Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104765.D
Acq On : 24 Apr 2018 19:14
Operator : JU/SJ
Sample : J2504-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 24 21:58:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	98848	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	406245	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	176958	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	286887	20.00	ng		0.00
75) Chrysene-d12	13.99	240	226336	20.00	ng		0.00
86) Perylene-d12	15.46	264	156499	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	839100	129.80	ng		0.02
7) Phenol-d6	6.46	99	1033260	130.09	ng		0.01
23) Nitrobenzene-d5	7.38	82	621559	99.91	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	233238	127.06	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1064380	95.02	ng		0.00
78) Terphenyl-d14	12.93	244	900198	90.67	ng		0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.46	77	1655	Below Cal		#	1
10) Phenol	6.47	94	22046	2.616	ng		93
19) n-Nitroso-di-n-propylamine	7.38	70	82259	15.848	ng	#	71
25) Isophorone	7.38	82	621552	47.245	ng	#	64
49) Dimethylphthalate	9.56	163	149608	10.721	ng		100
56) 2,4-Dinitrotoluene	9.85	165	22127	6.533	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.65	198	314	7.537	ng	#	1
66) 4-Bromophenyl-phenylether	10.65	248	14504	4.753	ng	#	1
76) Benzidine	12.93	184	12033	Below Cal			95

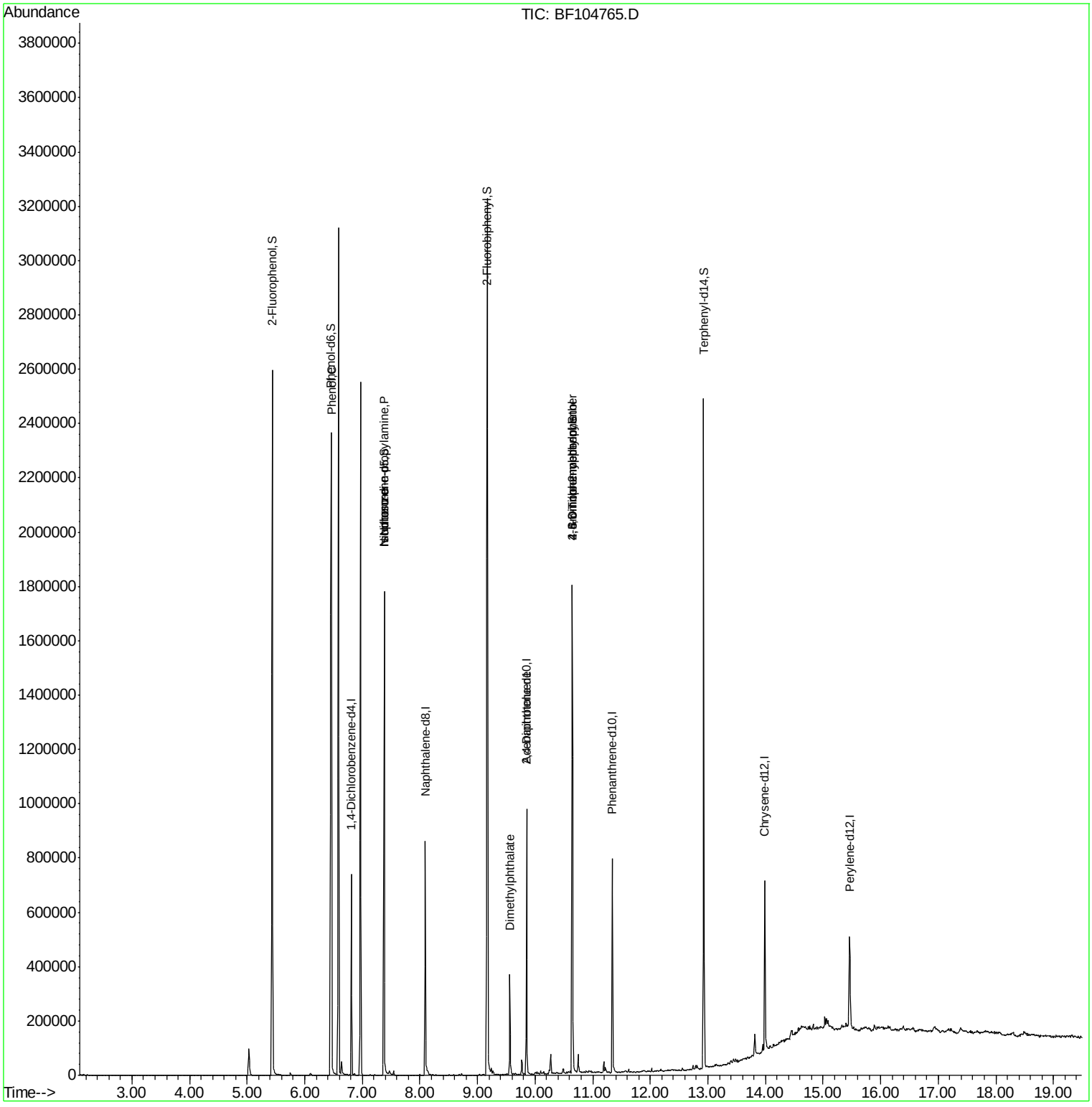
(#) = qualifier out of range (m) = manual integration (+) = signals summed

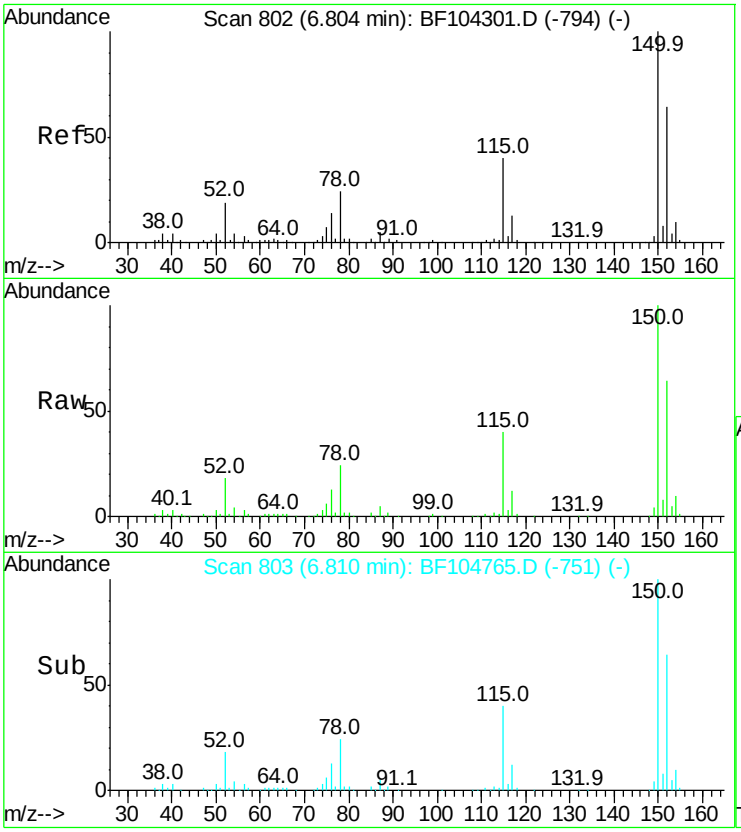
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104765.D
Acq On : 24 Apr 2018 19:14
Operator : JU/SJ
Sample : J2504-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 24 21:58:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration



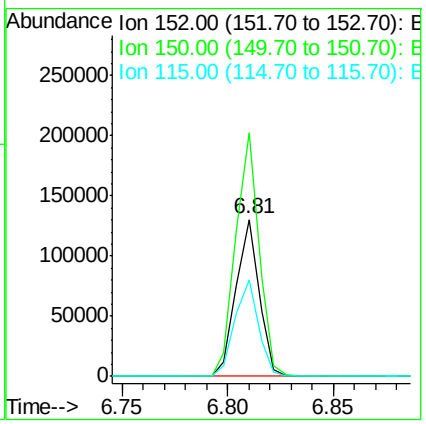


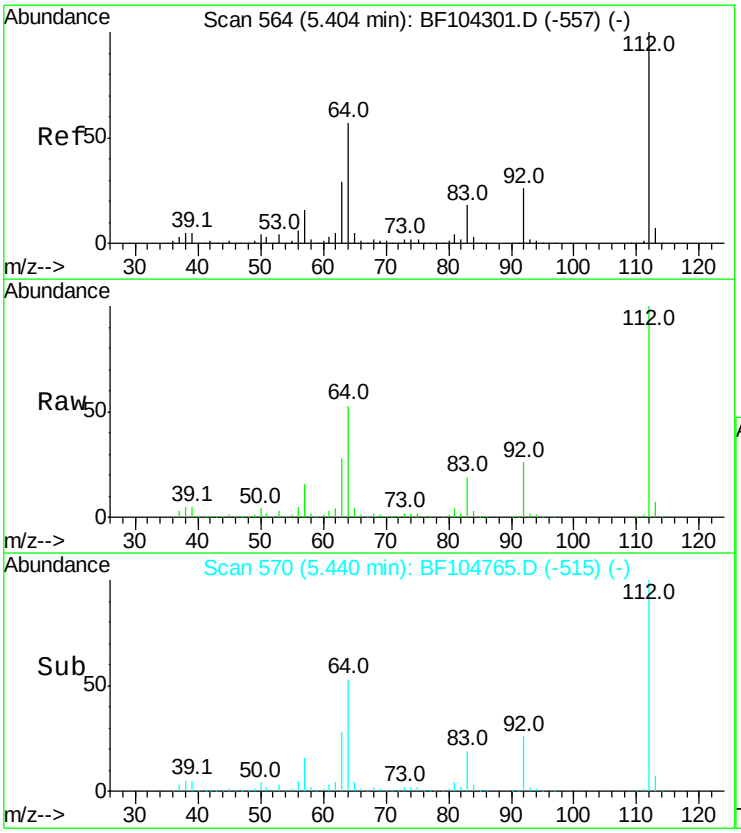
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 98848

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	61.7	50.1	75.1

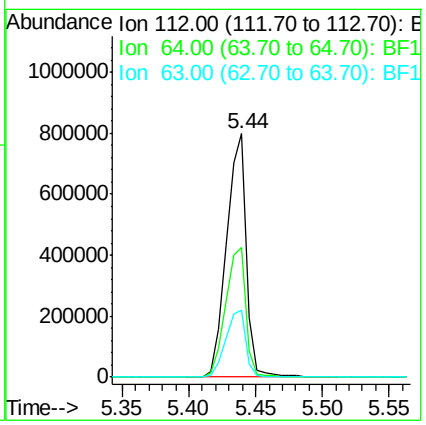


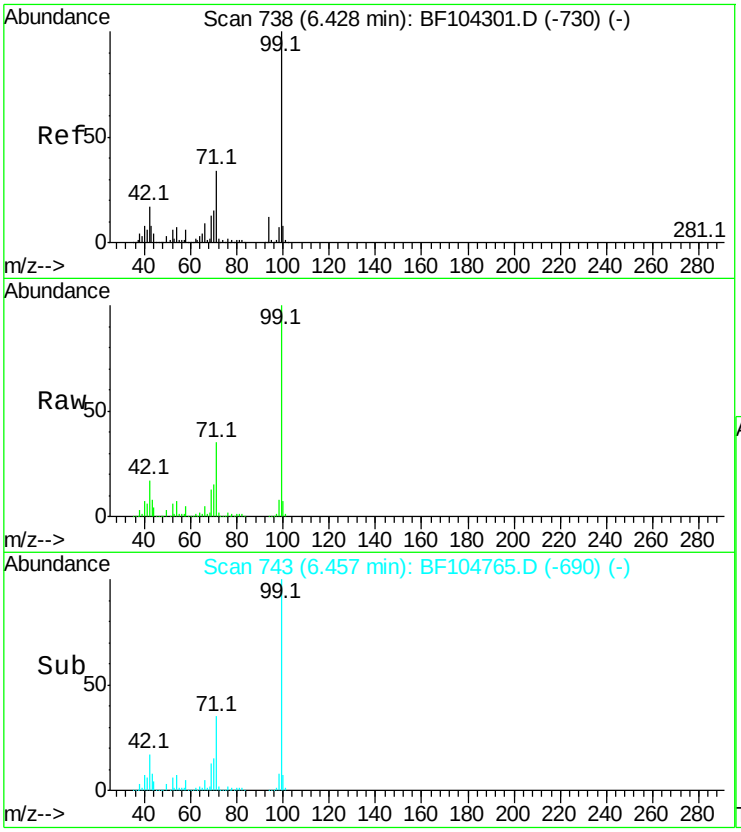


#5
2-Fluorophenol
Concen: 129.798 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

Tgt Ion:112 Resp: 839100

Ion	Ratio	Lower	Upper
112	100		
64	53.1	47.9	71.9
63	27.8	23.7	35.5



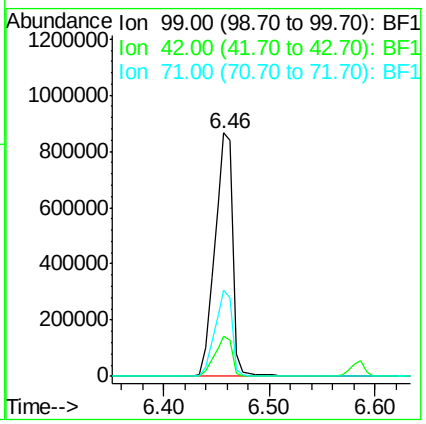


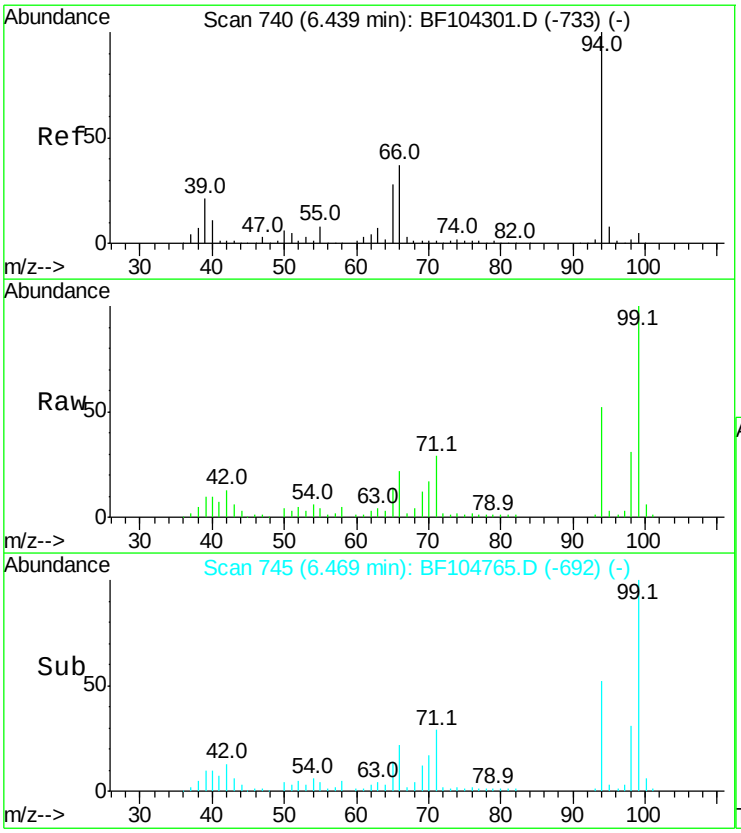
#7
Phenol-d6
Concen: 130.085 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1033260

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.5	21.7
71	35.5	25.4	38.0

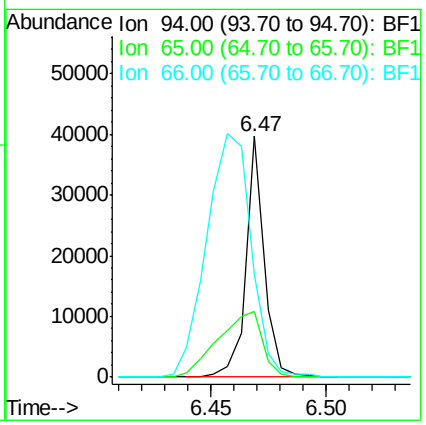


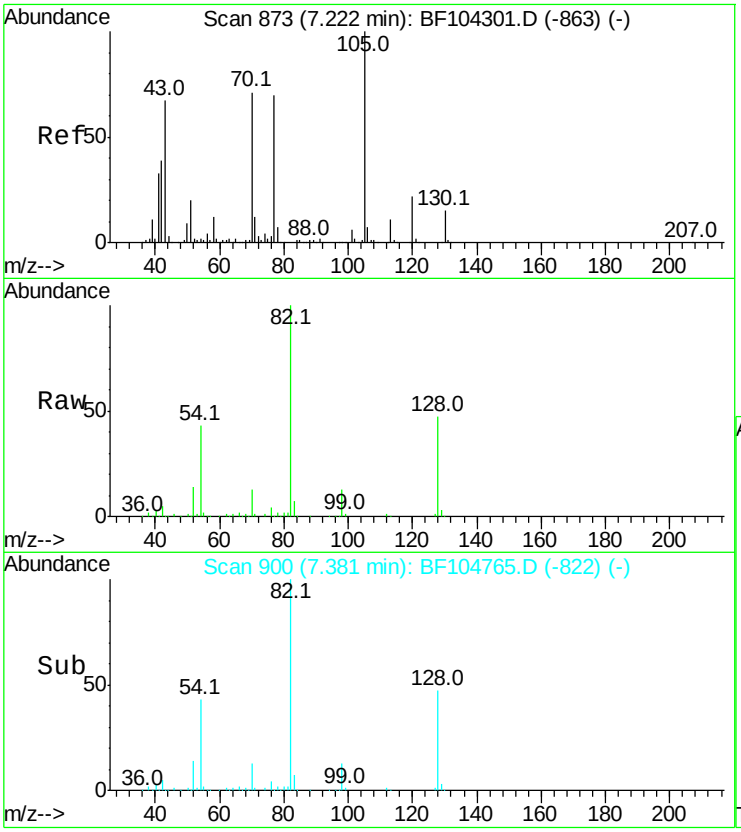


#10
Phenol
Concen: 2.616 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

Tgt Ion: 94 Resp: 22046

Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.9	47.9
66	42.9	16.2	56.2



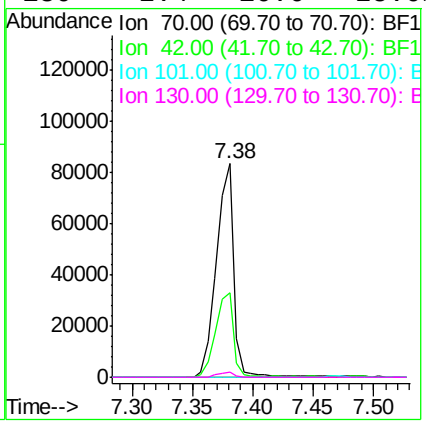


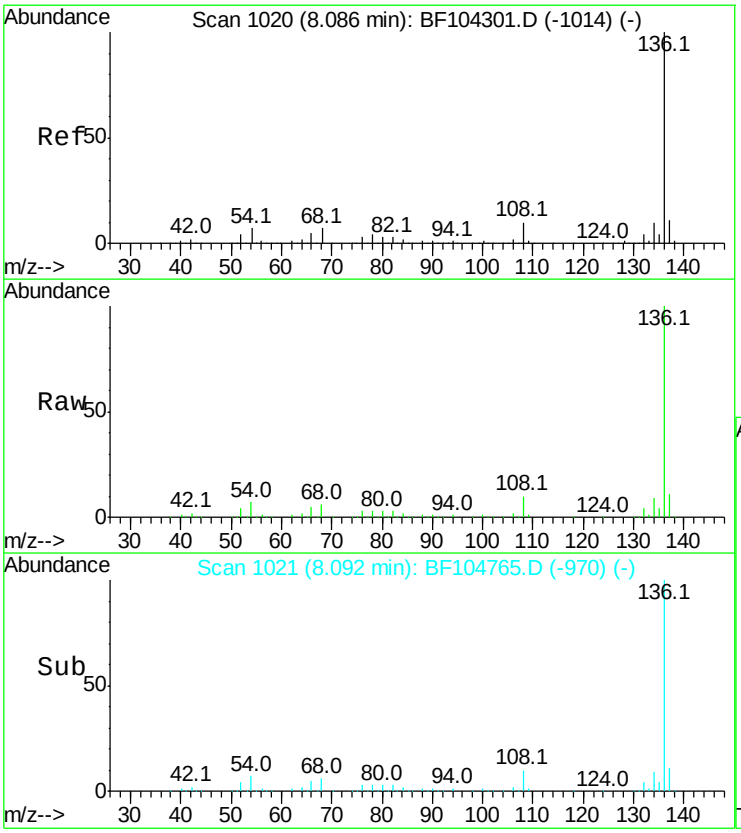
#19
n-Nitroso-di-n-propylamine
Concen: 15.848 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.16 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 82259

Ion	Ratio	Lower	Upper
70	100		
42	39.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

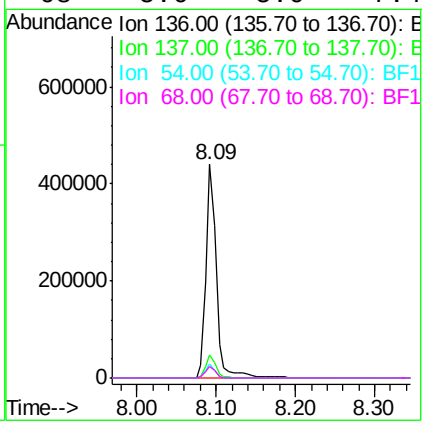


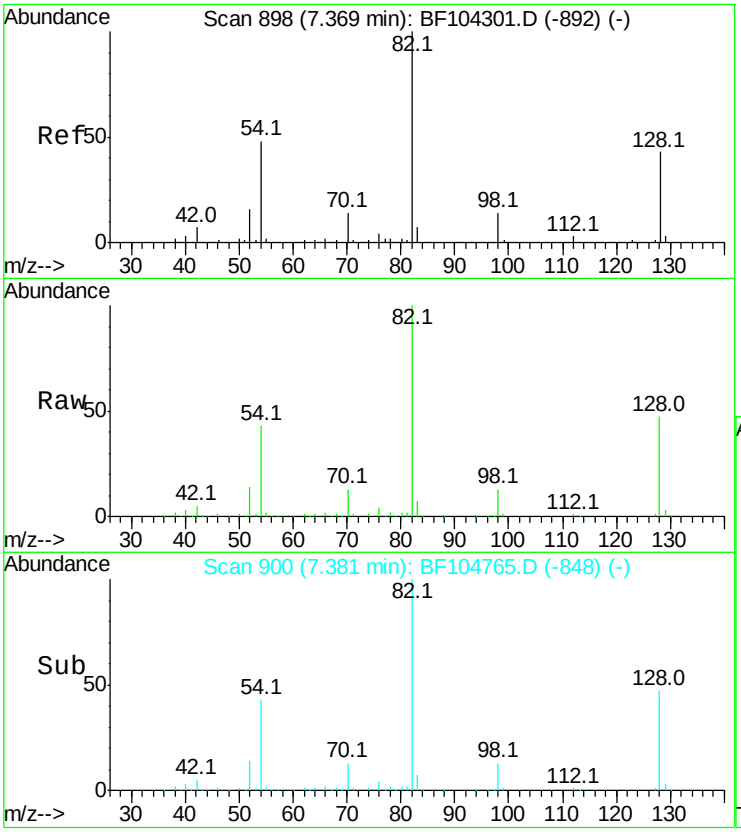


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

Tgt Ion:136 Resp: 406245

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.9	6.6	9.8
68	5.6	5.0	7.4



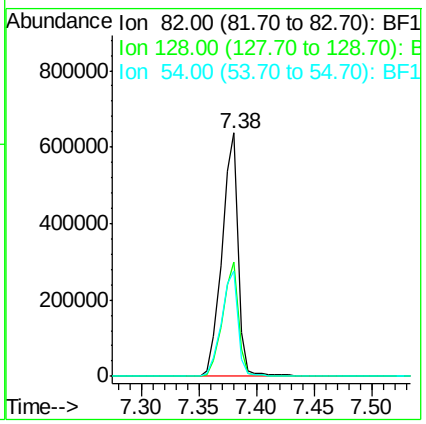


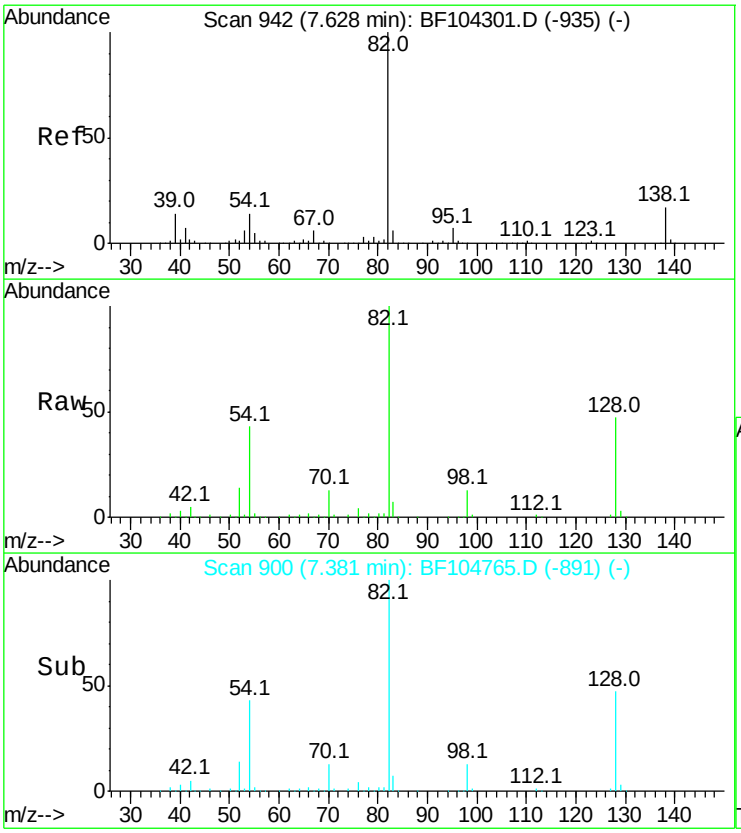
#23
Nitrobenzene-d5
Concen: 99.907 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 621559

Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	43.4	41.4	62.2

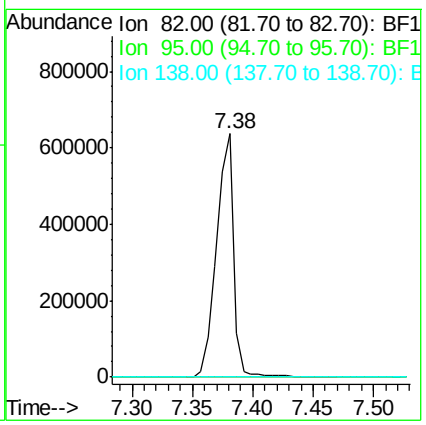


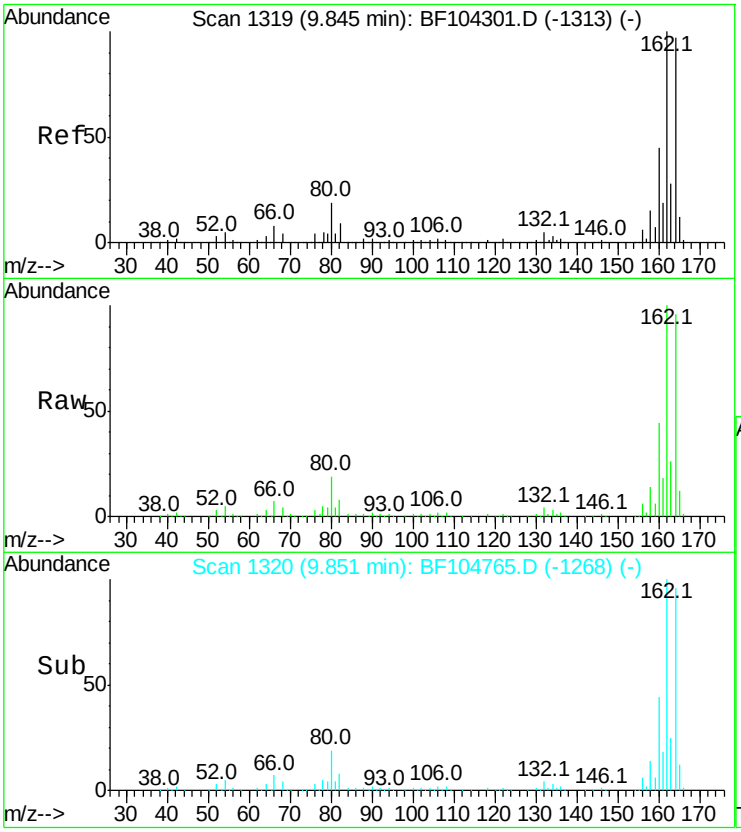


#25
Isophorone
Concen: 47.245 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.25 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

Tgt Ion: 82 Resp: 621552

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



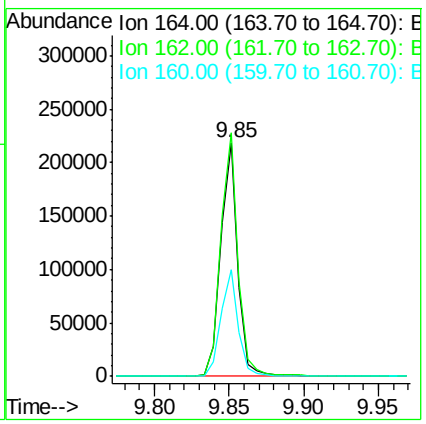


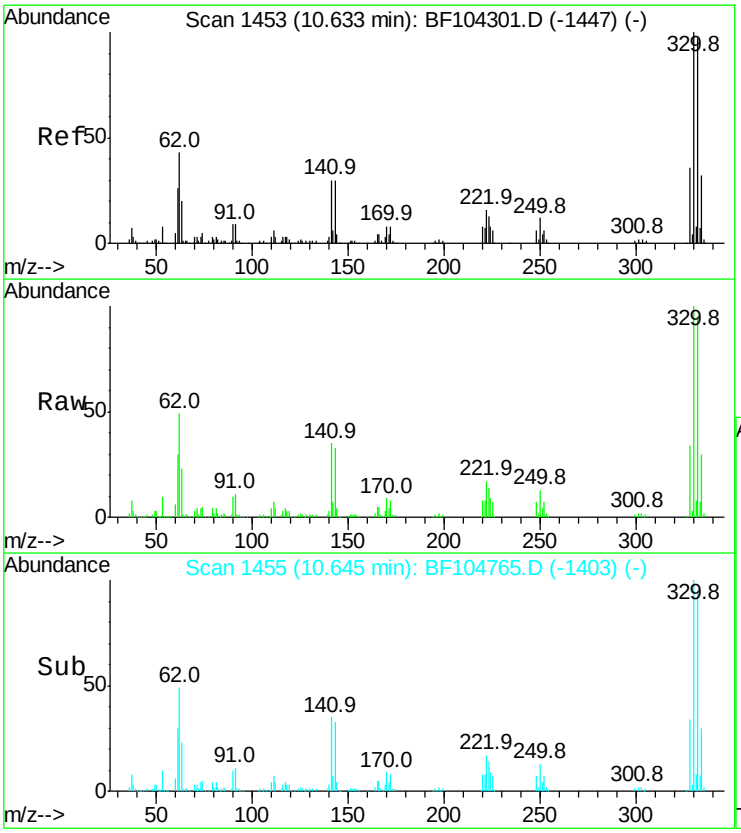
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 176958

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	45.6	38.3	57.5

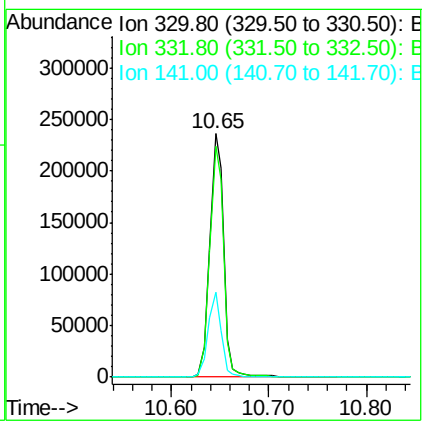


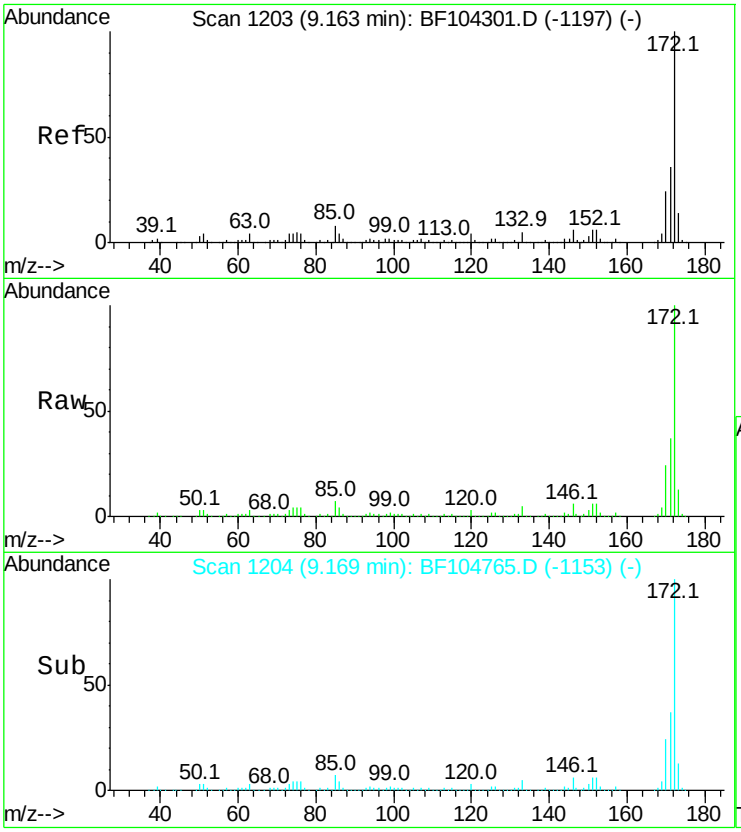


#41
2,4,6-Tribromophenol
Concen: 127.061 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

Tgt Ion:330 Resp: 233238

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	33.6	29.9	44.9



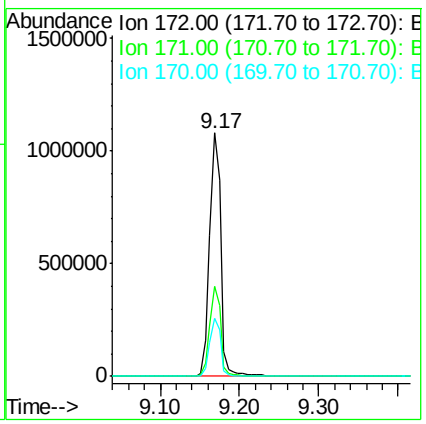


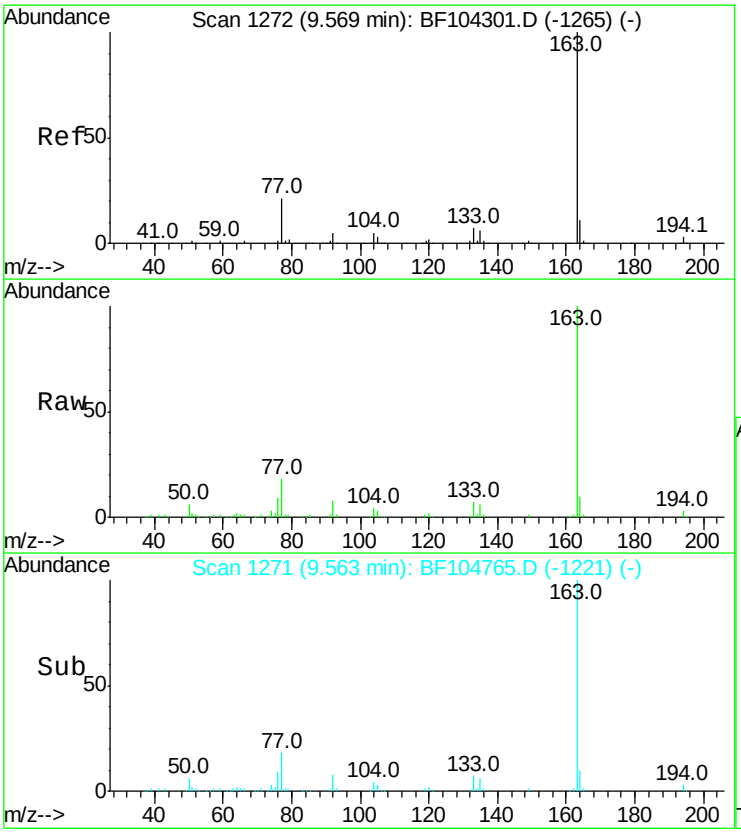
#44
2-Fluorobiphenyl
Concen: 95.020 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1064380

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.1	19.6	29.4

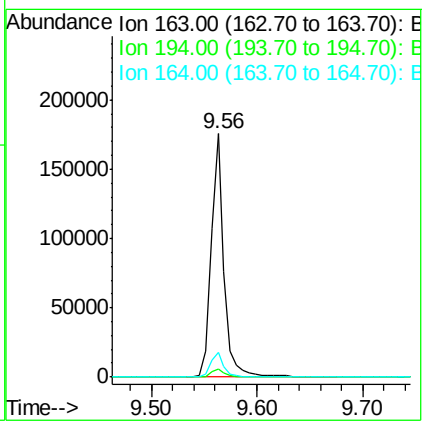


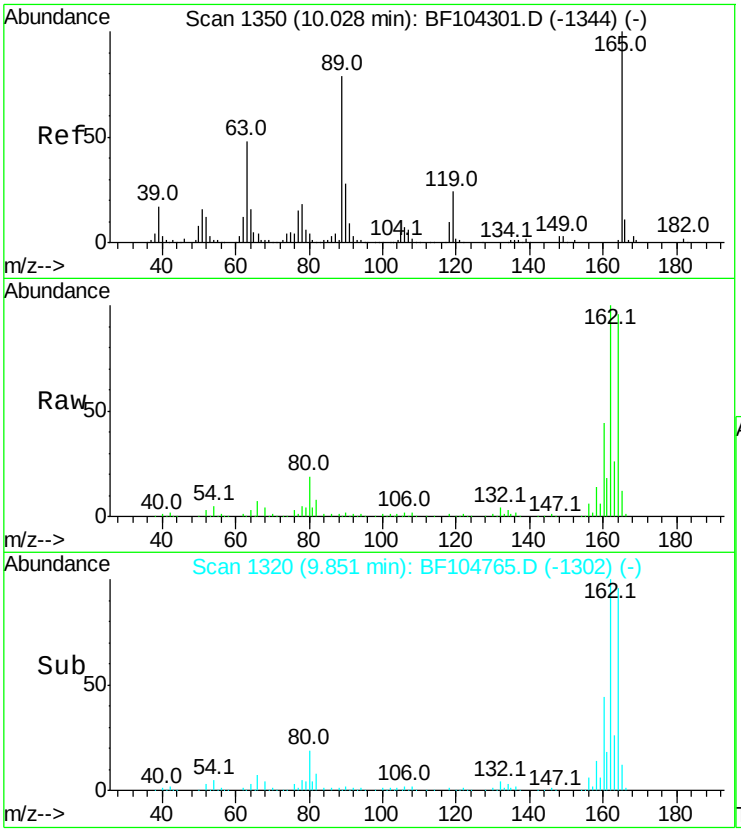


#49
Dimethylphthalate
Concen: 10.721 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

Tgt Ion:163 Resp: 149608

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.1	8.2	12.2



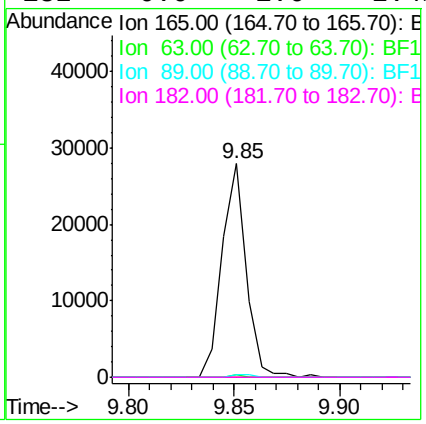


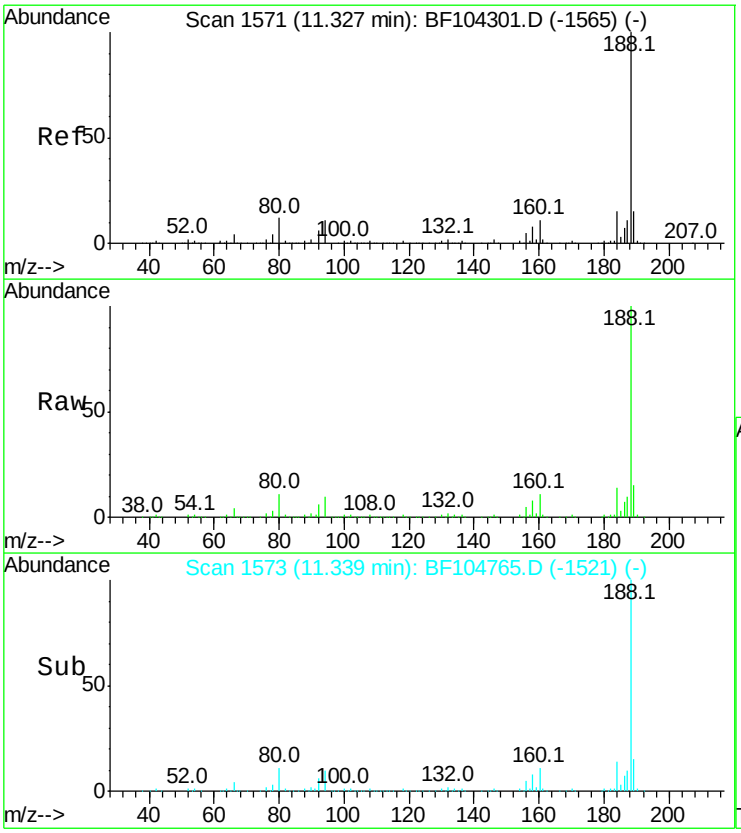
#56
2,4-Dinitrotoluene
Concen: 6.533 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22127

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

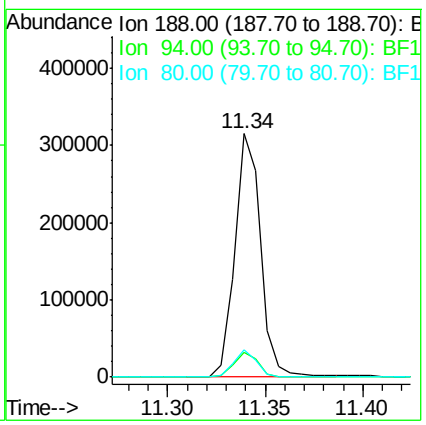


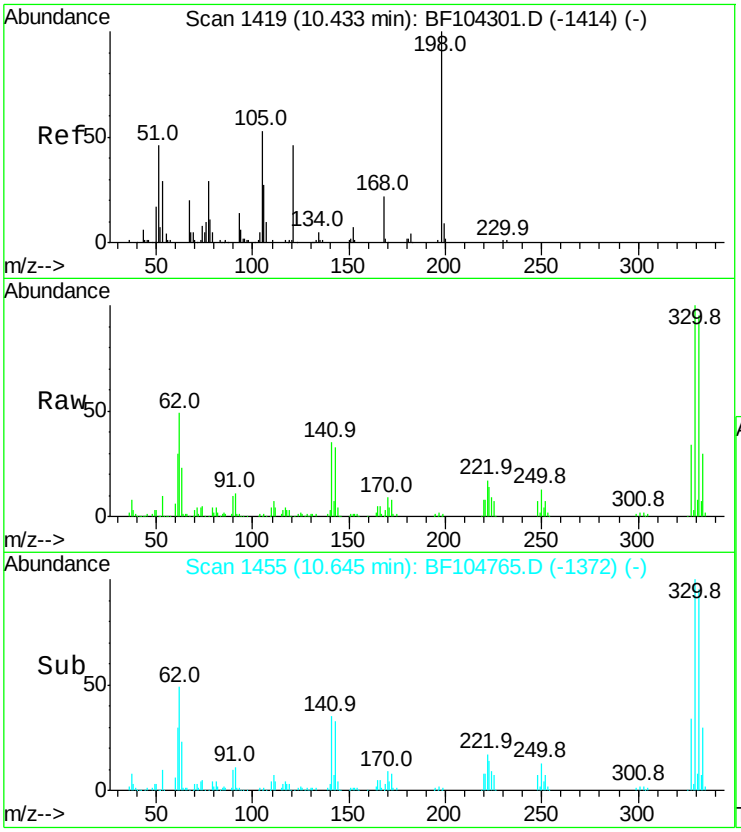


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

Tgt Ion:188 Resp: 286887

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.3	9.2	13.8



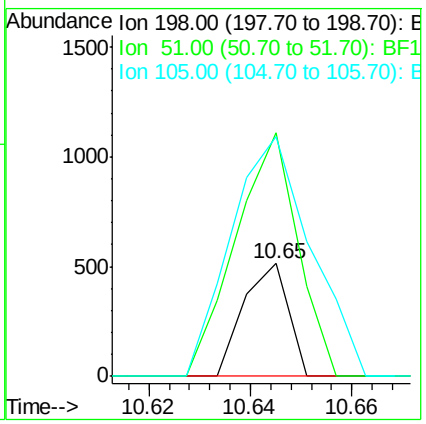


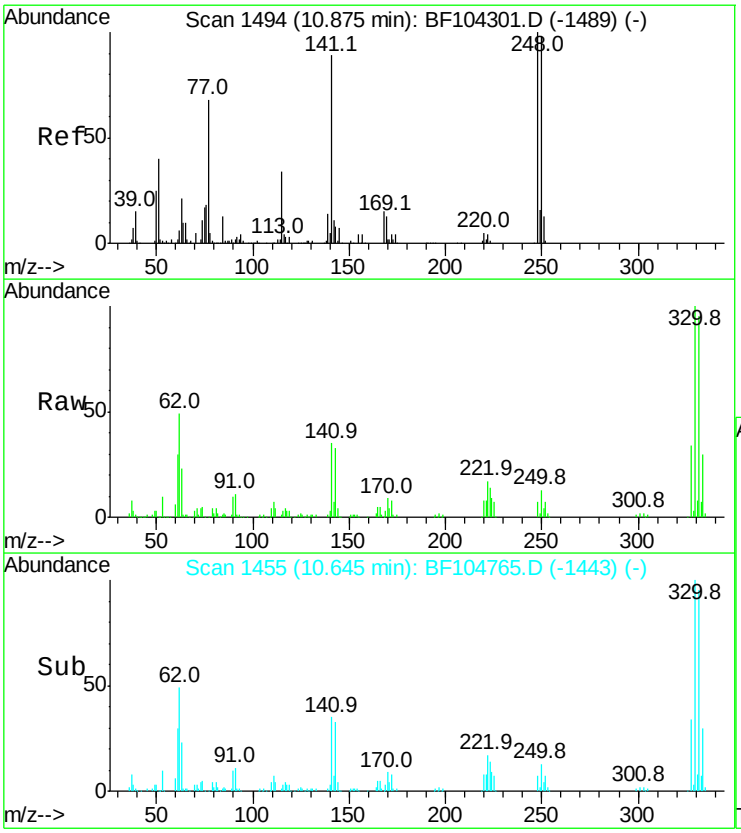
#64
4,6-Dinitro-2-methylphenol
Concen: 7.537 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.19 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 314

Ion	Ratio	Lower	Upper
198	100		
51	215.8	37.7	77.7#
105	212.1	36.3	76.3#

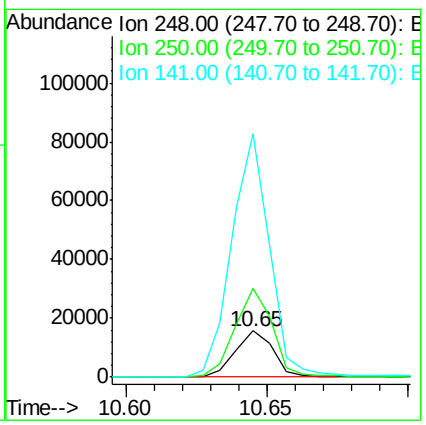


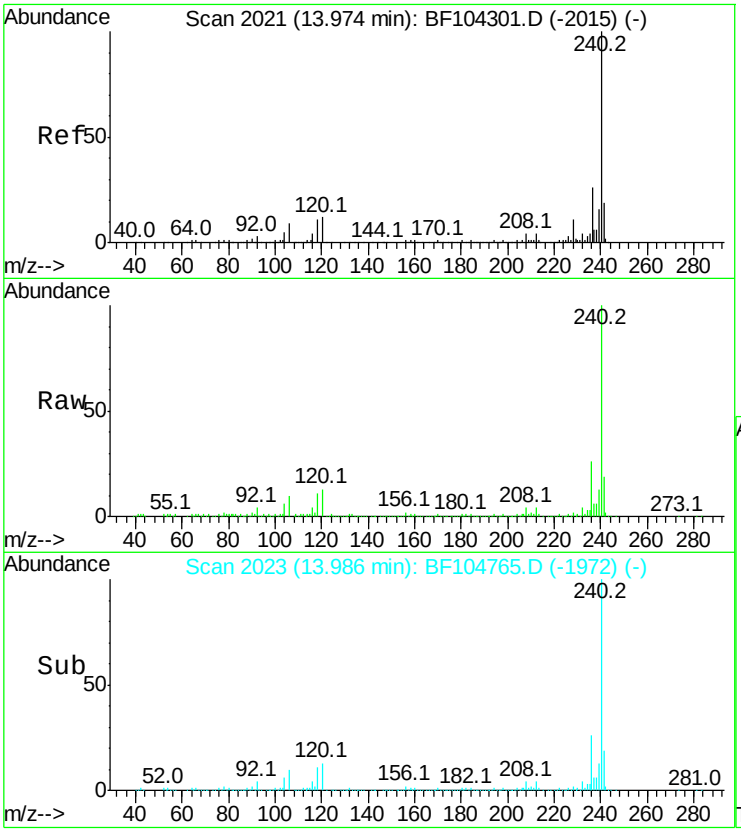


#66
4-Bromophenyl-phenylether
Concen: 4.753 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.23 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

Tgt Ion:248 Resp: 14504

Ion	Ratio	Lower	Upper
248	100		
250	192.2	76.9	115.3#
141	525.6	74.4	111.6#



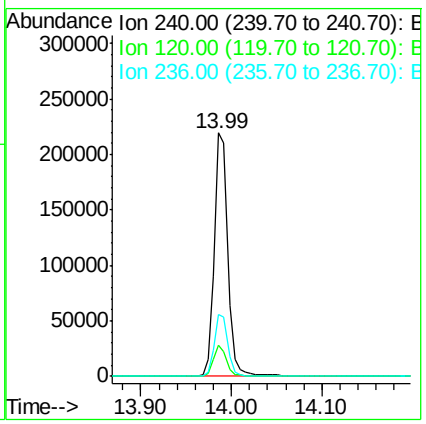


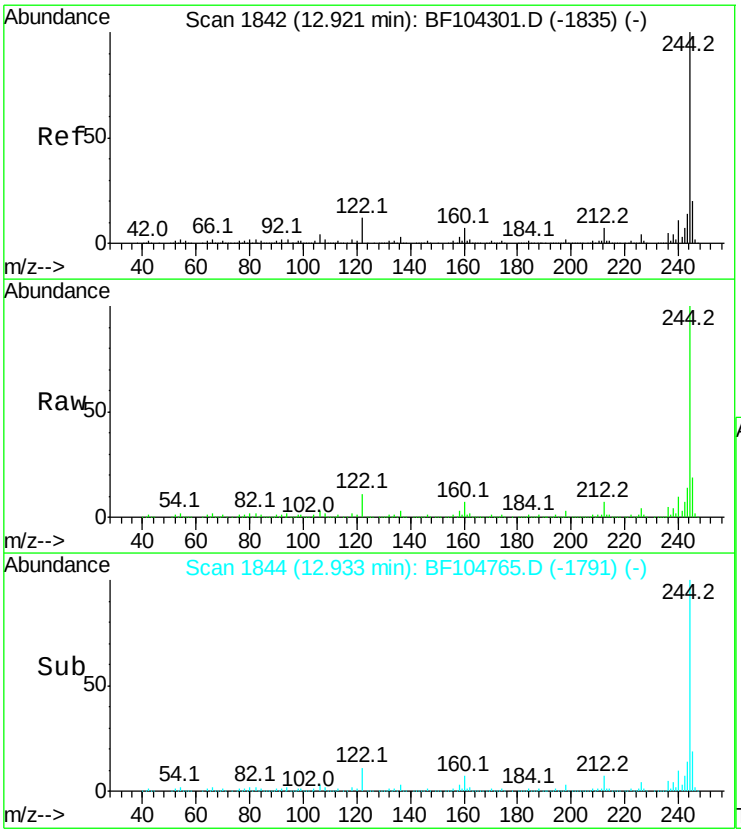
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 226336

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	25.6	20.7	31.1

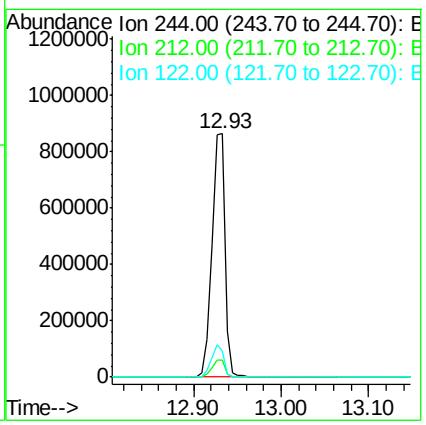


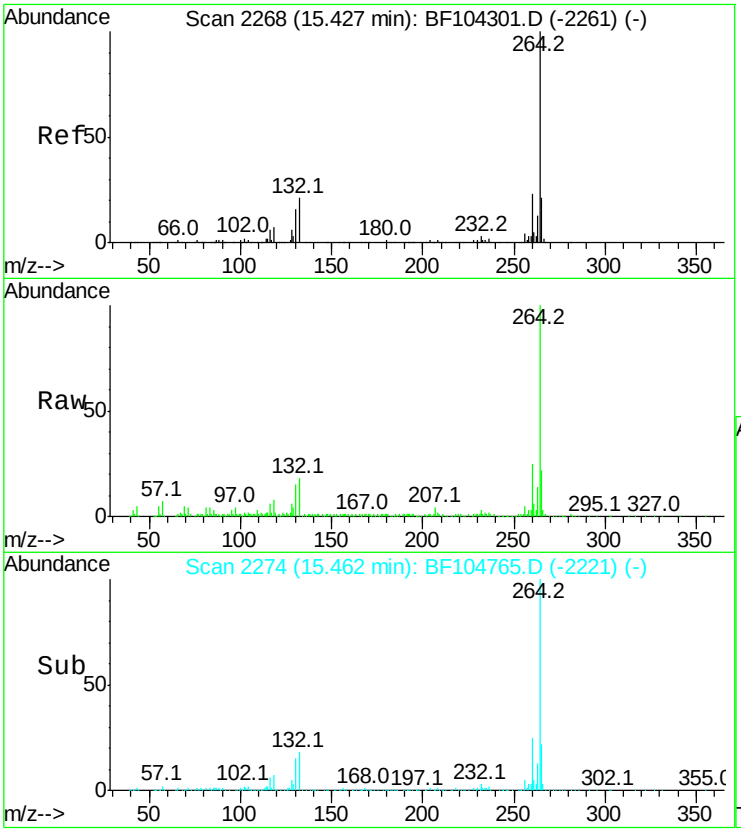


#78
Terphenyl-d14
Concen: 90.675 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.01 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

Tgt Ion:244 Resp: 900198

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 156499

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.5	17.5	26.3