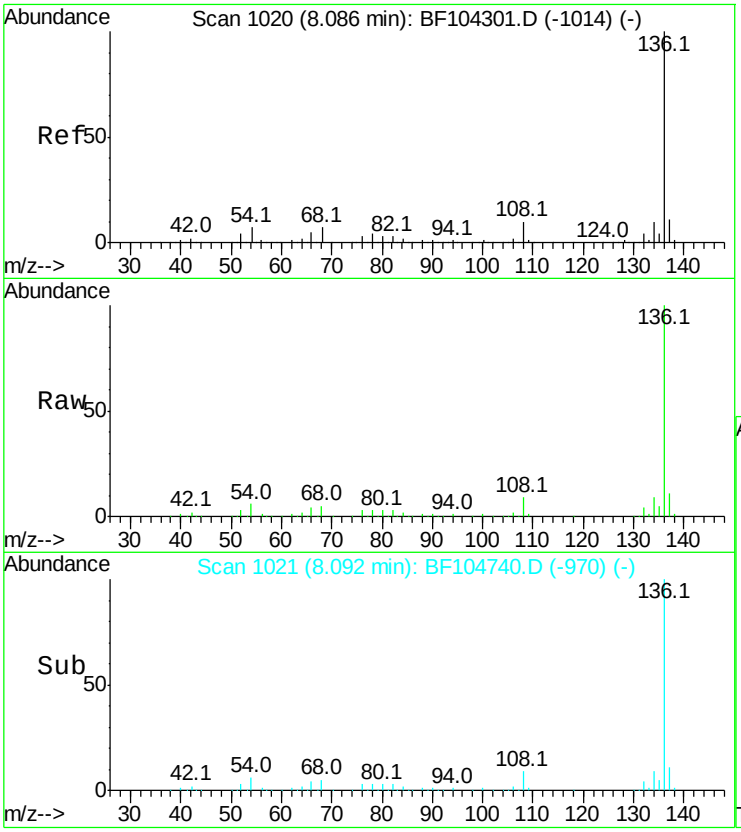


#19
n-Nitroso-di-n-propylamine
Concen: 13.718 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104740.D
Acq: 24 Apr 2018 6:58

Tgt Ion: 70 Resp: 80018

Ion	Ratio	Lower	Upper
70	100		
42	41.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



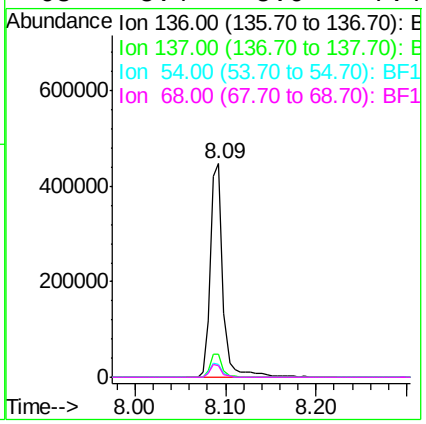


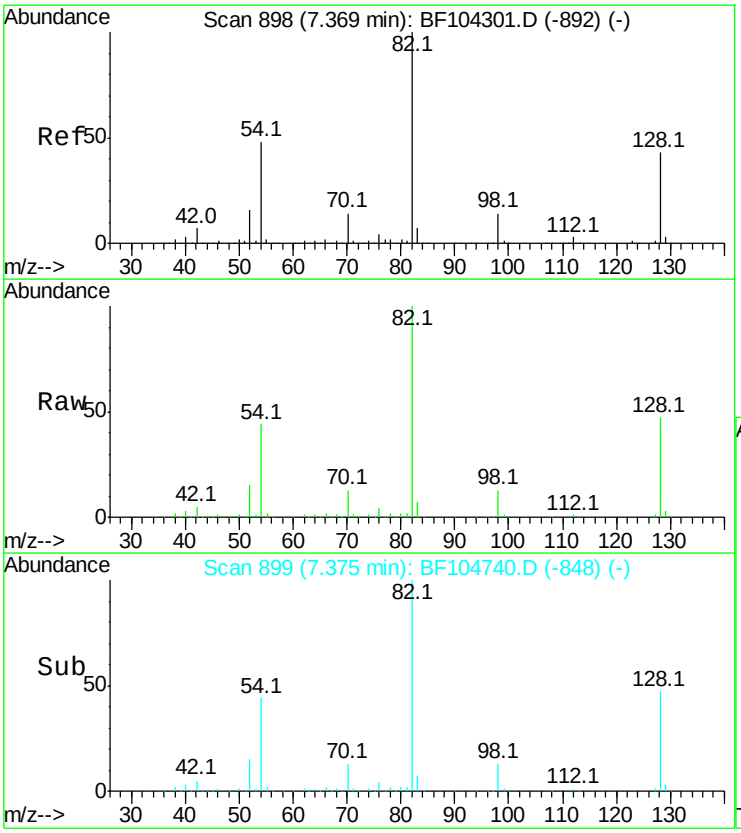
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104740.D
Acq: 24 Apr 2018 6:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 439735

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.2	6.6	9.8#
68	5.4	5.0	7.4

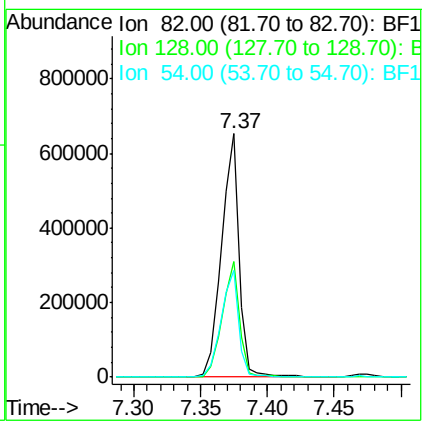


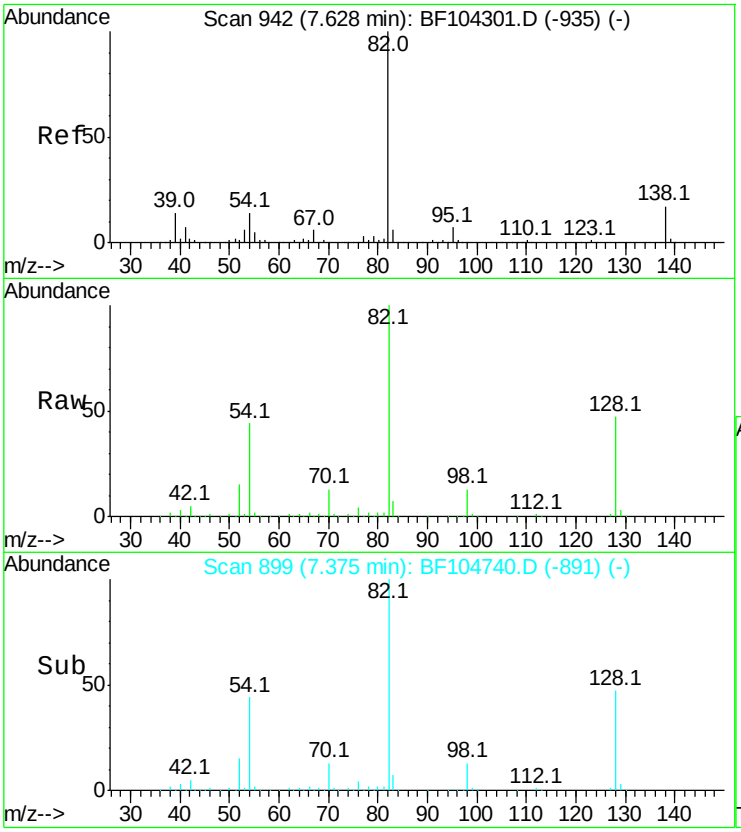


#23
Nitrobenzene-d5
Concen: 90.759 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104740.D
Acq: 24 Apr 2018 6:58

Tgt Ion: 82 Resp: 611198

Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	44.0	41.4	62.2



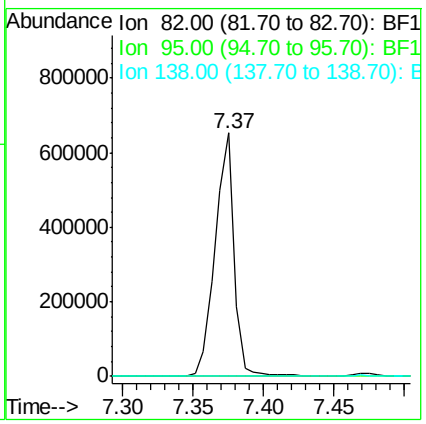


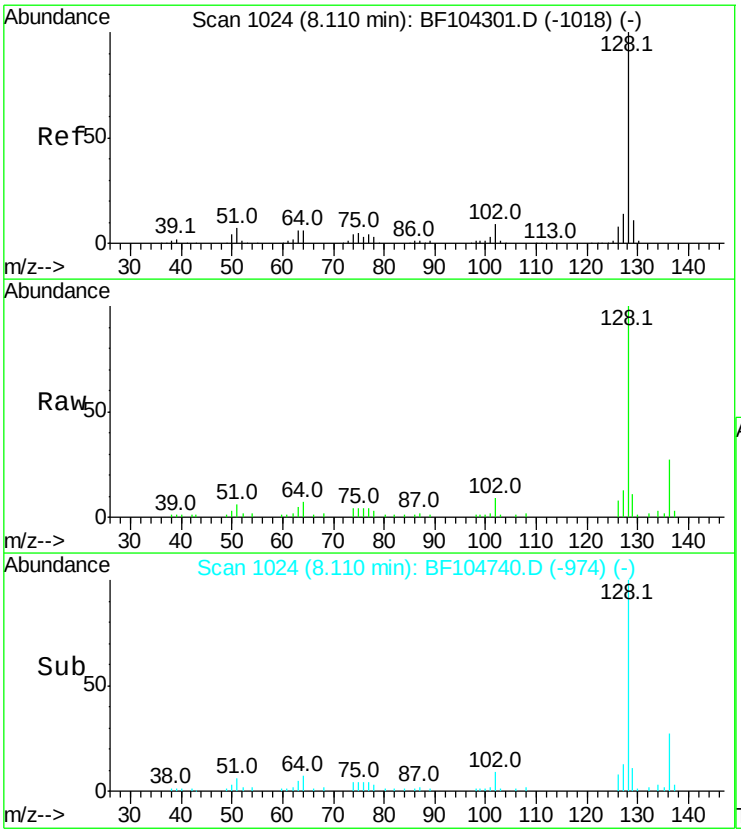
#25
Isophorone
Concen: 42.919 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.25 min
Lab File: BF104740.D
Acq: 24 Apr 2018 6:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 611188

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

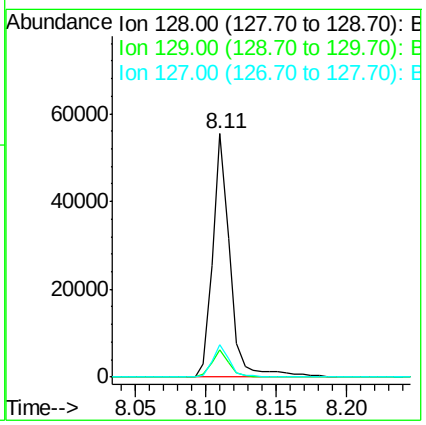


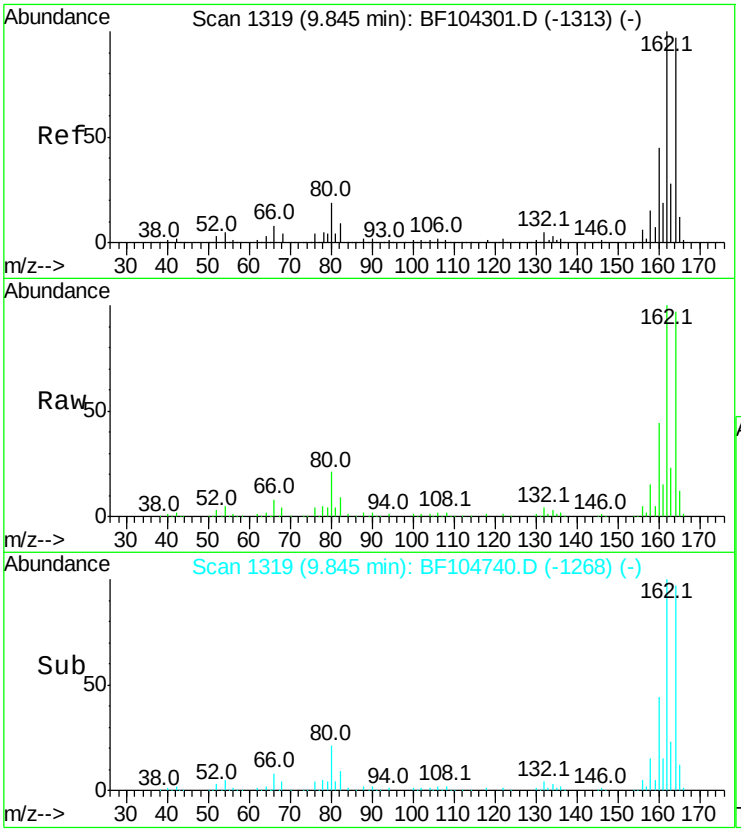


#31
Naphthalene
Concen: 2.163 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF104740.D
Acq: 24 Apr 2018 6:58

Tgt Ion:128 Resp: 47369

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.1	10.9	16.3



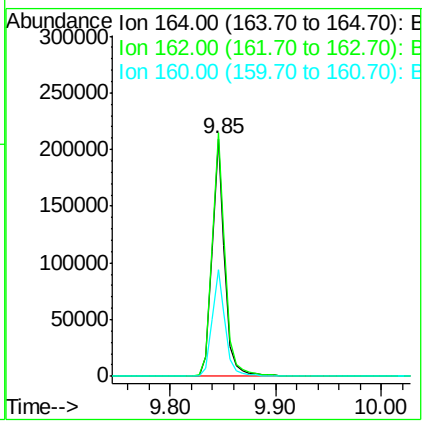


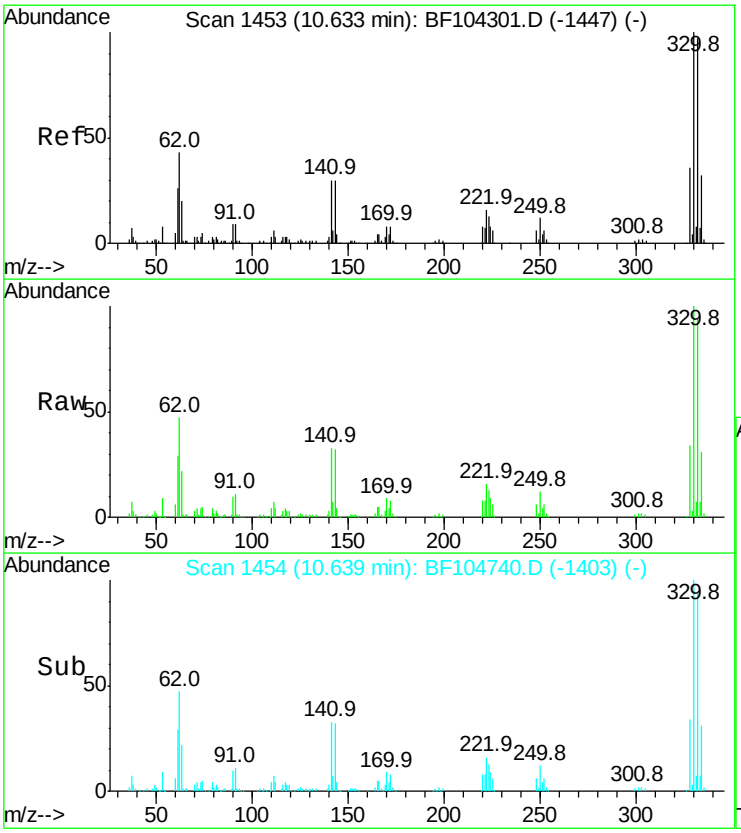
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF104740.D
Acq: 24 Apr 2018 6:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 179152

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	45.2	38.3	57.5

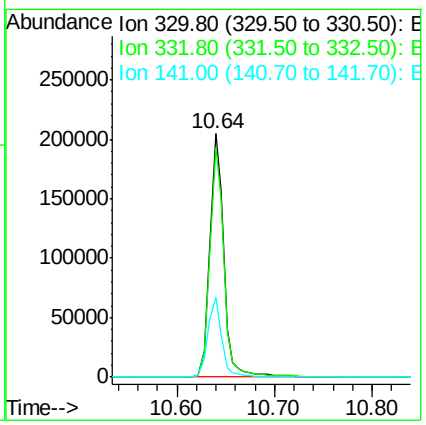


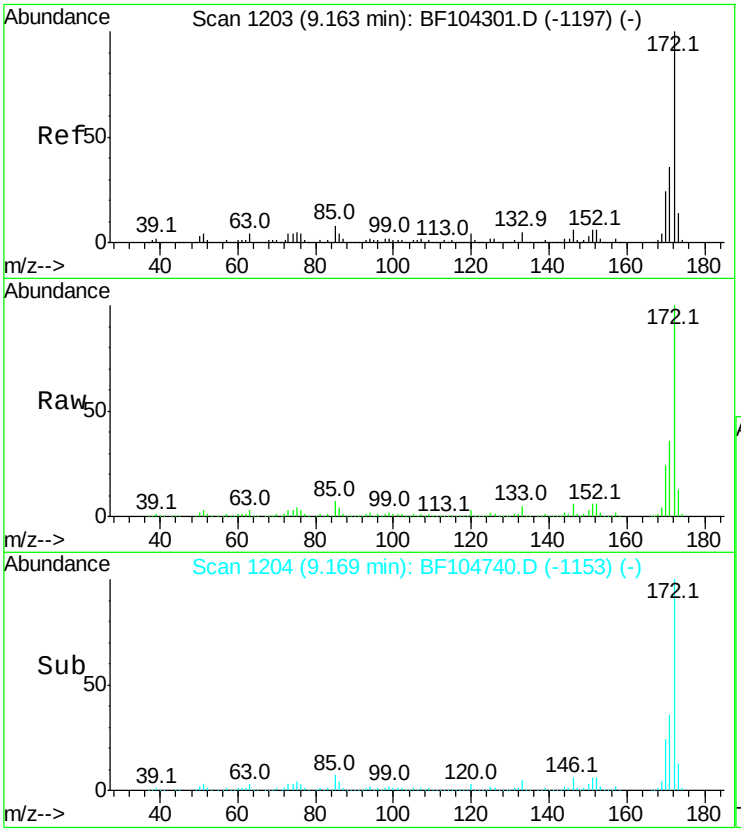


#41
2,4,6-Tribromophenol
Concen: 109.845 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF104740.D
Acq: 24 Apr 2018 6:58

Tgt Ion:330 Resp: 204136

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	32.5	29.9	44.9



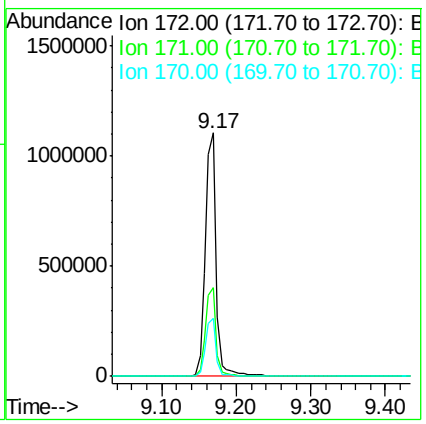


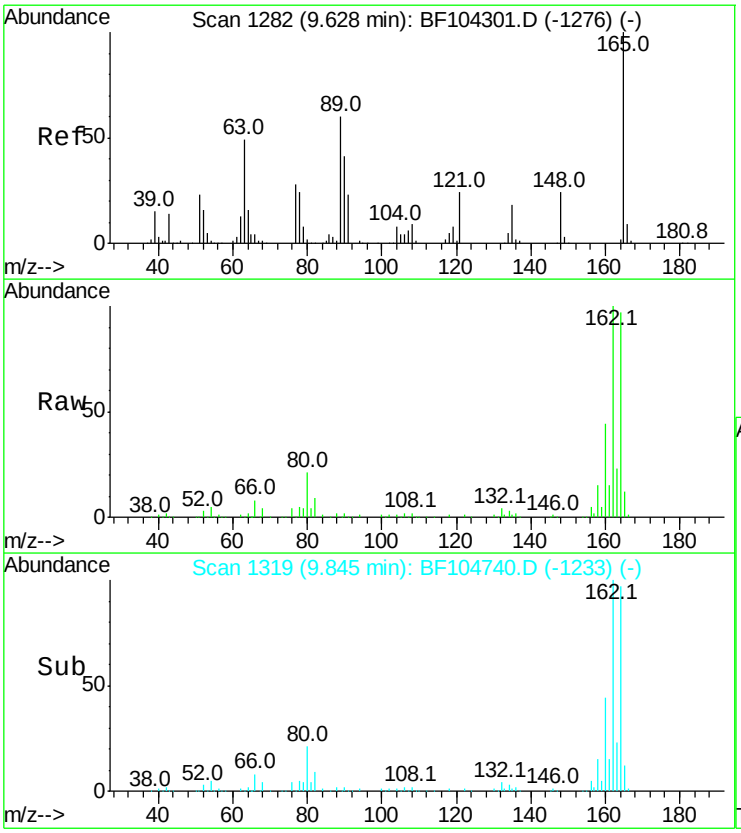
#44
2-Fluorobiphenyl
Concen: 98.579 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF104740.D
Acq: 24 Apr 2018 6:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1117941

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.8	19.6	29.4

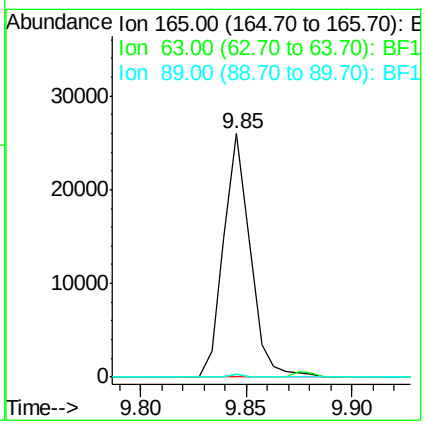


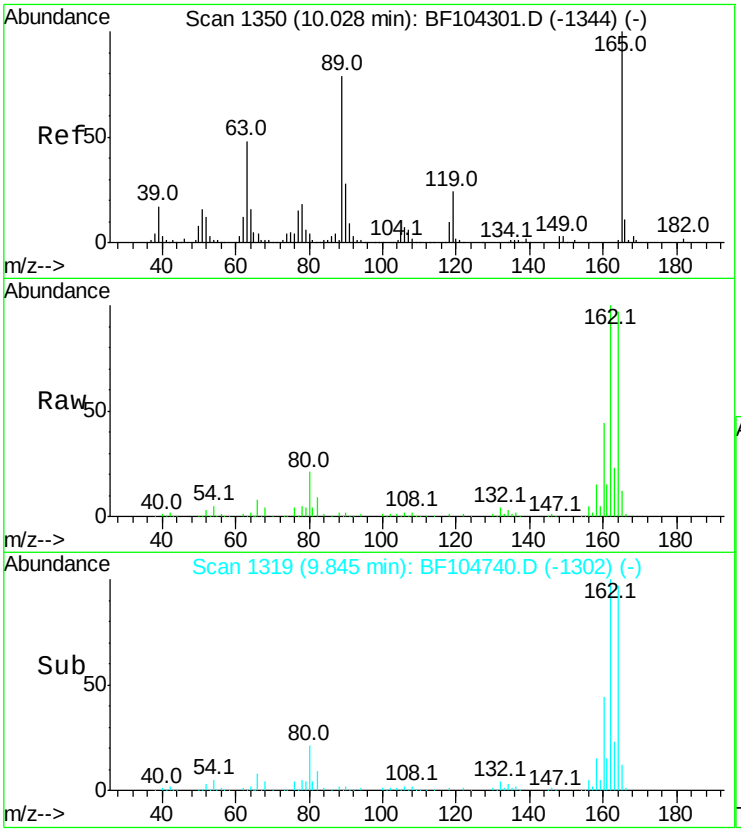


#50
2,6-Dinitrotoluene
Concen: 8.648 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF104740.D
Acq: 24 Apr 2018 6:58

Tgt Ion:165 Resp: 22607

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.4	44.0	66.0#



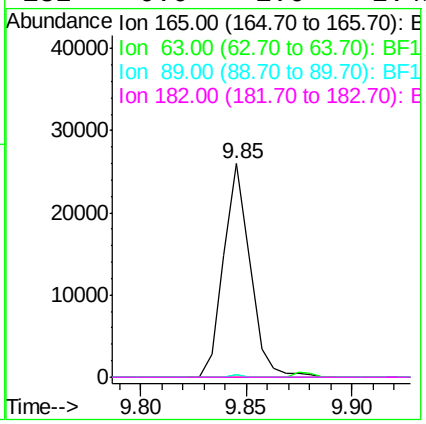


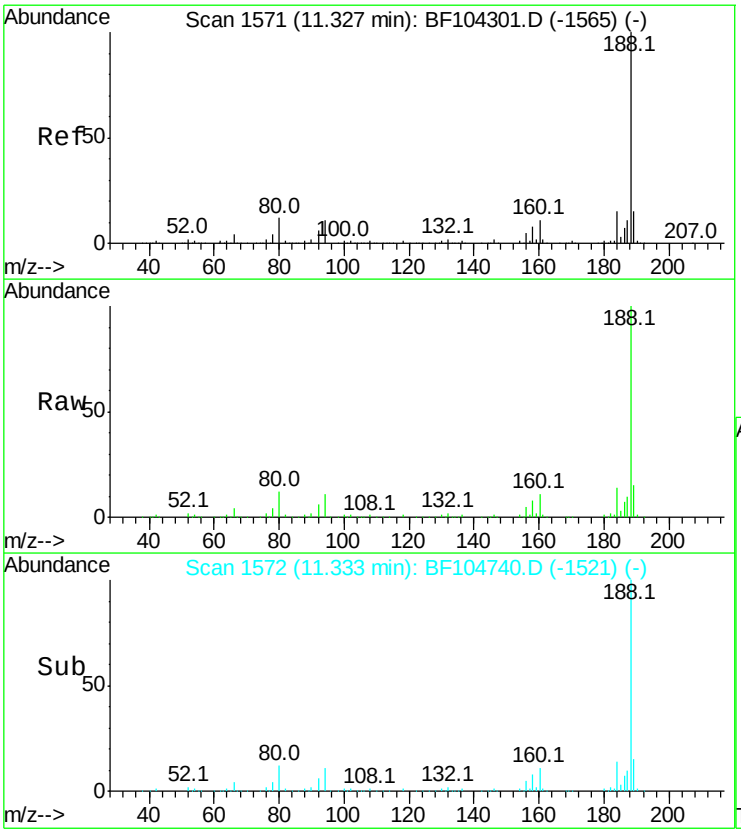
#56
2,4-Dinitrotoluene
Concen: 6.593 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF104740.D
Acq: 24 Apr 2018 6:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22607

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

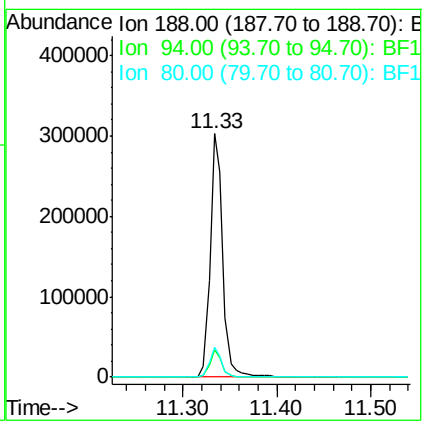


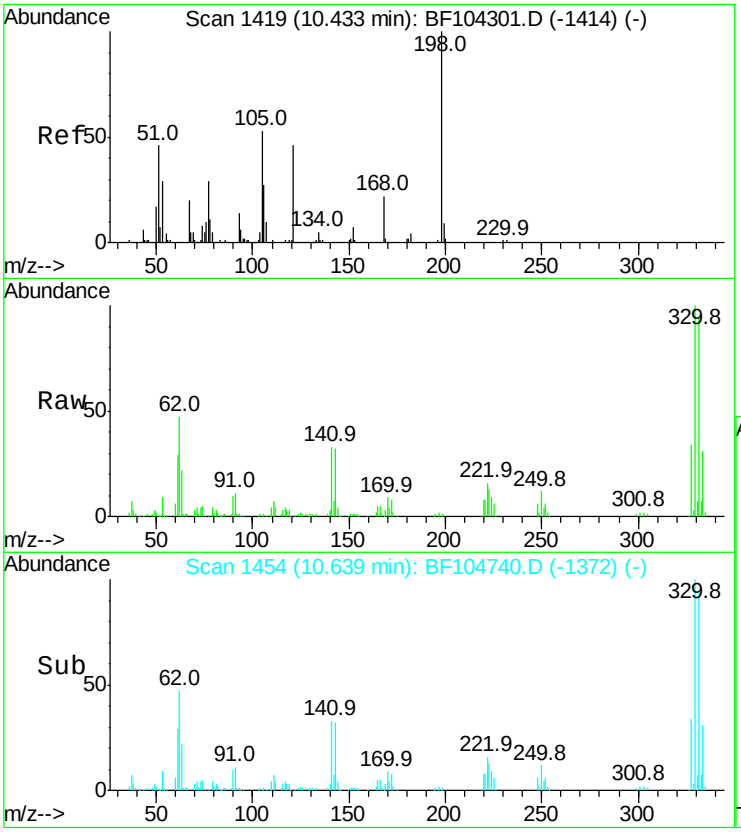


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104740.D
Acq: 24 Apr 2018 6:58

Tgt Ion:188 Resp: 287647

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.4	9.2	13.8



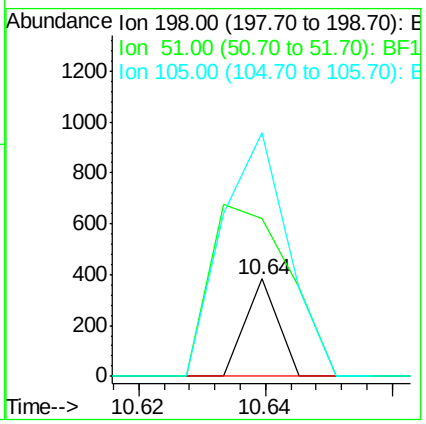


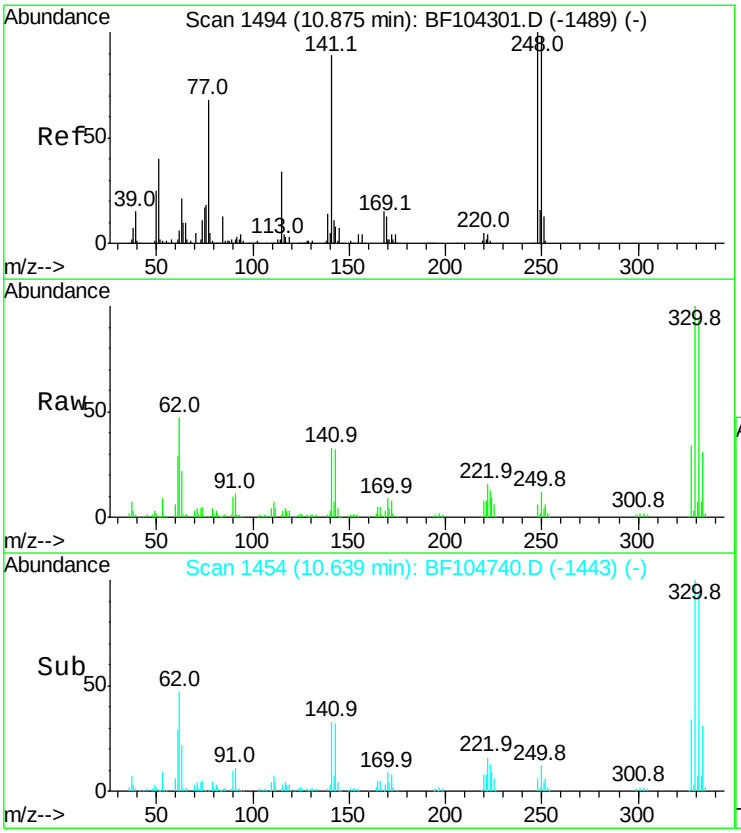
#64
4,6-Dinitro-2-methylphenol
Concen: 7.429 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF104740.D
Acq: 24 Apr 2018 6:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 135

Ion	Ratio	Lower	Upper
198	100		
51	162.0	37.7	77.7#
105	250.8	36.3	76.3#

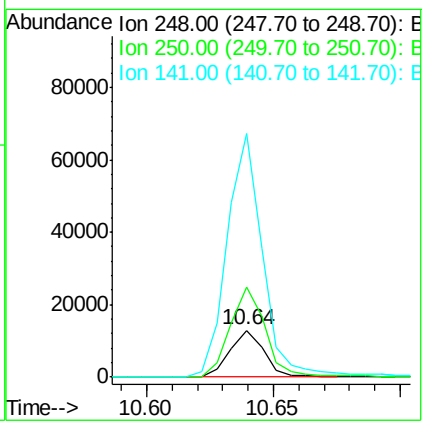


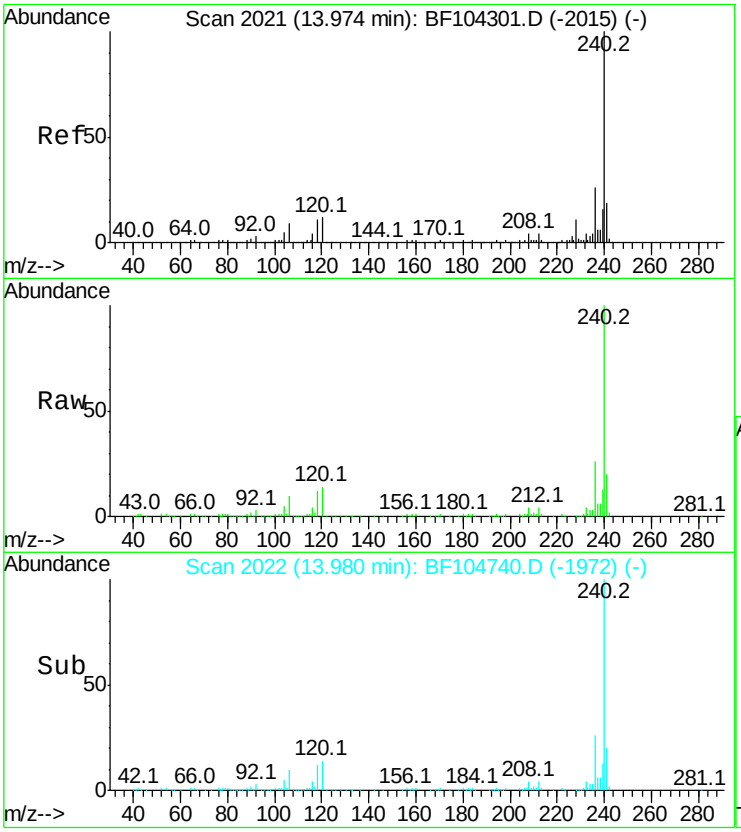


#66
4-Bromophenyl-phenylether
Concen: 3.949 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF104740.D
Acq: 24 Apr 2018 6:58

Tgt Ion:248 Resp: 12082

Ion	Ratio	Lower	Upper
248	100		
250	190.4	76.9	115.3#
141	518.2	74.4	111.6#



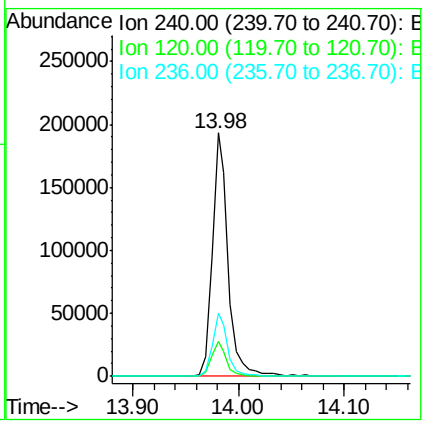


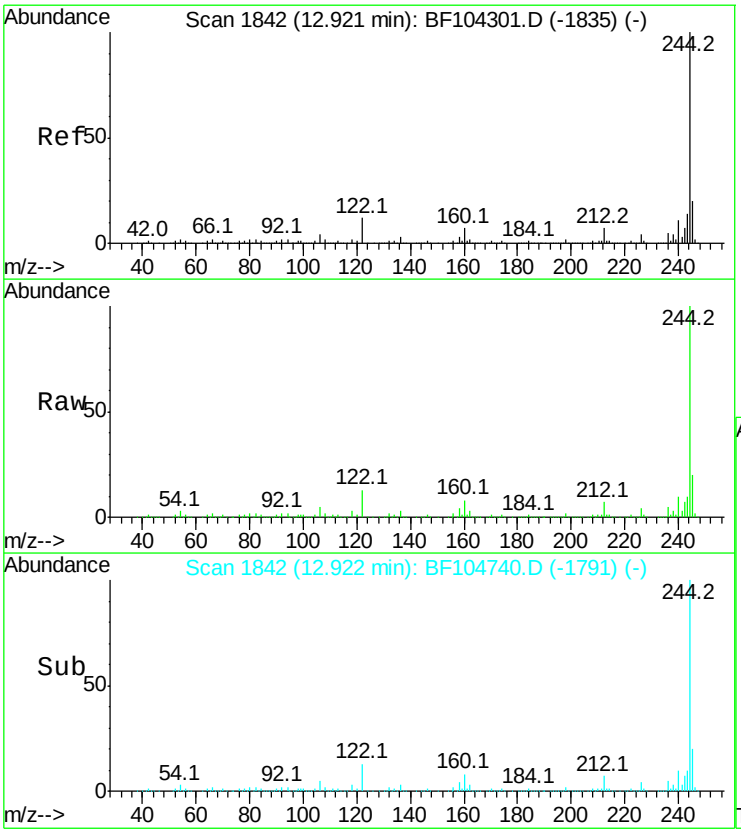
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104740.D
Acq: 24 Apr 2018 6:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 204224

Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.5	14.3#
236	26.0	20.7	31.1

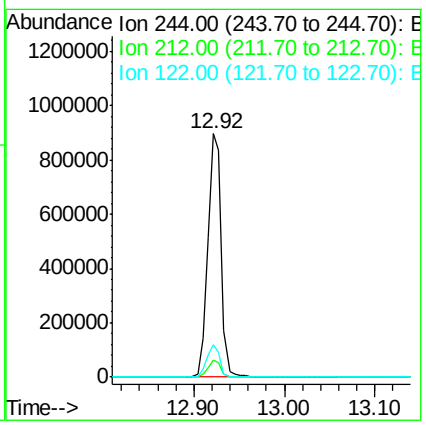


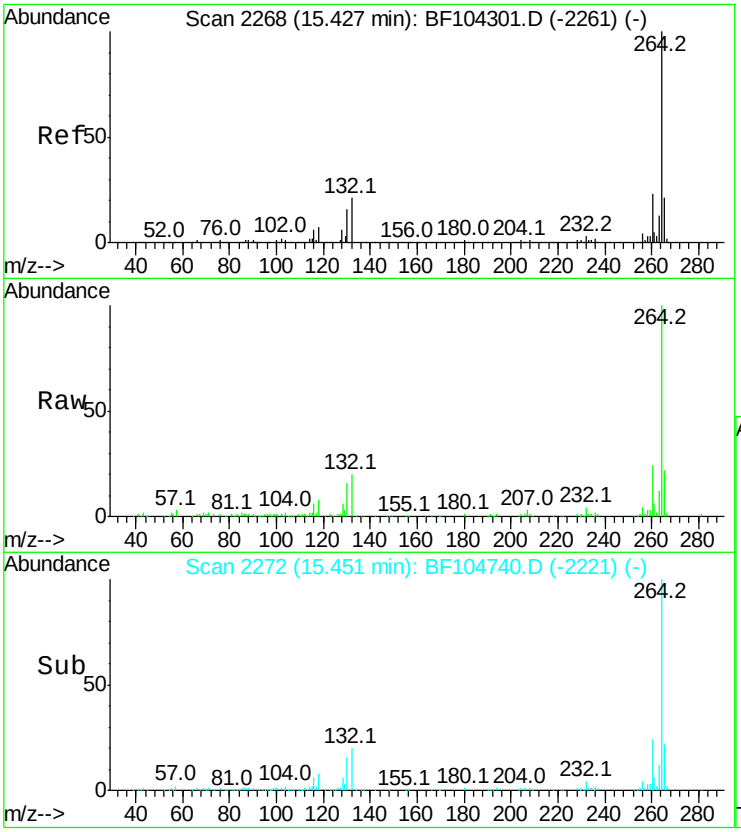


#78
Terphenyl-d14
Concen: 104.166 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104740.D
Acq: 24 Apr 2018 6:58

Tgt Ion:244 Resp: 933101

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BF104740.D
Acq: 24 Apr 2018 6:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 150282

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	17.5	26.3