Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104324.D
Acq On : 6 Apr 2018 23:42
Operator : JU/SJ
Sample : J2165-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-040518

Quant Time: Apr 07 00:24:16 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	6.80	152	138930	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	551100	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	241678	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	361879	20.00	ng	0.00
75) Chrysene-d12	13.97	240	277580	20.00	ng	0.00
86) Perylene-d12	15.43	264	230382	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	749596	82.50	ng	0.00
7) Phenol-d6	6.43	99	954183	85.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	562033	66.59	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	187159	74.65	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	987457	64.55	ng	0.00
78) Terphenyl-d14	12.92	244	702191	57.67	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	1406	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	72809	9.981	ng	# 73
25) Isophorone	7.37	82	561785	31.478	ng	# 64
49) Dimethylphthalate	9.56	163	72954	3.828	ng	100
50) 2,6-Dinitrotoluene	9.84	165	29891	8.476	ng	# 26
56) 2,4-Dinitrotoluene	9.84	165	29891	6.462	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	336	7.509	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	11406	2.963	ng	# 1
76) Benzidine	12.92	184	9317	Below Cal	#	94

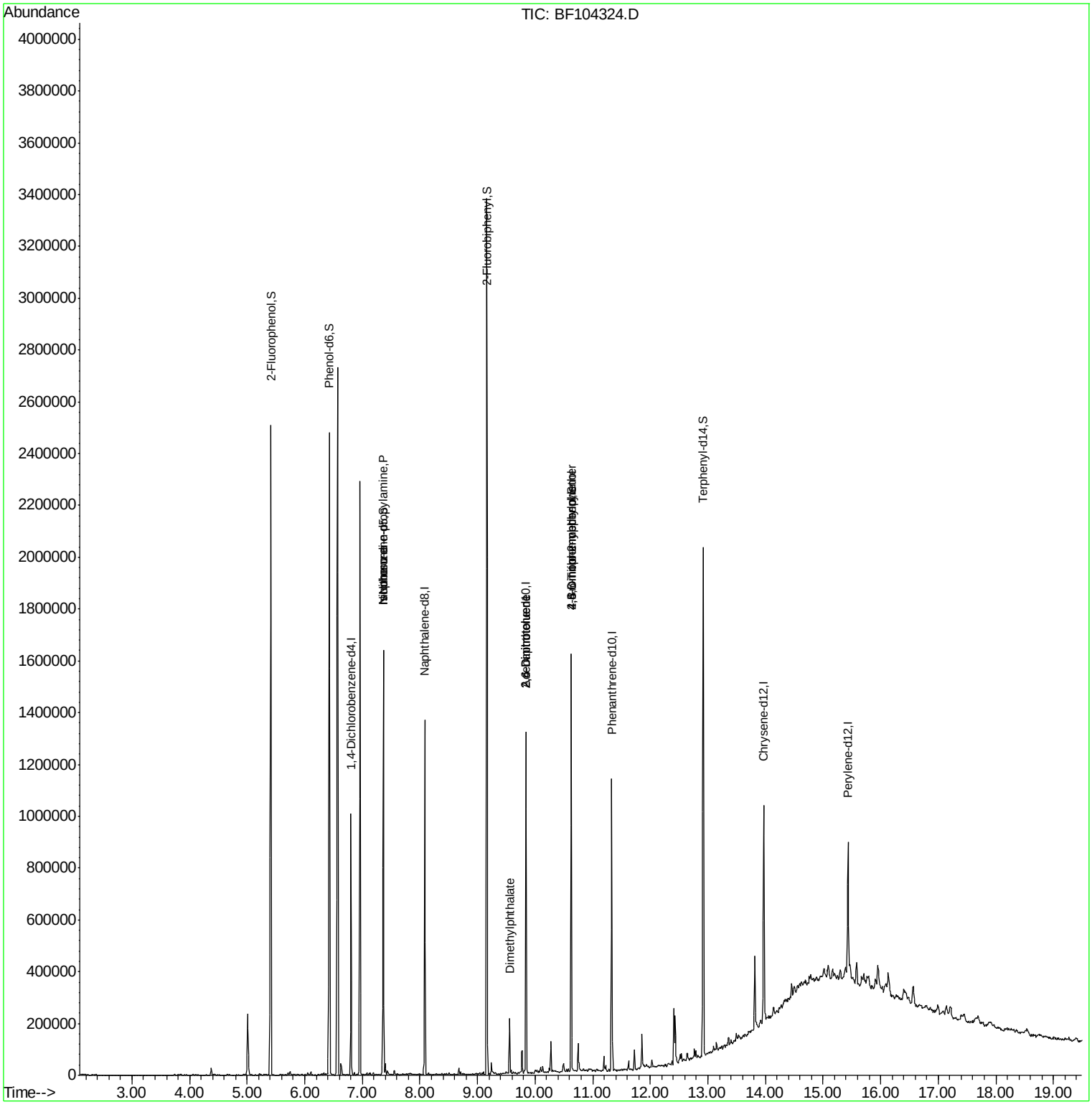
(#) = qualifier out of range (m) = manual integration (+) = signals summed

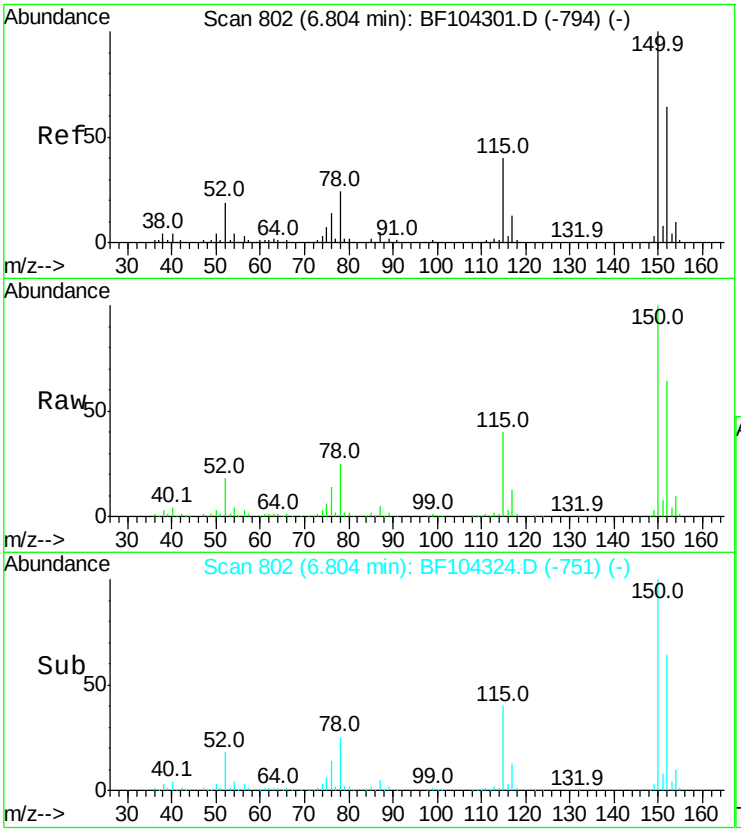
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104324.D
Acq On : 6 Apr 2018 23:42
Operator : JU/SJ
Sample : J2165-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-040518

Quant Time: Apr 07 00:24:16 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



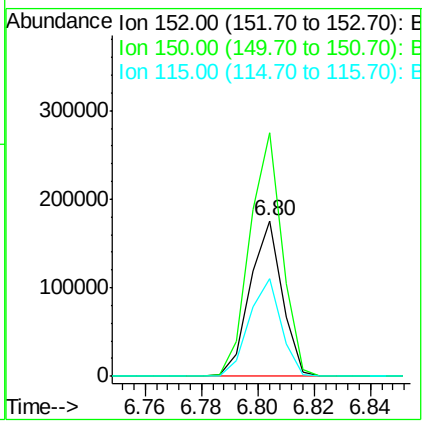


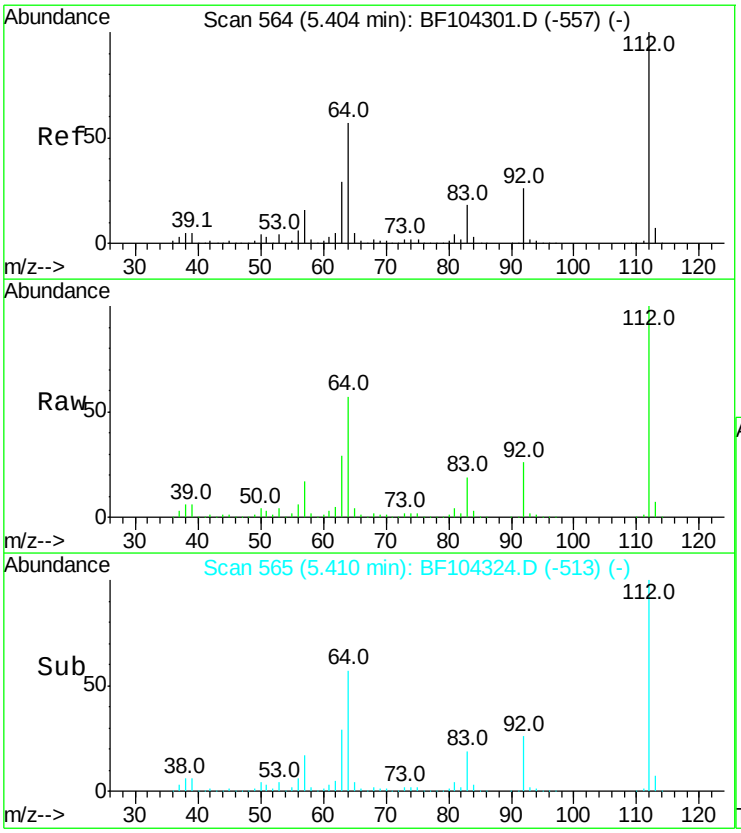
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104324.D
Acq: 6 Apr 2018 23:42

Instrument :
BNA_F
ClientSampleId :
SU-04-040518

Tgt Ion:152 Resp: 138930

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	63.0	50.1	75.1

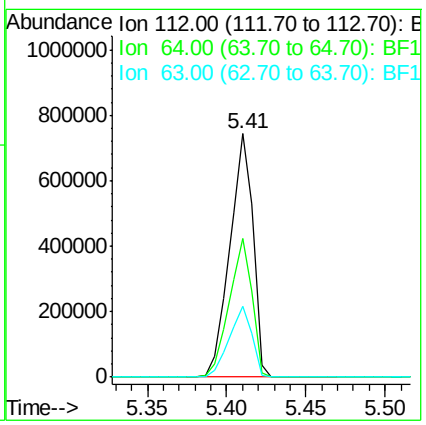


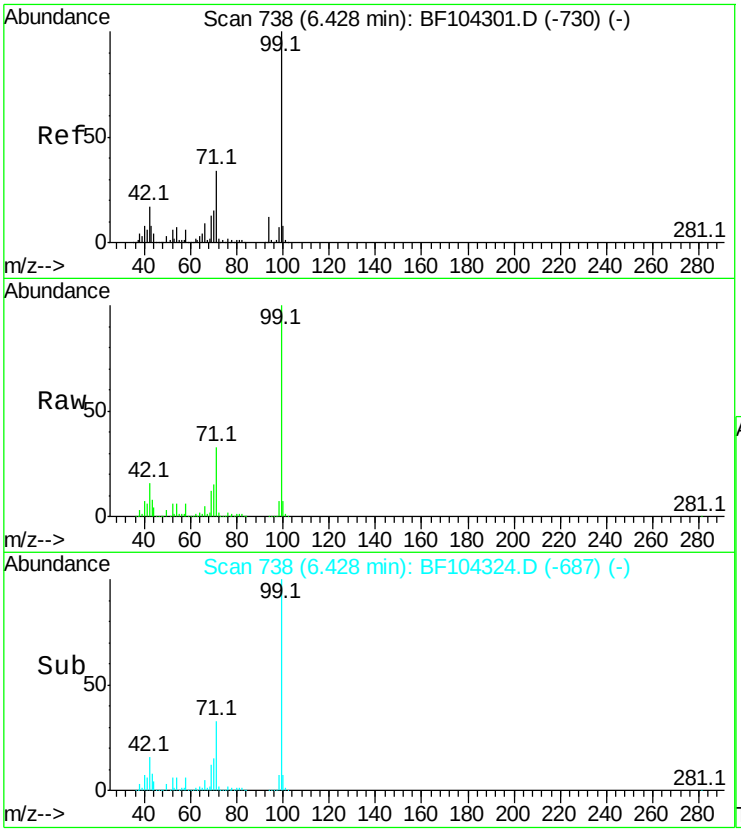


#5
2-Fluorophenol
Concen: 82.500 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104324.D
Acq: 6 Apr 2018 23:42

Tgt Ion:112 Resp: 749596

Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	29.1	23.7	35.5



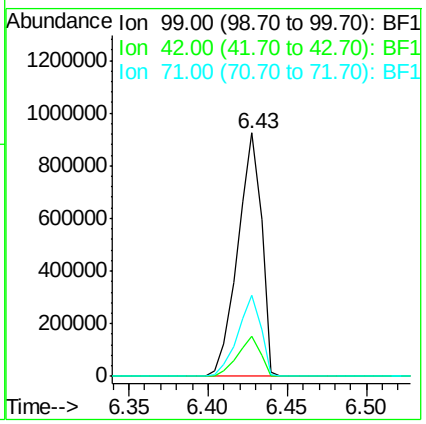


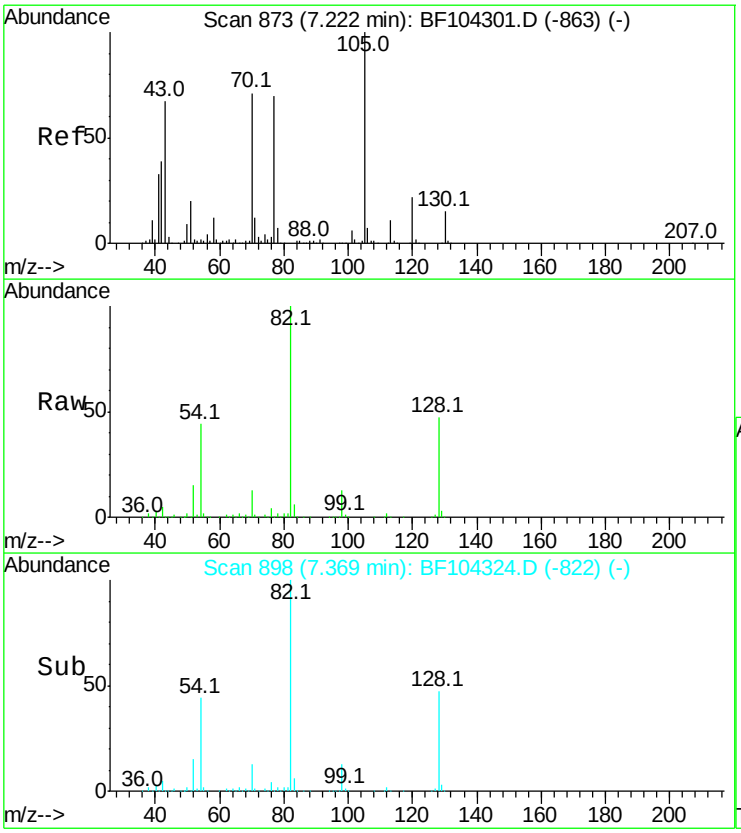
#7
Phenol-d6
Concen: 85.472 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF104324.D
Acq: 6 Apr 2018 23:42

Instrument :
BNA_F
ClientSampleId :
SU-04-040518

Tgt Ion: 99 Resp: 954183

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	33.3	25.4	38.0

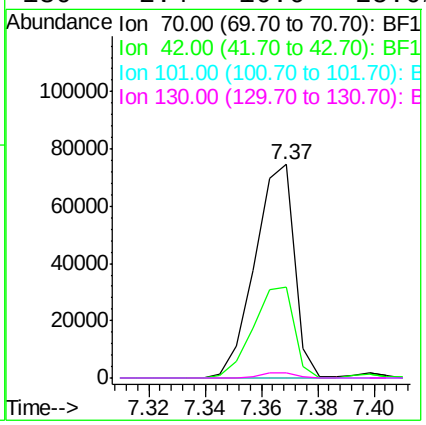


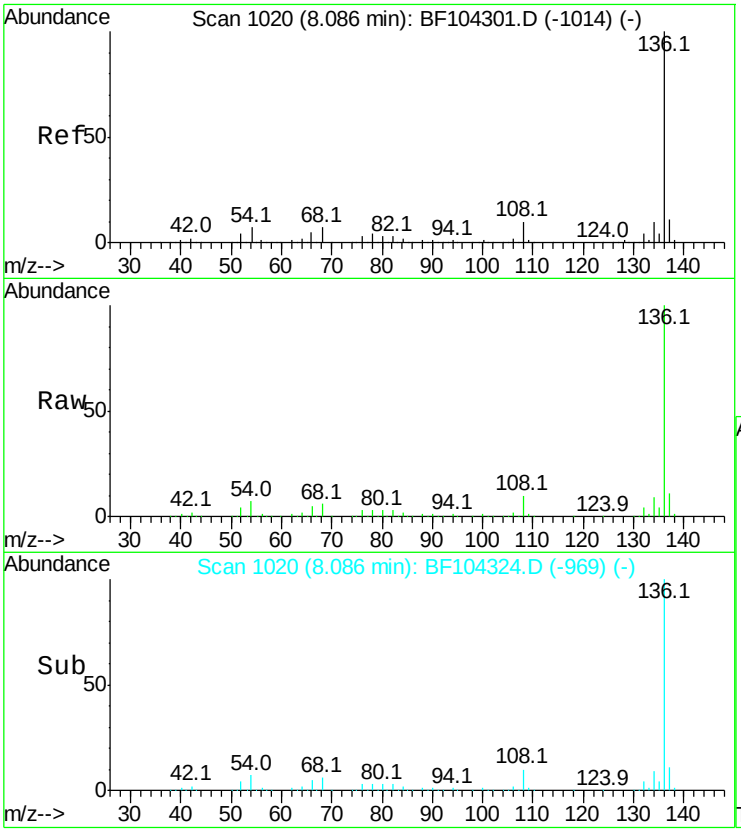


#19
n-Nitroso-di-n-propylamine
Concen: 9.981 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104324.D
Acq: 6 Apr 2018 23:42

Tgt Ion: 70 Resp: 72809

Ion	Ratio	Lower	Upper
70	100		
42	42.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



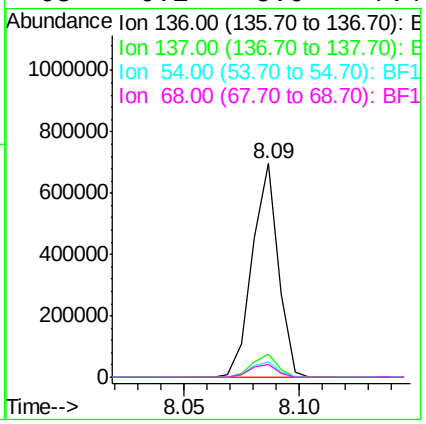


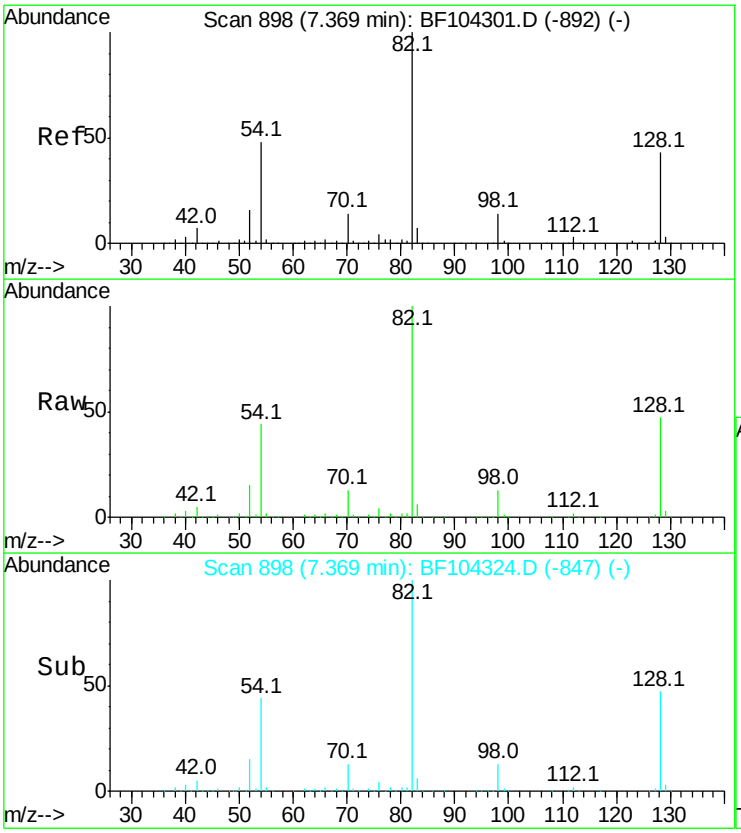
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104324.D
Acq: 6 Apr 2018 23:42

Instrument :
BNA_F
ClientSampleId :
SU-04-040518

Tgt Ion:136 Resp: 551100

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.0	6.6	9.8
68	6.1	5.0	7.4

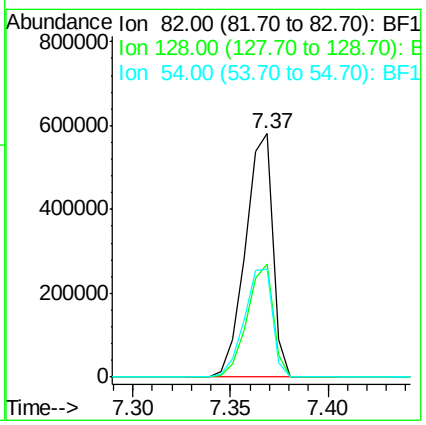


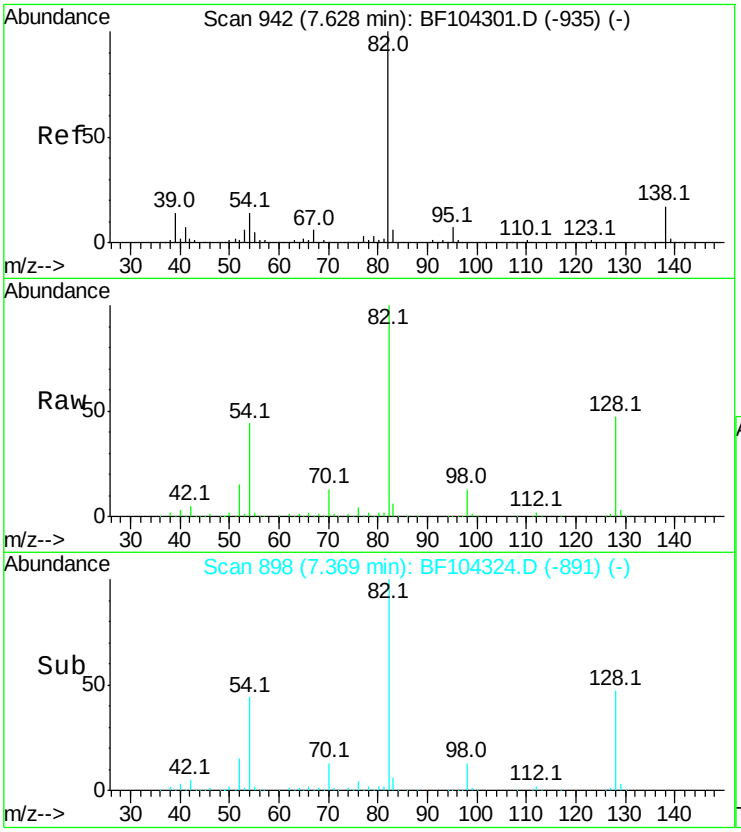


#23
Nitrobenzene-d5
Concen: 66.593 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104324.D
Acq: 6 Apr 2018 23:42

Tgt Ion: 82 Resp: 562033

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	44.2	41.4	62.2



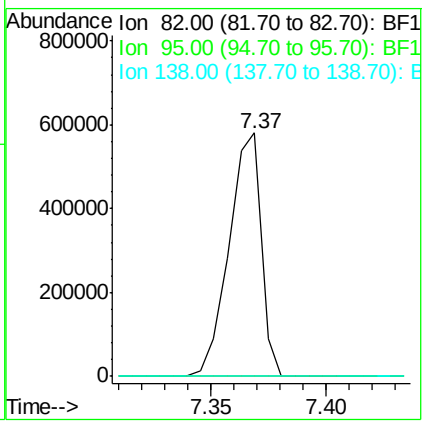


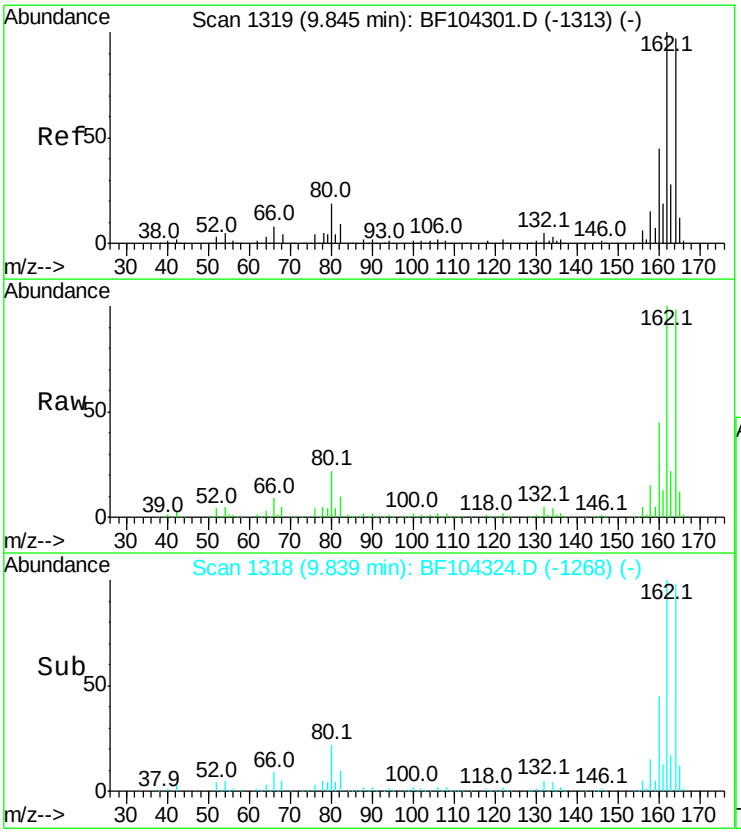
#25
Isophorone
Concen: 31.478 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104324.D
Acq: 6 Apr 2018 23:42

Instrument :
BNA_F
ClientSampleId :
SU-04-040518

Tgt Ion: 82 Resp: 561785

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

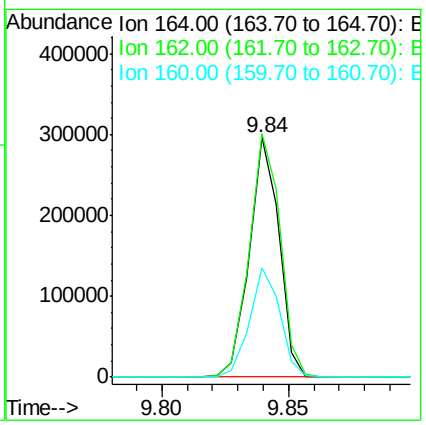


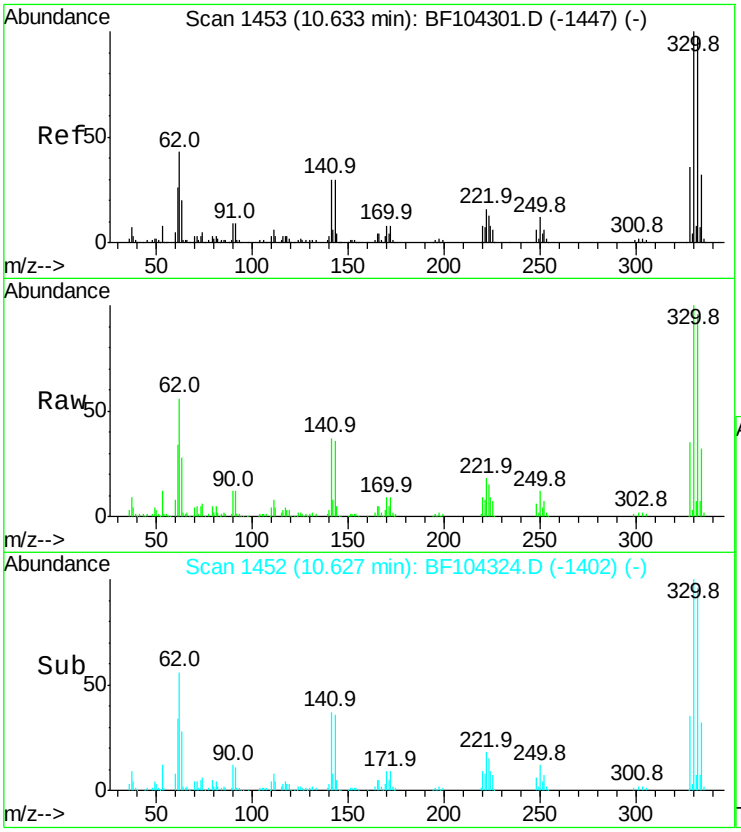


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104324.D
Acq: 6 Apr 2018 23:42

Tgt Ion:164 Resp: 241678

Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	45.7	38.3	57.5



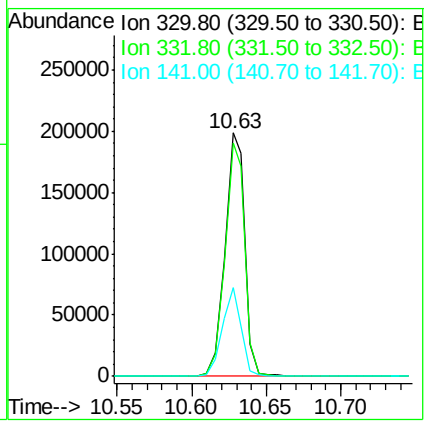


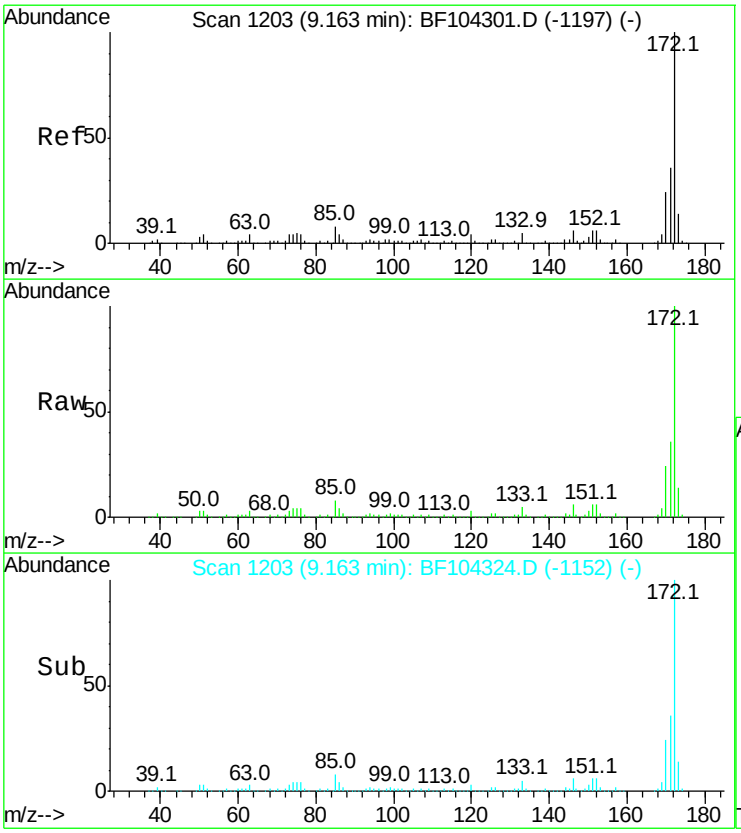
#41
2,4,6-Tribromophenol
Concen: 74.655 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF104324.D
Acq: 6 Apr 2018 23:42

Instrument :
BNA_F
ClientSampleId :
SU-04-040518

Tgt Ion:330 Resp: 187159

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	34.5	29.9	44.9

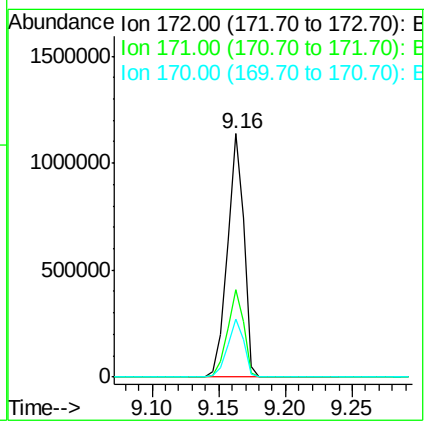


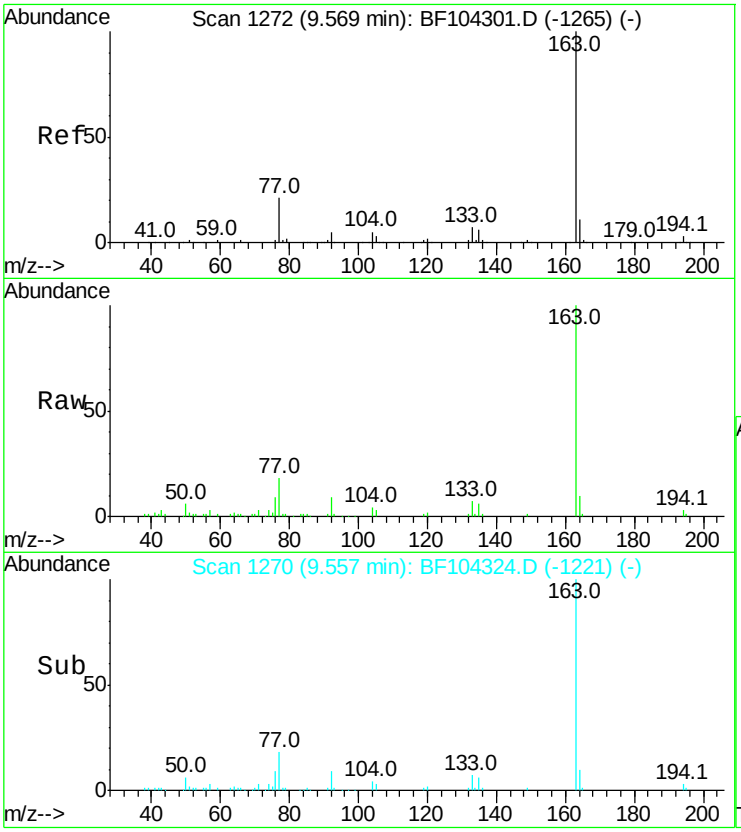


#44
2-Fluorobiphenyl
Concen: 64.546 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF104324.D
Acq: 6 Apr 2018 23:42

Tgt Ion:172 Resp: 987457

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	19.6	29.4



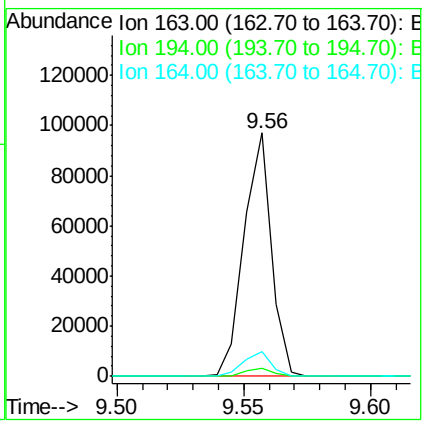


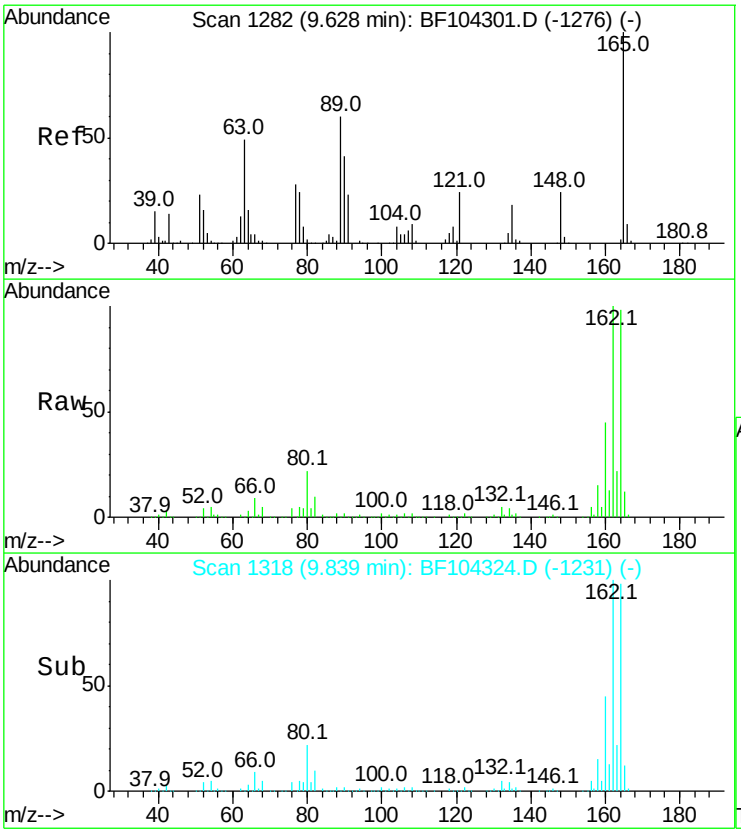
#49
Dimethylphthalate
Concen: 3.828 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104324.D
Acq: 6 Apr 2018 23:42

Instrument :
BNA_F
ClientSampleId :
SU-04-040518

Tgt Ion:163 Resp: 72954

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.0	8.2	12.2

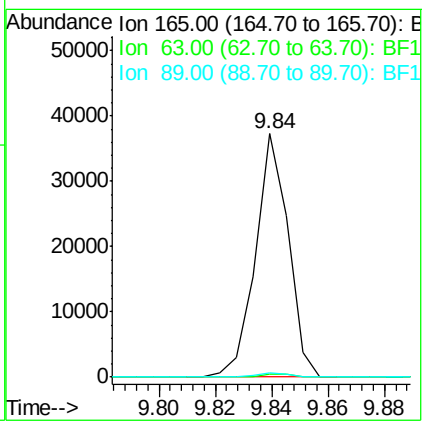


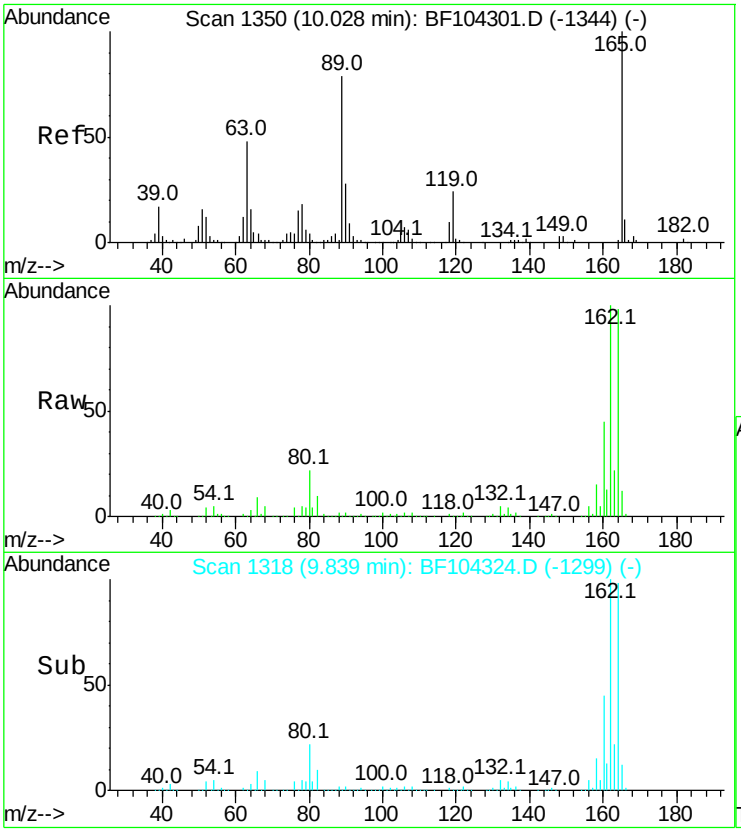


#50
2,6-Dinitrotoluene
Concen: 8.476 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF104324.D
Acq: 6 Apr 2018 23:42

Tgt Ion:165 Resp: 29891

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	44.0	66.0#



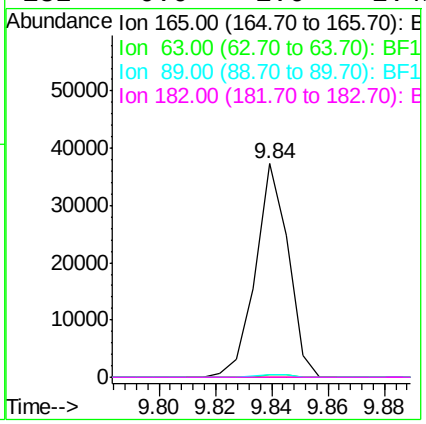


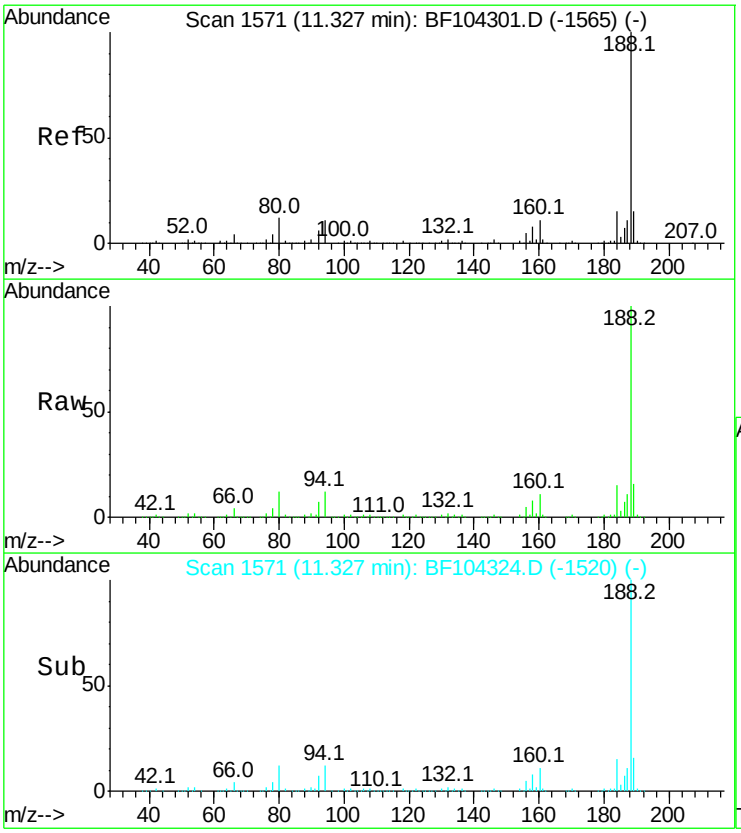
#56
2,4-Dinitrotoluene
Concen: 6.462 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.19 min
Lab File: BF104324.D
Acq: 6 Apr 2018 23:42

Instrument :
BNA_F
ClientSampleId :
SU-04-040518

Tgt Ion:165 Resp: 29891

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

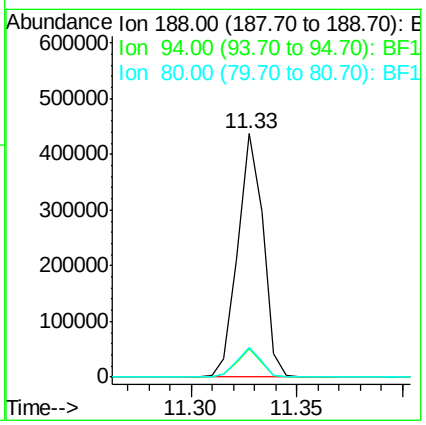


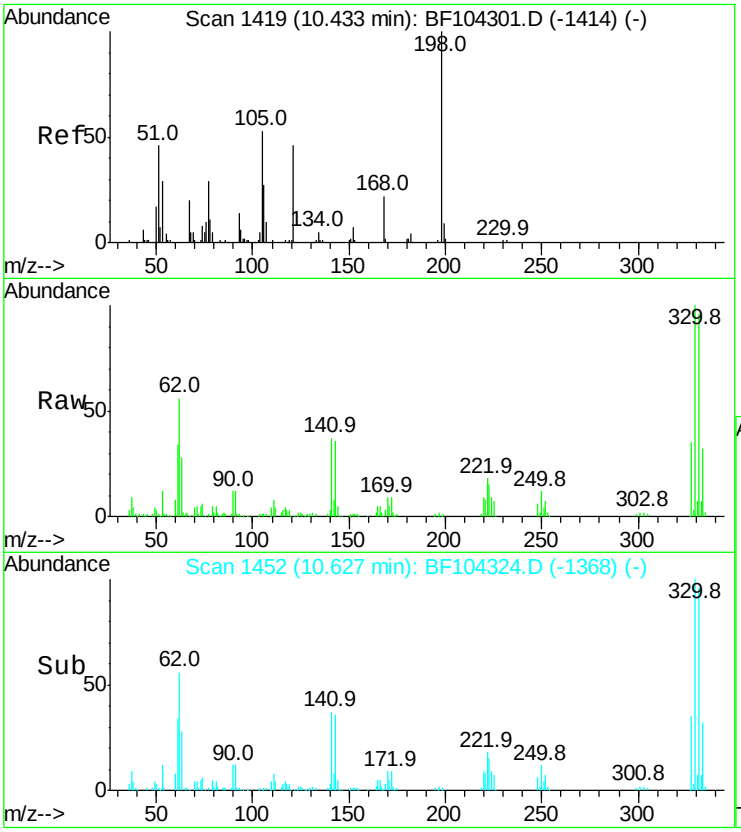


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF104324.D
Acq: 6 Apr 2018 23:42

Tgt Ion:188 Resp: 361879

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.0	9.2	13.8



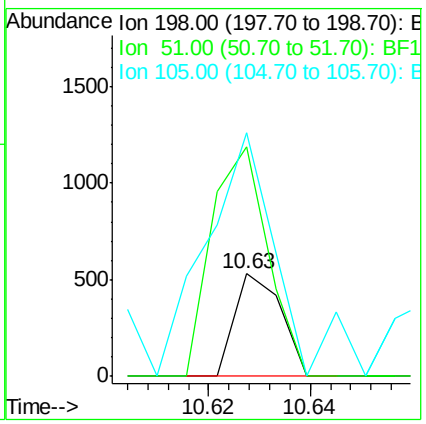


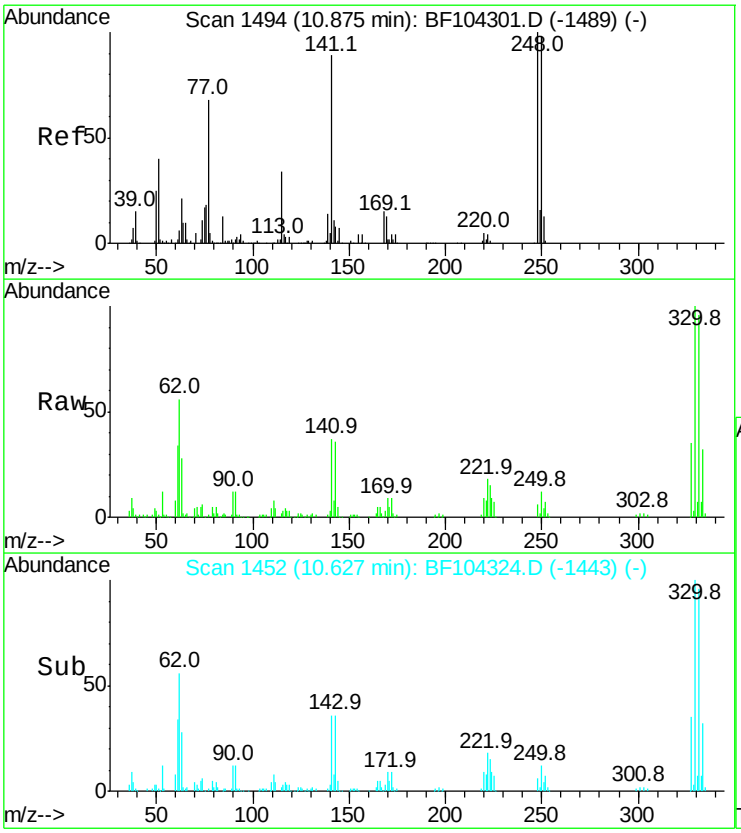
#64
4,6-Dinitro-2-methylphenol
Concen: 7.509 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.19 min
Lab File: BF104324.D
Acq: 6 Apr 2018 23:42

Instrument :
BNA_F
ClientSampleId :
SU-04-040518

Tgt Ion:198 Resp: 336

Ion	Ratio	Lower	Upper
198	100		
51	223.7	37.7	77.7#
105	237.3	36.3	76.3#

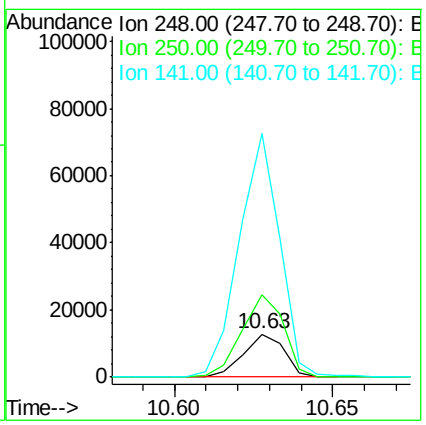


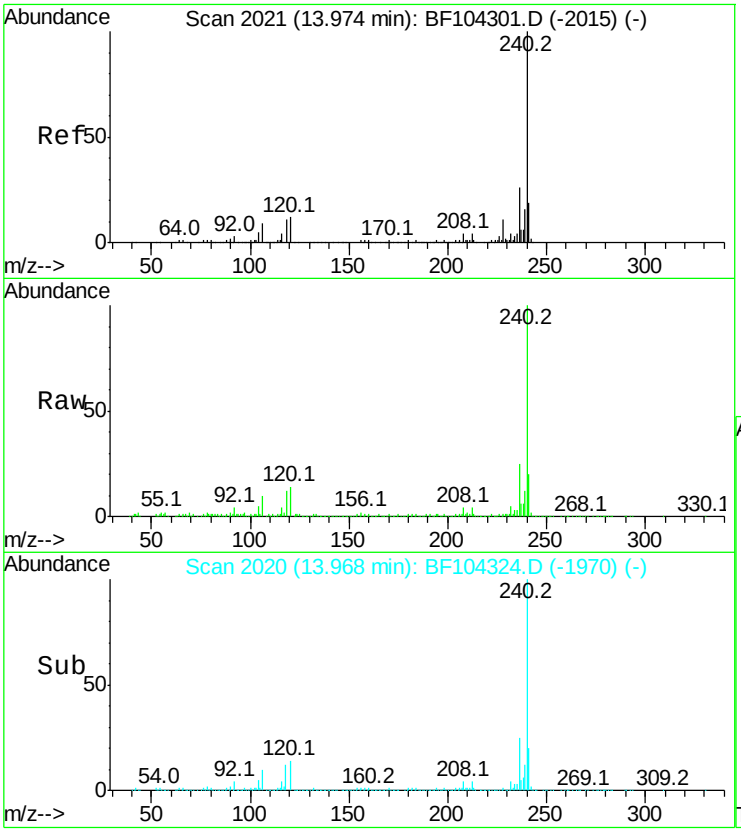


#66
4-Bromophenyl-phenylether
Concen: 2.963 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF104324.D
Acq: 6 Apr 2018 23:42

Tgt Ion:248 Resp: 11406

Ion	Ratio	Lower	Upper
248	100		
250	191.1	76.9	115.3#
141	564.8	74.4	111.6#



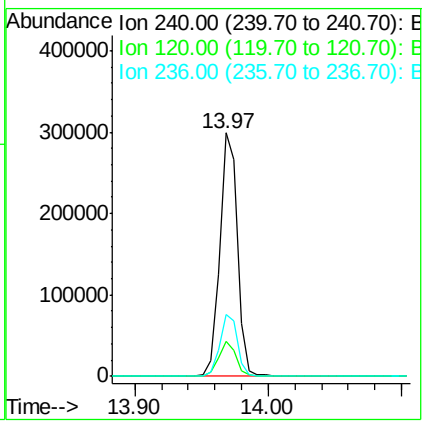


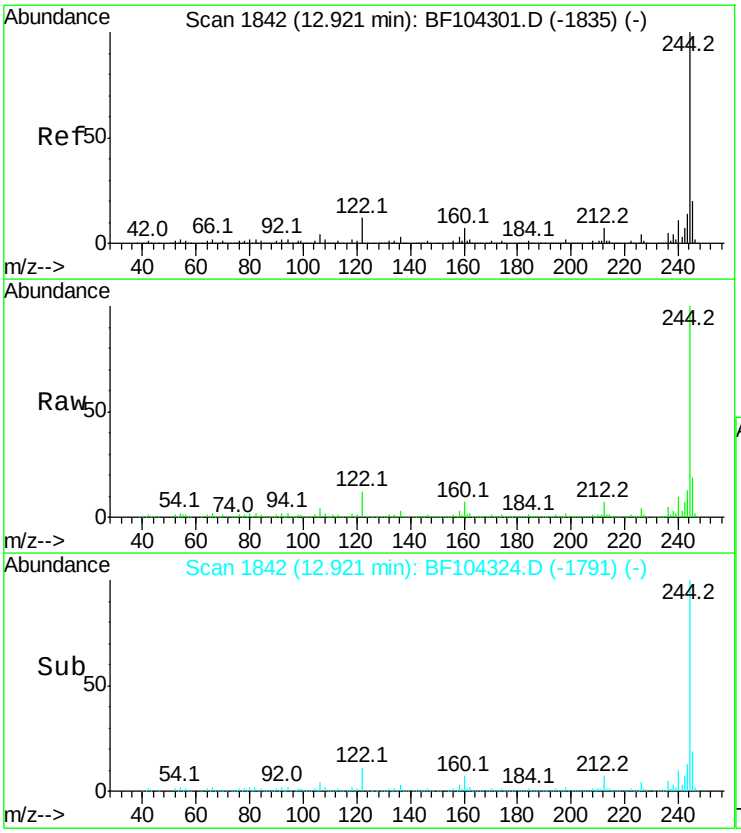
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104324.D
Acq: 6 Apr 2018 23:42

Instrument :
BNA_F
ClientSampleId :
SU-04-040518

Tgt Ion:240 Resp: 277580

Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	25.4	20.7	31.1

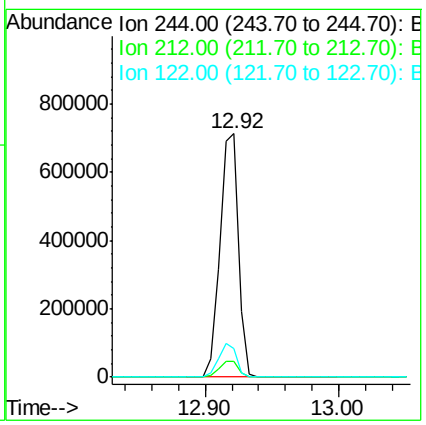


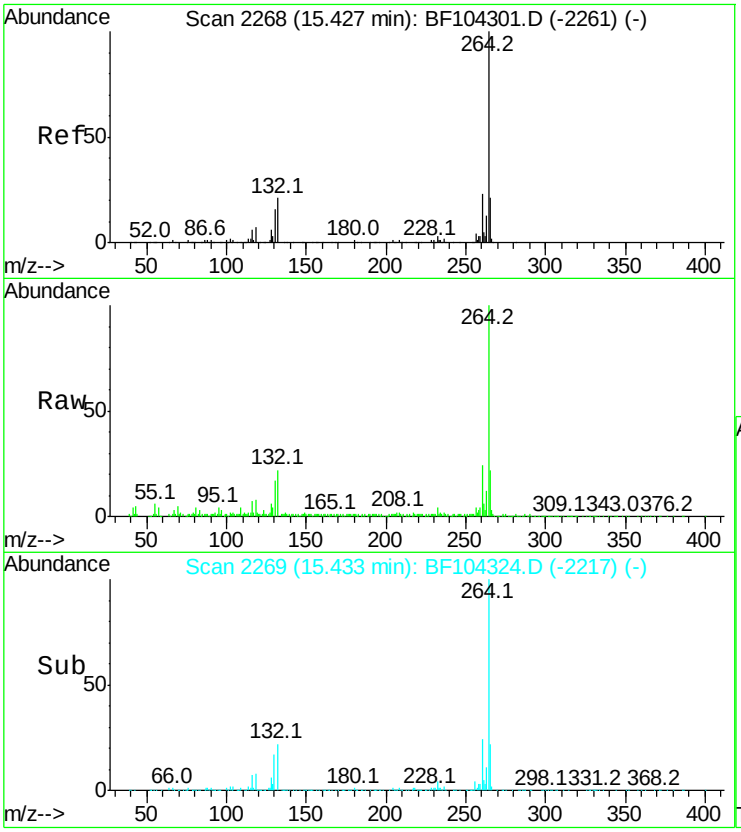


#78
Terphenyl-d14
Concen: 57.673 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104324.D
Acq: 6 Apr 2018 23:42

Tgt Ion:244 Resp: 702191

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: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF104324.D
Acq: 6 Apr 2018 23:42

Instrument :
BNA_F
ClientSampleId :
SU-04-040518

Tgt Ion:264 Resp: 230382

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.5	17.5	26.3