Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098512.D
Acq On : 14 Sep 2017 1:55
Operator : SJ/JU
Sample : I5140-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 14 05:23:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	172462	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	695588	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	284750	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	440297	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	359099	20.00	ng	-0.01
86) Perylene-d12	15.20	264	306348	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	863135	74.00	ng	-0.01
7) Phenol-d6	6.31	99	1035355	69.91	ng	-0.01
23) Nitrobenzene-d5	7.22	82	635212	50.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	120799	63.56	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	968159	57.63	ng	-0.02
78) Terphenyl-d14	12.75	244	613495	36.88	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	84907	9.114	ng	# 81
25) Isophorone	7.22	82	624542	24.740	ng	# 67
32) Benzoic acid	7.76	122	110	7.982	ng	# 1
49) Dimethylphthalate	9.41	163	87297	3.960	ng	99
50) 2,6-Dinitrotoluene	9.69	165	37083	8.190	ng	# 34
56) 2,4-Dinitrotoluene	9.69	165	37083	6.737	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.47	198	129	5.007	ng	# 1
66) 4-Bromophenyl-phenylether	10.47	248	8796	2.105	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
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Acq On : 14 Sep 2017 1:55
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Misc :
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BNA_F
ClientSampleId :

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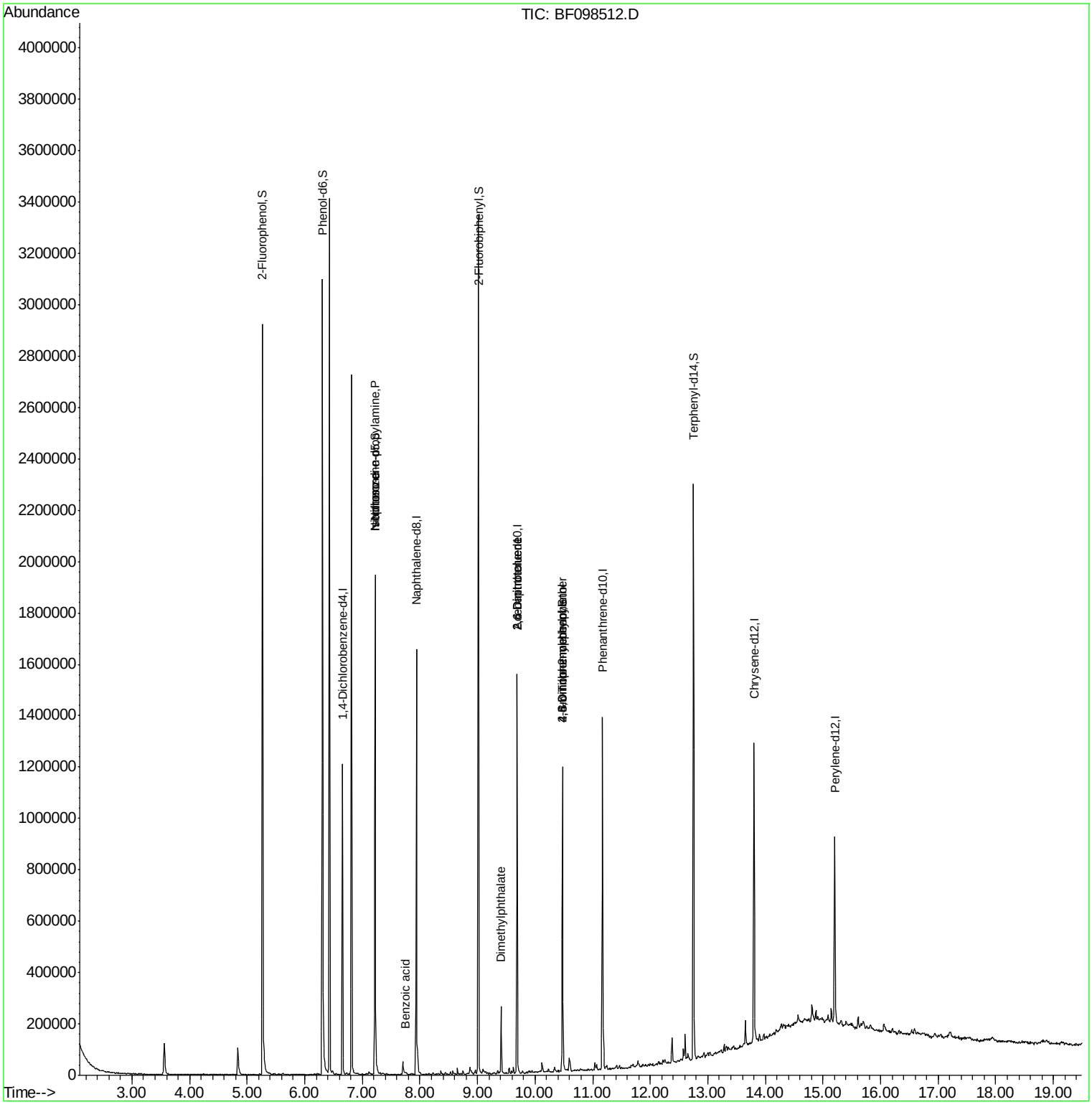
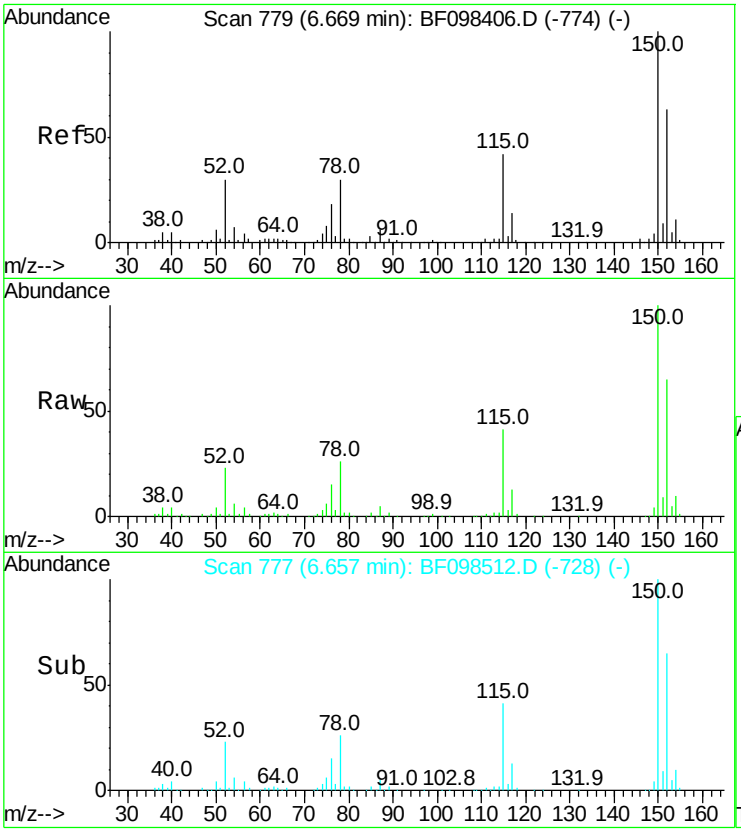
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration



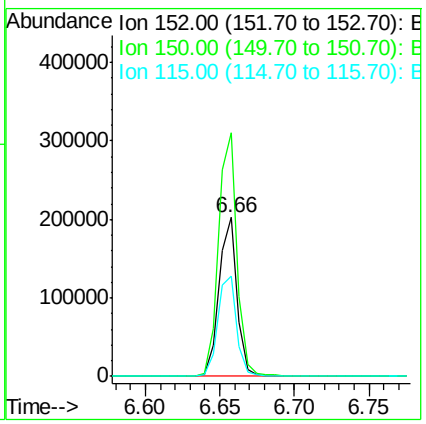


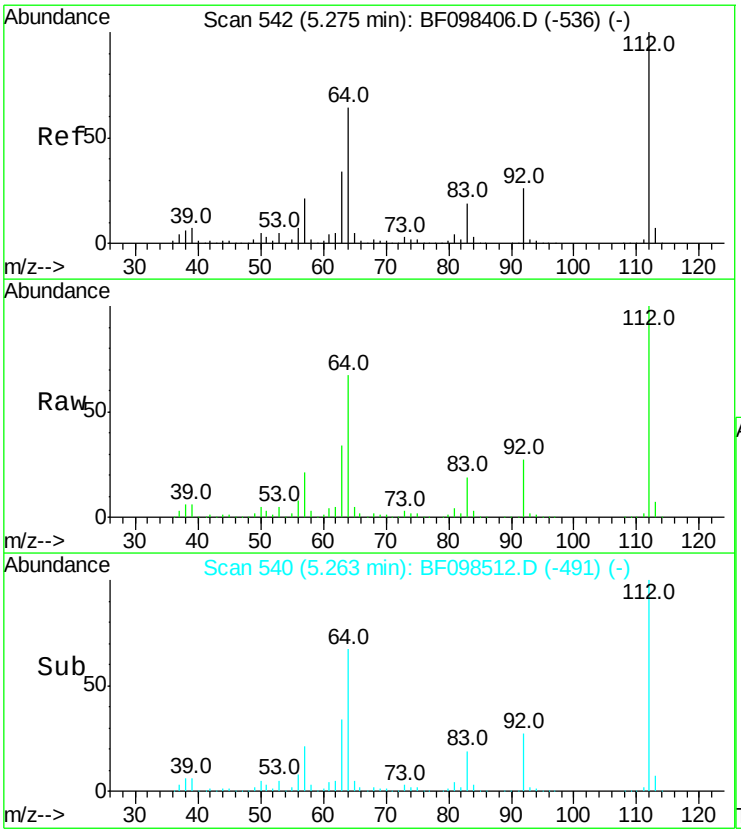
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 172462

Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.2	189.2
115	63.1	52.2	78.2

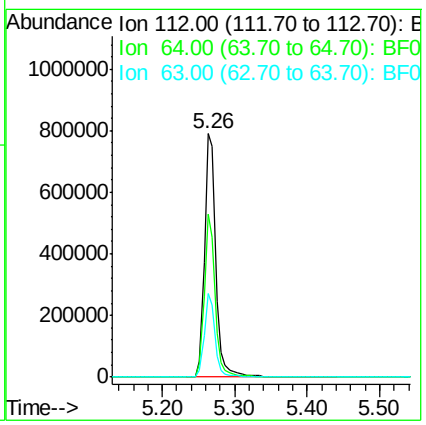


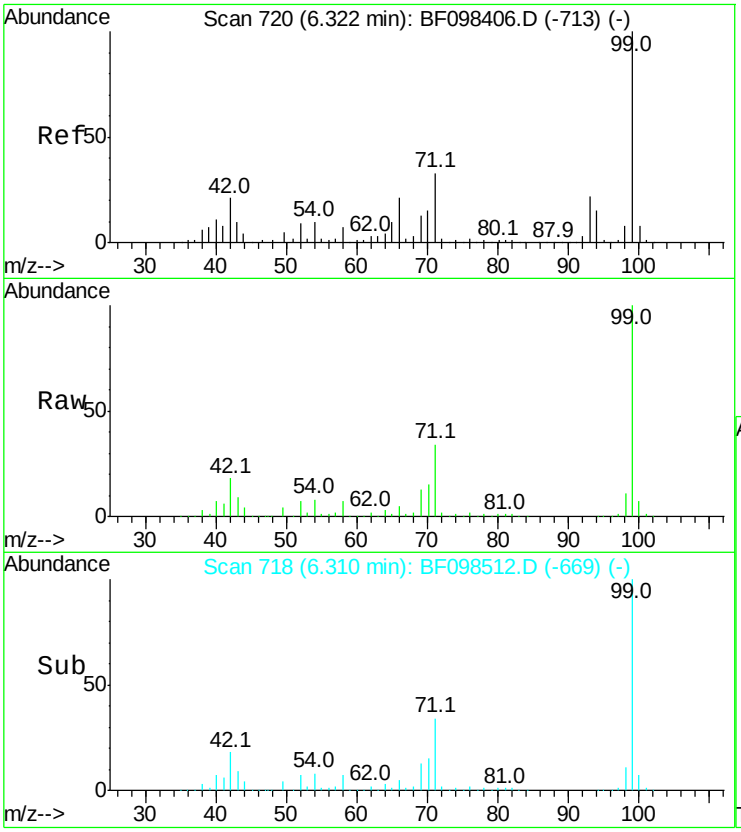


#5
2-Fluorophenol
Concen: 73.997 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Tgt Ion:112 Resp: 863135

Ion	Ratio	Lower	Upper
112	100		
64	67.0	46.0	69.0
63	34.5	23.4	35.0



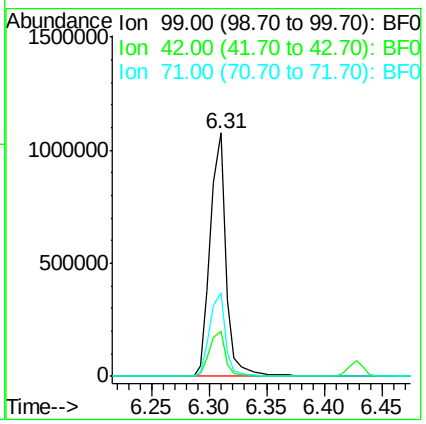


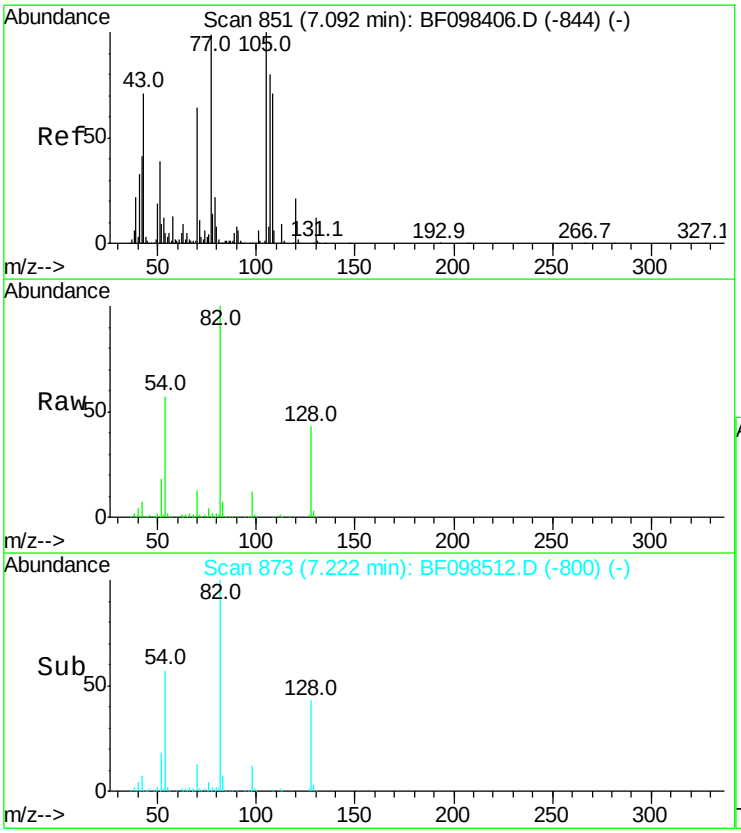
#7
Phenol-d6
Concen: 69.909 ng
RT: 6.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1035355

Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.5	20.3
71	34.4	24.5	36.7

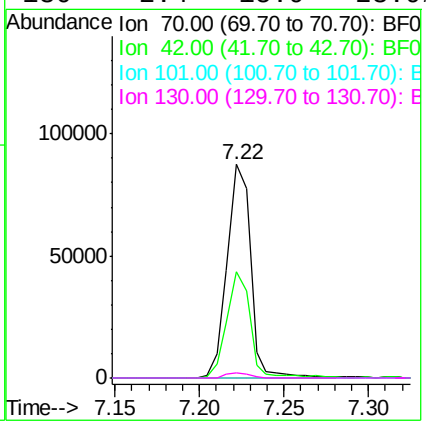


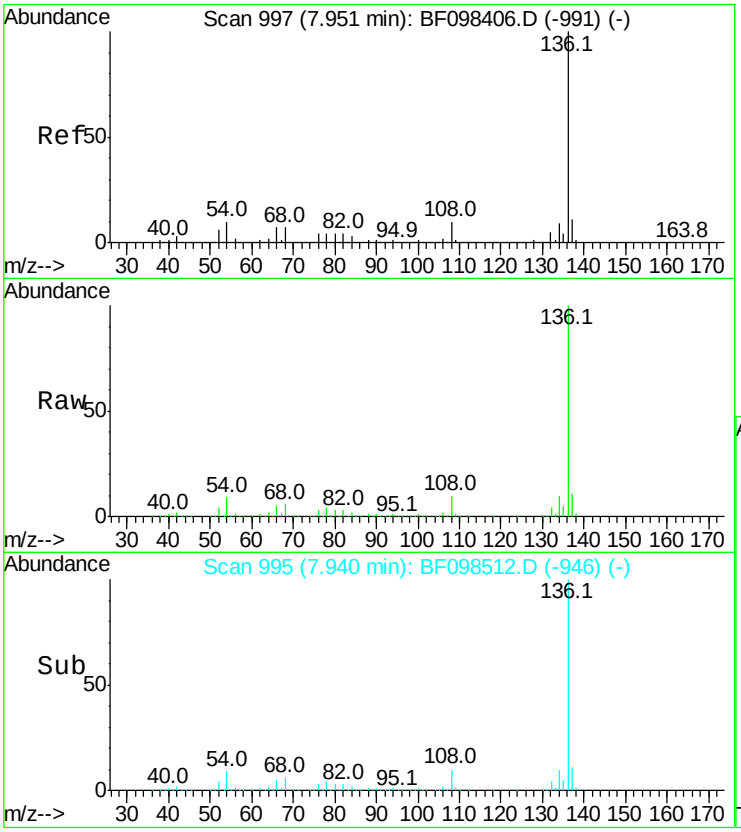


#19
n-Nitroso-di-n-propylamine
Concen: 9.114 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.13 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Tgt Ion: 70 Resp: 84907

Ion	Ratio	Lower	Upper
70	100		
42	49.8	47.2	70.8
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#



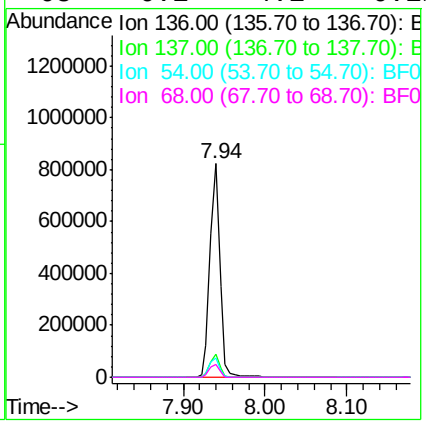


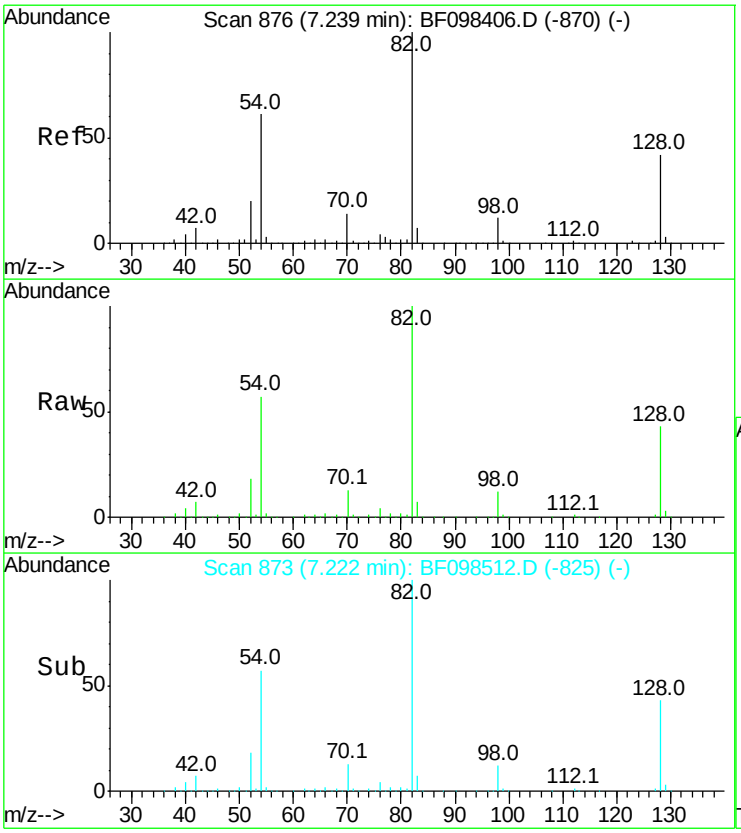
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 695588

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	8.9	4.9	7.3#
68	6.1	4.1	6.1#

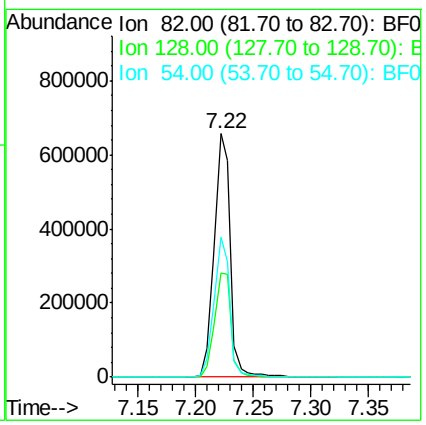


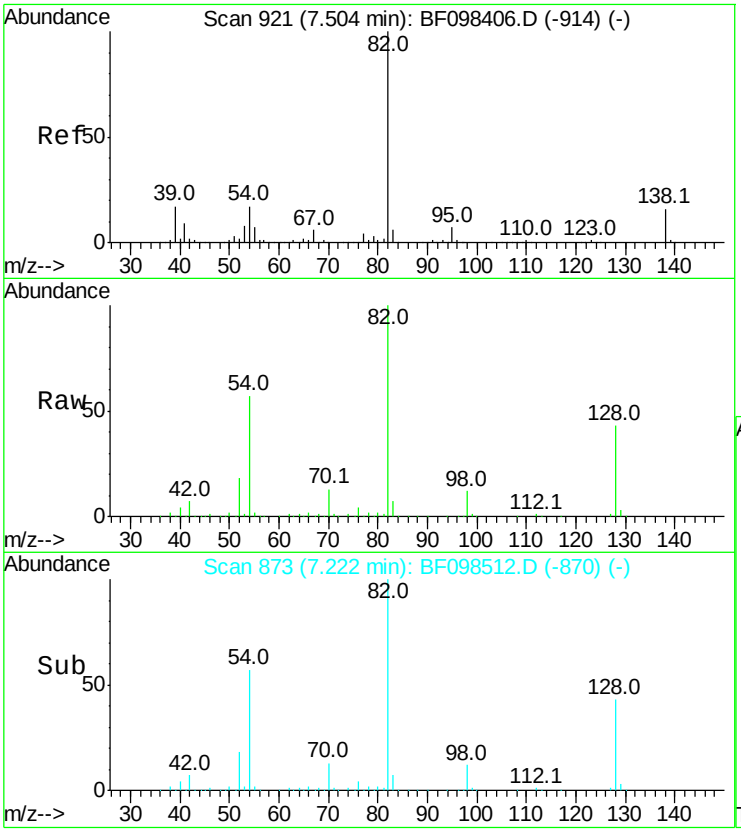


#23
Nitrobenzene-d5
Concen: 50.911 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.02 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Tgt Ion: 82 Resp: 635212

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.0	51.0
54	57.2	42.2	63.2



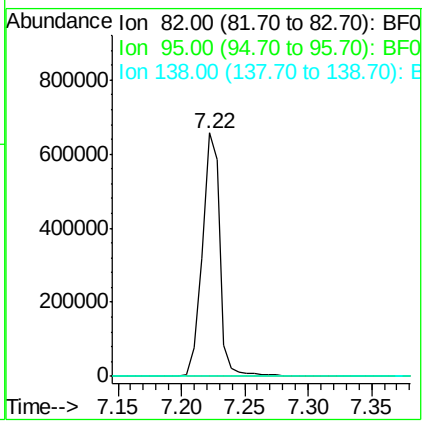


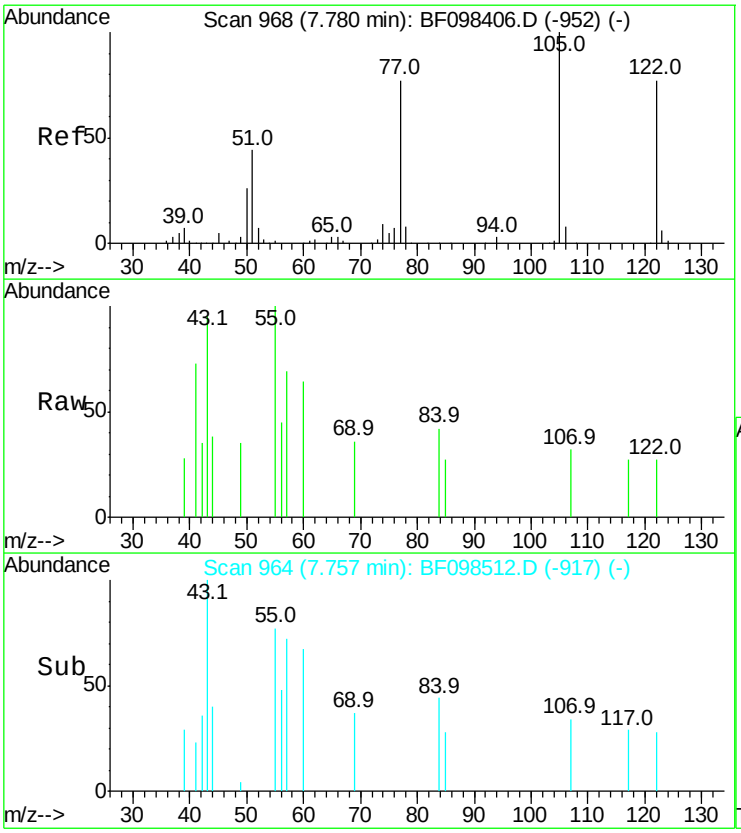
#25
Isophorone
Concen: 24.740 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.28 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 624542

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

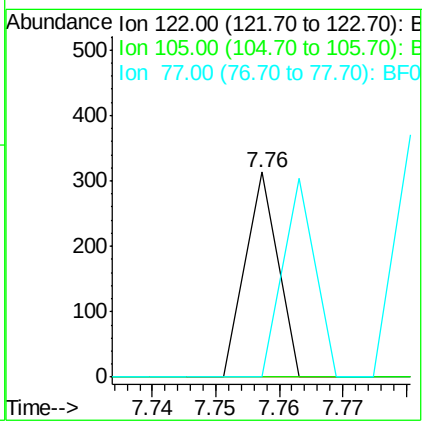


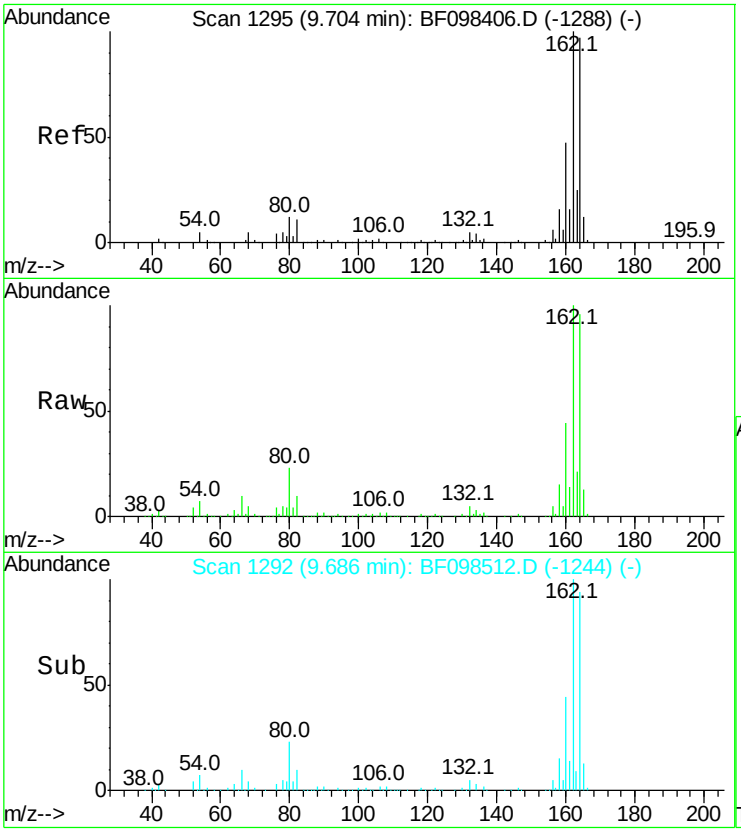


#32
Benzoic acid
Concen: 7.982 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.02 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Tgt Ion:122 Resp: 110

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	0.0	73.7	113.7#



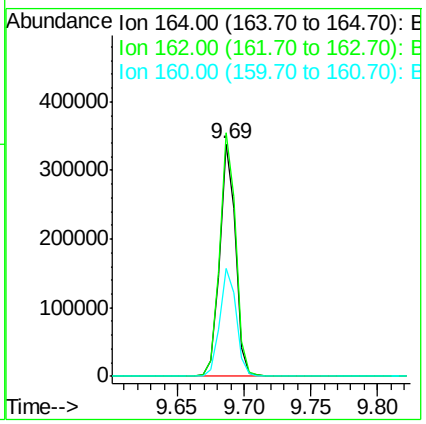


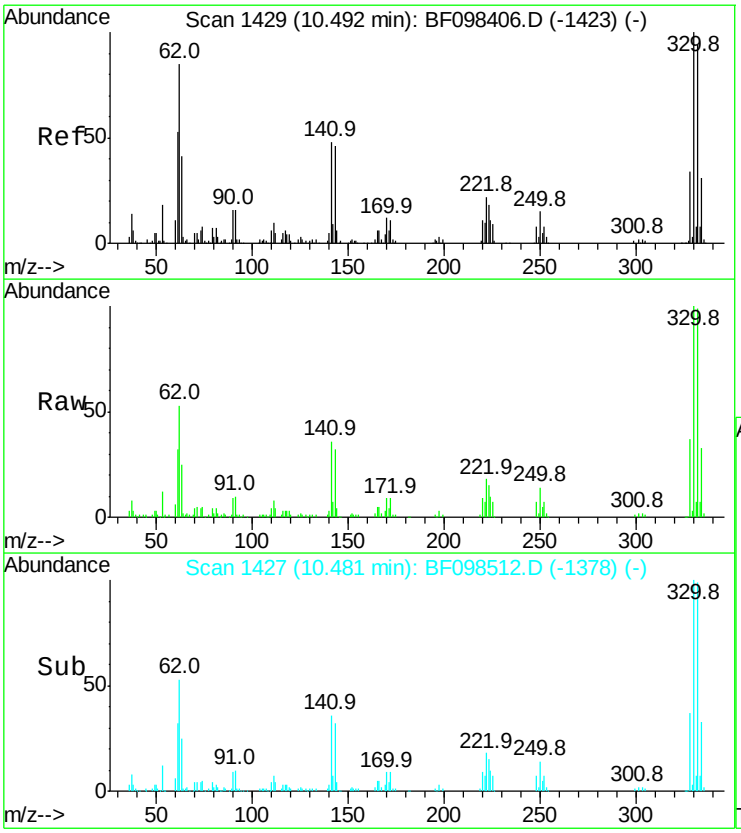
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 284750

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.6	123.8
160	46.5	36.2	54.2

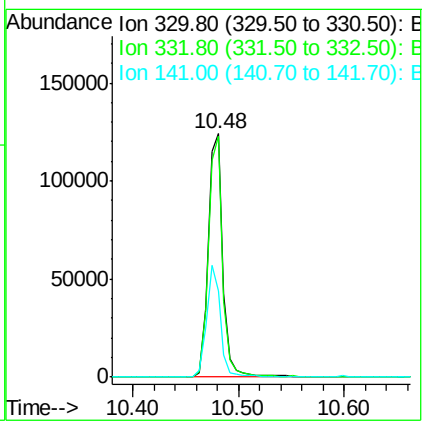


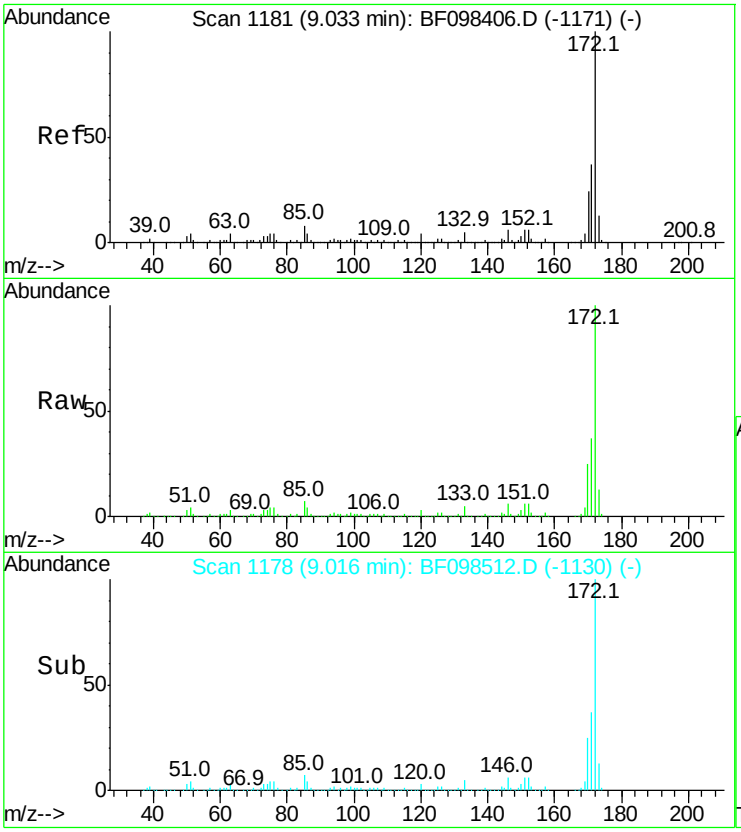


#41
2,4,6-Tribromophenol
Concen: 63.563 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Tgt Ion:330 Resp: 120799

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	43.7	31.4	47.2



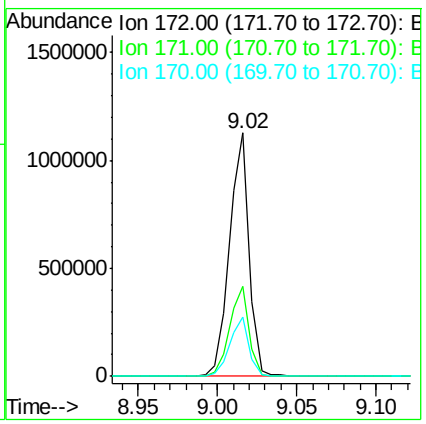


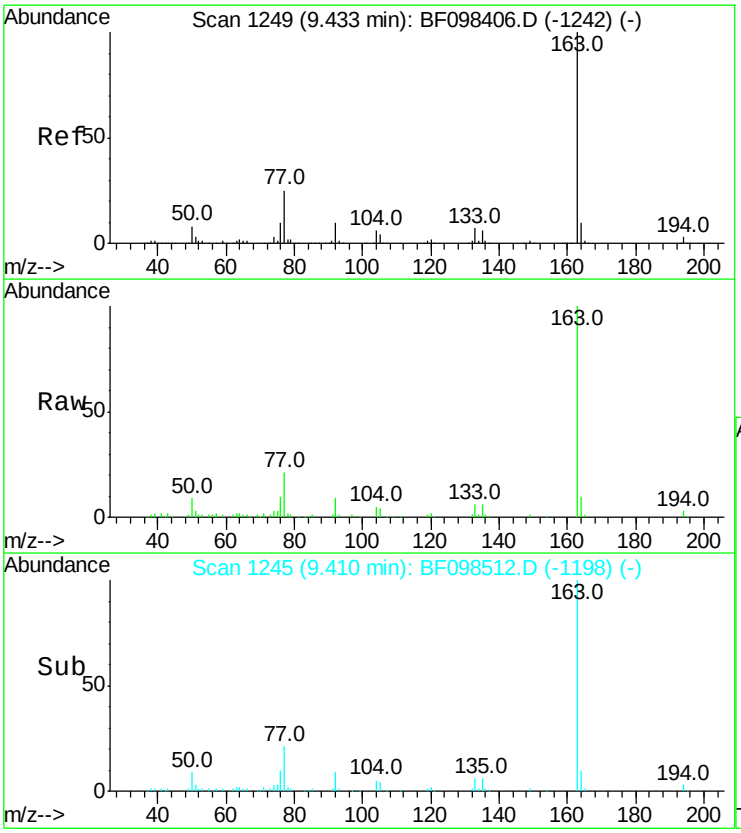
#44
2-Fluorobiphenyl
Concen: 57.628 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 968159

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.5	19.8	29.8

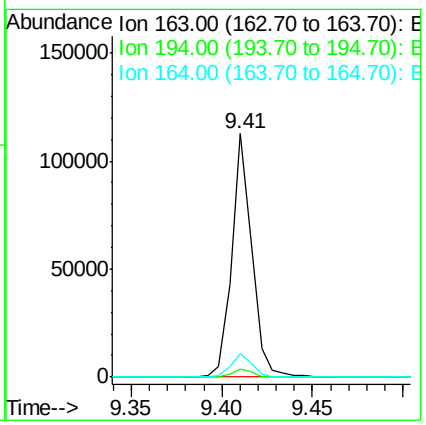


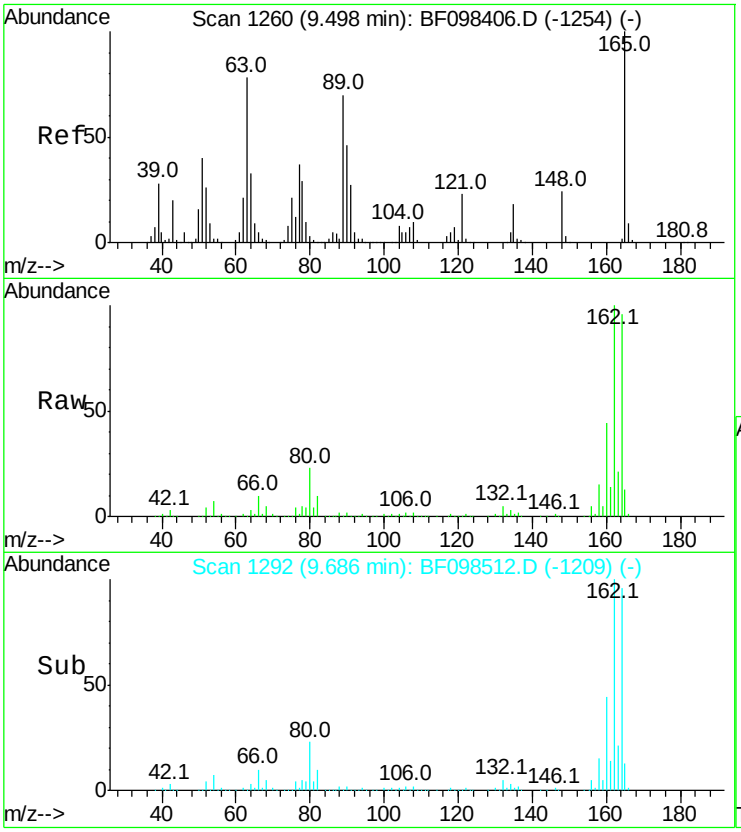


#49
Dimethylphthalate
Concen: 3.960 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Tgt Ion:163 Resp: 87297

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.8	8.4	12.6



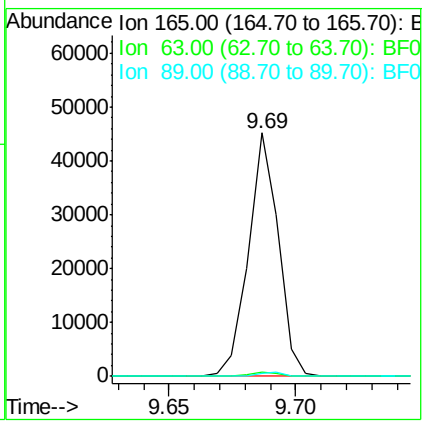


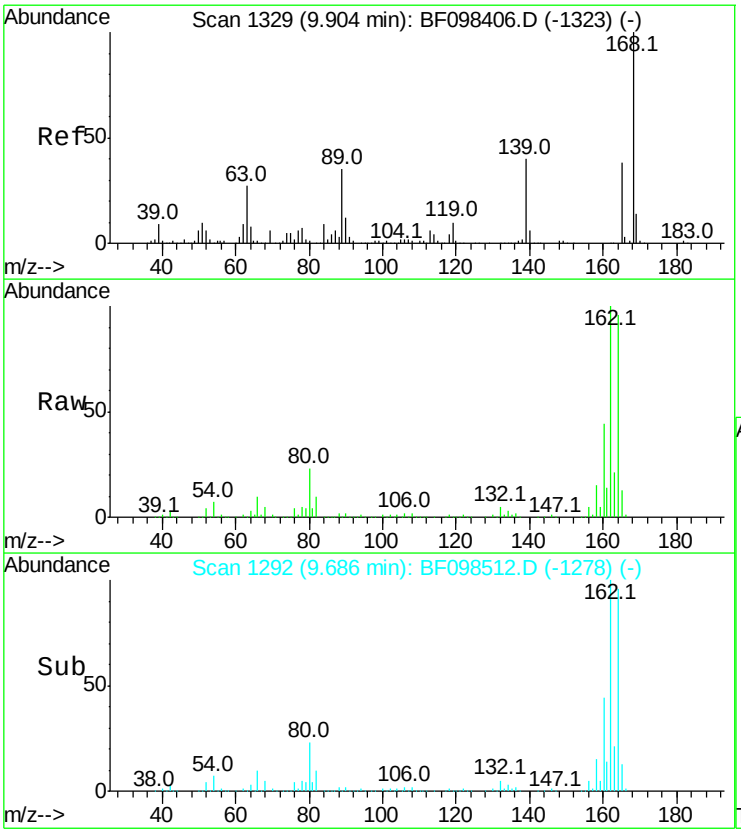
#50
2,6-Dinitrotoluene
Concen: 8.190 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.19 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 37083

Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	1.4	37.1	55.7#

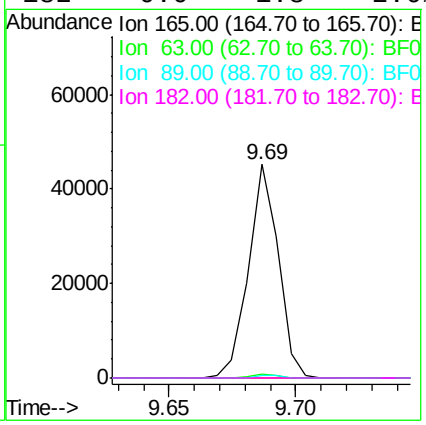


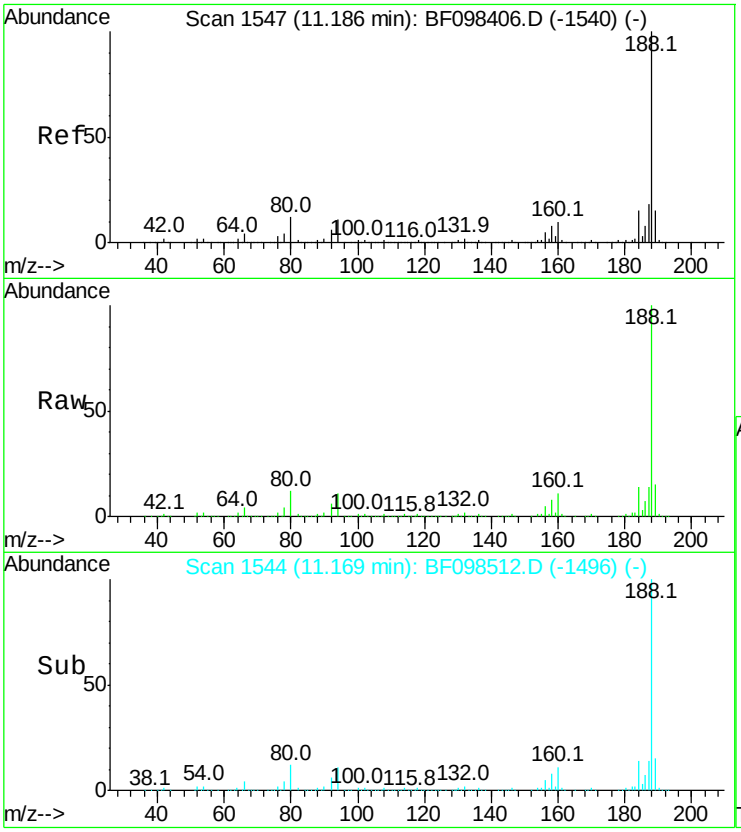


#56
2,4-Dinitrotoluene
Concen: 6.737 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.22 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Tgt Ion:165 Resp: 37083

Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#



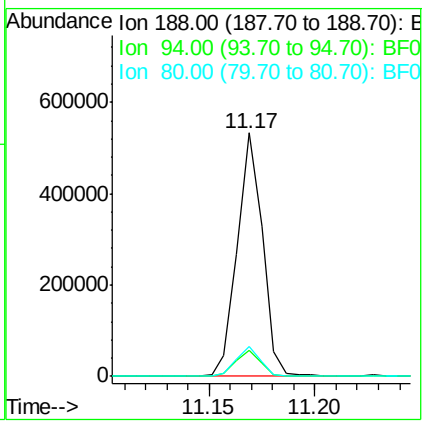


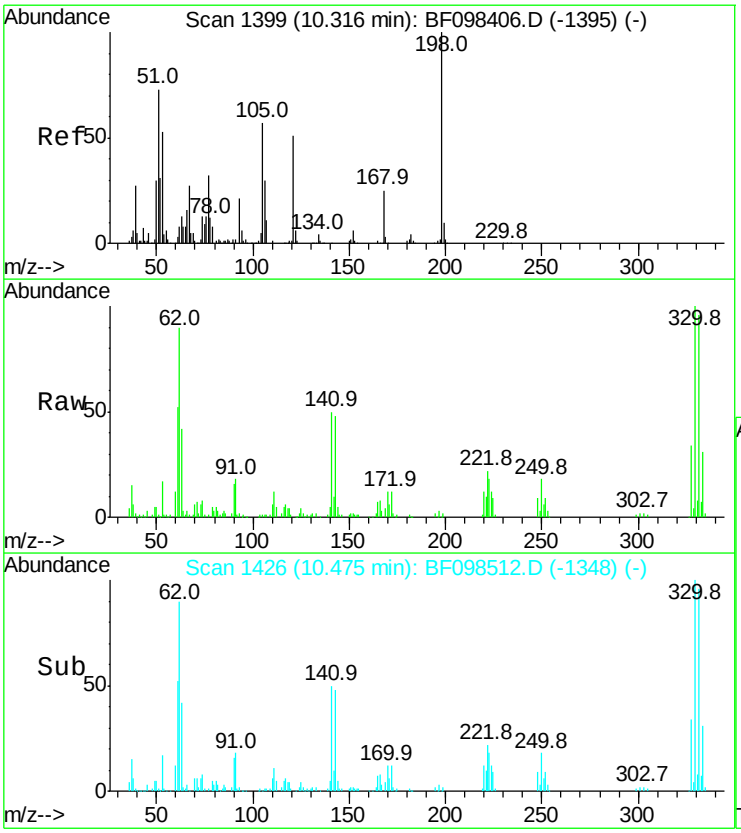
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 440297

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	12.4	10.2	15.2

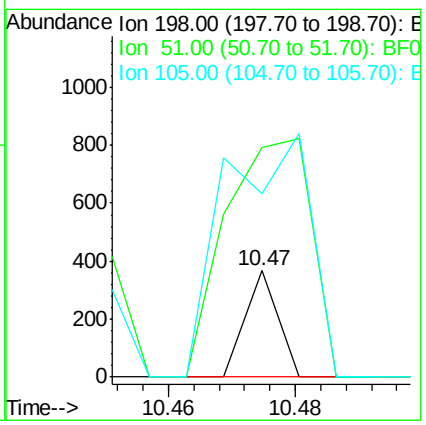


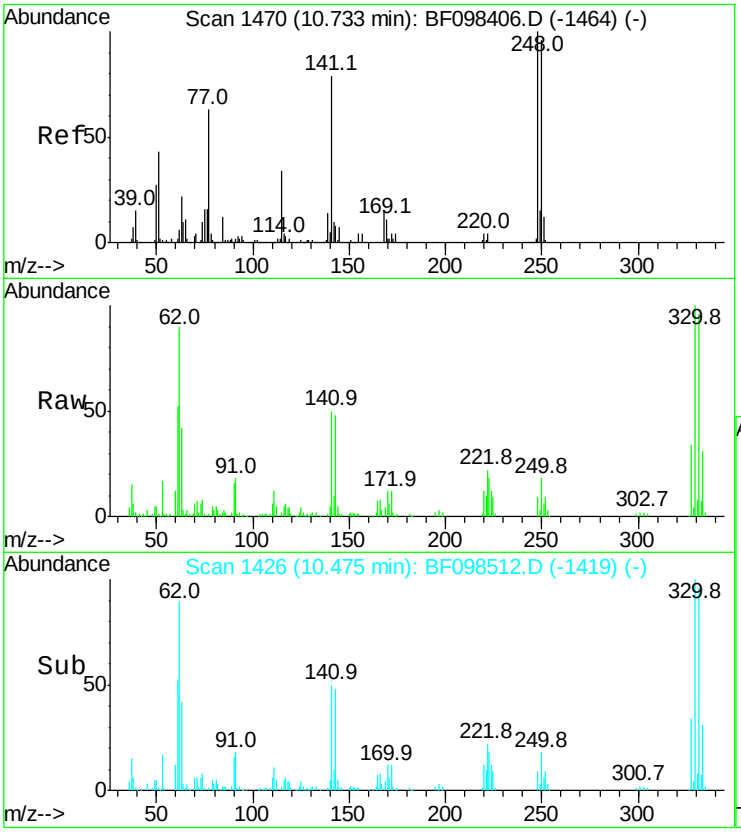


#64
4,6-Dinitro-2-methylphenol
Concen: 5.007 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.16 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Tgt Ion:198 Resp: 129

Ion	Ratio	Lower	Upper
198	100		
51	215.5	53.2	93.2#
105	172.2	45.8	85.8#



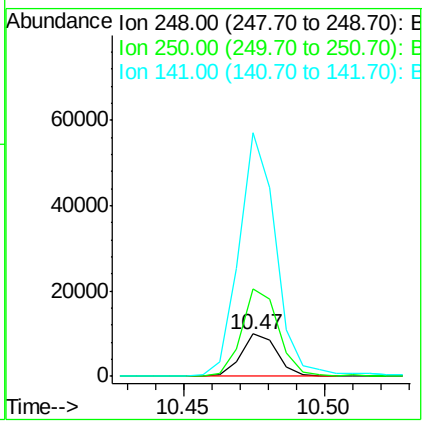


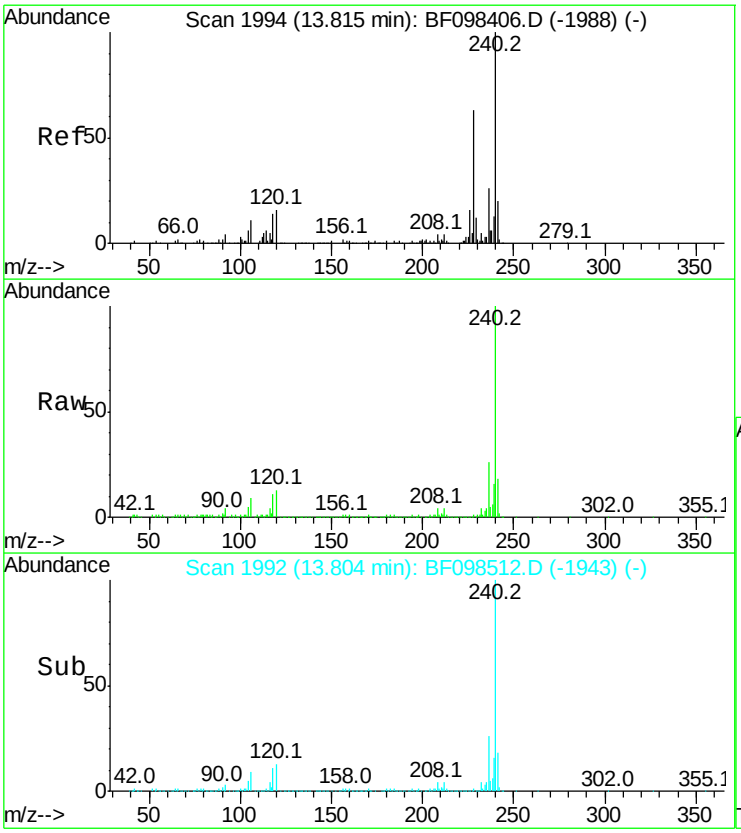
#66
4-Bromophenyl-phenylether
Concen: 2.105 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.26 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8796

Ion	Ratio	Lower	Upper
248	100		
250	208.2	76.8	115.2#
141	577.3	68.6	103.0#

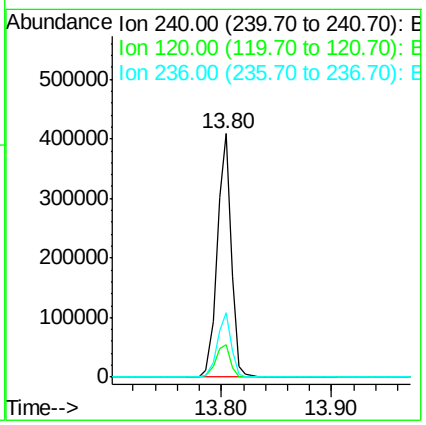


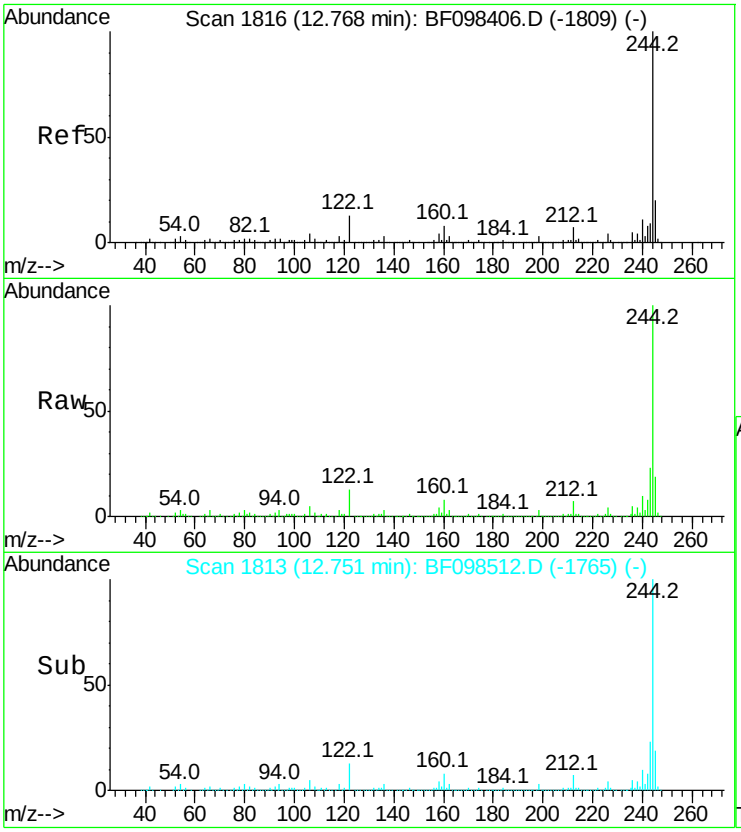


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Tgt Ion:240 Resp: 359099

Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	26.3	20.5	30.7



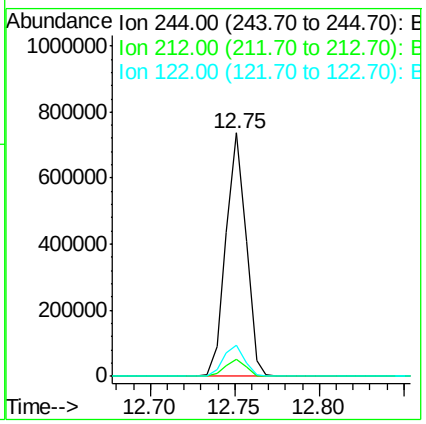


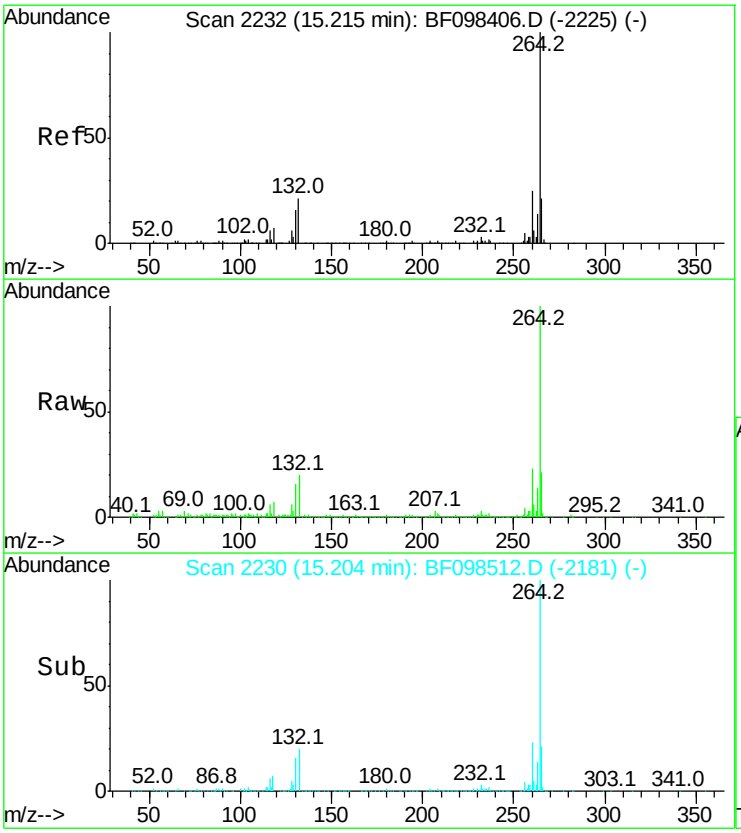
#78
Terphenyl-d14
Concen: 36.876 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 613495

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	12.9	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Tgt Ion:264 Resp: 306348

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.4	17.2	25.8