Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104727.D
Acq On : 24 Apr 2018 00:42
Operator : JU/SJ
Sample : J2492-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 24 05:23:54 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	107167	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	417725	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	165526	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	279909	20.00	ng	0.00
75) Chrysene-d12	13.99	240	177402	20.00	ng	0.00
86) Perylene-d12	15.46	264	134007	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	351974	50.22	ng	0.01
7) Phenol-d6	6.45	99	270720	31.44	ng	0.00
23) Nitrobenzene-d5	7.37	82	660547	103.26	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	154074	89.73	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1154499	110.18	ng	0.00
78) Terphenyl-d14	12.93	244	1042769	134.01	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	86262	15.329	ng	# 72
25) Isophorone	7.37	82	660542	48.829	ng	# 64
49) Dimethylphthalate	9.56	163	26262	2.012	ng	96
50) 2,6-Dinitrotoluene	9.84	165	20556	8.511	ng	# 25
56) 2,4-Dinitrotoluene	9.84	165	20556	6.488	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.64	198	143	7.436	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	9236	3.102	ng	# 1
76) Benzidine	12.93	184	13635	Below Cal		# 97

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

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Acq On : 24 Apr 2018 00:42
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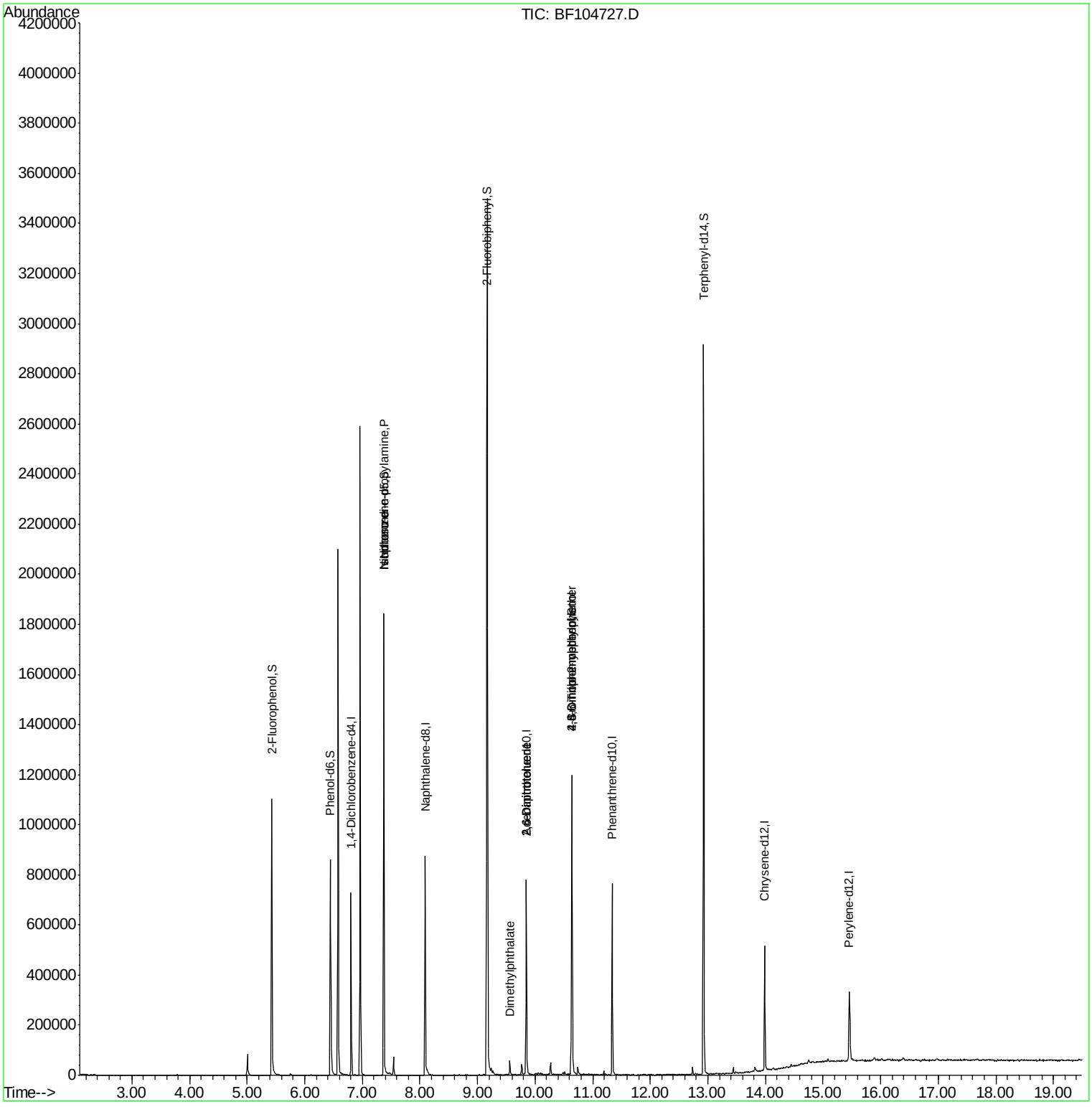
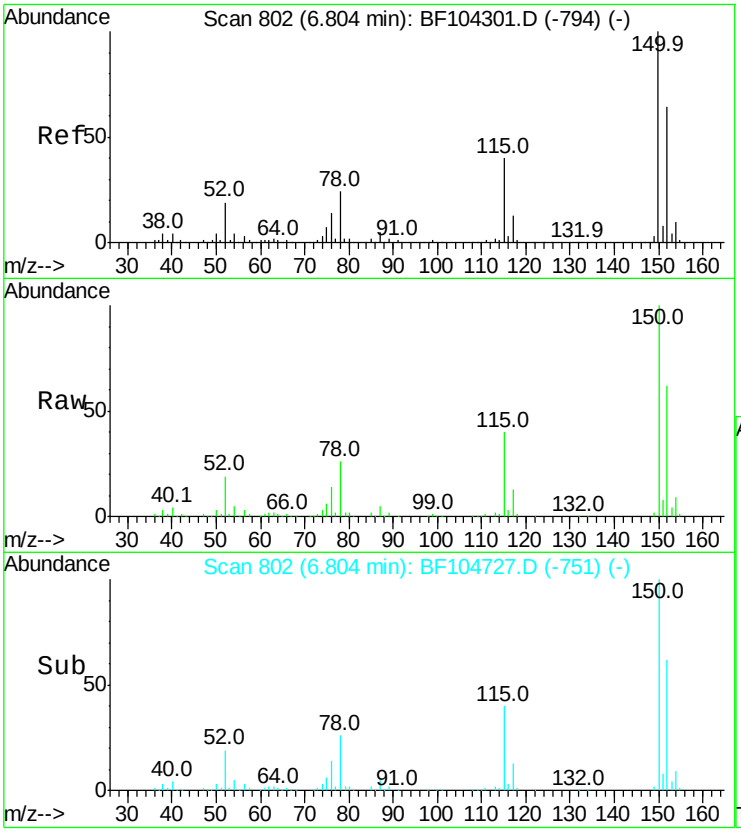


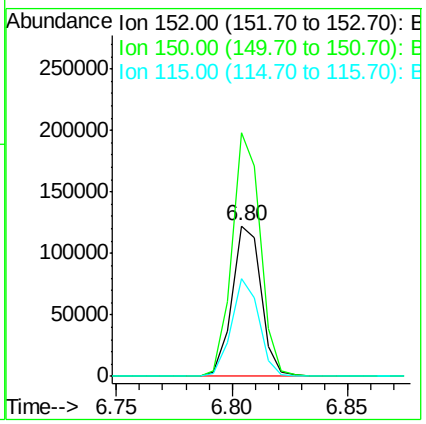


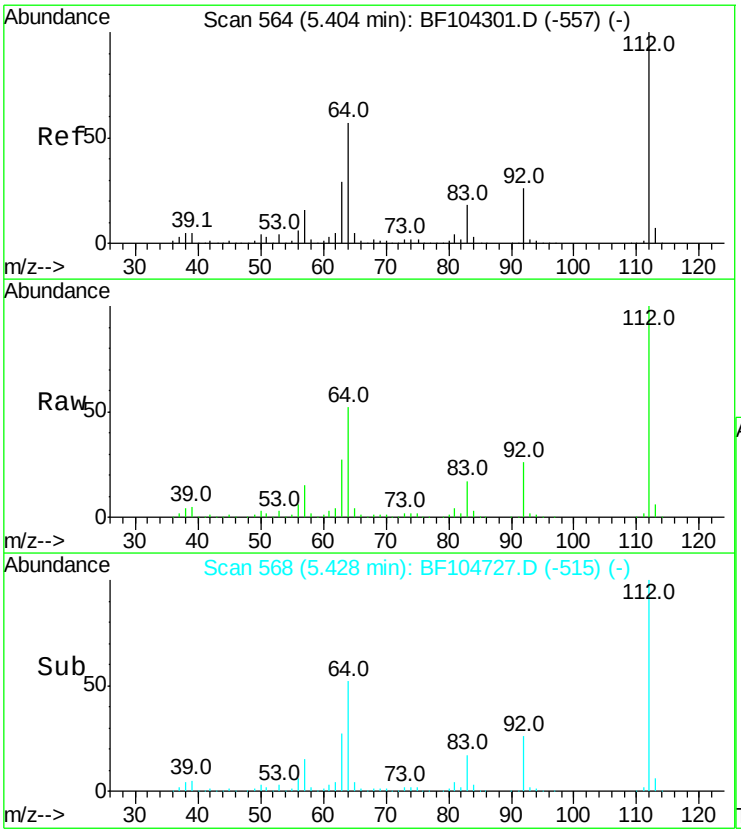
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 107167

Ion	Ratio	Lower	Upper
152	100		
150	161.6	124.6	186.8
115	65.0	50.1	75.1

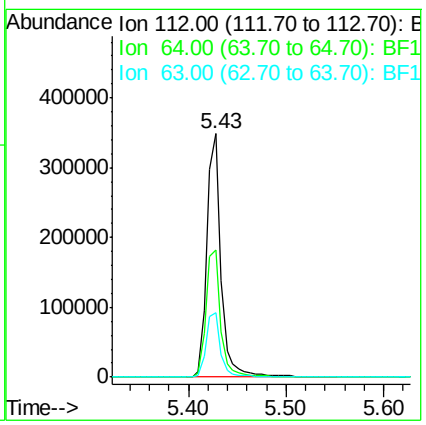


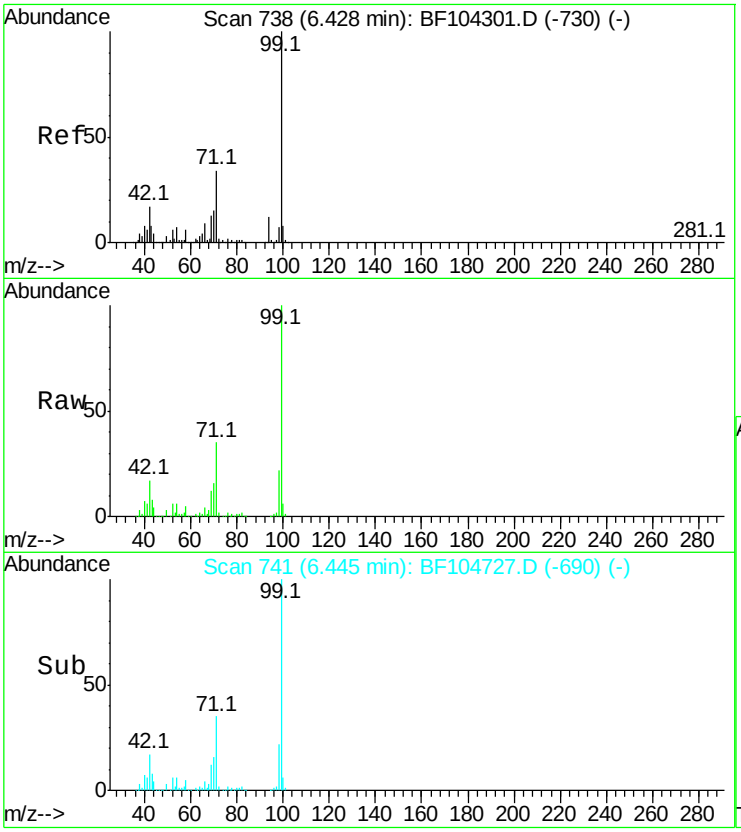


#5
2-Fluorophenol
Concen: 50.220 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Tgt Ion:112 Resp: 351974

Ion	Ratio	Lower	Upper
112	100		
64	52.1	47.9	71.9
63	26.6	23.7	35.5



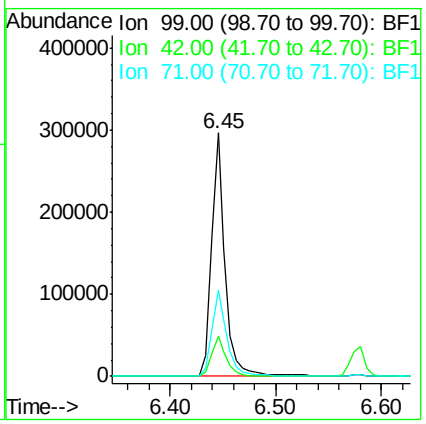


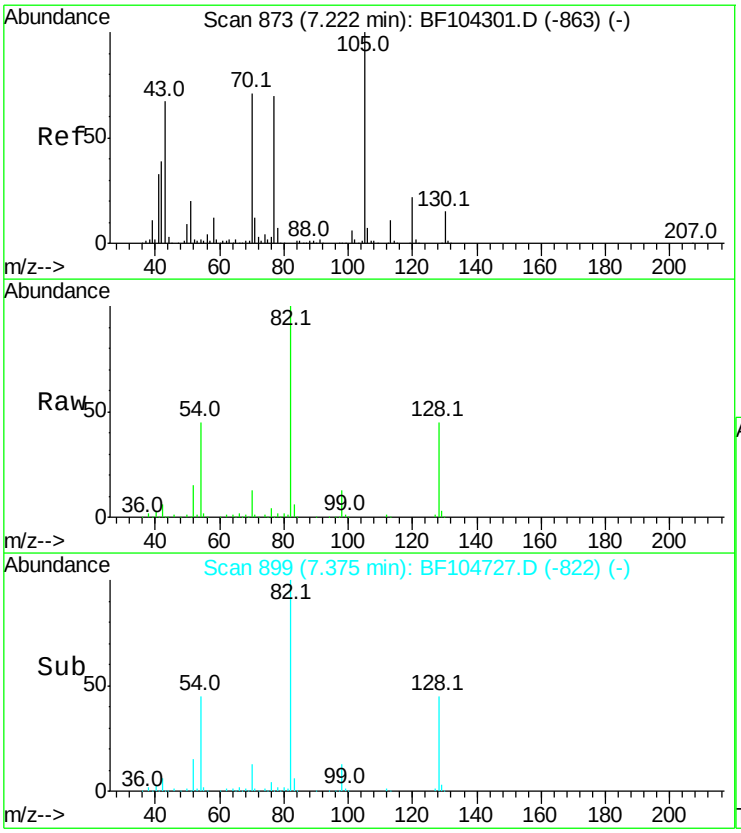
#7
Phenol-d6
Concen: 31.437 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 270720

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.5	21.7
71	35.4	25.4	38.0

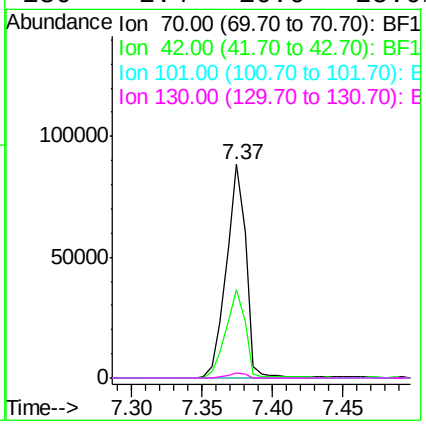


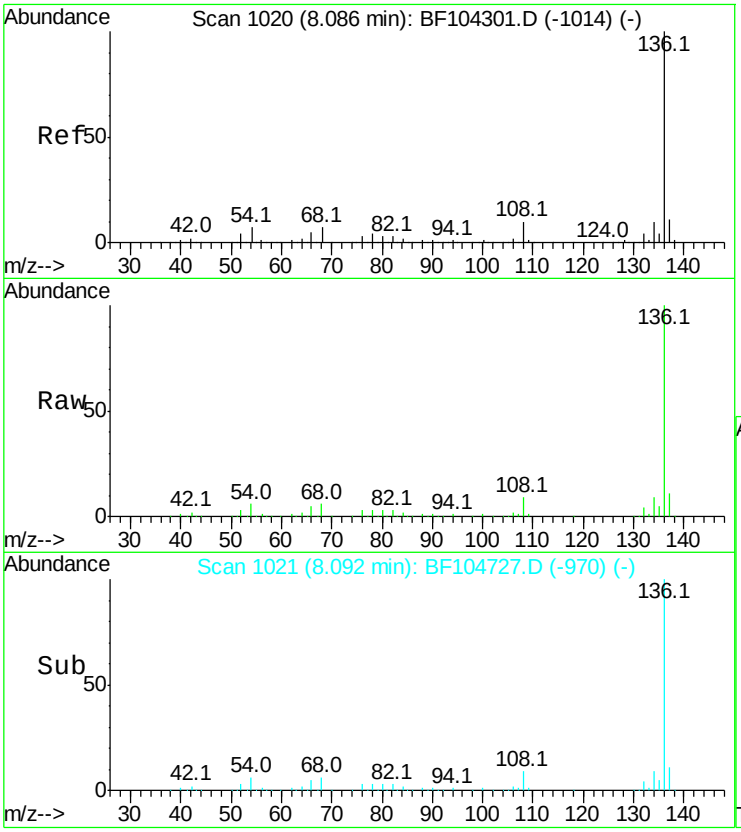


#19
n-Nitroso-di-n-propylamine
Concen: 15.329 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Tgt Ion: 70 Resp: 86262

Ion	Ratio	Lower	Upper
70	100		
42	41.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



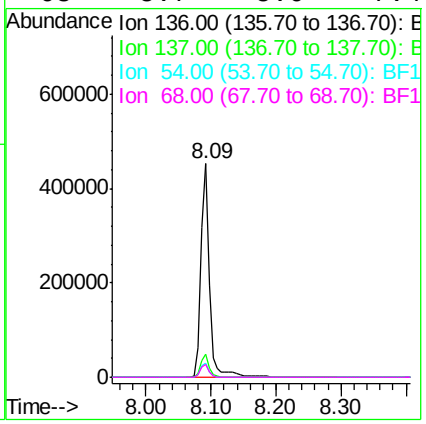


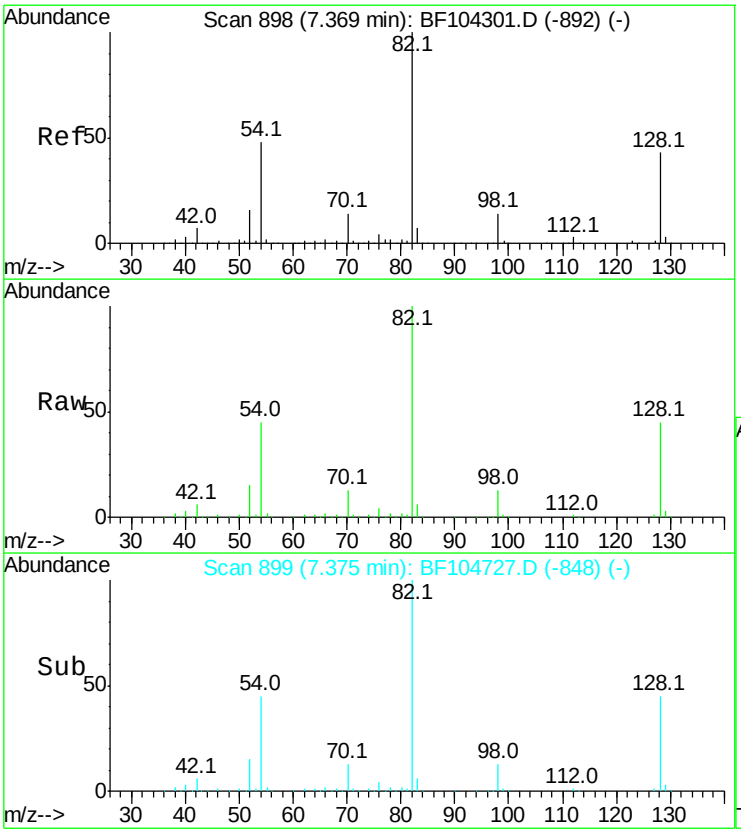
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 417725

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.4	6.6	9.8#
68	5.7	5.0	7.4

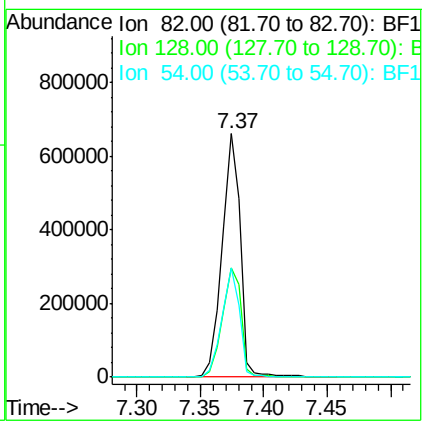


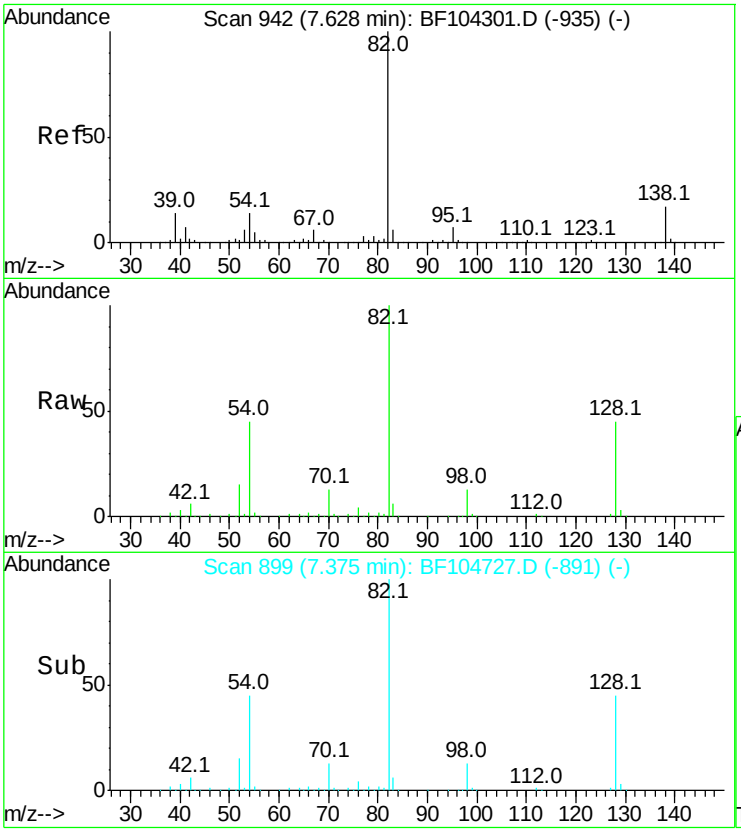


#23
Nitrobenzene-d5
Concen: 103.256 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Tgt Ion: 82 Resp: 660547

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	44.7	41.4	62.2



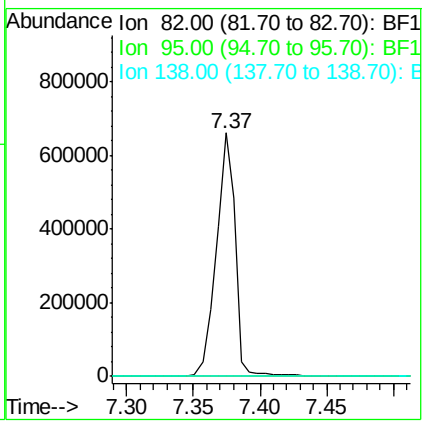


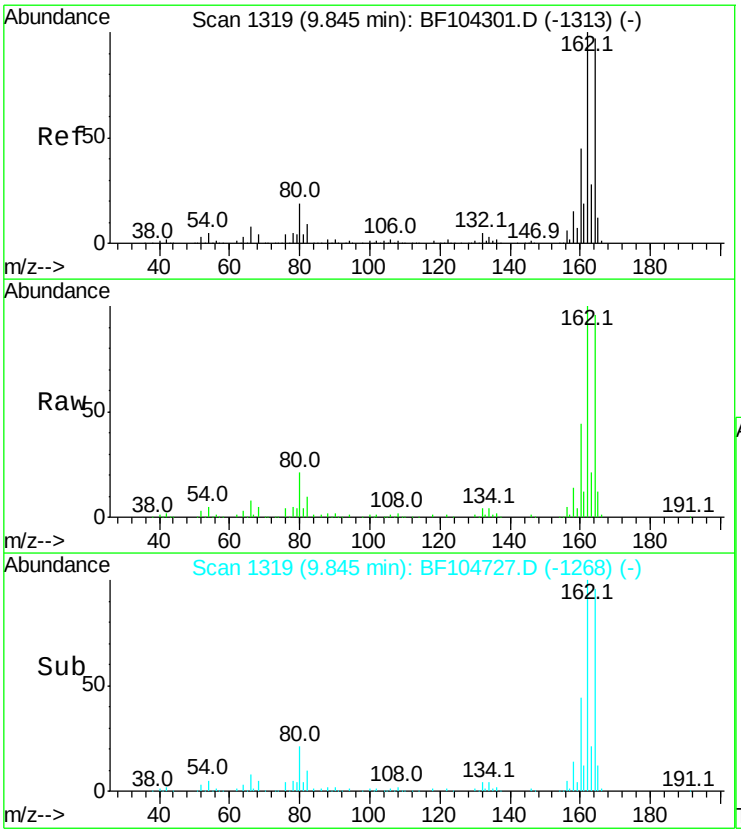
#25
Isophorone
Concen: 48.829 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.25 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 660542

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

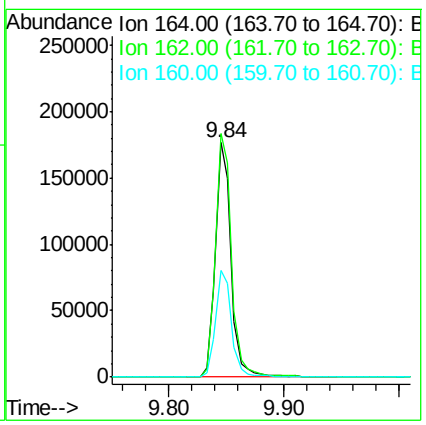


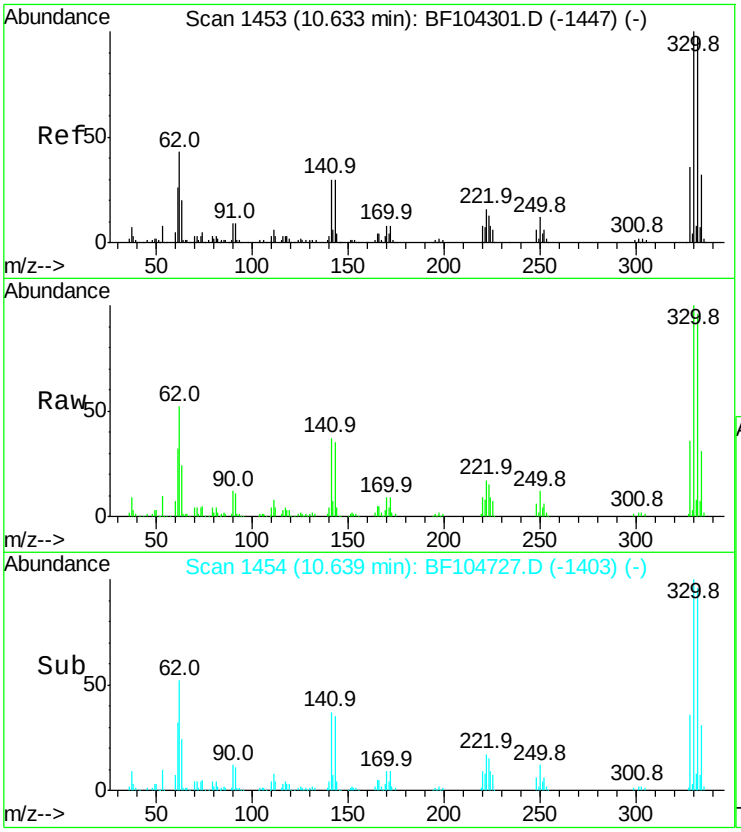


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Tgt Ion:164 Resp: 165526

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	45.7	38.3	57.5



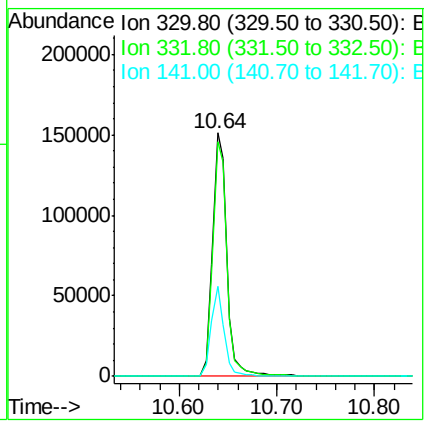


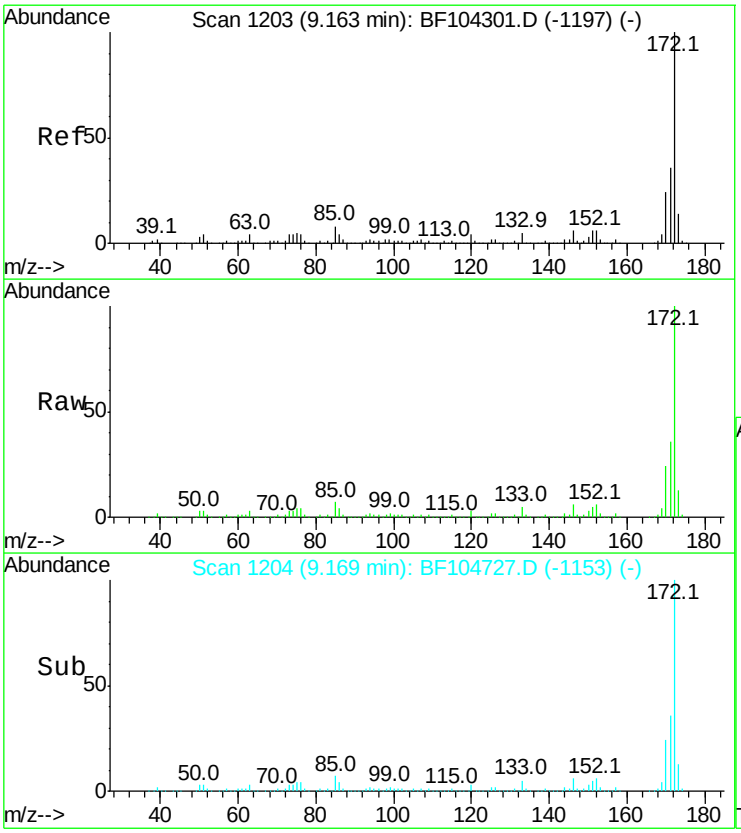
#41
2,4,6-Tribromophenol
Concen: 89.732 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 154074

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	33.6	29.9	44.9

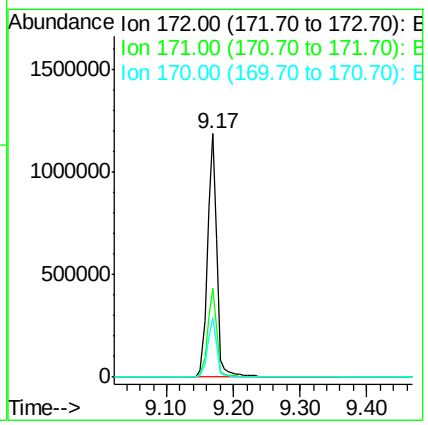


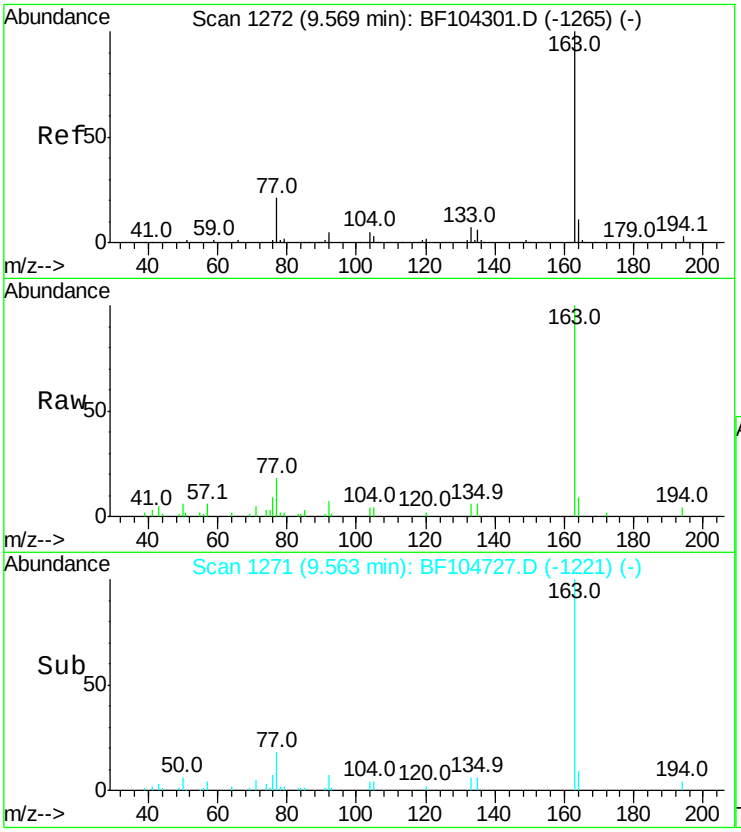


#44
2-Fluorobiphenyl
Concen: 110.183 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Tgt Ion:172 Resp: 1154499

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4



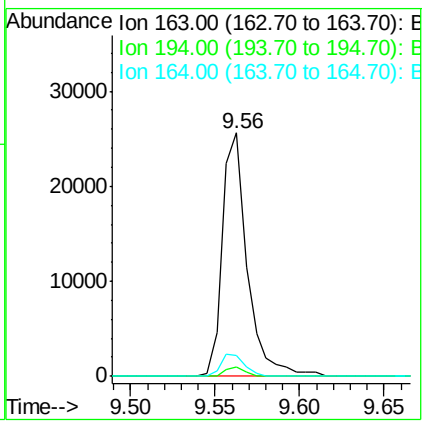


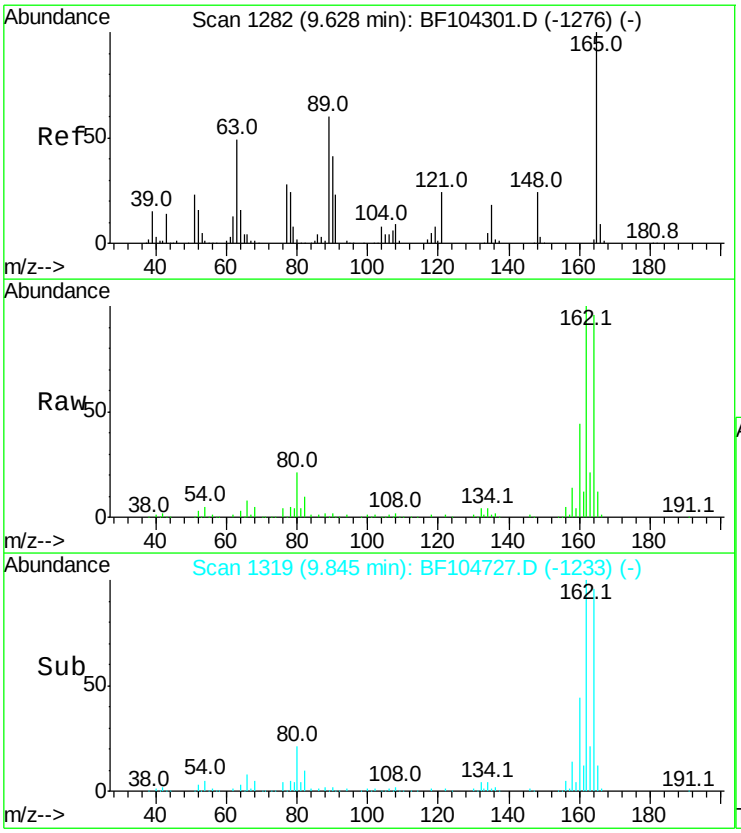
#49
Dimethylphthalate
Concen: 2.012 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 26262

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	8.5	8.2	12.2

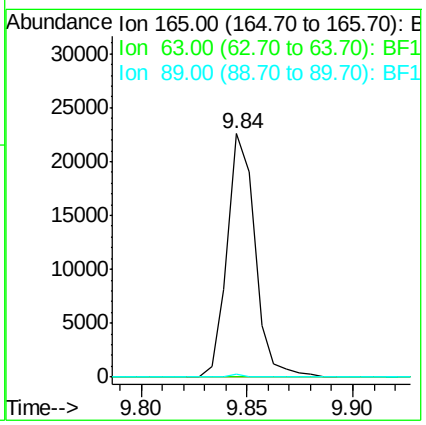


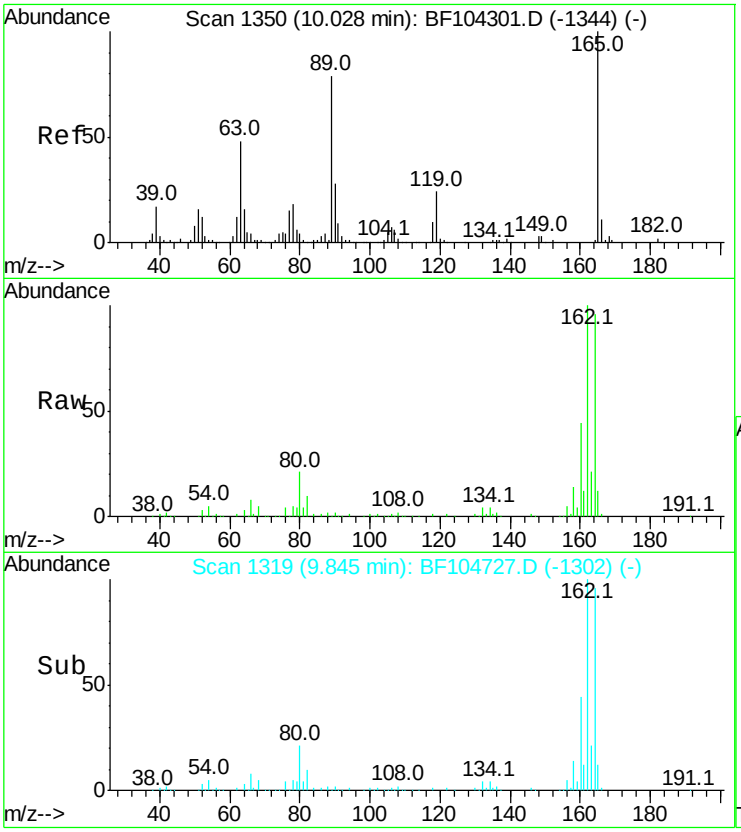


#50
2,6-Dinitrotoluene
Concen: 8.511 ng
RT: 9.84 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Tgt Ion:165 Resp: 20556

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.4	44.0	66.0#



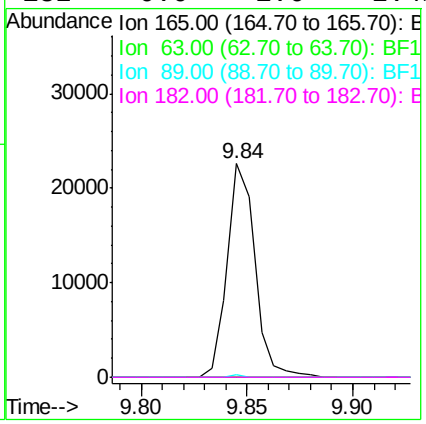


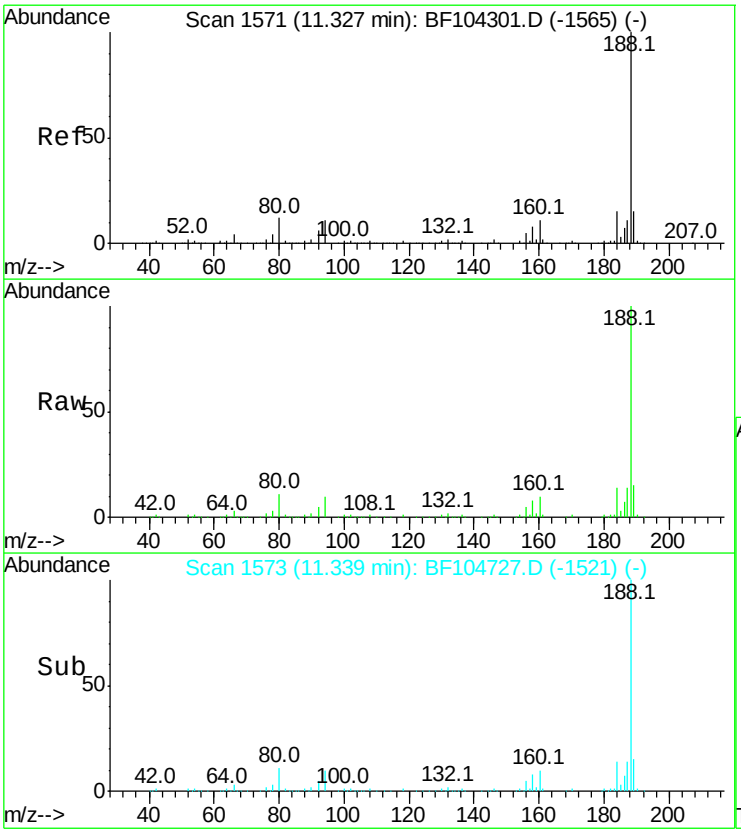
#56
2,4-Dinitrotoluene
Concen: 6.488 ng
RT: 9.84 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20556

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

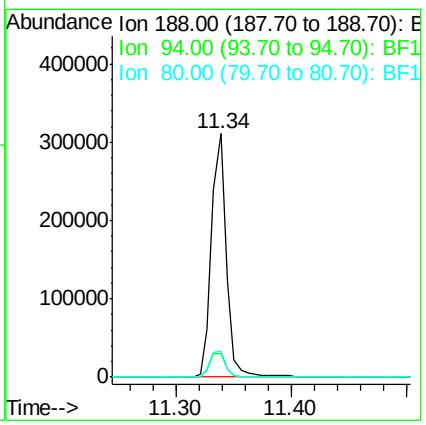


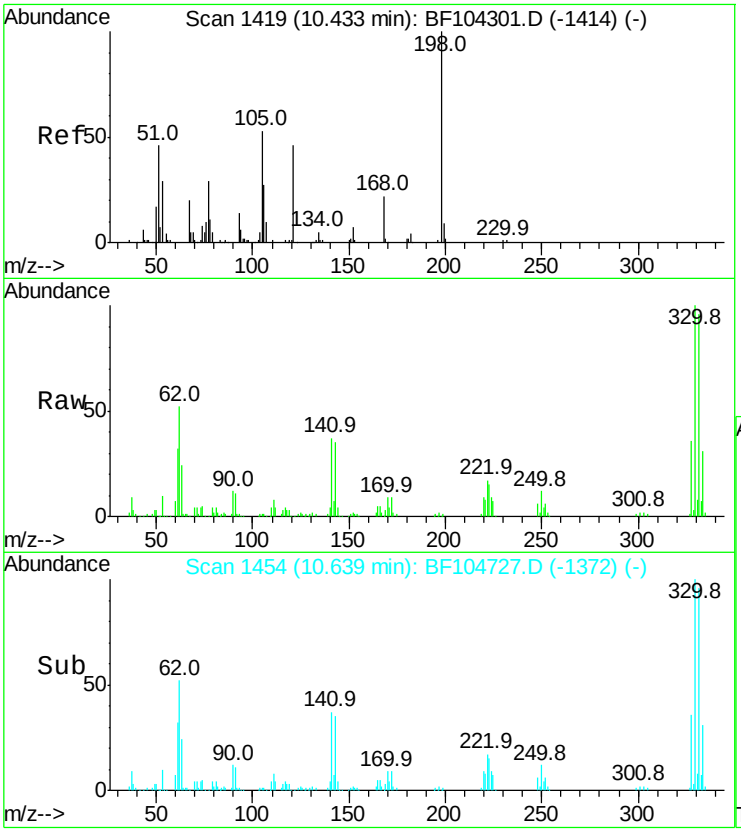


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Tgt Ion:188 Resp: 279909

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.6	9.2	13.8



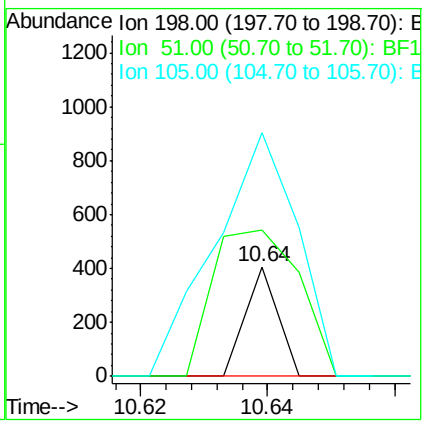


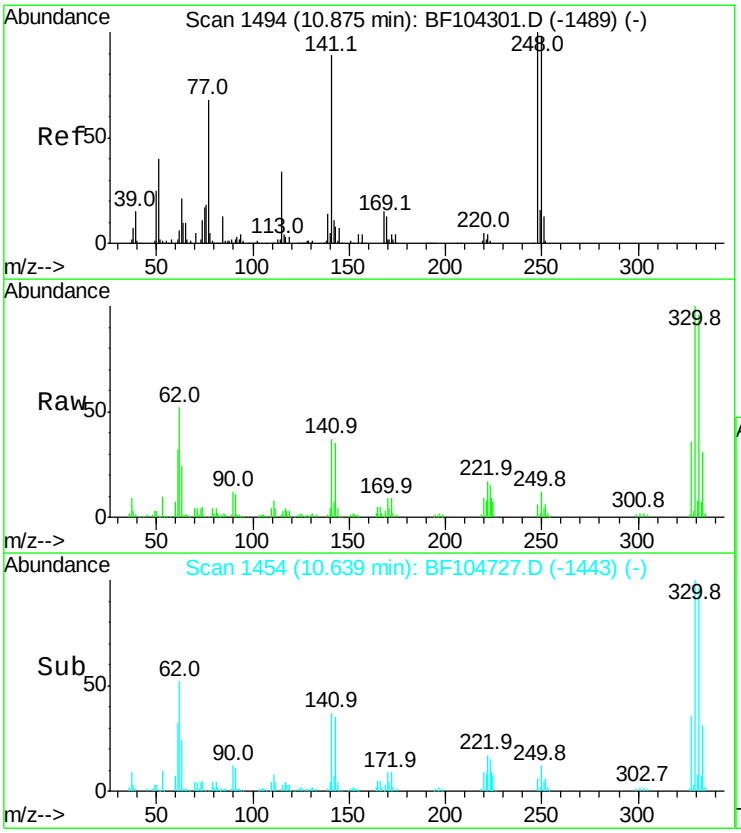
#64
4,6-Dinitro-2-methylphenol
Concen: 7.436 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 143

Ion	Ratio	Lower	Upper
198	100		
51	133.7	37.7	77.7#
105	222.4	36.3	76.3#

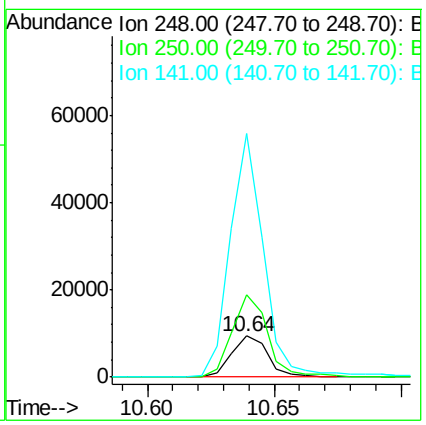


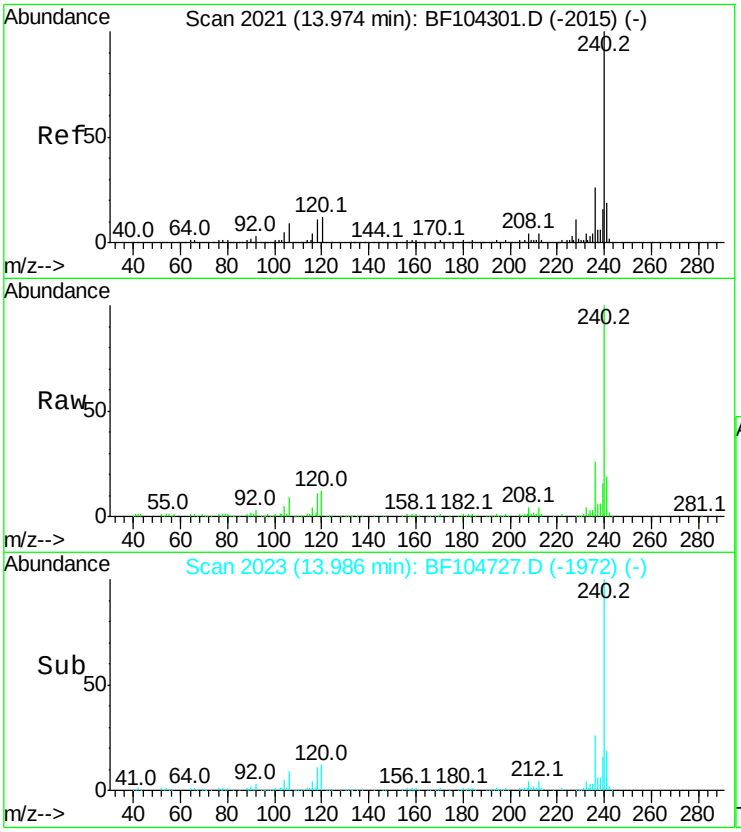


#66
4-Bromophenyl-phenylether
Concen: 3.102 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Tgt Ion:248 Resp: 9236

Ion	Ratio	Lower	Upper
248	100		
250	200.1	76.9	115.3#
141	594.1	74.4	111.6#



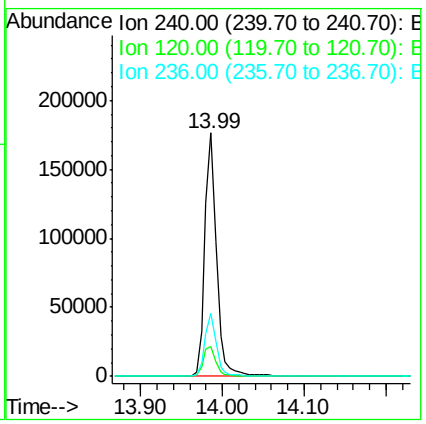


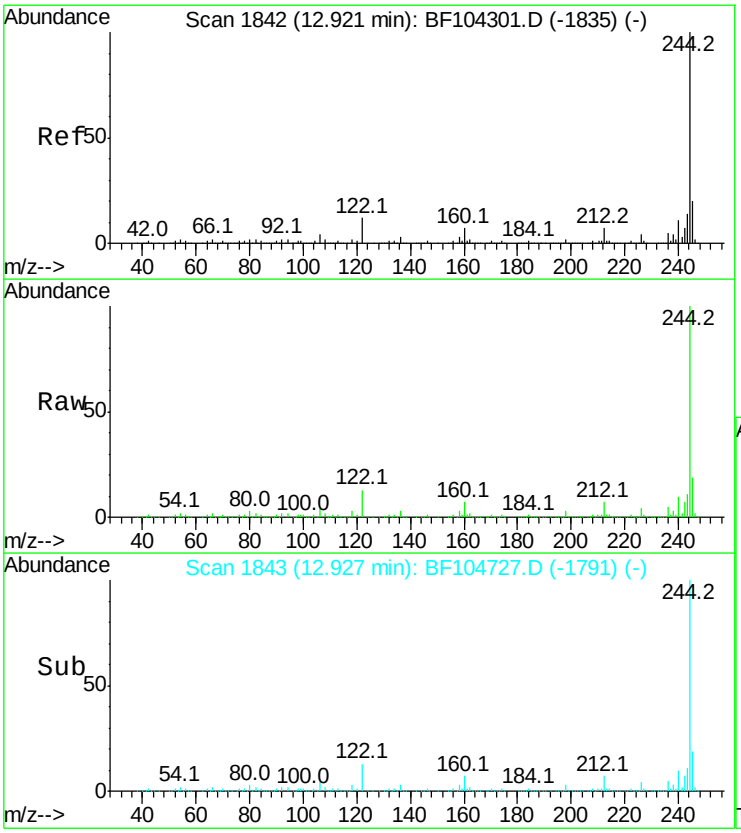
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 177402

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	26.0	20.7	31.1

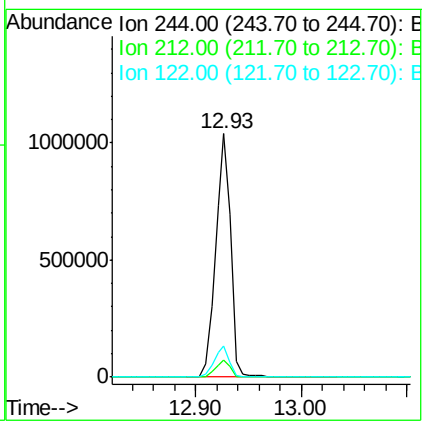


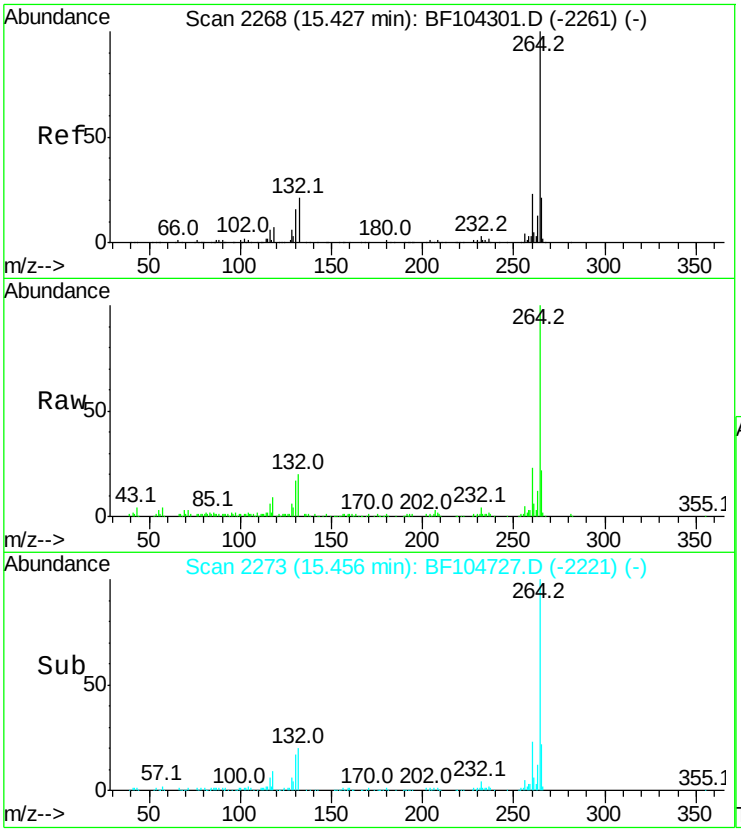


#78
Terphenyl-d14
Concen: 134.008 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Tgt Ion:244 Resp: 1042769

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 134007

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.0	17.5	26.3