Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104622.D
Acq On : 19 Apr 2018 11:12
Operator : JU/SJ
Sample : J2413-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 19 14:45:05 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	141881	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	569223	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	257736	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	420599	20.00	ng		0.00
75) Chrysene-d12	13.97	240	295904	20.00	ng		-0.01
86) Perylene-d12	15.44	264	293775	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1133087	122.11	ng		0.02
7) Phenol-d6	6.45	99	1399397	122.74	ng		0.00
23) Nitrobenzene-d5	7.37	82	896503	102.84	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	328788	122.98	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1256397	77.01	ng		0.00
78) Terphenyl-d14	12.92	244	1026427	79.08	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	2504	Below Cal		#	1
10) Phenol	6.46	94	57230	4.731	ng		94
19) n-Nitroso-di-n-propylamine	7.37	70	117192	15.730	ng	#	73
25) Isophorone	7.37	82	893368	48.463	ng	#	64
49) Dimethylphthalate	9.56	163	214137	10.536	ng		100
56) 2,4-Dinitrotoluene	9.85	165	34346	6.962	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.64	198	607	7.598	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	19832	4.433	ng	#	1
76) Benzidine	12.92	184	13442	Below Cal		#	95

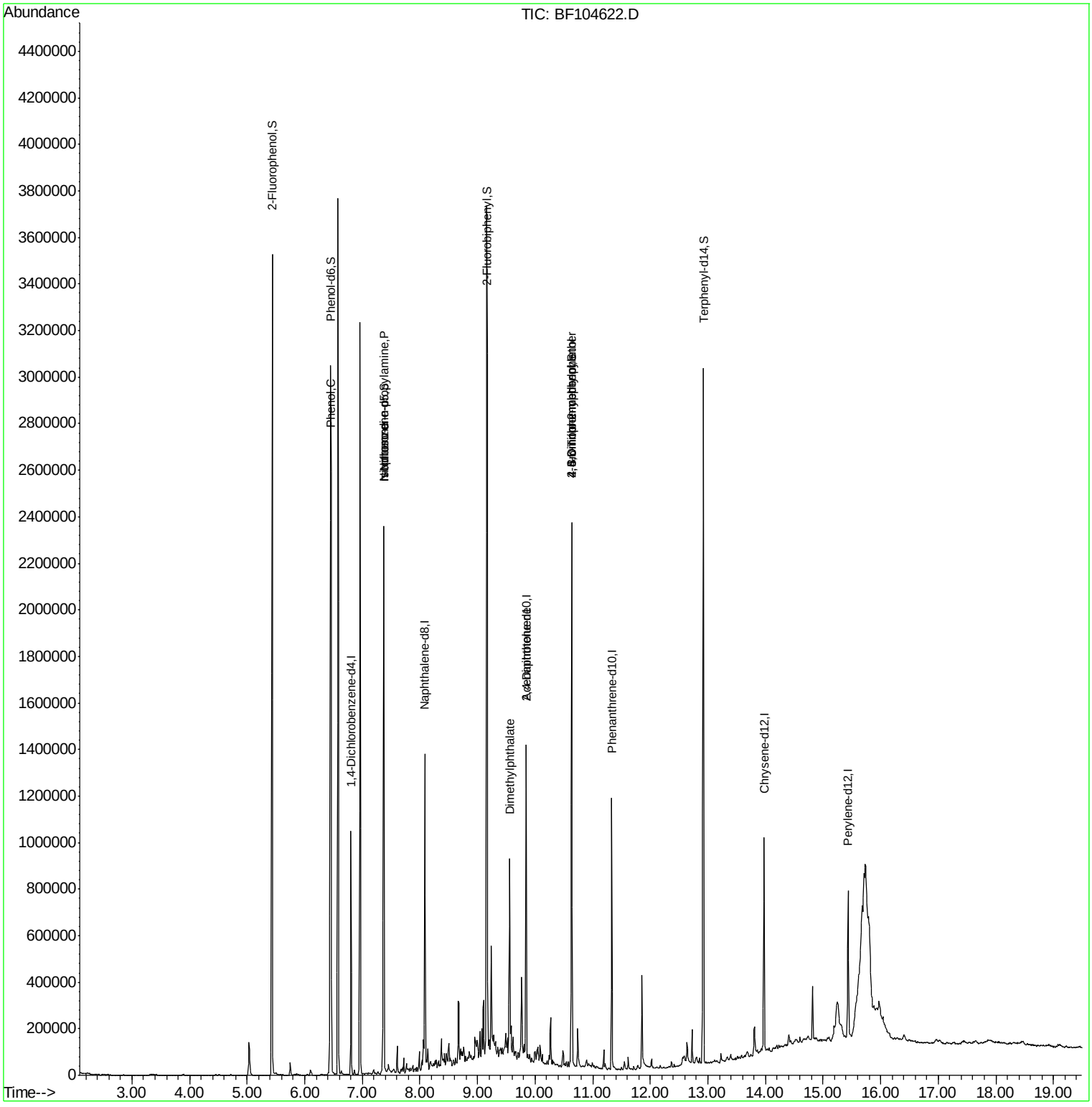
(#) = qualifier out of range (m) = manual integration (+) = signals summed

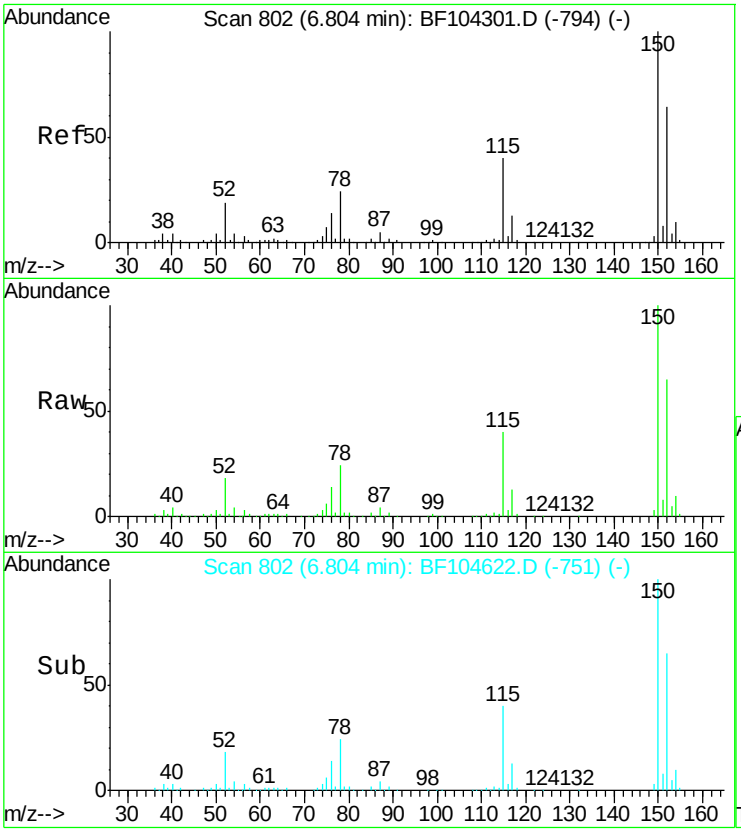
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104622.D
Acq On : 19 Apr 2018 11:12
Operator : JU/SJ
Sample : J2413-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 19 14:45:05 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



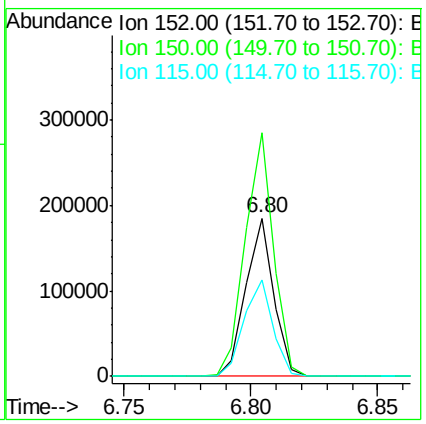


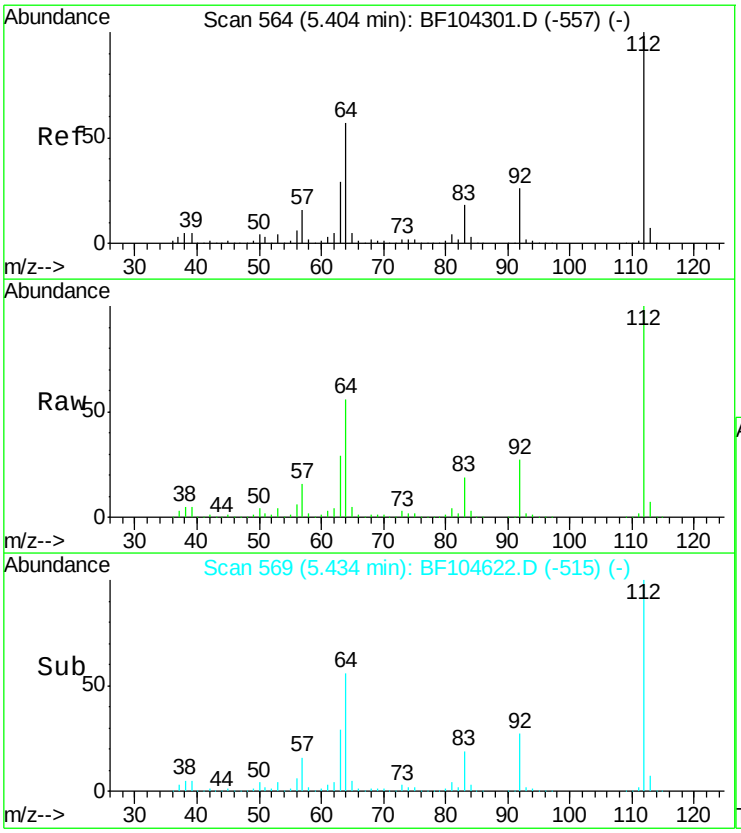
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104622.D
Acq: 19 Apr 2018 11:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 141881

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	61.3	50.1	75.1

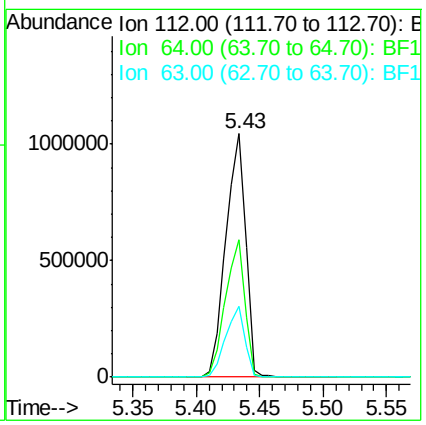


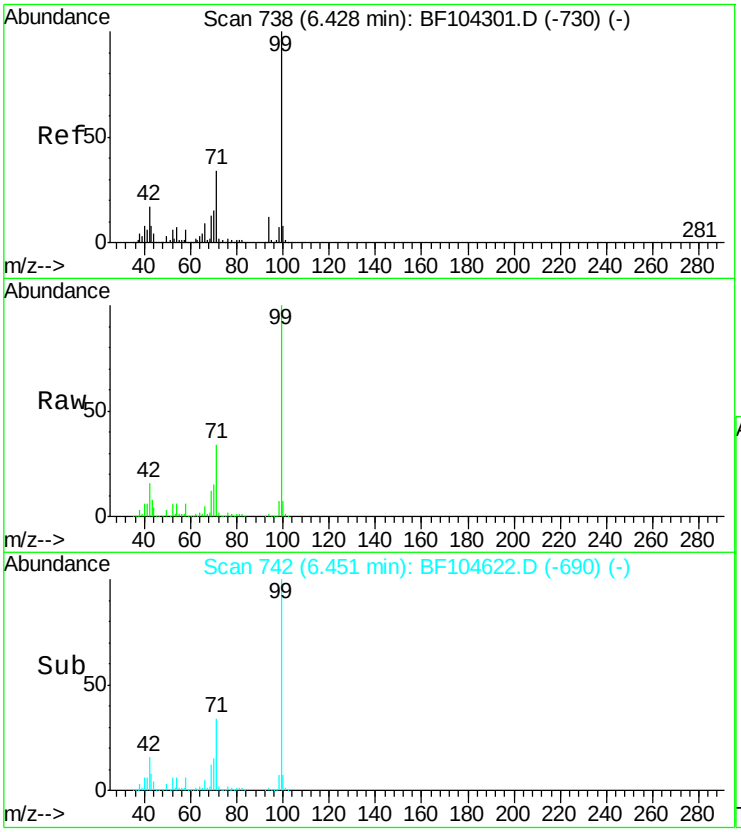


#5
2-Fluorophenol
Concen: 122.113 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF104622.D
Acq: 19 Apr 2018 11:12

Tgt Ion:112 Resp: 1133087

Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.9	71.9
63	29.2	23.7	35.5



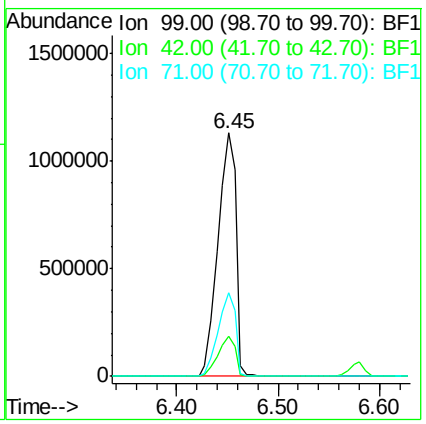


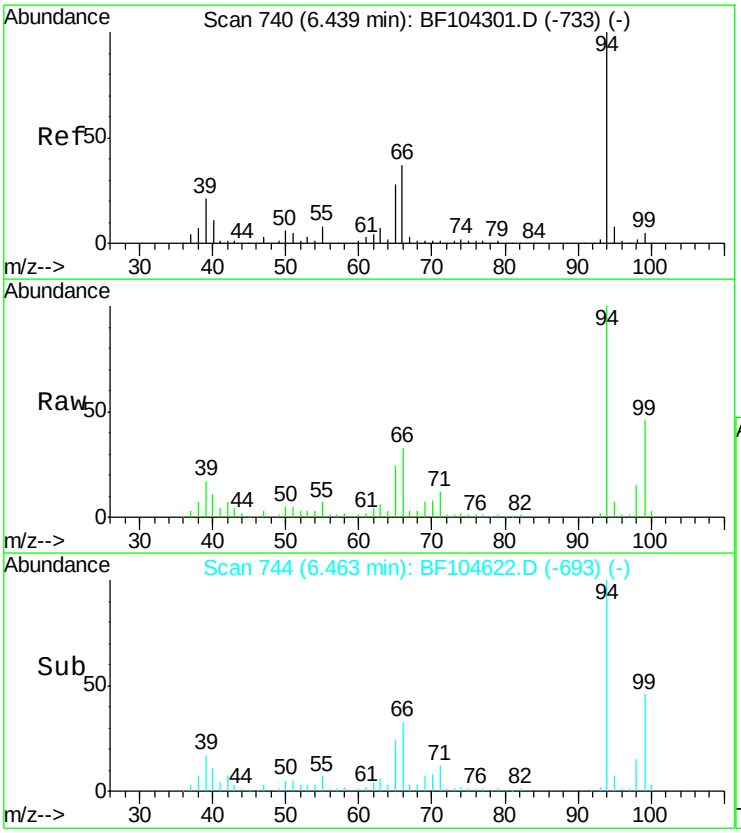
#7
Phenol-d6
Concen: 122.745 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF104622.D
Acq: 19 Apr 2018 11:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1399397

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	34.1	25.4	38.0

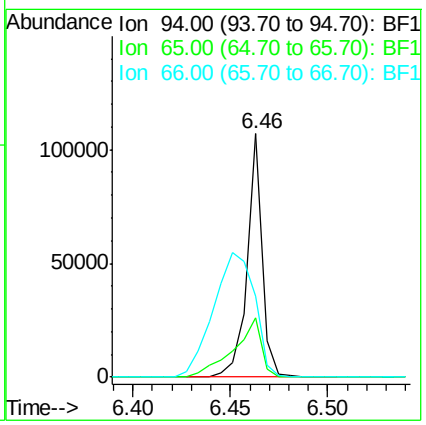


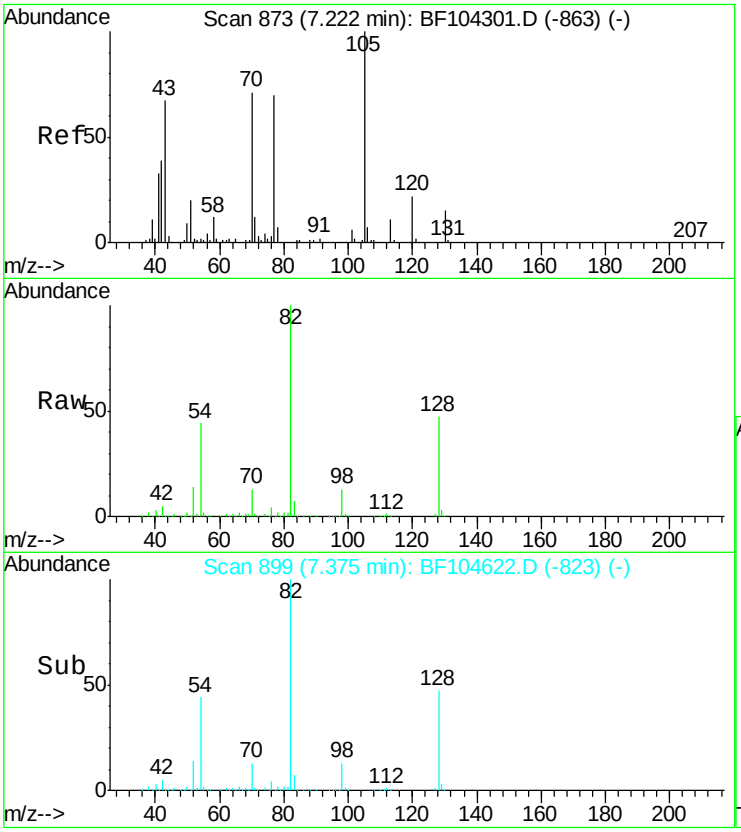


#10
Phenol
Concen: 4.731 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF104622.D
Acq: 19 Apr 2018 11:12

Tgt Ion: 94 Resp: 57230

Ion	Ratio	Lower	Upper
94	100		
65	24.4	7.9	47.9
66	33.1	16.2	56.2



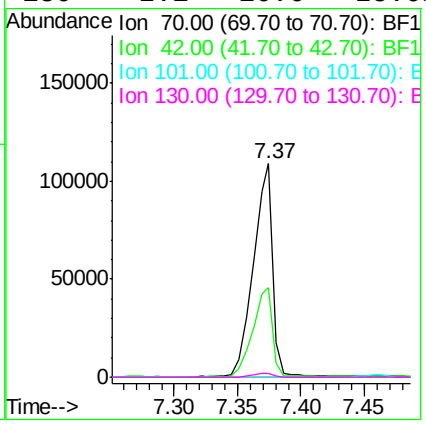


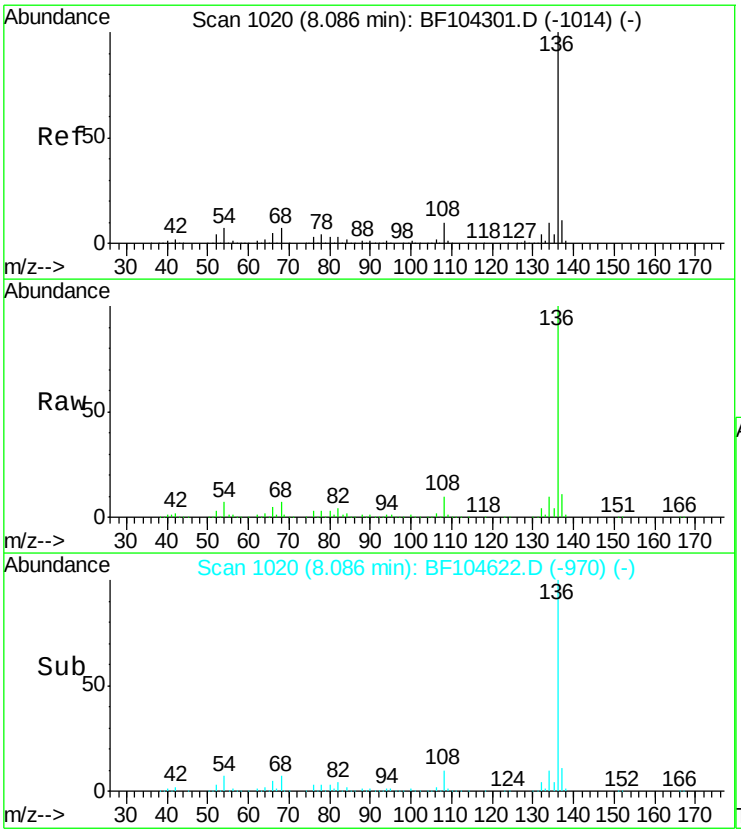
#19
n-Nitroso-di-n-propylamine
Concen: 15.730 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104622.D
Acq: 19 Apr 2018 11:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 117192

Ion	Ratio	Lower	Upper
70	100		
42	42.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

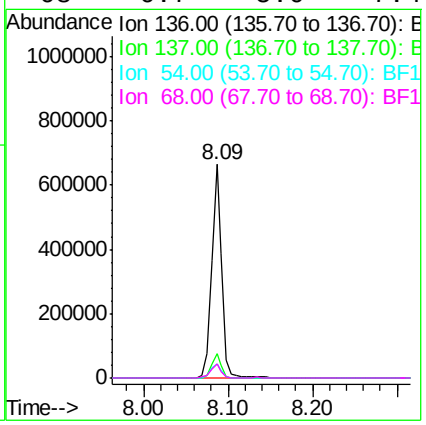


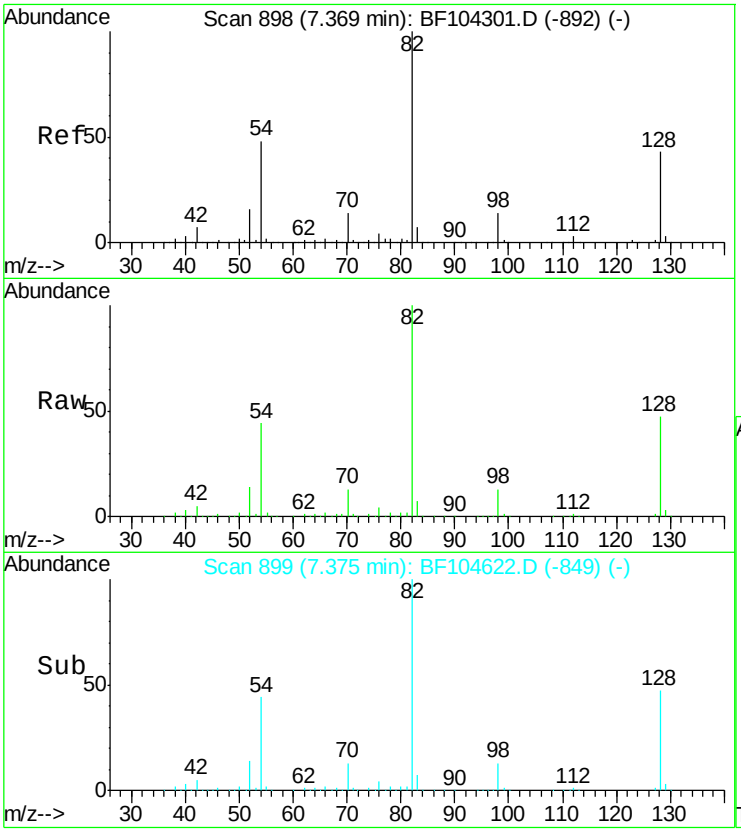


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104622.D
Acq: 19 Apr 2018 11:12

Tgt Ion:136 Resp: 569223

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.9	6.6	9.8
68	6.7	5.0	7.4



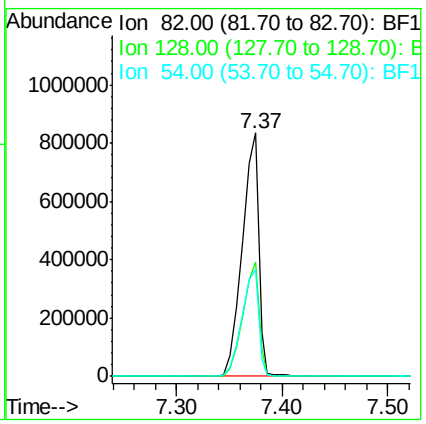


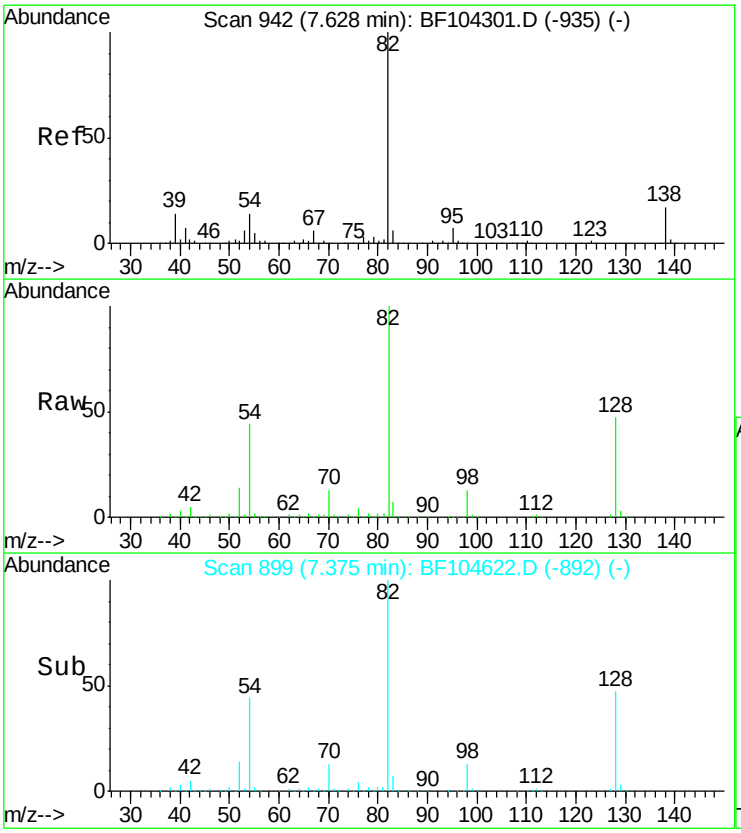
#23
Nitrobenzene-d5
Concen: 102.842 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104622.D
Acq: 19 Apr 2018 11:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 896503

Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	44.0	41.4	62.2

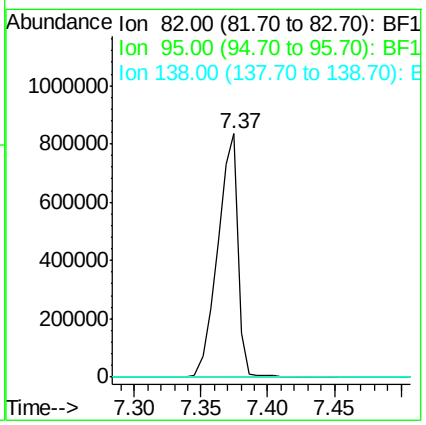


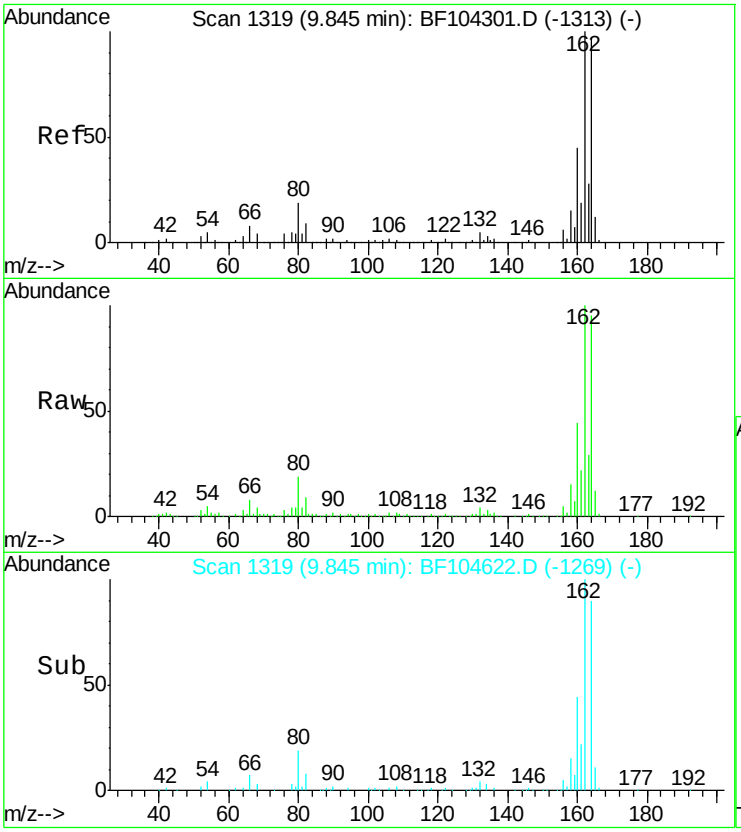


#25
Isophorone
Concen: 48.463 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF104622.D
Acq: 19 Apr 2018 11:12

Tgt Ion: 82 Resp: 893368

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



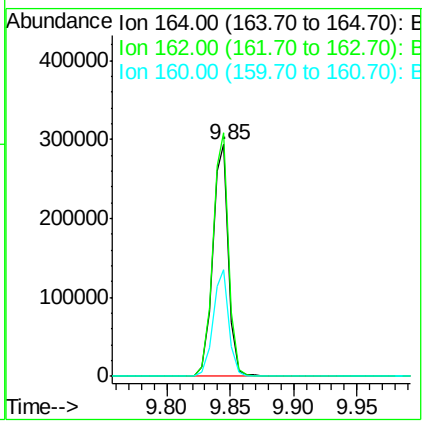


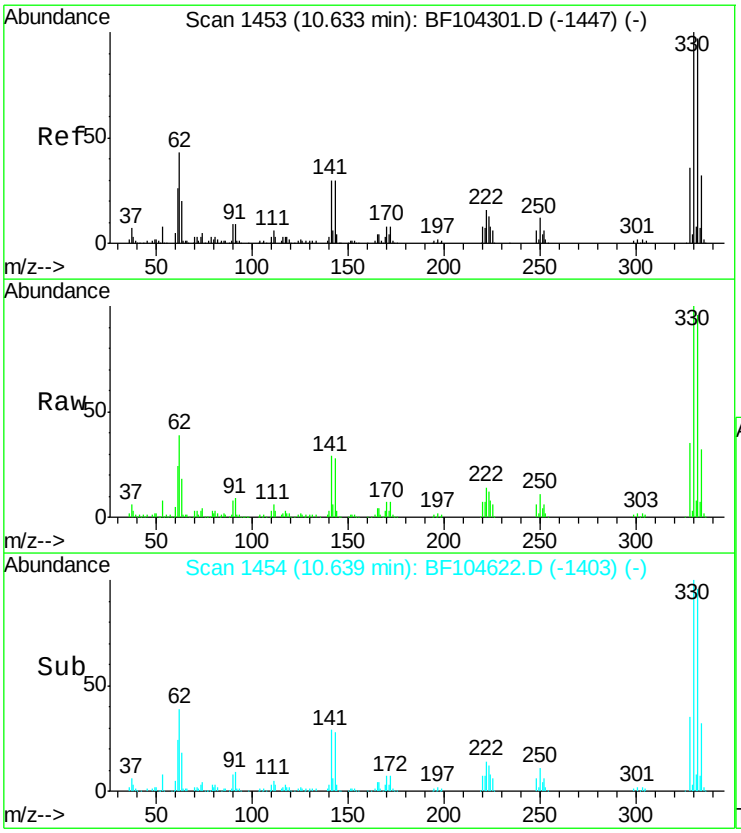
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104622.D
Acq: 19 Apr 2018 11:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 257736

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	46.0	38.3	57.5

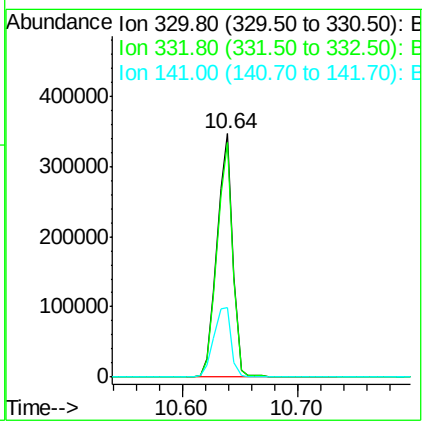


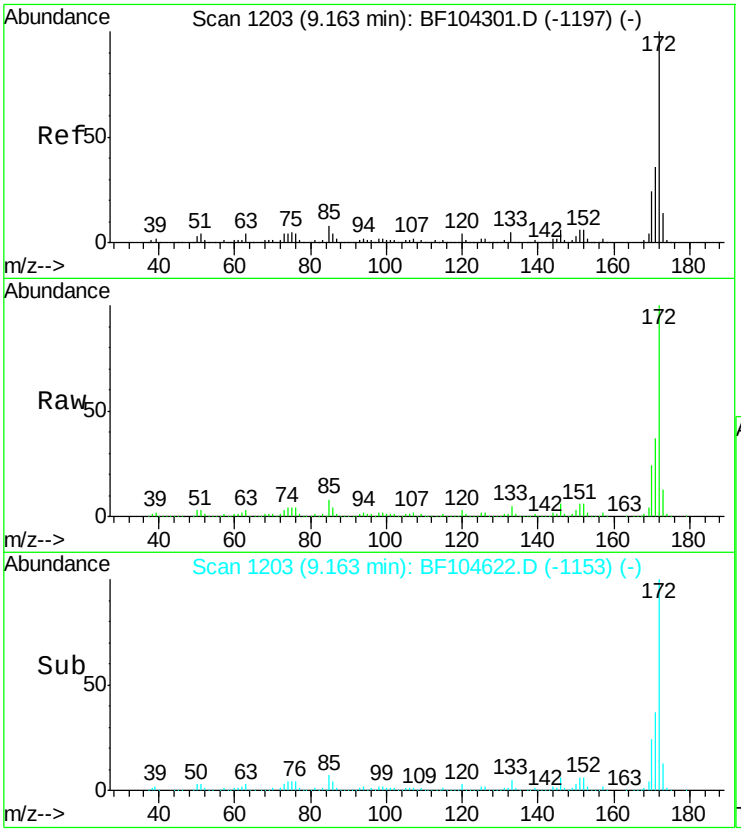


#41
2,4,6-Tribromophenol
Concen: 122.977 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF104622.D
Acq: 19 Apr 2018 11:12

Tgt Ion:330 Resp: 328788

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.1	29.9	44.9



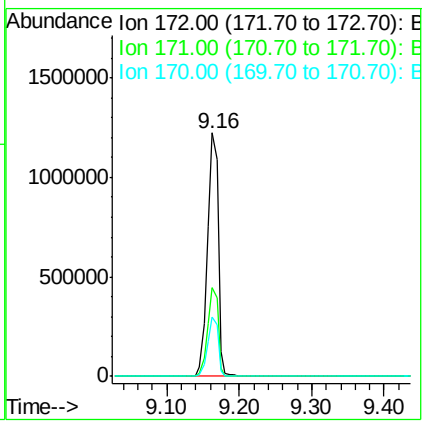


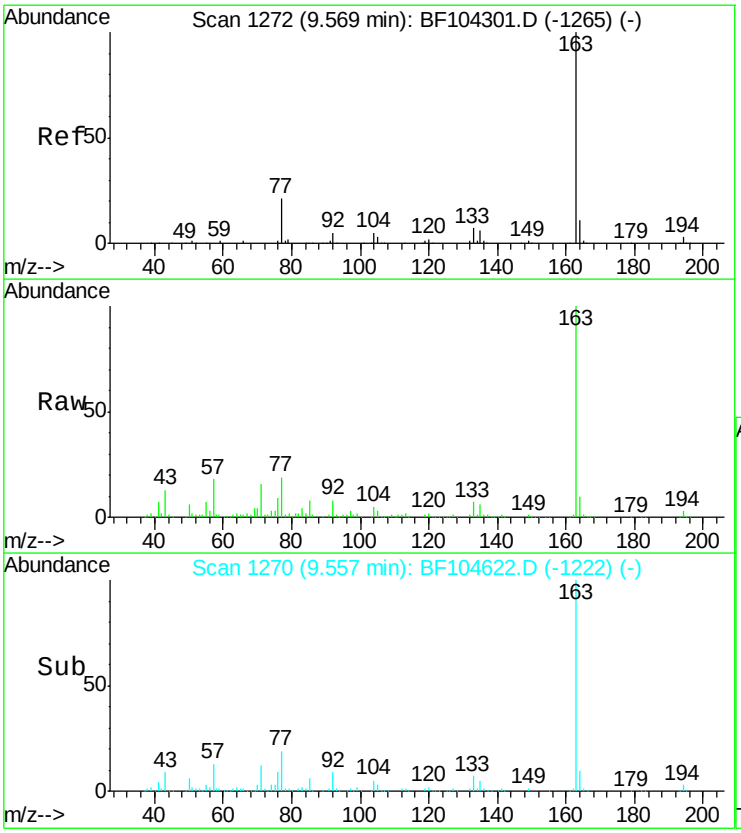
#44
2-Fluorobiphenyl
Concen: 77.009 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104622.D
Acq: 19 Apr 2018 11:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1256397

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4

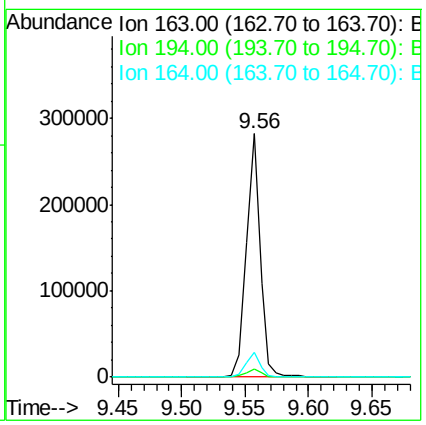


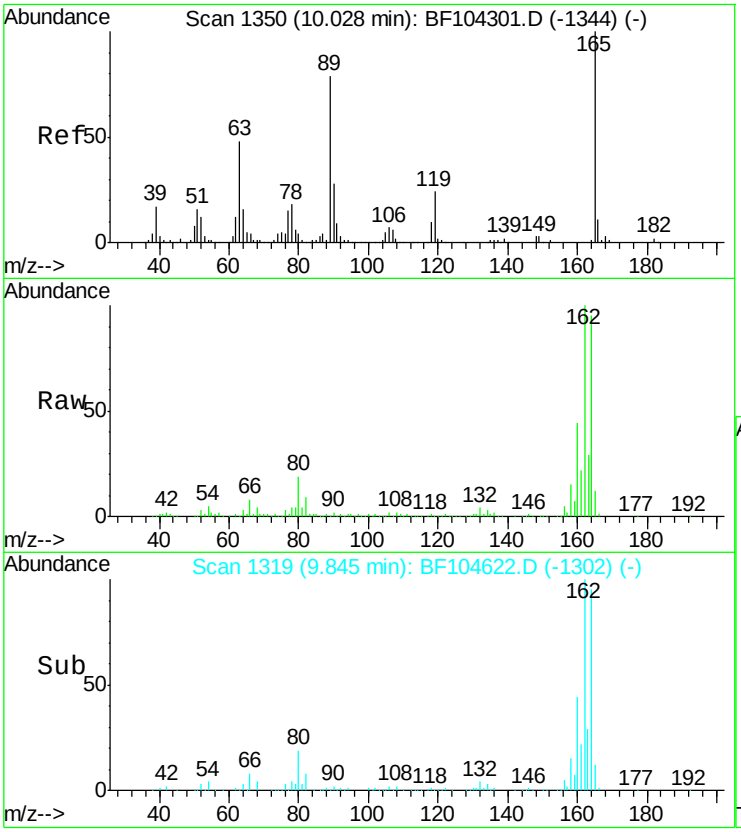


#49
Dimethylphthalate
Concen: 10.536 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104622.D
Acq: 19 Apr 2018 11:12

Tgt Ion:163 Resp: 214137

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.1	8.2	12.2



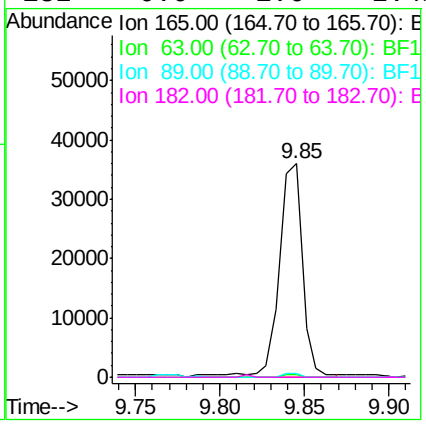


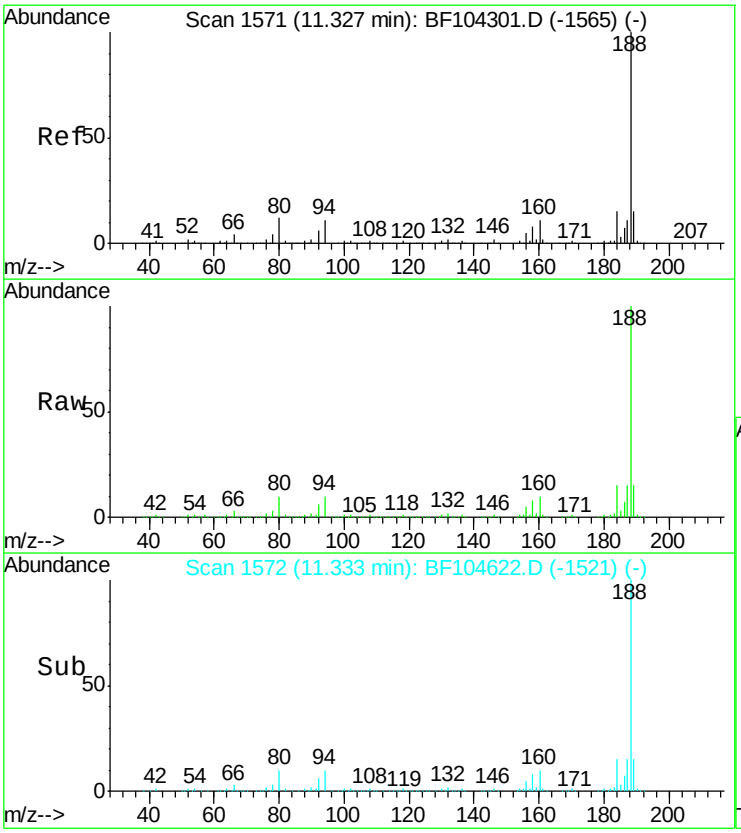
#56
2,4-Dinitrotoluene
Concen: 6.962 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF104622.D
Acq: 19 Apr 2018 11:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 34346

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

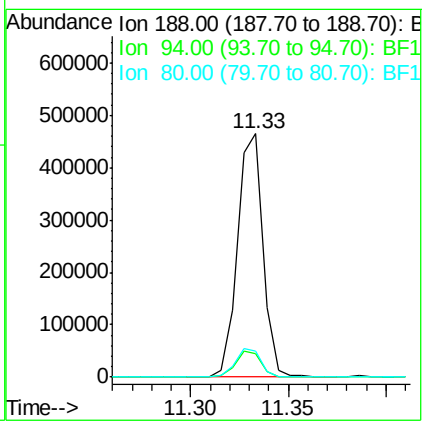


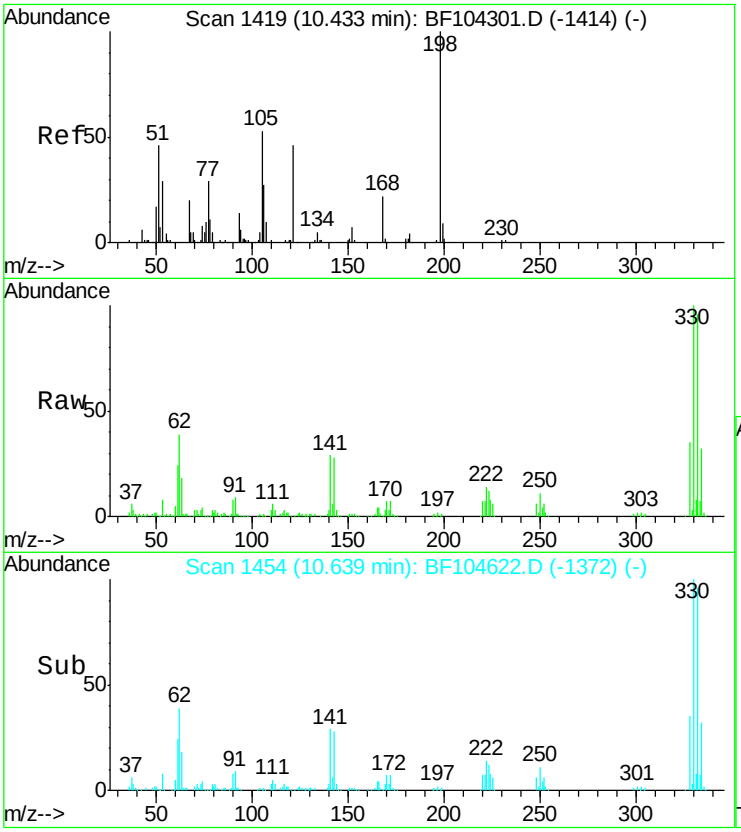


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104622.D
Acq: 19 Apr 2018 11:12

Tgt Ion:188 Resp: 420599

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.5	9.2	13.8



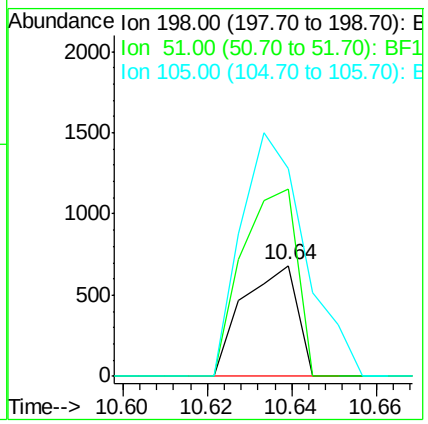


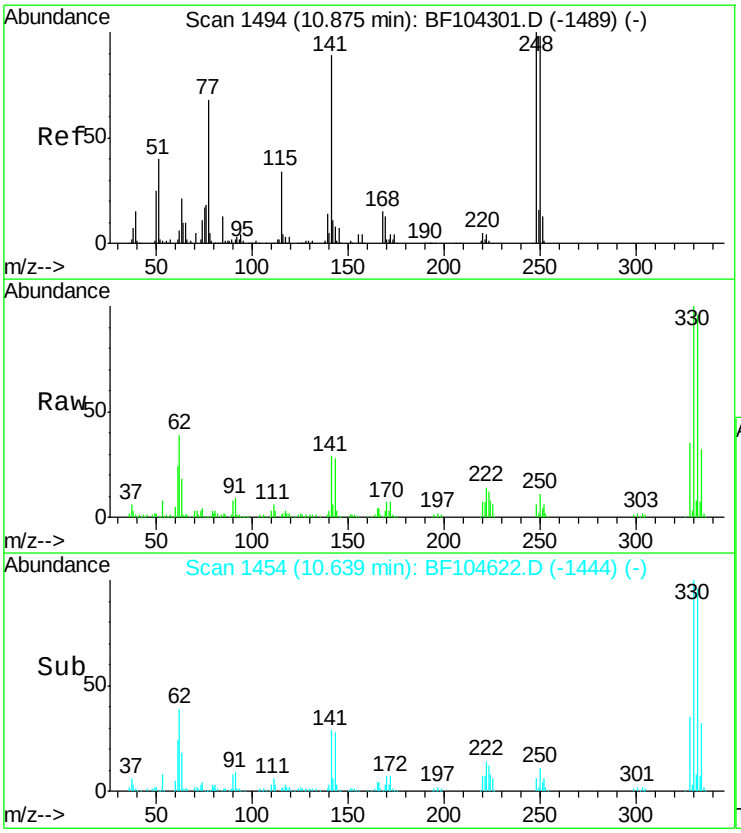
#64
4,6-Dinitro-2-methylphenol
Concen: 7.598 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF104622.D
Acq: 19 Apr 2018 11:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 607

Ion	Ratio	Lower	Upper
198	100		
51	169.9	37.7	77.7#
105	188.0	36.3	76.3#

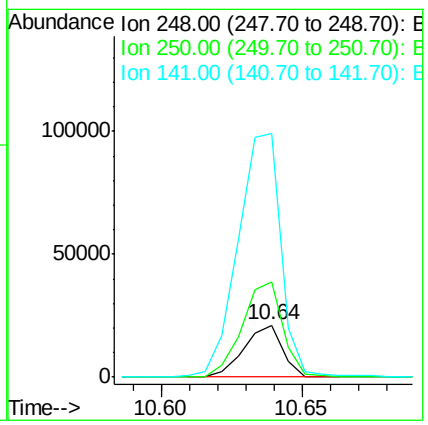


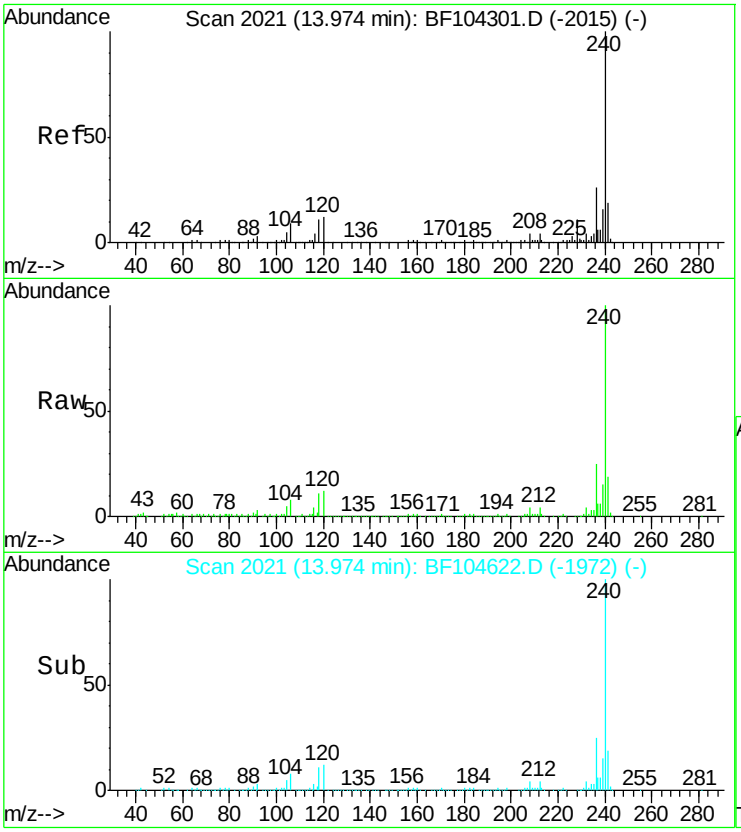


#66
4-Bromophenyl-phenylether
Concen: 4.433 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF104622.D
Acq: 19 Apr 2018 11:12

Tgt Ion:248 Resp: 19832

Ion	Ratio	Lower	Upper
248	100		
250	181.9	76.9	115.3#
141	467.4	74.4	111.6#



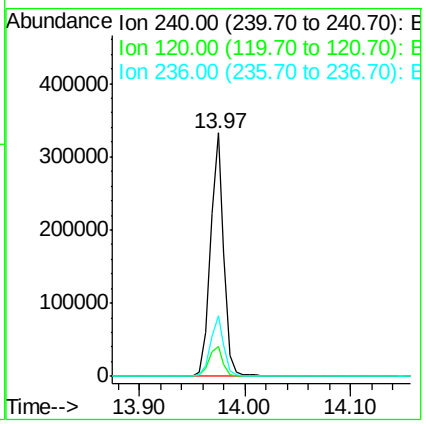


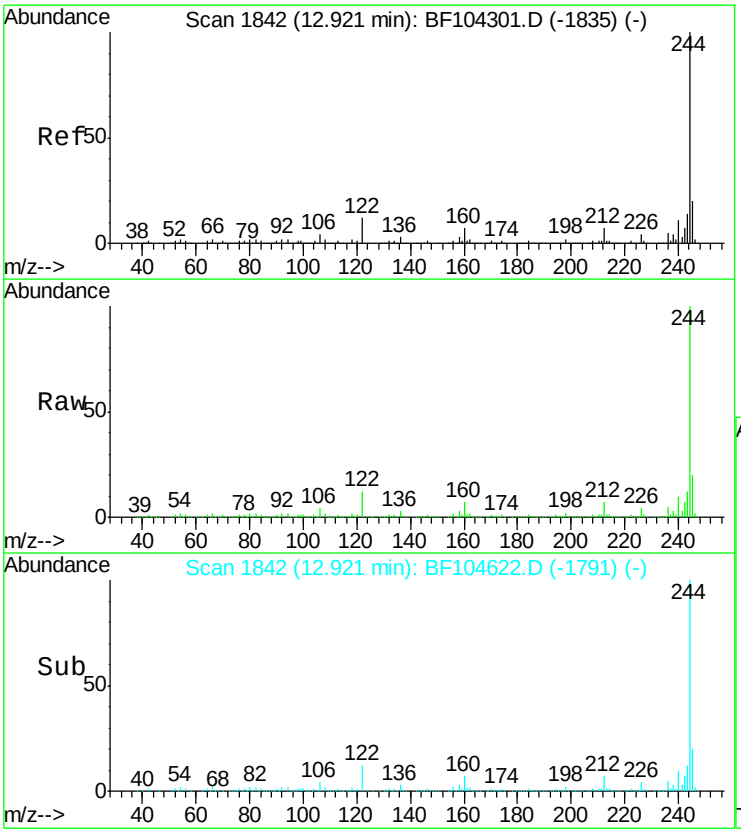
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104622.D
Acq: 19 Apr 2018 11:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 295904

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	25.0	20.7	31.1

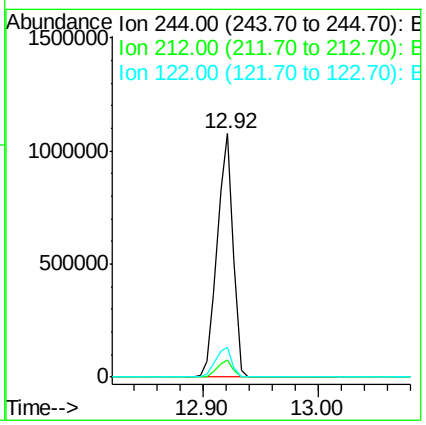


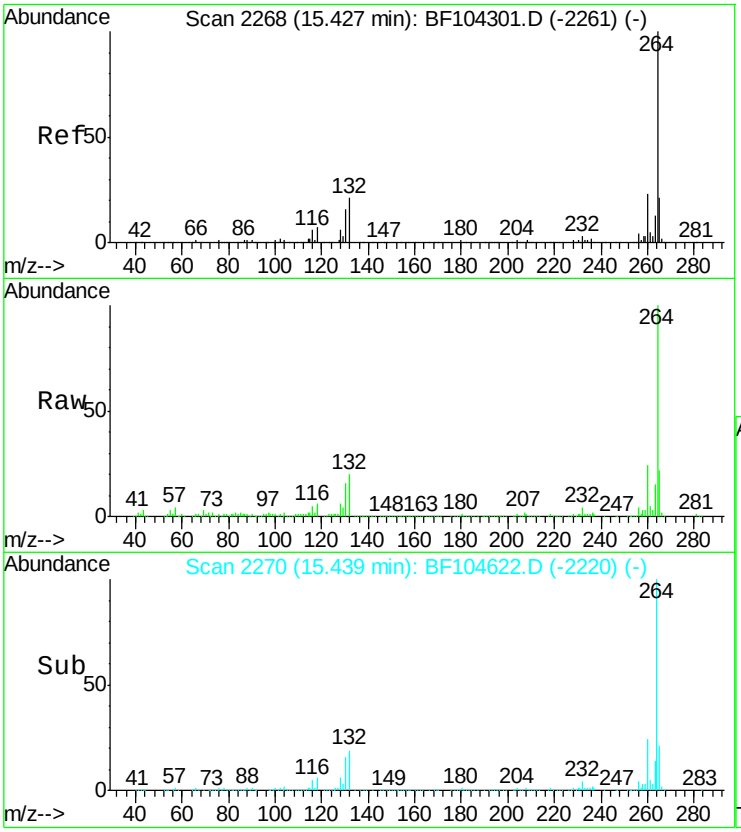


#78
Terphenyl-d14
Concen: 79.082 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104622.D
Acq: 19 Apr 2018 11:12

Tgt Ion:244 Resp: 1026427

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.3	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: BF104622.D
Acq: 19 Apr 2018 11:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 293775

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.5	26.3