Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104105.D
Acq On : 30 Mar 2018 20:54
Operator : JU/SJ
Sample : PB107829BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 30 23:09:54 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 30 17:20:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	107954	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	471044	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	227842	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	421164	20.00	ng		0.00
75) Chrysene-d12	14.14	240	300115	20.00	ng		0.00
86) Perylene-d12	15.67	264	230084	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	868332	128.27	ng		0.02
7) Phenol-d6	6.59	99	1140423	136.93	ng		0.00
23) Nitrobenzene-d5	7.52	82	685740	89.03	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	304894	120.18	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1338736	92.66	ng		0.00
78) Terphenyl-d14	13.07	244	1336446	102.82	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.73	77	18309	2.841	ng		85
19) n-Nitroso-di-n-propylamine	7.52	70	82727	16.738	ng	#	75
25) Isophorone	7.52	82	685740	48.309	ng	#	64
50) 2,6-Dinitrotoluene	9.99	165	27180	7.023	ng	#	25
56) 2,4-Dinitrotoluene	9.99	165	27463	5.561	ng	#	23
66) 4-Bromophenyl-phenylether	10.79	248	18537	4.114	ng	#	1

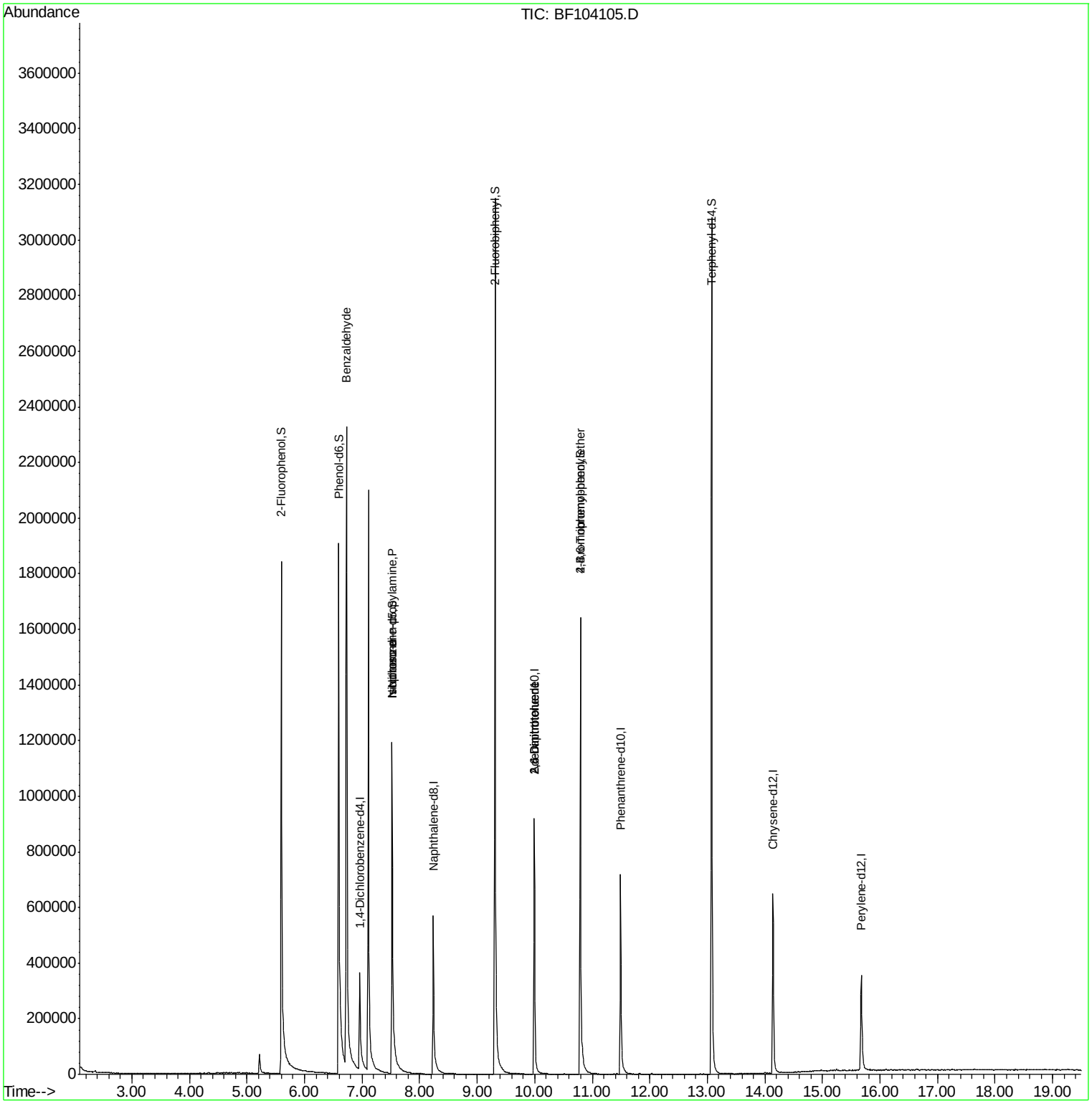
(#) = qualifier out of range (m) = manual integration (+) = signals summed

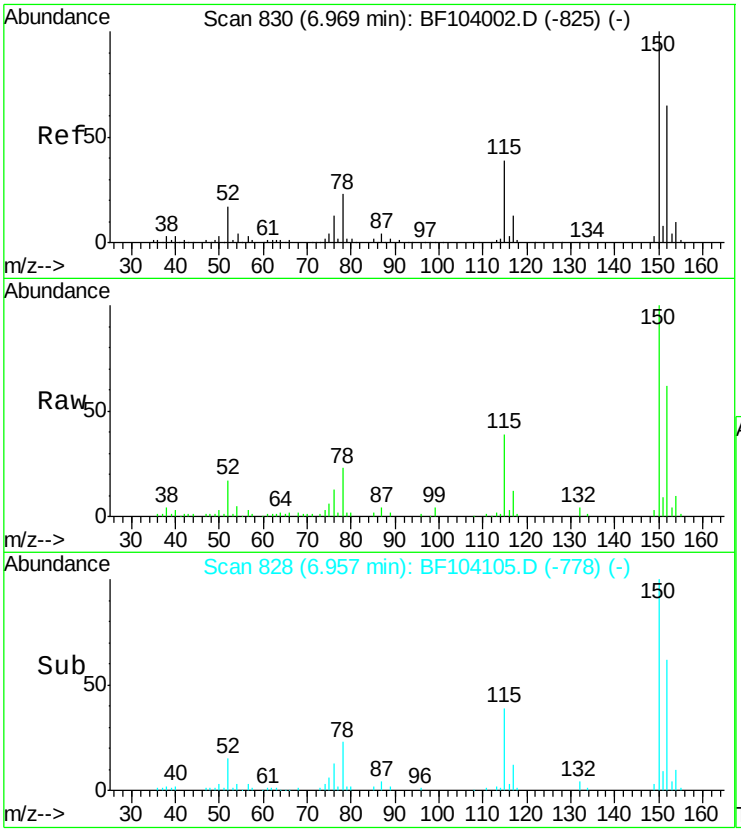
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104105.D
Acq On : 30 Mar 2018 20:54
Operator : JU/SJ
Sample : PB107829BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 30 23:09:54 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 30 17:20:53 2018
Response via : Initial Calibration



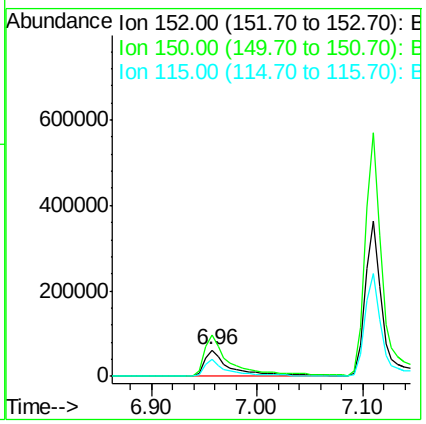


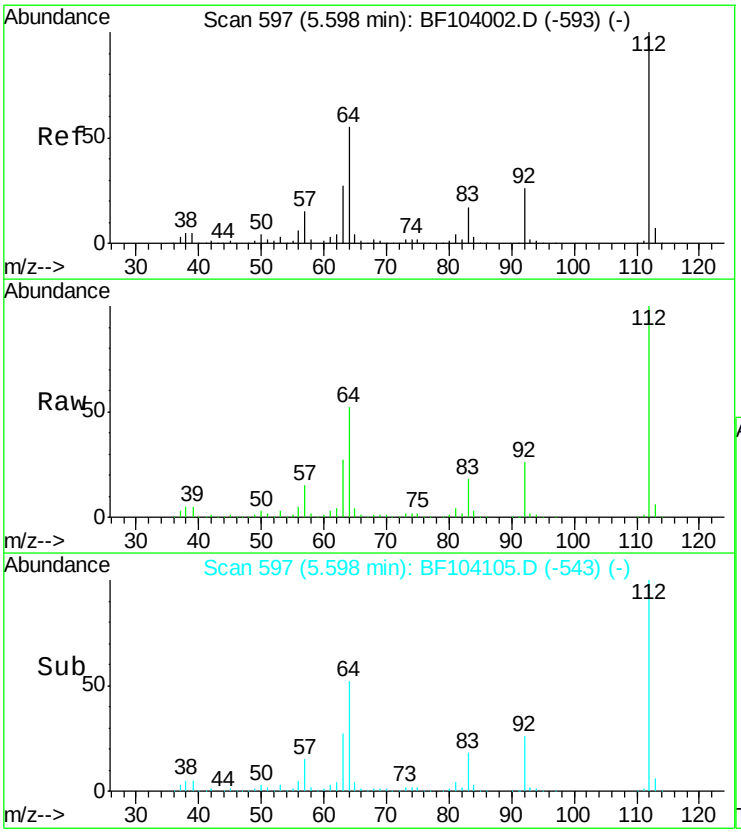
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 107954

Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	63.2	50.1	75.1

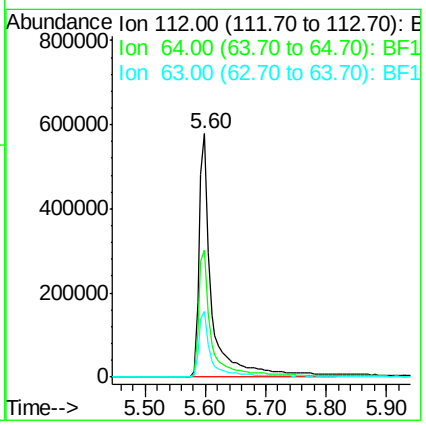


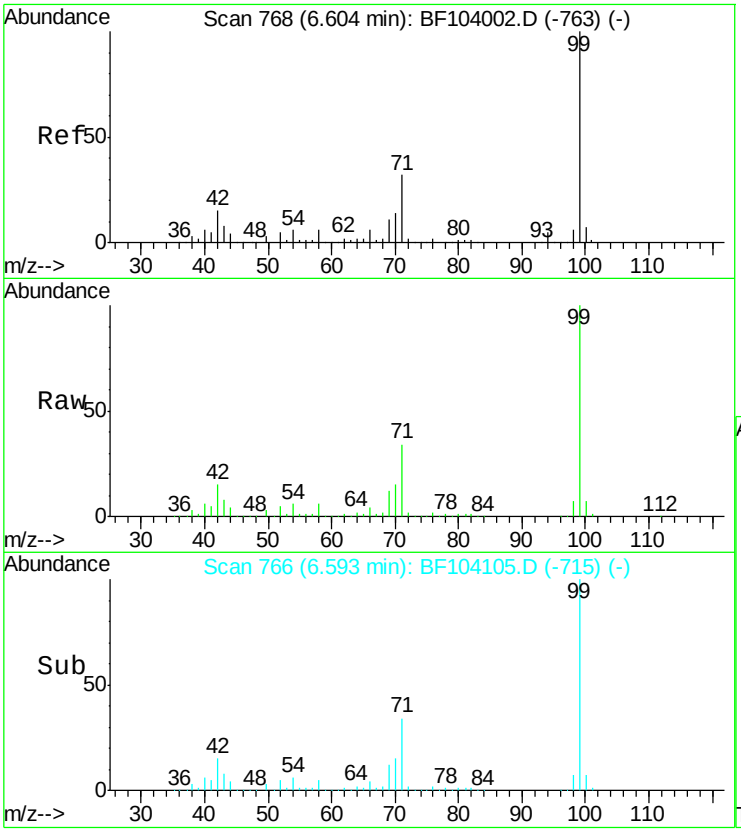


#5
2-Fluorophenol
Concen: 128.274 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.02 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Tgt Ion:112 Resp: 868332

Ion	Ratio	Lower	Upper
112	100		
64	52.4	47.9	71.9
63	27.1	23.7	35.5



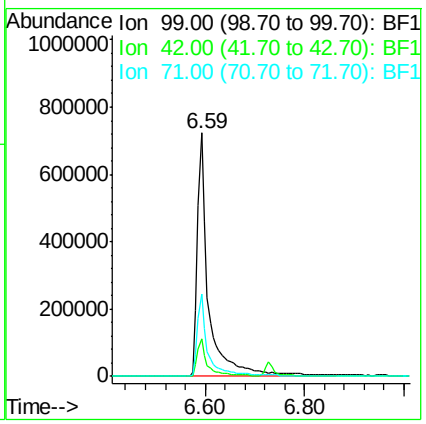


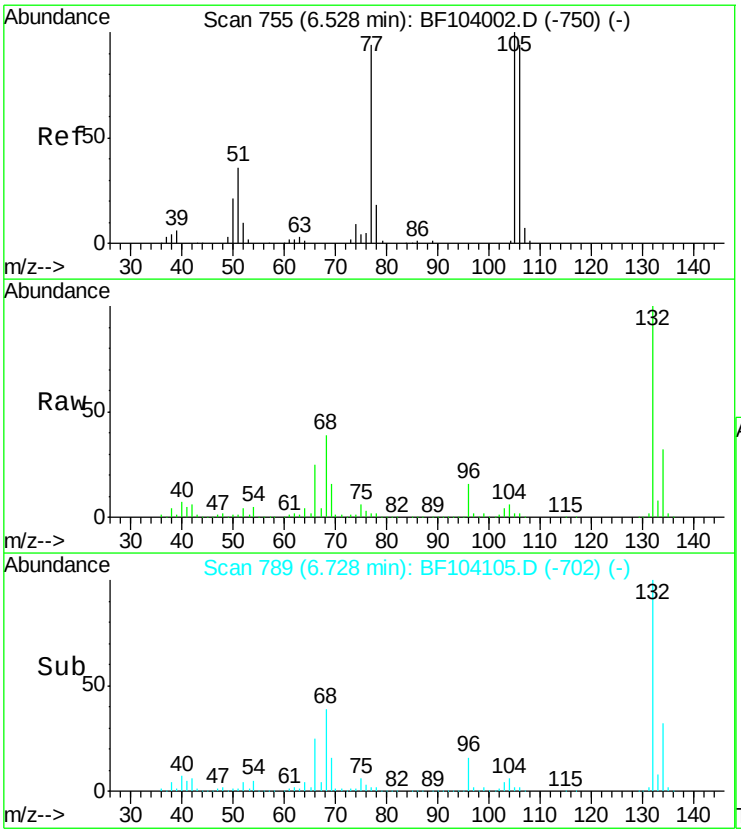
#7
Phenol-d6
Concen: 136.933 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1140423

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.5	21.7
71	33.9	25.4	38.0

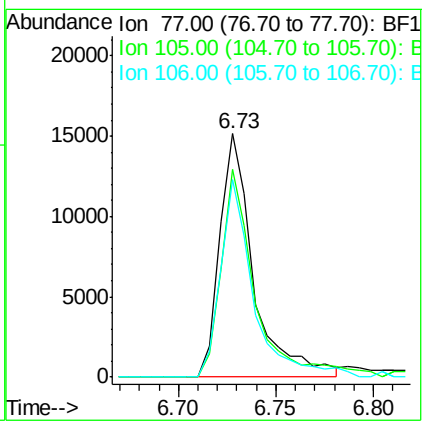


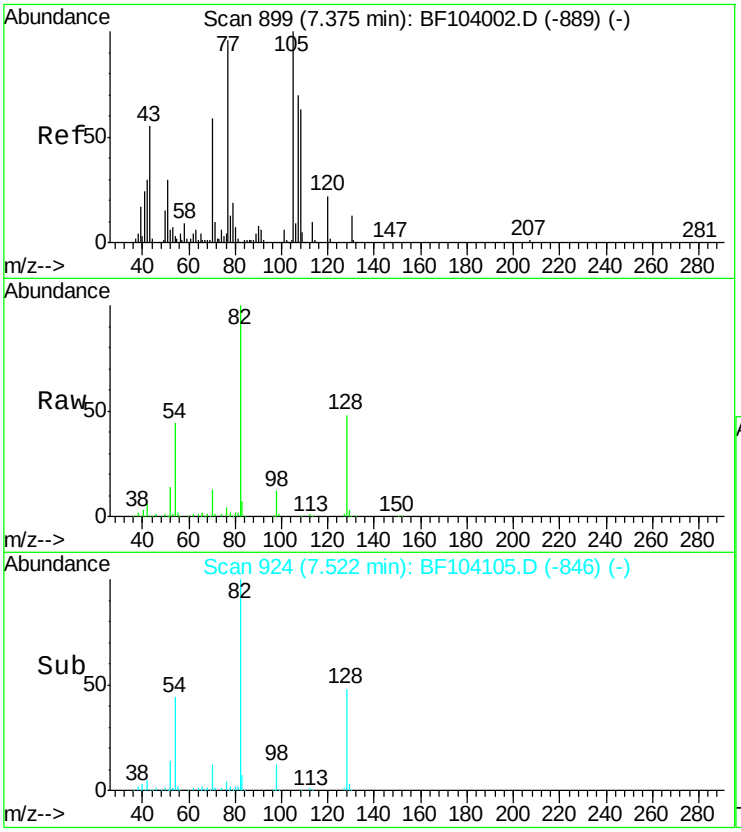


#9
Benzaldehyde
Concen: 2.841 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.21 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Tgt Ion: 77 Resp: 18309

Ion	Ratio	Lower	Upper
77	100		
105	85.6	81.1	121.1
106	81.1	74.5	114.5



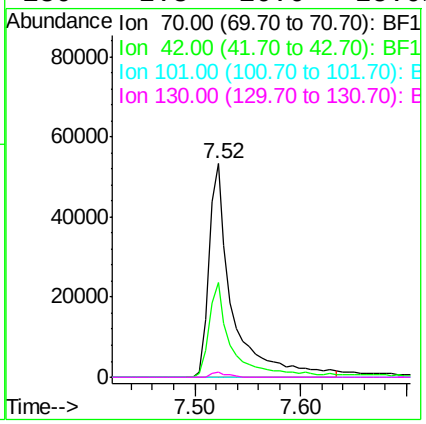


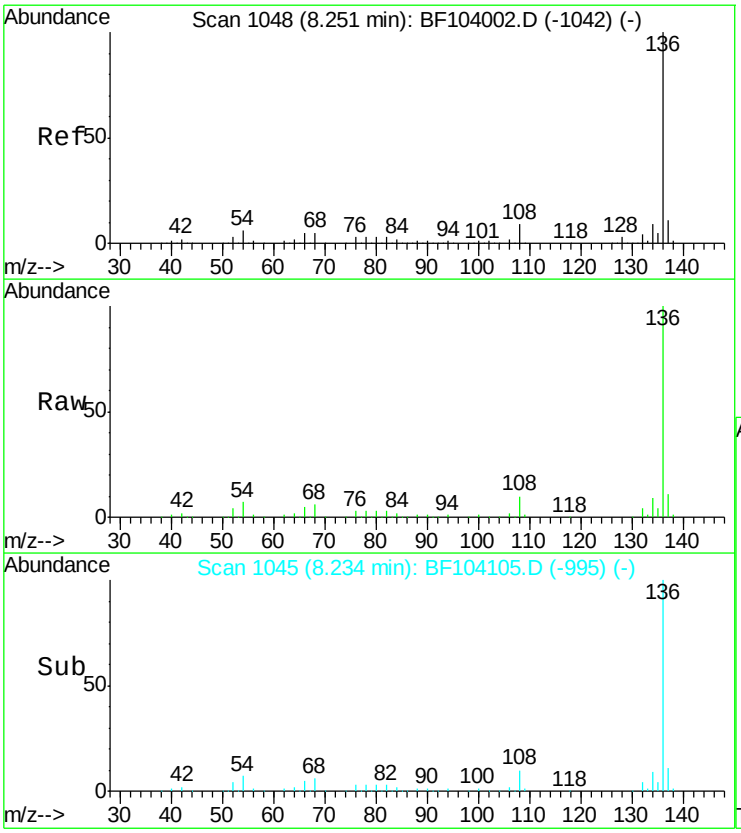
#19
n-Nitroso-di-n-propylamine
Concen: 16.738 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 82727

Ion	Ratio	Lower	Upper
70	100		
42	44.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

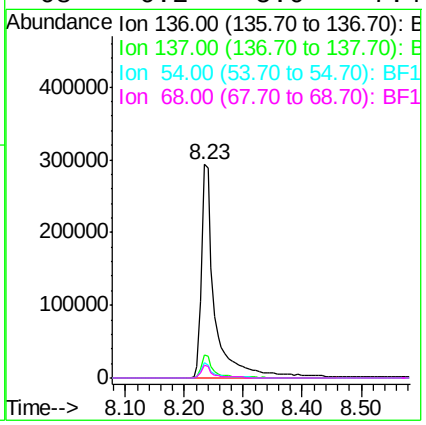


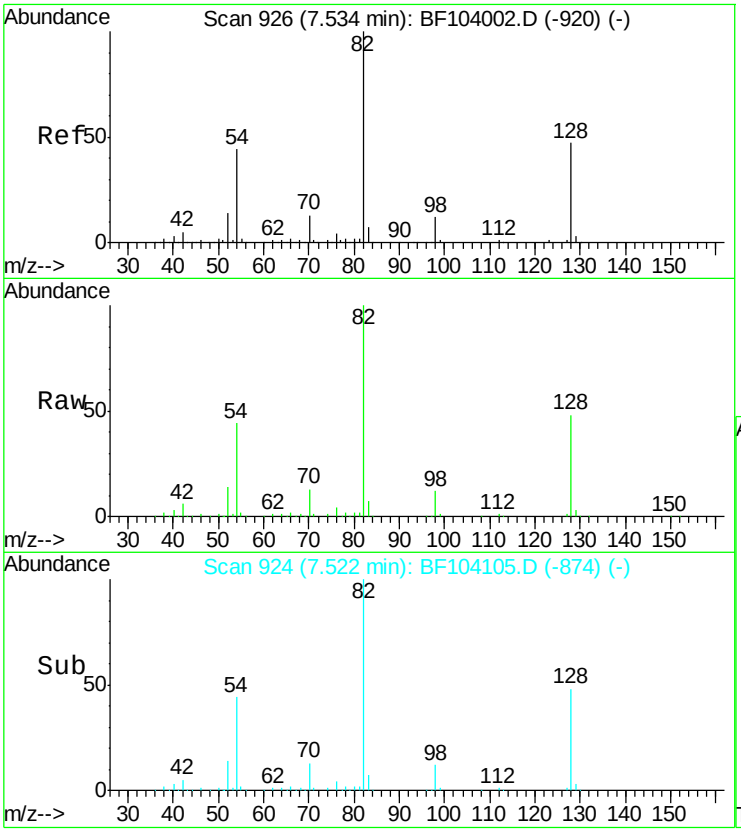


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Tgt Ion:136 Resp: 471044

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.2	6.6	9.8
68	6.2	5.0	7.4



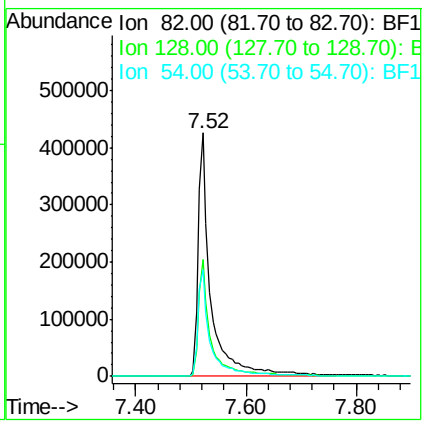


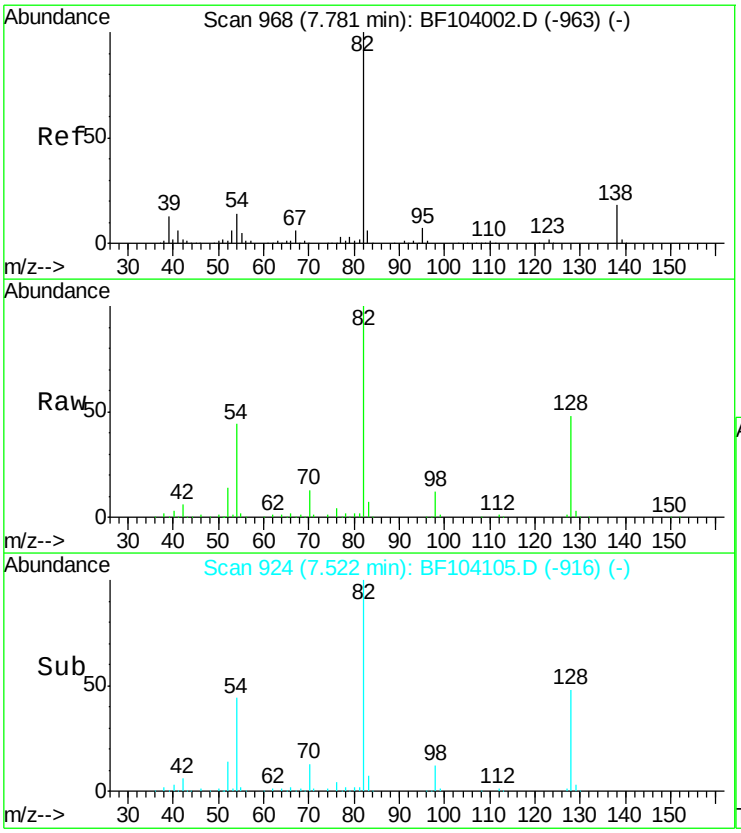
#23
Nitrobenzene-d5
Concen: 89.029 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 685740

Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	43.7	41.4	62.2

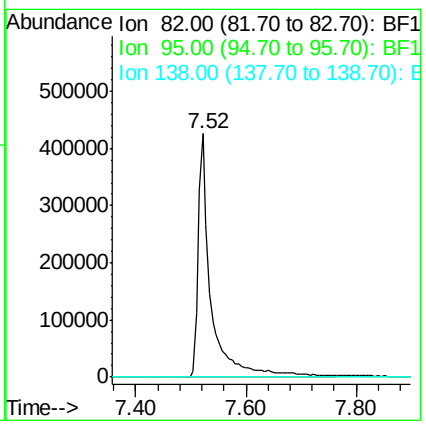


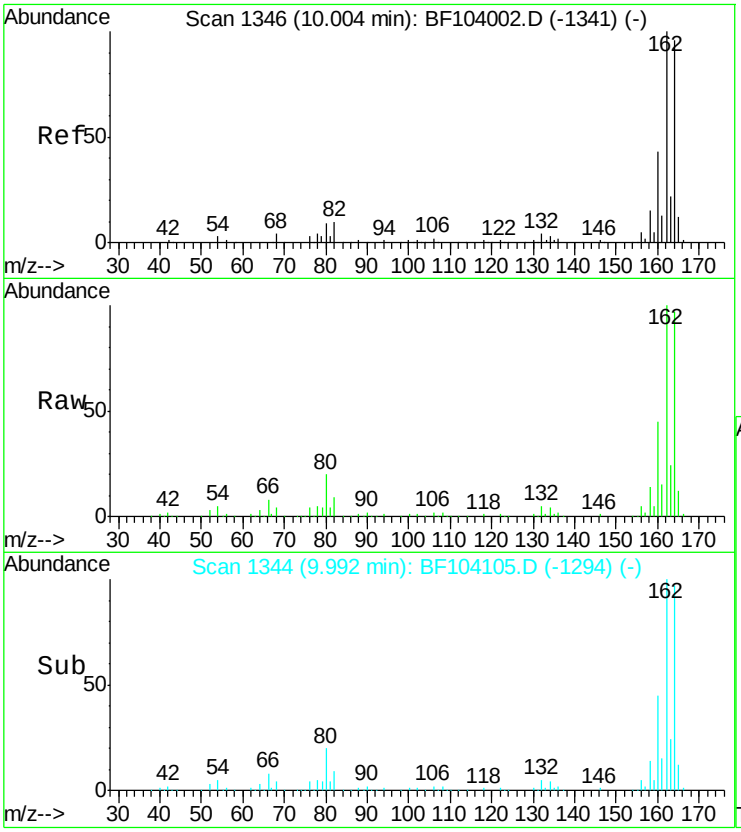


#25
Isophorone
Concen: 48.309 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Tgt Ion: 82 Resp: 685740

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



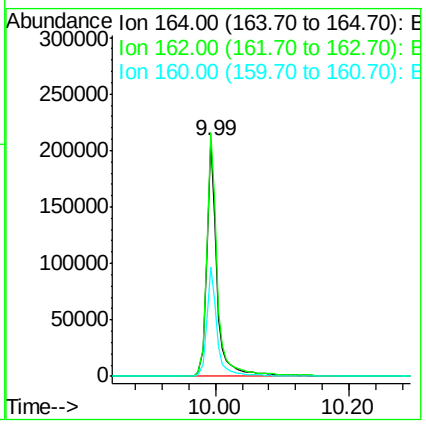


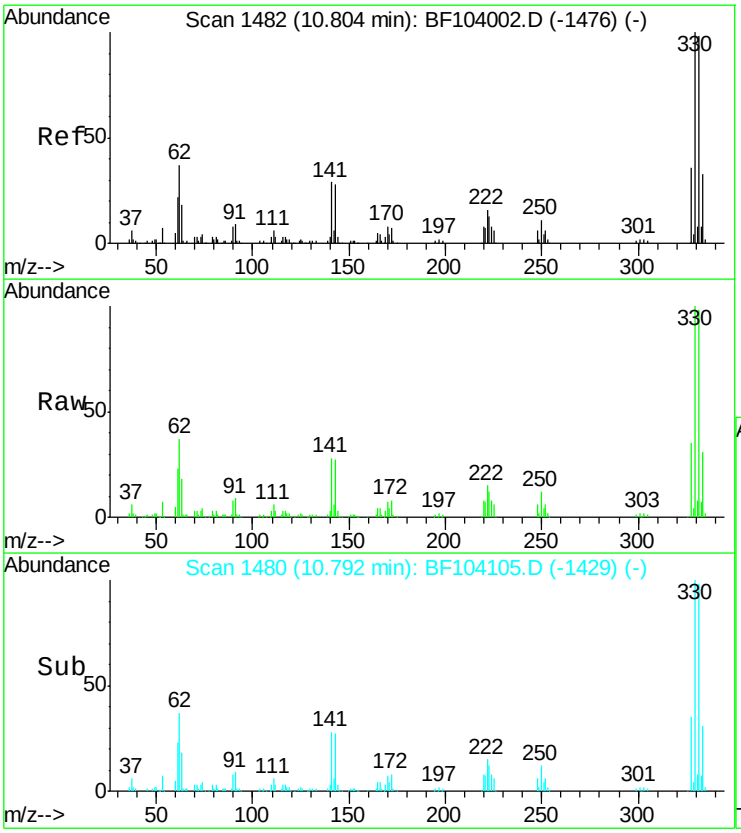
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 227842

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.4	38.3	57.5

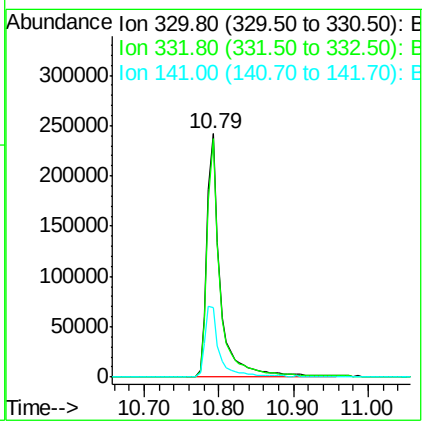


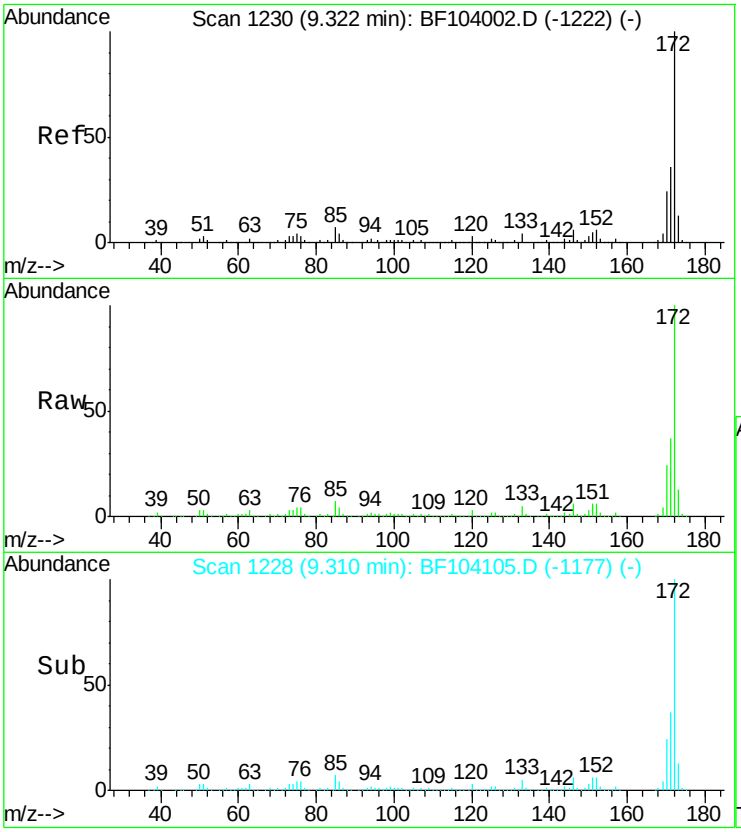


#41
2,4,6-Tribromophenol
Concen: 120.178 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Tgt Ion:330 Resp: 304894

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	31.6	29.9	44.9



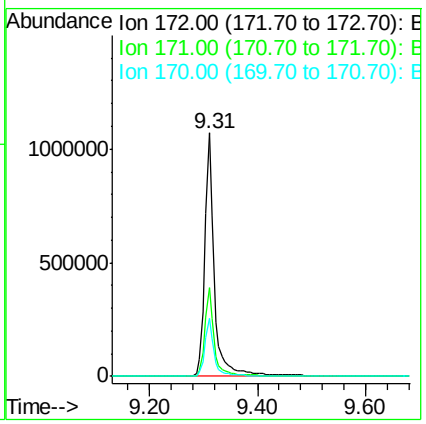


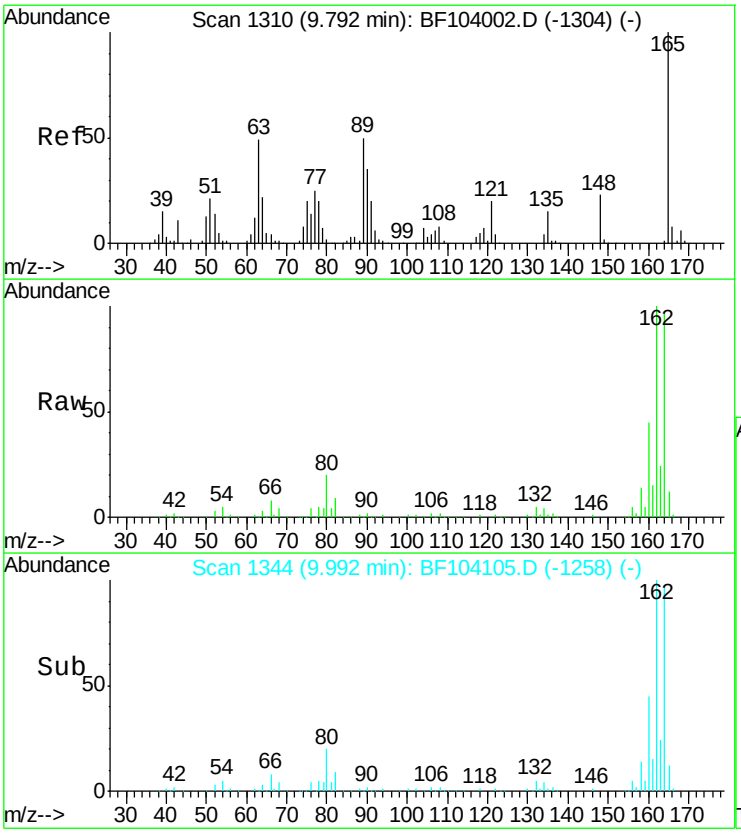
#44
2-Fluorobiphenyl
Concen: 92.655 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1338736

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	23.8	19.6	29.4

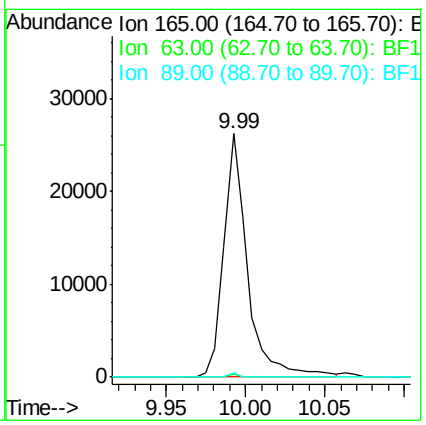


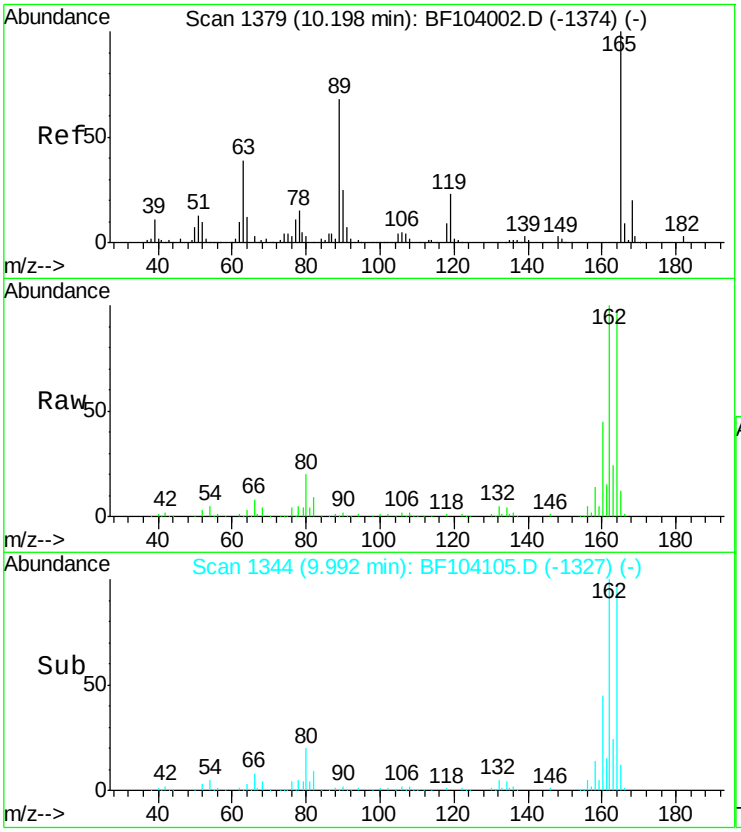


#50
2,6-Dinitrotoluene
Concen: 7.023 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.21 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Tgt Ion:165 Resp: 27180

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



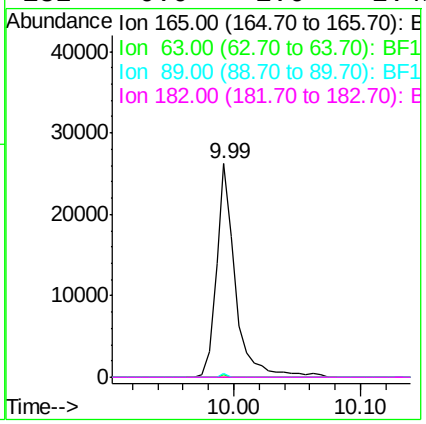


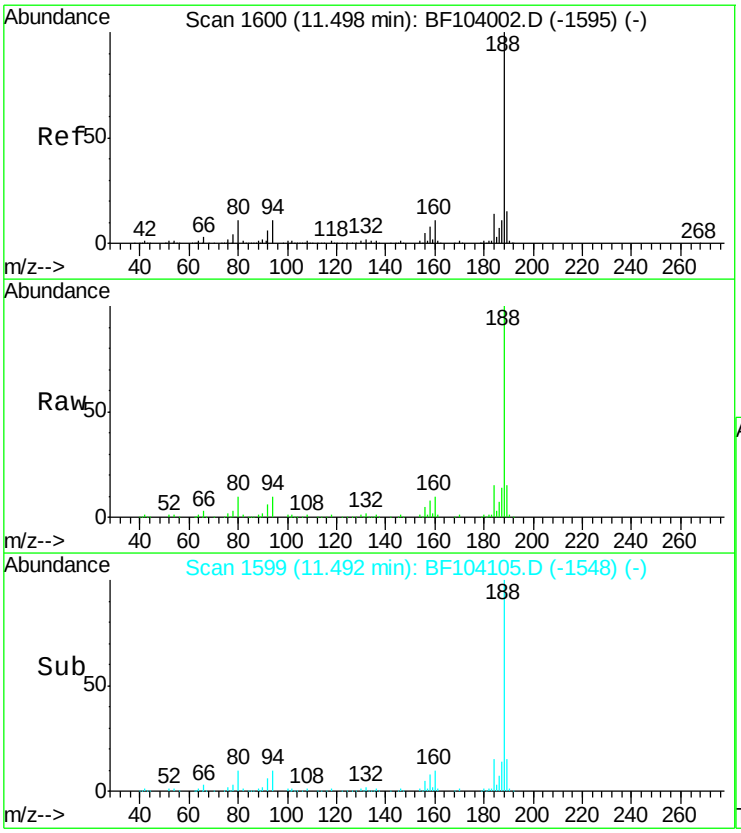
#56
2,4-Dinitrotoluene
Concen: 5.561 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 27463

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

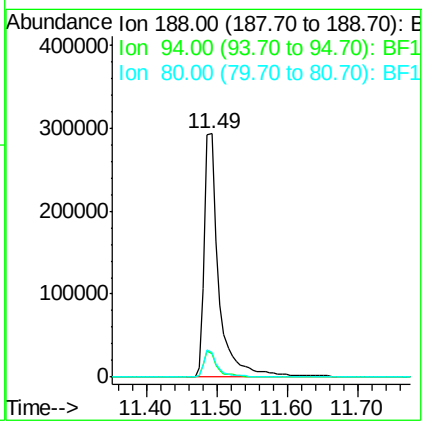


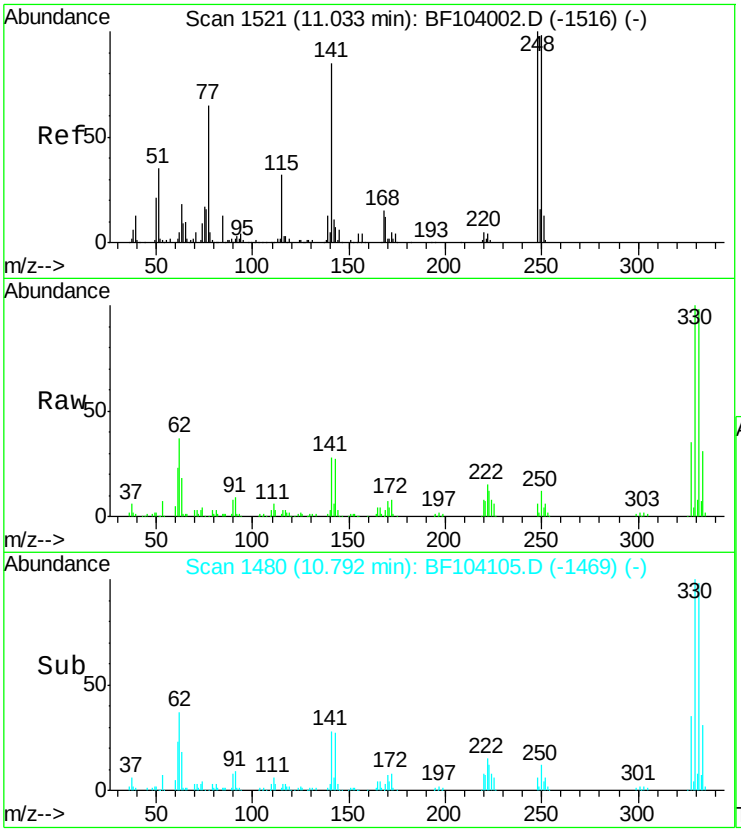


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Tgt Ion:188 Resp: 421164

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.1	9.2	13.8



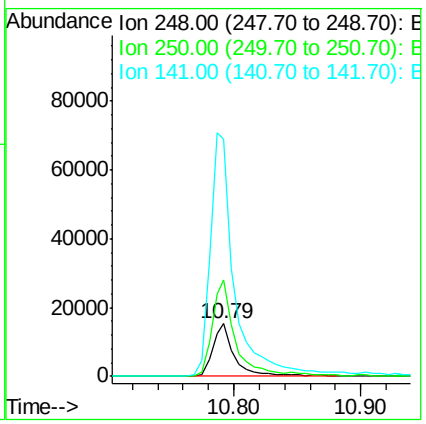


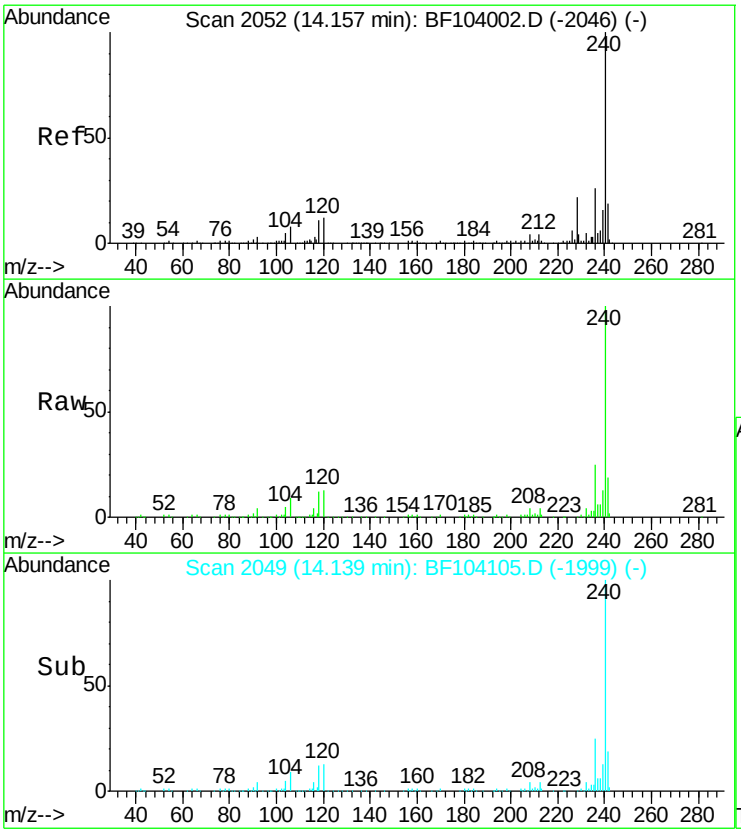
#66
4-Bromophenyl-phenylether
Concen: 4.114 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 18537

Ion	Ratio	Lower	Upper
248	100		
250	183.3	76.9	115.3#
141	452.3	74.4	111.6#

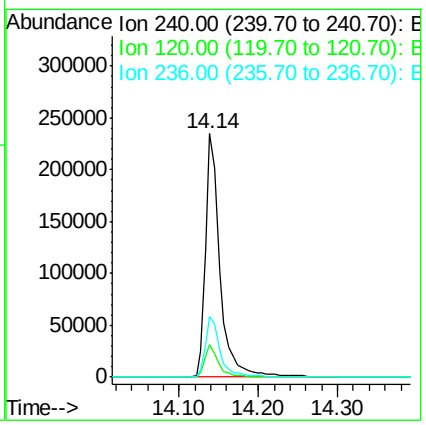


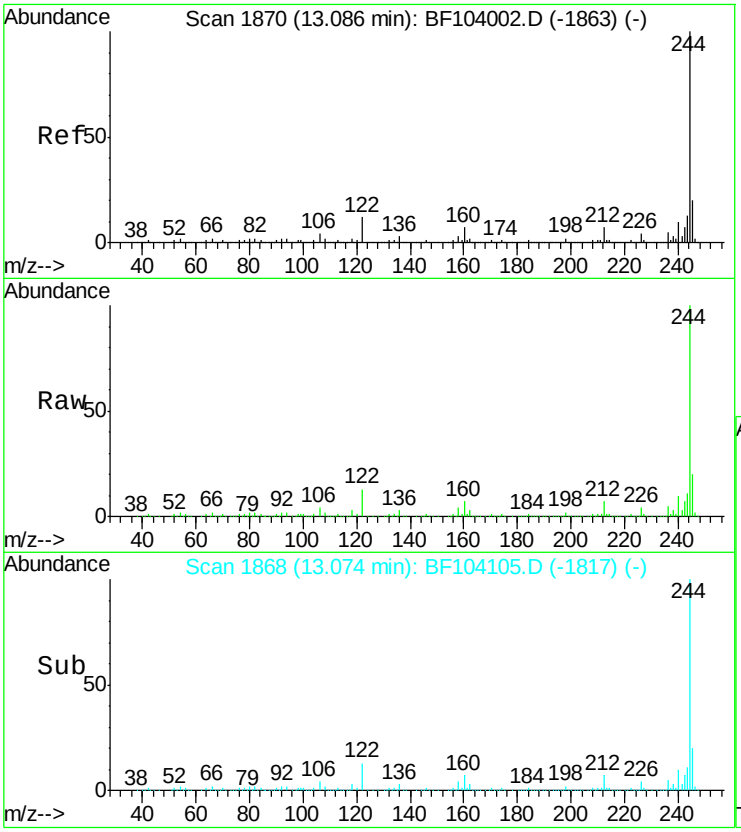


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Tgt Ion:240 Resp: 300115

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	25.0	20.7	31.1



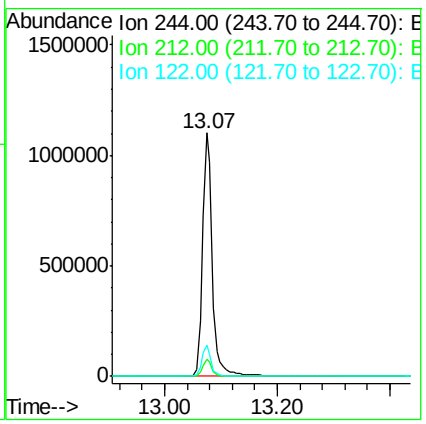


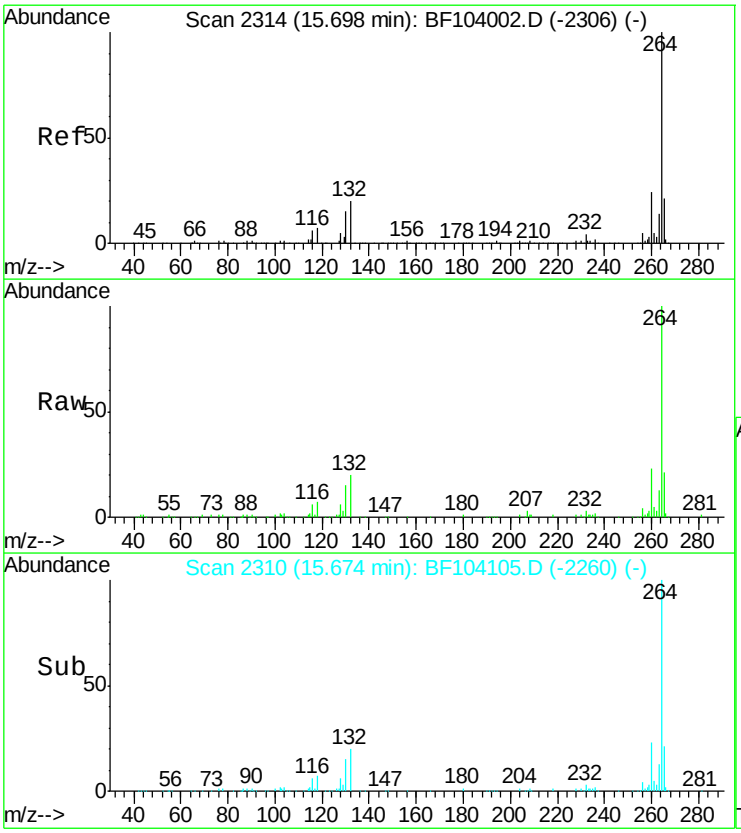
#78
Terphenyl-d14
Concen: 102.820 ng
RT: 13.07 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1336446

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BF104105.D
Acq: 30 Mar 2018 20:54

Tgt Ion:264 Resp: 230084

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.0	17.5	26.3