Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104870.D
Acq On : 27 Apr 2018 8:44
Operator : JU/SJ
Sample : J2515-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 27 11:11:35 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	112928	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	447715	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	179434	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	275592	20.00	ng		0.00
75) Chrysene-d12	13.97	240	241534	20.00	ng		-0.01
86) Perylene-d12	15.44	264	176719	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	376951	51.04	ng		0.00
7) Phenol-d6	6.43	99	281394	31.01	ng		-0.01
23) Nitrobenzene-d5	7.37	82	601970	87.80	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	191485	102.88	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1025225	90.26	ng		0.00
78) Terphenyl-d14	12.92	244	771136	72.79	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	25016	2.598	ng		93
19) n-Nitroso-di-n-propylamine	7.37	70	77691	13.102	ng	#	72
25) Isophorone	7.37	82	601962	41.518	ng	#	64
49) Dimethylphthalate	9.55	163	96238	6.801	ng		99
56) 2,4-Dinitrotoluene	9.84	165	22999	6.697	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.63	198	370	7.581	ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	11378	3.881	ng	#	1
73) Di-n-butylphthalate	11.89	149	43194	2.319	ng		98
76) Benzidine	12.92	184	9835	Below Cal		#	93

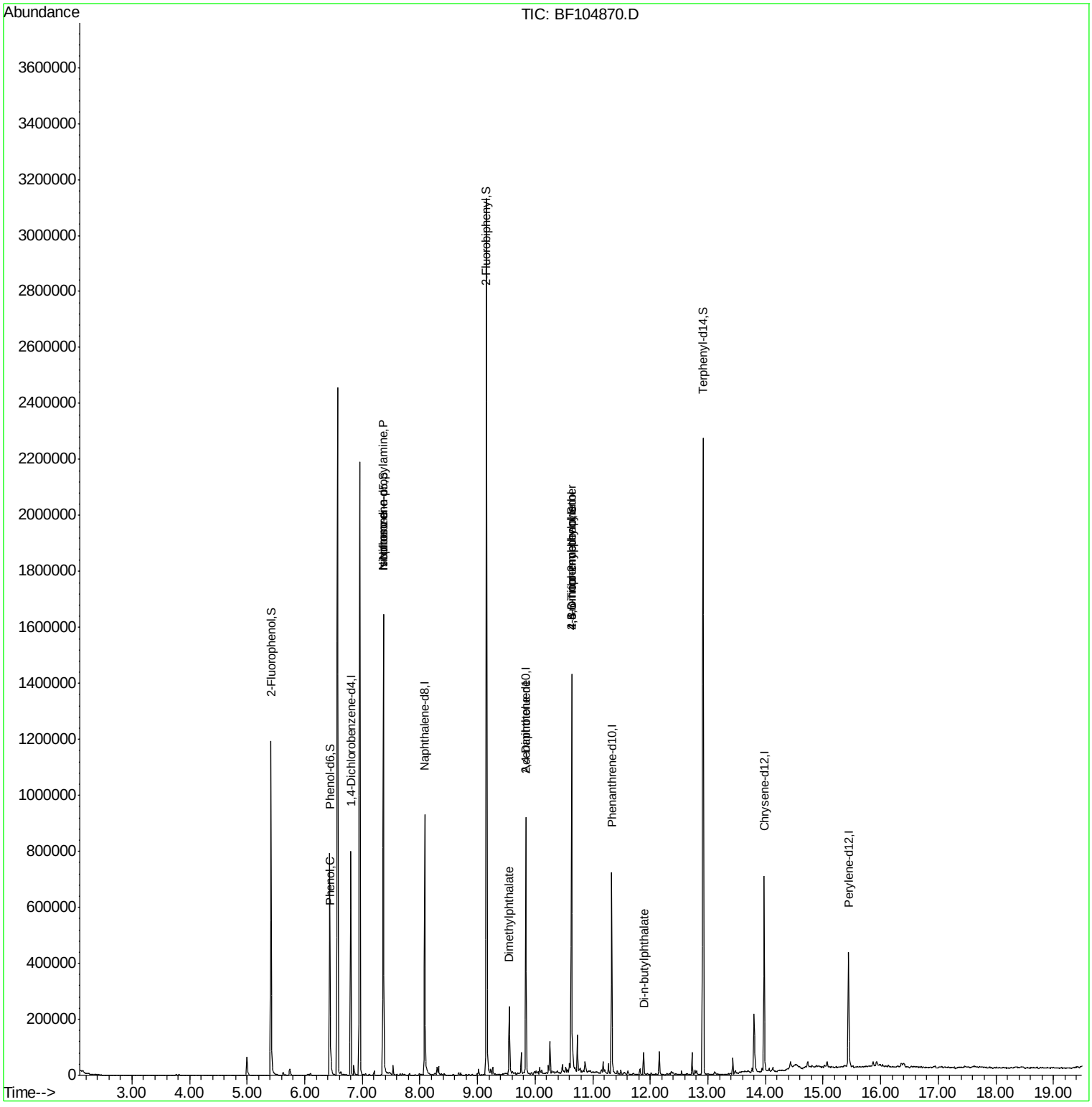
(#) = qualifier out of range (m) = manual integration (+) = signals summed

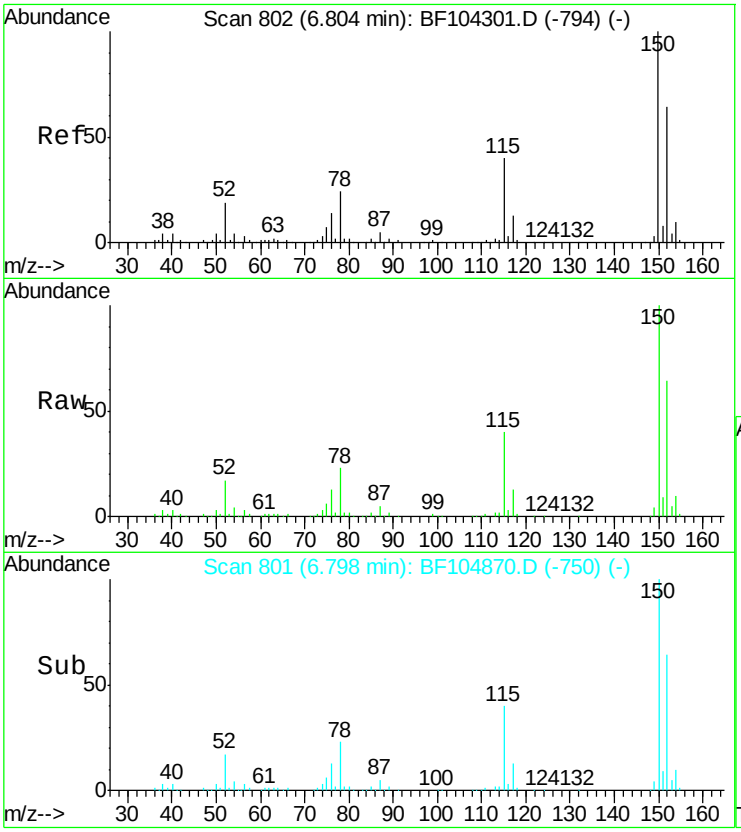
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104870.D
Acq On : 27 Apr 2018 8:44
Operator : JU/SJ
Sample : J2515-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 27 11:11:35 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration



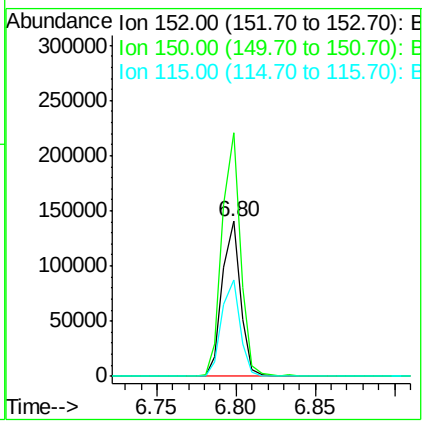


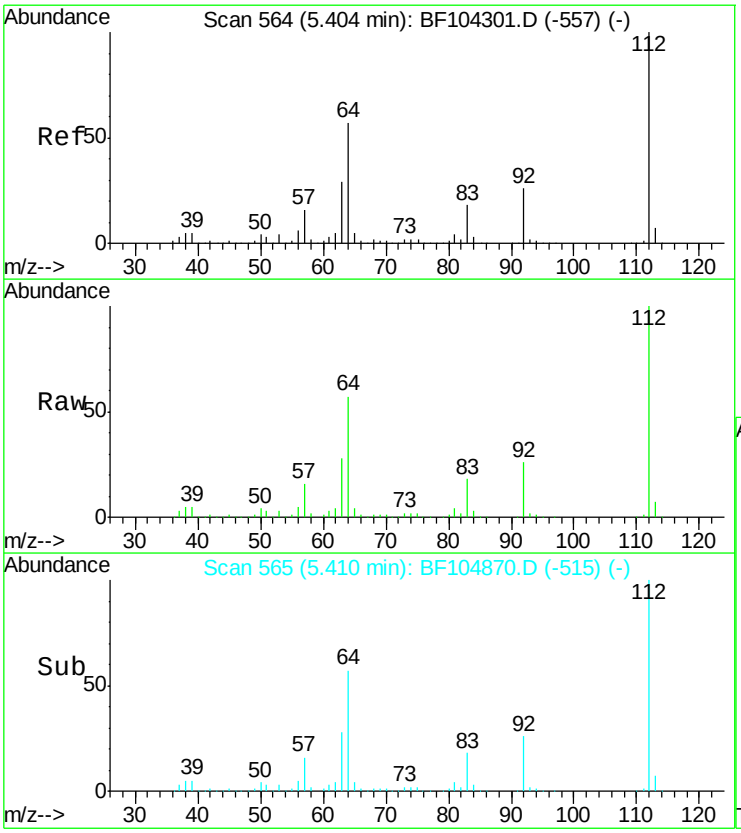
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104870.D
Acq: 27 Apr 2018 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 112928

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	62.7	50.1	75.1

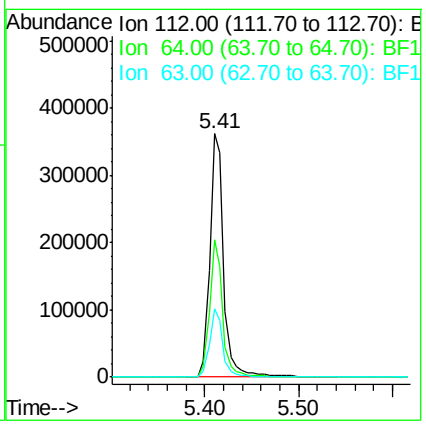


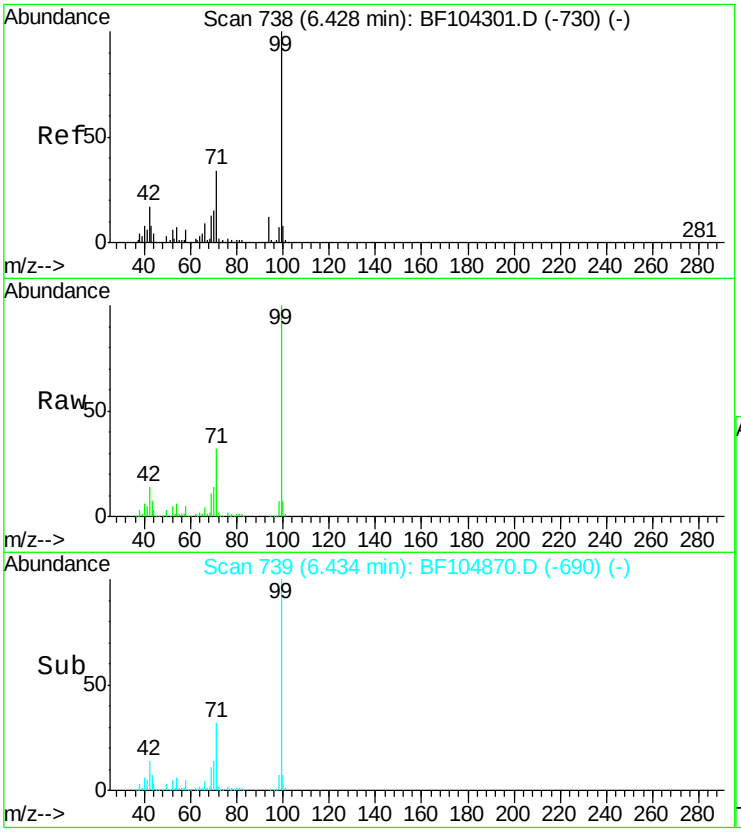


#5
2-Fluorophenol
Concen: 51.040 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF104870.D
Acq: 27 Apr 2018 8:44

Tgt Ion:112 Resp: 376951

Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.9	71.9
63	28.1	23.7	35.5



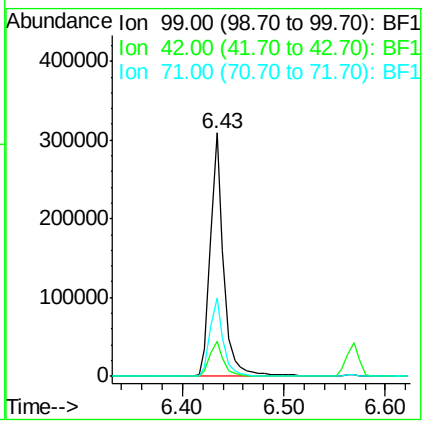


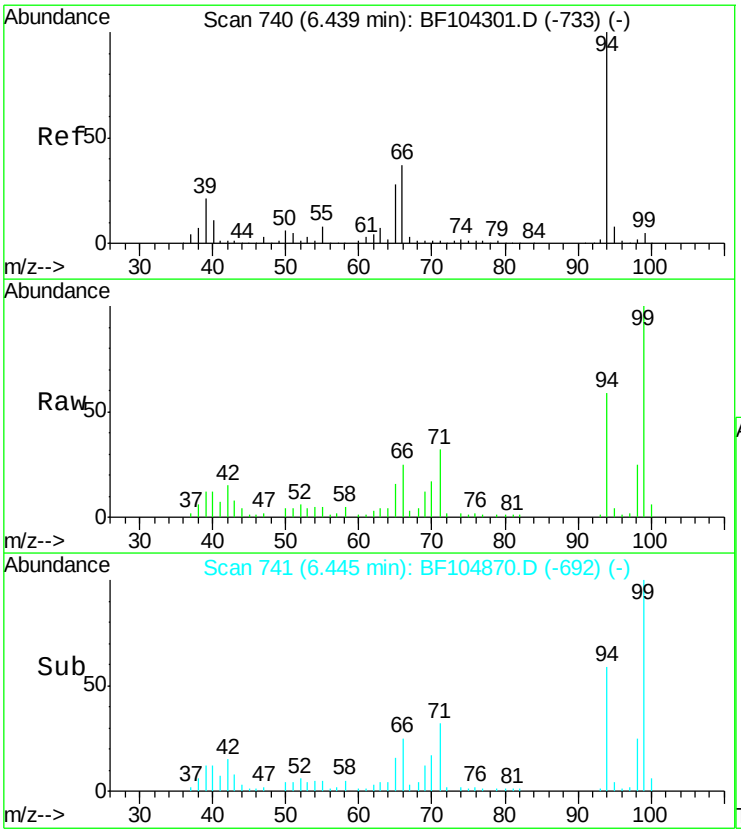
#7
Phenol-d6
Concen: 31.010 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF104870.D
Acq: 27 Apr 2018 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 281394

Ion	Ratio	Lower	Upper
99	100		
42	14.3	14.5	21.7#
71	32.3	25.4	38.0

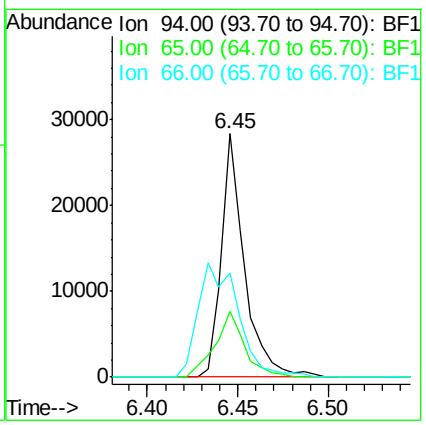


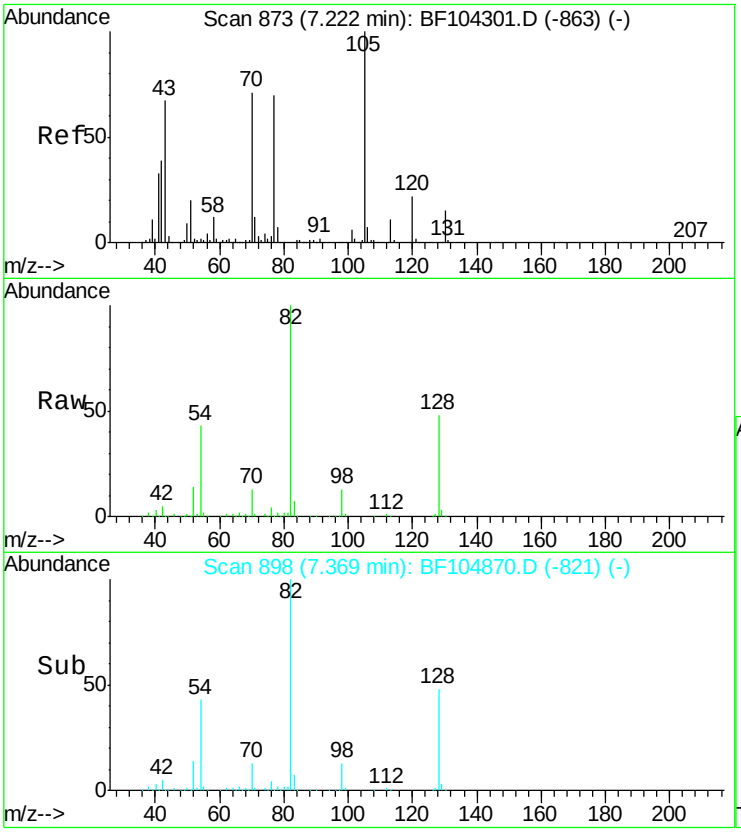


#10
Phenol
Concen: 2.598 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF104870.D
Acq: 27 Apr 2018 8:44

Tgt Ion: 94 Resp: 25016

Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.9	47.9
66	42.6	16.2	56.2



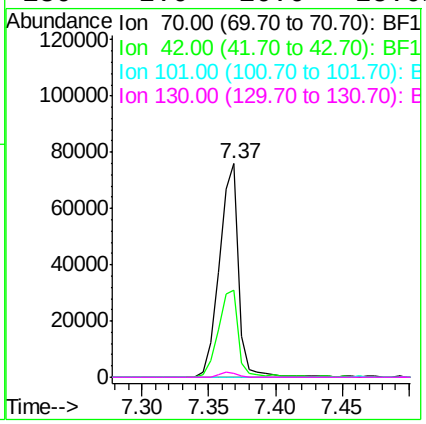


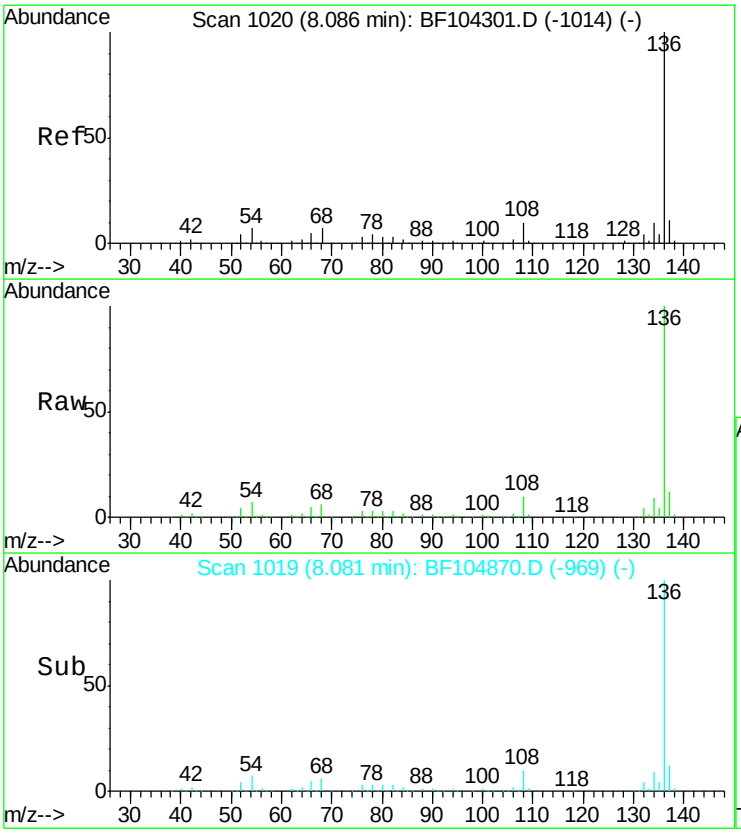
#19
n-Nitroso-di-n-propylamine
Concen: 13.102 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104870.D
Acq: 27 Apr 2018 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 77691

Ion	Ratio	Lower	Upper
70	100		
42	40.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

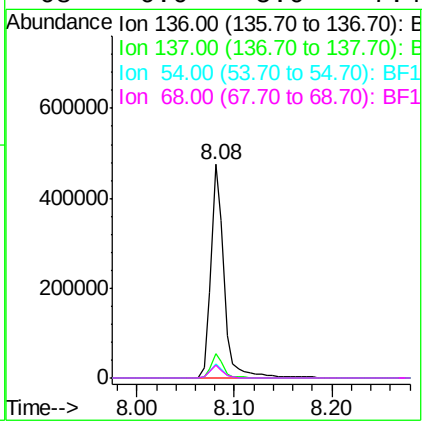


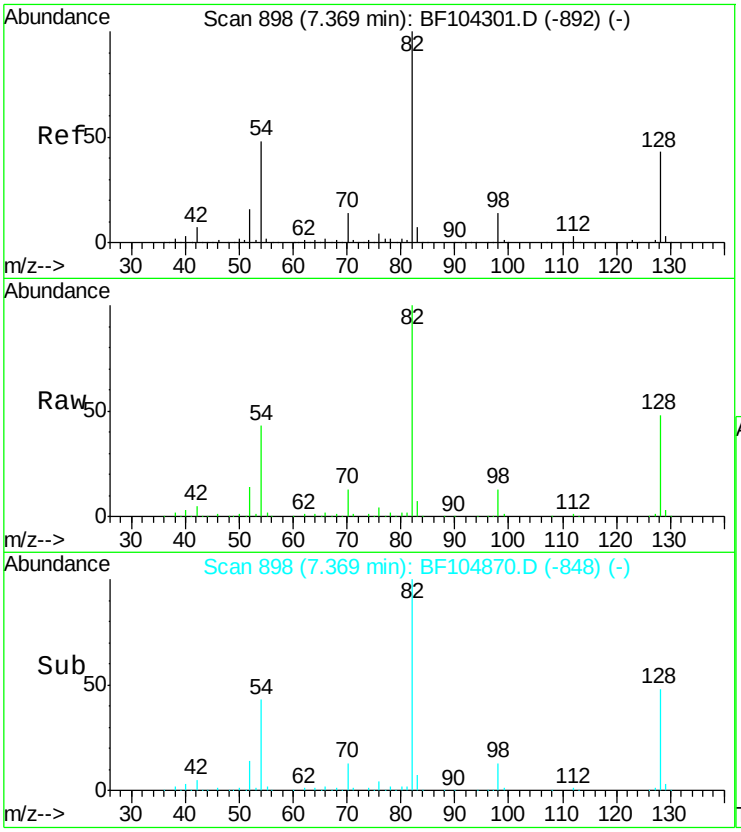


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104870.D
Acq: 27 Apr 2018 8:44

Tgt Ion:136 Resp: 447715

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	6.7	6.6	9.8
68	6.0	5.0	7.4



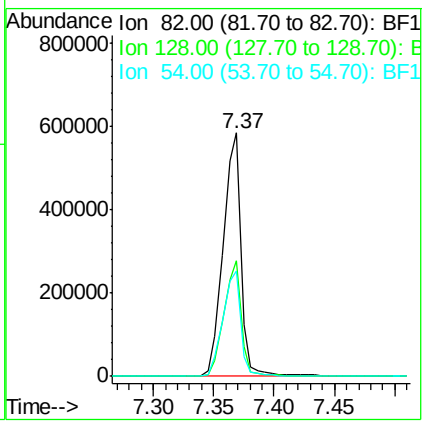


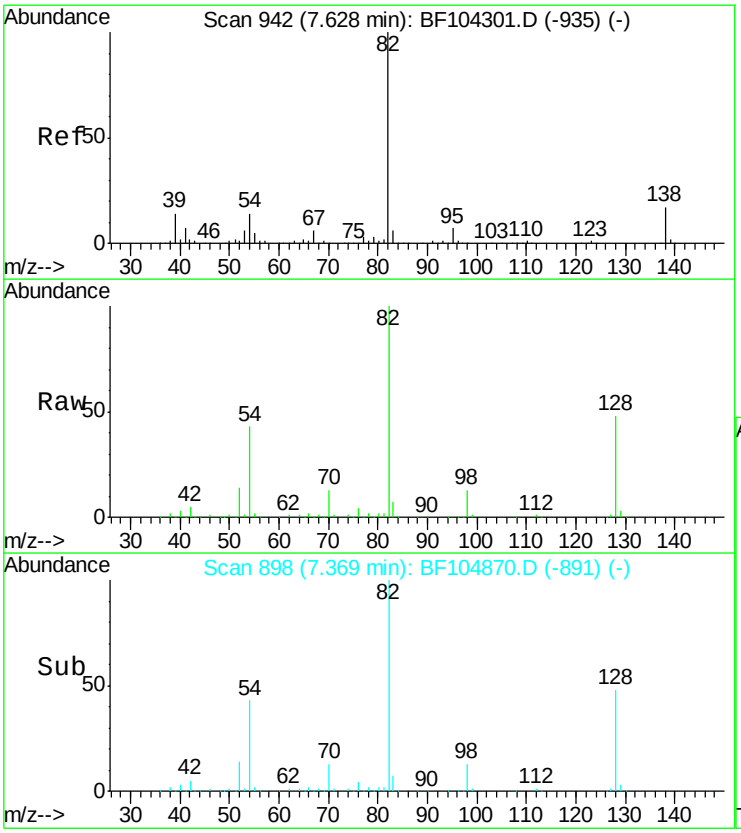
#23
Nitrobenzene-d5
Concen: 87.796 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104870.D
Acq: 27 Apr 2018 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 601970

Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.1	54.1
54	43.0	41.4	62.2

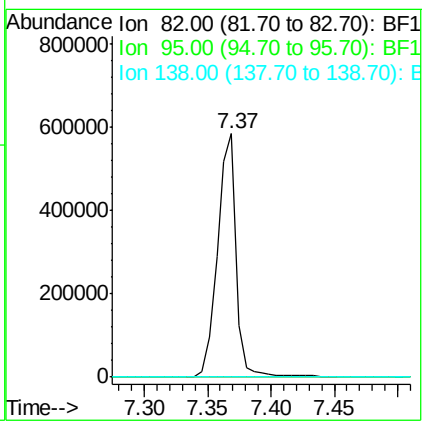


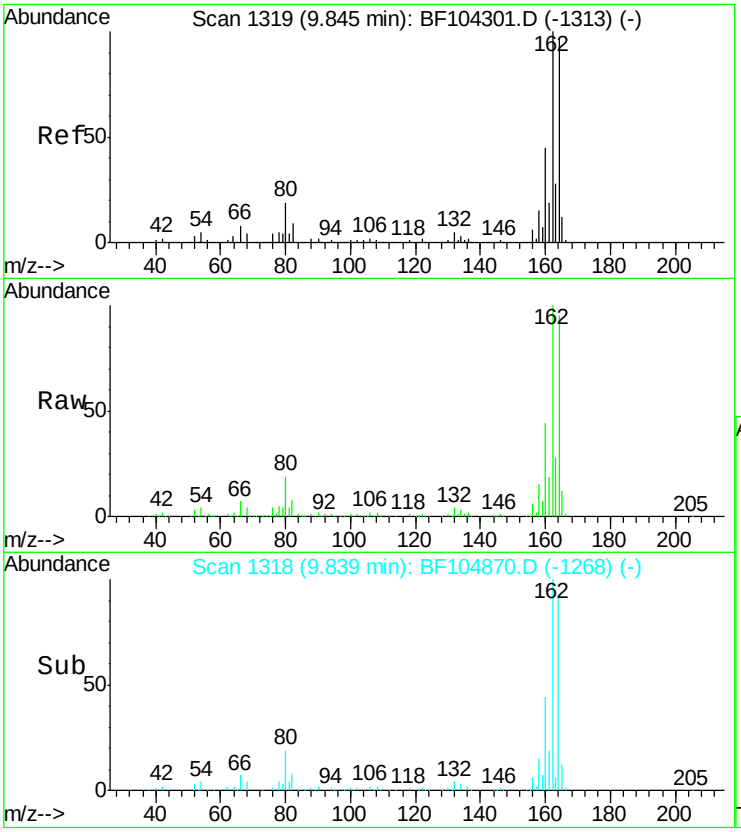


#25
Isophorone
Concen: 41.518 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104870.D
Acq: 27 Apr 2018 8:44

Tgt Ion: 82 Resp: 601962

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



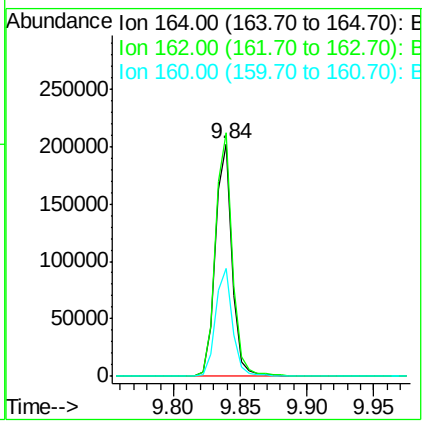


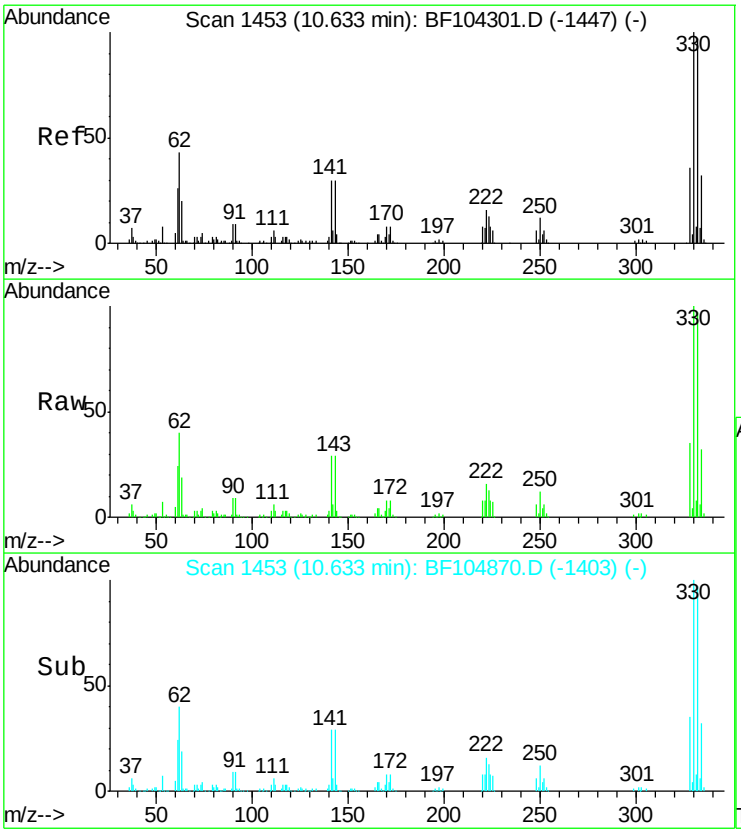
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104870.D
Acq: 27 Apr 2018 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 179434

Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	46.2	38.3	57.5

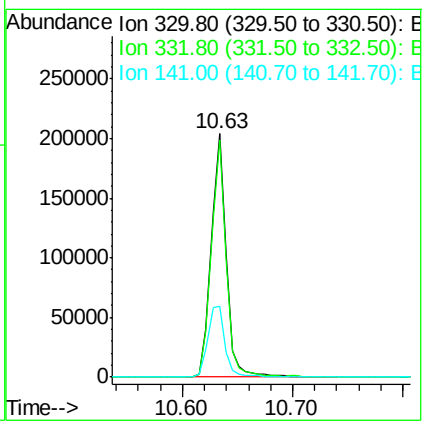


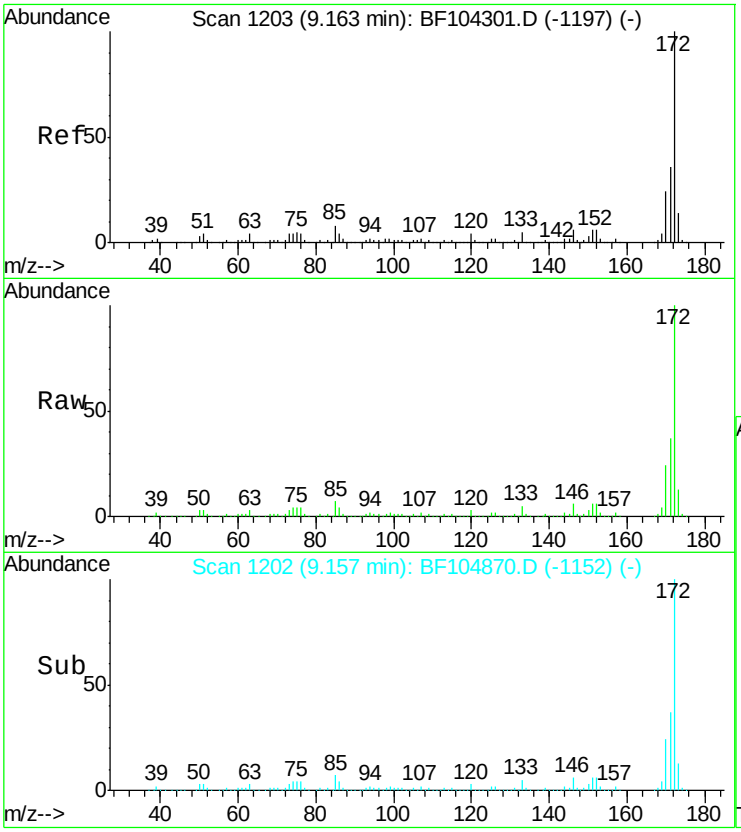


#41
2,4,6-Tribromophenol
Concen: 102.876 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104870.D
Acq: 27 Apr 2018 8:44

Tgt Ion:330 Resp: 191485

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	33.2	29.9	44.9



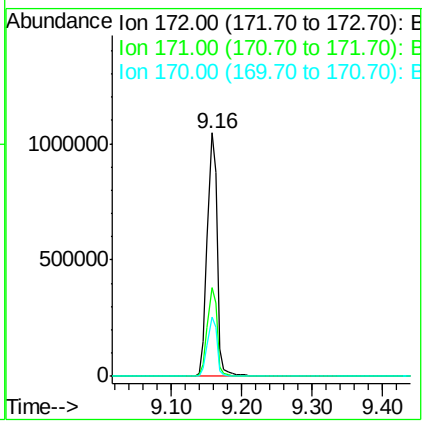


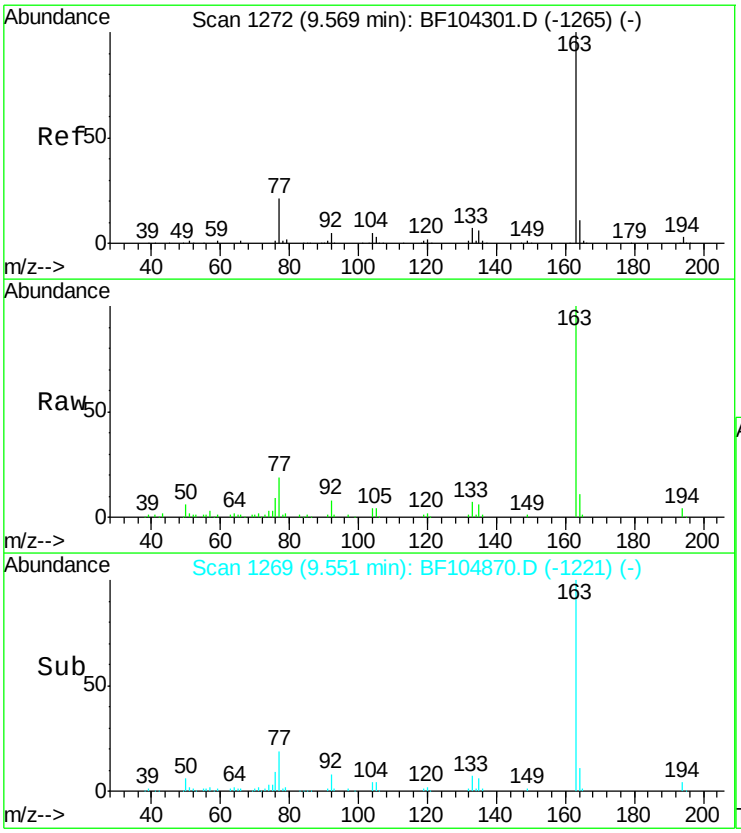
#44
2-Fluorobiphenyl
Concen: 90.262 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF104870.D
Acq: 27 Apr 2018 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1025225

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

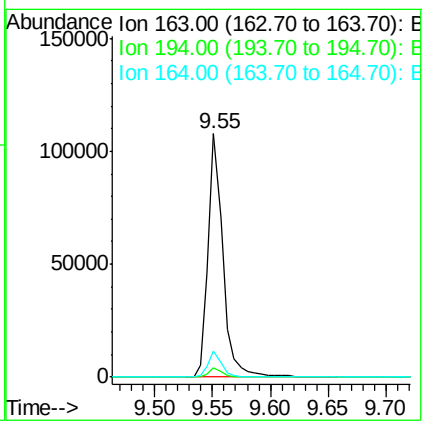


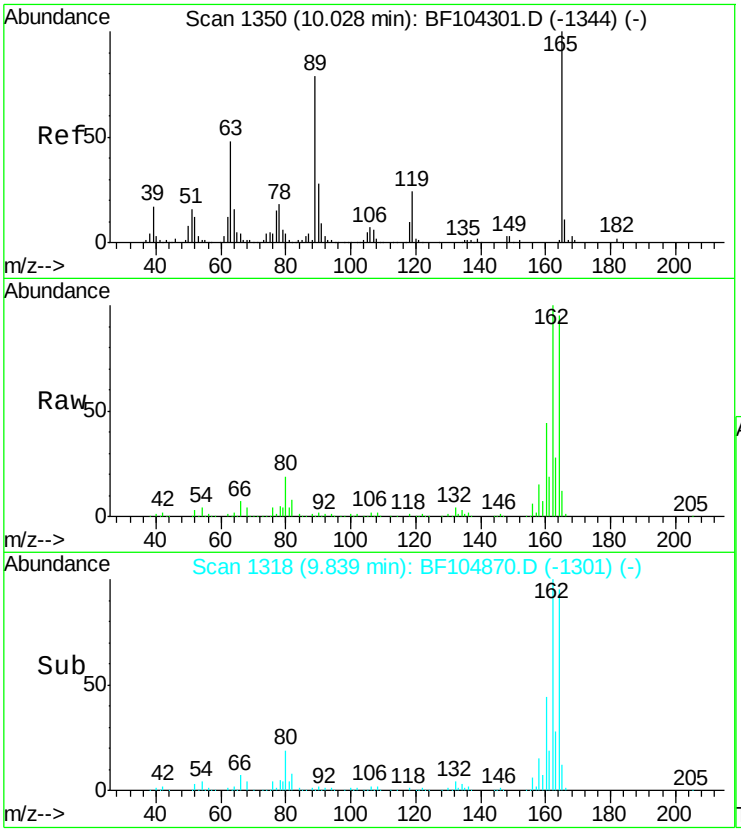


#49
Dimethylphthalate
Concen: 6.801 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104870.D
Acq: 27 Apr 2018 8:44

Tgt Ion:163 Resp: 96238

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.5	8.2	12.2



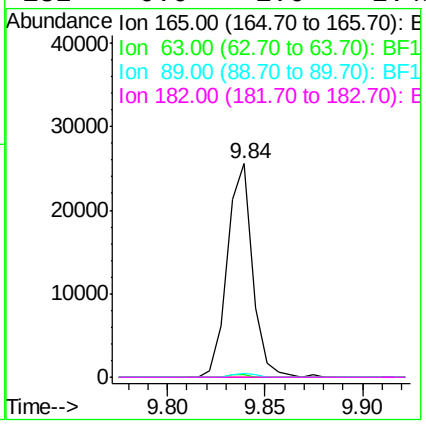


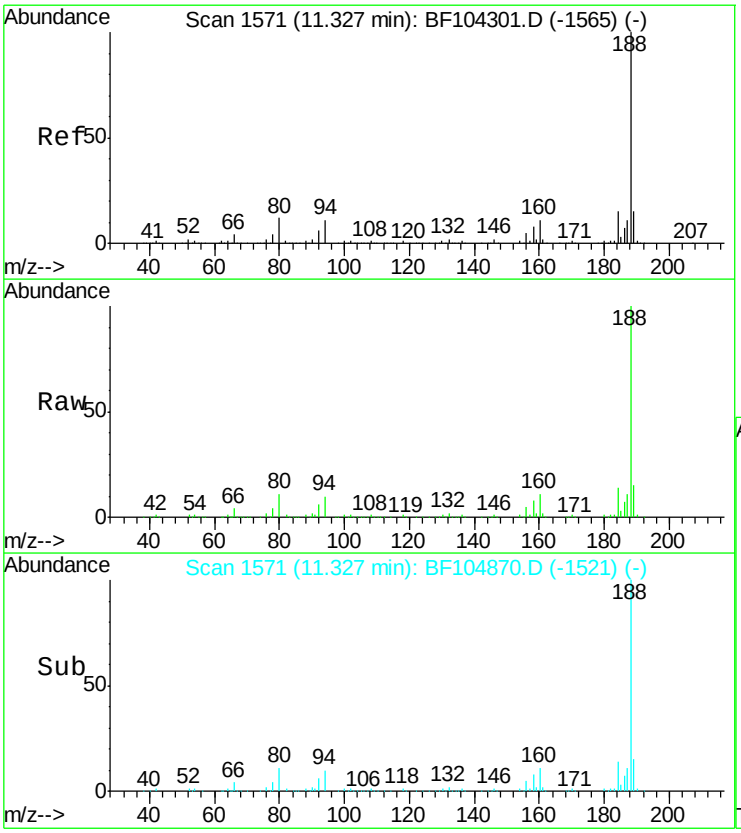
#56
2,4-Dinitrotoluene
Concen: 6.697 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.20 min
Lab File: BF104870.D
Acq: 27 Apr 2018 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22999

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

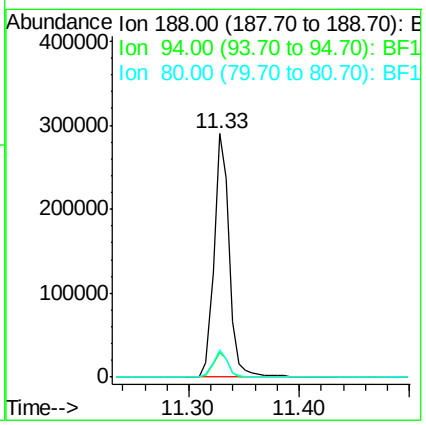


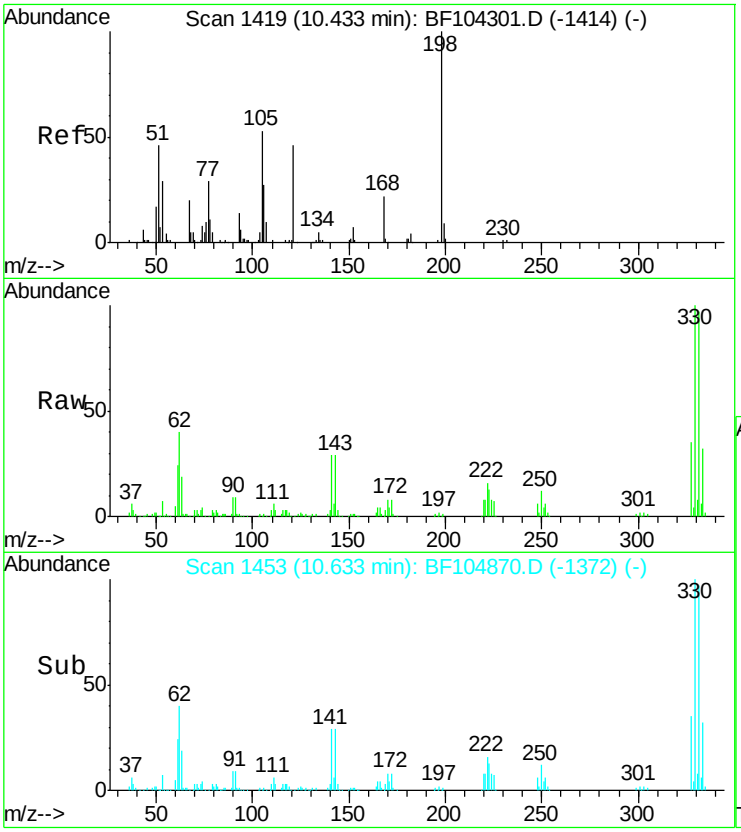


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104870.D
Acq: 27 Apr 2018 8:44

Tgt Ion:188 Resp: 275592

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.2	9.2	13.8



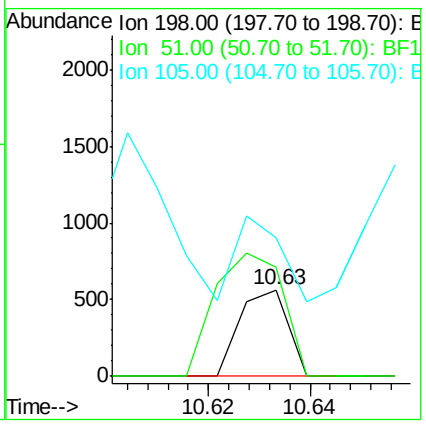


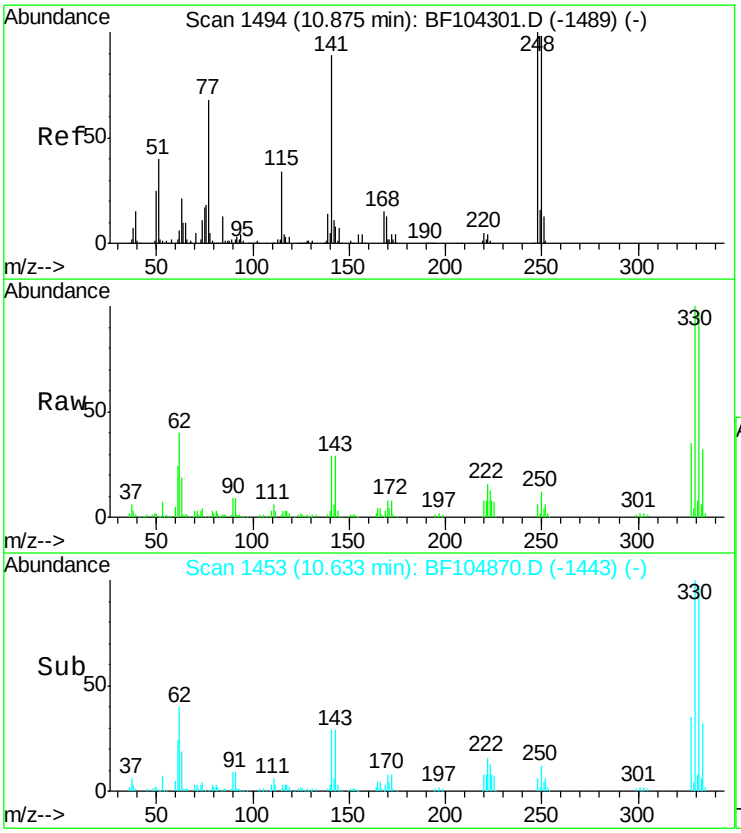
#64
4,6-Dinitro-2-methylphenol
Concen: 7.581 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104870.D
Acq: 27 Apr 2018 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 370

Ion	Ratio	Lower	Upper
198	100		
51	125.5	37.7	77.7#
105	160.3	36.3	76.3#

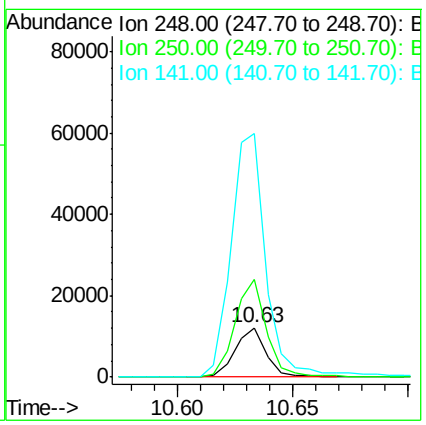


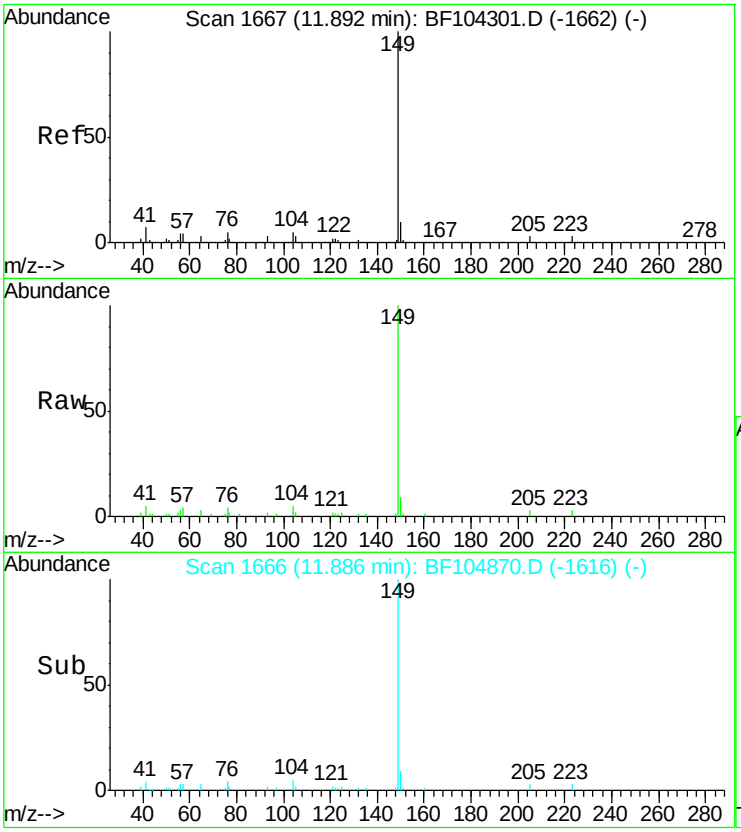


#66
4-Bromophenyl-phenylether
Concen: 3.881 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104870.D
Acq: 27 Apr 2018 8:44

Tgt Ion:248 Resp: 11378

Ion	Ratio	Lower	Upper
248	100		
250	197.6	76.9	115.3#
141	490.9	74.4	111.6#



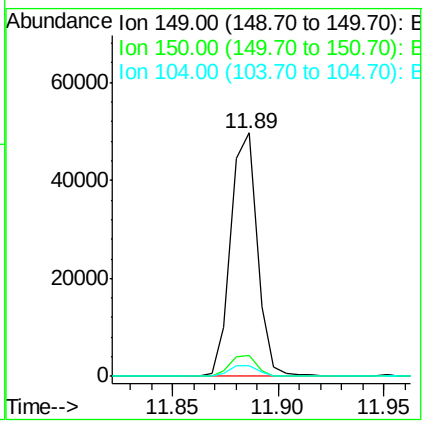


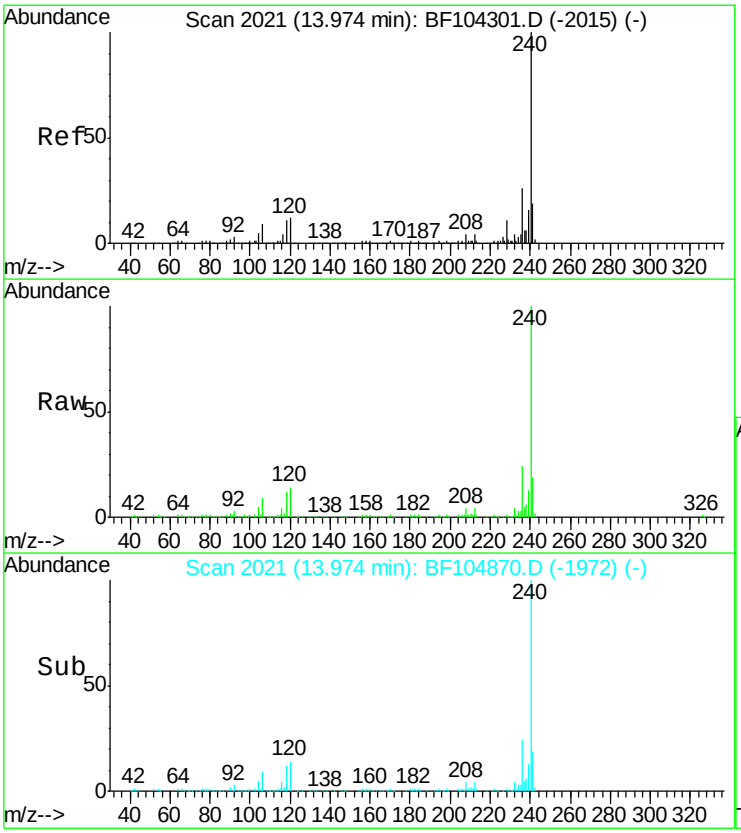
#73
Di-n-butylphthalate
Concen: 2.319 ng
RT: 11.89 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BF104870.D
Acq: 27 Apr 2018 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 43194

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.8	11.6
104	4.6	3.8	5.8

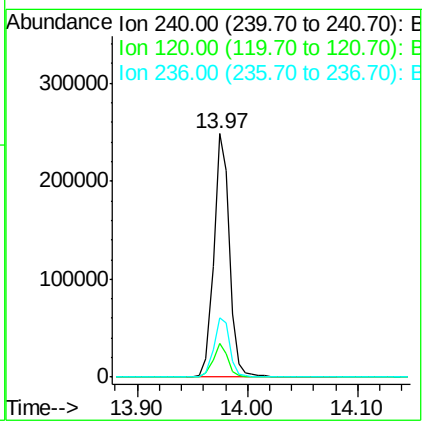


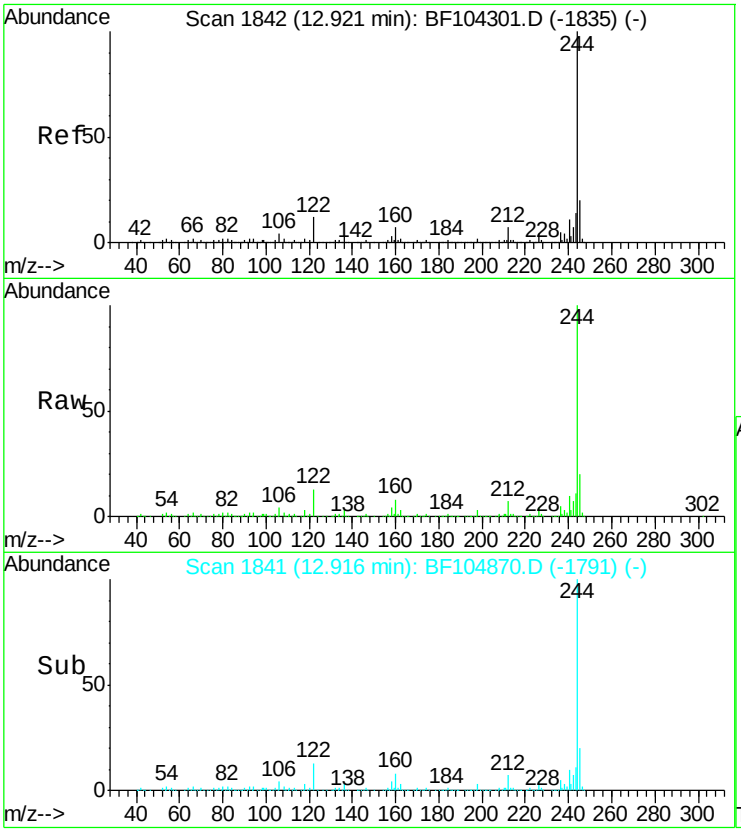


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104870.D
Acq: 27 Apr 2018 8:44

Tgt Ion:240 Resp: 241534

Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	24.2	20.7	31.1



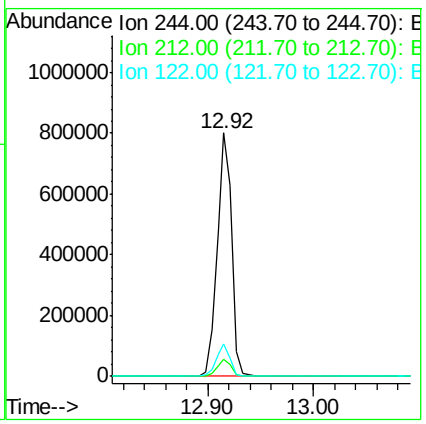


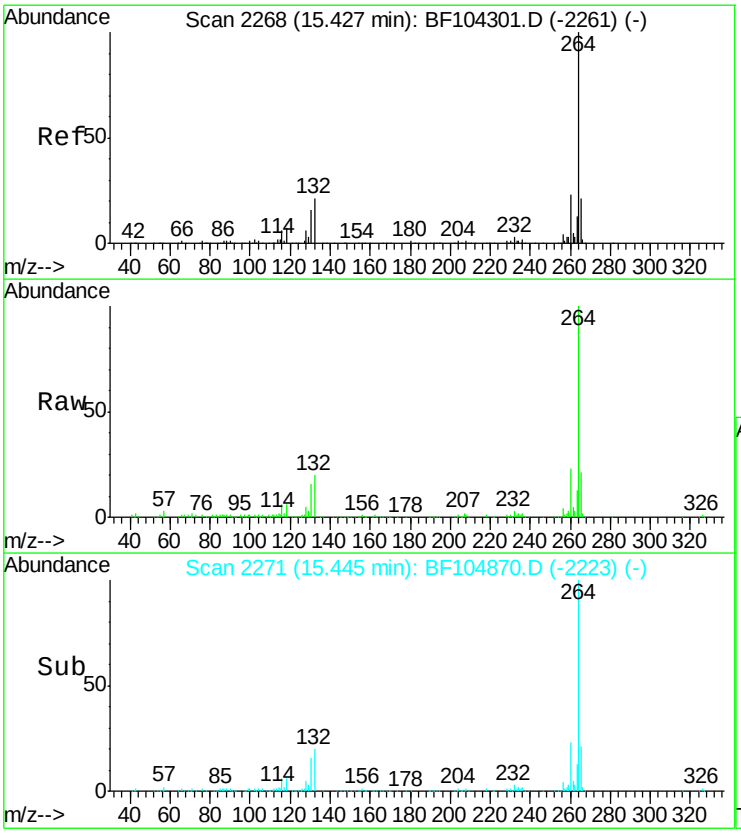
#78
Terphenyl-d14
Concen: 72.787 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104870.D
Acq: 27 Apr 2018 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 771136

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF104870.D
Acq: 27 Apr 2018 8:44

Tgt Ion:264 Resp: 176719

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.7	17.5	26.3