Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
Data File : BF096896.D
Acq On : 20 Jul 2017 9:10
Operator : SJ/JU
Sample : I4245-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-071717-A

Quant Time: Jul 20 15:26:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	99282	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	468125	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	164108	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	248418	20.00	ng	0.00
75) Chrysene-d12	13.72	240	166087	20.00	ng	-0.01
86) Perylene-d12	15.10	264	130490	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	810045	122.68	ng	0.01
7) Phenol-d6	6.25	99	802860	101.32	ng	0.00
23) Nitrobenzene-d5	7.16	82	580999	76.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	174309	124.44	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	981024	94.45	ng	-0.01
78) Terphenyl-d14	12.69	244	648168	67.68	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.16	70	78342	16.411	ng	# 87
25) Isophorone	7.16	82	577249	41.058	ng	# 67
49) Dimethylphthalate	9.62	163	48706	3.942	ng	# 1
50) 2,6-Dinitrotoluene	9.62	165	21823	8.154	ng	# 31
56) 2,4-Dinitrotoluene	9.62	165	21823	6.345	ng	# 31
66) 4-Bromophenyl-phenylether	10.41	248	11179	4.408	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.39	276	138	3.342	ng	# 44

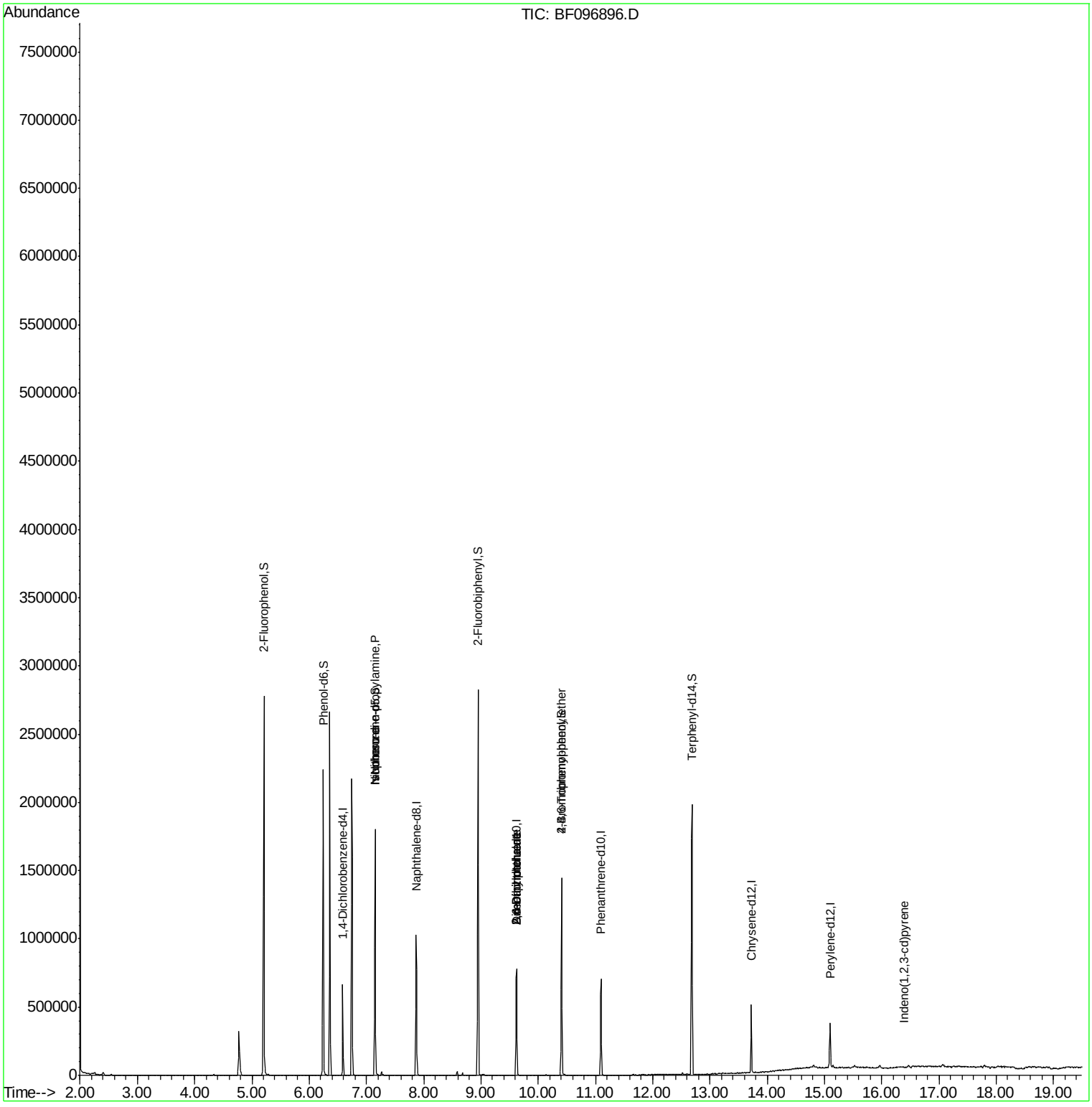
(#) = qualifier out of range (m) = manual integration (+) = signals summed

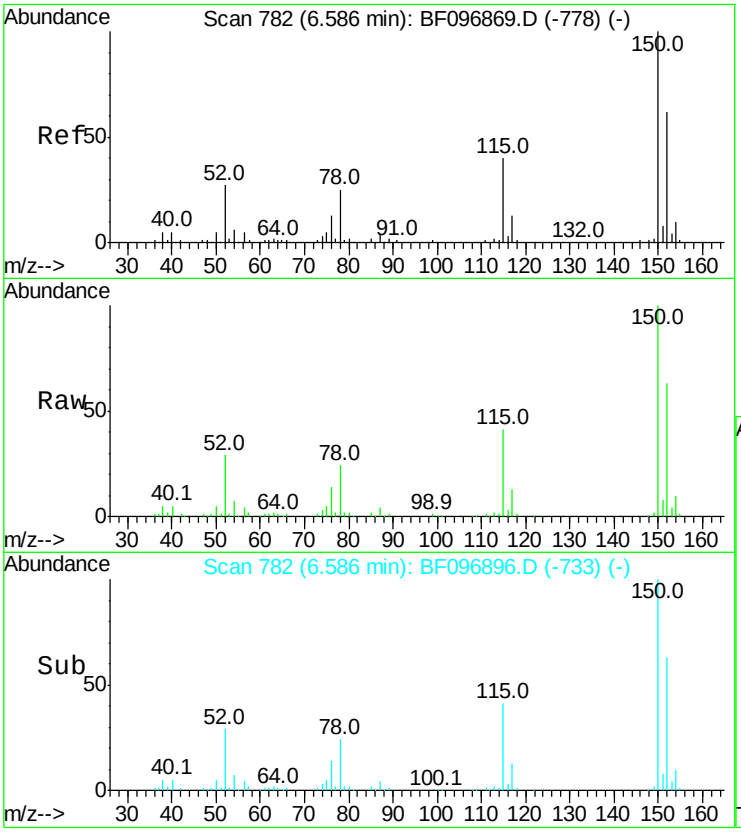
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
Data File : BF096896.D
Acq On : 20 Jul 2017 9:10
Operator : SJ/JU
Sample : I4245-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-A

Quant Time: Jul 20 15:26:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration



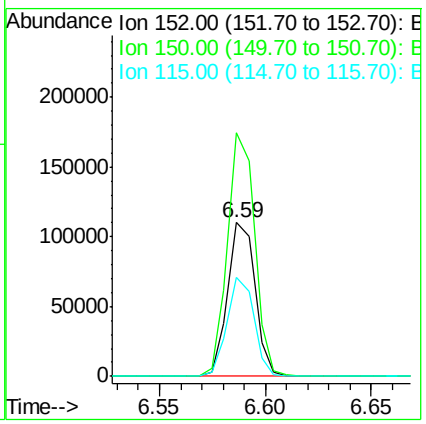


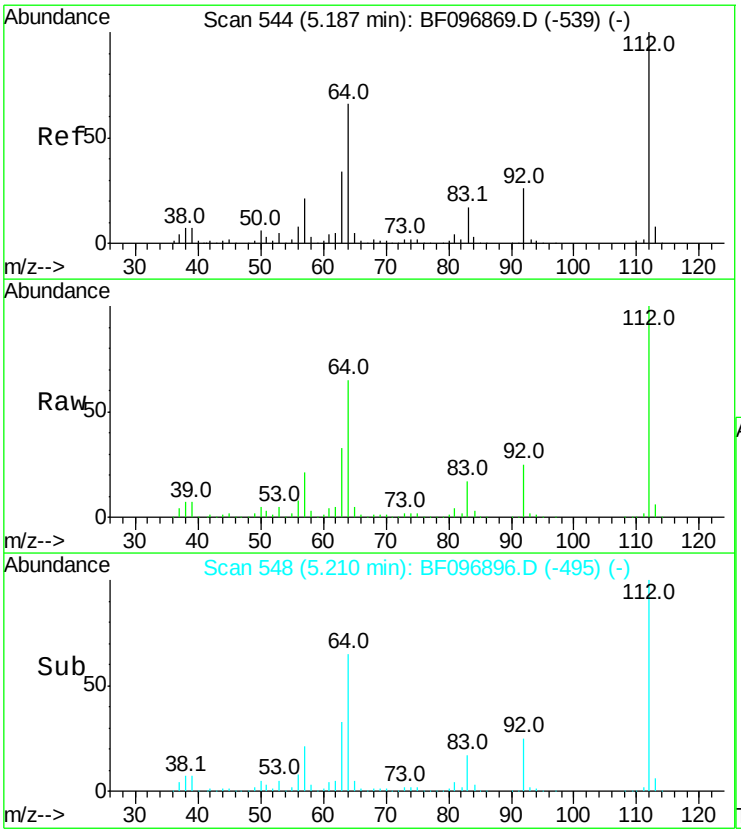
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096896.D
Acq: 20 Jul 2017 9:10

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-A

Tgt Ion:152 Resp: 99282

Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.2	189.2
115	64.7	52.2	78.2

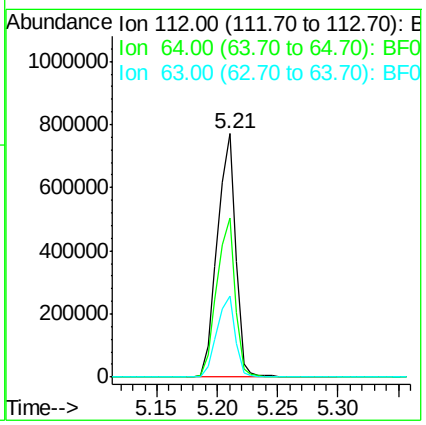


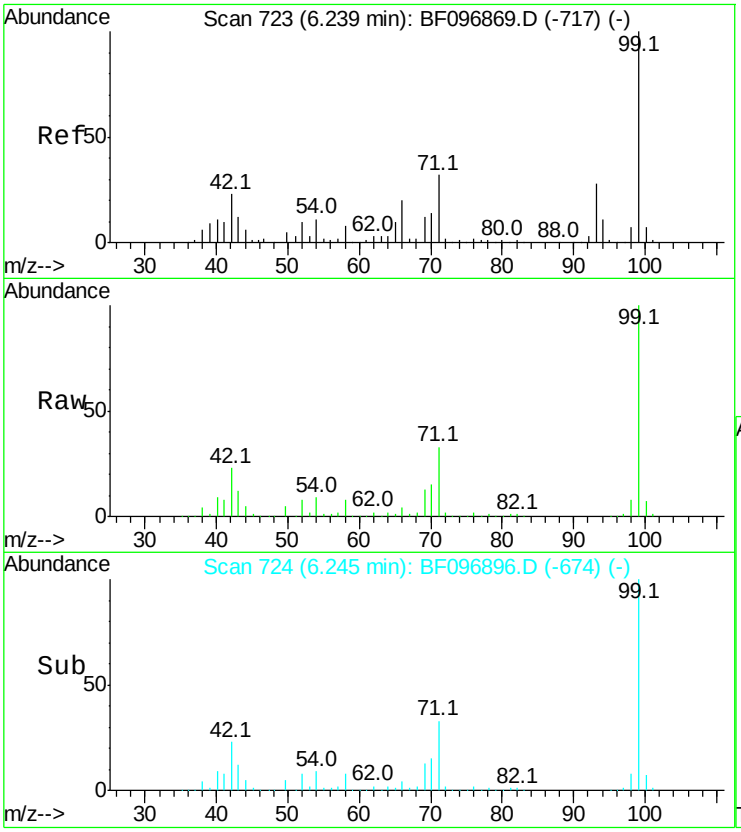


#5
2-Fluorophenol
Concen: 122.678 ng
RT: 5.21 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF096896.D
Acq: 20 Jul 2017 9:10

Tgt Ion:112 Resp: 810045

Ion	Ratio	Lower	Upper
112	100		
64	65.1	46.0	69.0
63	33.2	23.4	35.0



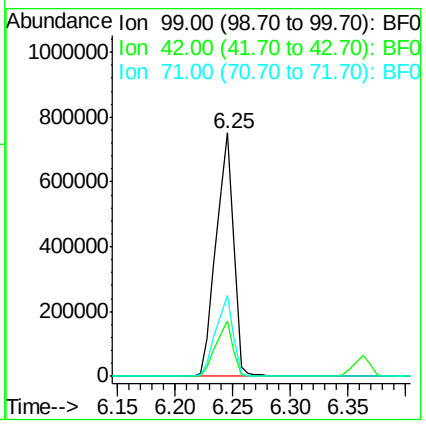


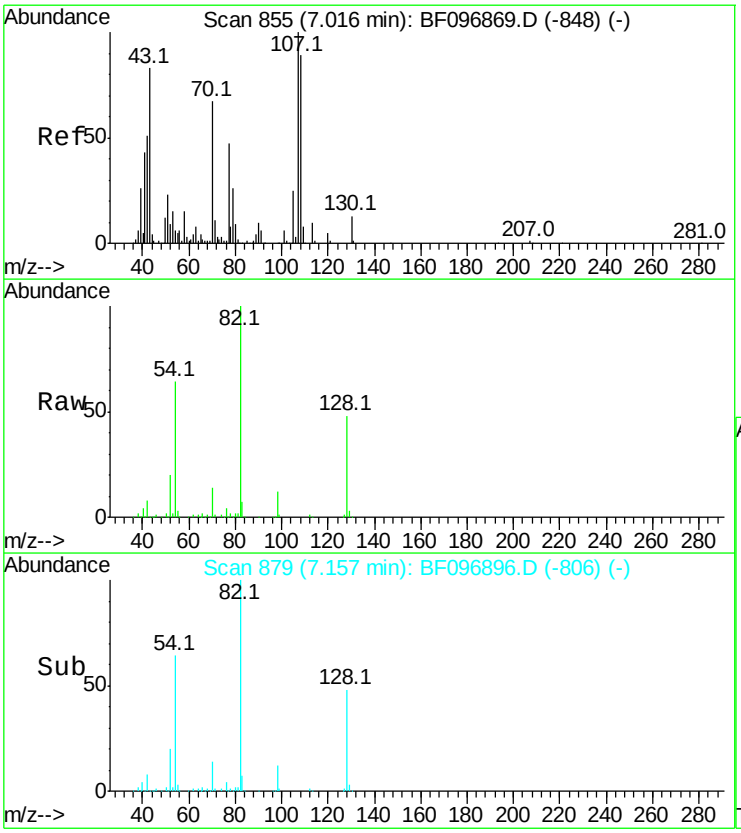
#7
Phenol-d6
Concen: 101.322 ng
RT: 6.25 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF096896.D
Acq: 20 Jul 2017 9:10

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-A

Tgt Ion: 99 Resp: 802860

Ion	Ratio	Lower	Upper
99	100		
42	23.0	13.5	20.3#
71	33.1	24.5	36.7

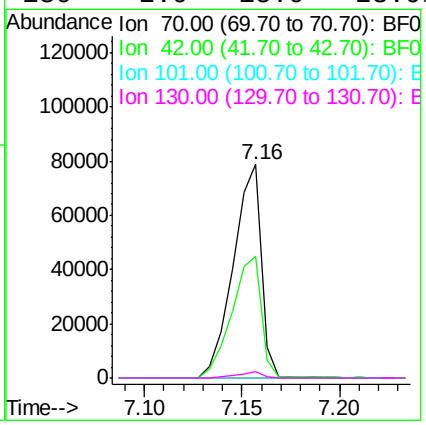


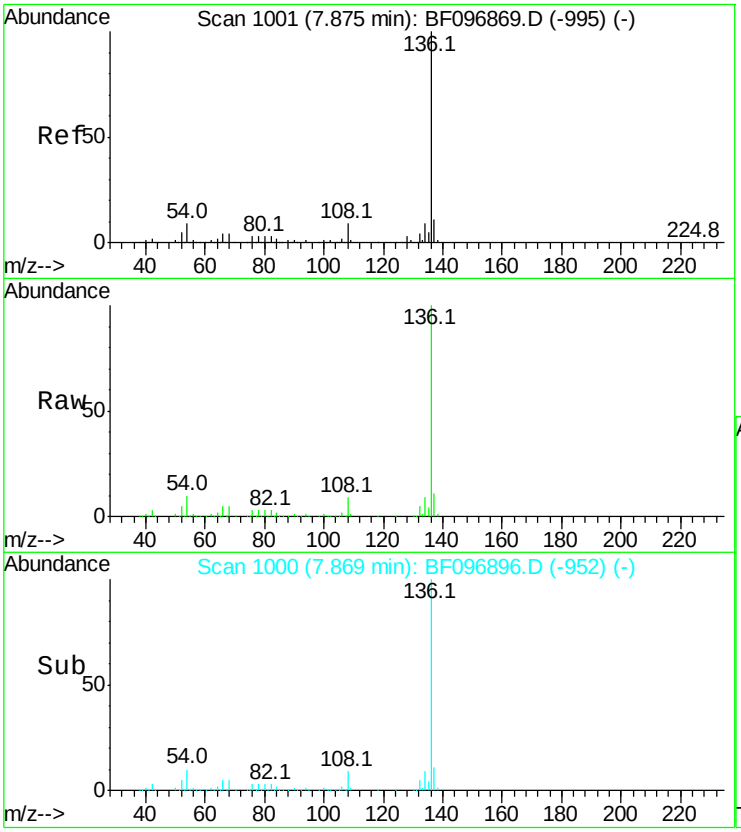


#19
n-Nitroso-di-n-propylamine
Concen: 16.411 ng
RT: 7.16 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF096896.D
Acq: 20 Jul 2017 9:10

Tgt Ion: 70 Resp: 78342

Ion	Ratio	Lower	Upper
70	100		
42	57.0	47.2	70.8
101	0.0	7.2	10.8#
130	2.9	15.9	23.9#



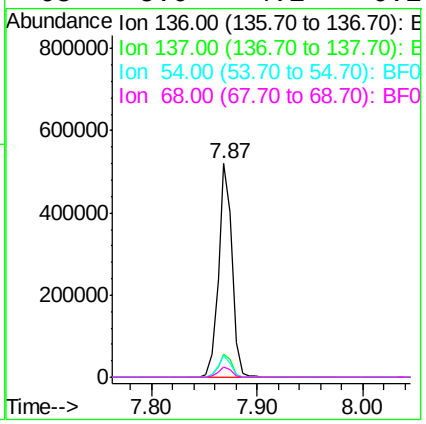


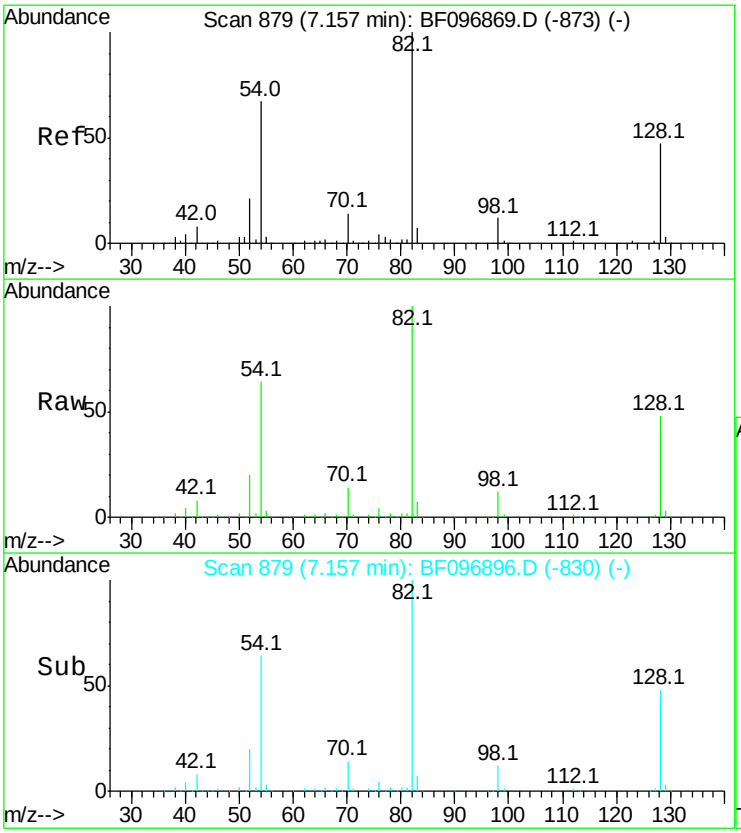
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.87 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096896.D
Acq: 20 Jul 2017 9:10

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-A

Tgt Ion:136 Resp: 468125

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.2	4.9	7.3#
68	5.0	4.1	6.1

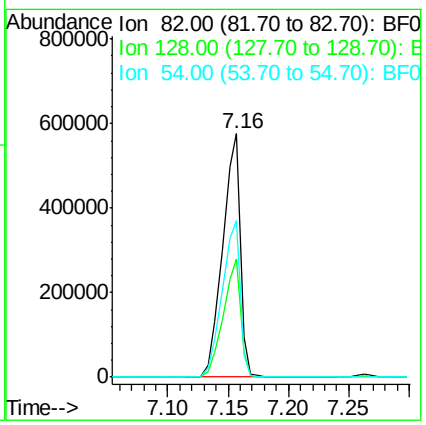


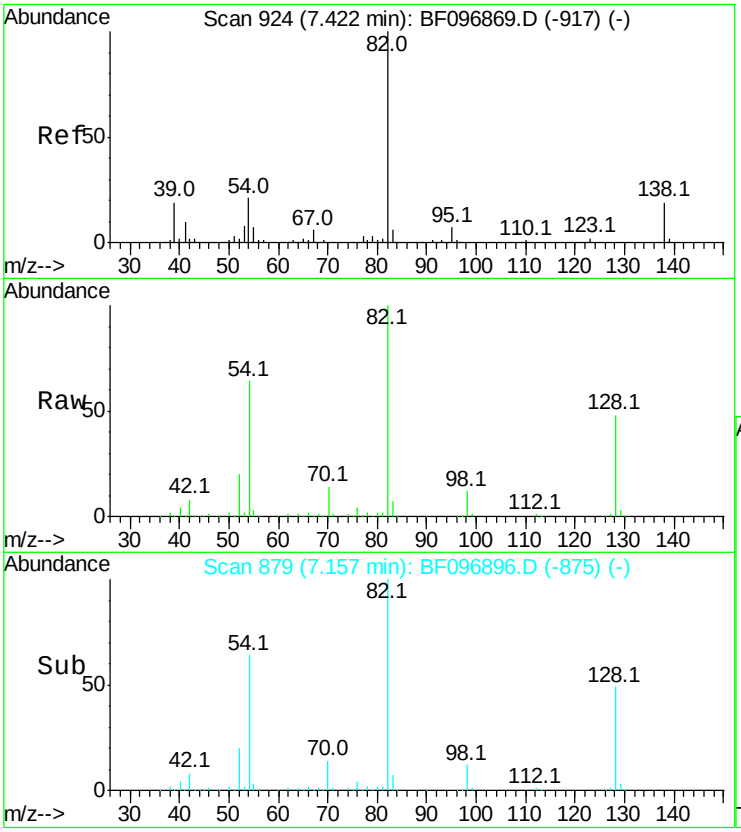


#23
Nitrobenzene-d5
Concen: 76.876 ng
RT: 7.16 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096896.D
Acq: 20 Jul 2017 9:10

Tgt Ion: 82 Resp: 580999

Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.0	51.0
54	64.3	42.2	63.2#



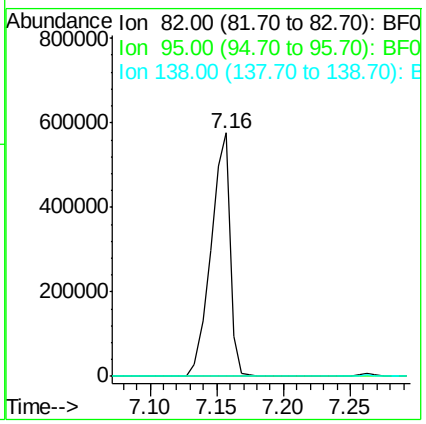


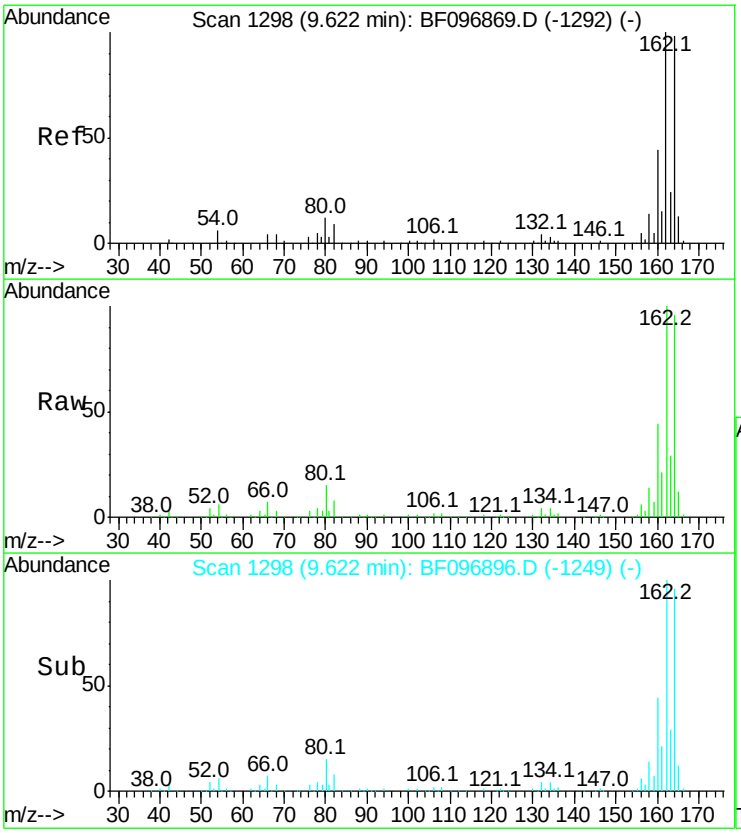
#25
Isophorone
Concen: 41.058 ng
RT: 7.16 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF096896.D
Acq: 20 Jul 2017 9:10

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-A

Tgt Ion: 82 Resp: 577249

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

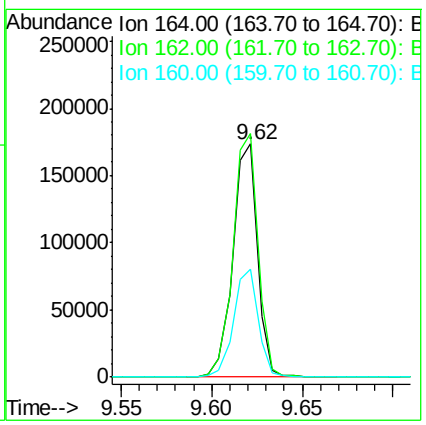


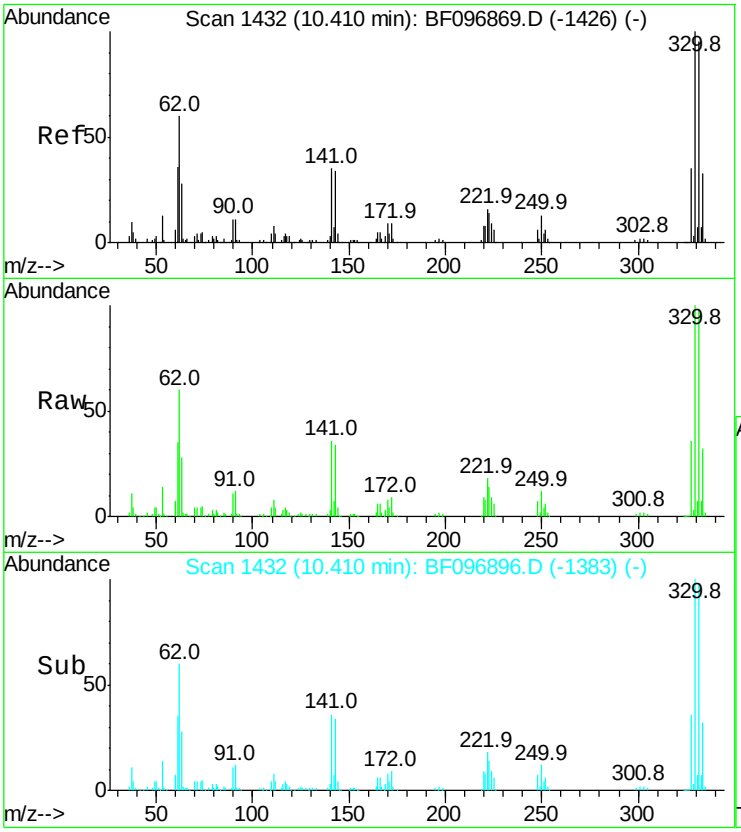


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF096896.D
Acq: 20 Jul 2017 9:10

Tgt Ion:164 Resp: 164108

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.6	123.8
160	46.2	36.2	54.2



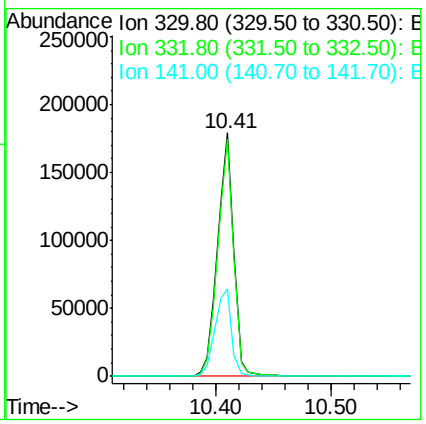


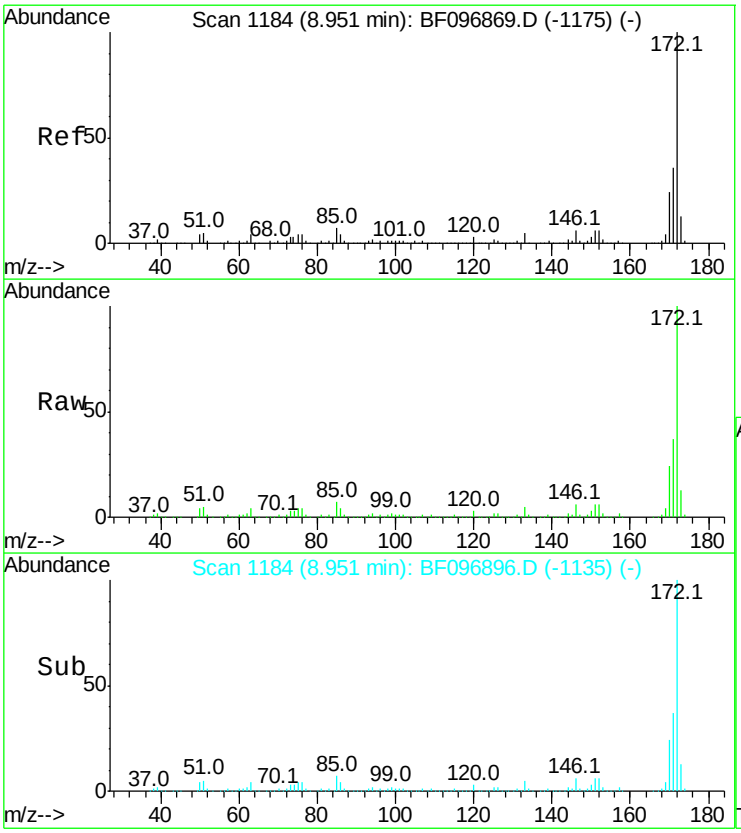
#41
2,4,6-Tribromophenol
Concen: 124.435 ng
RT: 10.41 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF096896.D
Acq: 20 Jul 2017 9:10

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-A

Tgt Ion:330 Resp: 174309

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	37.2	31.4	47.2

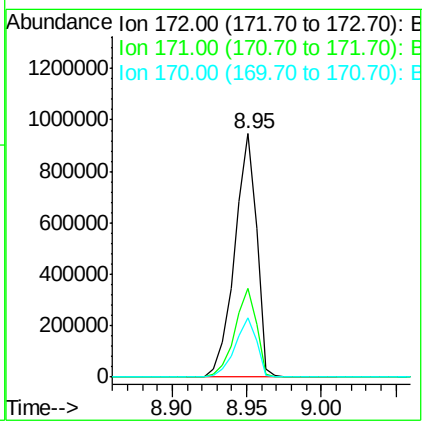


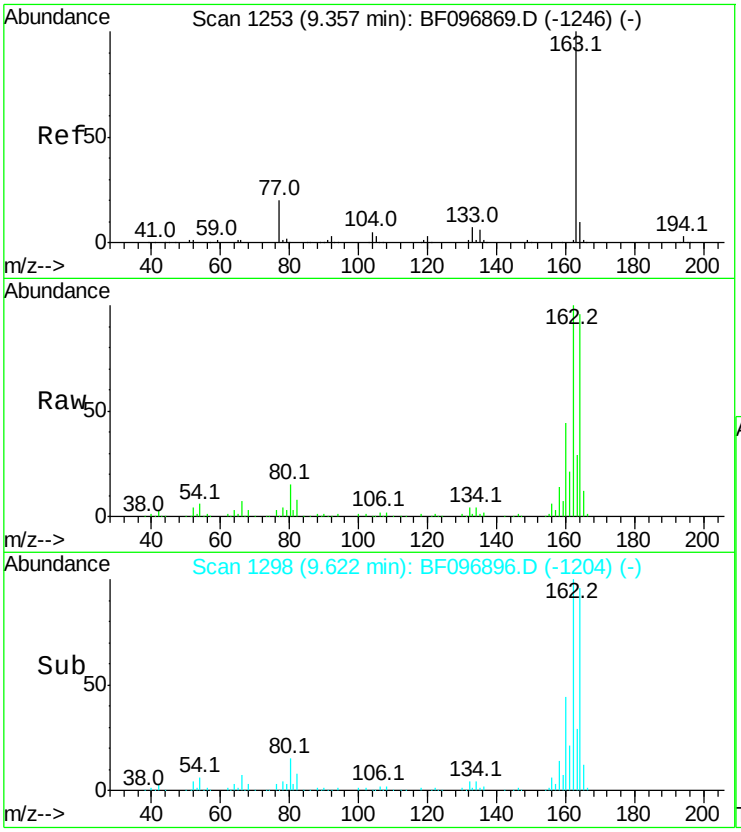


#44
2-Fluorobiphenyl
Concen: 94.446 ng
RT: 8.95 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF096896.D
Acq: 20 Jul 2017 9:10

Tgt Ion:172 Resp: 981024

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.5	19.8	29.8



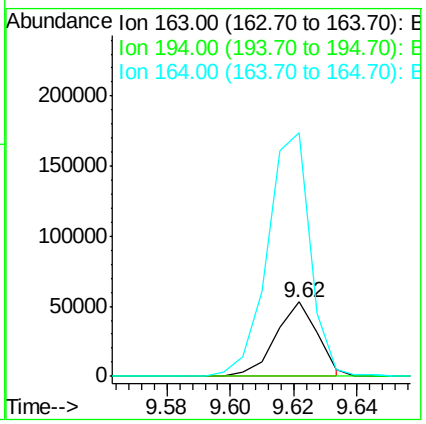


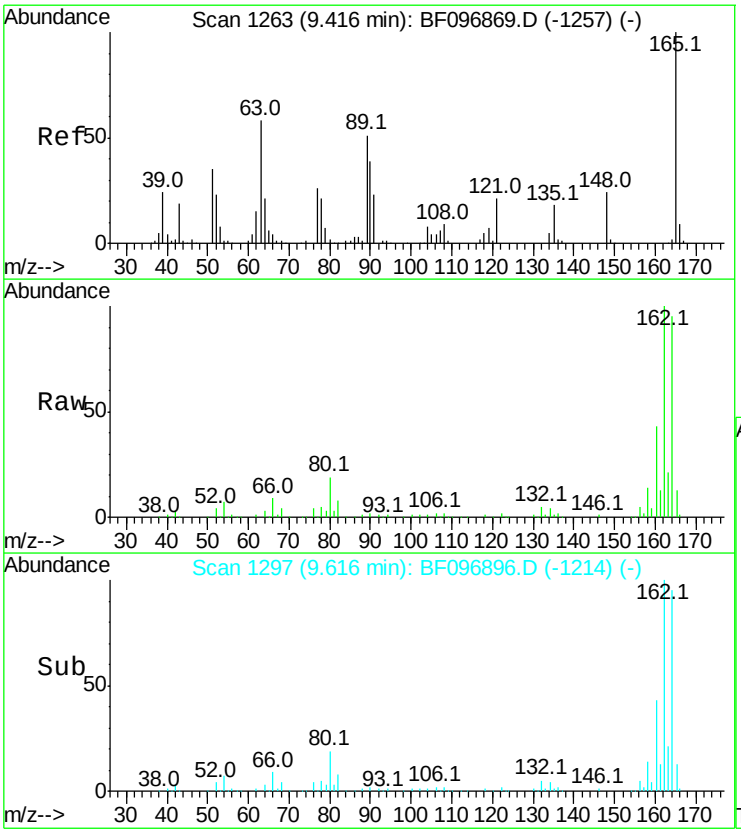
#49
Dimethylphthalate
Concen: 3.942 ng
RT: 9.62 min Scan# 1298
Delta R.T. 0.25 min
Lab File: BF096896.D
Acq: 20 Jul 2017 9:10

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-A

Tgt Ion:163 Resp: 48706

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	328.8	8.4	12.6#

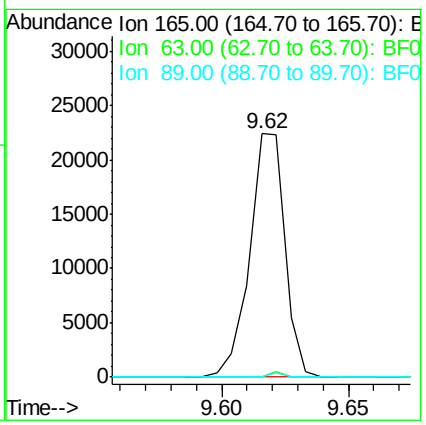


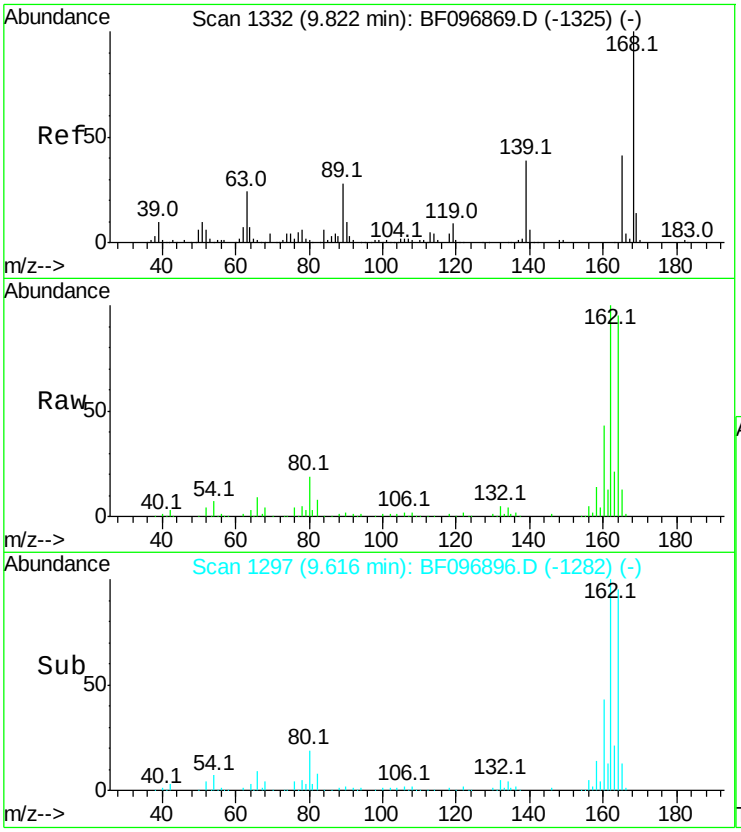


#50
2,6-Dinitrotoluene
Concen: 8.154 ng
RT: 9.62 min Scan# 1297
Delta R.T. 0.19 min
Lab File: BF096896.D
Acq: 20 Jul 2017 9:10

Tgt Ion:165 Resp: 21823

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



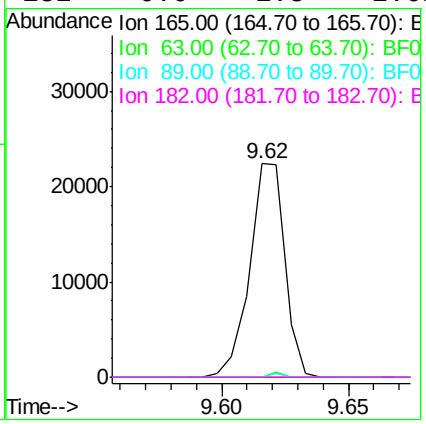


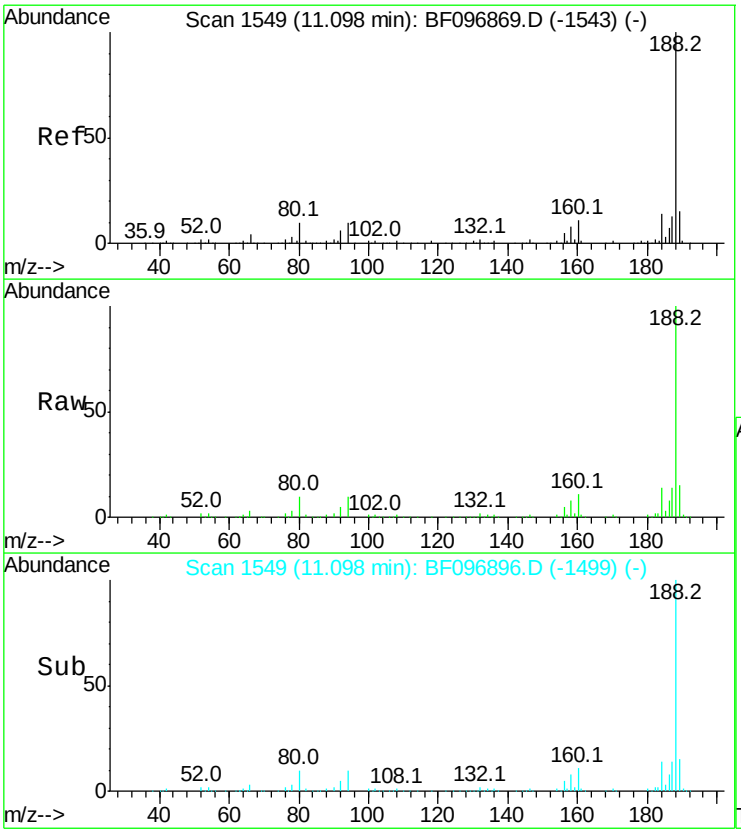
#56
2,4-Dinitrotoluene
Concen: 6.345 ng
RT: 9.62 min Scan# 1297
Delta R.T. -0.21 min
Lab File: BF096896.D
Acq: 20 Jul 2017 9:10

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-A

Tgt Ion:165 Resp: 21823

Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

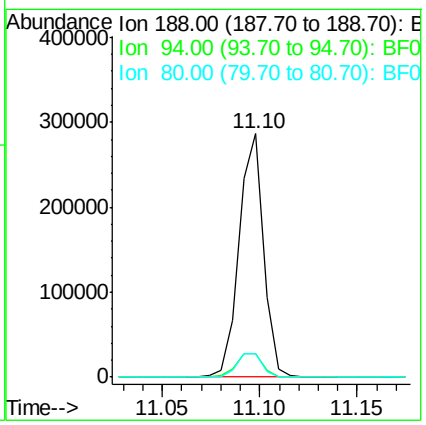


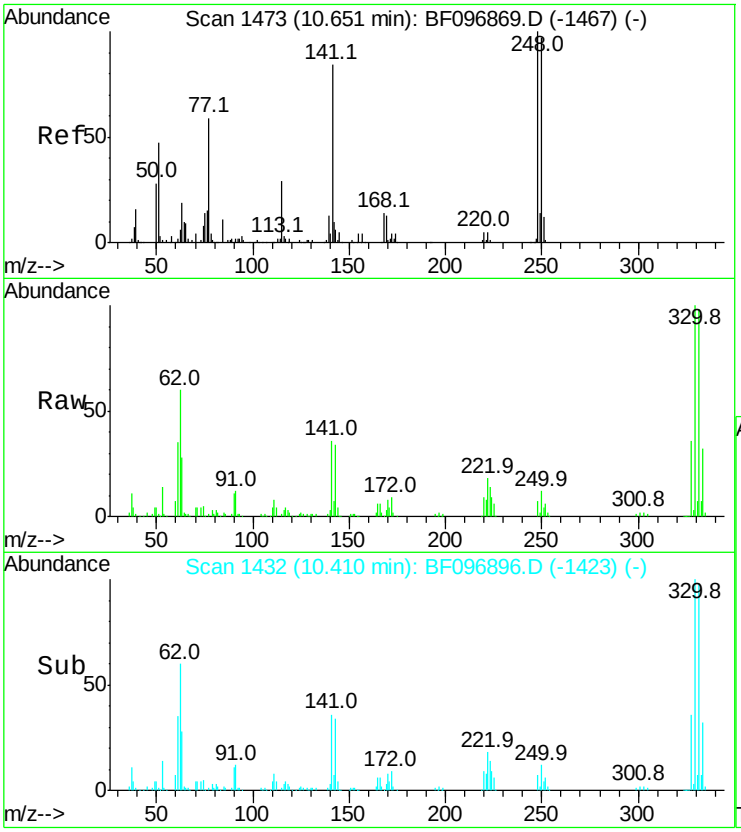


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096896.D
Acq: 20 Jul 2017 9:10

Tgt Ion:188 Resp: 248418

Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	9.6	10.2	15.2#



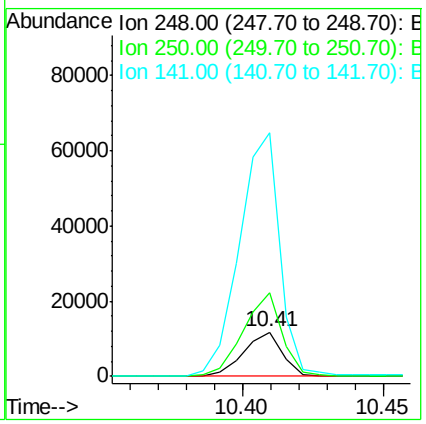


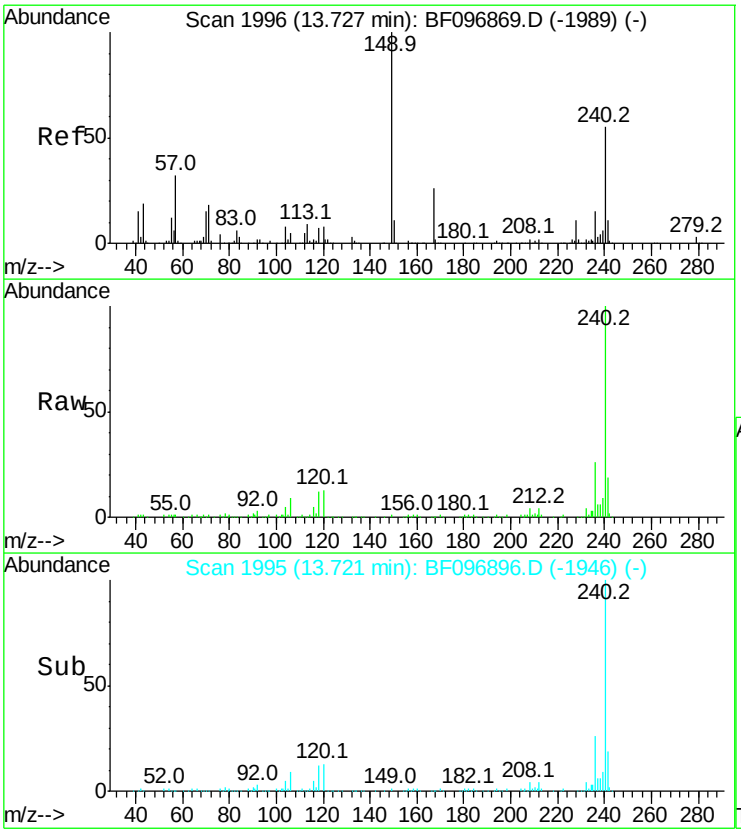
#66
4-Bromophenyl-phenylether
Concen: 4.408 ng
RT: 10.41 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF096896.D
Acq: 20 Jul 2017 9:10

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-A

Tgt Ion:248 Resp: 11179

Ion	Ratio	Lower	Upper
248	100		
250	189.8	76.8	115.2#
141	549.6	68.6	103.0#

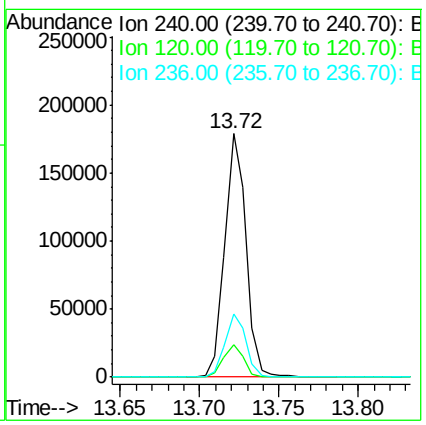


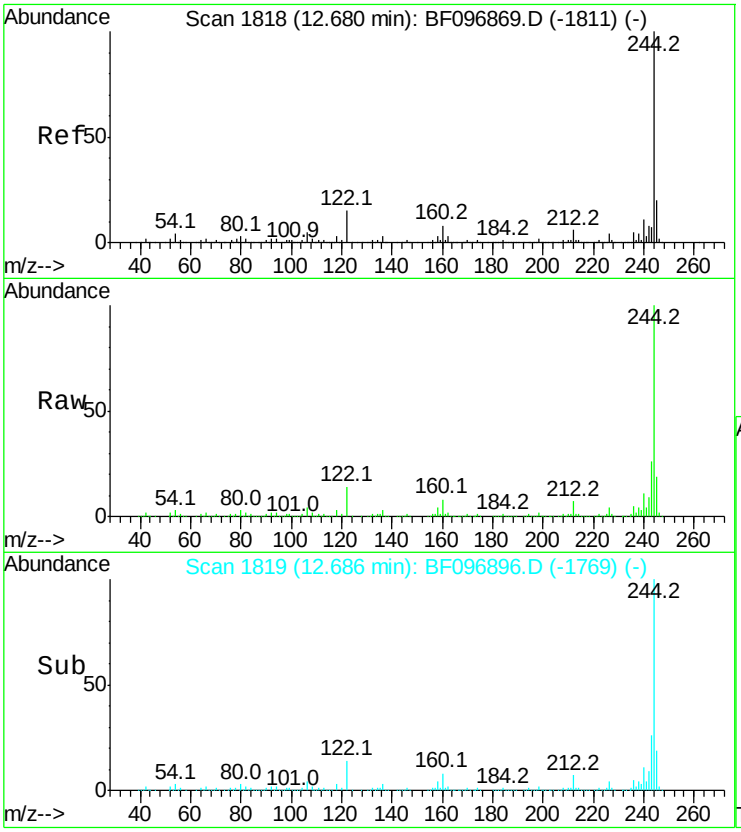


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF096896.D
Acq: 20 Jul 2017 9:10

Tgt Ion:240 Resp: 166087

Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.8	8.8#
236	25.8	20.5	30.7



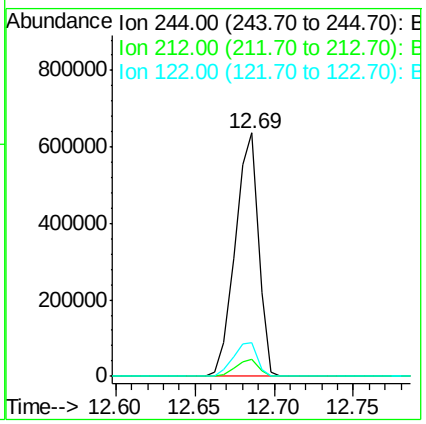


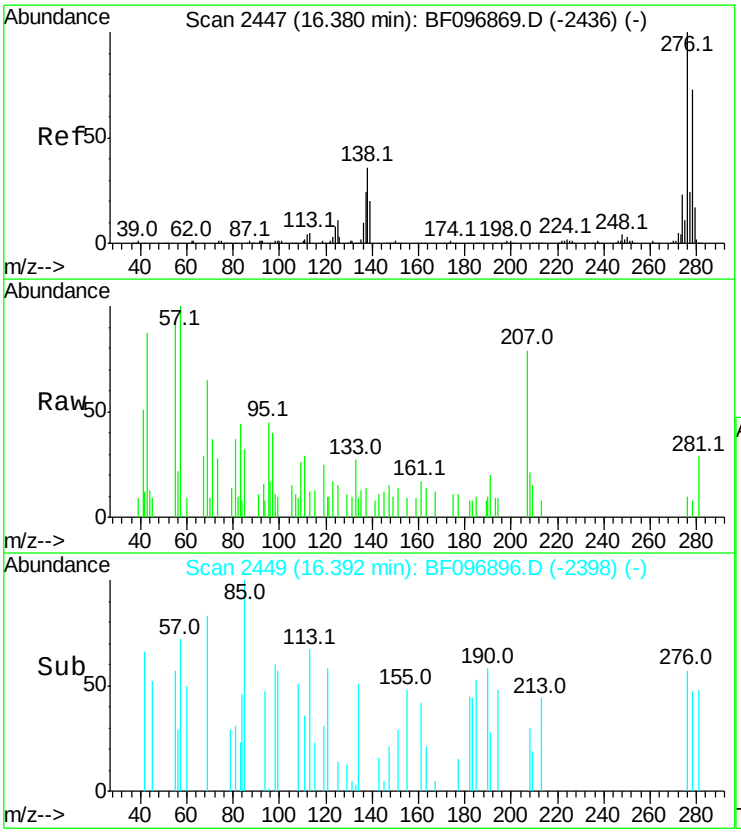
#78
Terphenyl-d14
Concen: 67.681 ng
RT: 12.69 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF096896.D
Acq: 20 Jul 2017 9:10

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-A

Tgt Ion:244 Resp: 648168

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	13.6	10.3	15.5

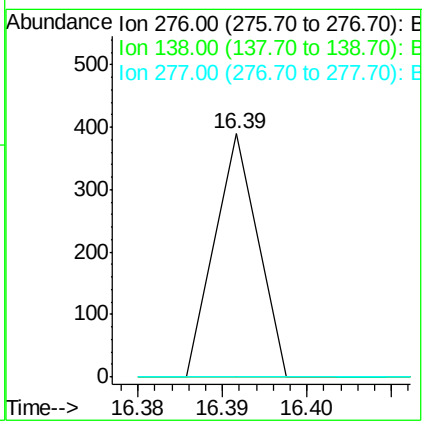


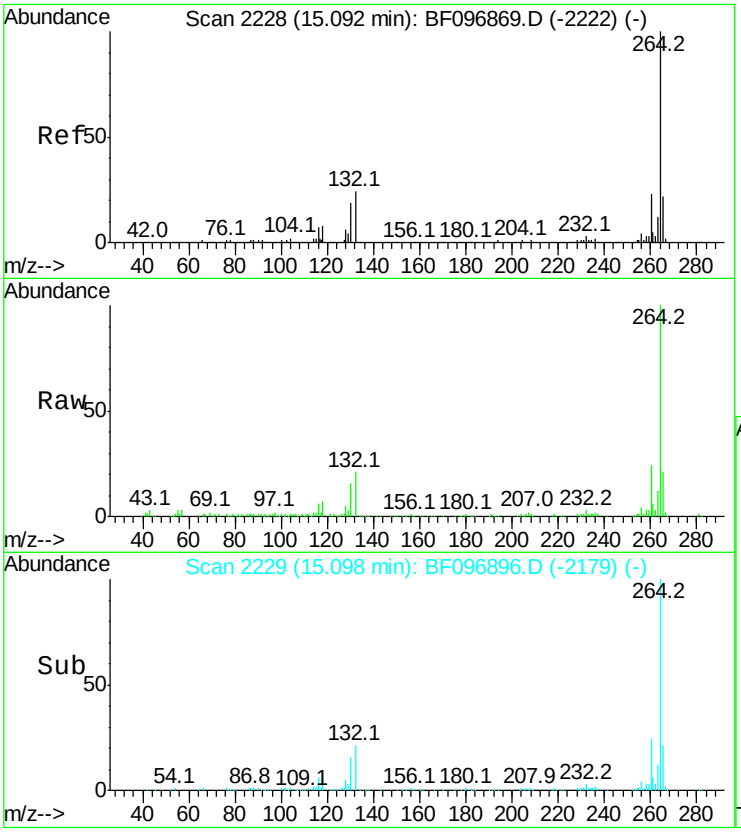


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.342 ng
RT: 16.39 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BF096896.D
Acq: 20 Jul 2017 9:10

Tgt Ion:276 Resp: 138

Ion	Ratio	Lower	Upper
276	100		
138	0.0	27.8	41.6#
277	0.0	20.2	30.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF096896.D
Acq: 20 Jul 2017 9:10

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-A

Tgt Ion:264 Resp: 130490

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	20.9	17.2	25.8