Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104654.D
Acq On : 20 Apr 2018 2:54
Operator : JU/SJ
Sample : PB108376BL
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 20 04:50:49 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	123355	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	492290	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	201786	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	308064	20.00	ng	0.00
75) Chrysene-d12	13.97	240	261769	20.00	ng	-0.01
86) Perylene-d12	15.44	264	221240	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	872644	108.17	ng	0.01
7) Phenol-d6	6.45	99	1039458	104.87	ng	0.00
23) Nitrobenzene-d5	7.37	82	665924	88.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	213806	102.14	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1125476	88.11	ng	0.00
78) Terphenyl-d14	12.92	244	865003	75.34	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	85246	13.161	ng	# 72
25) Isophorone	7.37	82	665919	41.770	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	25689	8.725	ng	# 26
56) 2,4-Dinitrotoluene	9.84	165	25689	6.651	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	327	7.532	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	12697	3.875	ng	# 1
76) Benzidine	12.67	184	552	Below Cal		# 66

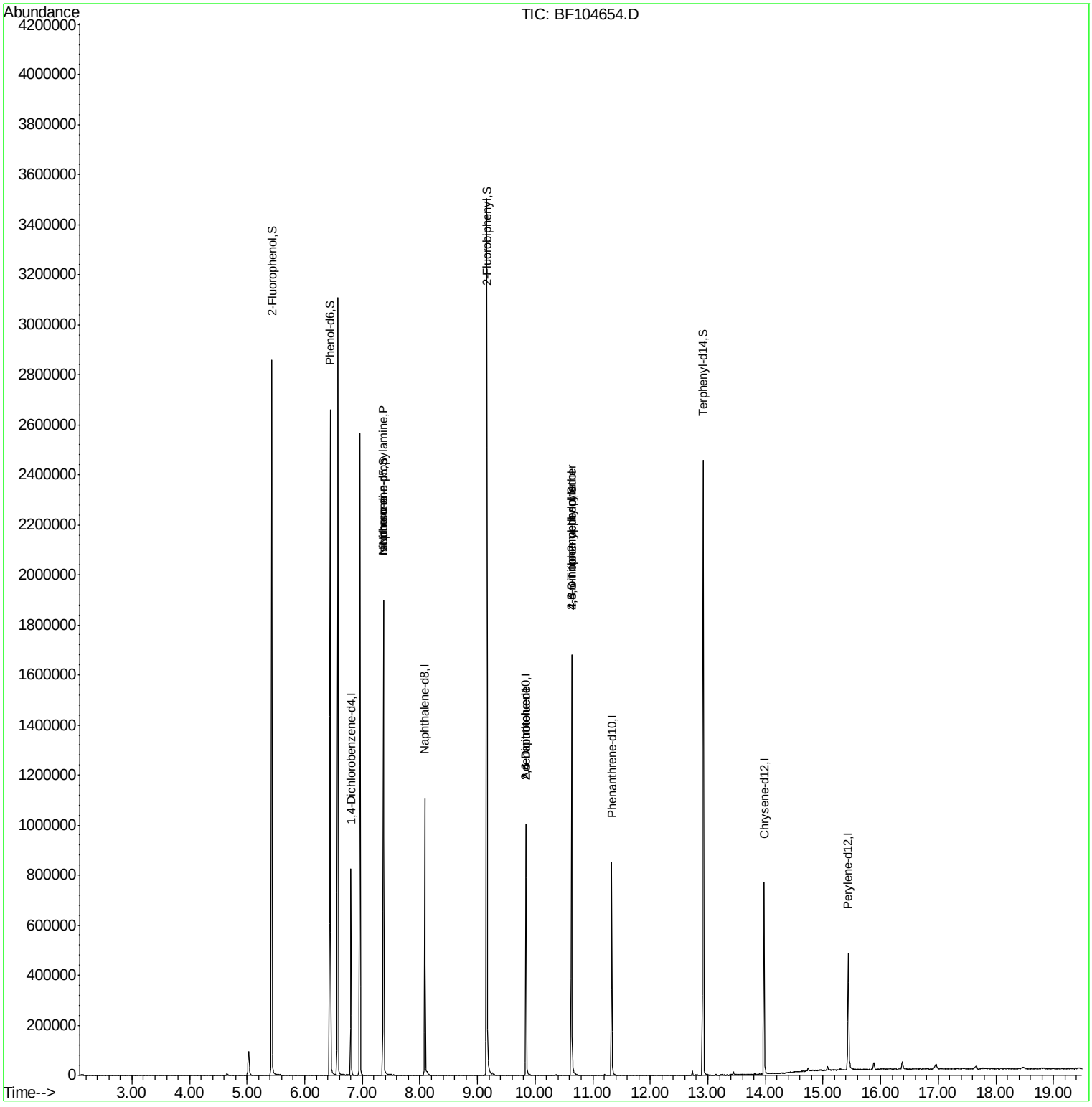
(#) = qualifier out of range (m) = manual integration (+) = signals summed

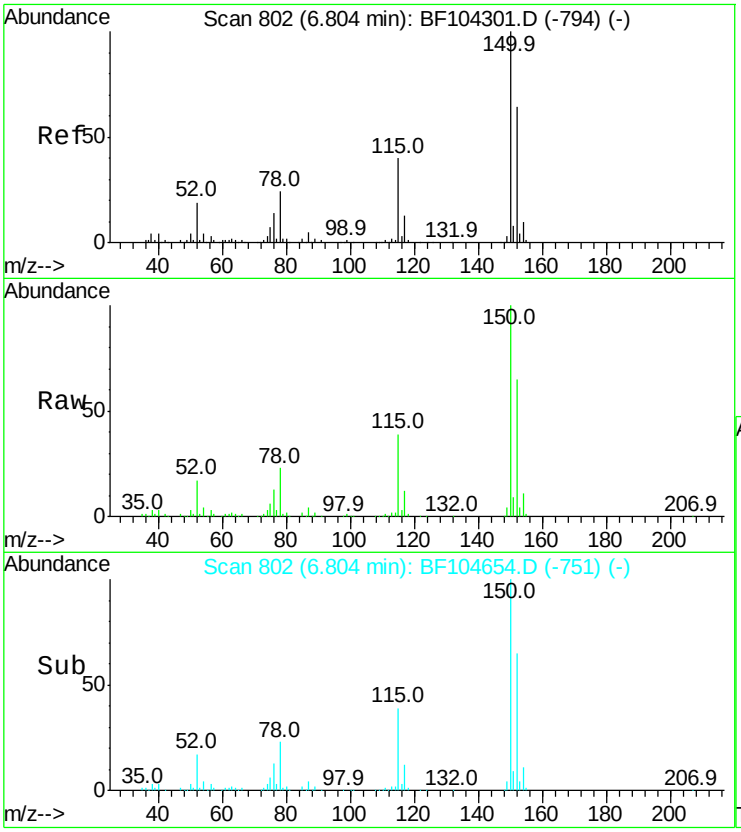
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104654.D
Acq On : 20 Apr 2018 2:54
Operator : JU/SJ
Sample : PB108376BL
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 20 04:50:49 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration



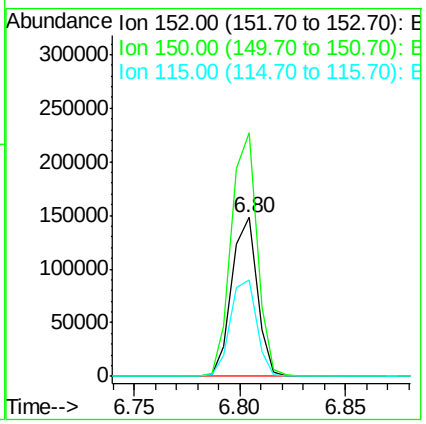


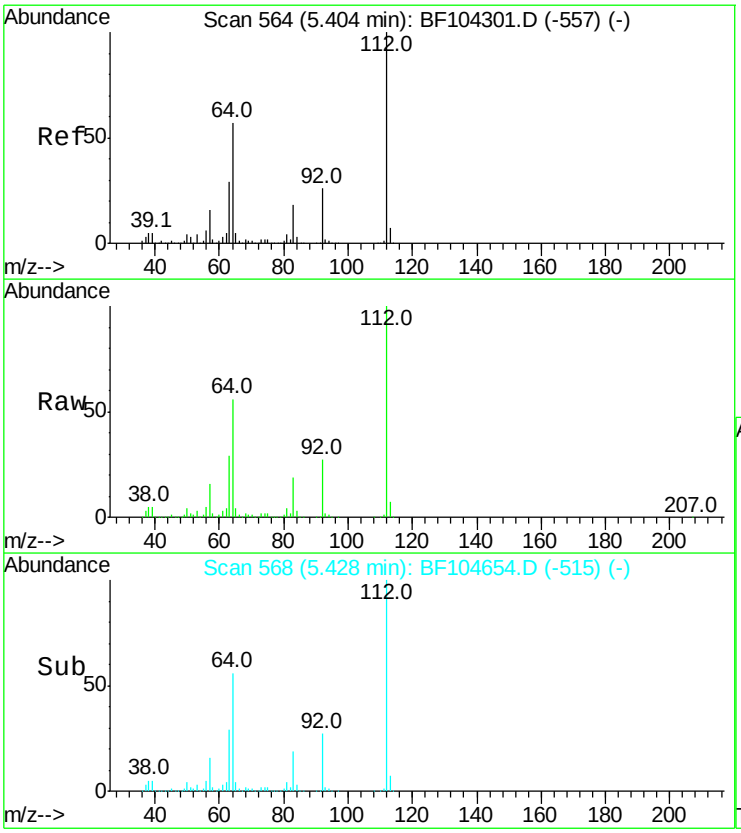
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104654.D
Acq: 20 Apr 2018 2:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 123355

Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	186.8
115	60.5	50.1	75.1

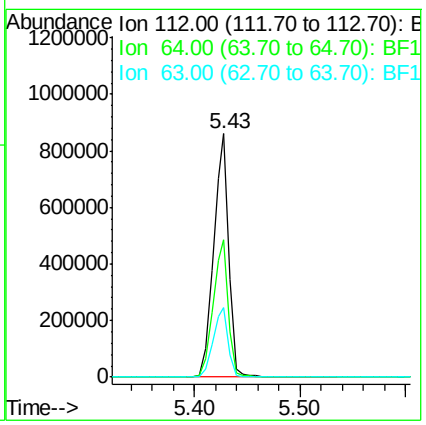


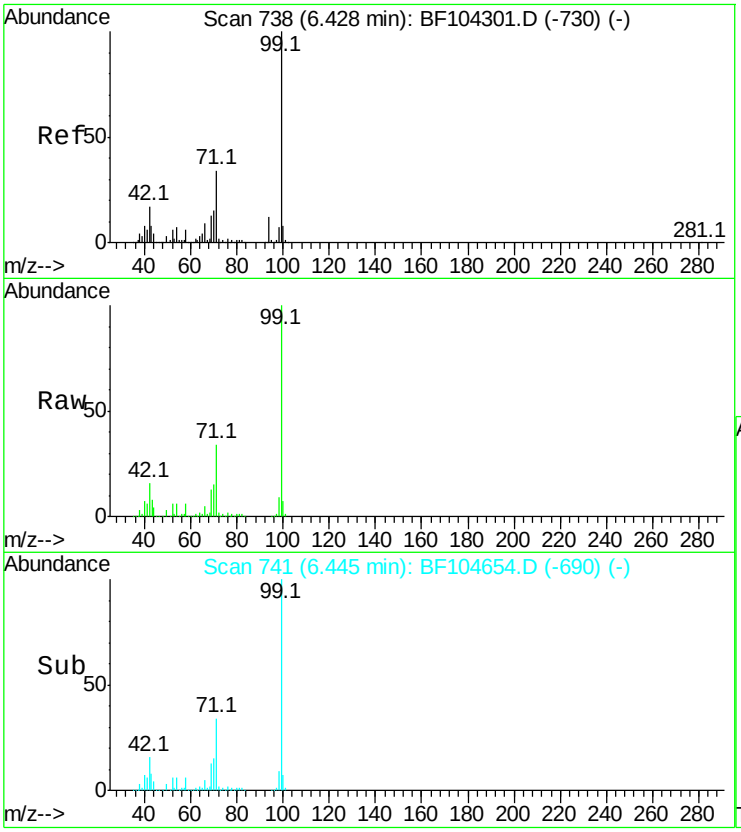


#5
2-Fluorophenol
Concen: 108.169 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104654.D
Acq: 20 Apr 2018 2:54

Tgt Ion:112 Resp: 872644

Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	28.7	23.7	35.5



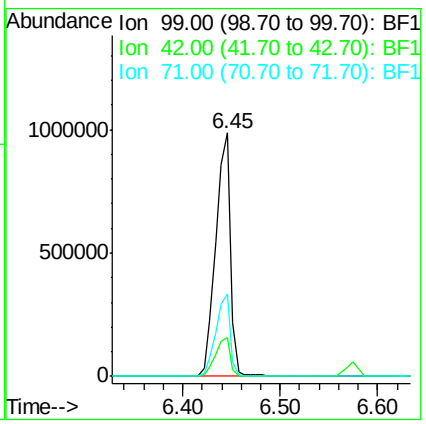


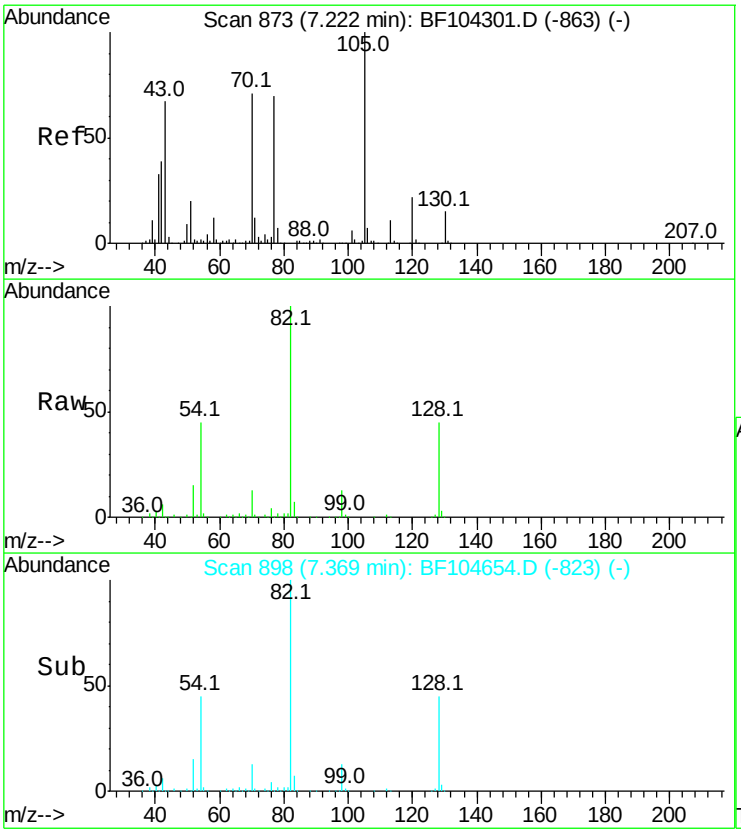
#7
Phenol-d6
Concen: 104.866 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF104654.D
Acq: 20 Apr 2018 2:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1039458

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.5	21.7
71	33.8	25.4	38.0

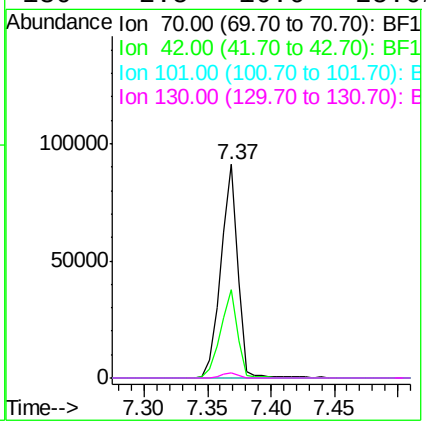


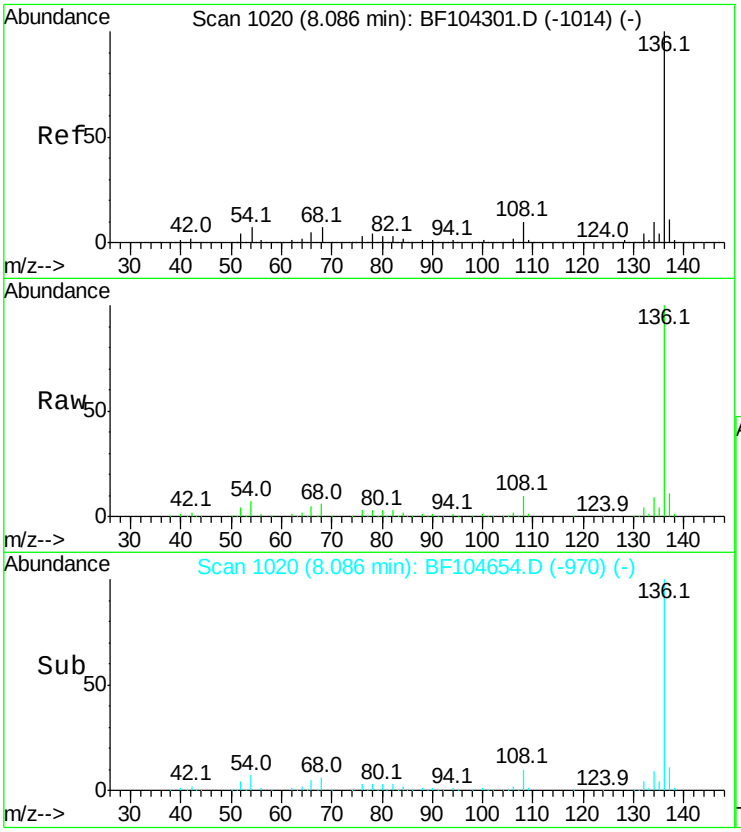


#19
n-Nitroso-di-n-propylamine
Concen: 13.161 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF104654.D
Acq: 20 Apr 2018 2:54

Tgt Ion: 70 Resp: 85246

Ion	Ratio	Lower	Upper
70	100		
42	41.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



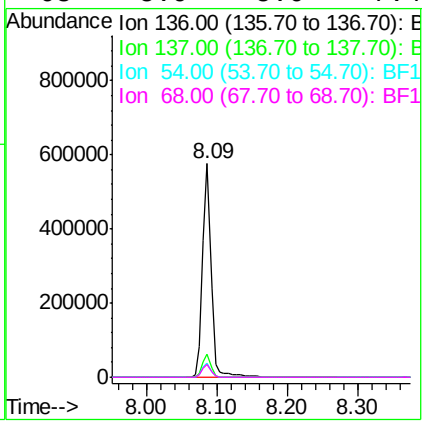


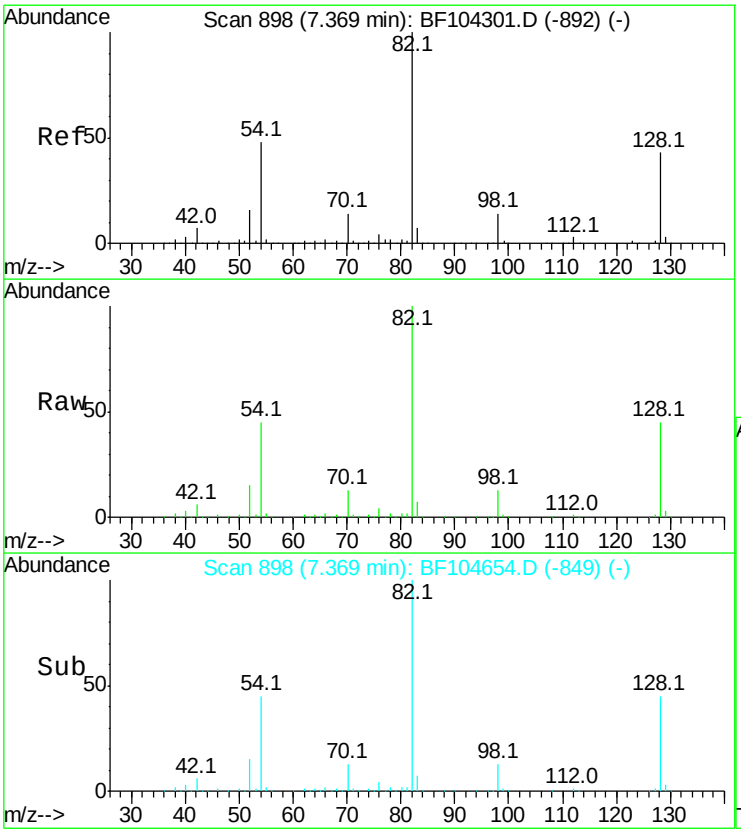
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104654.D
Acq: 20 Apr 2018 2:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 492290

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.6	6.6	9.8#
68	5.9	5.0	7.4

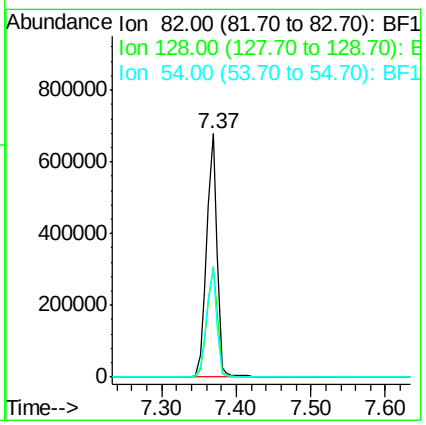


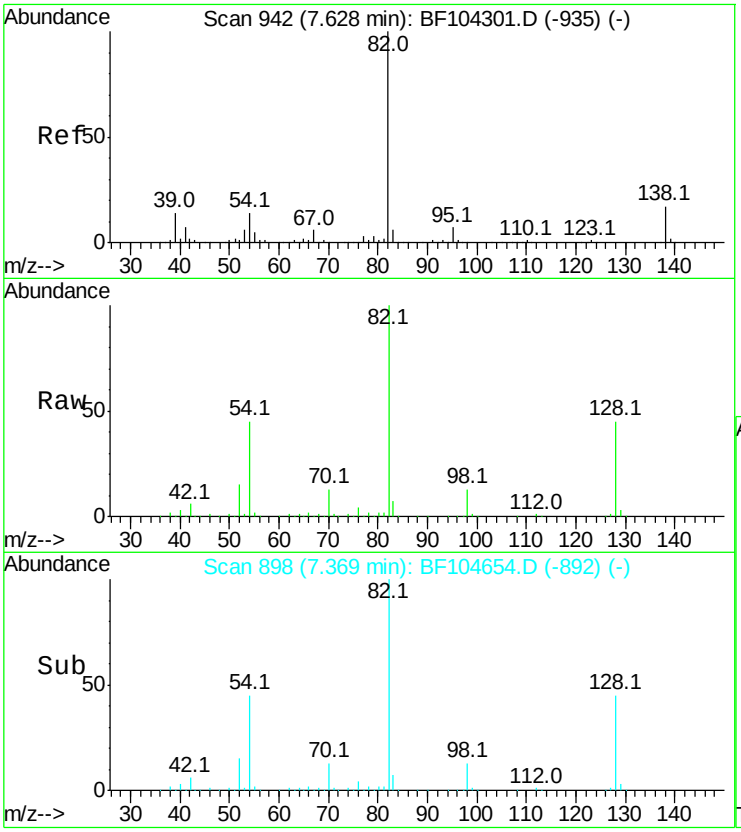


#23
Nitrobenzene-d5
Concen: 88.329 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104654.D
Acq: 20 Apr 2018 2:54

Tgt Ion: 82 Resp: 665924

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	45.0	41.4	62.2



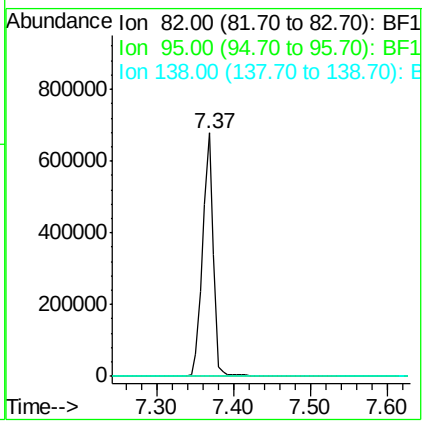


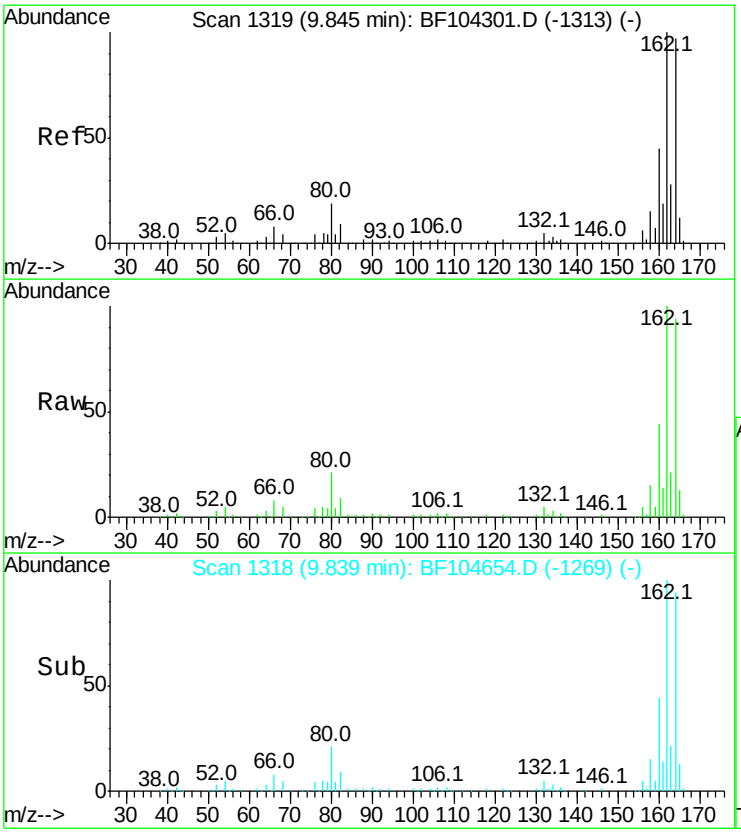
#25
Isophorone
Concen: 41.770 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104654.D
Acq: 20 Apr 2018 2:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 665919

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

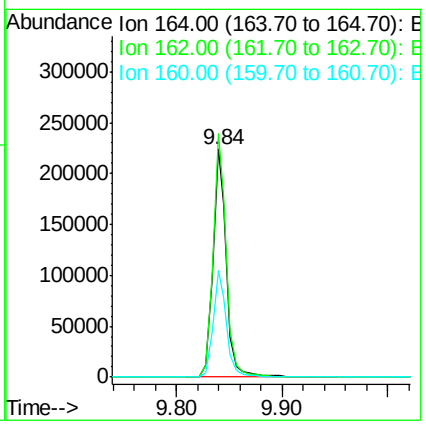


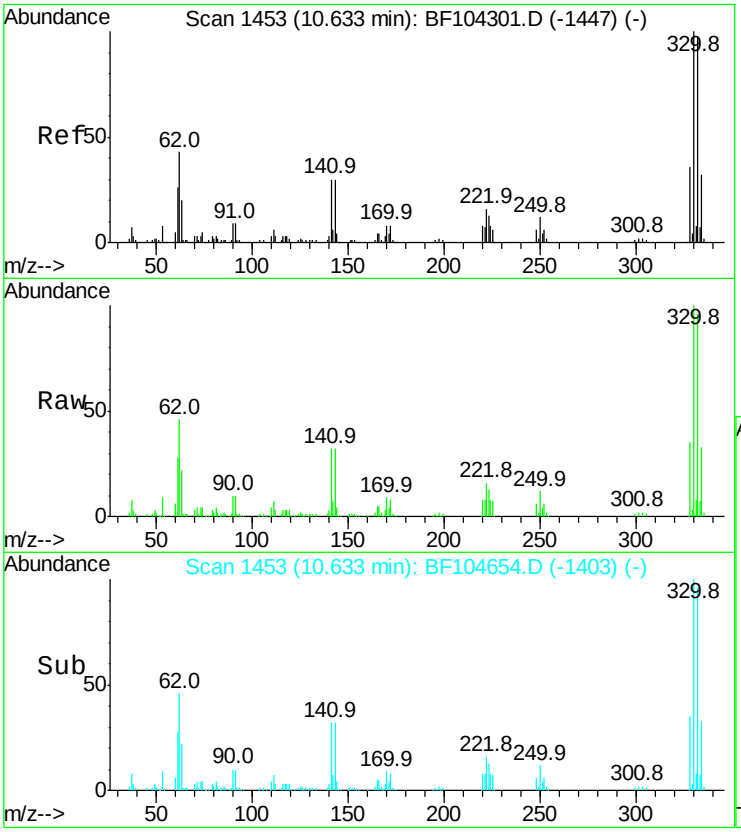


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104654.D
Acq: 20 Apr 2018 2:54

Tgt Ion:164 Resp: 201786

Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.1	129.1
160	46.8	38.3	57.5



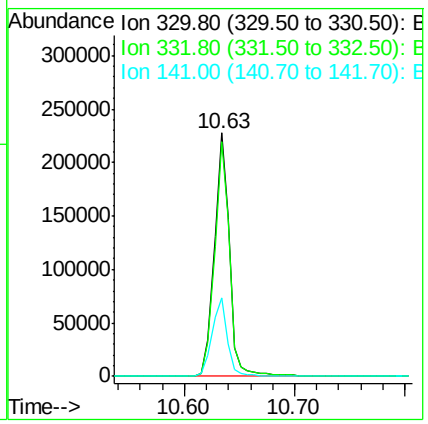


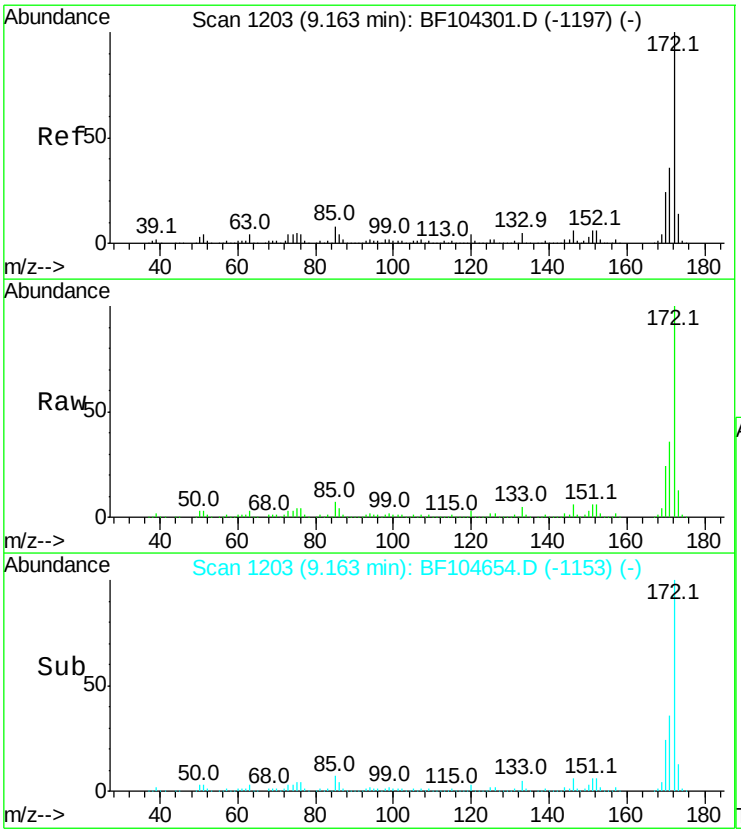
#41
2,4,6-Tribromophenol
Concen: 102.144 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104654.D
Acq: 20 Apr 2018 2:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 213806

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	32.8	29.9	44.9

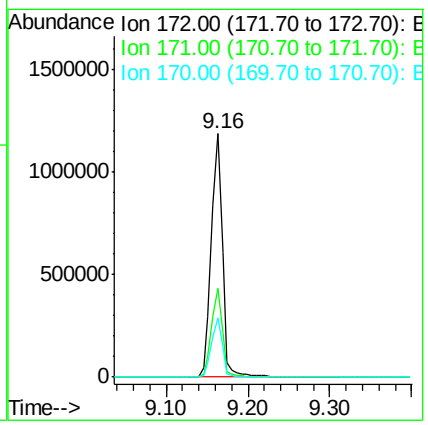


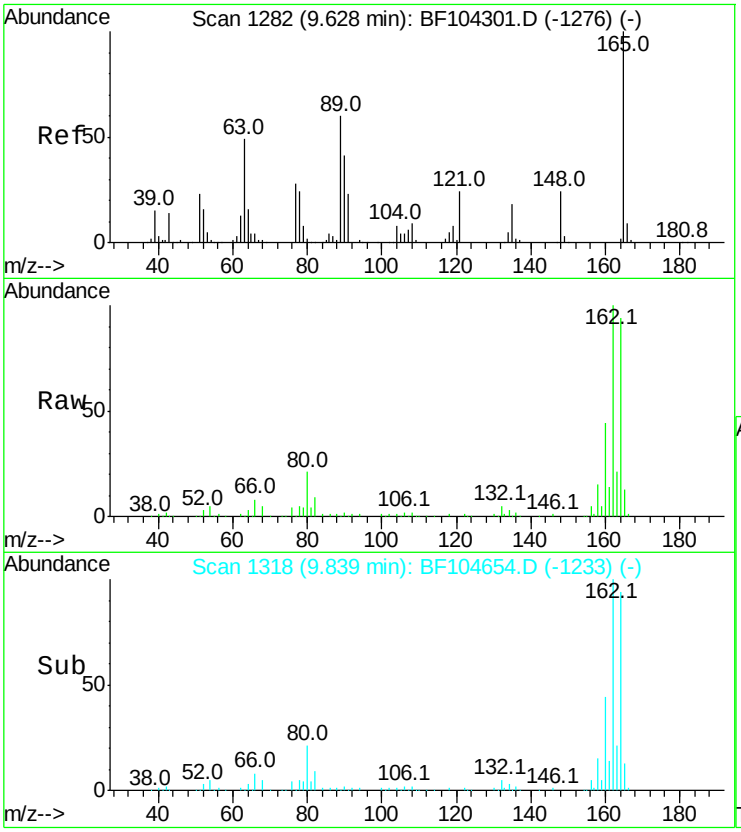


#44
2-Fluorobiphenyl
Concen: 88.112 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104654.D
Acq: 20 Apr 2018 2:54

Tgt Ion:172 Resp: 1125476

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.1	19.6	29.4



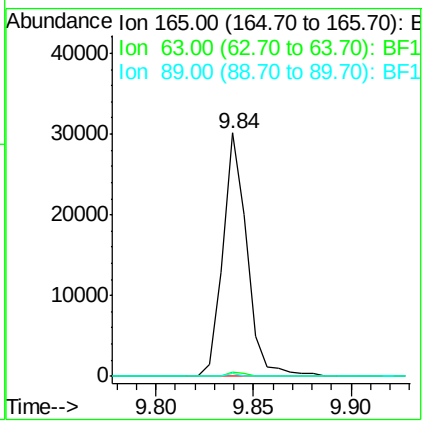


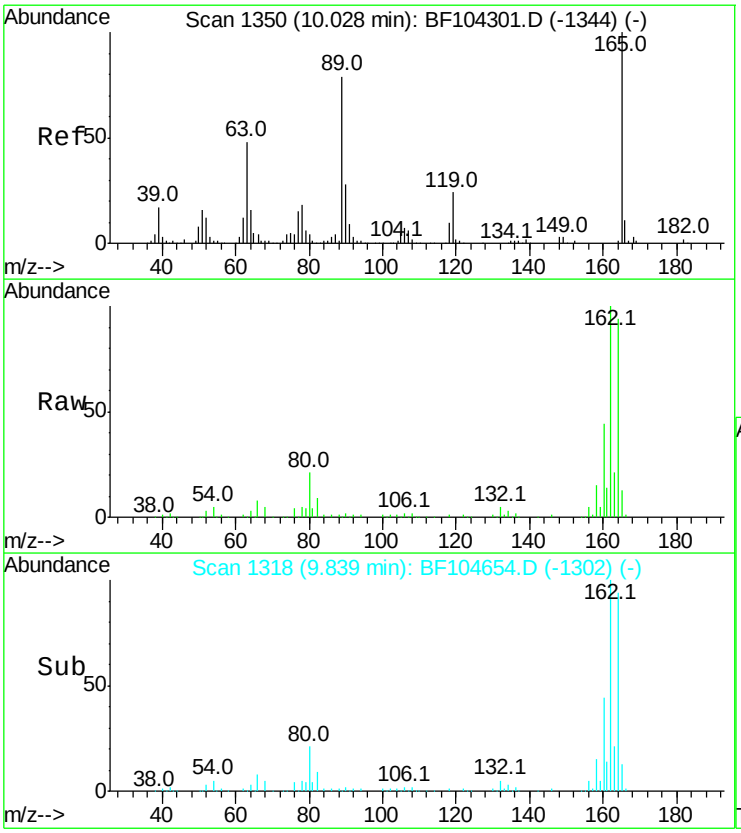
#50
2,6-Dinitrotoluene
Concen: 8.725 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.20 min
Lab File: BF104654.D
Acq: 20 Apr 2018 2:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25689

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.2	44.0	66.0#

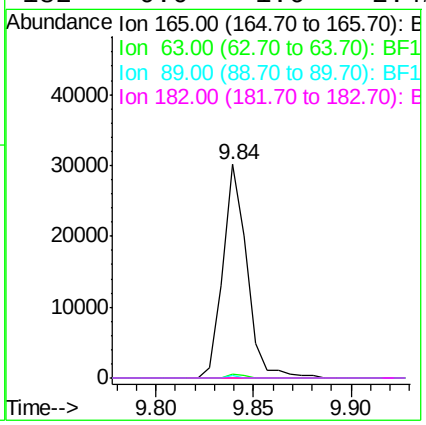


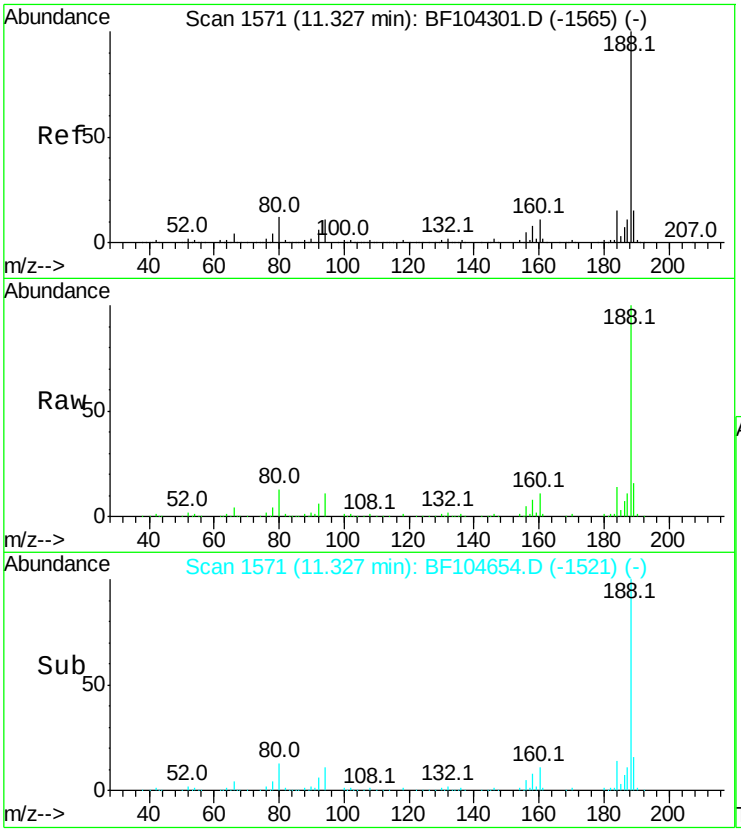


#56
2,4-Dinitrotoluene
Concen: 6.651 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF104654.D
Acq: 20 Apr 2018 2:54

Tgt Ion:165 Resp: 25689

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



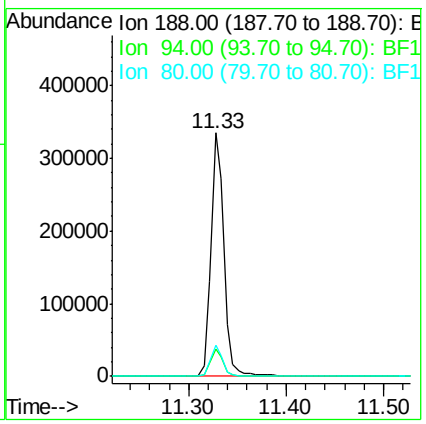


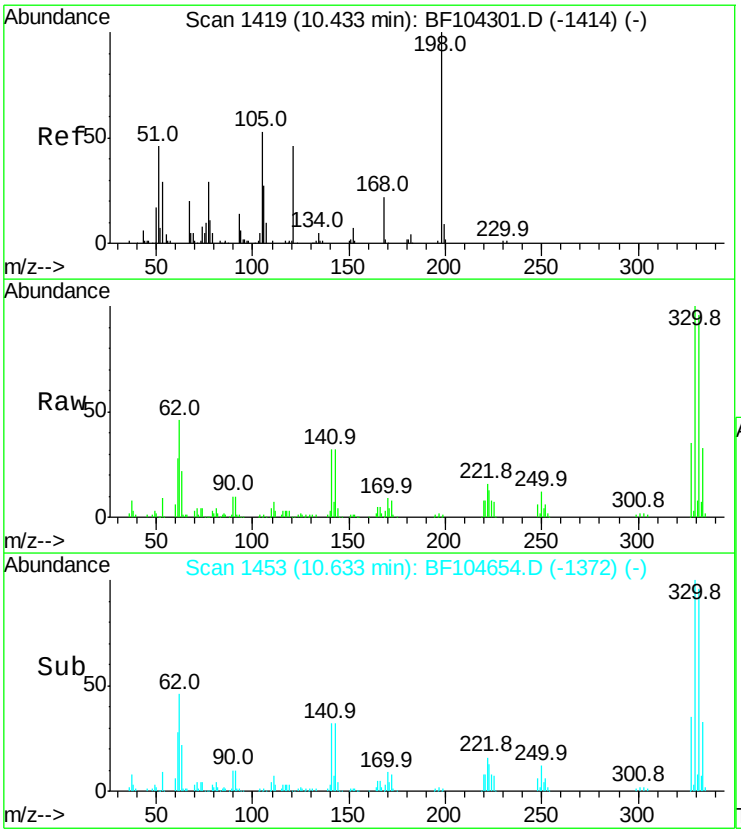
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104654.D
Acq: 20 Apr 2018 2:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 308064

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.6	9.2	13.8

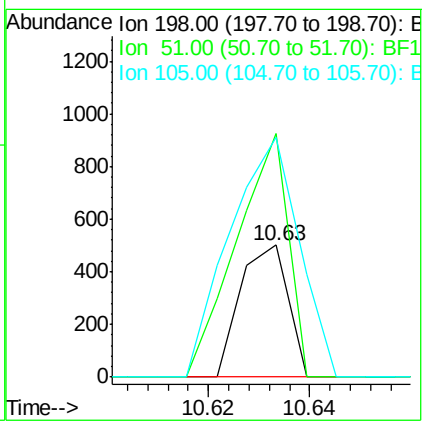


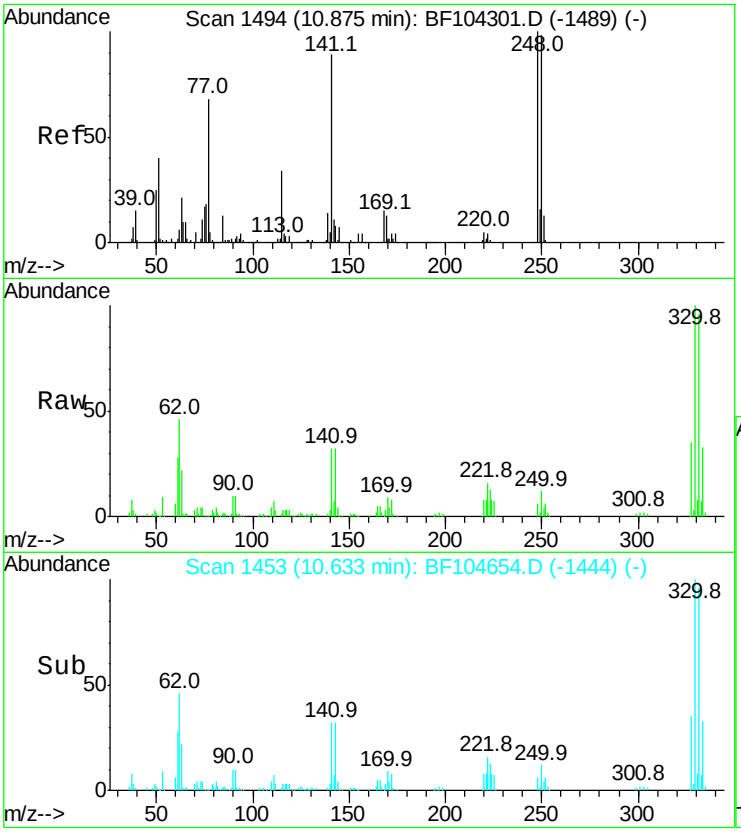


#64
4,6-Dinitro-2-methylphenol
Concen: 7.532 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104654.D
Acq: 20 Apr 2018 2:54

Tgt Ion:198 Resp: 327

Ion	Ratio	Lower	Upper
198	100		
51	184.3	37.7	77.7#
105	181.1	36.3	76.3#



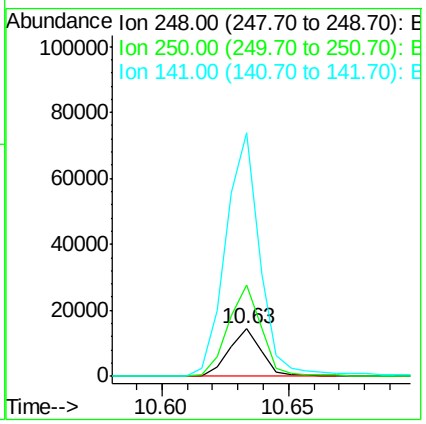


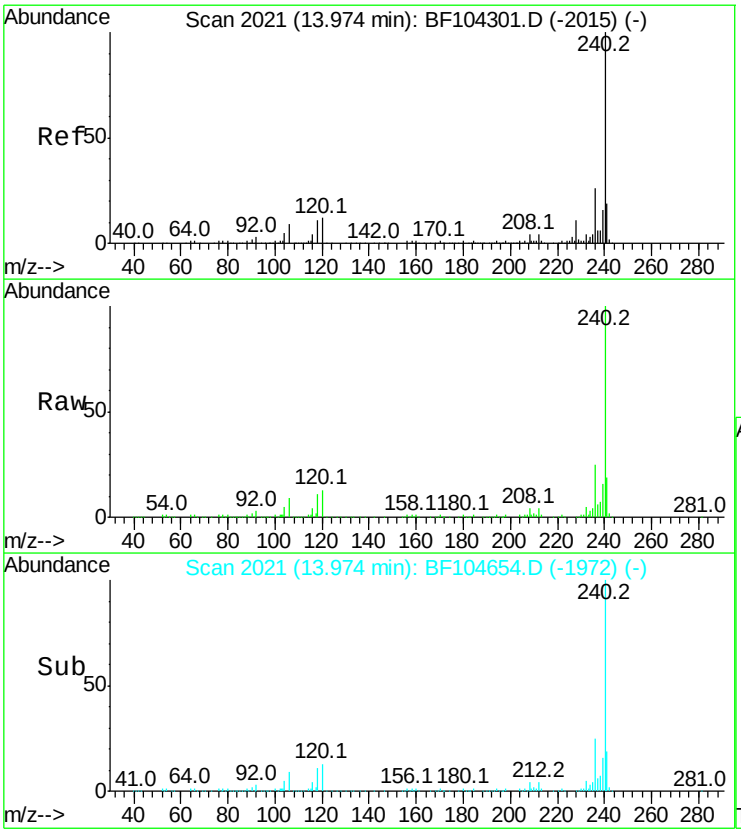
#66
4-Bromophenyl-phenylether
Concen: 3.875 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF104654.D
Acq: 20 Apr 2018 2:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12697

Ion	Ratio	Lower	Upper
248	100		
250	194.3	76.9	115.3#
141	516.0	74.4	111.6#

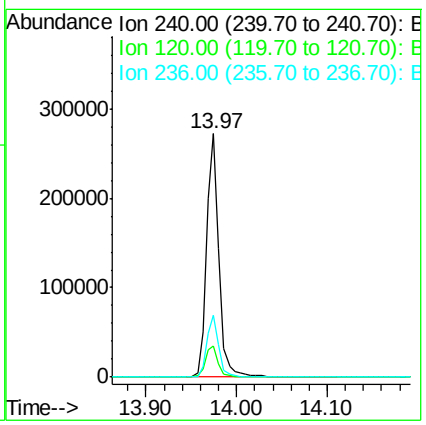


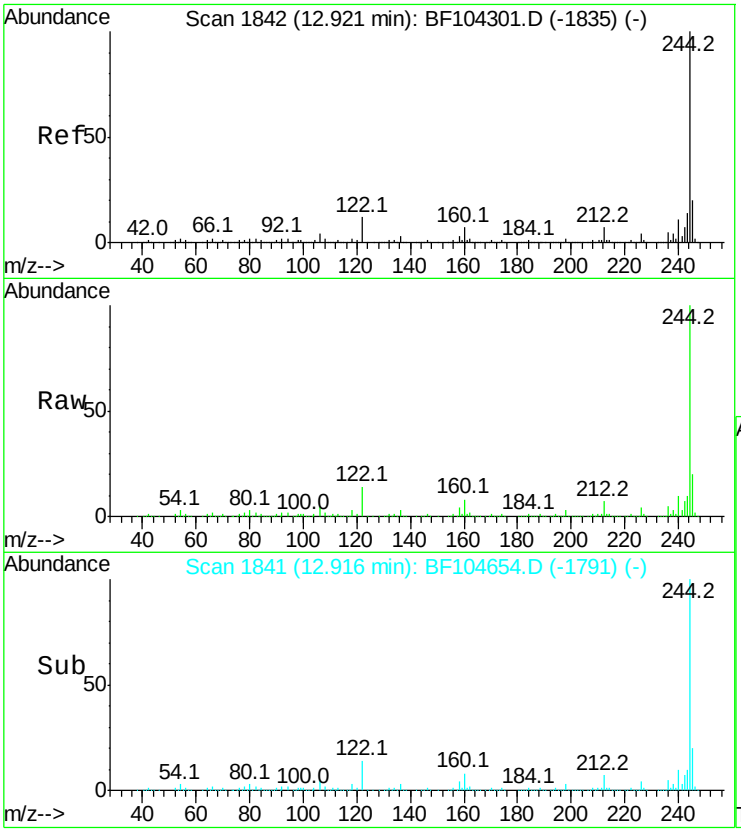


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104654.D
Acq: 20 Apr 2018 2:54

Tgt Ion:240 Resp: 261769

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	25.2	20.7	31.1



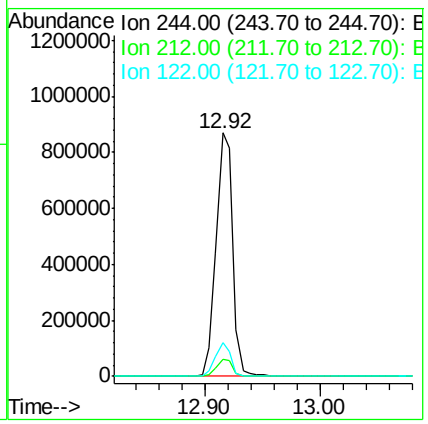


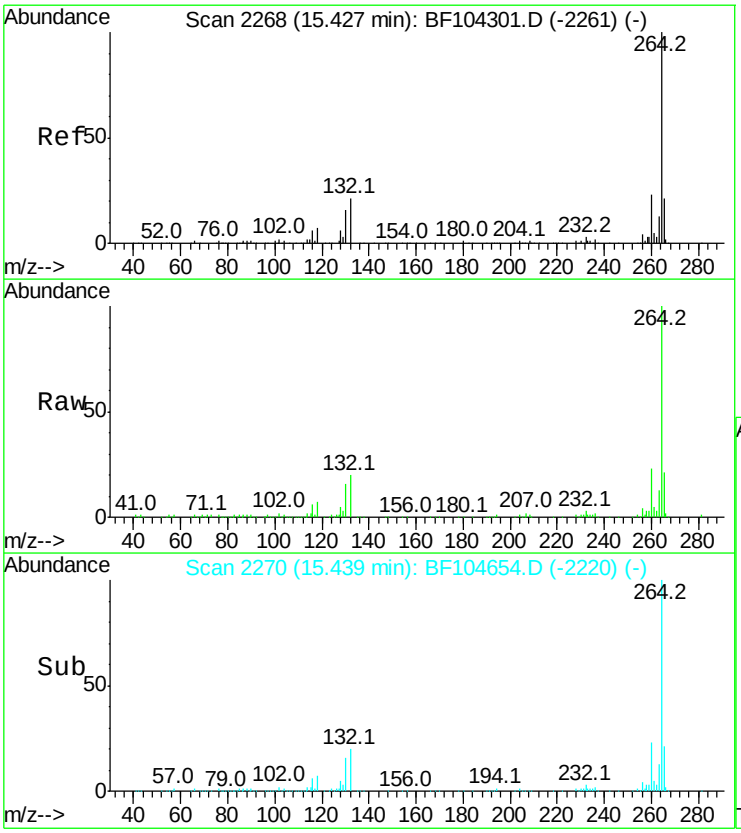
#78
Terphenyl-d14
Concen: 75.336 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104654.D
Acq: 20 Apr 2018 2:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 865003

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.7	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: BF104654.D
Acq: 20 Apr 2018 2:54

Tgt Ion:264 Resp: 221240

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.2	17.5	26.3