Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050218\
Data File : BF105067.D
Acq On : 3 May 2018 8:14
Operator : JU/SJ
Sample : PB108808BL
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108808BL

Quant Time: May 03 09:00:57 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	86369	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	347519	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	154718	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	259255	20.00	ng	0.00
75) Chrysene-d12	14.02	240	206315	20.00	ng	-0.02
86) Perylene-d12	15.58	264	164378	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	522751	92.55	ng	0.00
7) Phenol-d6	6.43	99	618656	89.14	ng	-0.01
23) Nitrobenzene-d5	7.36	82	540434	101.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	145542	90.68	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1000856	102.19	ng	0.00
78) Terphenyl-d14	12.92	244	869672	96.10	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	68571	15.120	ng	# 72
25) Isophorone	7.36	82	531449	47.222	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	19123	8.470	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	19123	6.458	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	8648	3.136	ng	# 1
76) Benzidine	12.91	184	11441	Below Cal		97

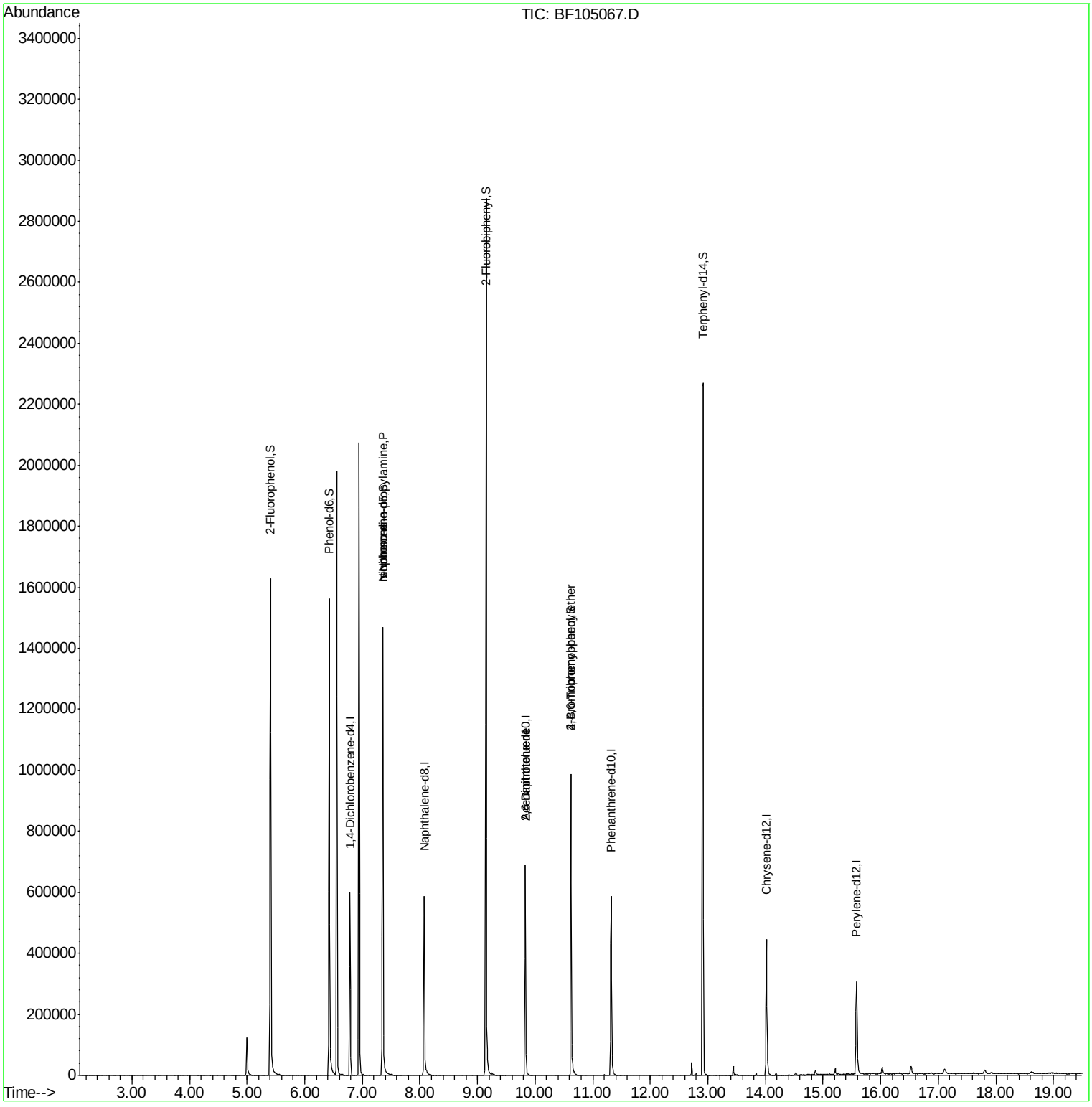
(#) = qualifier out of range (m) = manual integration (+) = signals summed

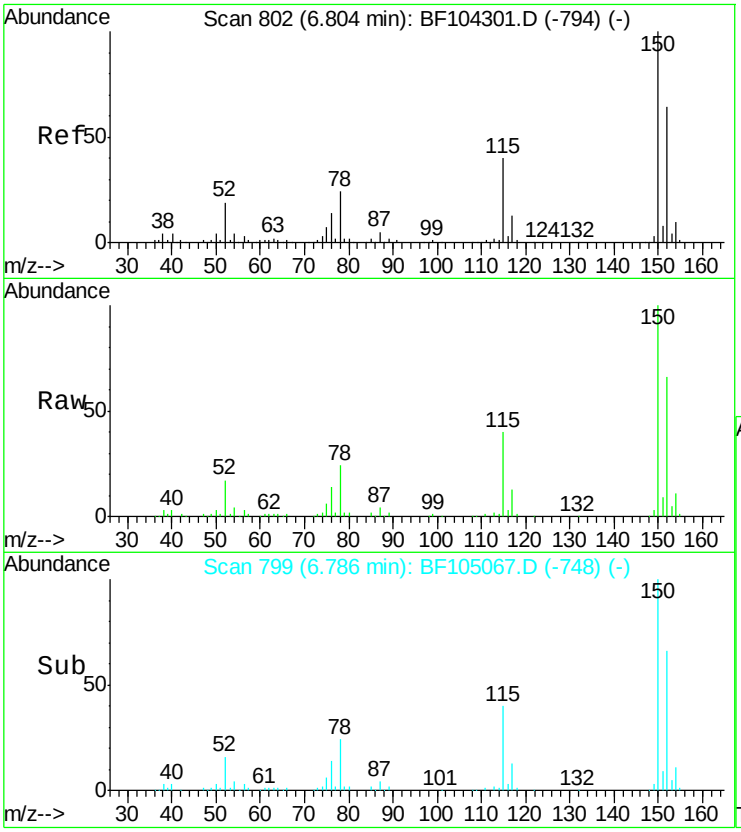
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050218\
Data File : BF105067.D
Acq On : 3 May 2018 8:14
Operator : JU/SJ
Sample : PB108808BL
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108808BL

Quant Time: May 03 09:00:57 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration



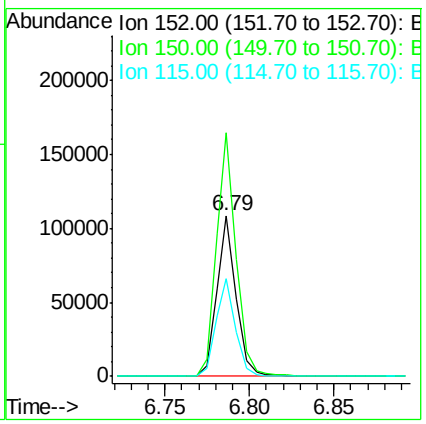


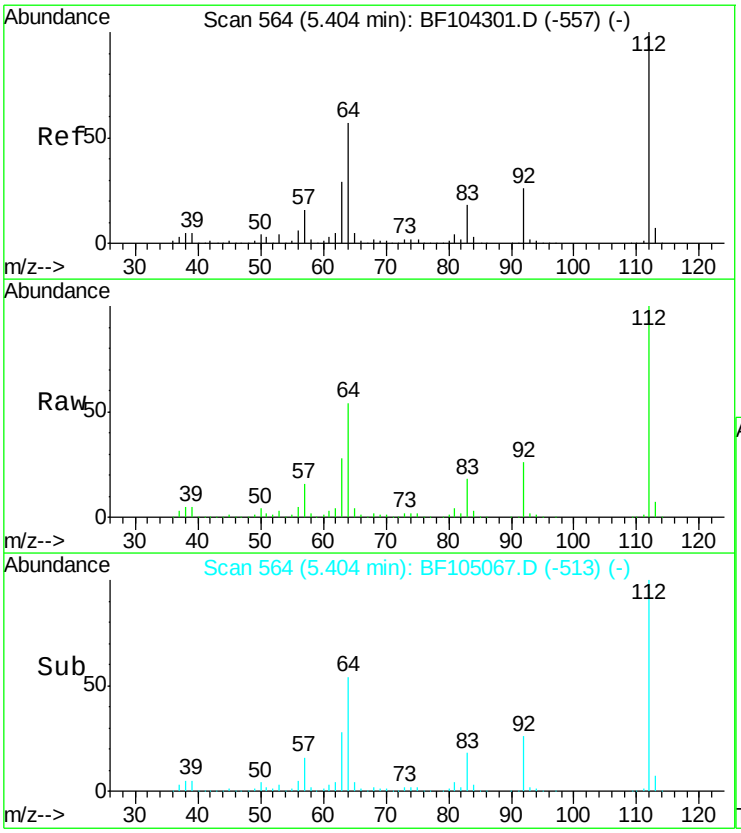
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105067.D
Acq: 3 May 2018 8:14

Instrument :
BNA_F
ClientSampleId :
PB108808BL

Tgt Ion:152 Resp: 86369

Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.6	186.8
115	60.5	50.1	75.1

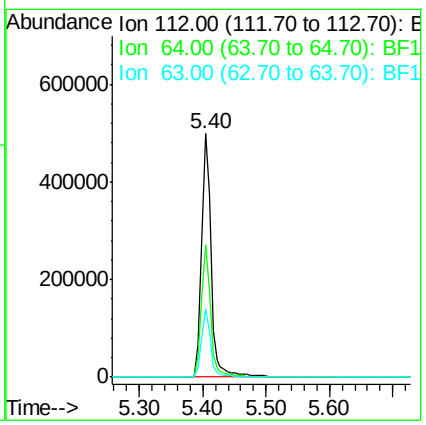


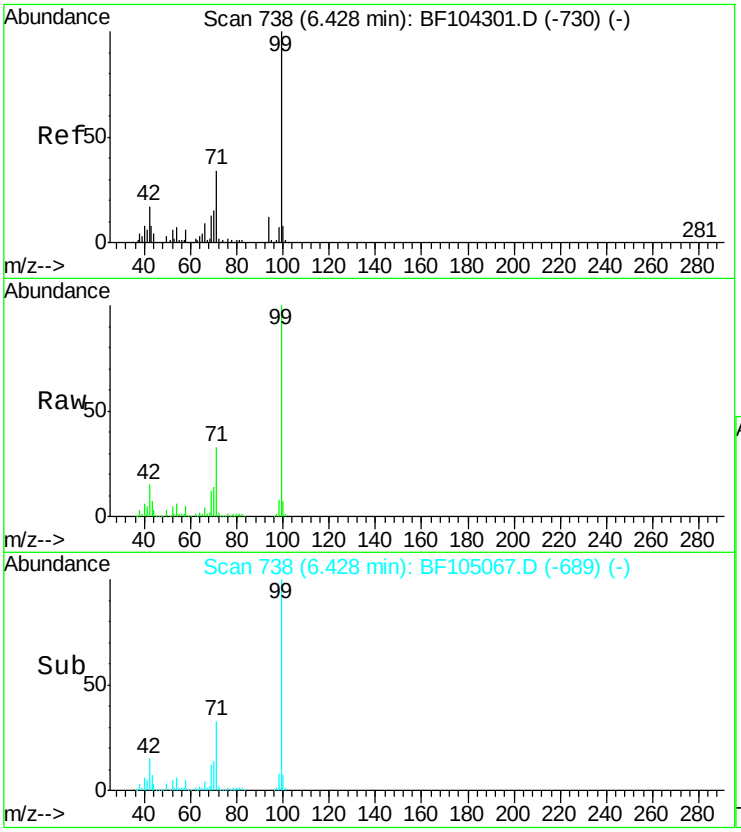


#5
2-Fluorophenol
Concen: 92.547 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF105067.D
Acq: 3 May 2018 8:14

Tgt Ion:112 Resp: 522751

Ion	Ratio	Lower	Upper
112	100		
64	54.3	47.9	71.9
63	28.1	23.7	35.5



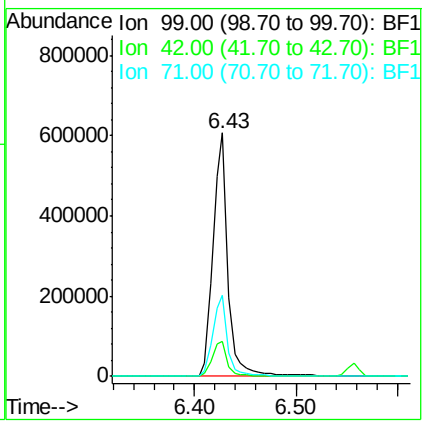


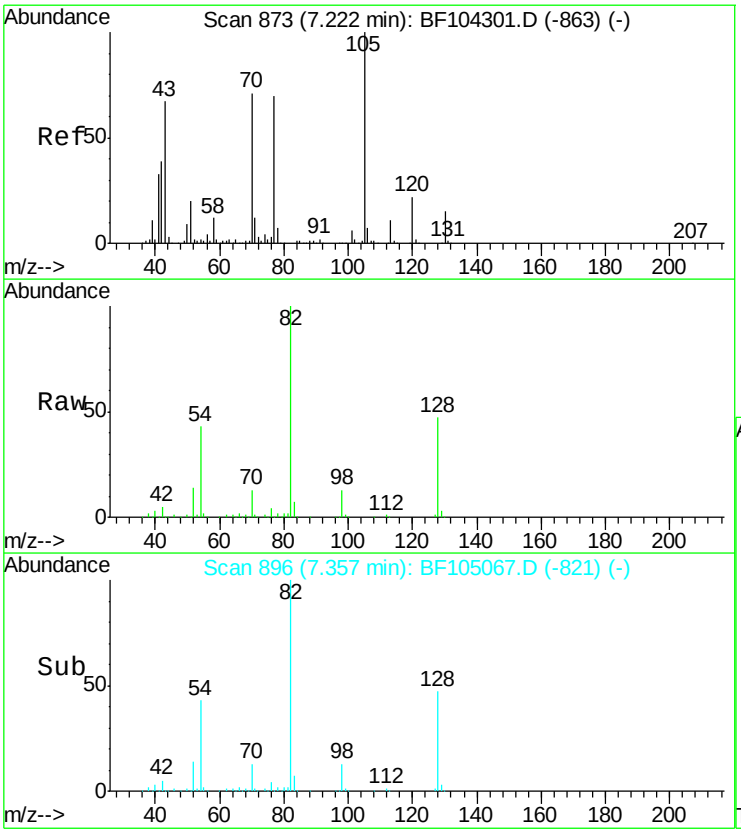
#7
Phenol-d6
Concen: 89.141 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF105067.D
Acq: 3 May 2018 8:14

Instrument :
BNA_F
ClientSampleId :
PB108808BL

Tgt Ion: 99 Resp: 618656

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.5	21.7
71	33.2	25.4	38.0

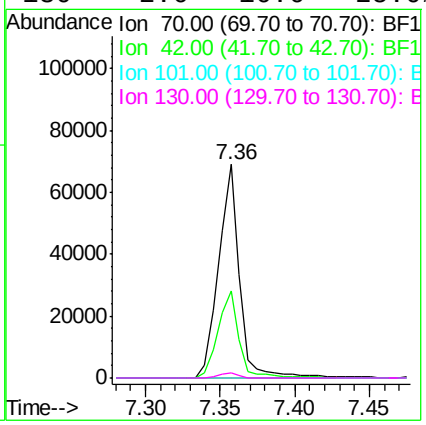


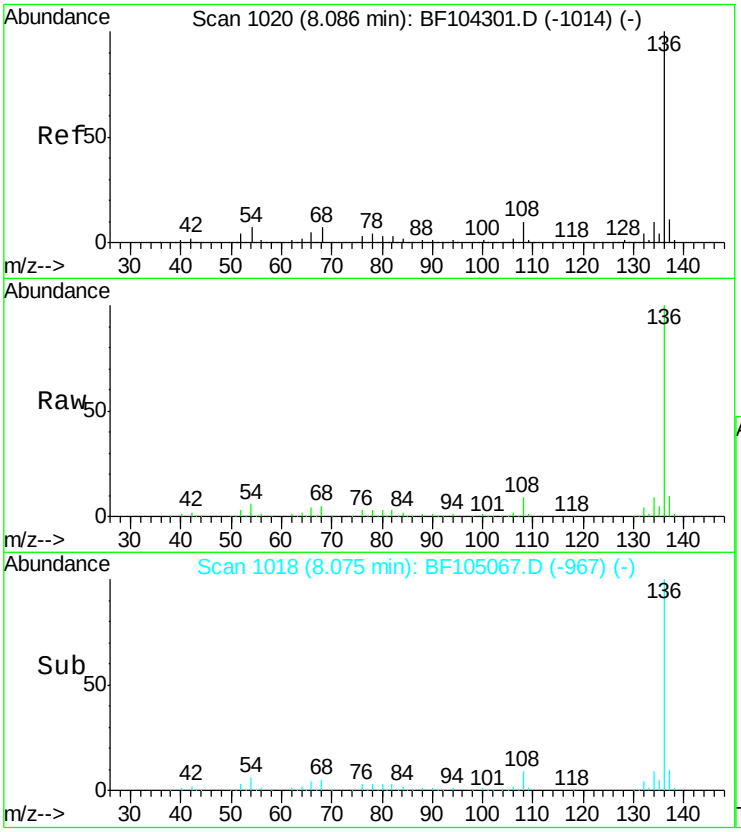


#19
n-Nitroso-di-n-propylamine
Concen: 15.120 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF105067.D
Acq: 3 May 2018 8:14

Tgt Ion: 70 Resp: 68571

Ion	Ratio	Lower	Upper
70	100		
42	40.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



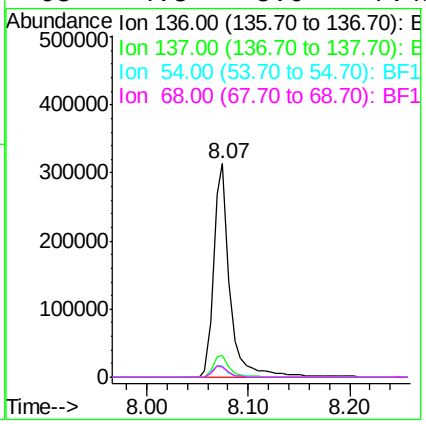


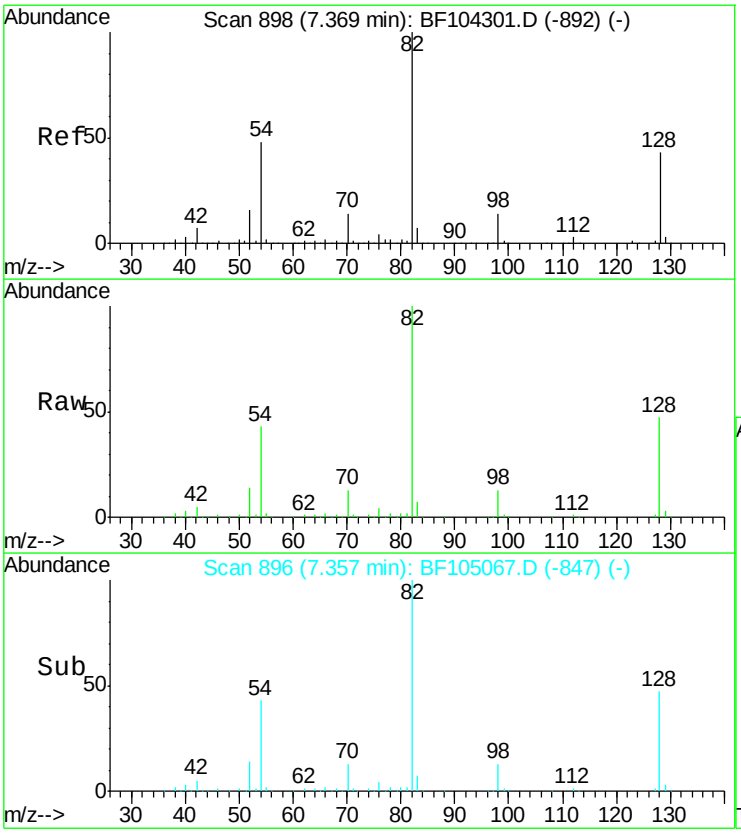
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105067.D
Acq: 3 May 2018 8:14

Instrument :
BNA_F
ClientSampleId :
PB108808BL

Tgt Ion:136 Resp: 347519

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	5.6	6.6	9.8#
68	4.8	5.0	7.4#

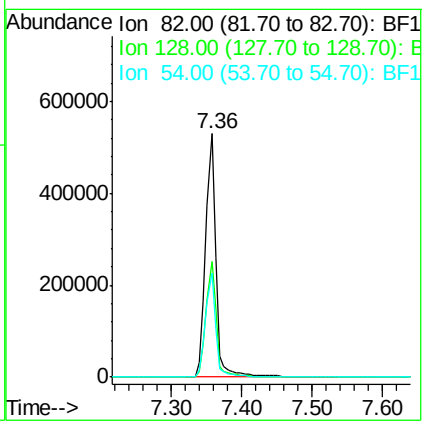


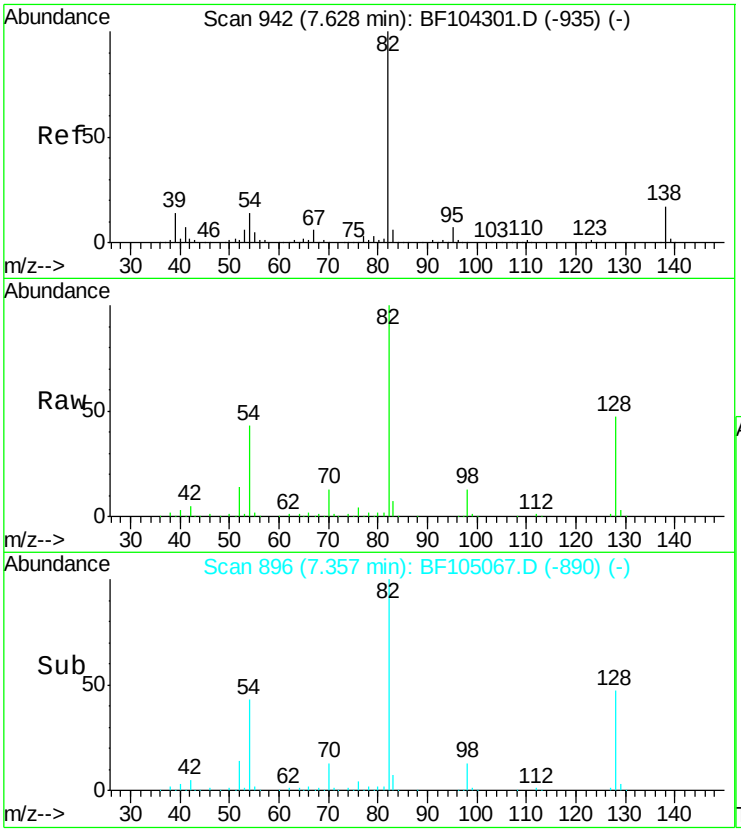


#23
Nitrobenzene-d5
Concen: 101.546 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105067.D
Acq: 3 May 2018 8:14

Tgt Ion: 82 Resp: 540434

Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	42.9	41.4	62.2



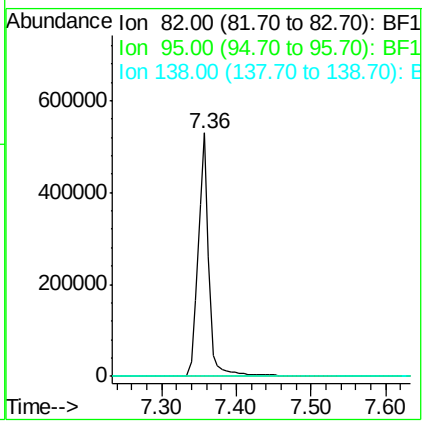


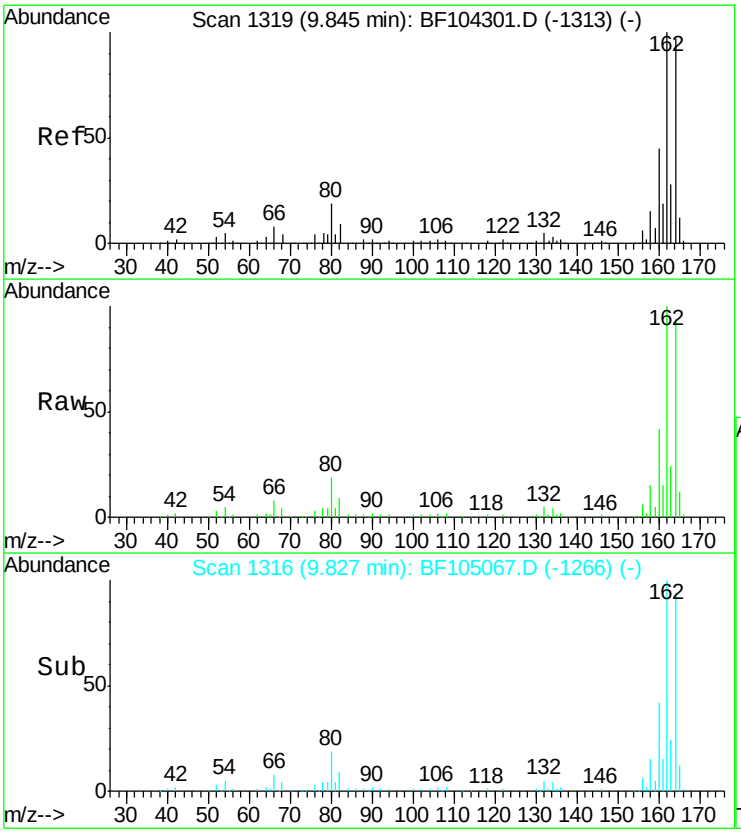
#25
Isophorone
Concen: 47.222 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF105067.D
Acq: 3 May 2018 8:14

Instrument :
BNA_F
ClientSampleId :
PB108808BL

Tgt Ion: 82 Resp: 531449

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

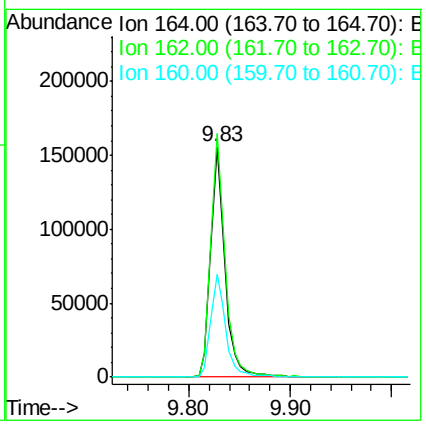


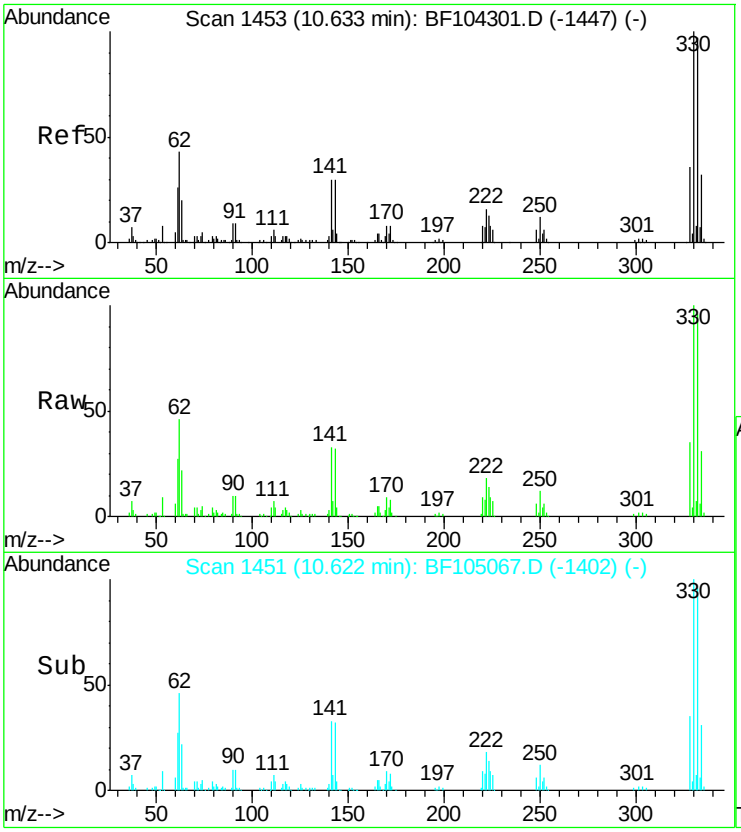


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105067.D
Acq: 3 May 2018 8:14

Tgt Ion:164 Resp: 154718

Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	45.1	38.3	57.5



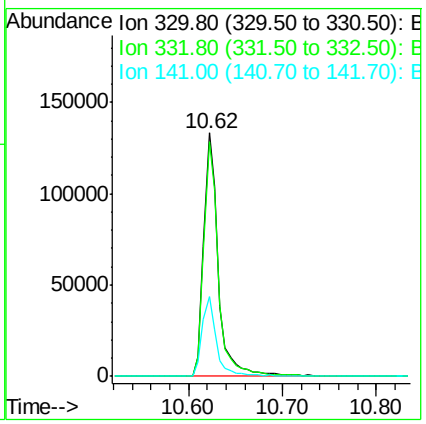


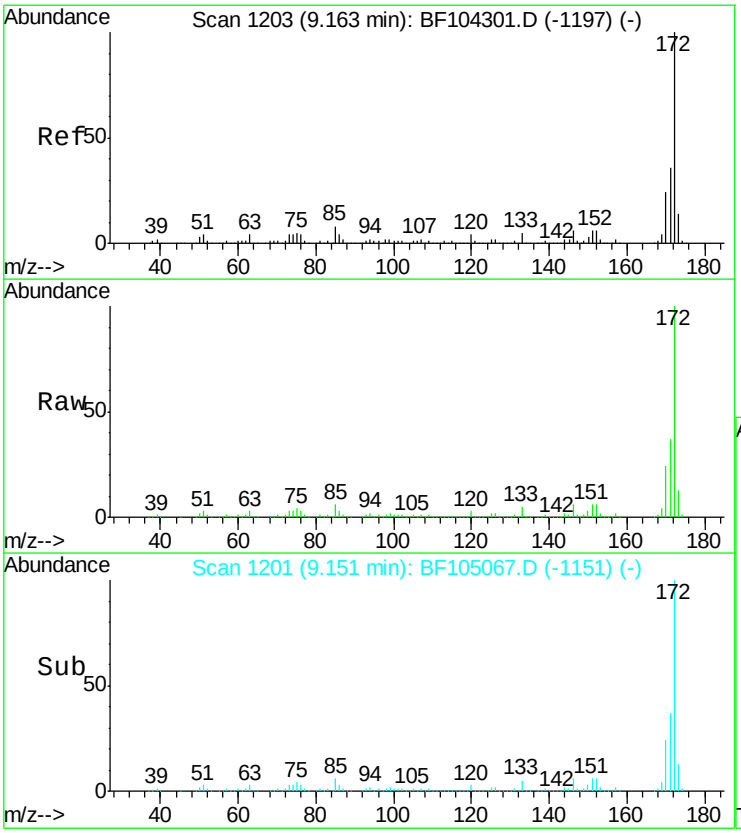
#41
2,4,6-Tribromophenol
Concen: 90.684 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF105067.D
Acq: 3 May 2018 8:14

Instrument :
BNA_F
ClientSampleId :
PB108808BL

Tgt Ion:330 Resp: 145542

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	31.8	29.9	44.9

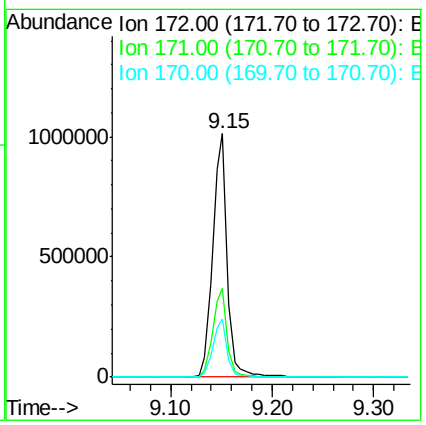


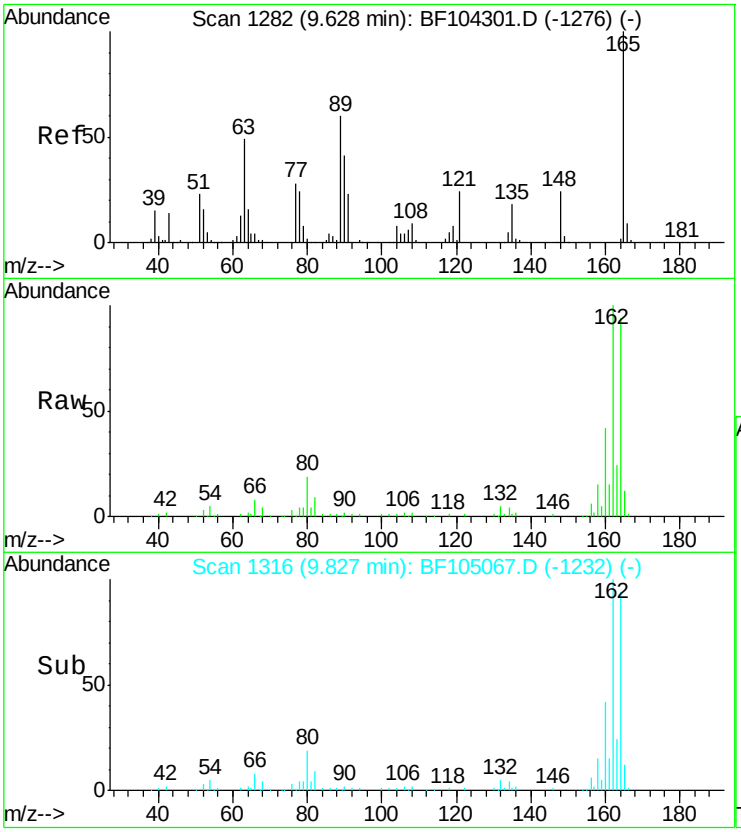


#44
2-Fluorobiphenyl
Concen: 102.193 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF105067.D
Acq: 3 May 2018 8:14

Tgt Ion:172 Resp: 1000856

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.8	19.6	29.4



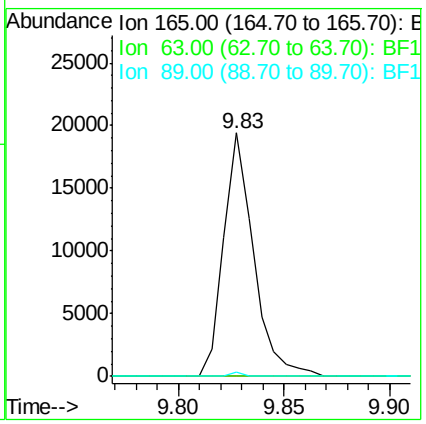


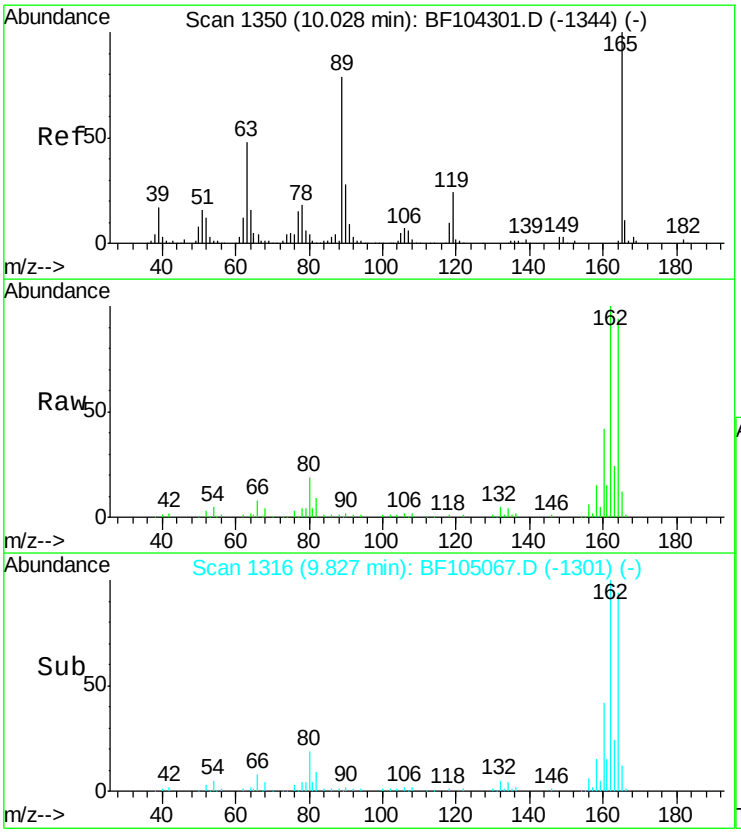
#50
2,6-Dinitrotoluene
Concen: 8.470 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF105067.D
Acq: 3 May 2018 8:14

Instrument :
BNA_F
ClientSampleId :
PB108808BL

Tgt Ion:165 Resp: 19123

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.5	44.0	66.0#

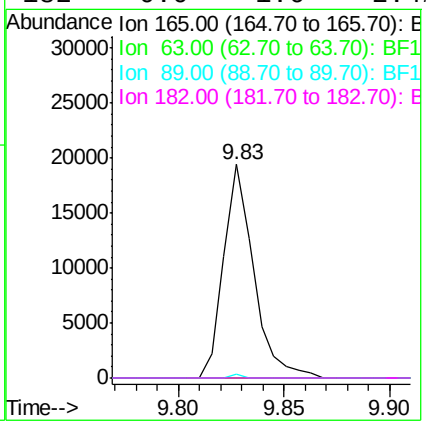


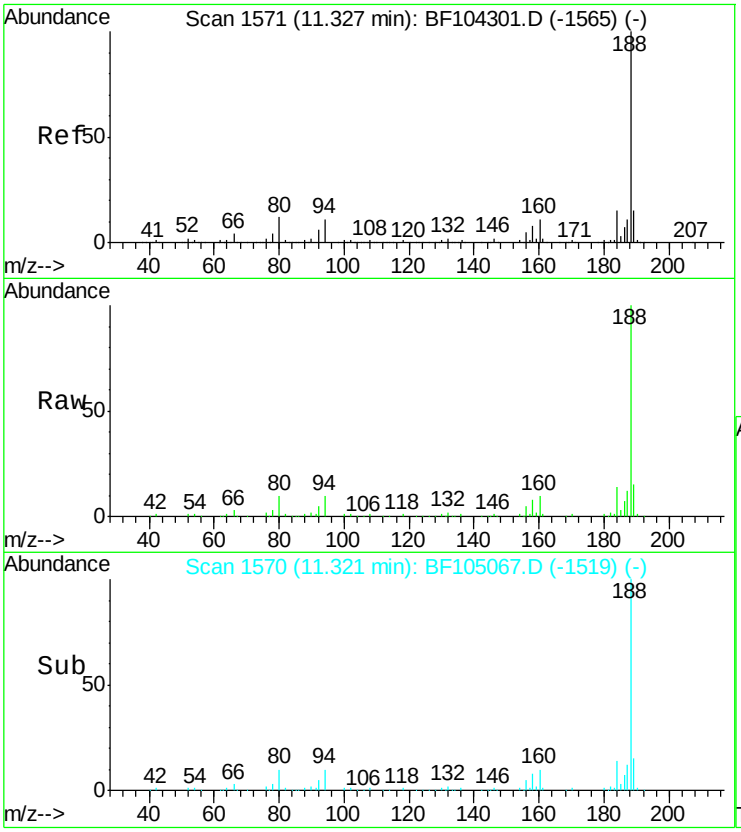


#56
2,4-Dinitrotoluene
Concen: 6.458 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF105067.D
Acq: 3 May 2018 8:14

Tgt Ion:165 Resp: 19123

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



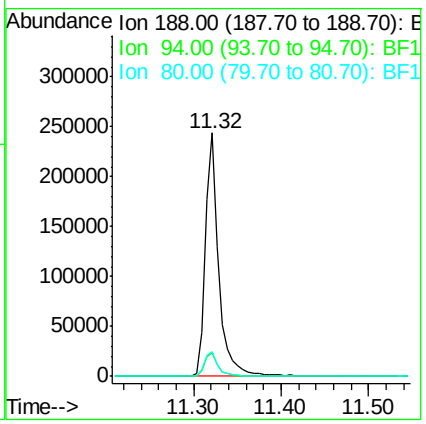


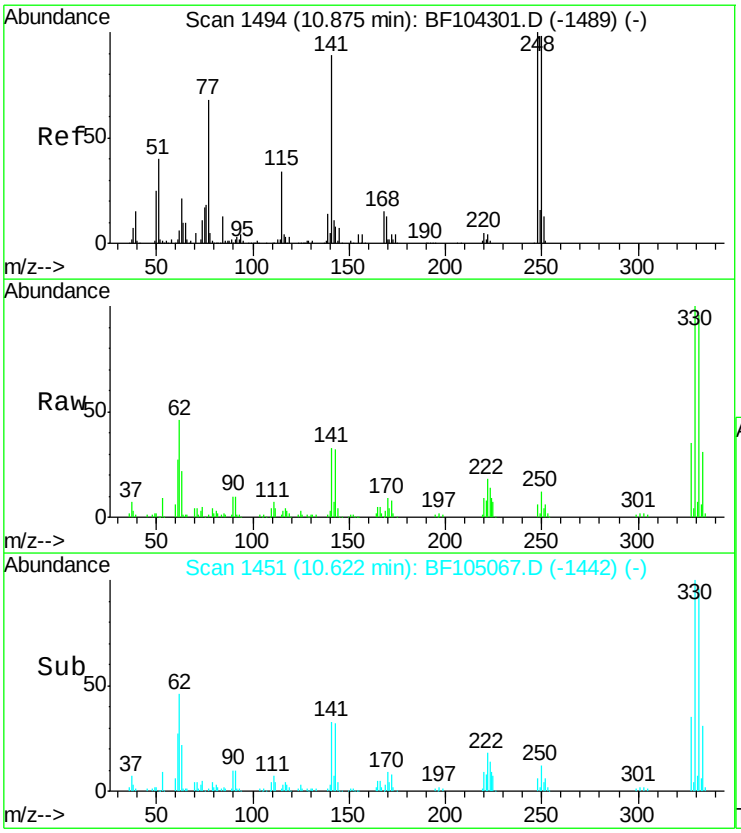
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105067.D
Acq: 3 May 2018 8:14

Instrument :
BNA_F
ClientSampleId :
PB108808BL

Tgt Ion:188 Resp: 259255

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

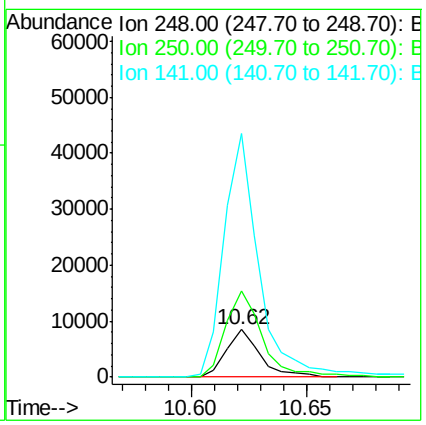


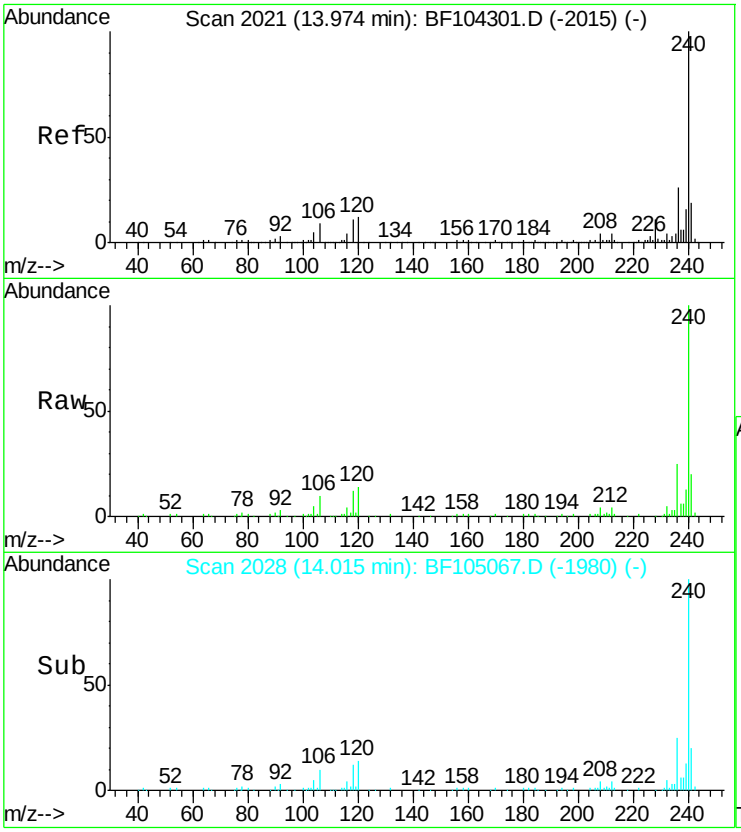


#66
4-Bromophenyl-phenylether
Concen: 3.136 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF105067.D
Acq: 3 May 2018 8:14

Tgt Ion:248 Resp: 8648

Ion	Ratio	Lower	Upper
248	100		
250	183.6	76.9	115.3#
141	515.6	74.4	111.6#



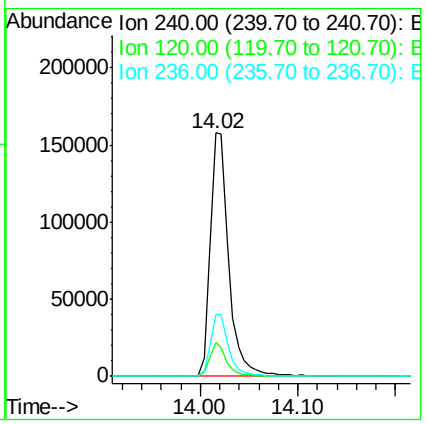


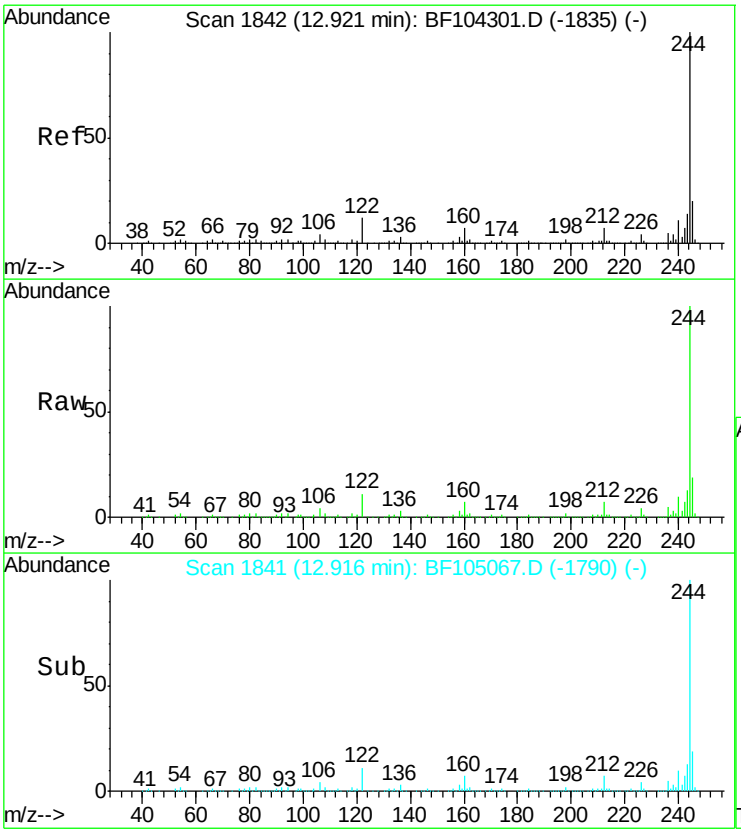
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF105067.D
Acq: 3 May 2018 8:14

Instrument :
BNA_F
ClientSampleId :
PB108808BL

Tgt Ion:240 Resp: 206315

Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.5	14.3
236	25.3	20.7	31.1

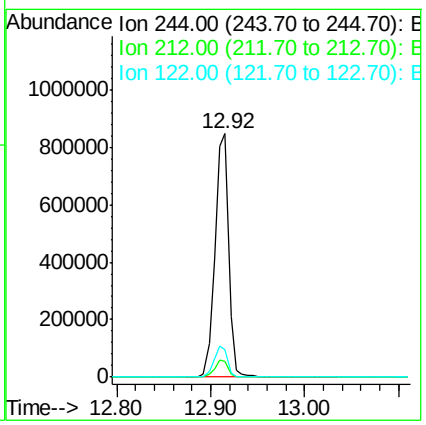


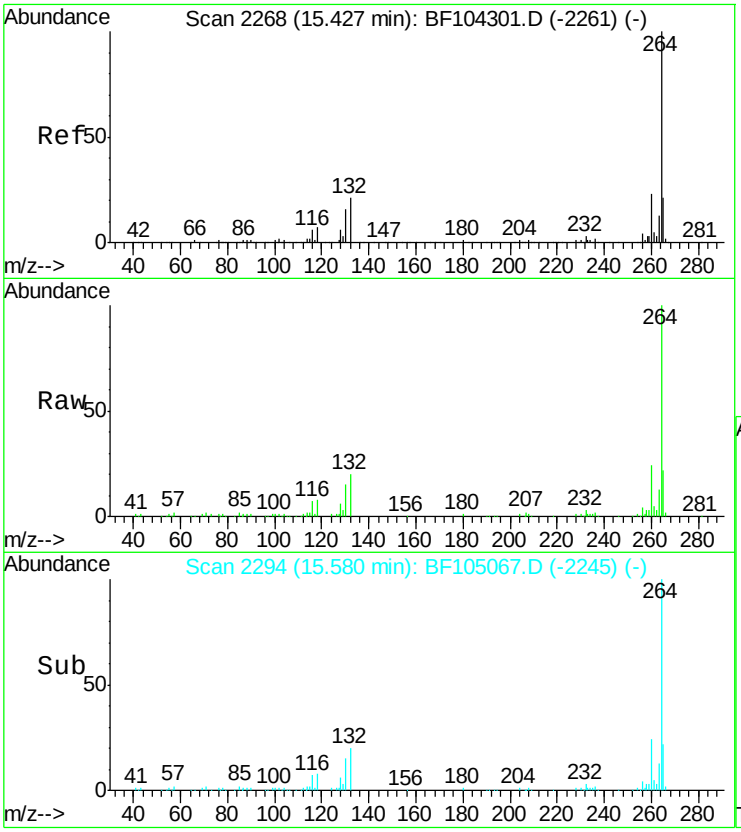


#78
Terphenyl-d14
Concen: 96.101 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF105067.D
Acq: 3 May 2018 8:14

Tgt Ion:244 Resp: 869672

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BF105067.D
Acq: 3 May 2018 8:14

Instrument :
BNA_F
ClientSampleId :
PB108808BL

Tgt Ion:264 Resp: 164378

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.7	17.5	26.3