Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104649.D
Acq On : 20 Apr 2018 00:42
Operator : JU/SJ
Sample : J2455-41
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 20 02:22:23 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	131578	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	531233	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	220816	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	337074	20.00	ng	0.00
75) Chrysene-d12	13.97	240	269531	20.00	ng	-0.01
86) Perylene-d12	15.44	264	220471	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	923962	107.37	ng	0.01
7) Phenol-d6	6.45	99	1163043	110.00	ng	0.00
23) Nitrobenzene-d5	7.37	82	729221	89.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	247014	107.84	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1240352	88.74	ng	0.00
78) Terphenyl-d14	12.92	244	914429	77.35	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	1790	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	94568	13.688	ng	# 72
25) Isophorone	7.37	82	729341	42.395	ng	# 64
49) Dimethylphthalate	9.56	163	123096	7.069	ng	99
56) 2,4-Dinitrotoluene	9.84	165	28311	6.699	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	508	7.609	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	14816	4.132	ng	# 1
76) Benzidine	12.92	184	11697	Below Cal	#	95

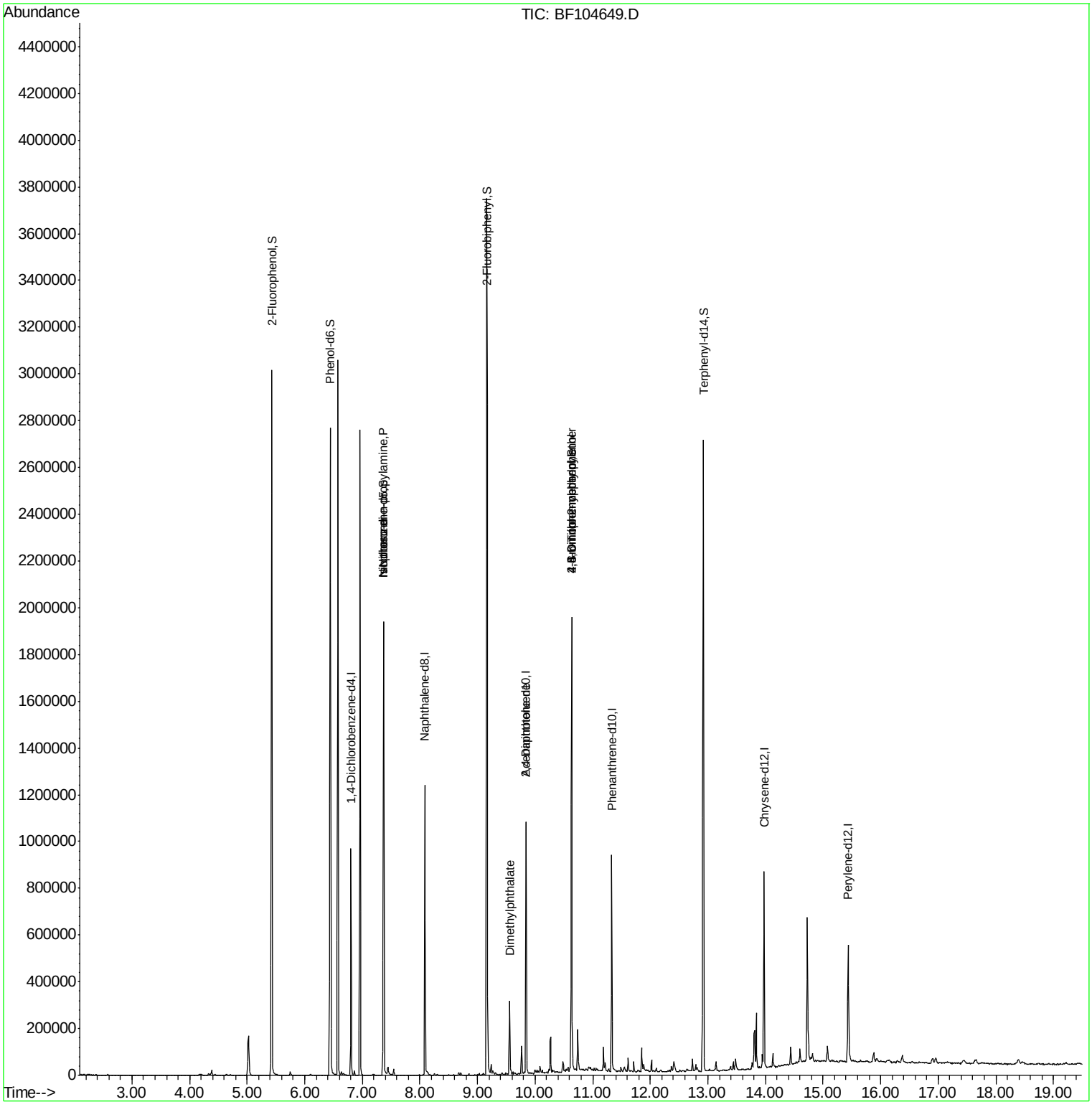
(#) = qualifier out of range (m) = manual integration (+) = signals summed

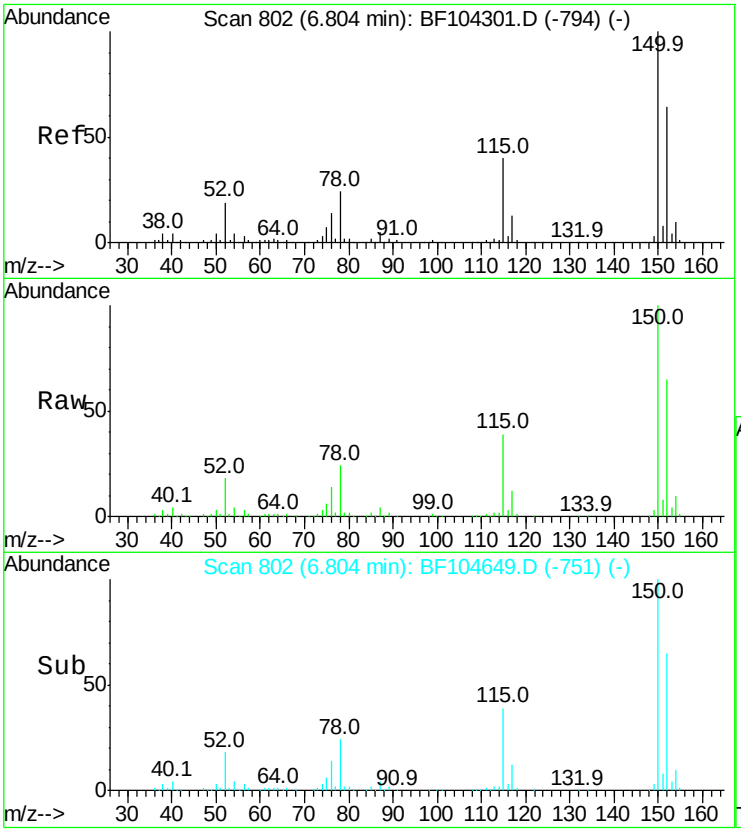
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104649.D
Acq On : 20 Apr 2018 00:42
Operator : JU/SJ
Sample : J2455-41
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 20 02:22:23 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

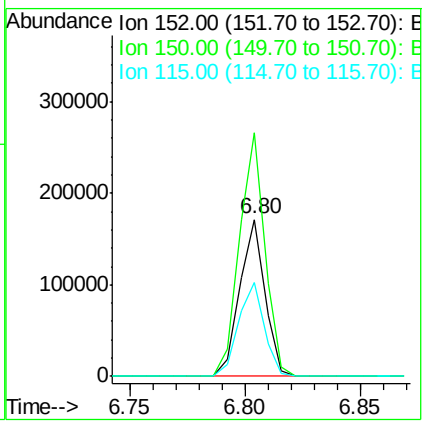




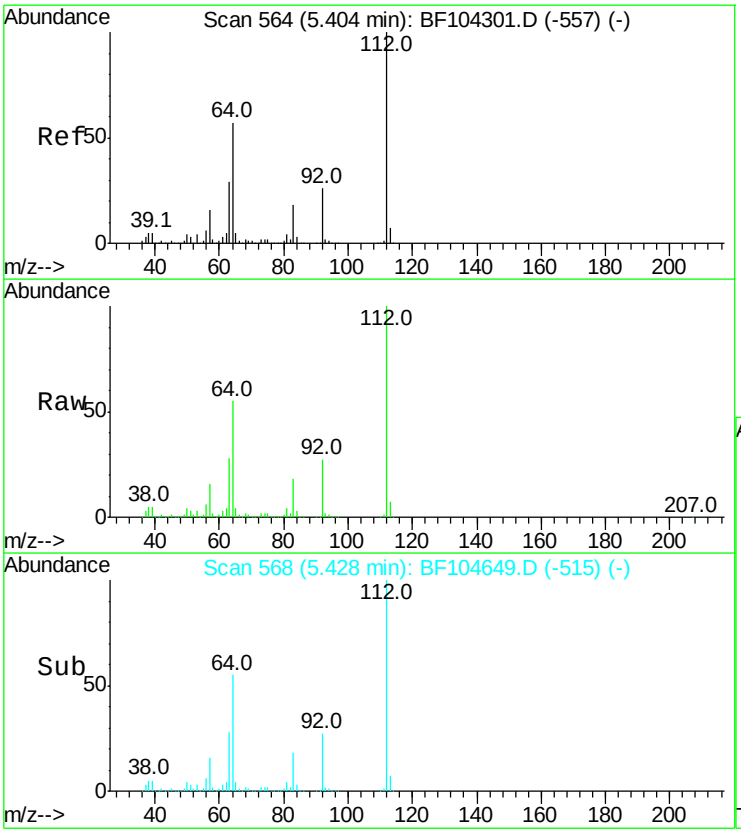
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104649.D
Acq: 20 Apr 2018 00:42

Tgt Ion:152 Resp: 131578

Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	59.9	50.1	75.1



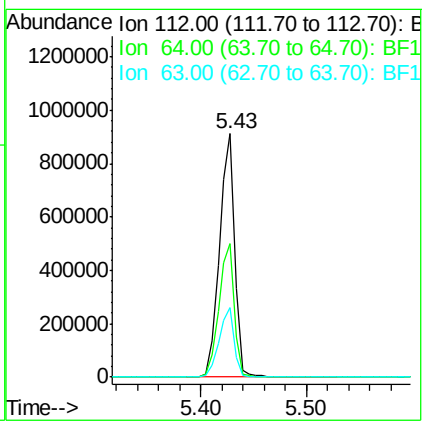
Instrument :
BNA_F
ClientSampleId :

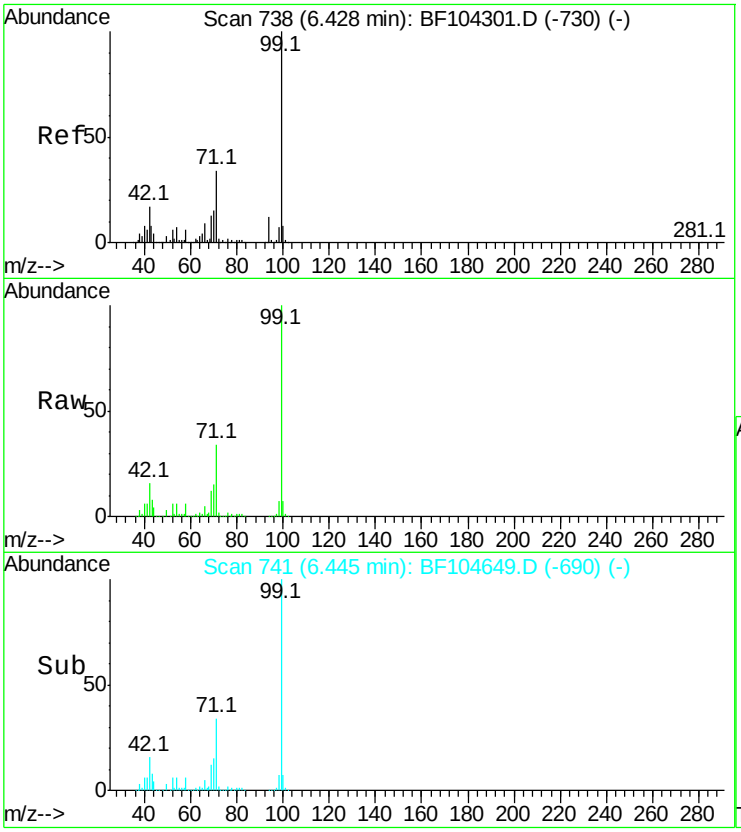


#5
2-Fluorophenol
Concen: 107.373 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104649.D
Acq: 20 Apr 2018 00:42

Tgt Ion:112 Resp: 923962

Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.9	71.9
63	28.4	23.7	35.5



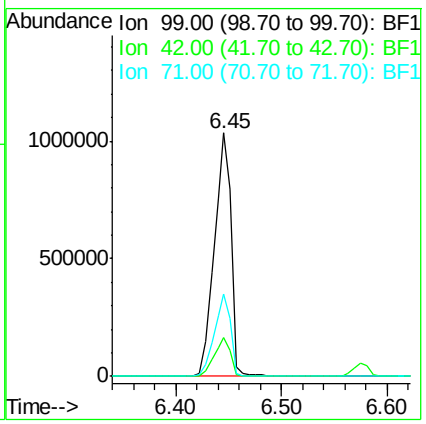


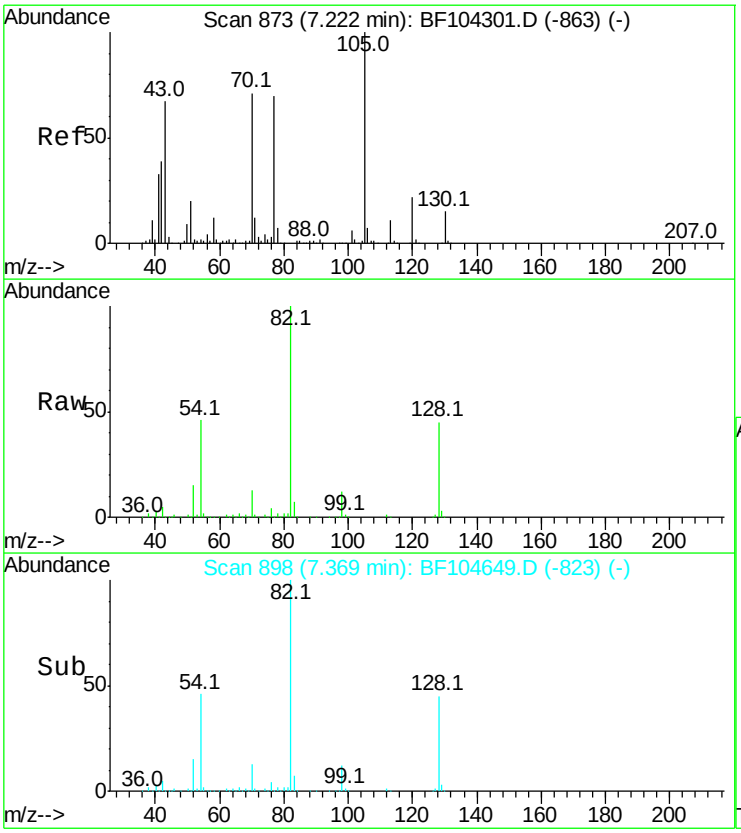
#7
Phenol-d6
Concen: 110.002 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF104649.D
Acq: 20 Apr 2018 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1163043

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.5	21.7
71	34.0	25.4	38.0

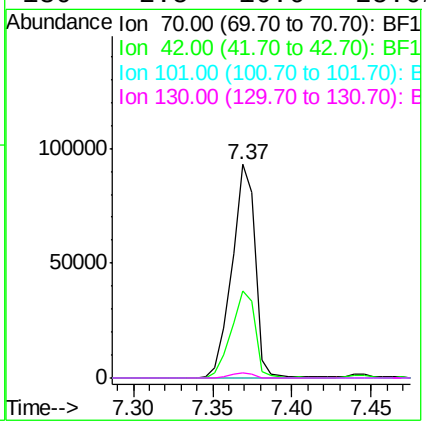


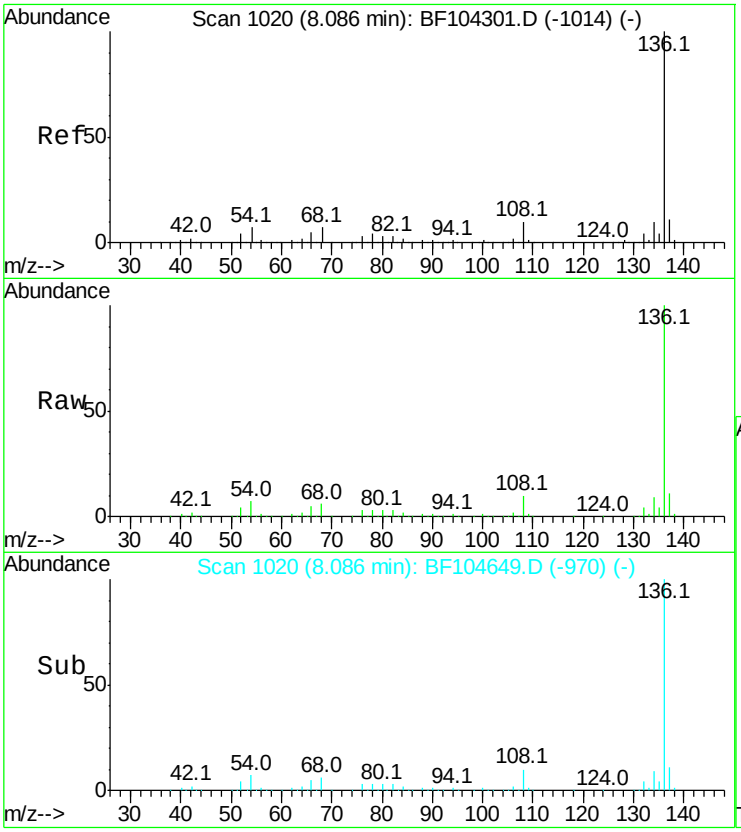


#19
n-Nitroso-di-n-propylamine
Concen: 13.688 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF104649.D
Acq: 20 Apr 2018 00:42

Tgt Ion: 70 Resp: 94568

Ion	Ratio	Lower	Upper
70	100		
42	40.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



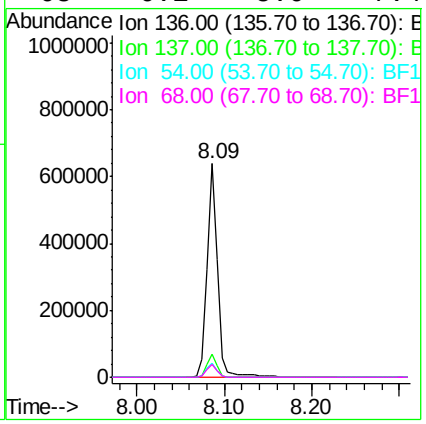


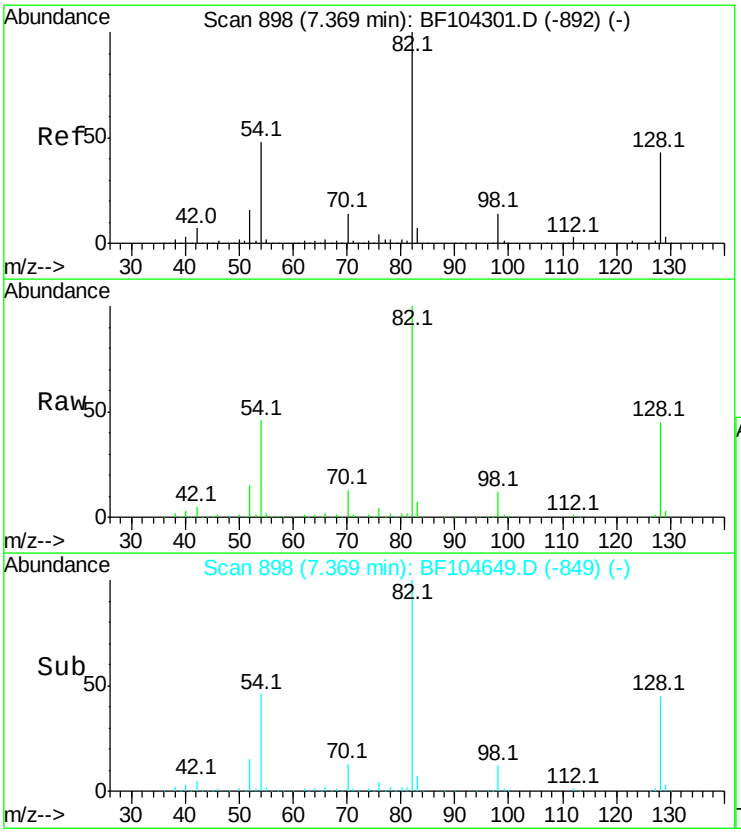
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104649.D
Acq: 20 Apr 2018 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 531233

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.8	6.6	9.8
68	6.1	5.0	7.4

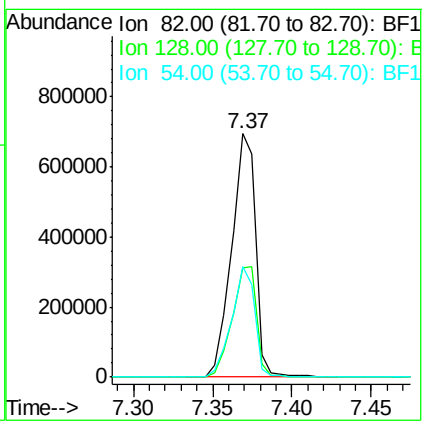


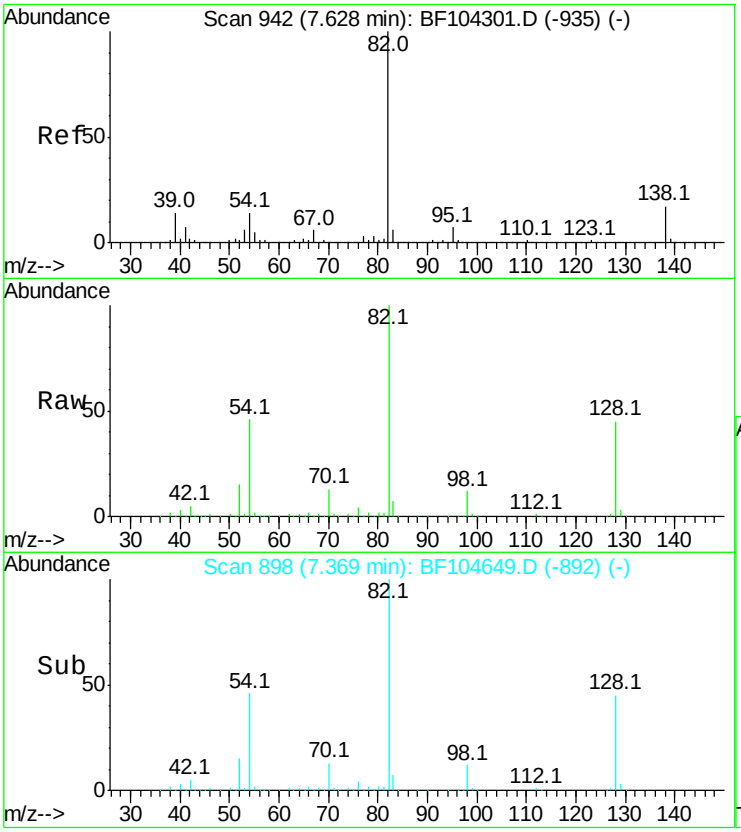


#23
Nitrobenzene-d5
Concen: 89.634 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104649.D
Acq: 20 Apr 2018 00:42

Tgt Ion: 82 Resp: 729221

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	45.5	41.4	62.2



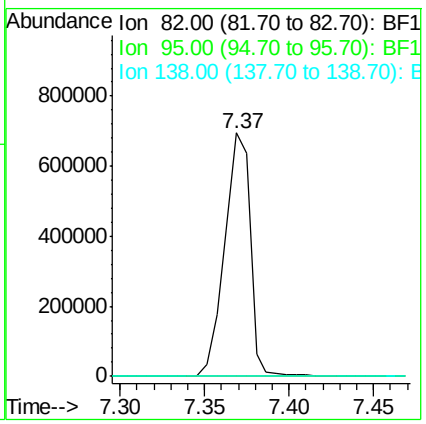


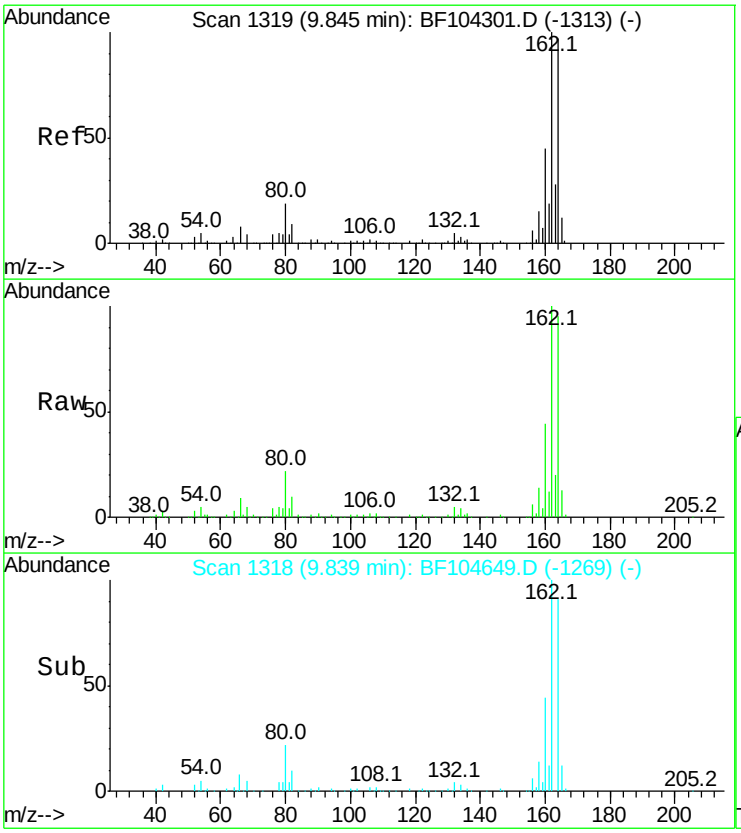
#25
Isophorone
Concen: 42.395 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104649.D
Acq: 20 Apr 2018 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 729341

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

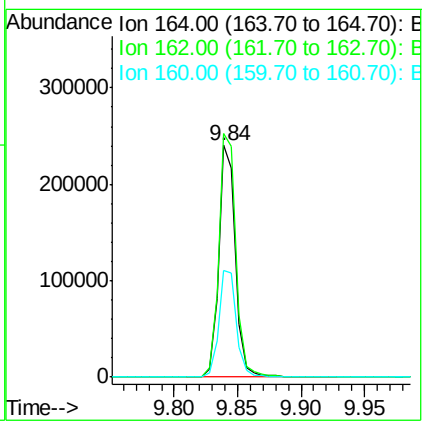


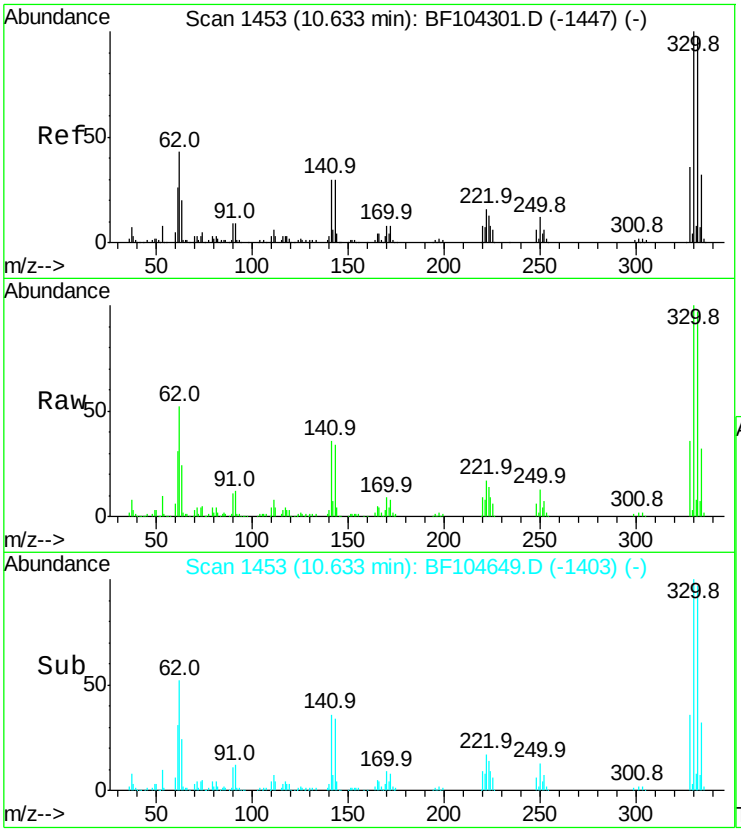


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104649.D
Acq: 20 Apr 2018 00:42

Tgt Ion:164 Resp: 220816

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	45.9	38.3	57.5



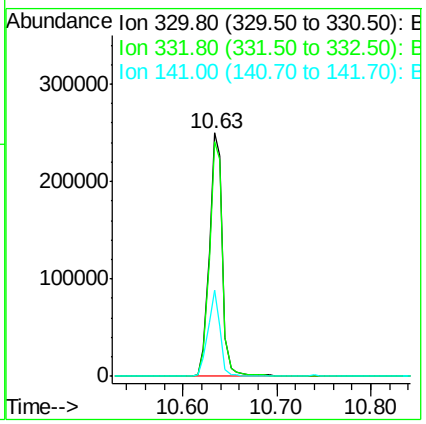


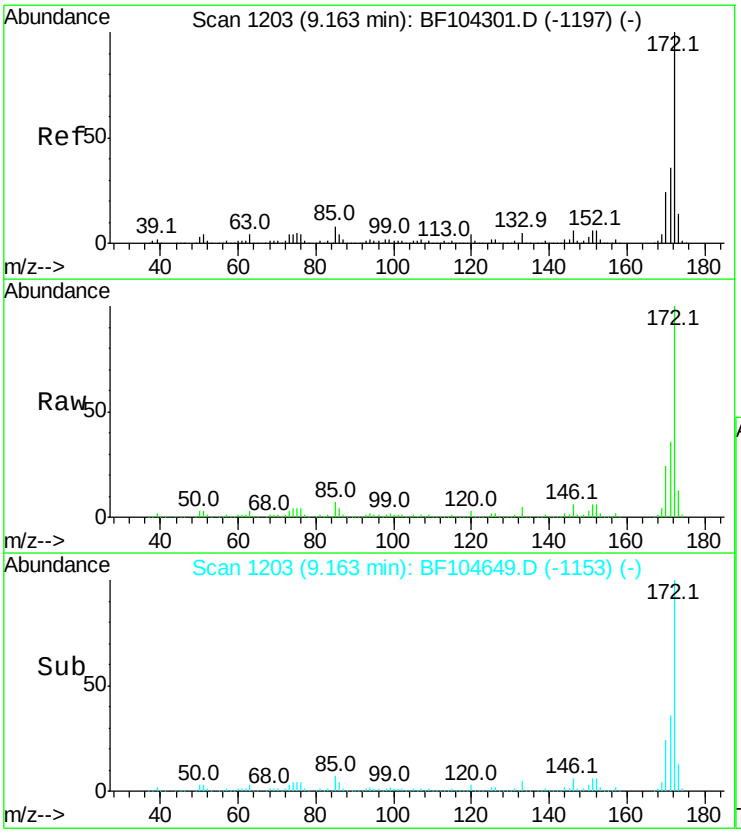
#41
2,4,6-Tribromophenol
Concen: 107.839 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104649.D
Acq: 20 Apr 2018 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 247014

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	33.3	29.9	44.9

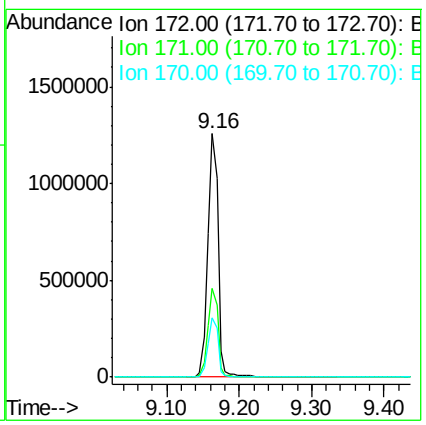


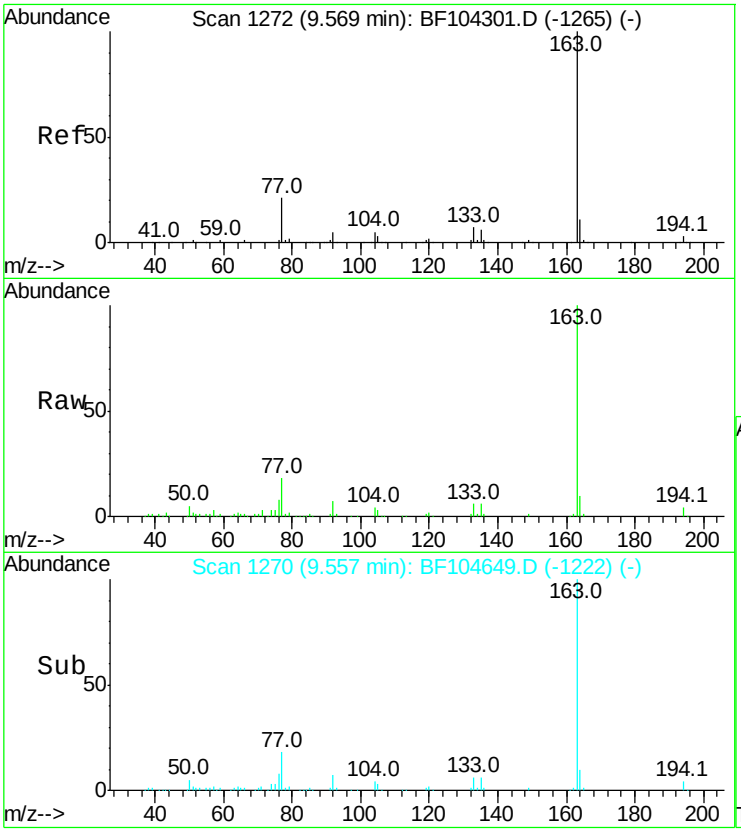


#44
2-Fluorobiphenyl
Concen: 88.737 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104649.D
Acq: 20 Apr 2018 00:42

Tgt Ion:172 Resp: 1240352

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4



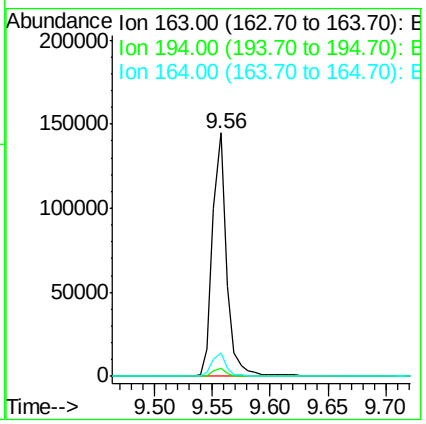


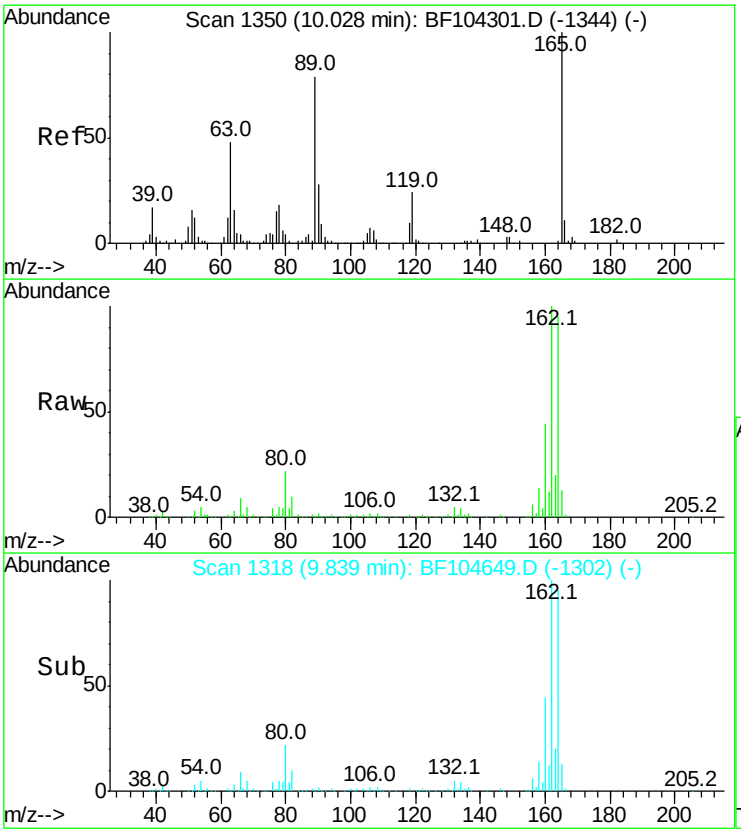
#49
Dimethylphthalate
Concen: 7.069 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104649.D
Acq: 20 Apr 2018 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 123096

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.8	8.2	12.2

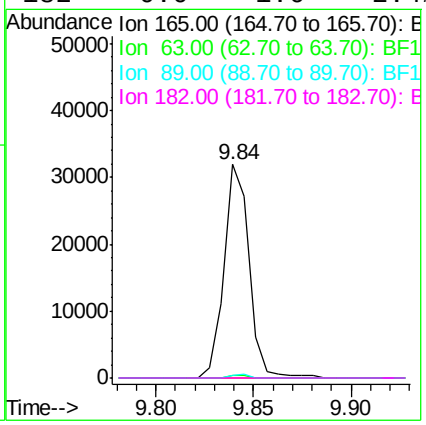


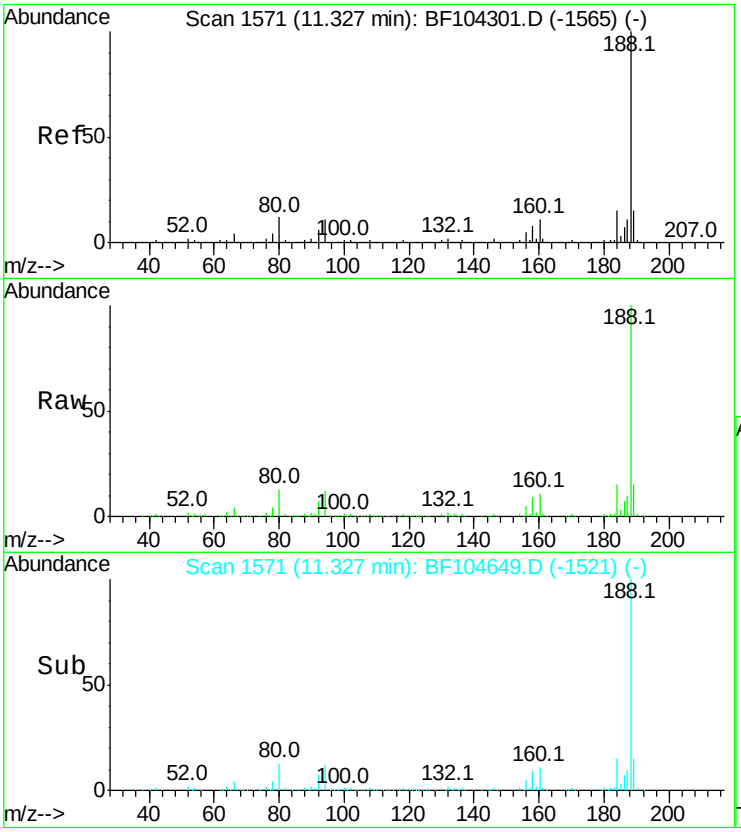


#56
2,4-Dinitrotoluene
Concen: 6.699 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF104649.D
Acq: 20 Apr 2018 00:42

Tgt Ion:165 Resp: 28311

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#



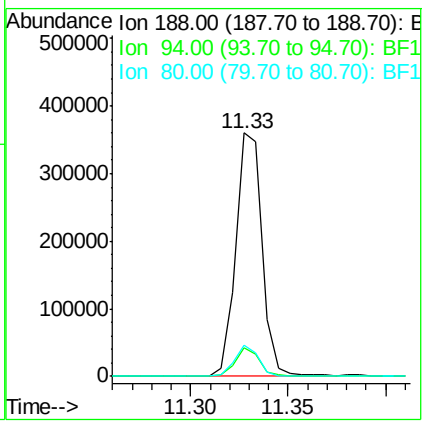


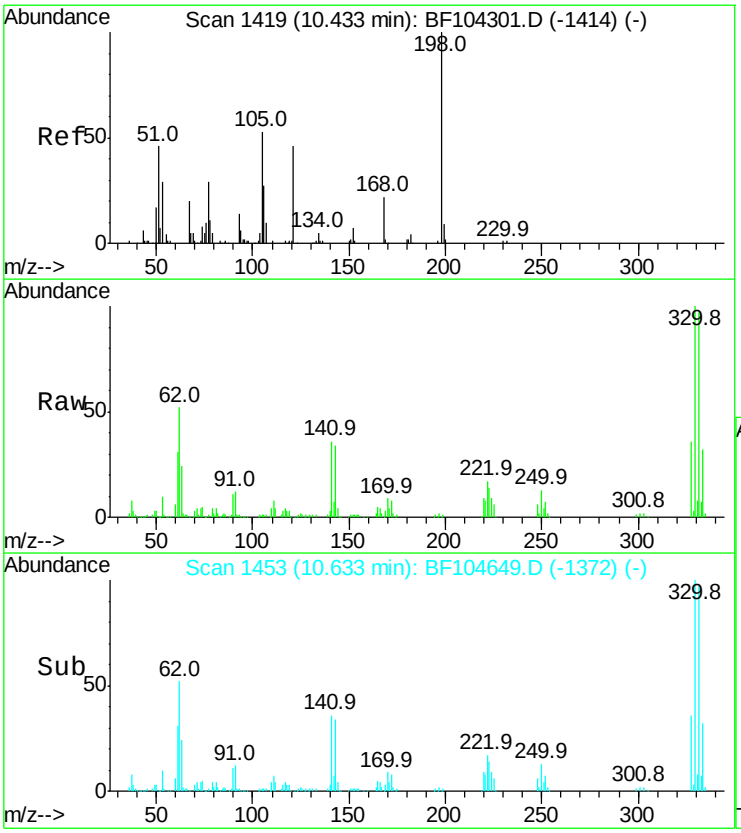
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104649.D
Acq: 20 Apr 2018 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 337074

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.9	9.2	13.8

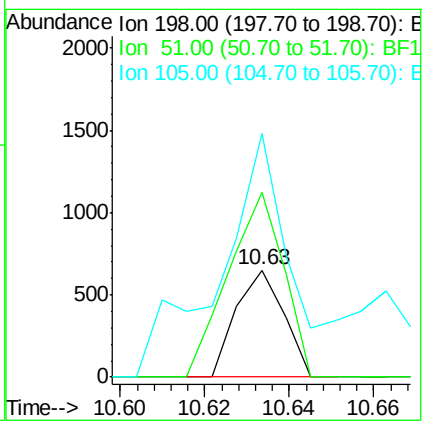


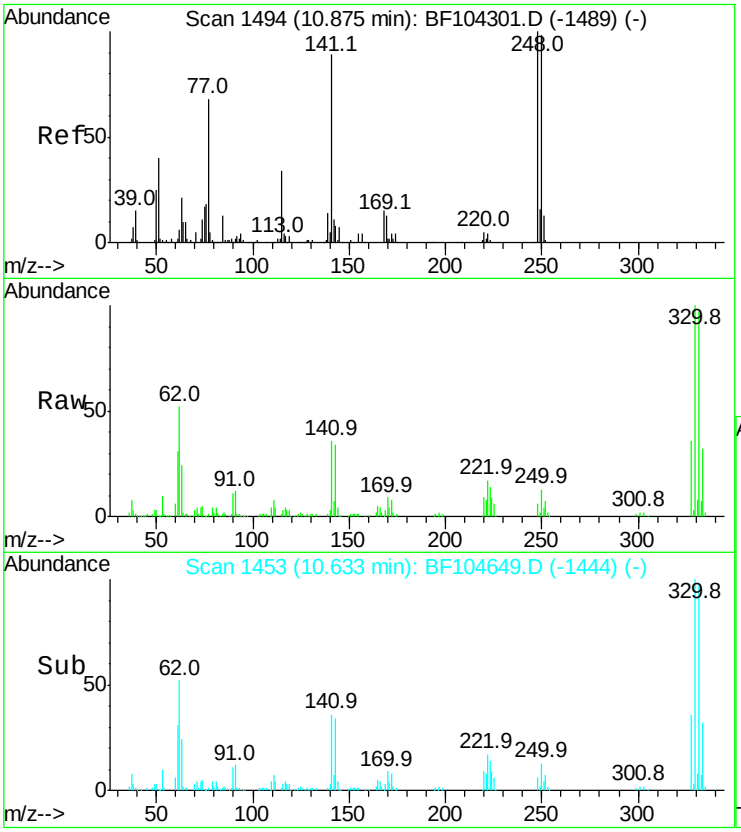


#64
4,6-Dinitro-2-methylphenol
Concen: 7.609 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104649.D
Acq: 20 Apr 2018 00:42

Tgt Ion:198 Resp: 508

Ion	Ratio	Lower	Upper
198	100		
51	172.0	37.7	77.7#
105	227.3	36.3	76.3#



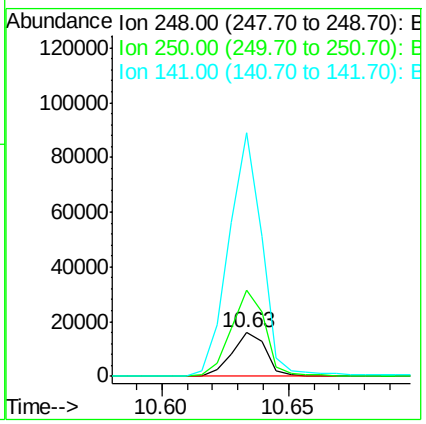


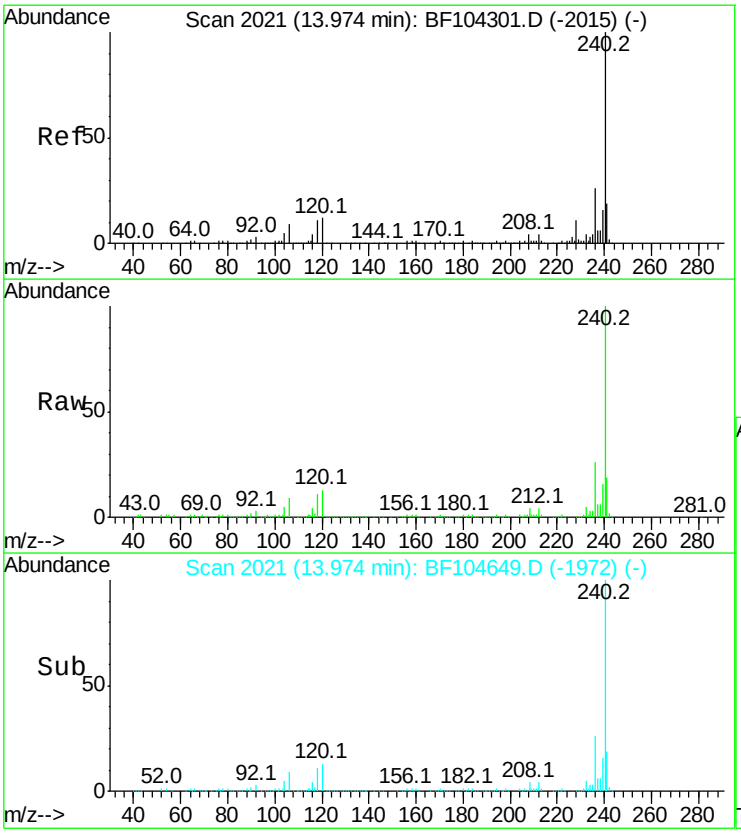
#66
4-Bromophenyl-phenylether
Concen: 4.132 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF104649.D
Acq: 20 Apr 2018 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 14816

Ion	Ratio	Lower	Upper
248	100		
250	197.8	76.9	115.3#
141	558.2	74.4	111.6#

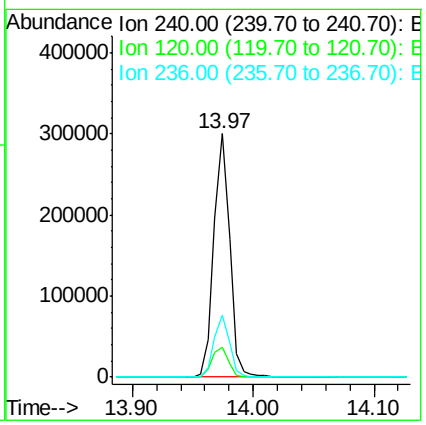


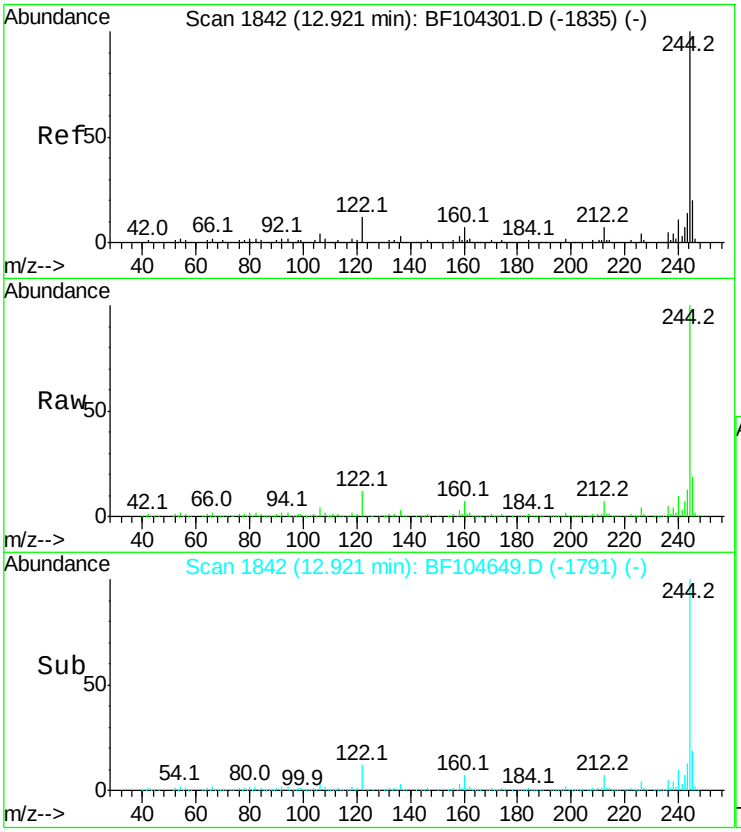


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104649.D
Acq: 20 Apr 2018 00:42

Tgt Ion:240 Resp: 269531

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.6	20.7	31.1



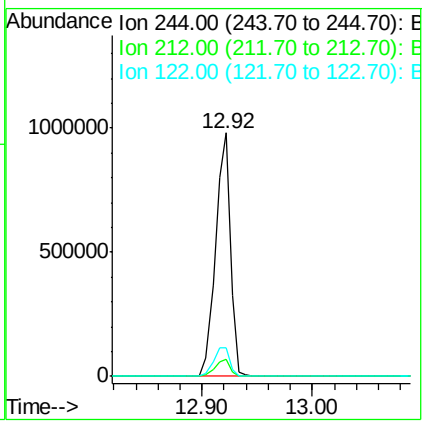


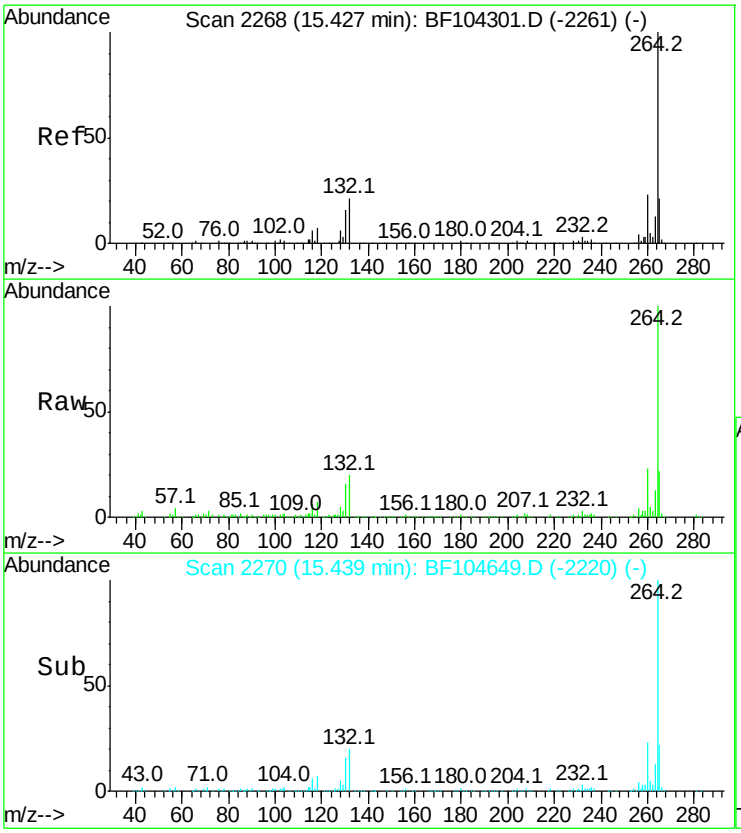
#78
Terphenyl-d14
Concen: 77.347 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF104649.D
Acq: 20 Apr 2018 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 914429

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.9	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: BF104649.D
Acq: 20 Apr 2018 00:42

Tgt Ion:264 Resp: 220471

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.6	17.5	26.3