Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097472.D
Acq On : 8 Aug 2017 16:30
Operator : SJ/JU
Sample : I4610-15RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-080317-E

Quant Time: Aug 08 17:57:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	97049	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	395483	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	185250	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	298058	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	230727	20.00	ng	-0.01
86) Perylene-d12	14.86	264	161280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	896787	139.30	ng	0.01
7) Phenol-d6	6.08	99	984507	133.96	ng	0.00
23) Nitrobenzene-d5	6.97	82	623079	92.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	207772	141.95	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1055738	96.72	ng	0.00
78) Terphenyl-d14	12.49	244	822922	72.72	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.56	79	9838	2.114	ng	# 38
19) n-Nitroso-di-n-propylamine	6.97	70	84942	17.558	ng	# 88
25) Isophorone	6.97	82	623075	47.194	ng	# 67
49) Dimethylphthalate	9.43	163	55015	3.911	ng	# 1
50) 2,6-Dinitrotoluene	9.43	165	23589	7.906	ng	# 33
56) 2,4-Dinitrotoluene	9.43	165	23589	6.877	ng	# 32
66) 4-Bromophenyl-phenylether	10.22	248	13046	4.386	ng	# 1

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

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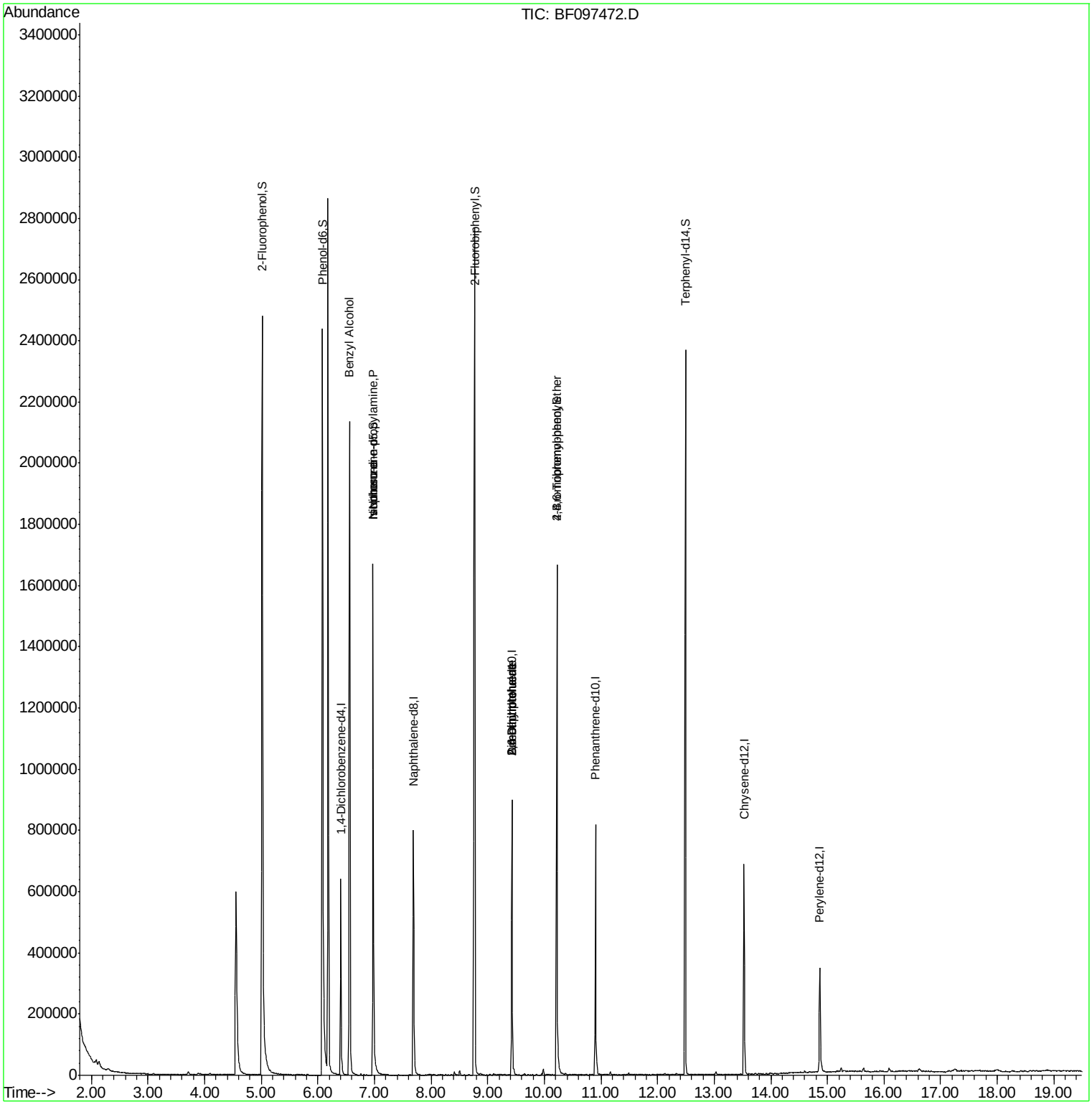
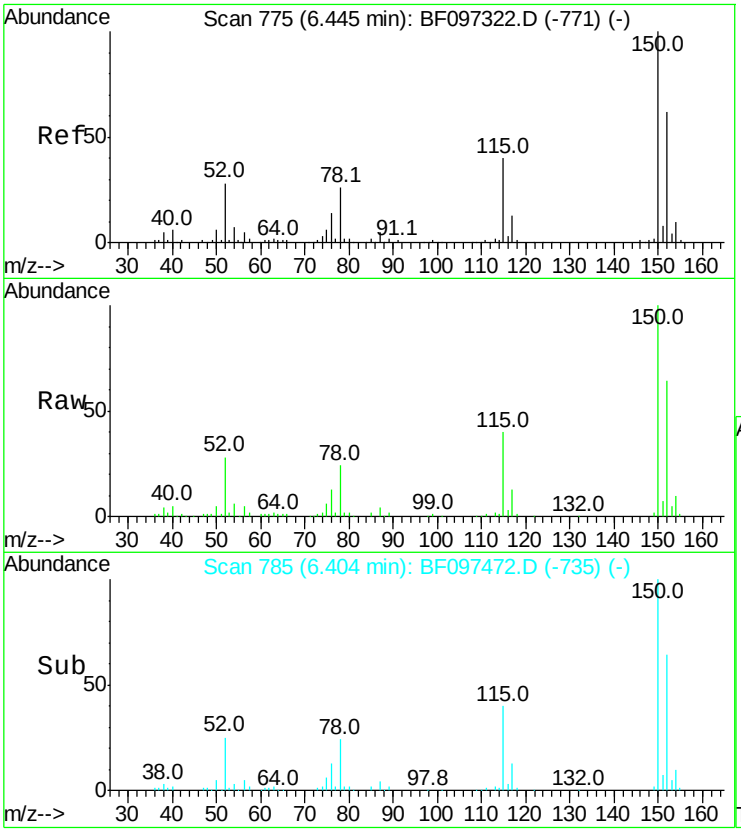


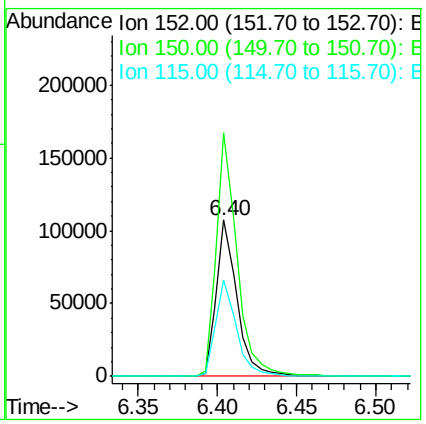


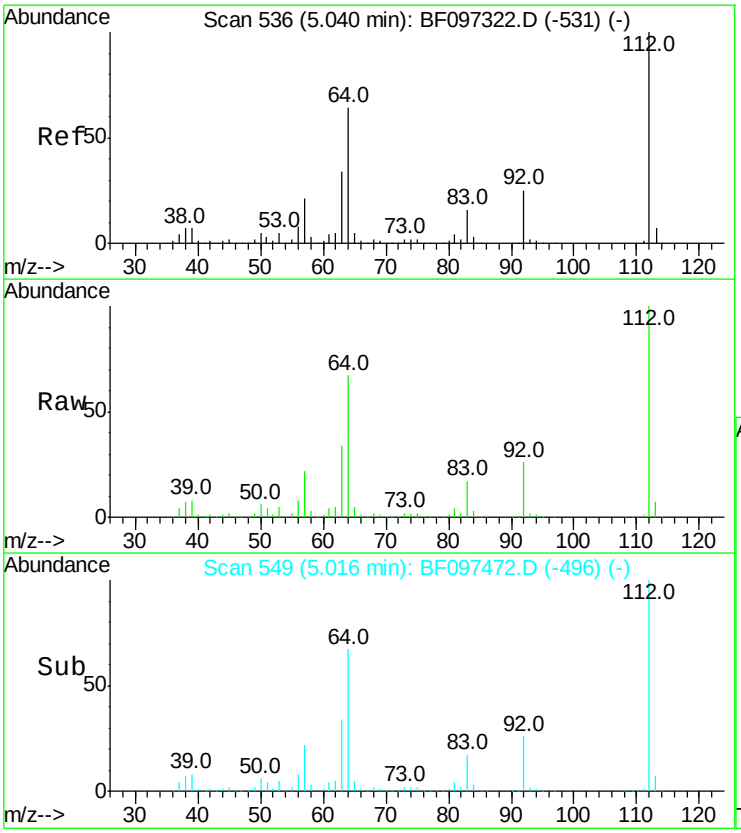
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097472.D
Acq: 8 Aug 2017 16:30

Instrument :
BNA_F
ClientSampleId :
PL-02-080317-E

Tgt Ion:152 Resp: 97049

Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.2	189.2
115	62.0	52.2	78.2

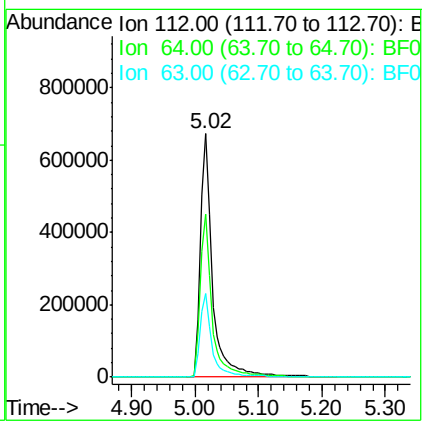


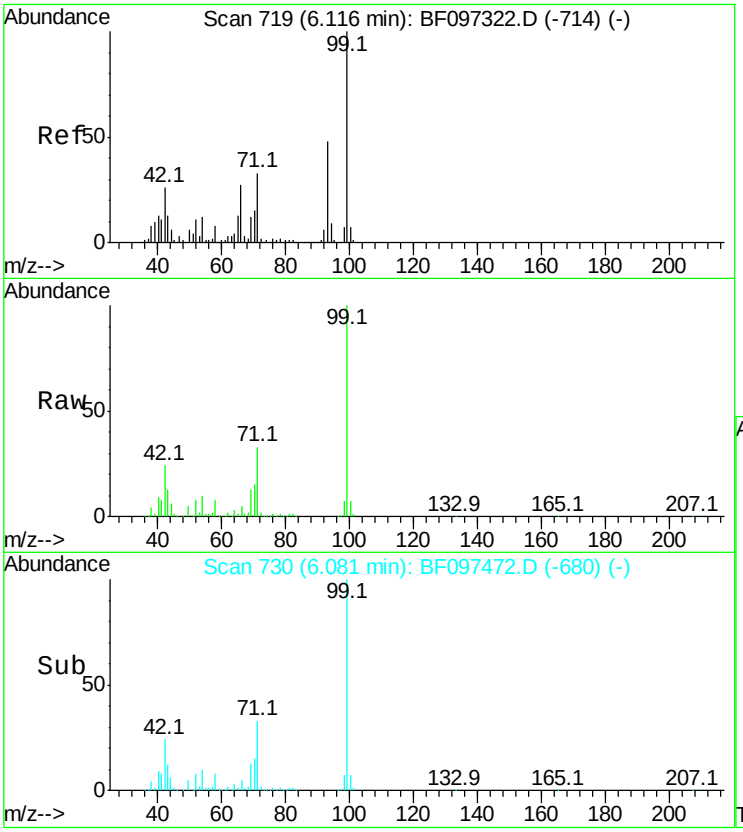


#5
2-Fluorophenol
Concen: 139.300 ng
RT: 5.02 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF097472.D
Acq: 8 Aug 2017 16:30

Tgt Ion:112 Resp: 896787

Ion	Ratio	Lower	Upper
112	100		
64	66.9	46.0	69.0
63	34.4	23.4	35.0



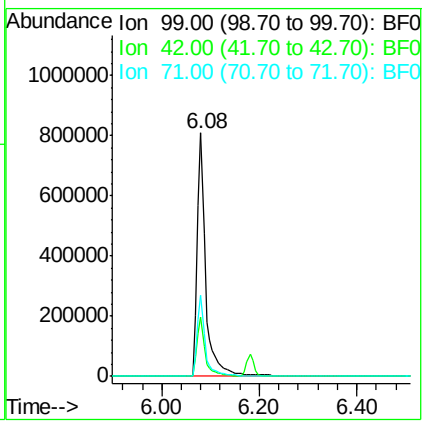


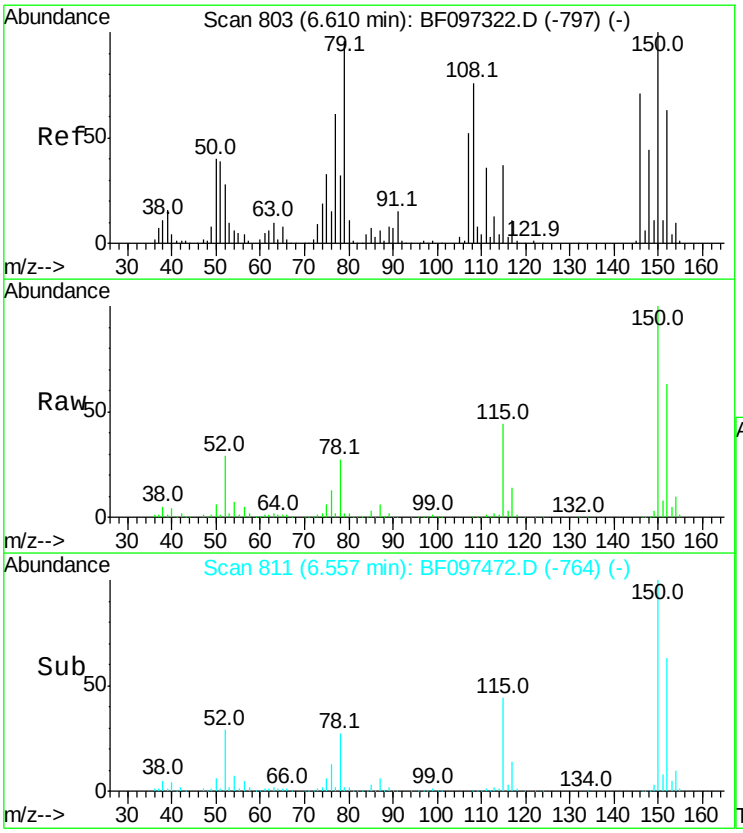
#7
Phenol-d6
Concen: 133.955 ng
RT: 6.08 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF097472.D
Acq: 8 Aug 2017 16:30

Instrument :
BNA_F
ClientSampleId :
PL-02-080317-E

Tgt Ion: 99 Resp: 984507

Ion	Ratio	Lower	Upper
99	100		
42	24.4	13.5	20.3#
71	33.1	24.5	36.7

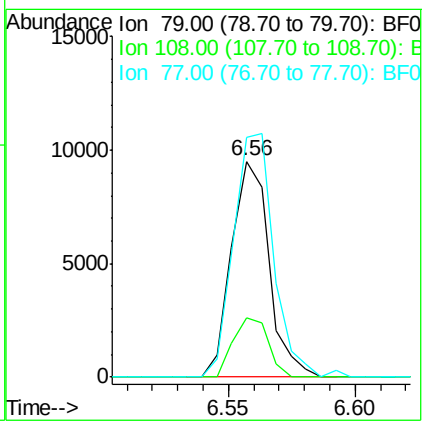


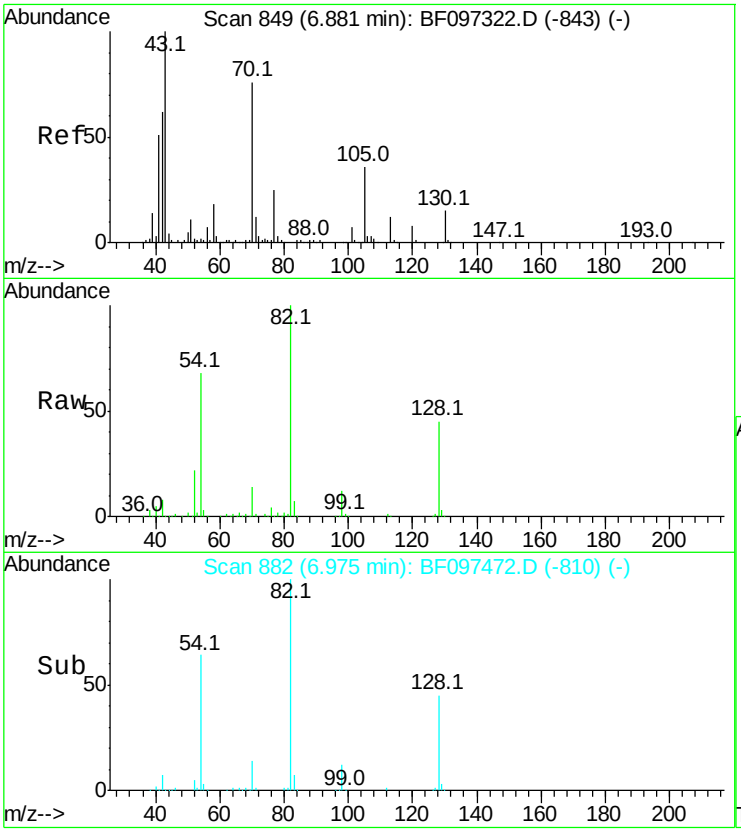


#15
Benzyl Alcohol
Concen: 2.114 ng
RT: 6.56 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF097472.D
Acq: 8 Aug 2017 16:30

Tgt Ion: 79 Resp: 9838

Ion	Ratio	Lower	Upper
79	100		
108	27.3	63.4	95.0#
77	111.3	49.2	73.8#



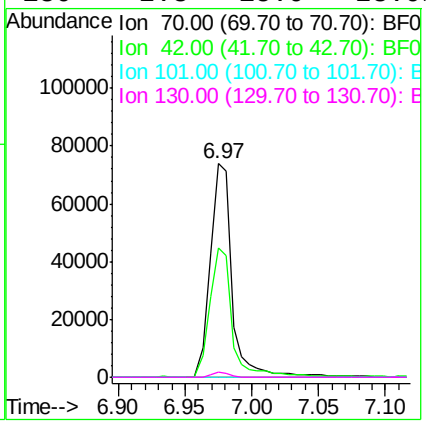


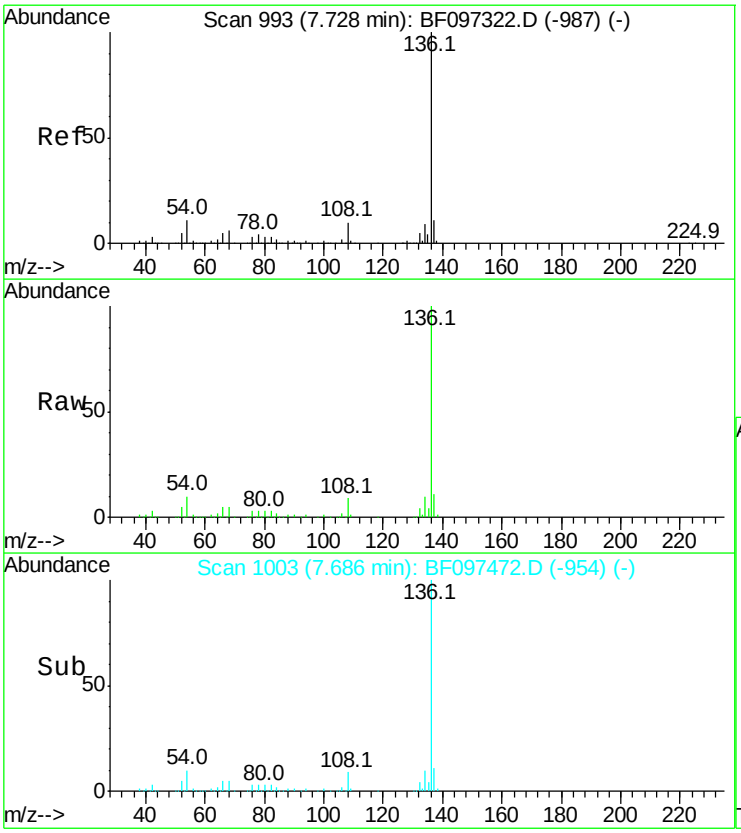
#19
n-Nitroso-di-n-propylamine
Concen: 17.558 ng
RT: 6.97 min Scan# 882
Delta R.T. 0.12 min
Lab File: BF097472.D
Acq: 8 Aug 2017 16:30

Instrument :
BNA_F
ClientSampleId :
PL-02-080317-E

Tgt Ion: 70 Resp: 84942

Ion	Ratio	Lower	Upper
70	100		
42	60.2	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#

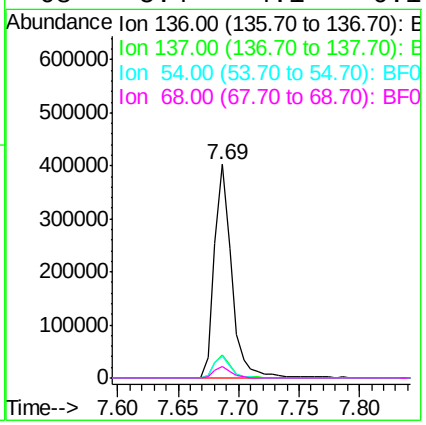


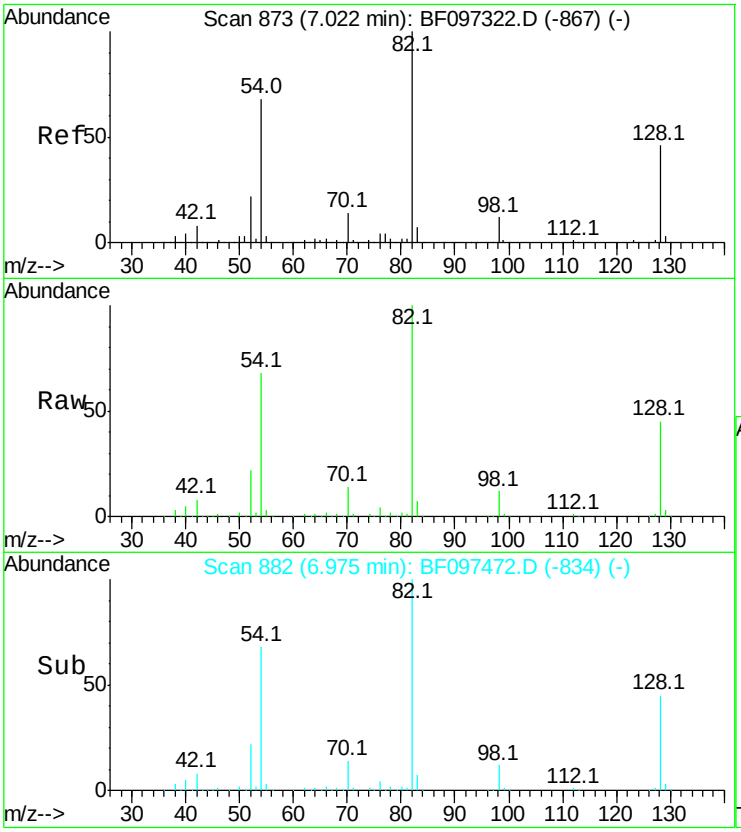


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.69 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF097472.D
Acq: 8 Aug 2017 16:30

Tgt Ion:136 Resp: 395483

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.2	4.9	7.3#
68	5.4	4.1	6.1



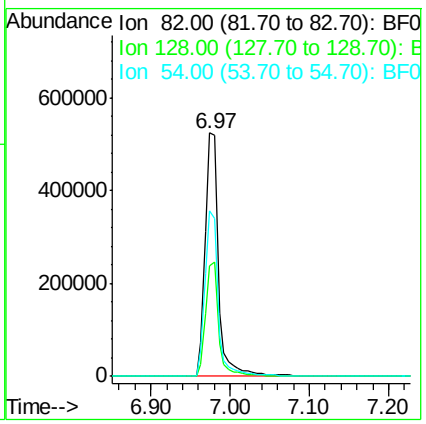


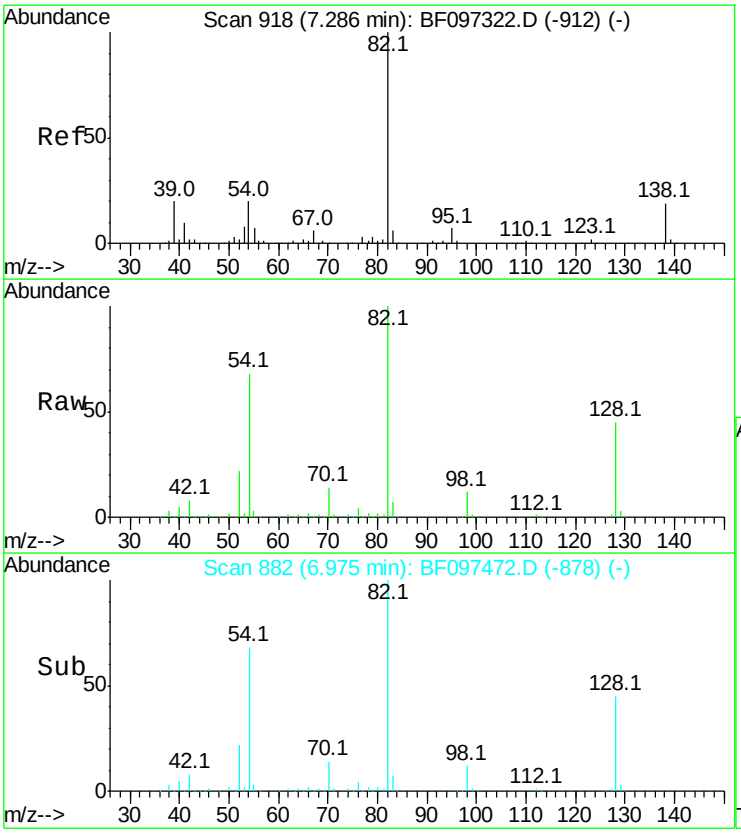
#23
Nitrobenzene-d5
Concen: 92.424 ng
RT: 6.97 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF097472.D
Acq: 8 Aug 2017 16:30

Instrument :
BNA_F
ClientSampleId :
PL-02-080317-E

Tgt Ion: 82 Resp: 623079

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.0	51.0
54	68.3	42.2	63.2#

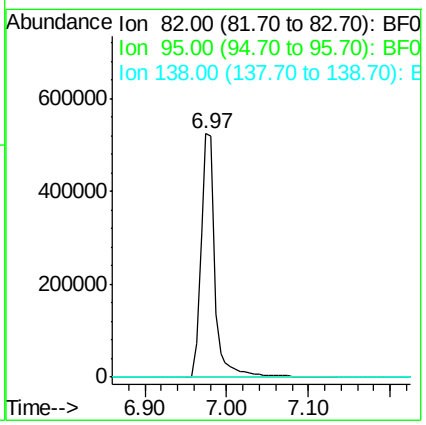


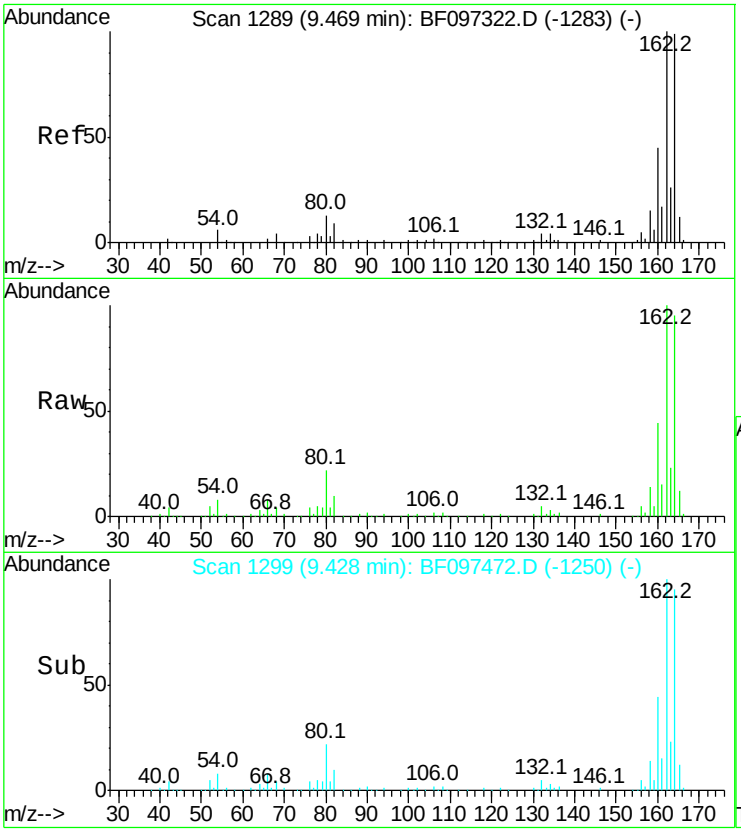


#25
Isophorone
Concen: 47.194 ng
RT: 6.97 min Scan# 882
Delta R.T. -0.28 min
Lab File: BF097472.D
Acq: 8 Aug 2017 16:30

Tgt Ion: 82 Resp: 623075

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



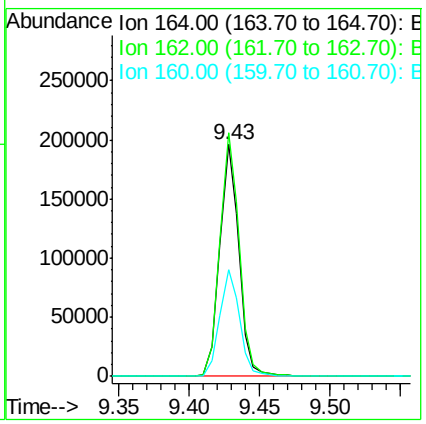


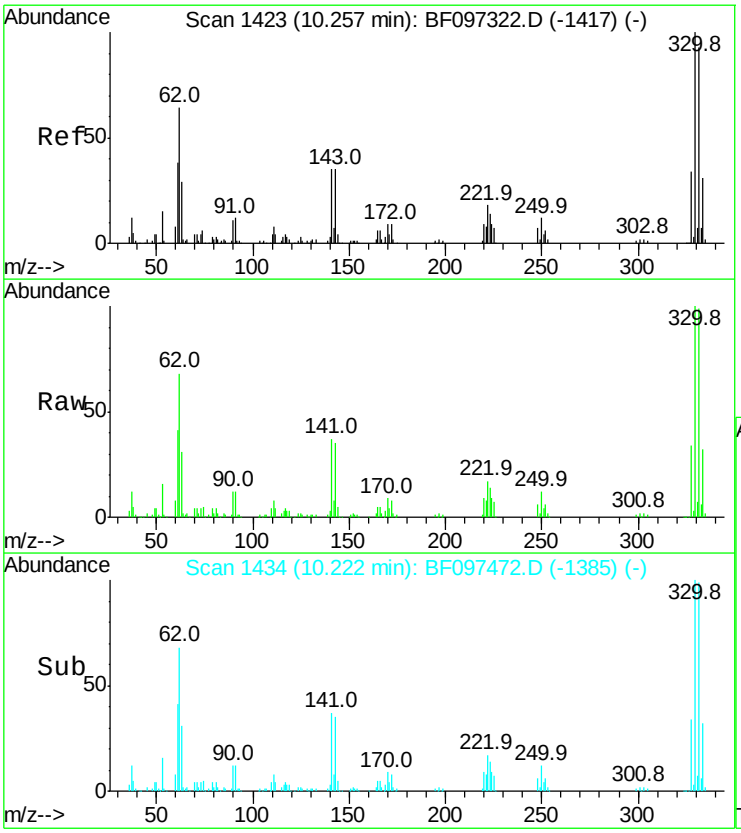
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.43 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097472.D
Acq: 8 Aug 2017 16:30

Instrument :
BNA_F
ClientSampleId :
PL-02-080317-E

Tgt Ion:164 Resp: 185250

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.6	123.8
160	45.9	36.2	54.2

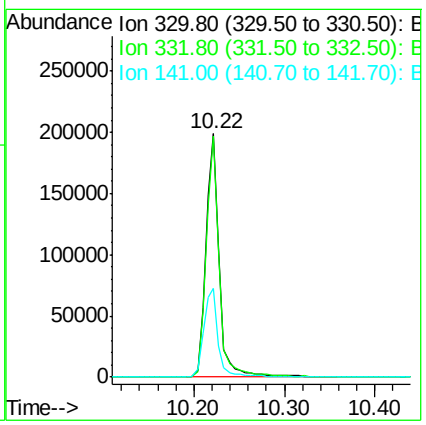


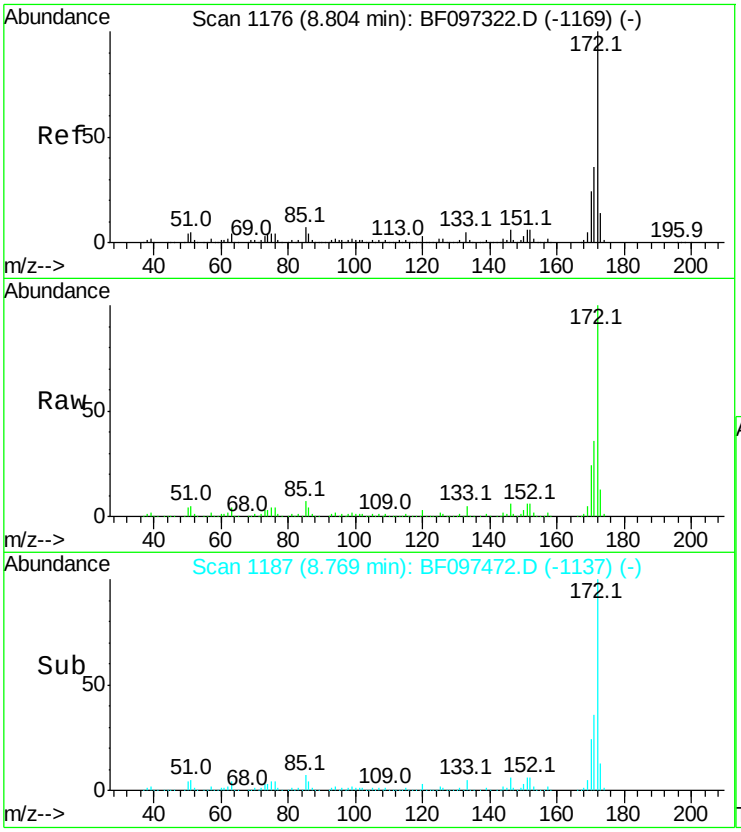


#41
2,4,6-Tribromophenol
Concen: 141.954 ng
RT: 10.22 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF097472.D
Acq: 8 Aug 2017 16:30

Tgt Ion:330 Resp: 207772

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	39.4	31.4	47.2



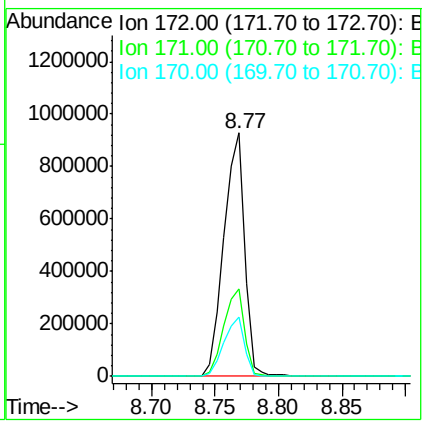


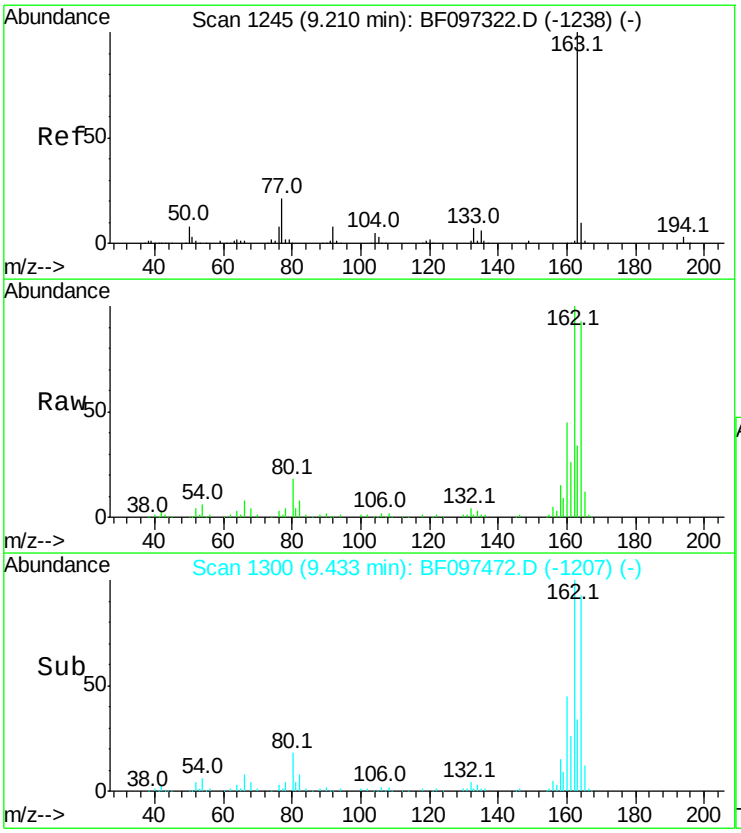
#44
2-Fluorobiphenyl
Concen: 96.717 ng
RT: 8.77 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF097472.D
Acq: 8 Aug 2017 16:30

Instrument :
BNA_F
ClientSampleId :
PL-02-080317-E

Tgt Ion:172 Resp: 1055738

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.4	19.8	29.8

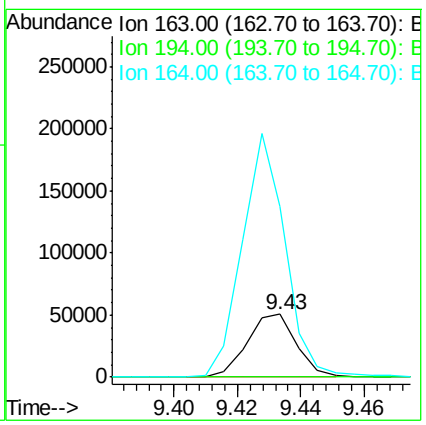


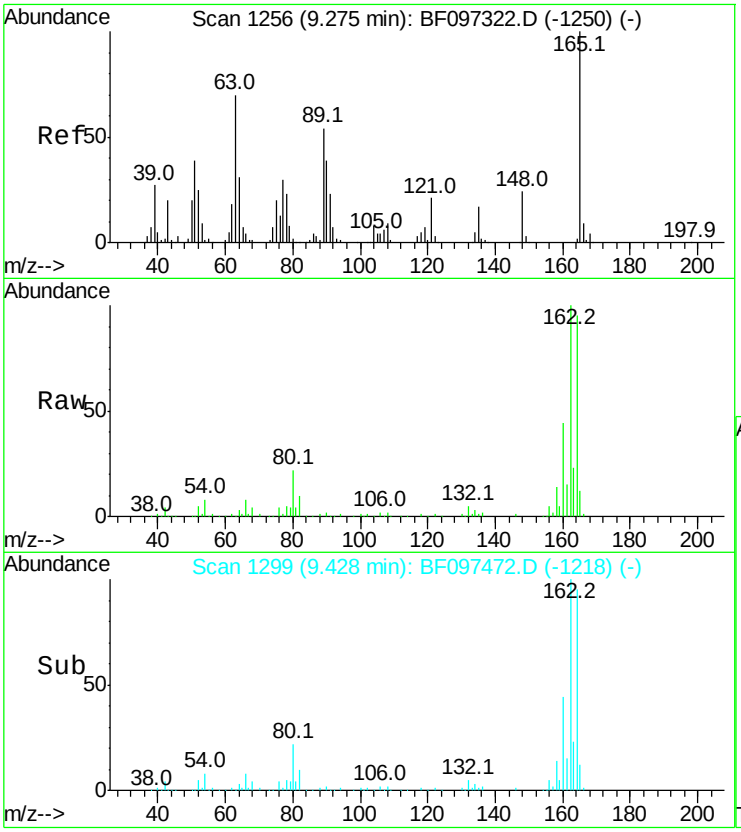


#49
Dimethylphthalate
Concen: 3.911 ng
RT: 9.43 min Scan# 1300
Delta R.T. 0.25 min
Lab File: BF097472.D
Acq: 8 Aug 2017 16:30

Tgt Ion:163 Resp: 55015

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	271.5	8.4	12.6#



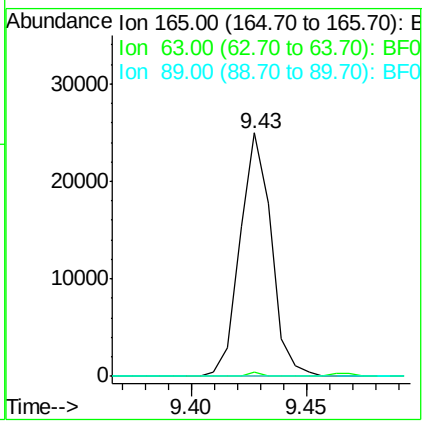


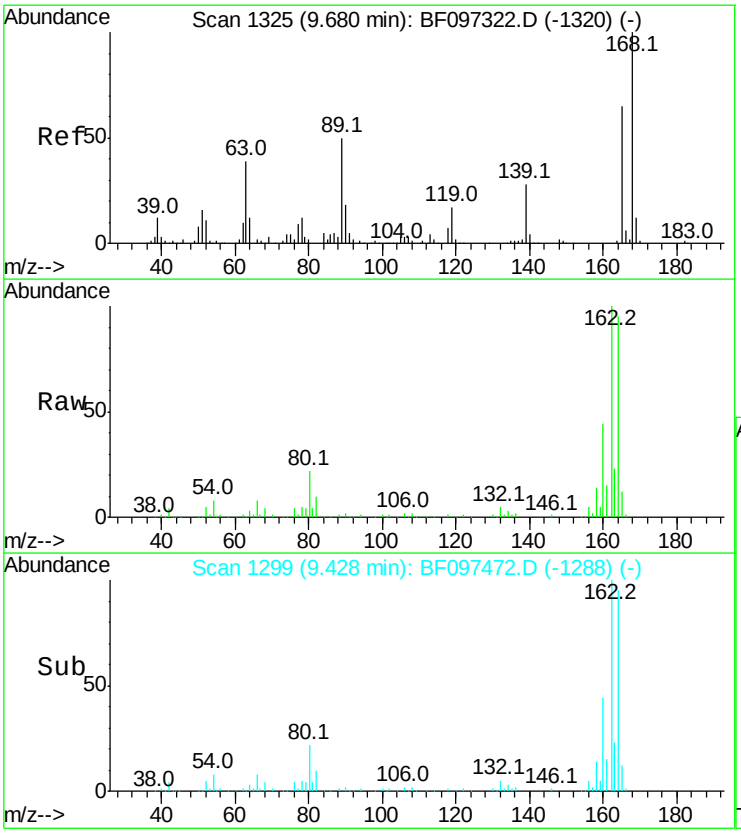
#50
2,6-Dinitrotoluene
Concen: 7.906 ng
RT: 9.43 min Scan# 1299
Delta R.T. 0.18 min
Lab File: BF097472.D
Acq: 8 Aug 2017 16:30

Instrument :
BNA_F
ClientSampleId :
PL-02-080317-E

Tgt Ion:165 Resp: 23589

Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.3	51.5#
89	0.0	37.1	55.7#

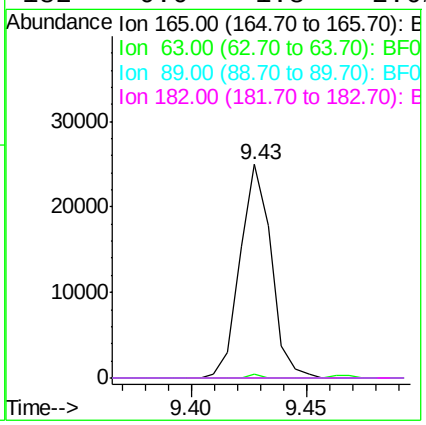


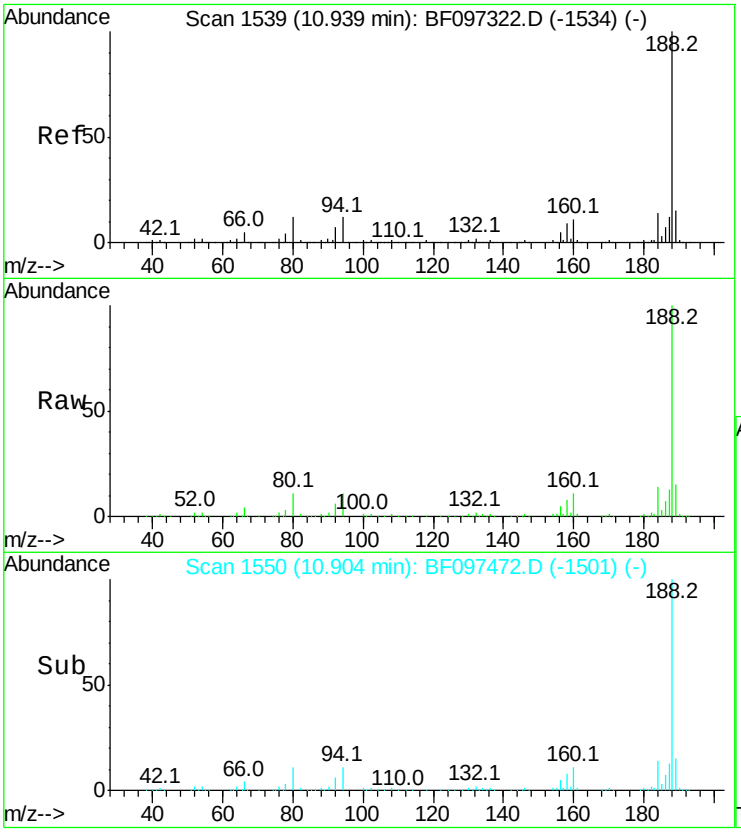


#56
2,4-Dinitrotoluene
Concen: 6.877 ng
RT: 9.43 min Scan# 1299
Delta R.T. -0.24 min
Lab File: BF097472.D
Acq: 8 Aug 2017 16:30

Tgt Ion:165 Resp: 23589

Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



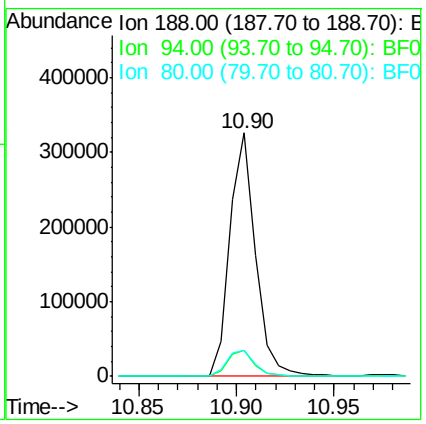


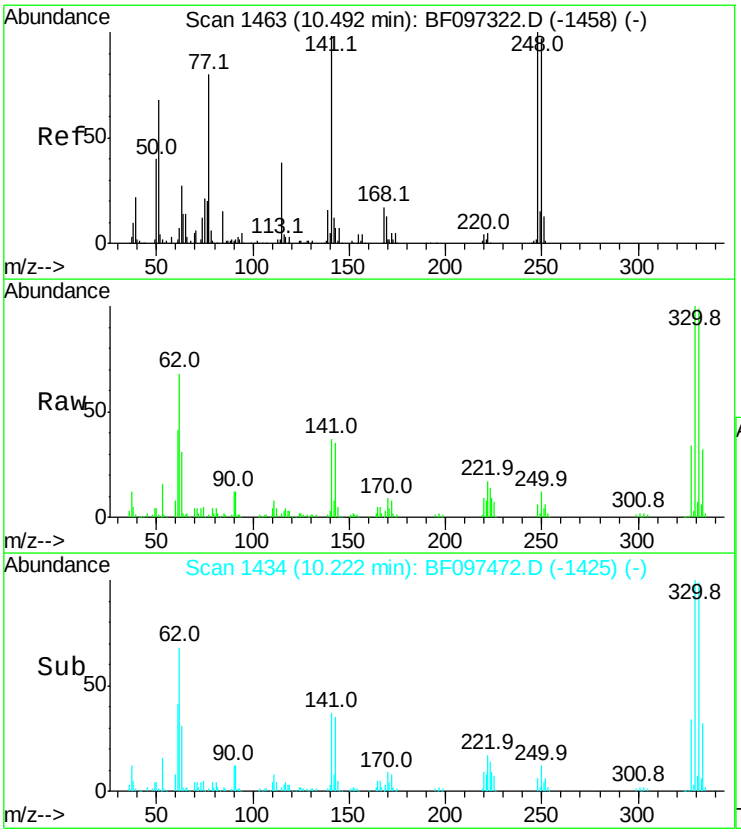
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097472.D
Acq: 8 Aug 2017 16:30

Instrument :
BNA_F
ClientSampleId :
PL-02-080317-E

Tgt Ion:188 Resp: 298058

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	10.9	10.2	15.2

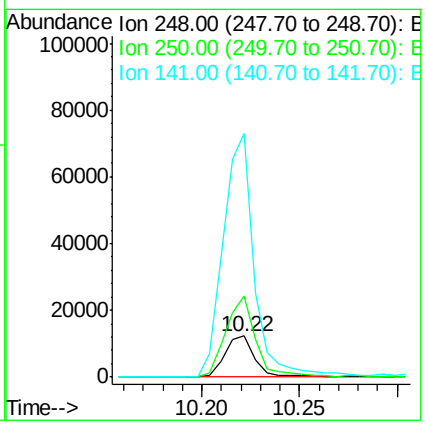


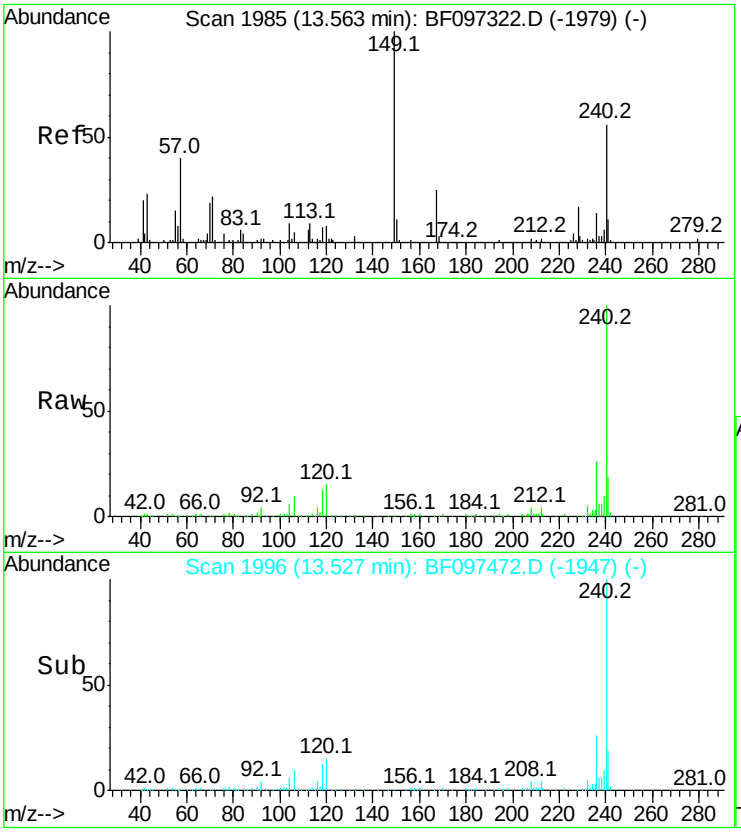


#66
4-Bromophenyl-phenylether
Concen: 4.386 ng
RT: 10.22 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF097472.D
Acq: 8 Aug 2017 16:30

Tgt Ion:248 Resp: 13046

Ion	Ratio	Lower	Upper
248	100		
250	197.2	76.8	115.2#
141	592.6	68.6	103.0#



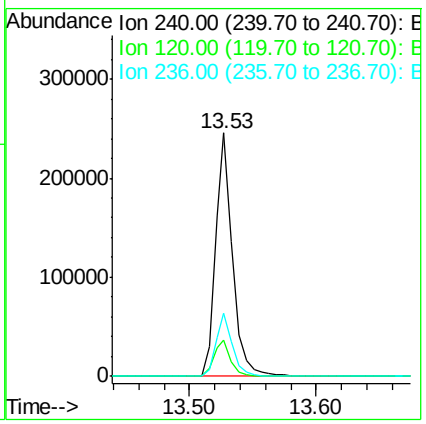


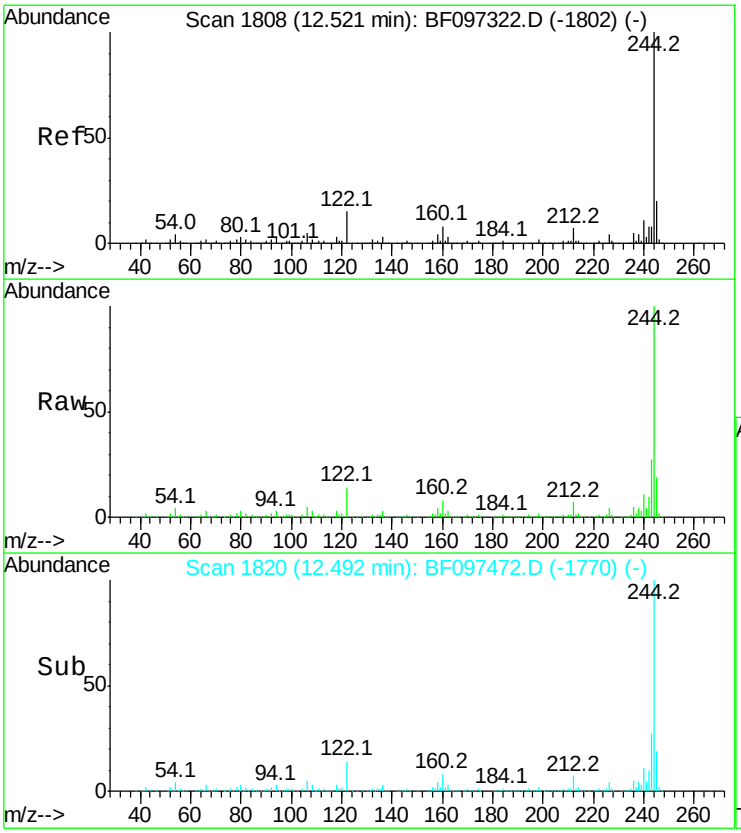
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF097472.D
Acq: 8 Aug 2017 16:30

Instrument :
BNA_F
ClientSampleId :
PL-02-080317-E

Tgt Ion:240 Resp: 230727

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	26.1	20.5	30.7

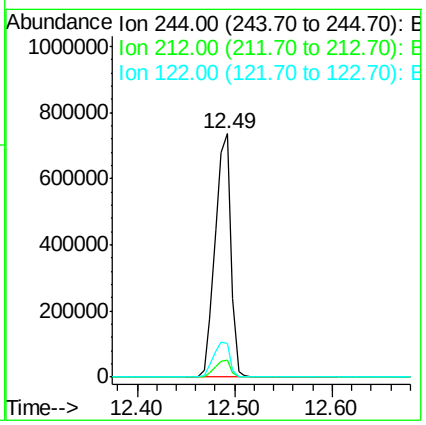


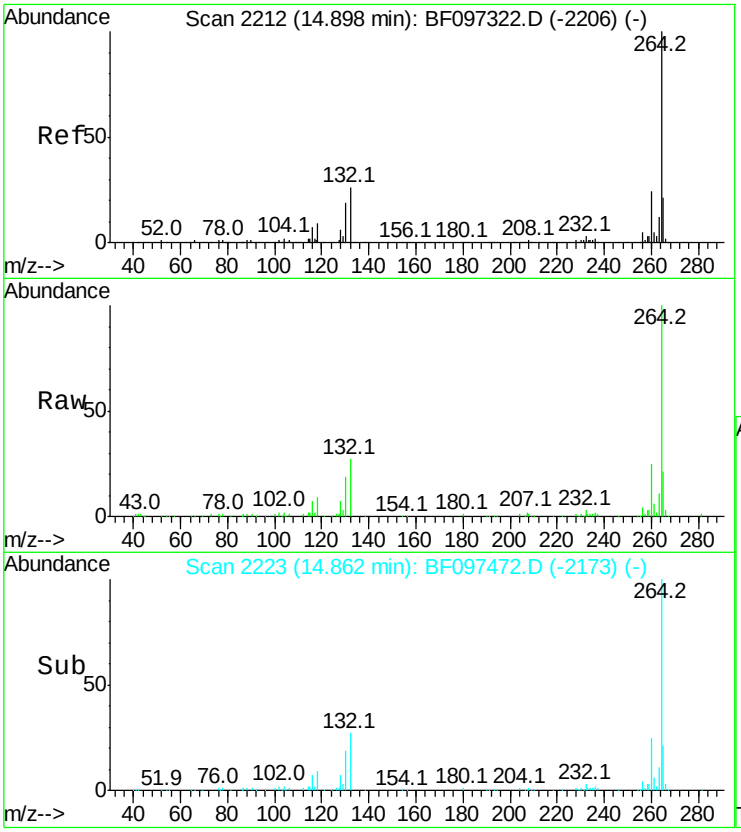


#78
Terphenyl-d14
Concen: 72.719 ng
RT: 12.49 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF097472.D
Acq: 8 Aug 2017 16:30

Tgt Ion:244 Resp: 822922

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.7	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 14.86 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097472.D
Acq: 8 Aug 2017 16:30

Instrument :
BNA_F
ClientSampleId :
PL-02-080317-E

Tgt Ion:264 Resp: 161280

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.4	17.2	25.8