Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104394.D
Acq On : 10 Apr 2018 1:52
Operator : JU/SJ
Sample : J2283-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 10 03:32:31 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	126011	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	480586	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	185111	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	280069	20.00	ng		0.00
75) Chrysene-d12	13.97	240	279853	20.00	ng		0.00
86) Perylene-d12	15.44	264	207851	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	998043	121.11	ng		0.02
7) Phenol-d6	6.44	99	1054444	104.14	ng		0.01
23) Nitrobenzene-d5	7.37	82	797874	108.41	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	251390	130.92	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1281226	109.34	ng		0.00
78) Terphenyl-d14	12.93	244	1093271	89.06	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.58	77	23105	2.205	ng		82
19) n-Nitroso-di-n-propylamine	7.37	70	105056	15.877	ng	#	74
25) Isophorone	7.37	82	797012	51.210	ng	#	64
31) Naphthalene	8.11	128	261021	10.907	ng		100
33) 4-Chloroaniline	8.11	127	34326	3.348	ng	#	34
37) 2-Methylnaphthalene	8.80	142	35745	2.309	ng		99
50) 2,6-Dinitrotoluene	9.85	165	24167	8.947	ng	#	26
56) 2,4-Dinitrotoluene	9.85	165	24167	6.821	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.63	198	528	7.675	ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	15094	5.067	ng	#	1
76) Benzidine	12.92	184	14282	Below Cal			97

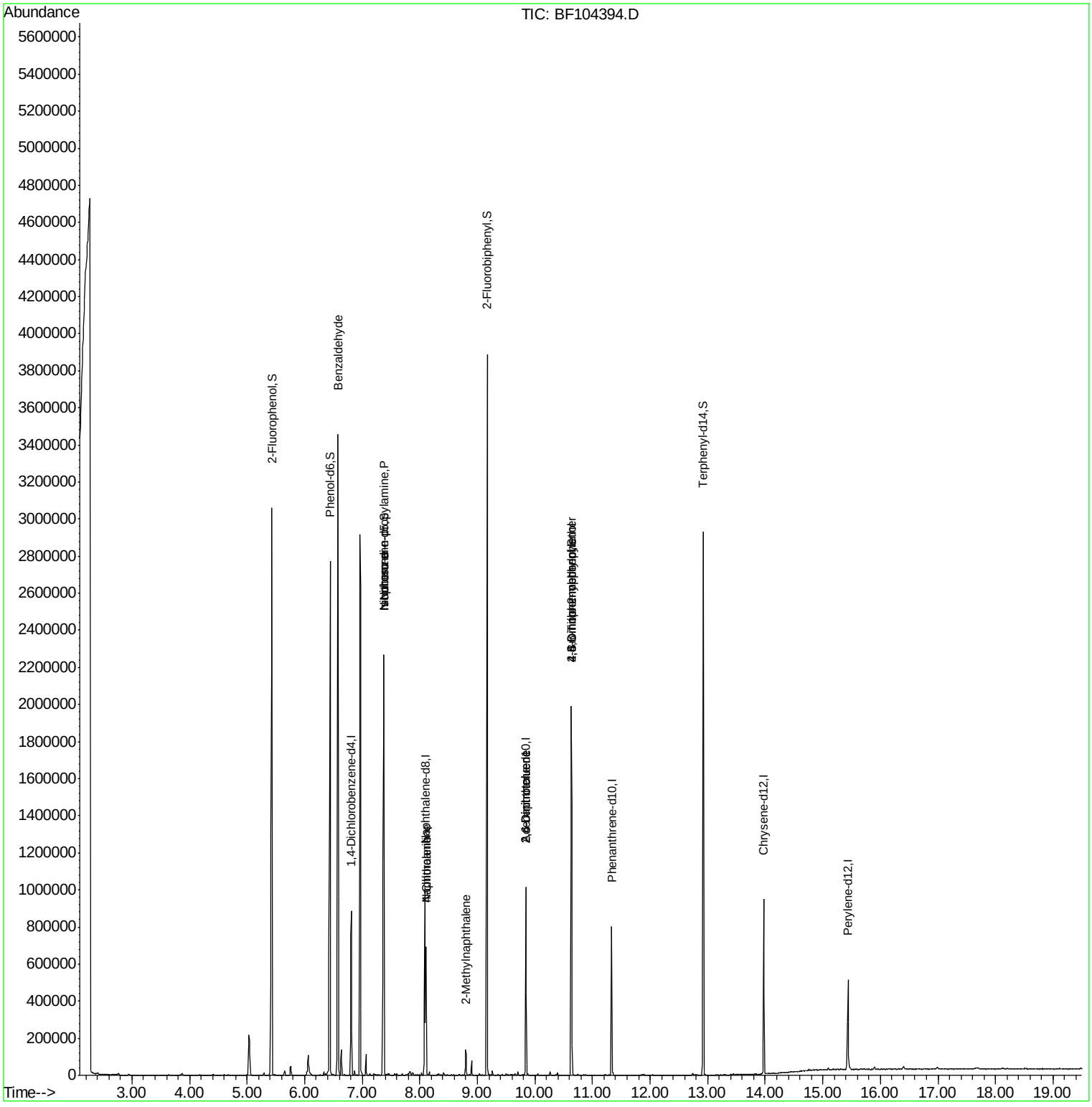
(#) = qualifier out of range (m) = manual integration (+) = signals summed

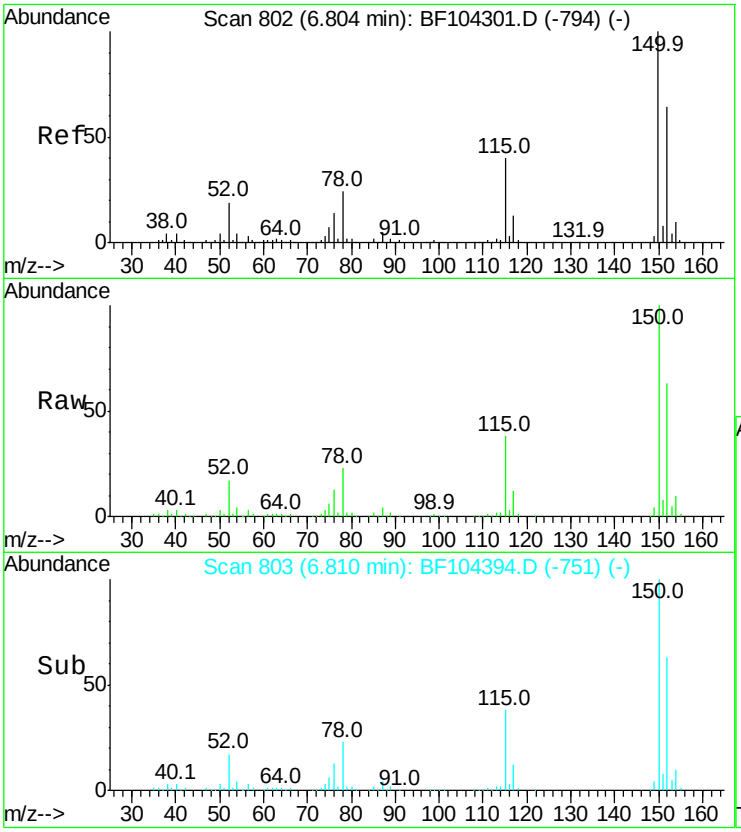
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104394.D
Acq On : 10 Apr 2018 1:52
Operator : JU/SJ
Sample : J2283-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 10 03:32:31 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration



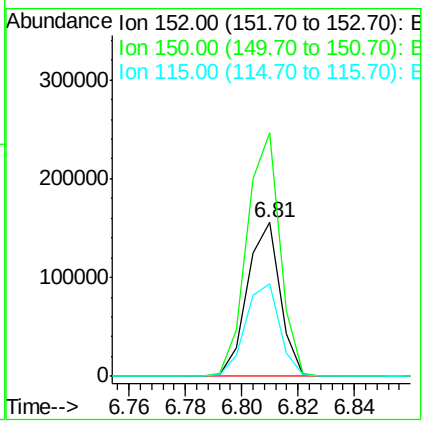


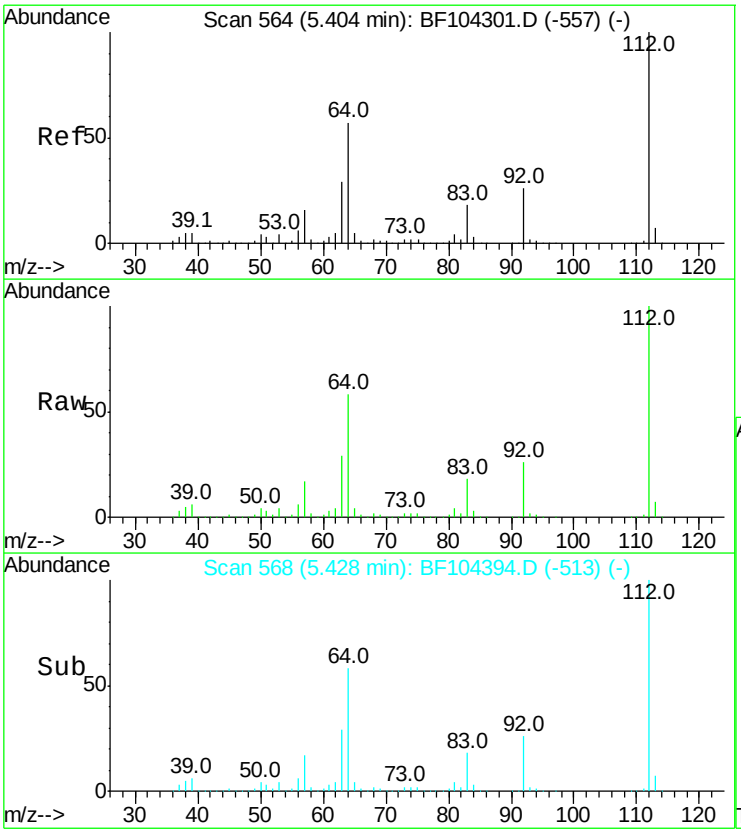
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104394.D
Acq: 10 Apr 2018 1:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 126011

Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	60.0	50.1	75.1

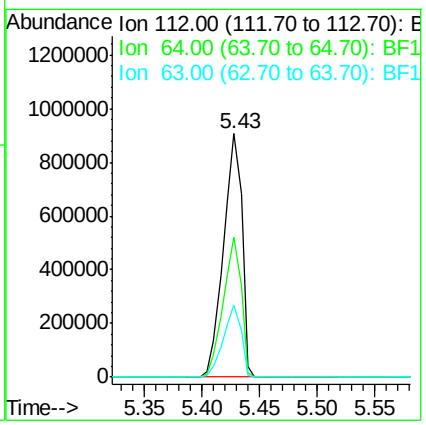


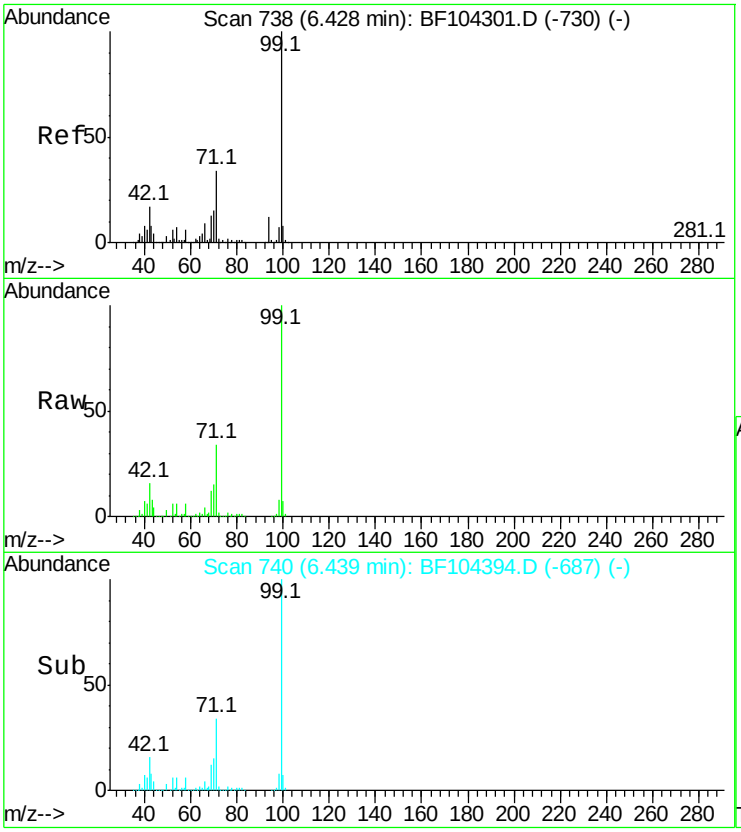


#5
2-Fluorophenol
Concen: 121.106 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF104394.D
Acq: 10 Apr 2018 1:52

Tgt Ion:112 Resp: 998043

Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.9	71.9
63	29.4	23.7	35.5



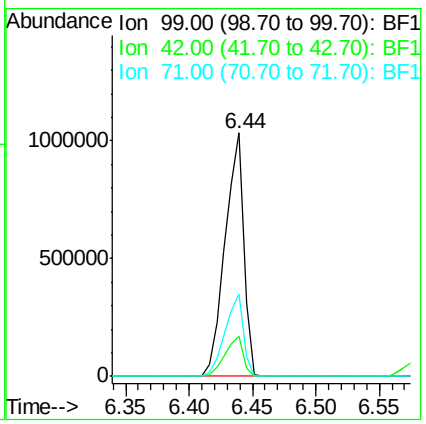


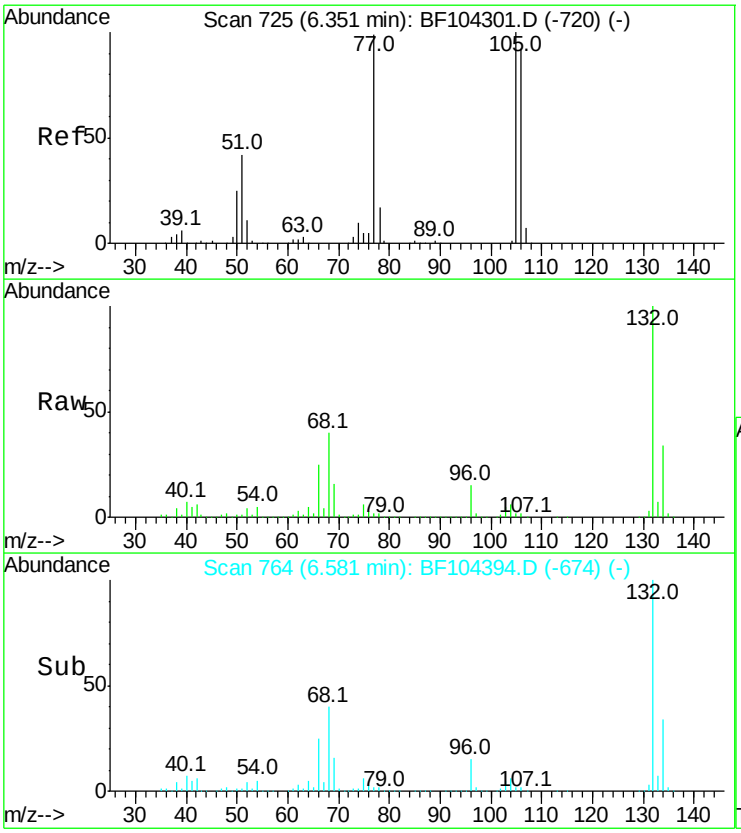
#7
Phenol-d6
Concen: 104.136 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF104394.D
Acq: 10 Apr 2018 1:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1054444

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	33.8	25.4	38.0

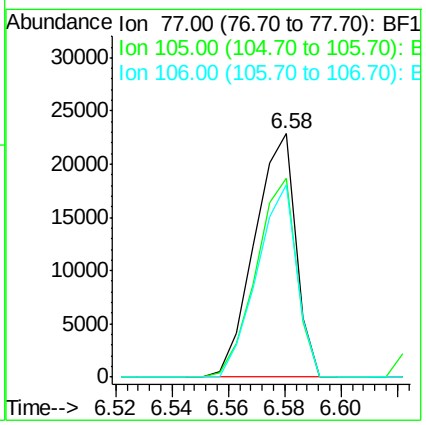


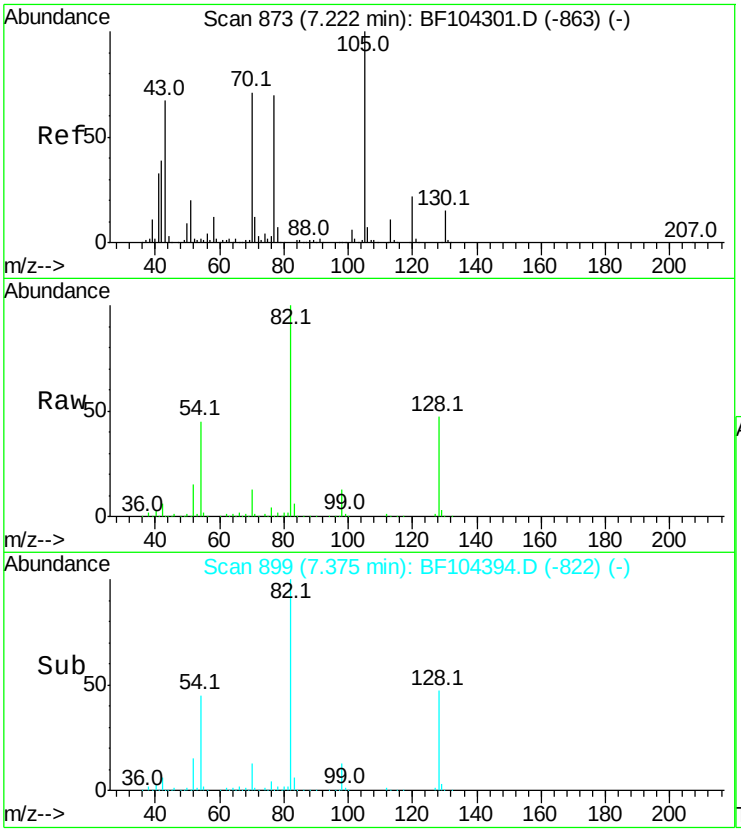


#9
Benzaldehyde
Concen: 2.205 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.23 min
Lab File: BF104394.D
Acq: 10 Apr 2018 1:52

Tgt Ion: 77 Resp: 23105

Ion	Ratio	Lower	Upper
77	100		
105	81.6	81.1	121.1
106	79.1	74.5	114.5



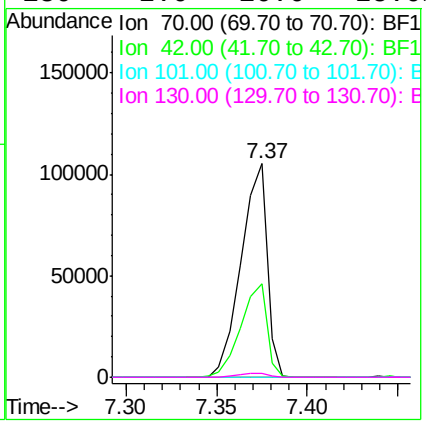


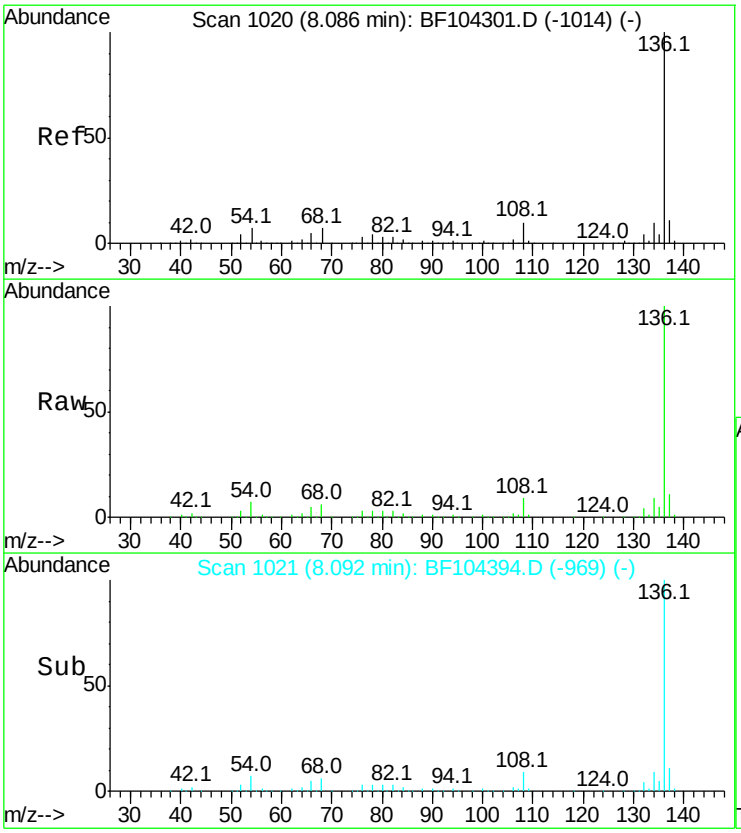
#19
n-Nitroso-di-n-propylamine
Concen: 15.877 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104394.D
Acq: 10 Apr 2018 1:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 105056

Ion	Ratio	Lower	Upper
70	100		
42	43.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

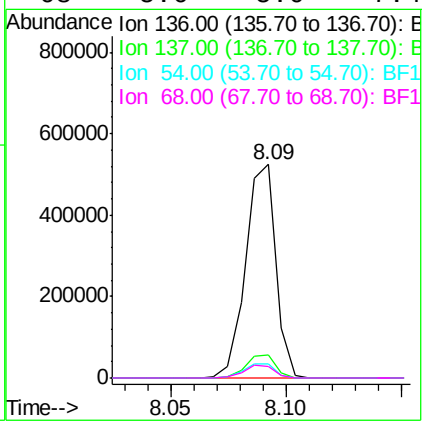


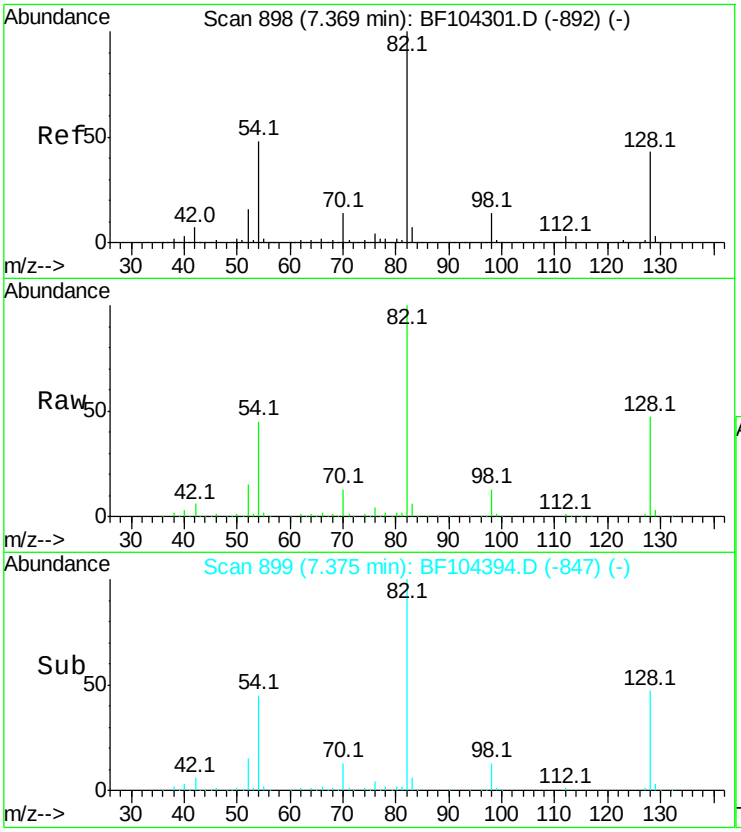


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF104394.D
Acq: 10 Apr 2018 1:52

Tgt Ion:136 Resp: 480586

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.6	6.6	9.8
68	5.6	5.0	7.4



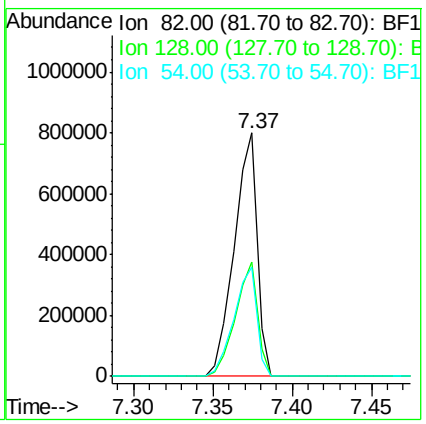


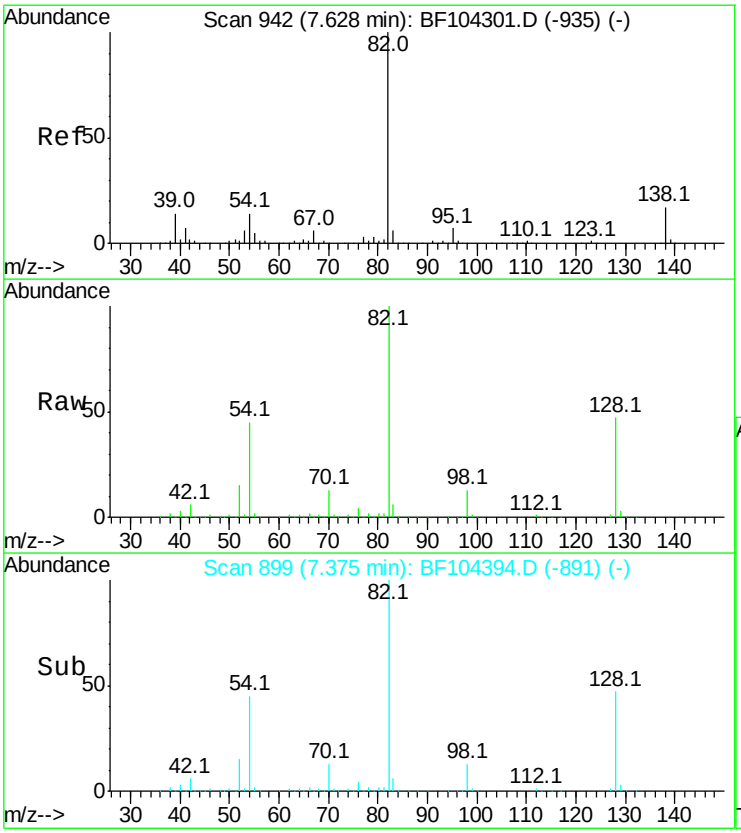
#23
Nitrobenzene-d5
Concen: 108.409 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF104394.D
Acq: 10 Apr 2018 1:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 797874

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	45.0	41.4	62.2

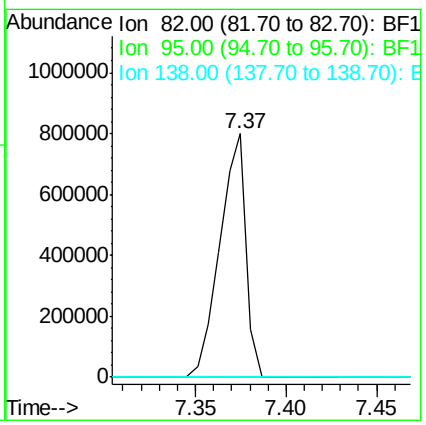


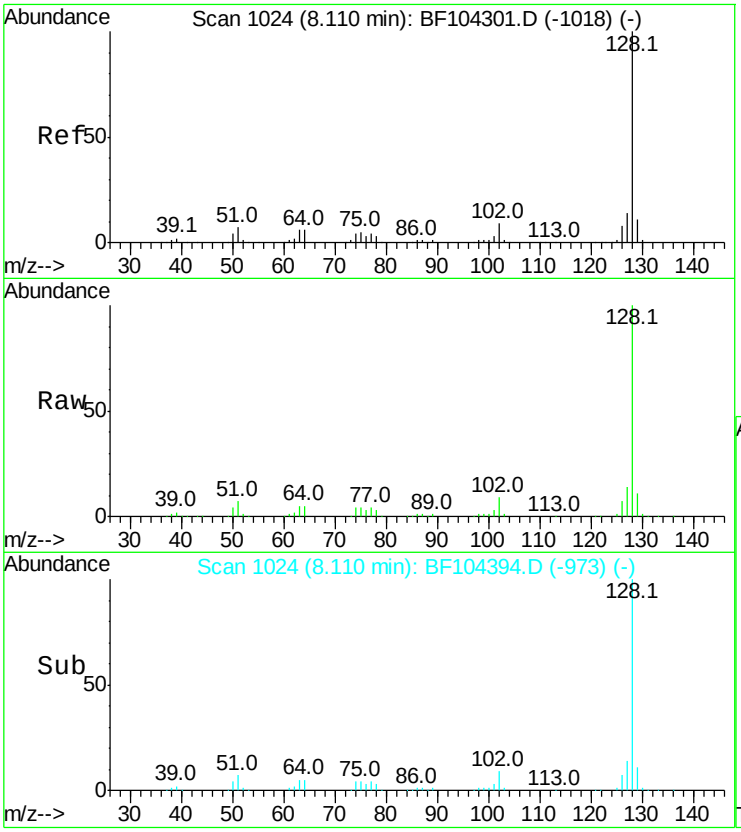


#25
Isophorone
Concen: 51.210 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.25 min
Lab File: BF104394.D
Acq: 10 Apr 2018 1:52

Tgt Ion: 82 Resp: 797012

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



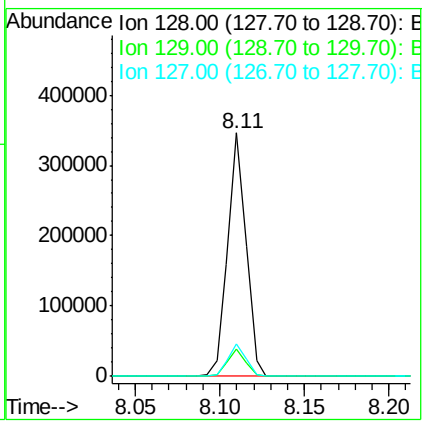


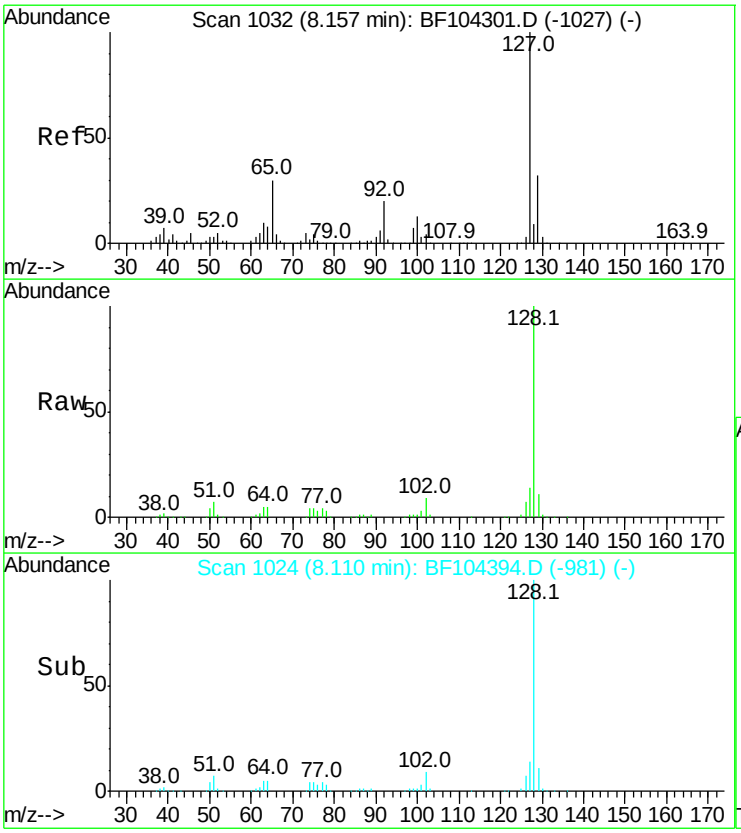
#31
Naphthalene
Concen: 10.907 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF104394.D
Acq: 10 Apr 2018 1:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 261021

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.5	10.9	16.3

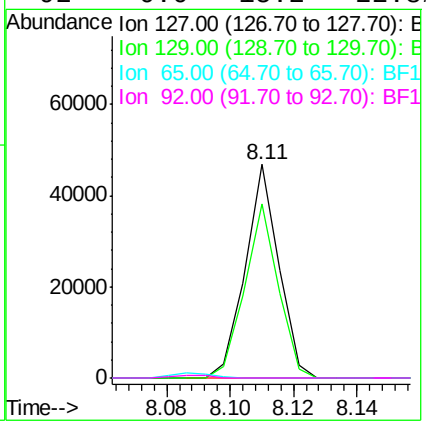


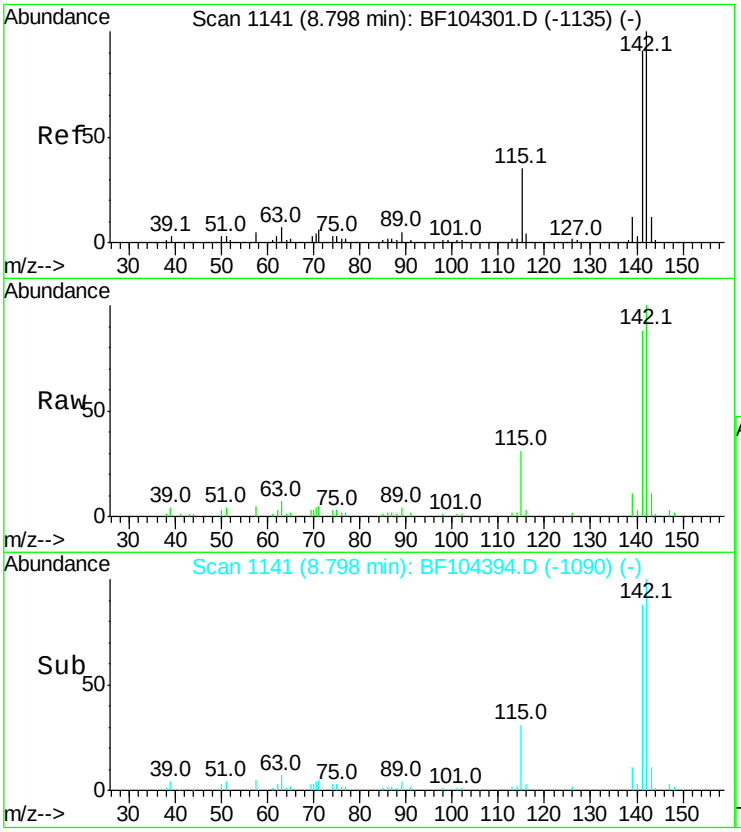


#33
4-Chloroaniline
Concen: 3.348 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BF104394.D
Acq: 10 Apr 2018 1:52

Tgt Ion:127 Resp: 34326

Ion	Ratio	Lower	Upper
127	100		
129	81.8	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

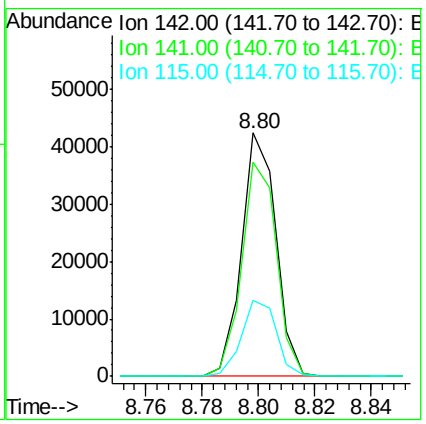




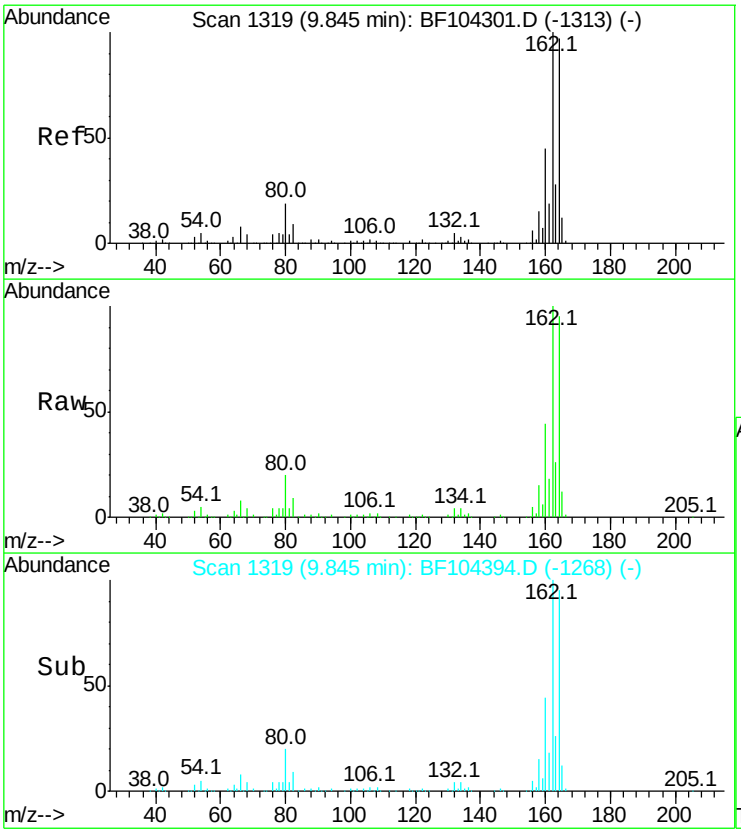
#37
2-Methylnaphthalene
Concen: 2.309 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF104394.D
Acq: 10 Apr 2018 1:52

Tgt Ion:142 Resp: 35745

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.8	106.2
115	31.2	26.1	39.1



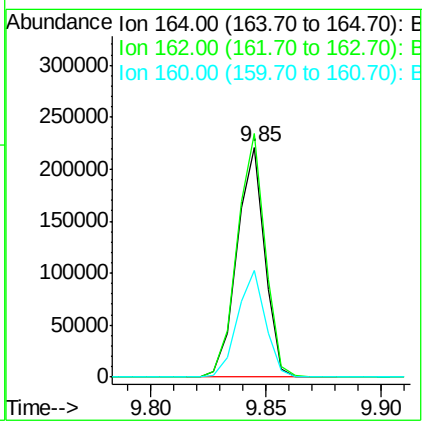
Instrument :
BNA_F
ClientSampleId :

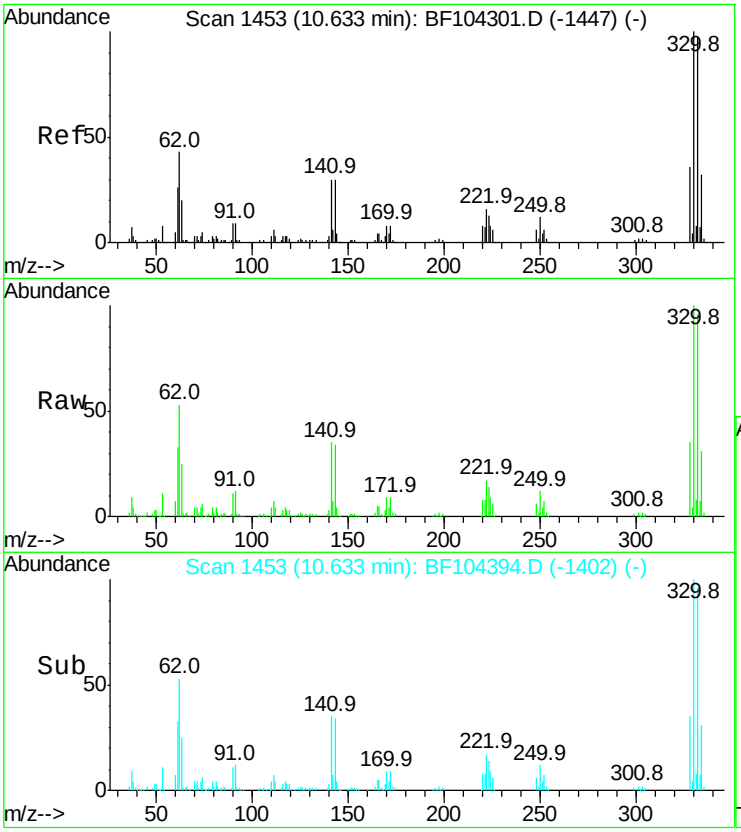


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104394.D
Acq: 10 Apr 2018 1:52

Tgt Ion:164 Resp: 185111

Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	46.5	38.3	57.5



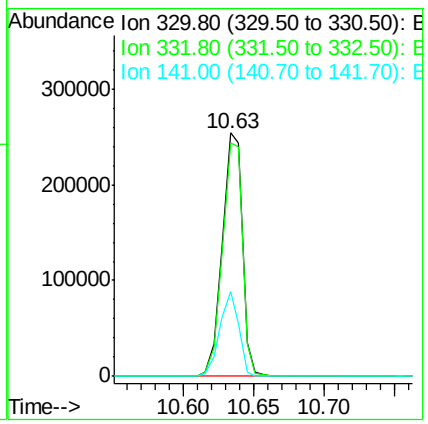


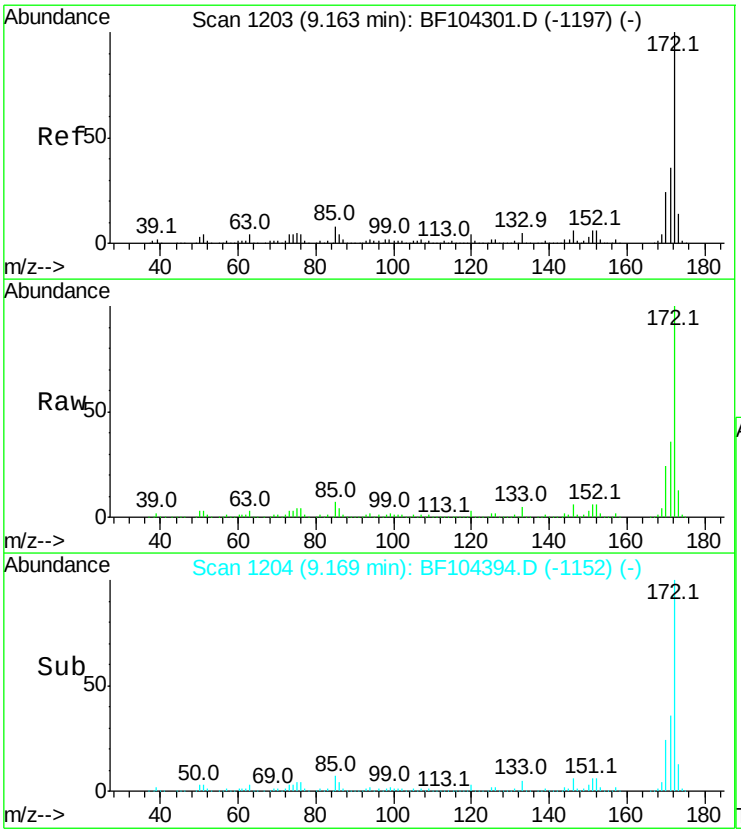
#41
2,4,6-Tribromophenol
Concen: 130.918 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF104394.D
Acq: 10 Apr 2018 1:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 251390

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	32.9	29.9	44.9

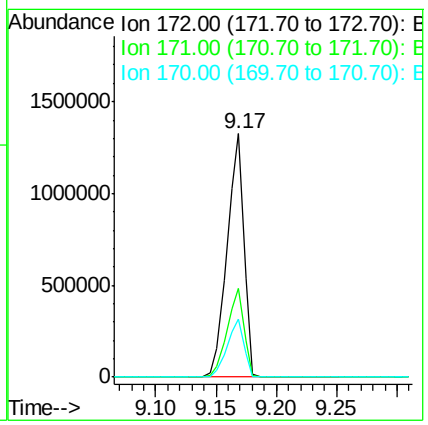


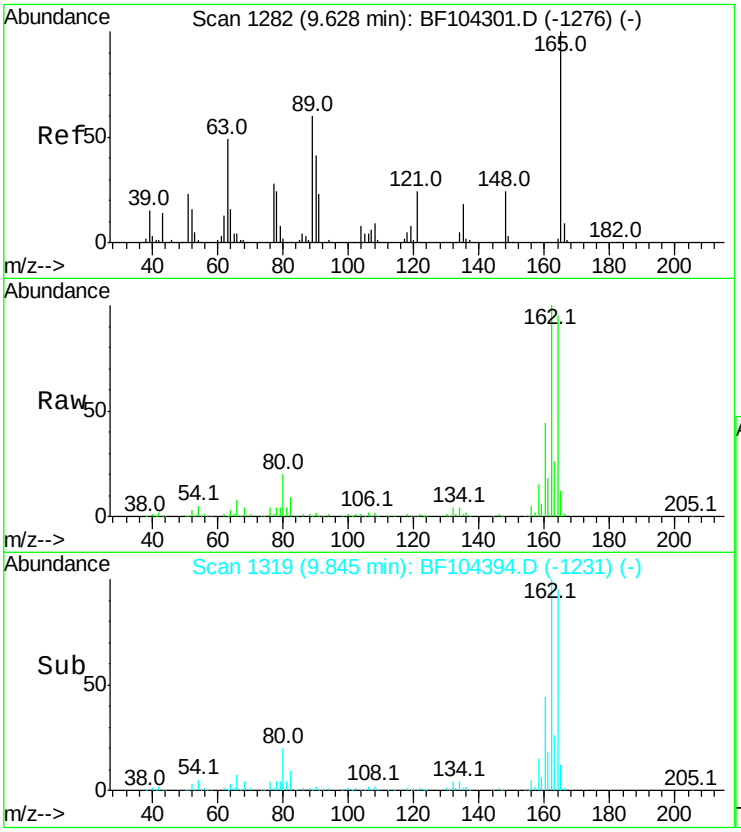


#44
2-Fluorobiphenyl
Concen: 109.341 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF104394.D
Acq: 10 Apr 2018 1:52

Tgt Ion:172 Resp: 1281226

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



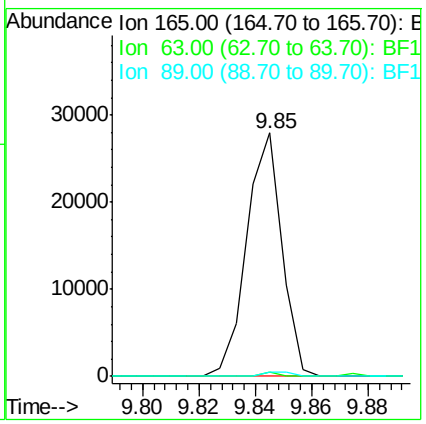


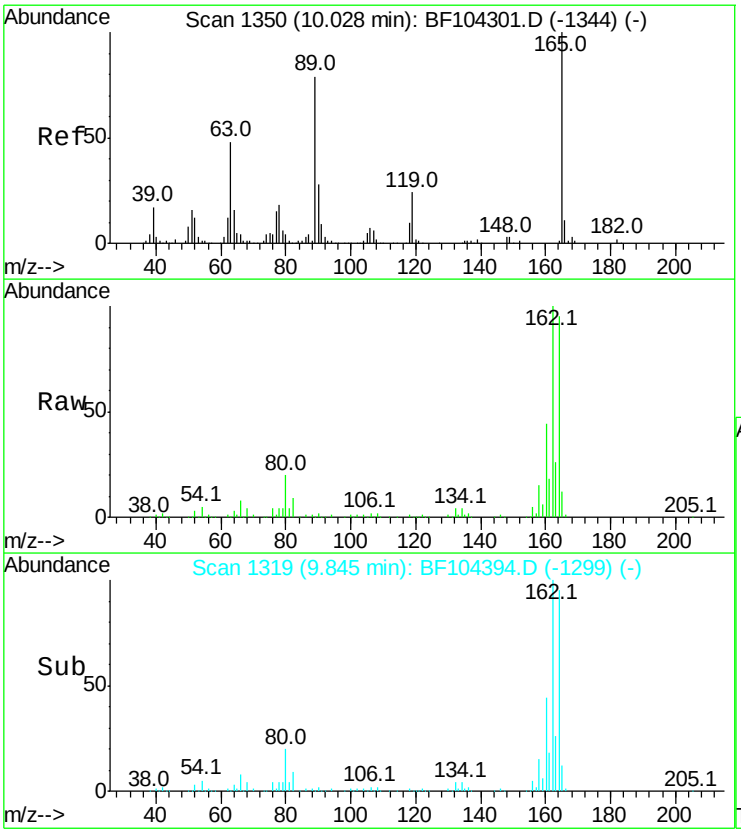
#50
2,6-Dinitrotoluene
Concen: 8.947 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.22 min
Lab File: BF104394.D
Acq: 10 Apr 2018 1:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24167

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.6	44.0	66.0#

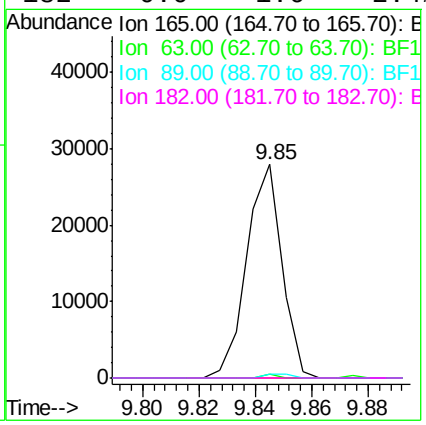


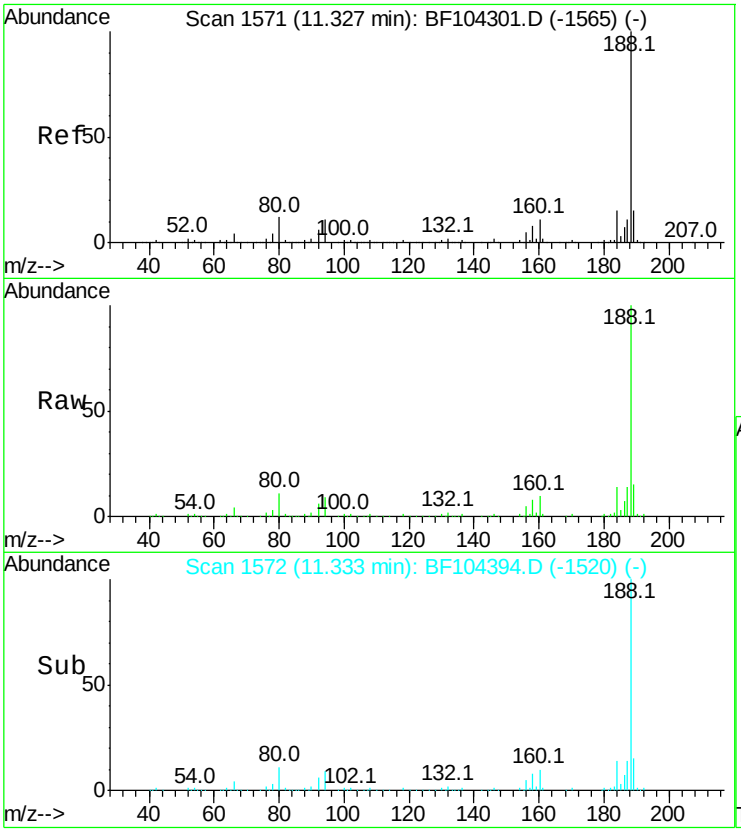


#56
2,4-Dinitrotoluene
Concen: 6.821 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.18 min
Lab File: BF104394.D
Acq: 10 Apr 2018 1:52

Tgt Ion:165 Resp: 24167

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



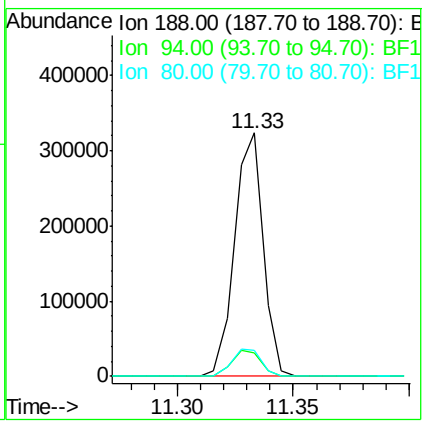


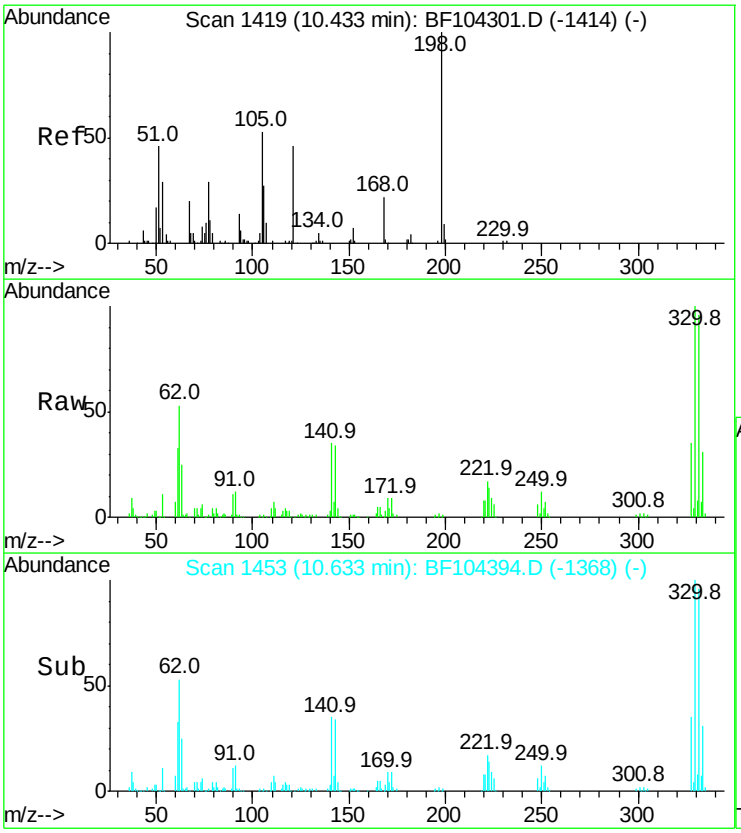
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF104394.D
Acq: 10 Apr 2018 1:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 280069

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.9	9.2	13.8

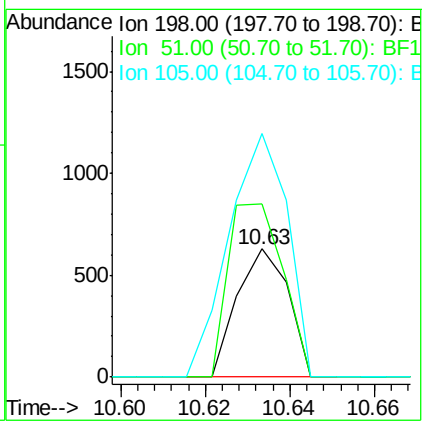


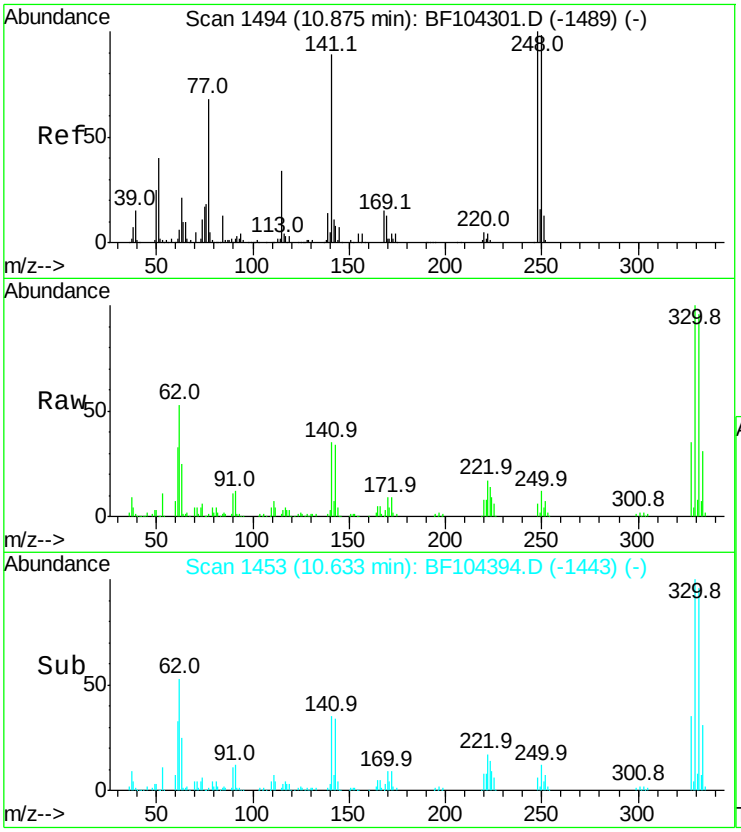


#64
4,6-Dinitro-2-methylphenol
Concen: 7.675 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.20 min
Lab File: BF104394.D
Acq: 10 Apr 2018 1:52

Tgt Ion:198 Resp: 528

Ion	Ratio	Lower	Upper
198	100		
51	134.9	37.7	77.7#
105	189.7	36.3	76.3#



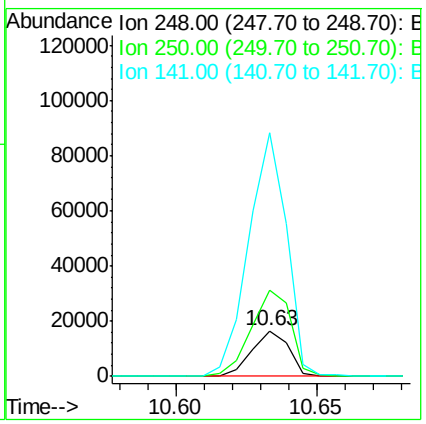


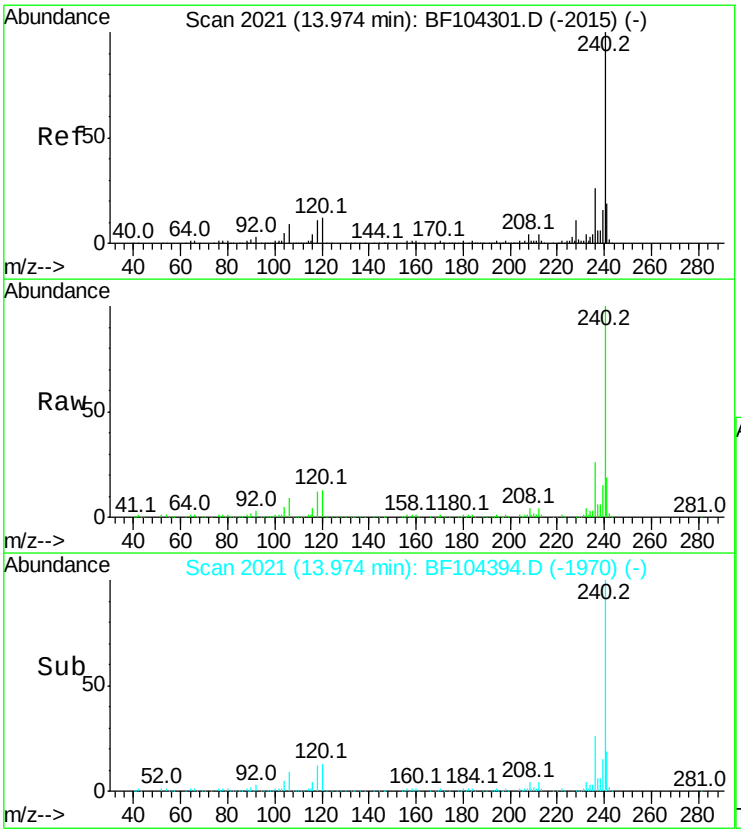
#66
4-Bromophenyl-phenylether
Concen: 5.067 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104394.D
Acq: 10 Apr 2018 1:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 15094

Ion	Ratio	Lower	Upper
248	100		
250	190.8	76.9	115.3#
141	537.4	74.4	111.6#

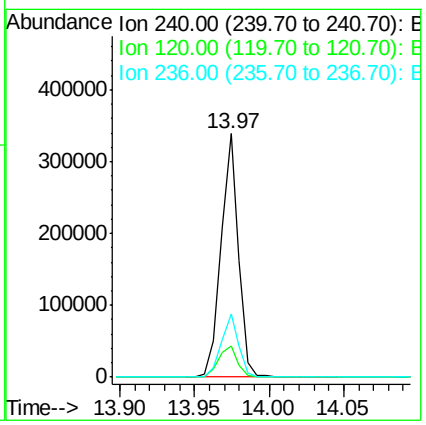


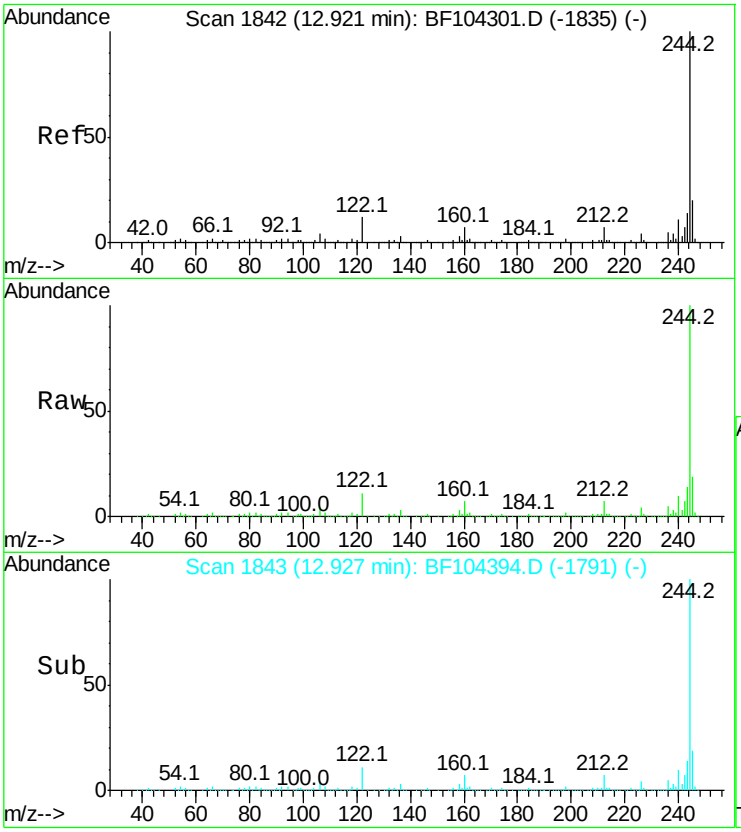


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF104394.D
Acq: 10 Apr 2018 1:52

Tgt Ion:240 Resp: 279853

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	26.0	20.7	31.1



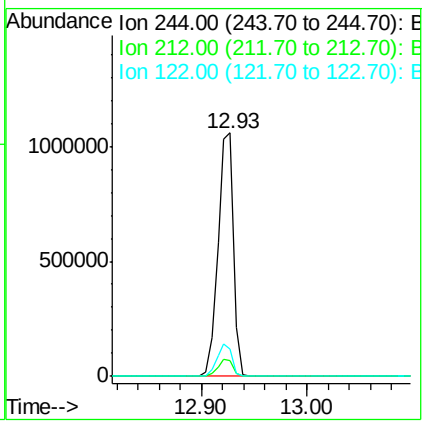


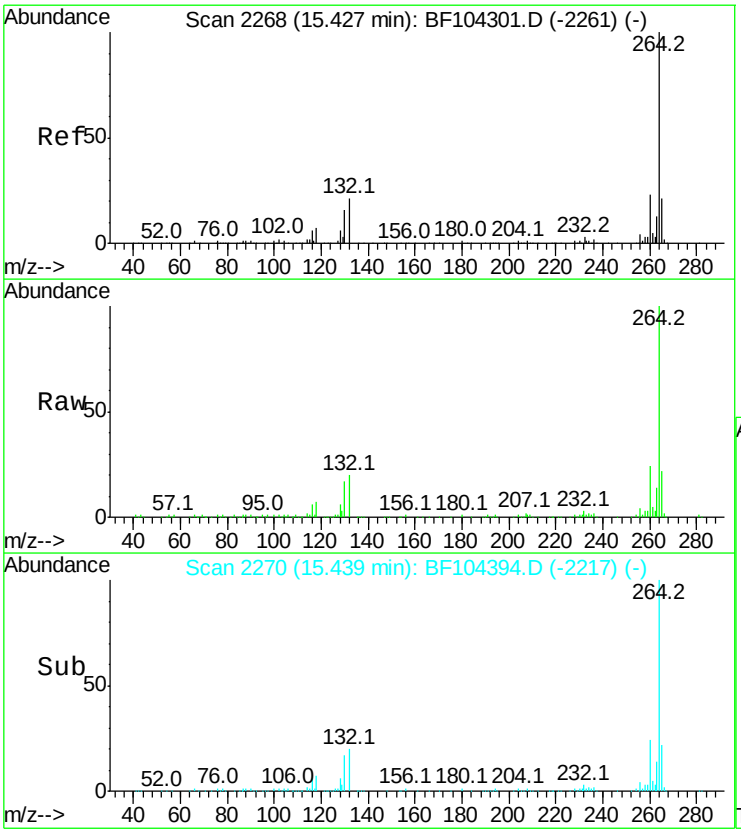
#78
Terphenyl-d14
Concen: 89.064 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF104394.D
Acq: 10 Apr 2018 1:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1093271

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF104394.D
Acq: 10 Apr 2018 1:52

Tgt Ion:264 Resp: 207851

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	17.5	26.3